

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122022\
 Data File : VX033521.D
 Acq On : 20 Dec 2022 20:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/21/2022
 Supervised By : Mahesh Dadoda 12/21/2022

Quant Time: Dec 21 04:17:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	157318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	243841	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	38437	38.085	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	76.160%#		
35) Dibromofluoromethane	5.385	113	50873	46.385	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.780%		
50) Toluene-d8	8.647	98	104440	45.521	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.040%#		
62) 4-Bromofluorobenzene	11.079	95	80143	45.684	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.360%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	55730	50.712	ug/l	96
3) Chloromethane	1.294	50	55515	43.691	ug/l	96
4) Vinyl Chloride	1.373	62	66797	46.041	ug/l	99
5) Bromomethane	1.617	94	42388	39.812	ug/l	96
6) Chloroethane	1.691	64	37679	34.239	ug/l	100
7) Trichlorofluoromethane	1.886	101	127495	46.808	ug/l	99
8) Diethyl Ether	2.129	74	47459	48.240	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	73236	50.687	ug/l	95
10) Methyl Iodide	2.453	142	92404	58.393	ug/l	95
11) Tert butyl alcohol	2.983	59	73442	238.015	ug/l #	88
12) 1,1-Dichloroethene	2.318	96	69484	48.719	ug/l	95
13) Acrolein	2.239	56	121325	362.543	ug/l	100
14) Allyl chloride	2.666	41	104274	45.782	ug/l	90
15) Acrylonitrile	3.062	53	172109	225.172	ug/l	98
16) Acetone	2.386	43	140562	188.215	ug/l	93
17) Carbon Disulfide	2.514	76	165667	45.258	ug/l	99
18) Methyl Acetate	2.703	43	102362	47.347	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	253582	51.330	ug/l	98
20) Methylene Chloride	2.788	84	78052	46.863	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	77309	49.553	ug/l	93
22) Diisopropyl ether	3.757	45	207870	42.599	ug/l	93
23) Vinyl Acetate	3.721	43	841163	222.087	ug/l	97
24) 1,1-Dichloroethane	3.611	63	127762	44.560	ug/l	99
25) 2-Butanone	4.556	43	226041	210.860	ug/l	97
26) 2,2-Dichloropropane	4.477	77	107459	50.965	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	89357	47.925	ug/l	94
28) Bromochloromethane	4.897	49	47498	39.575	ug/l	83
29) Tetrahydrofuran	5.001	42	145428	209.385	ug/l	92
30) Chloroform	5.092	83	151026	47.447	ug/l	100
31) Cyclohexane	5.470	56	111168	46.348	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	136703	49.916	ug/l	96
36) 1,1-Dichloropropene	5.696	75	106878	49.983	ug/l	98
37) Ethyl Acetate	4.714	43	90591	44.818	ug/l	96
38) Carbon Tetrachloride	5.678	117	120904	50.466	ug/l	98
39) Methylcyclohexane	7.379	83	123612	51.647	ug/l	96
40) Benzene	6.037	78	311778	50.008	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	50422	45.269	ug/l	93
42) 1,2-Dichloroethane	6.086	62	110288	44.548	ug/l	95
43) Isopropyl Acetate	6.336	43	156956	48.261	ug/l #	93
44) Trichloroethene	7.129	130	93496	54.392	ug/l	97
45) 1,2-Dichloropropane	7.433	63	79749	50.017	ug/l	99
46) Dibromomethane	7.580	93	60643	49.927	ug/l	95
47) Bromodichloromethane	7.824	83	119184	50.338	ug/l	100
48) Methyl methacrylate	7.689	41	76386	45.508	ug/l	86
49) 1,4-Dioxane	7.702	88	33788	882.762	ug/l	94
51) 4-Methyl-2-Pentanone	8.573	43	469860	228.454	ug/l	93
52) Toluene	8.720	92	206886	51.324	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	121395	47.841	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	132049	52.411	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	87163	51.440	ug/l	99
56) Ethyl methacrylate	9.116	69	126944	53.210	ug/l #	85
57) 1,3-Dichloropropane	9.305	76	136163	50.023	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	271695	248.892	ug/l	95
59) 2-Hexanone	9.433	43	340854	224.891	ug/l	91
60) Dibromochloromethane	9.518	129	98450	52.734	ug/l	100
61) 1,2-Dibromoethane	9.610	107	93441	51.843	ug/l	99
64) Tetrachloroethene	9.275	164	79737	53.891	ug/l	96
65) Chlorobenzene	10.079	112	233009	53.177	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	88100	53.204	ug/l	99
67) Ethyl Benzene	10.195	91	389990	51.088	ug/l	97
68) m/p-Xylenes	10.305	106	304158	102.410	ug/l	97
69) o-Xylene	10.640	106	145441	49.543	ug/l	98
70) Styrene	10.652	104	243465	50.638	ug/l	99
71) Bromoform	10.799	173	68024	51.899	ug/l #	98
73) Isopropylbenzene	10.963	105	368600	47.397	ug/l	99
74) N-amyl acetate	10.841	43	128100	48.279	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	115803	46.937	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	103733m	47.520	ug/l	
77) Bromobenzene	11.201	156	100822	51.340	ug/l	95
78) n-propylbenzene	11.305	91	440248	50.699	ug/l	98
79) 2-Chlorotoluene	11.366	91	270749	50.451	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	334920	51.737	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	30600	43.605	ug/l	96
82) 4-Chlorotoluene	11.457	91	313534	50.244	ug/l	98
83) tert-Butylbenzene	11.713	119	350690	54.325	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	340361	52.672	ug/l	99
85) sec-Butylbenzene	11.890	105	410363	54.485	ug/l	99
86) p-Isopropyltoluene	12.012	119	348368	53.649	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	191067	53.710	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	190575	52.447	ug/l	98
89) n-Butylbenzene	12.335	91	284054	53.410	ug/l	98
90) Hexachloroethane	12.536	117	55816	50.569	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	185023	52.023	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25176	47.242	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	115761	53.893	ug/l	99
94) Hexachlorobutadiene	13.725	225	49565	57.625	ug/l	99
95) Naphthalene	13.774	128	389284	54.332	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	116865	53.720	ug/l	99

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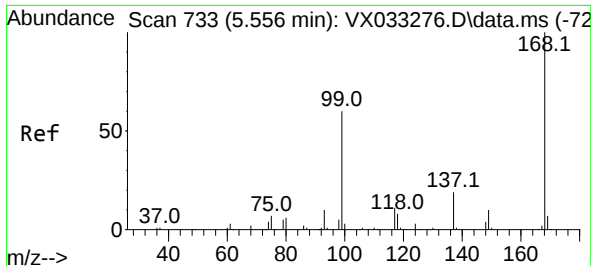
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

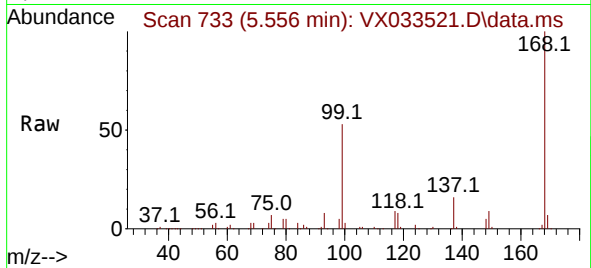
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033521.D
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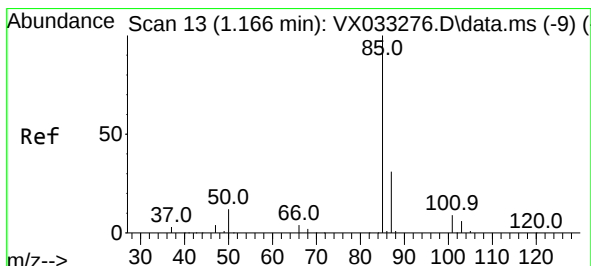
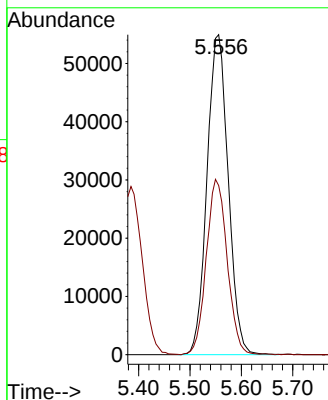
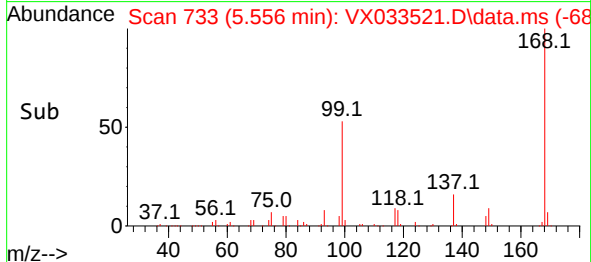
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Tgt Ion:168 Resp: 157318
Ion Ratio Lower Upper
168 100
99 52.8 46.1 69.1

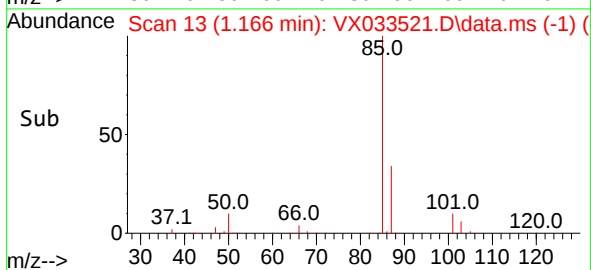
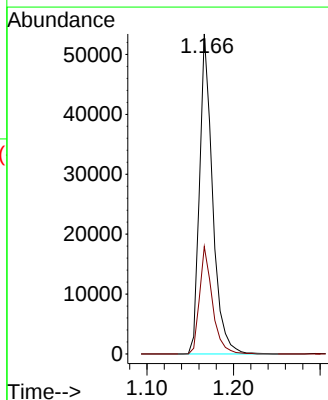
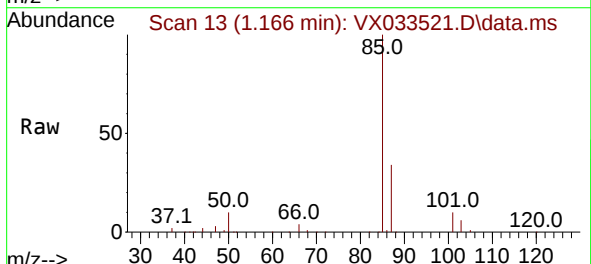
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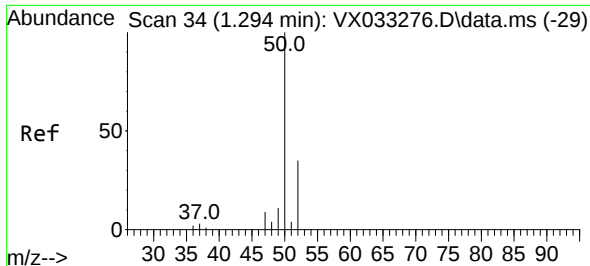
Reviewed By :John Carlone 12/21/2022
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#2
Dichlorodifluoromethane
Concen: 50.712 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

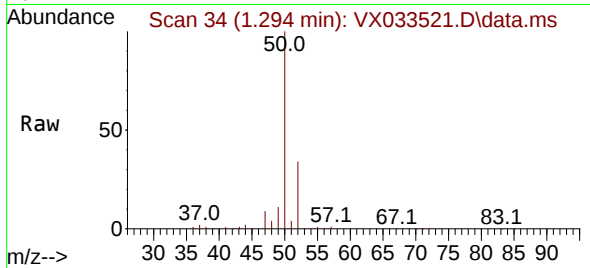
Tgt Ion: 85 Resp: 55730
Ion Ratio Lower Upper
85 100
87 33.5 15.6 46.7





#3
Chloromethane
Concen: 43.691 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

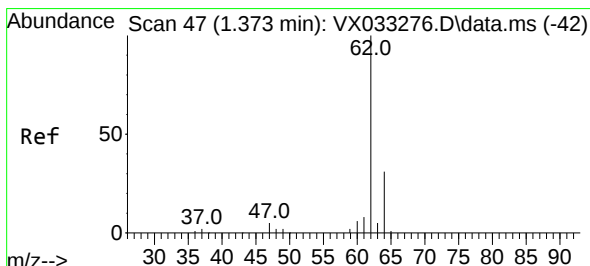
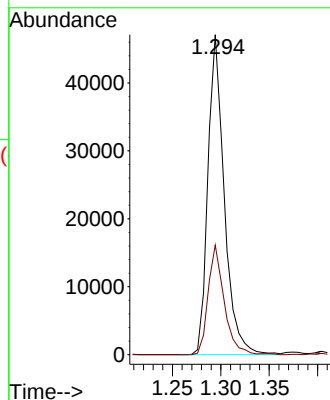
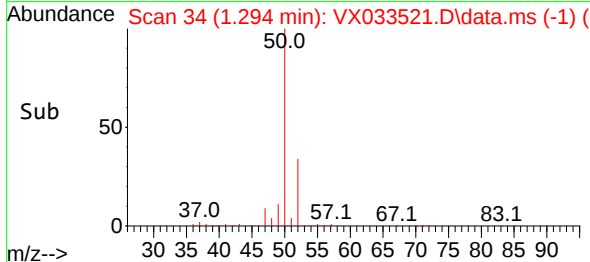
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 5551
Ion Ratio Lower Upper
50 100
52 34.2 25.4 38.2

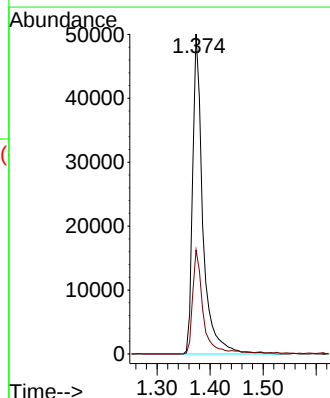
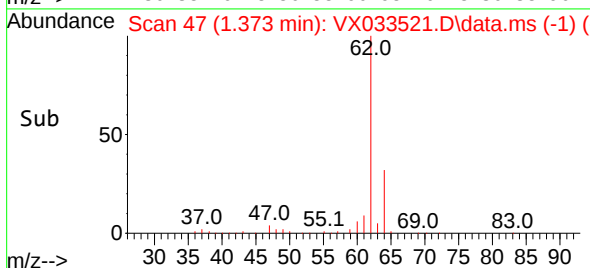
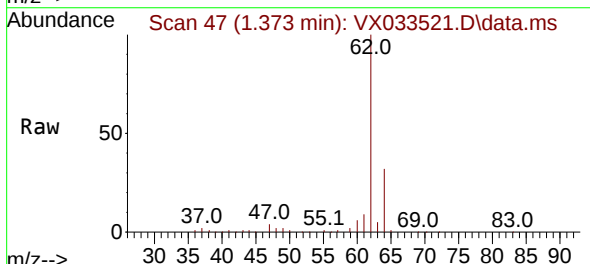
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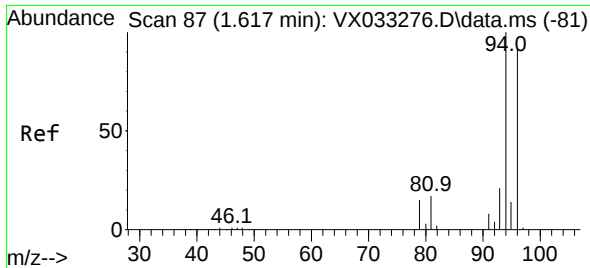
Reviewed By :John Carlone 12/21/2022
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#4
Vinyl Chloride
Concen: 46.041 ug/l
RT: 1.373 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

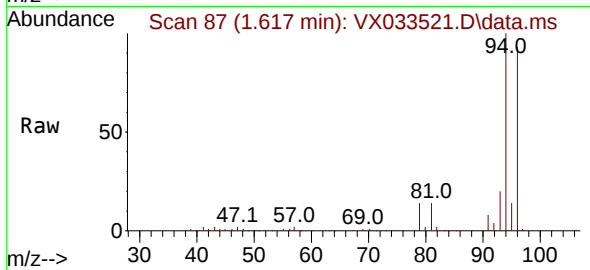
Tgt Ion: 62 Resp: 66797
Ion Ratio Lower Upper
62 100
64 32.5 25.8 38.6





#5
Bromomethane
Concen: 39.812 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

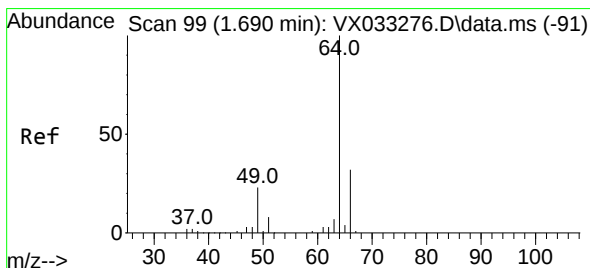
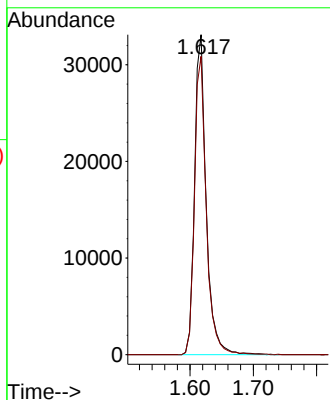
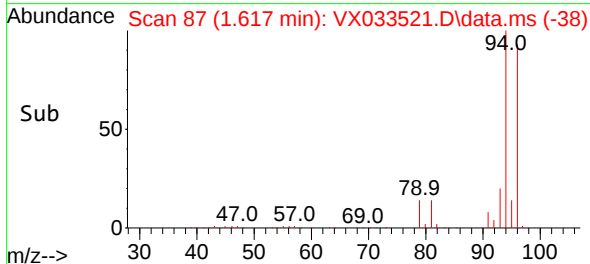
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Tgt Ion: 94 Resp: 4238
Ion Ratio Lower Upper
94 100
96 93.3 77.6 116.4

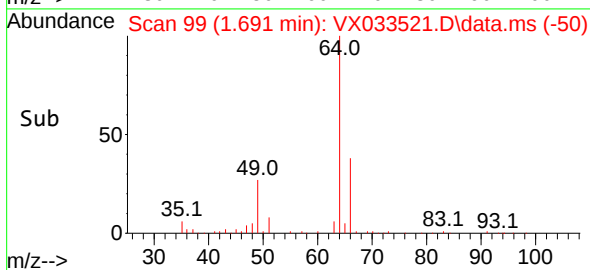
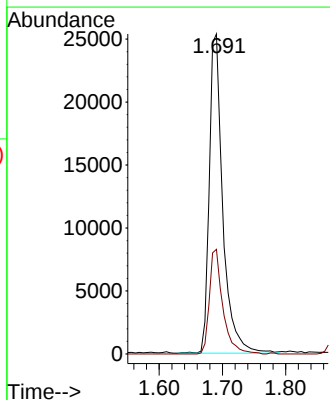
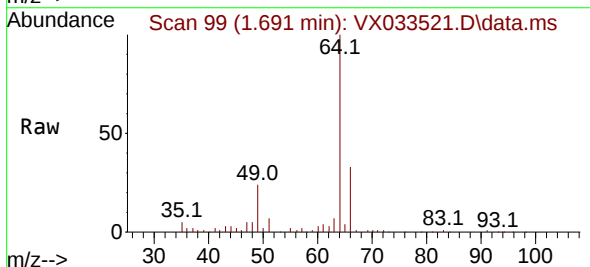
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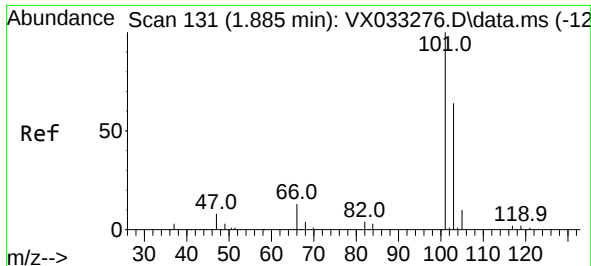
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#6
Chloroethane
Concen: 34.239 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

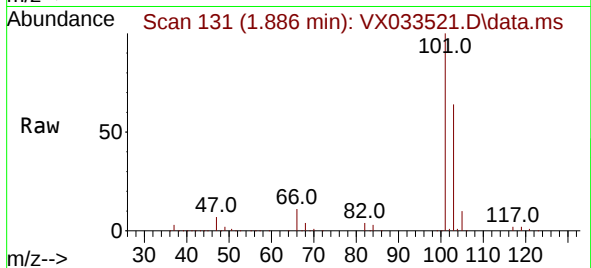
Tgt Ion: 64 Resp: 37679
Ion Ratio Lower Upper
64 100
66 32.8 26.0 39.0





#7
Trichlorofluoromethane
Concen: 46.808 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

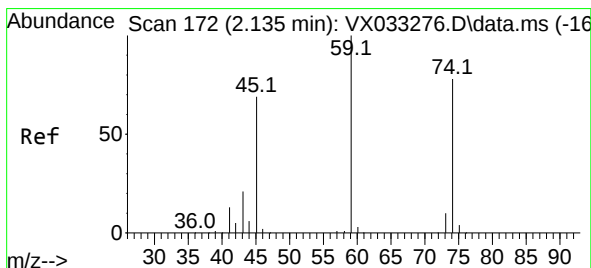
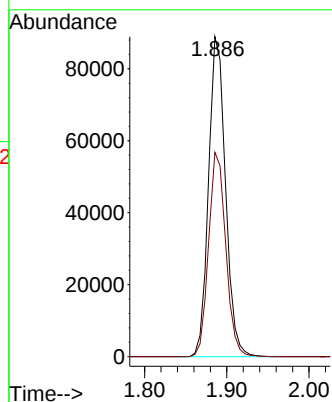
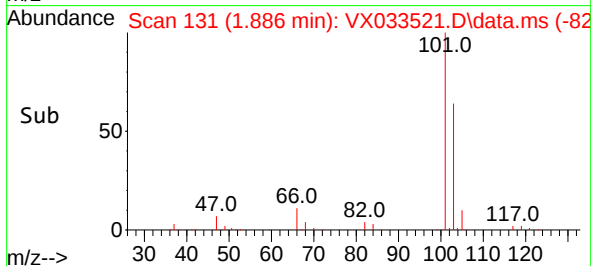
Instrument :
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Tgt Ion:101 Resp: 12749
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.2

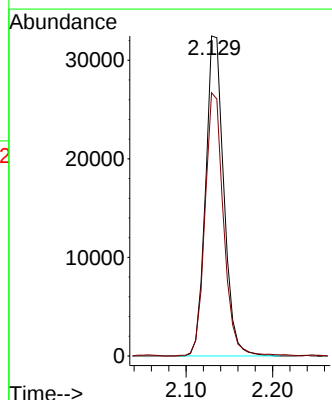
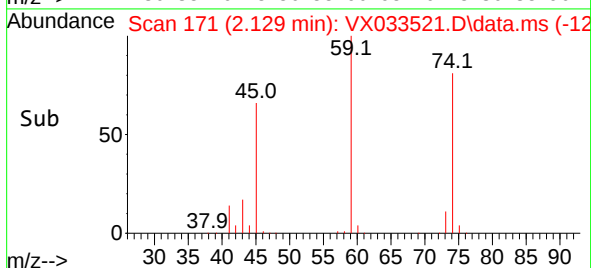
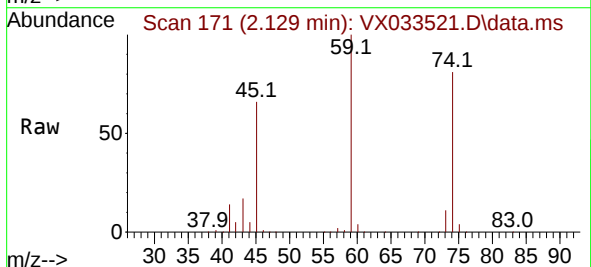
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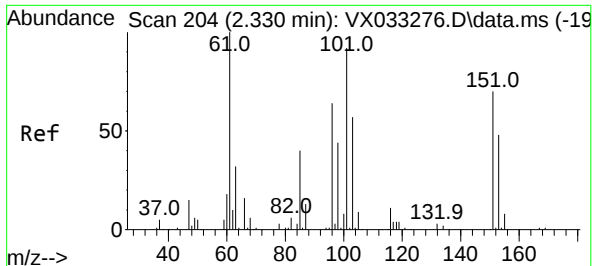
Reviewed By :John Carlone 12/21/2022
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#8
Diethyl Ether
Concen: 48.240 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

Tgt Ion: 74 Resp: 47459
Ion Ratio Lower Upper
74 100
45 84.1 46.6 139.7





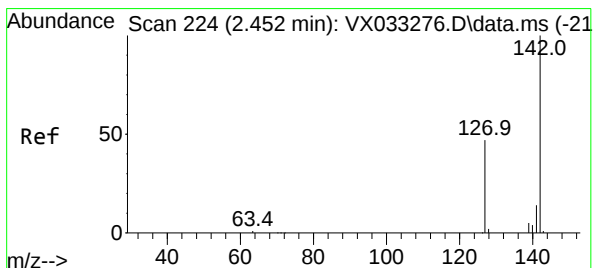
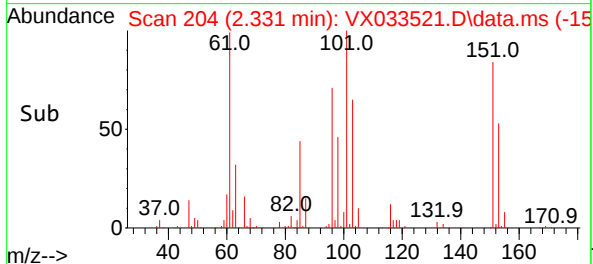
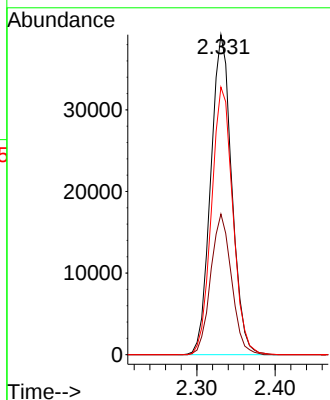
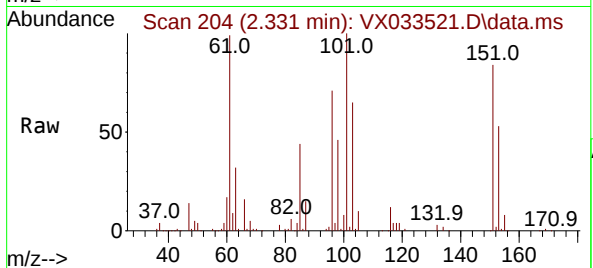
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.687 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 73230
Ion Ratio Lower Upper
101 100
85 43.4 37.0 55.4
151 84.7 64.4 96.6

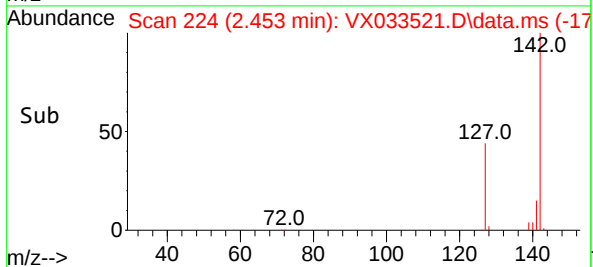
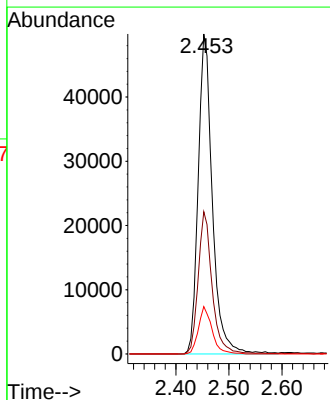
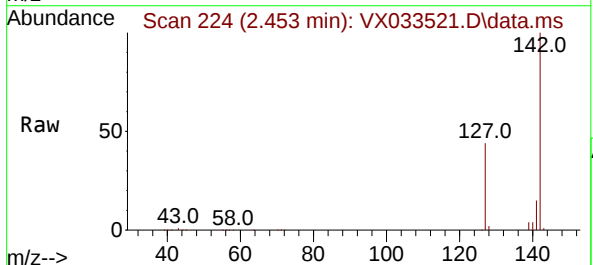
Manual Integrations
APPROVED

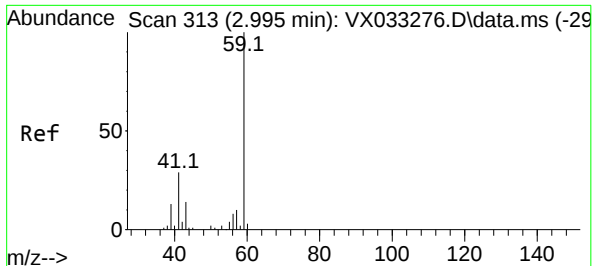
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#10
Methyl Iodide
Concen: 58.393 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

Tgt Ion:142 Resp: 92404
Ion Ratio Lower Upper
142 100
127 43.8 38.6 57.8
141 14.3 11.4 17.2





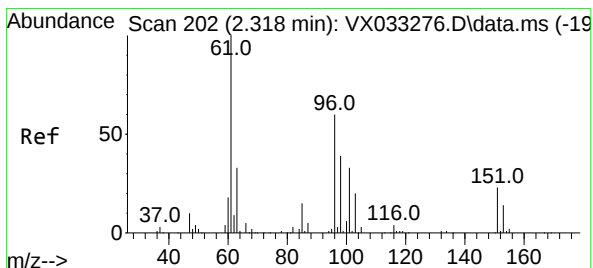
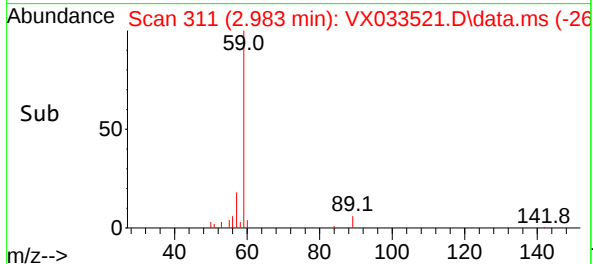
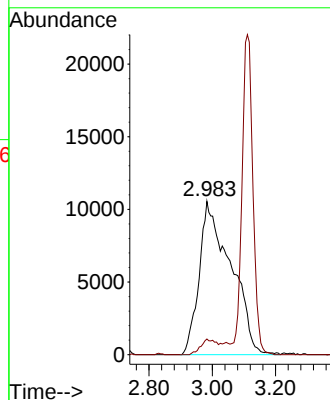
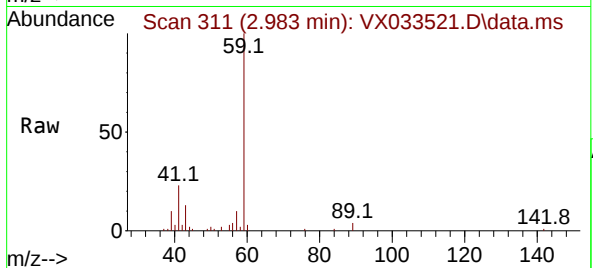
#11
Tert butyl alcohol
Concen: 238.015 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 7344
Ion Ratio Lower Upper
59 100
57 5.7 8.2 12.4

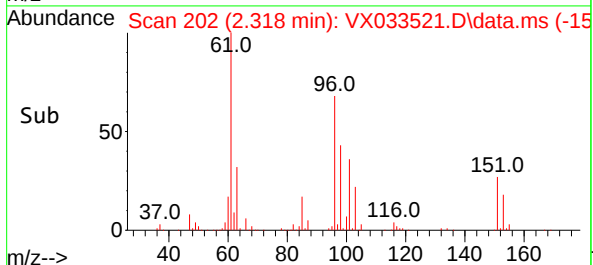
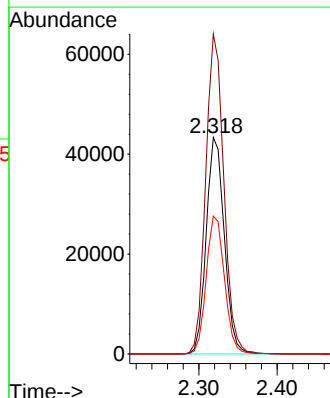
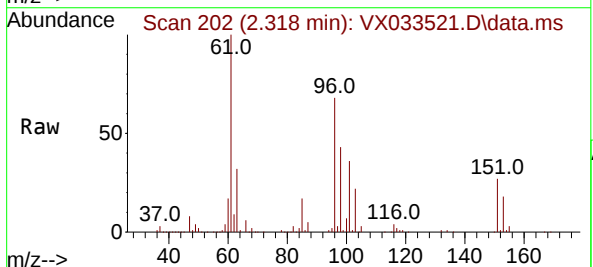
Manual Integrations
APPROVED

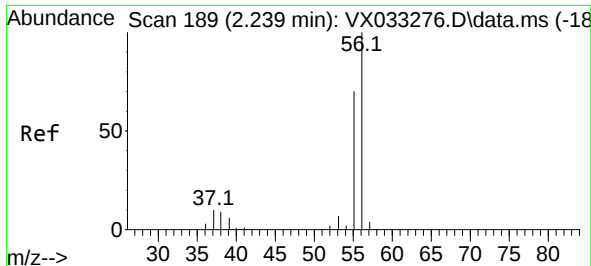
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#12
1,1-Dichloroethene
Concen: 48.719 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

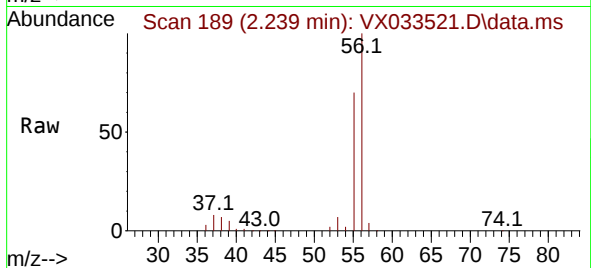
Tgt Ion: 96 Resp: 69484
Ion Ratio Lower Upper
96 100
61 147.8 125.1 187.7
98 63.7 50.6 76.0





#13
Acrolein
Concen: 362.543 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

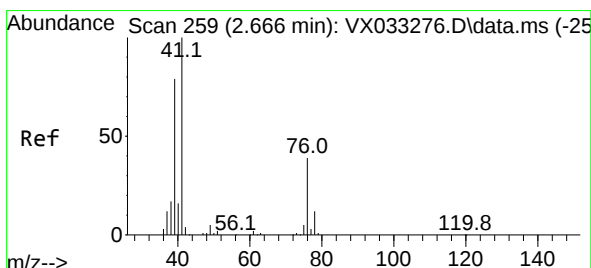
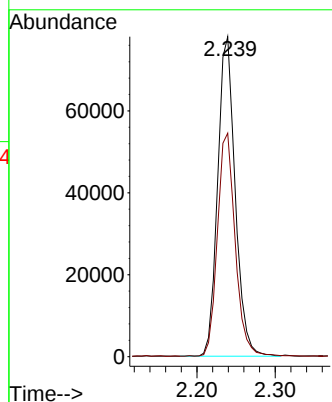
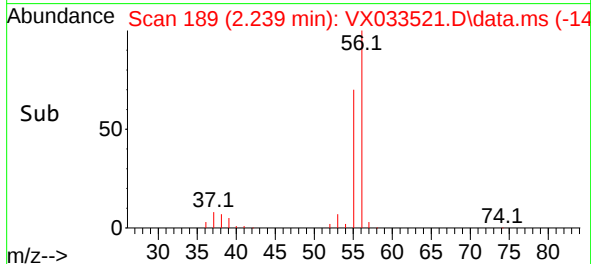
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 121329
Ion Ratio Lower Upper
56 100
55 70.9 56.9 85.3

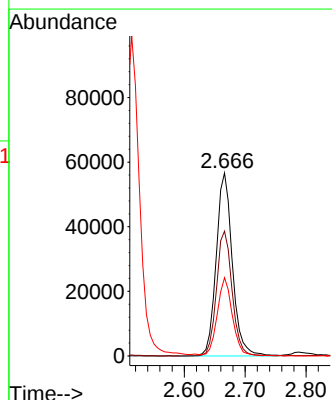
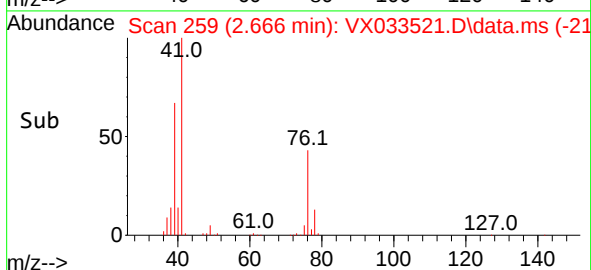
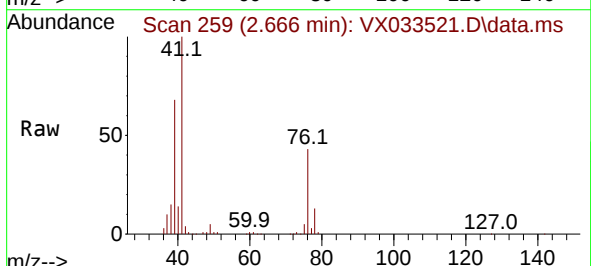
Manual Integrations
APPROVED

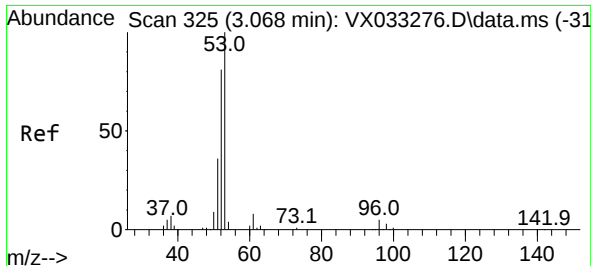
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#14
Allyl chloride
Concen: 45.782 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

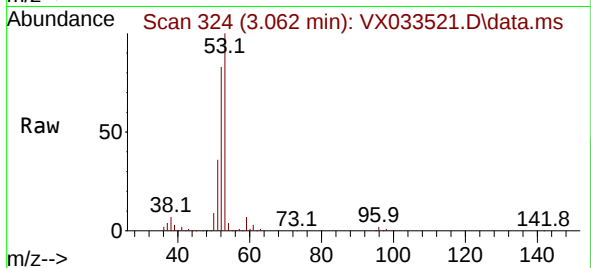
Tgt Ion: 41 Resp: 104274
Ion Ratio Lower Upper
41 100
39 66.1 61.4 92.2
76 39.9 29.2 43.8





#15
Acrylonitrile
Concen: 225.172 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

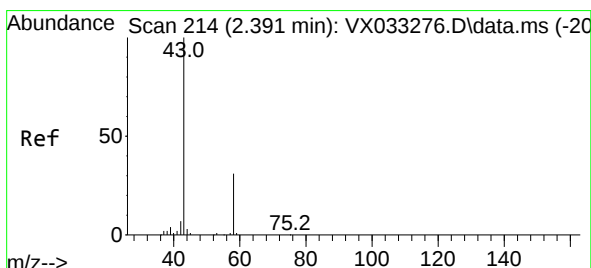
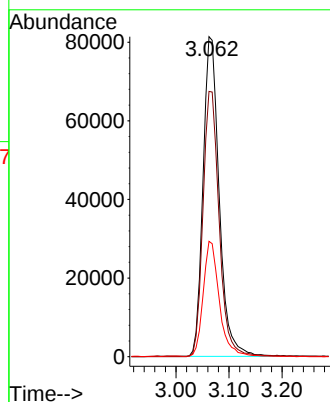
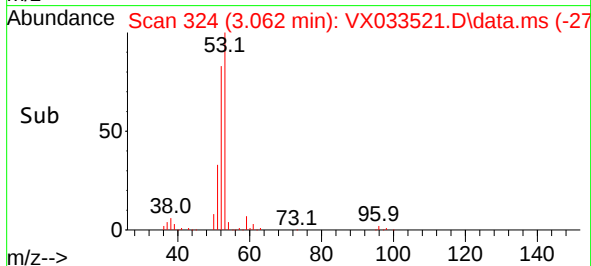
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 172109
Ion Ratio Lower Upper
53 100
52 83.3 67.4 101.0
51 35.9 30.3 45.5

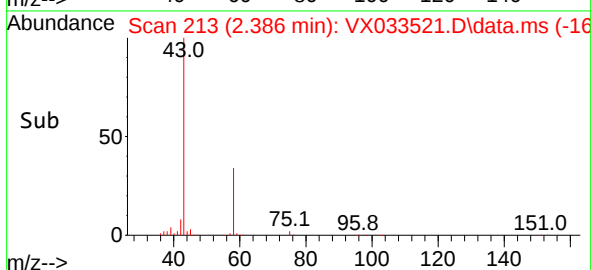
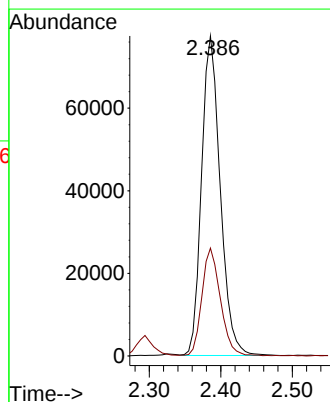
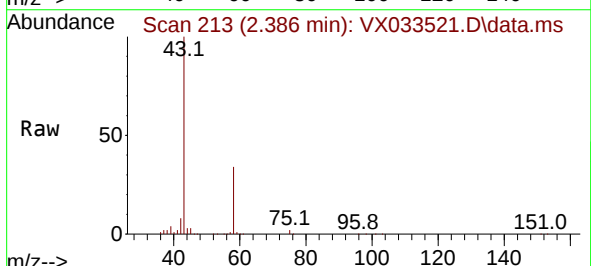
Manual Integrations
APPROVED

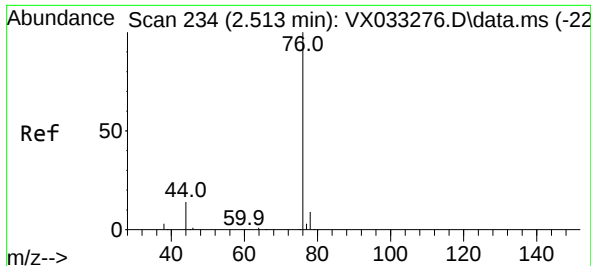
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#16
Acetone
Concen: 188.215 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

Tgt Ion: 43 Resp: 140562
Ion Ratio Lower Upper
43 100
58 33.6 23.8 35.8





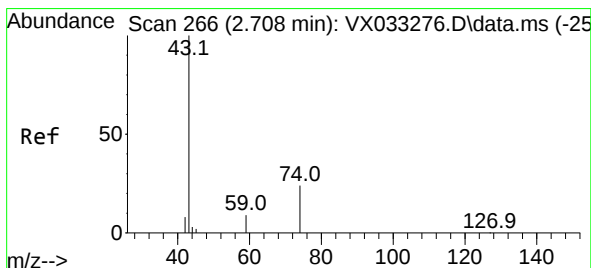
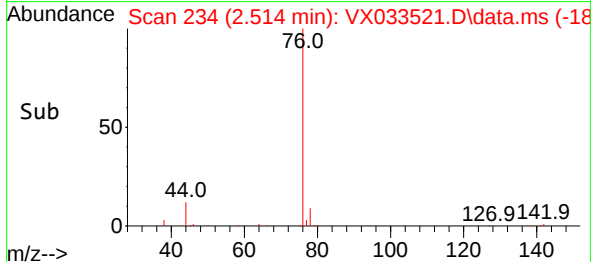
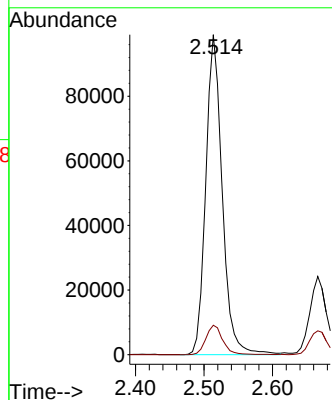
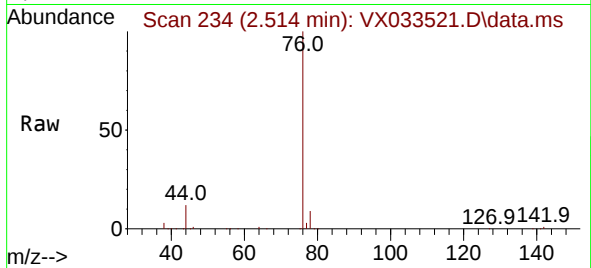
#17
Carbon Disulfide
Concen: 45.258 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 16566
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

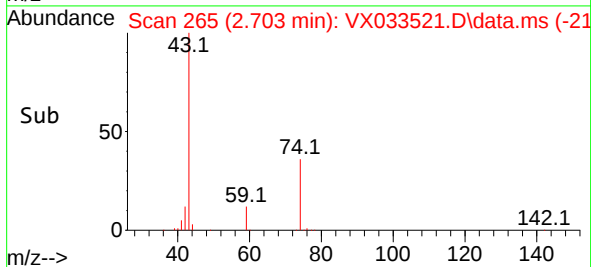
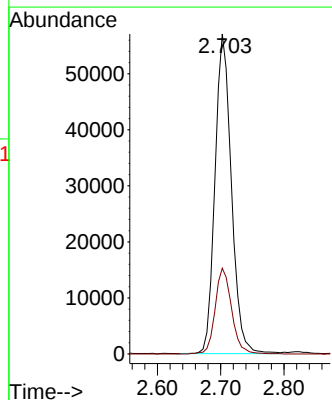
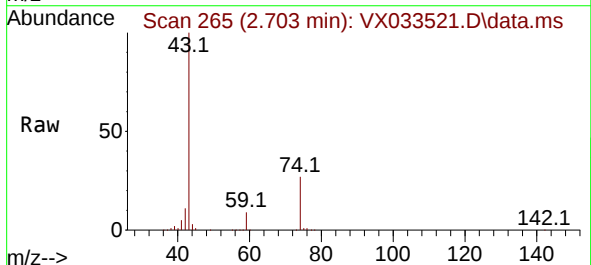
Manual Integrations
APPROVED

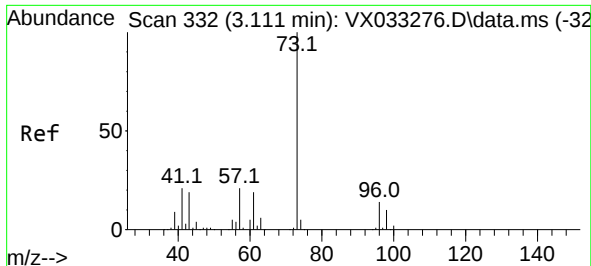
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#18
Methyl Acetate
Concen: 47.347 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

Tgt Ion: 43 Resp: 102362
Ion Ratio Lower Upper
43 100
74 27.0 19.4 29.0





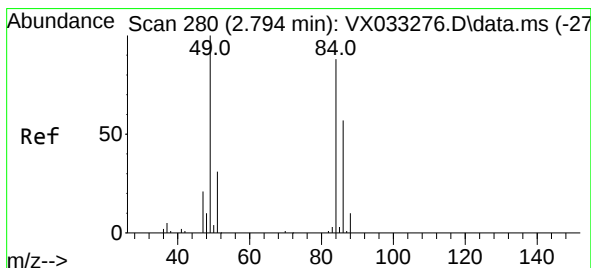
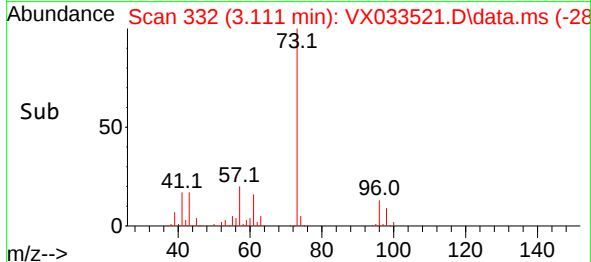
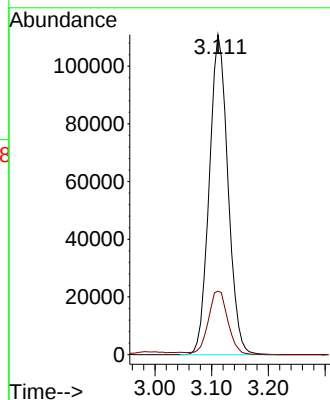
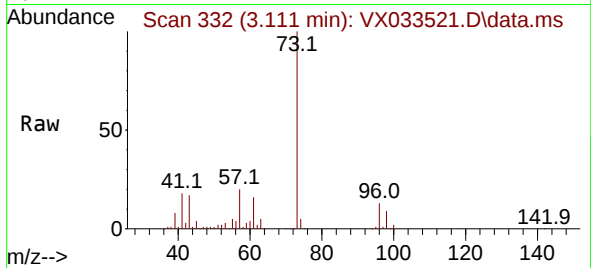
#19
Methyl tert-butyl Ether
Concen: 51.330 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 25358
Ion Ratio Lower Upper
73 100
57 19.9 16.6 25.0

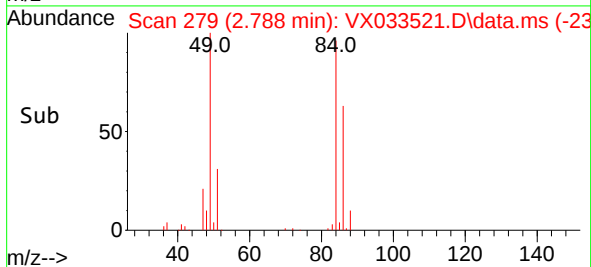
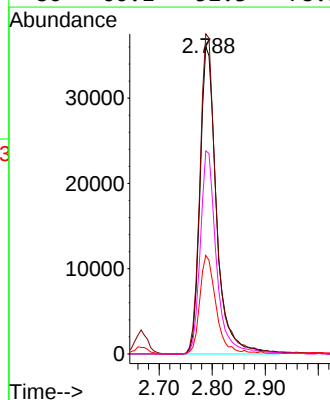
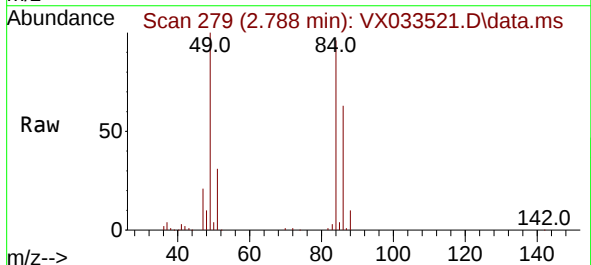
Manual Integrations
APPROVED

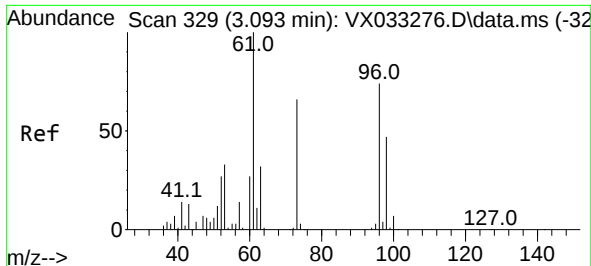
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#20
Methylene Chloride
Concen: 46.863 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

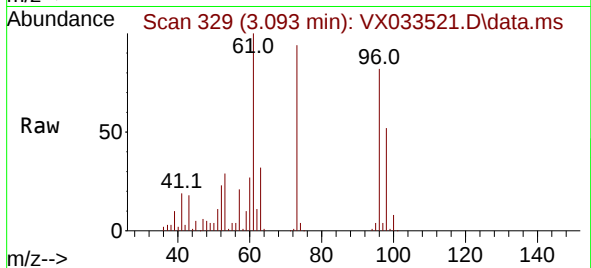
Tgt Ion: 84 Resp: 78052
Ion Ratio Lower Upper
84 100
49 104.1 101.0 151.6
51 32.0 31.1 46.7
86 66.1 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 49.553 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

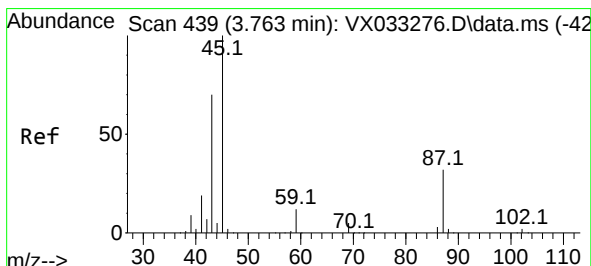
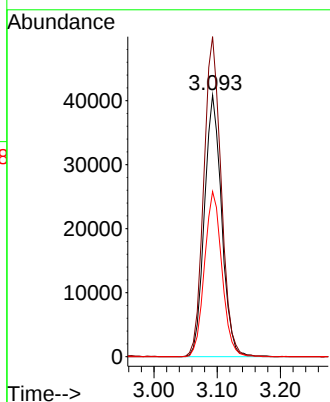
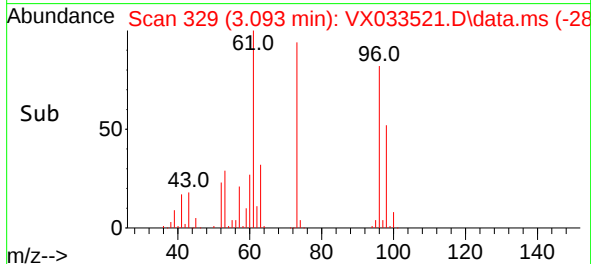
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



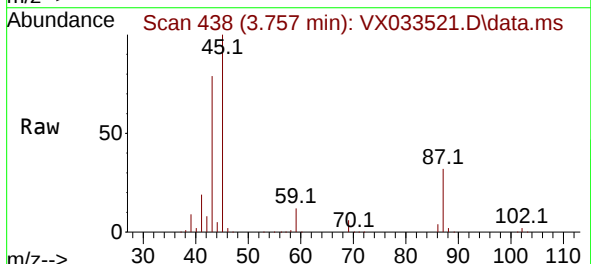
Tgt Ion: 96 Resp: 77309
Ion Ratio Lower Upper
96 100
61 122.4 106.6 160.0
98 63.1 51.0 76.6

Manual Integrations
APPROVED

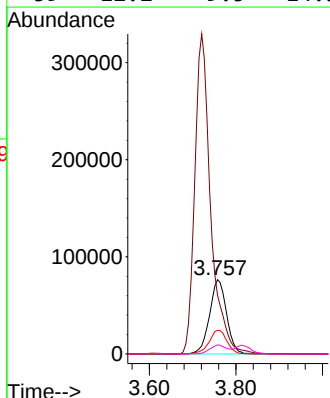
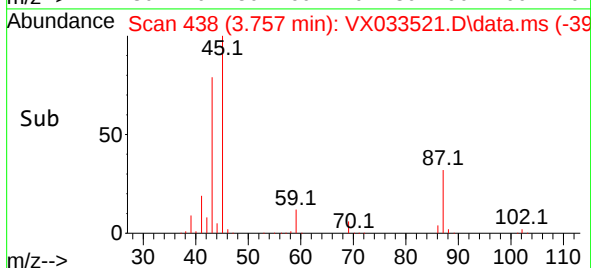
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

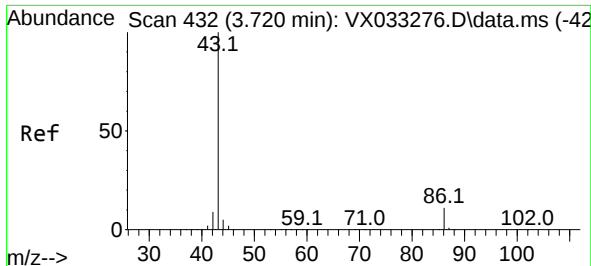


#22
Diisopropyl ether
Concen: 42.599 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16



Tgt Ion: 45 Resp: 207870
Ion Ratio Lower Upper
45 100
43 78.8 56.4 84.6
87 31.7 24.4 36.6
59 12.2 9.5 14.3





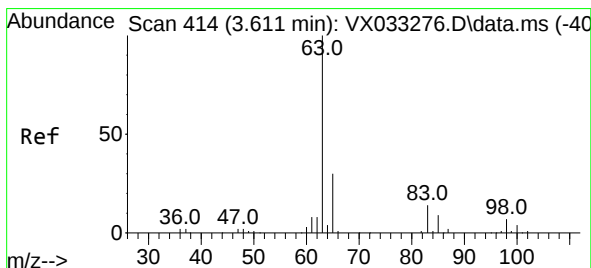
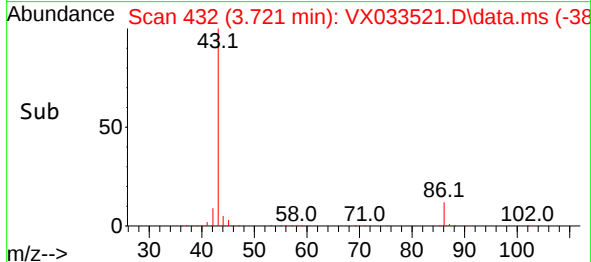
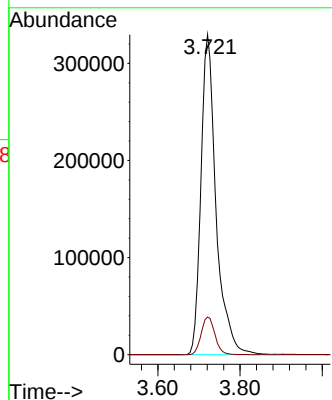
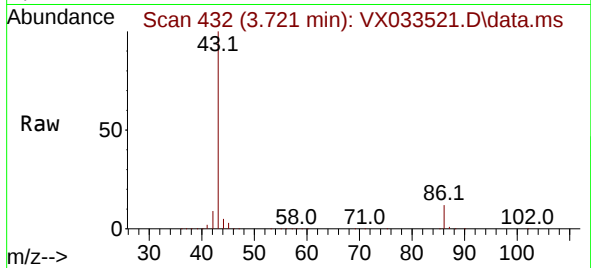
#23
 Vinyl Acetate
 Concen: 222.087 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX033521.D
 Acq: 20 Dec 2022 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 84116
 Ion Ratio Lower Upper
 43 100
 86 11.8 8.6 12.8

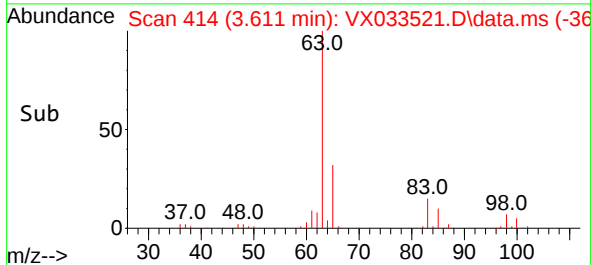
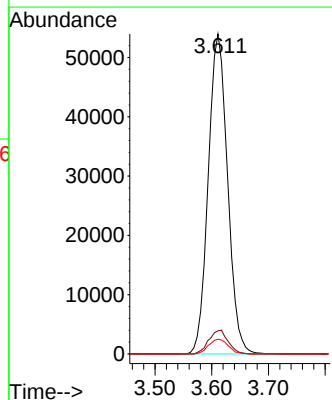
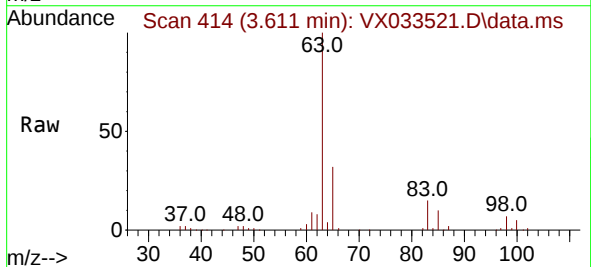
Manual Integrations
 APPROVED

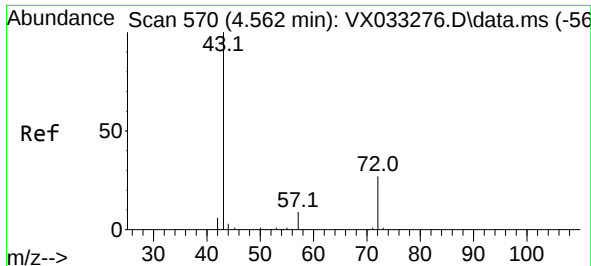
Reviewed By :John Carlone 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022



#24
 1,1-Dichloroethane
 Concen: 44.560 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX033521.D
 Acq: 20 Dec 2022 20:16

Tgt Ion: 63 Resp: 127762
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.4
 100 4.6 2.3 6.8





#25

2-Butanone

Concen: 210.860 ug/l

RT: 4.556 min Scan# 5

Delta R.T. -0.006 min

Lab File: VX033521.D

Acq: 20 Dec 2022 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 22604

Ion Ratio Lower Upper

43 100

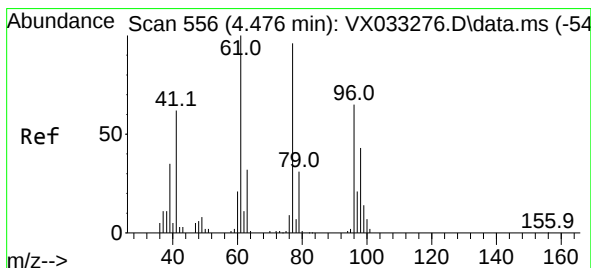
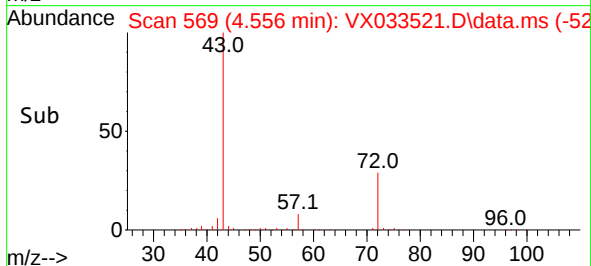
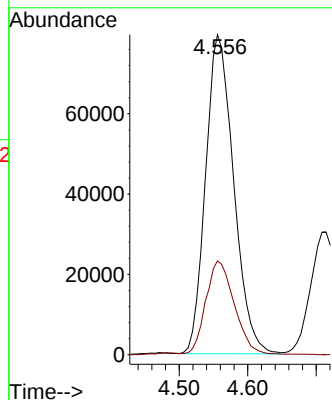
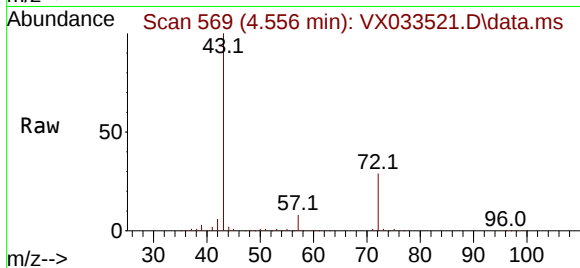
72 29.2 22.2 33.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#26

2,2-Dichloropropane

Concen: 50.965 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX033521.D

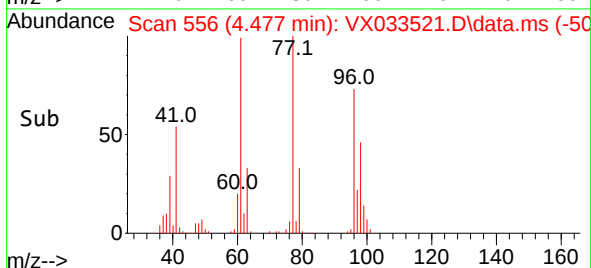
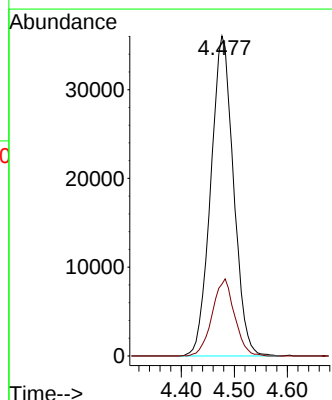
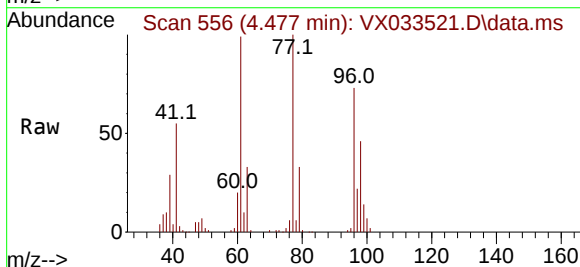
Acq: 20 Dec 2022 20:16

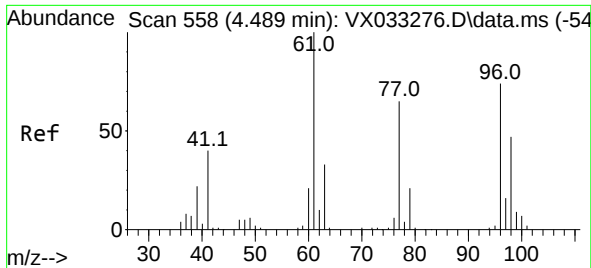
Tgt Ion: 77 Resp: 107459

Ion Ratio Lower Upper

77 100

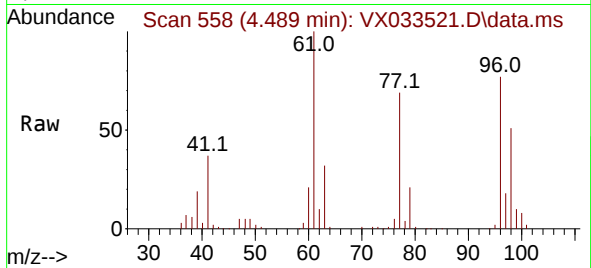
97 23.6 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 47.925 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX033521.D
 Acq: 20 Dec 2022 20:16

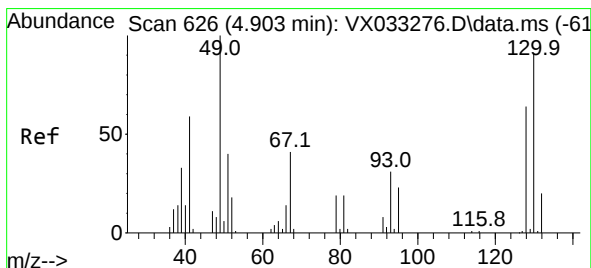
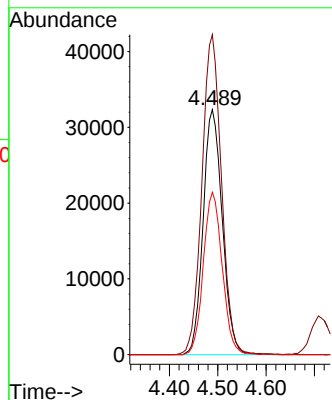
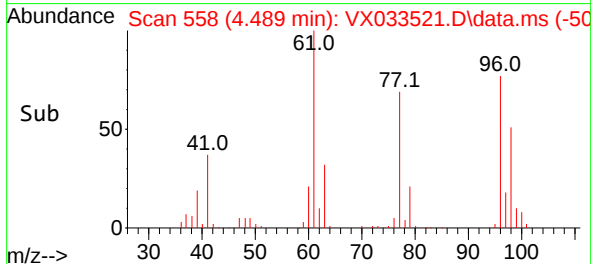
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 8935
 Ion Ratio Lower Upper
 96 100
 61 132.8 0.0 286.0
 98 65.1 0.0 129.6

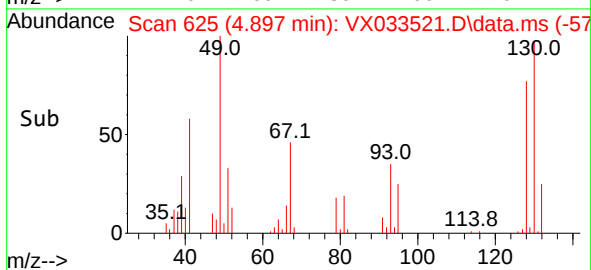
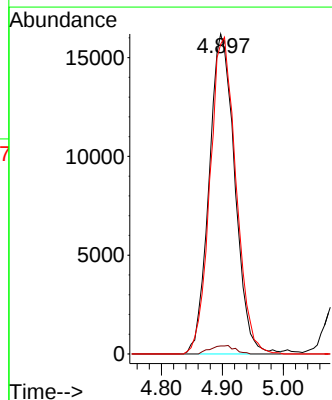
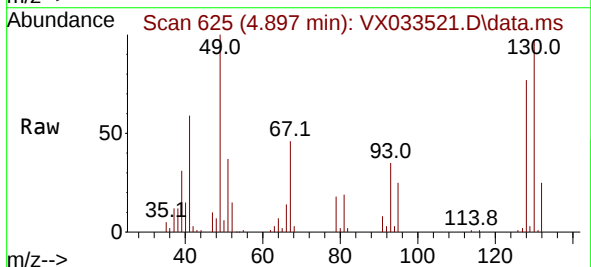
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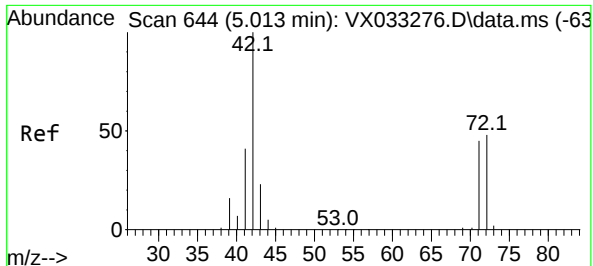
Reviewed By :John Carlone 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022



#28
 Bromochloromethane
 Concen: 39.575 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.006 min
 Lab File: VX033521.D
 Acq: 20 Dec 2022 20:16

Tgt Ion: 49 Resp: 47498
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 3.8
 130 99.9 67.5 101.3





#29

Tetrahydrofuran

Concen: 209.385 ug/l

RT: 5.001 min Scan# 64

Delta R.T. -0.012 min

Lab File: VX033521.D

Acq: 20 Dec 2022 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 145428

Ion Ratio Lower Upper

42 100

72 52.5 37.6 56.4

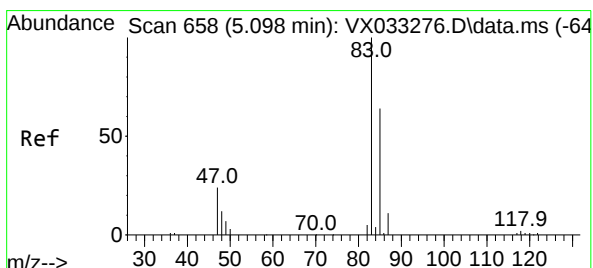
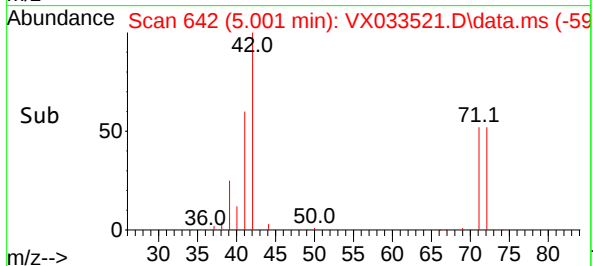
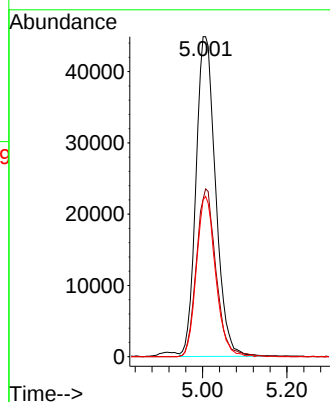
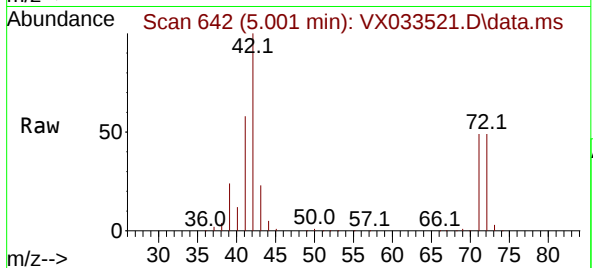
71 48.9 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#30

Chloroform

Concen: 47.447 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX033521.D

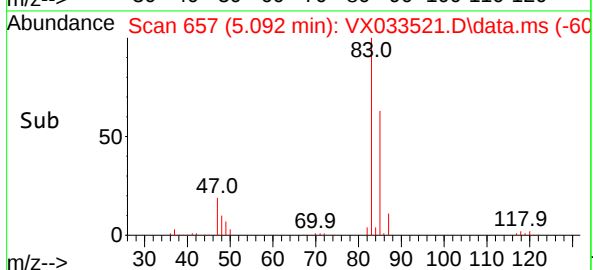
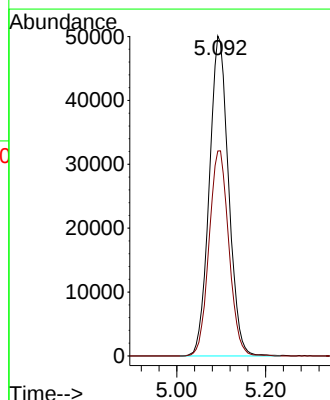
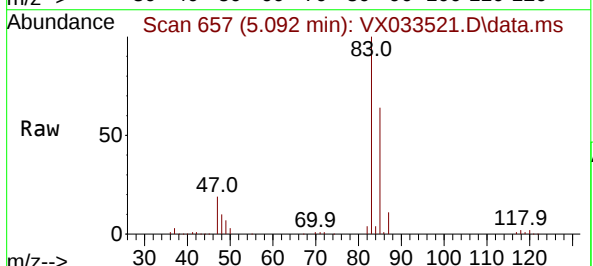
Acq: 20 Dec 2022 20:16

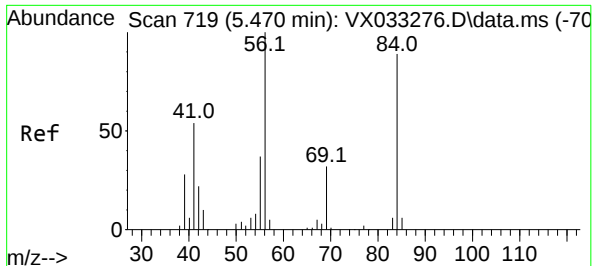
Tgt Ion: 83 Resp: 151026

Ion Ratio Lower Upper

83 100

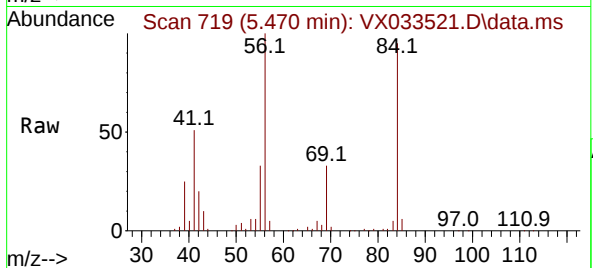
85 64.1 51.1 76.7





#31
Cyclohexane
Concen: 46.348 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

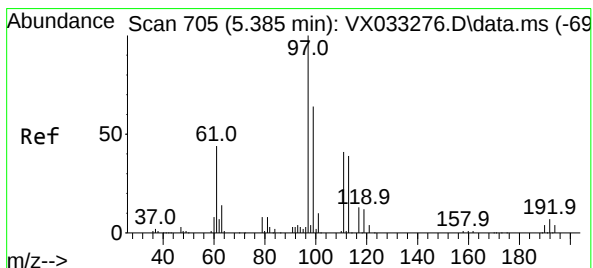
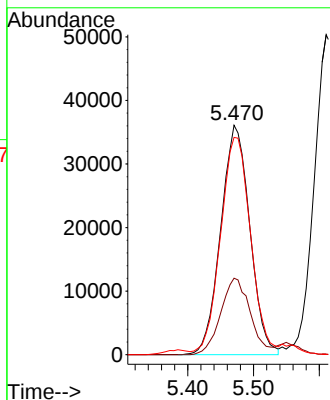
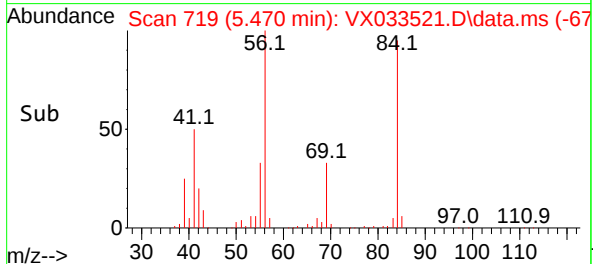
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 111168
Ion Ratio Lower Upper
56 100
69 33.3 24.1 36.1
84 92.5 66.9 100.3

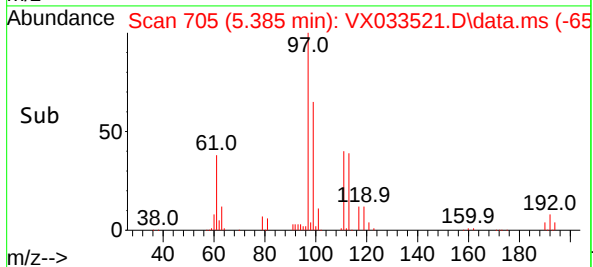
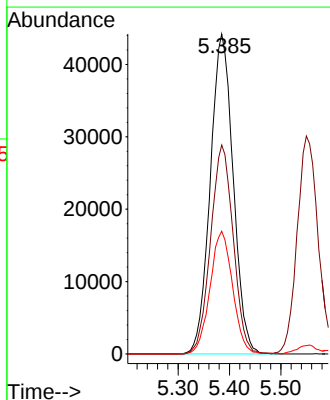
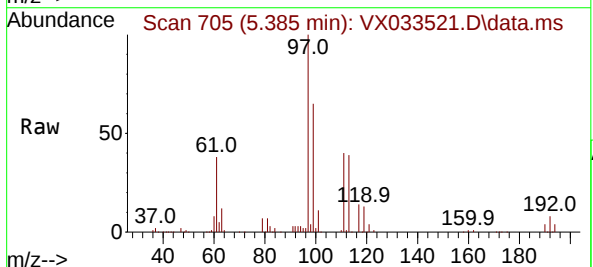
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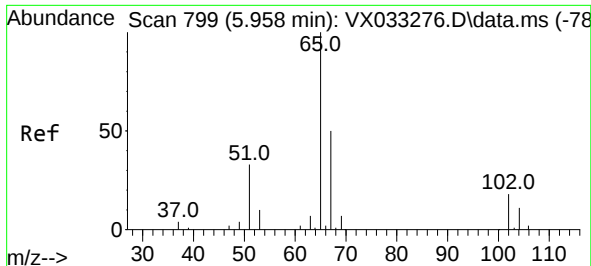
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#32
1,1,1-Trichloroethane
Concen: 49.916 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

Tgt Ion: 97 Resp: 136703
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.0
61 37.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 38.085 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033521.D

Acq: 20 Dec 2022 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 3843

Ion Ratio Lower Upper

65 100

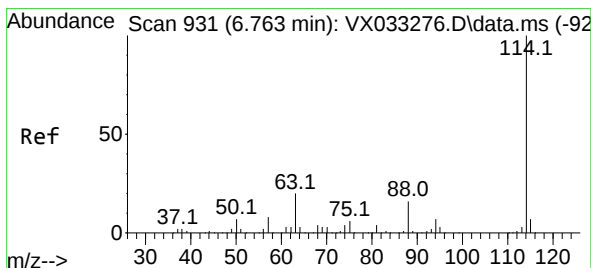
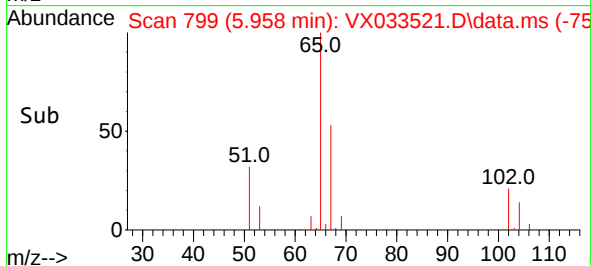
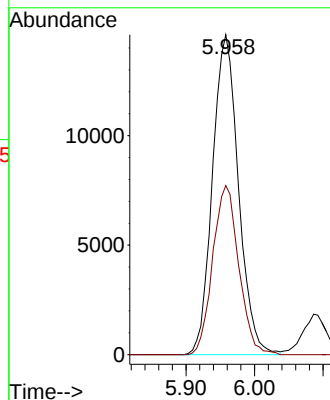
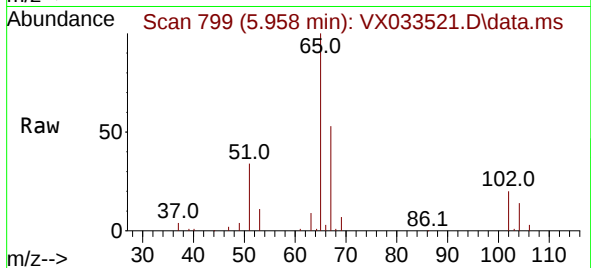
67 53.0 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033521.D

Acq: 20 Dec 2022 20:16

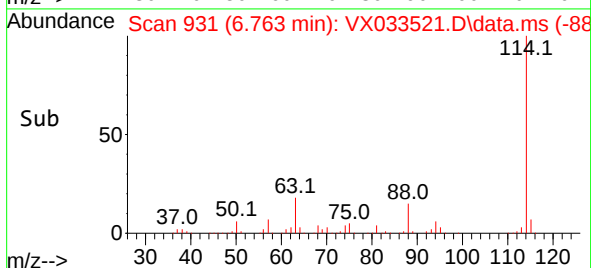
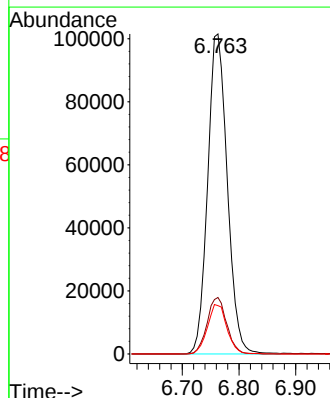
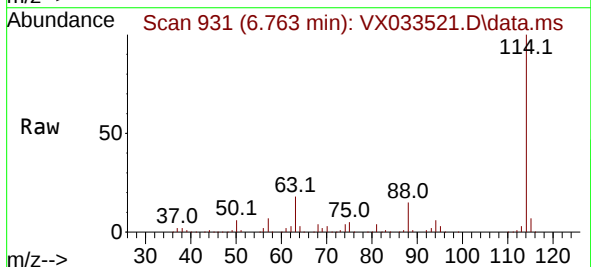
Tgt Ion:114 Resp: 243841

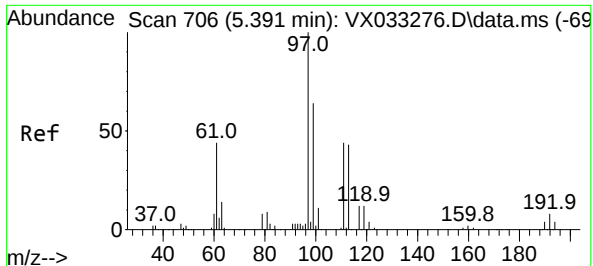
Ion Ratio Lower Upper

114 100

63 17.6 0.0 41.6

88 15.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.385 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX033521.D

Acq: 20 Dec 2022 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

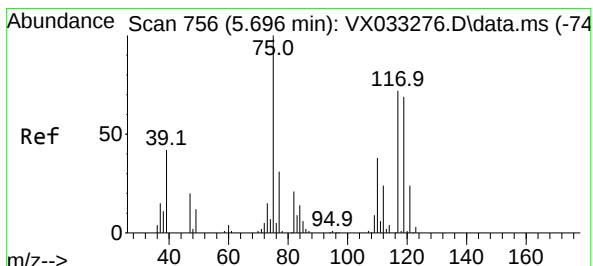
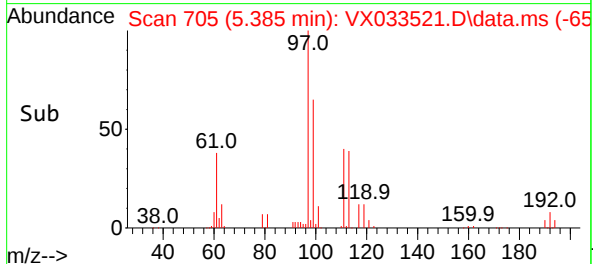
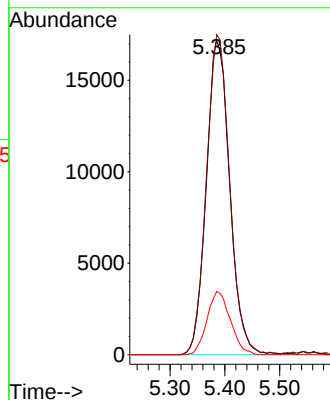
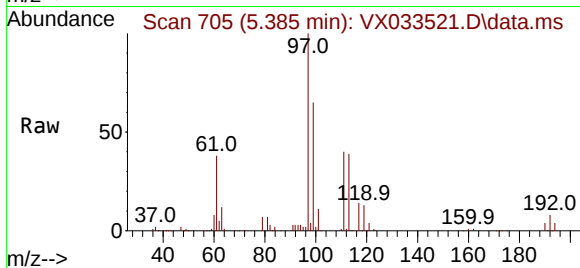
Tgt Ion:	113	Resp:	5087
Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.4	123.6
192	20.0	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#36

1,1-Dichloropropene

Concen: 49.983 ug/l

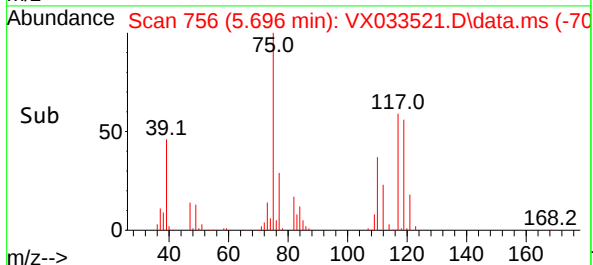
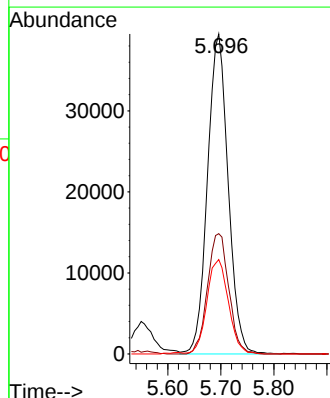
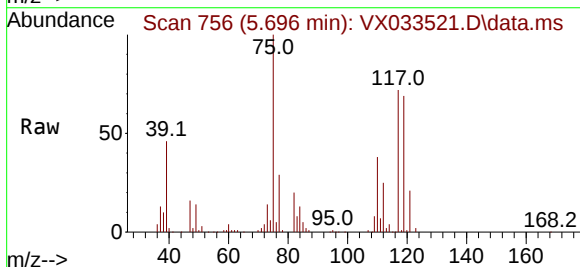
RT: 5.696 min Scan# 756

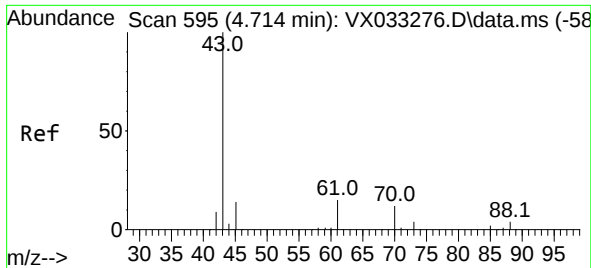
Delta R.T. 0.000 min

Lab File: VX033521.D

Acq: 20 Dec 2022 20:16

Tgt Ion:	75	Resp:	106878
Ion	Ratio	Lower	Upper
75	100		
110	38.8	18.4	55.2
77	30.8	24.5	36.7





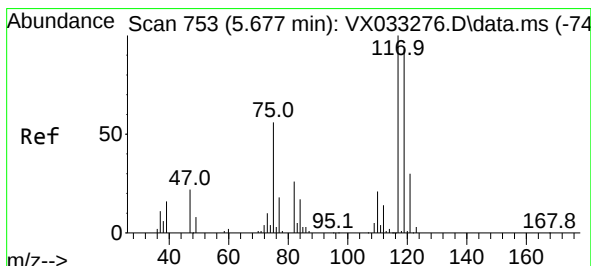
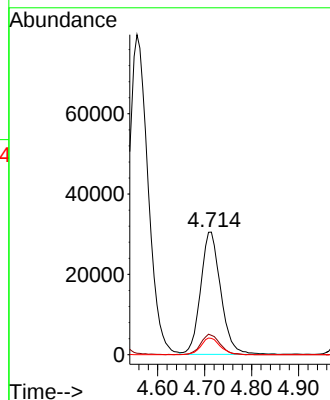
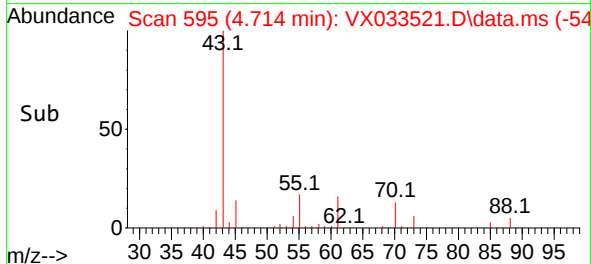
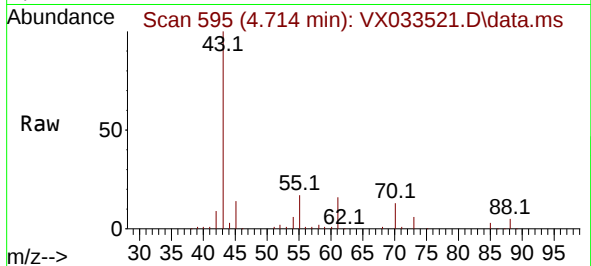
#37
Ethyl Acetate
Concen: 44.818 ug/l
RT: 4.714 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 9059
Ion Ratio Lower Upper
43 100
61 16.0 11.5 17.3
70 13.0 9.1 13.7

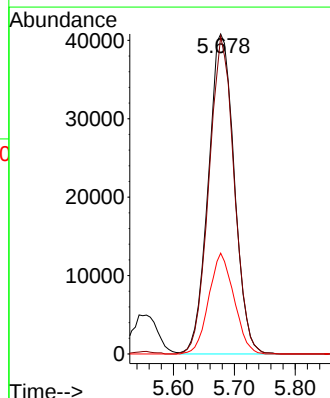
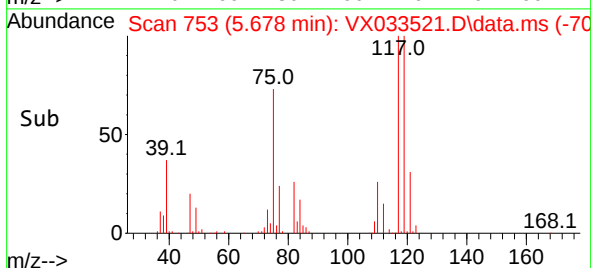
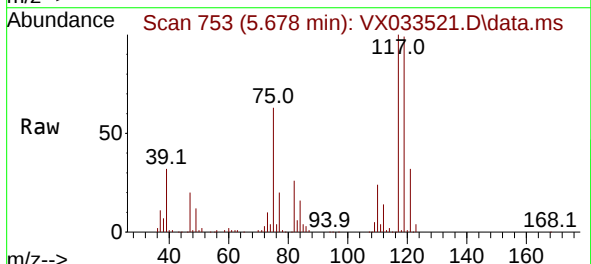
Manual Integrations
APPROVED

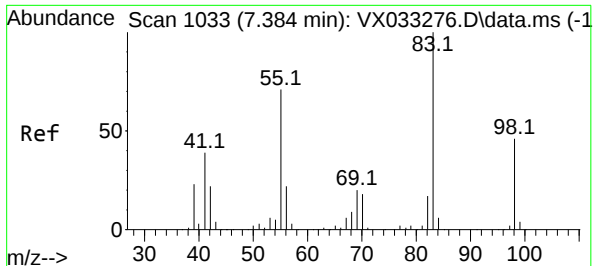
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#38
Carbon Tetrachloride
Concen: 50.466 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

Tgt Ion:117 Resp: 120904
Ion Ratio Lower Upper
117 100
119 99.2 77.2 115.8
121 31.5 25.8 38.6





#39

Methylcyclohexane

Concen: 51.647 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX033521.D

Acq: 20 Dec 2022 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 12361

Ion Ratio Lower Upper

83 100

55 69.5 58.4 87.6

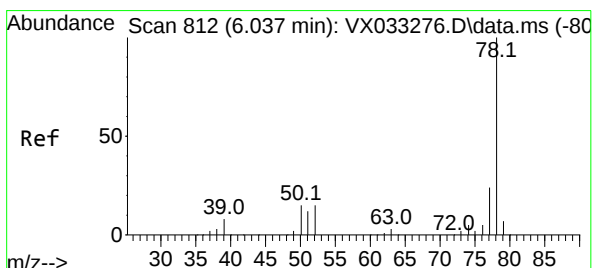
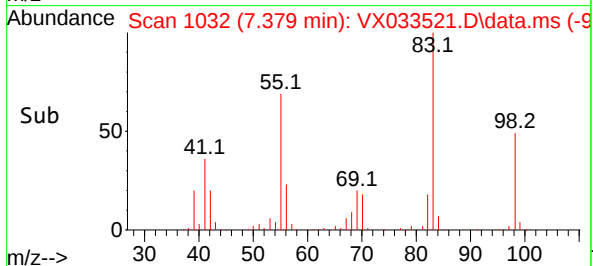
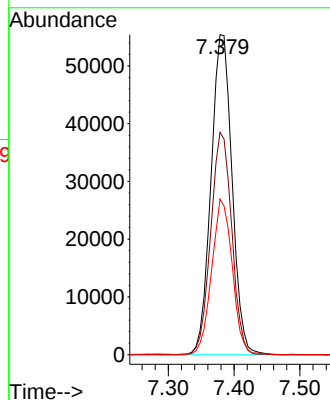
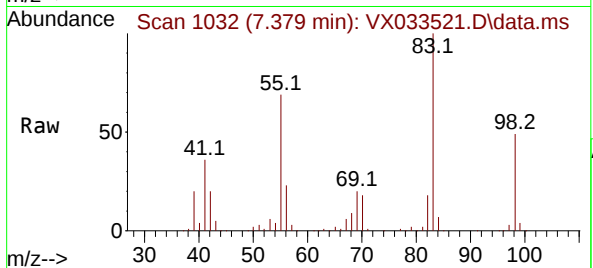
98 48.6 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#40

Benzene

Concen: 50.008 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX033521.D

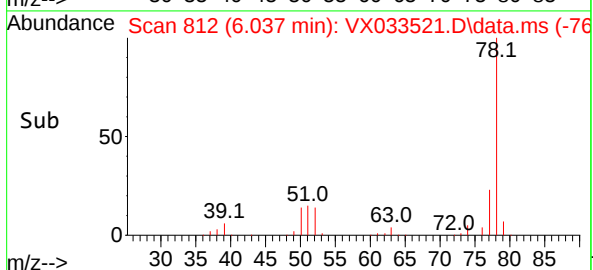
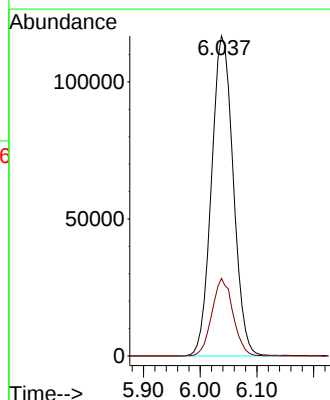
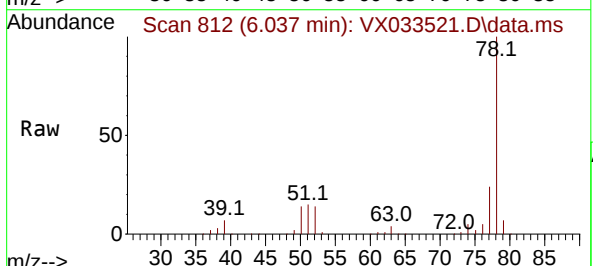
Acq: 20 Dec 2022 20:16

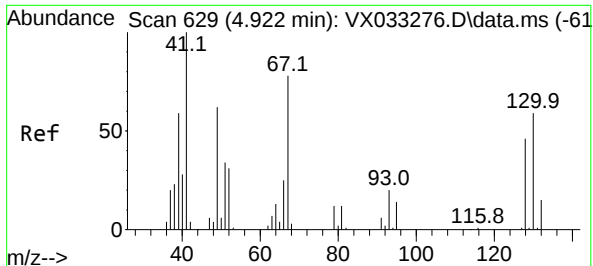
Tgt Ion: 78 Resp: 311778

Ion Ratio Lower Upper

78 100

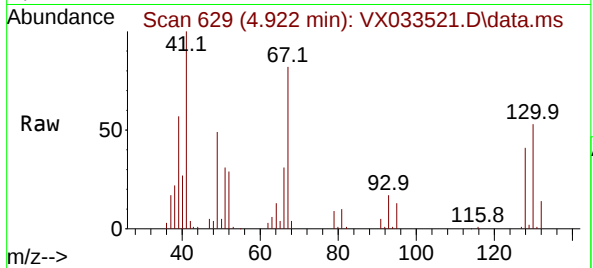
77 24.2 19.0 28.4





#41
Methacrylonitrile
Concen: 45.269 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

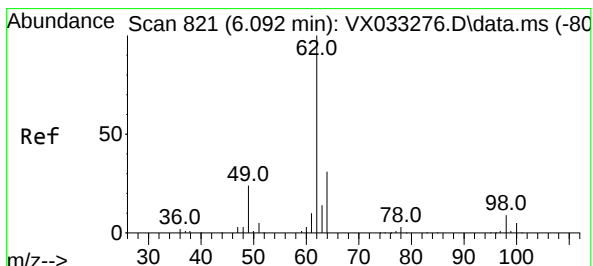
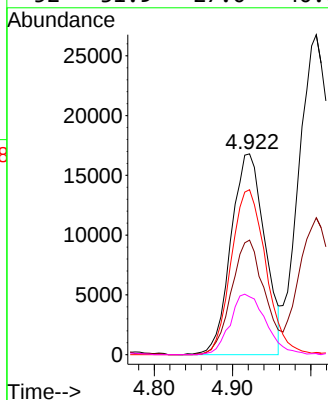
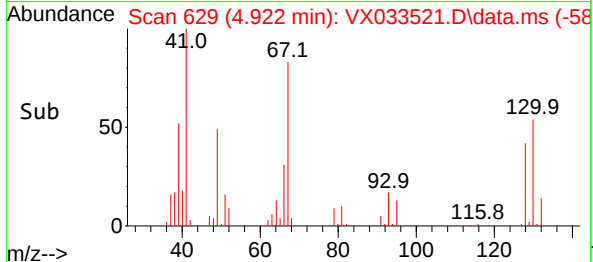
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	41	Resp:	5042
Ion	Ratio	Lower	Upper
41	100		
39	56.4	47.5	71.3
67	84.8	60.5	90.7
52	31.9	27.0	40.6

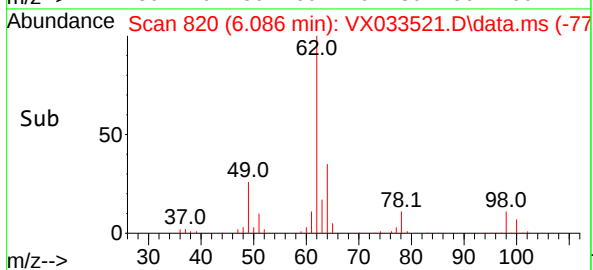
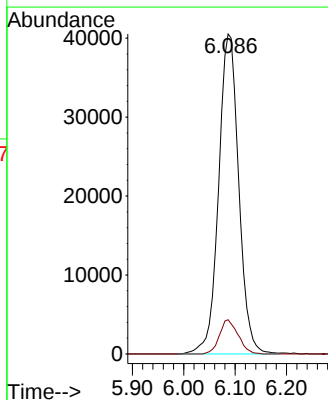
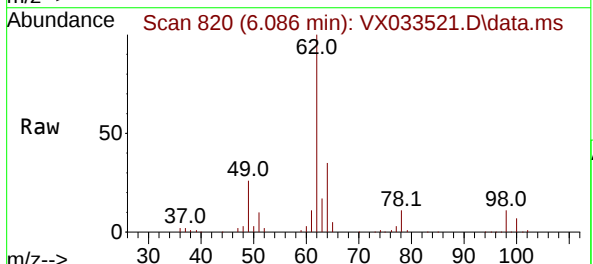
Manual Integrations
APPROVED

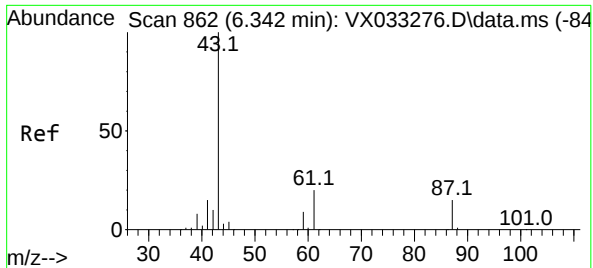
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#42
1,2-Dichloroethane
Concen: 44.548 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

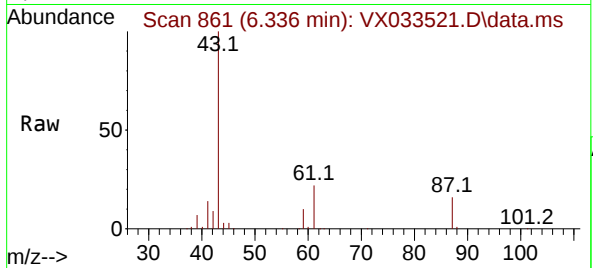
Tgt Ion:	62	Resp:	110288
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	16.0





#43
Isopropyl Acetate
Concen: 48.261 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

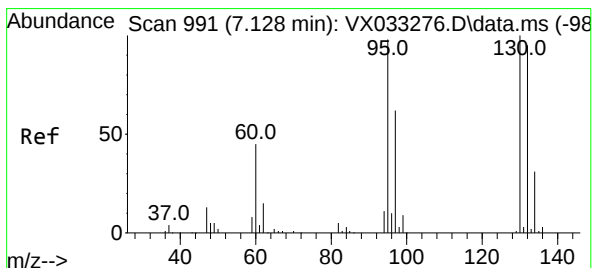
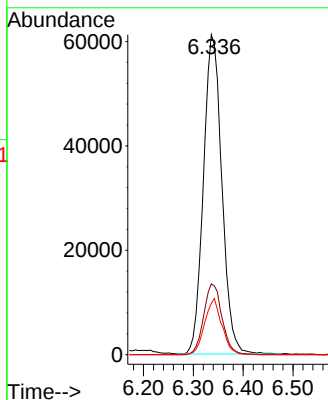
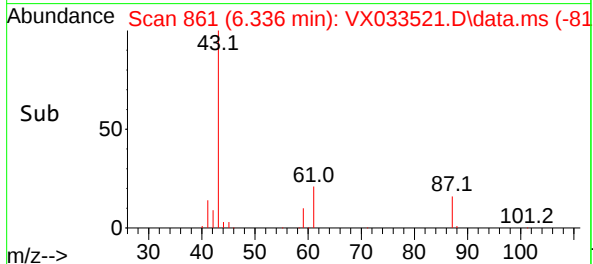
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



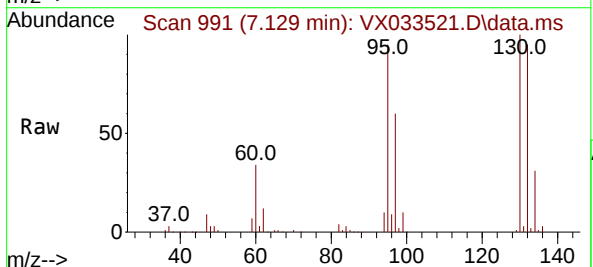
Tgt Ion: 43 Resp: 156950
Ion Ratio Lower Upper
43 100
61 22.1 15.4 23.0
87 16.4 10.8 16.2

Manual Integrations
APPROVED

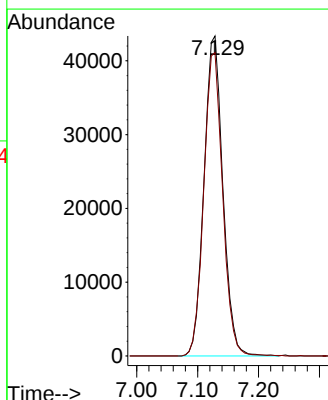
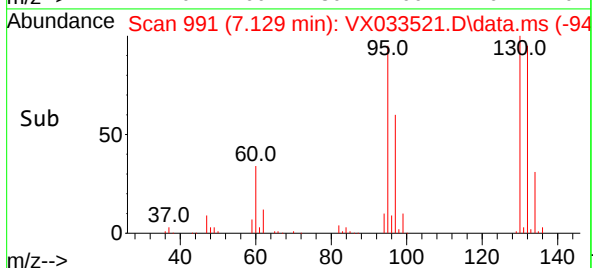
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

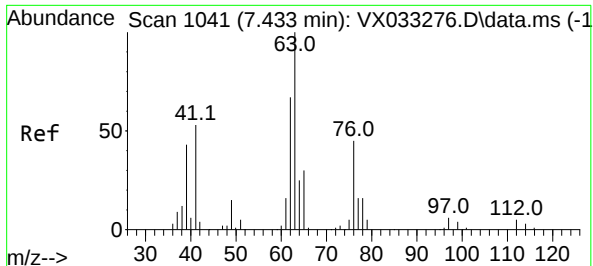


#44
Trichloroethene
Concen: 54.392 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16



Tgt Ion:130 Resp: 93496
Ion Ratio Lower Upper
130 100
95 94.8 0.0 195.2





#45

1,2-Dichloropropane

Concen: 50.017 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX033521.D

Acq: 20 Dec 2022 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 79749

Ion Ratio Lower Upper

63 100

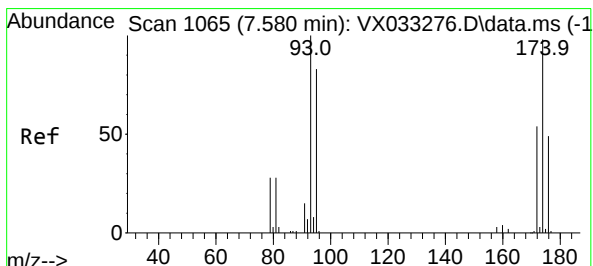
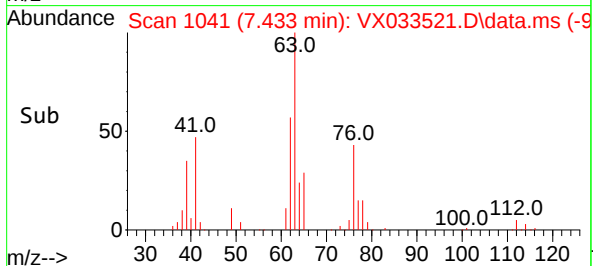
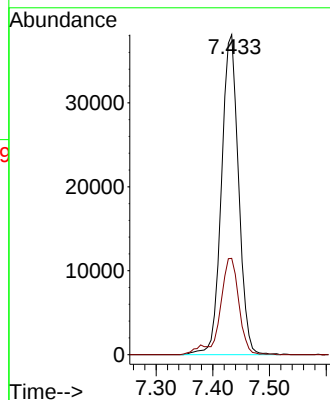
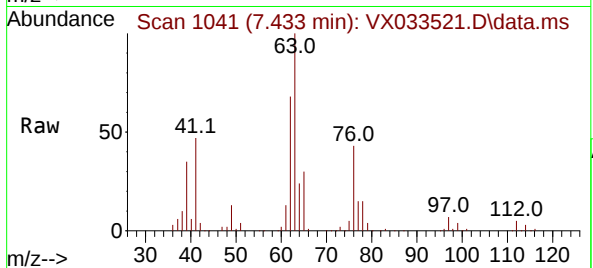
65 30.1 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#46

Dibromomethane

Concen: 49.927 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033521.D

Acq: 20 Dec 2022 20:16

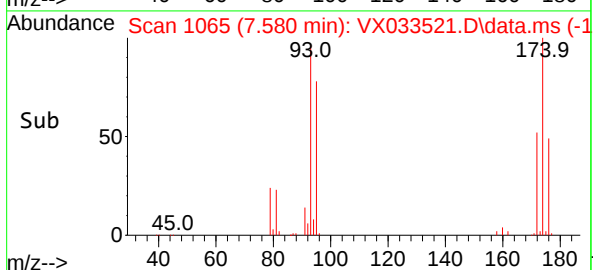
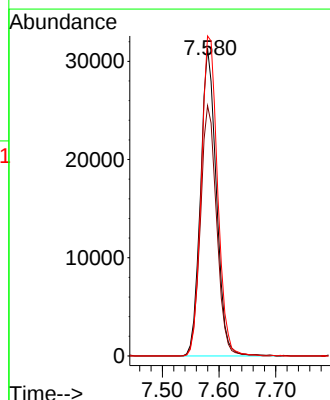
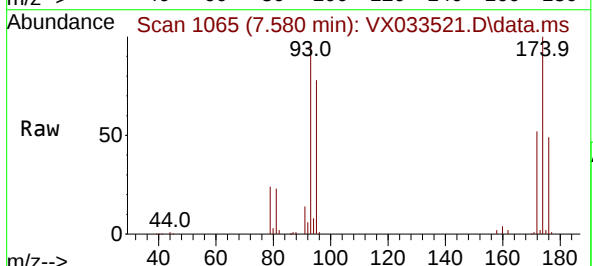
Tgt Ion: 93 Resp: 60643

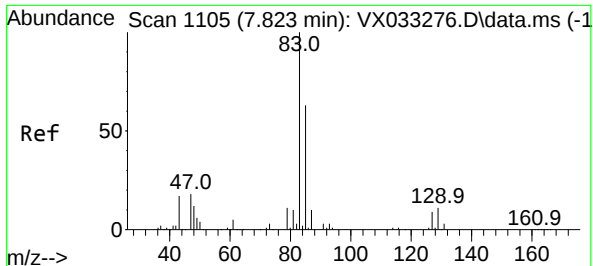
Ion Ratio Lower Upper

93 100

95 83.4 65.8 98.8

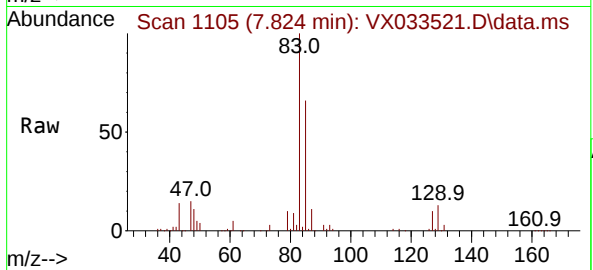
174 107.2 79.8 119.6





#47
Bromodichloromethane
Concen: 50.338 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

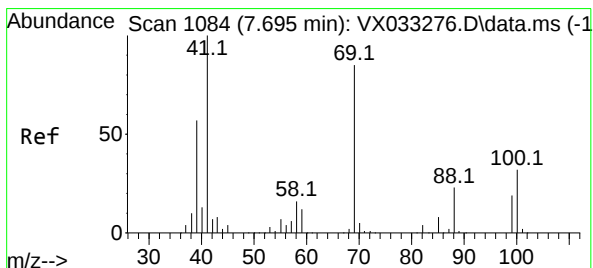
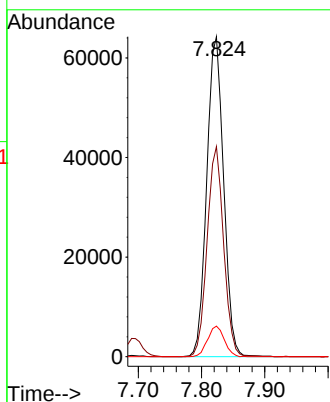
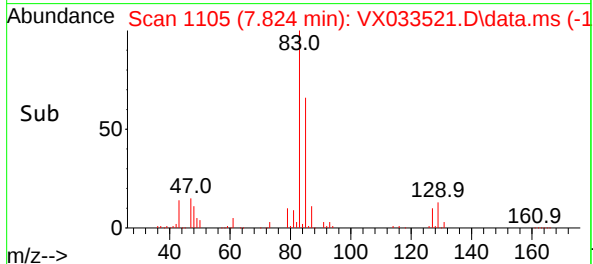
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



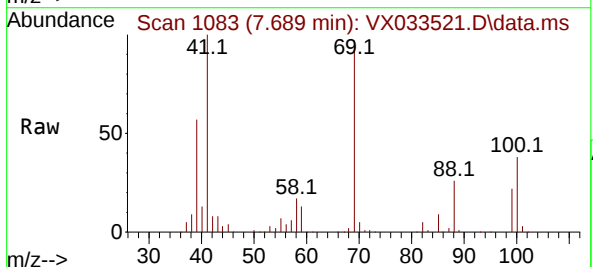
Tgt Ion: 83 Resp: 119184
Ion Ratio Lower Upper
83 100
85 65.6 52.2 78.4
127 9.6 7.4 11.2

Manual Integrations
APPROVED

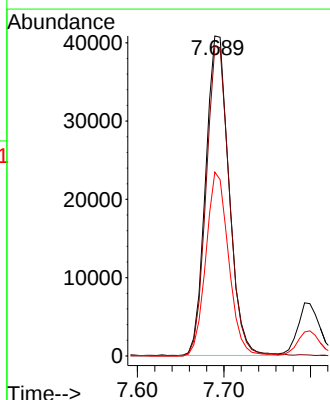
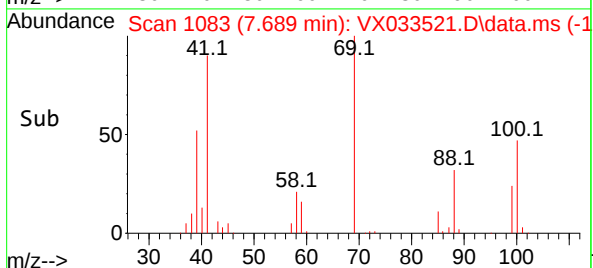
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

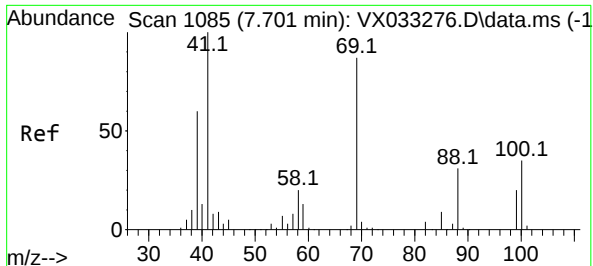


#48
Methyl methacrylate
Concen: 45.508 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16



Tgt Ion: 41 Resp: 76386
Ion Ratio Lower Upper
41 100
69 96.1 65.1 97.7
39 56.2 51.9 77.9





#49

1,4-Dioxane

Concen: 882.762 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. 0.000 min

Lab File: VX033521.D

Acq: 20 Dec 2022 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 3378

Ion Ratio Lower Upper

88 100

43 27.0 26.6 39.8

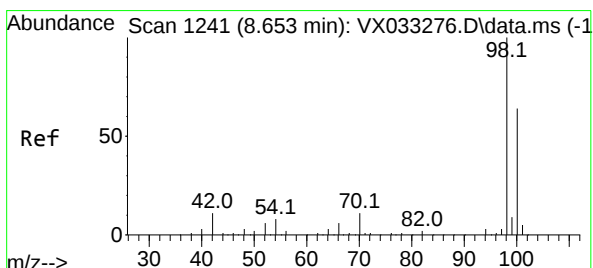
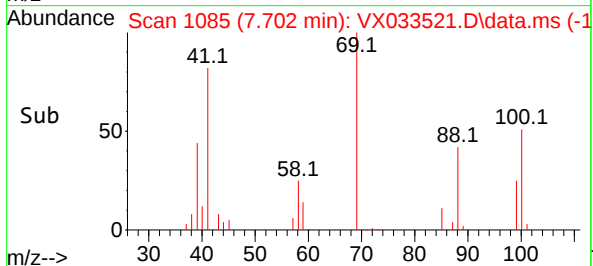
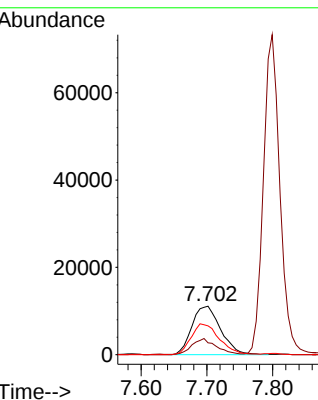
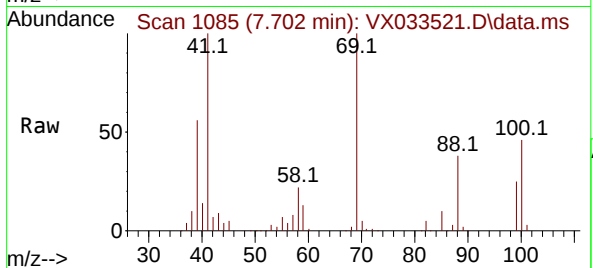
58 62.2 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#50

Toluene-d8

Concen: 45.521 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX033521.D

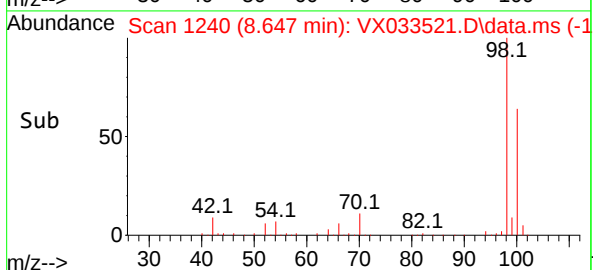
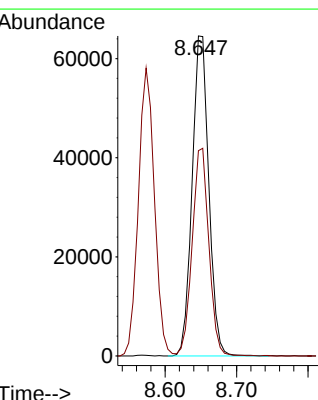
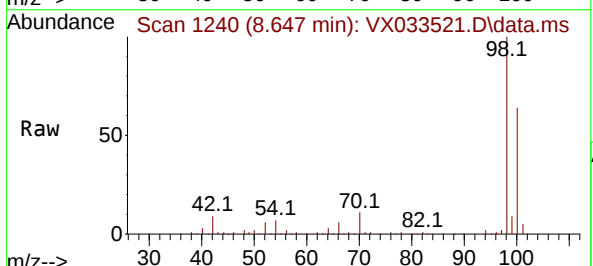
Acq: 20 Dec 2022 20:16

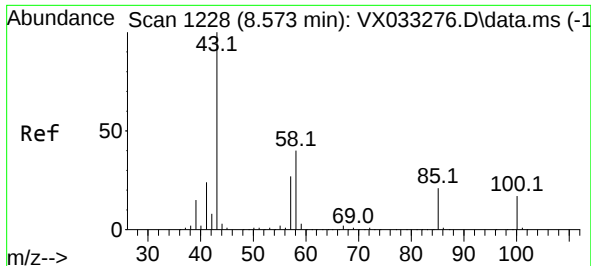
Tgt Ion: 98 Resp: 104440

Ion Ratio Lower Upper

98 100

100 65.0 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 228.454 ug/l

RT: 8.573 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033521.D

Acq: 20 Dec 2022 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 469860

Ion Ratio Lower Upper

43 100

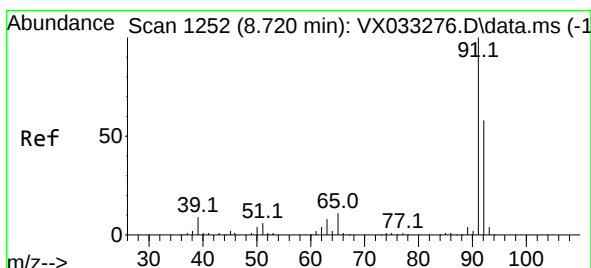
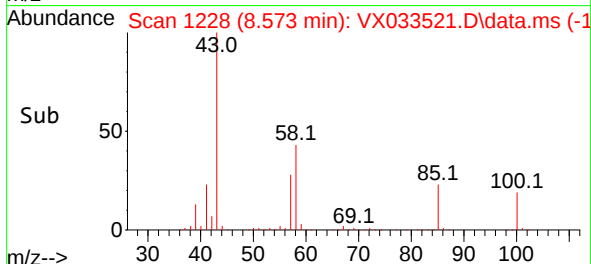
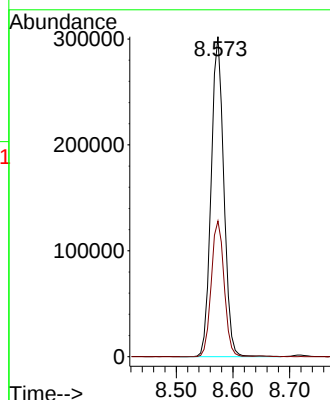
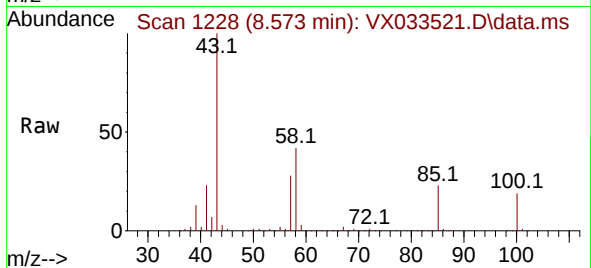
58 43.0 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#52

Toluene

Concen: 51.324 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX033521.D

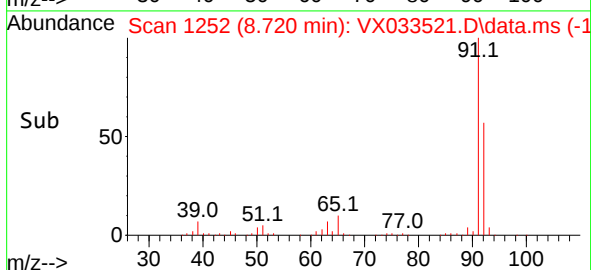
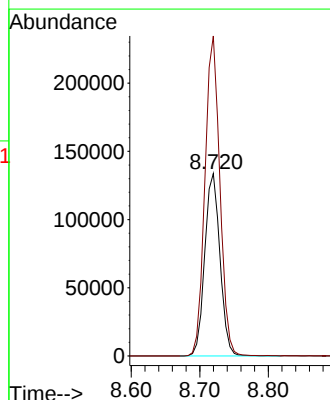
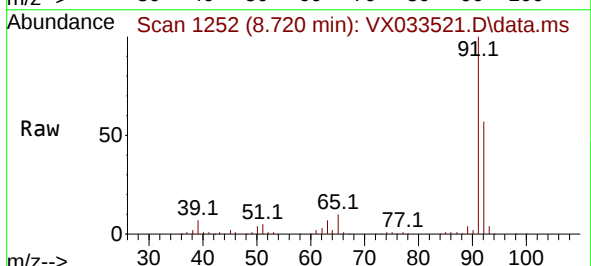
Acq: 20 Dec 2022 20:16

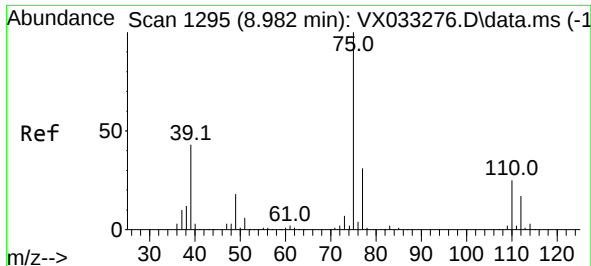
Tgt Ion: 92 Resp: 206886

Ion Ratio Lower Upper

92 100

91 172.3 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 47.841 ug/l

RT: 8.976 min Scan# 1295

Delta R.T. -0.006 min

Lab File: VX033521.D

Acq: 20 Dec 2022 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 12139

Ion Ratio Lower Upper

75 100

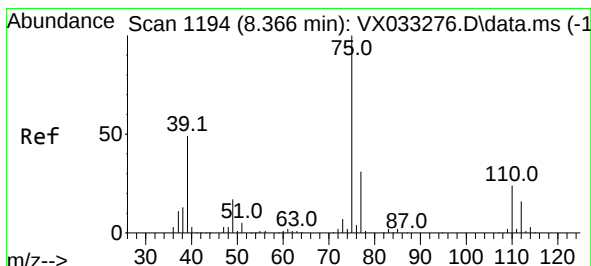
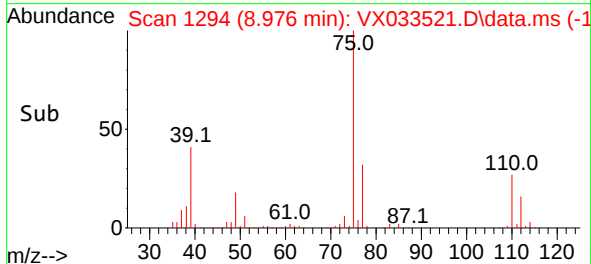
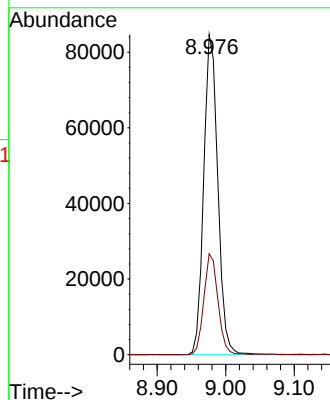
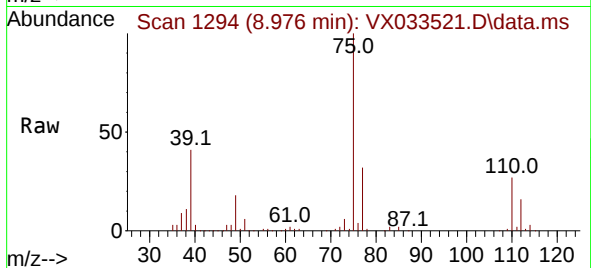
77 31.6 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#54

cis-1,3-Dichloropropene

Concen: 52.411 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033521.D

Acq: 20 Dec 2022 20:16

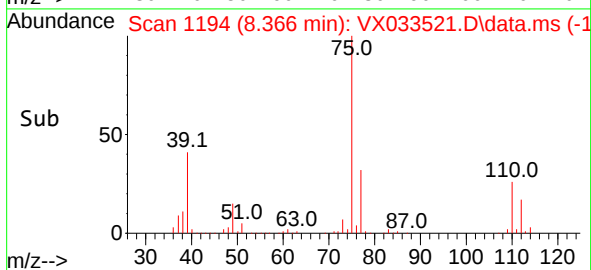
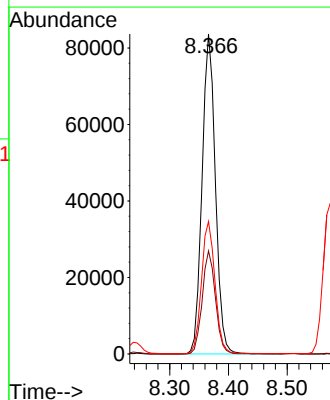
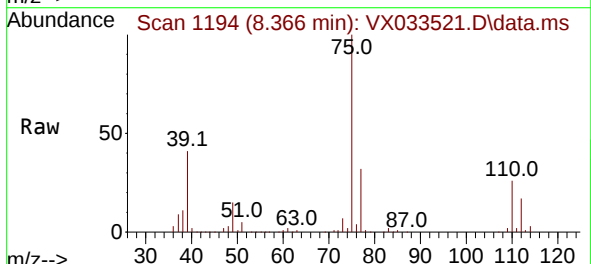
Tgt Ion: 75 Resp: 132049

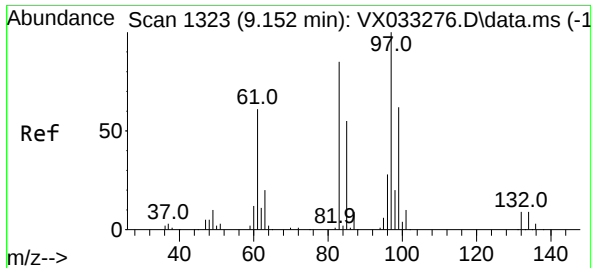
Ion Ratio Lower Upper

75 100

77 32.2 25.1 37.7

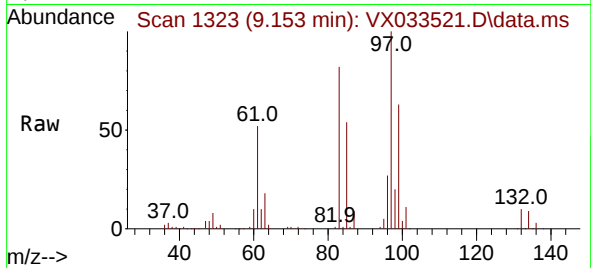
39 41.3 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 51.440 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

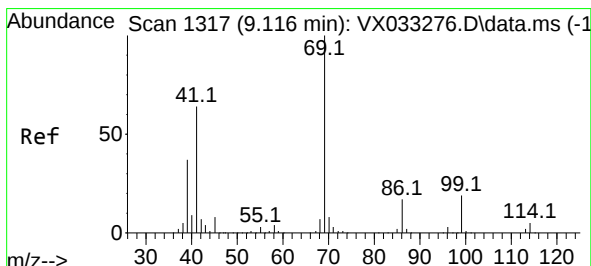
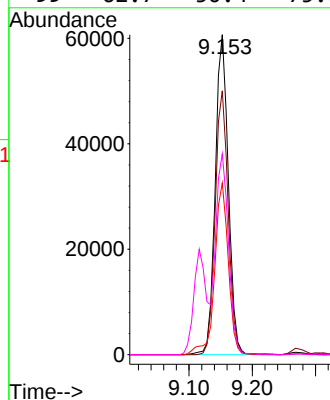
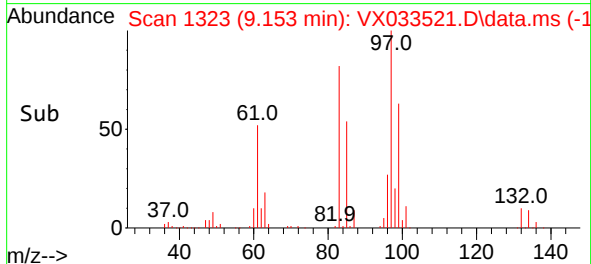
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



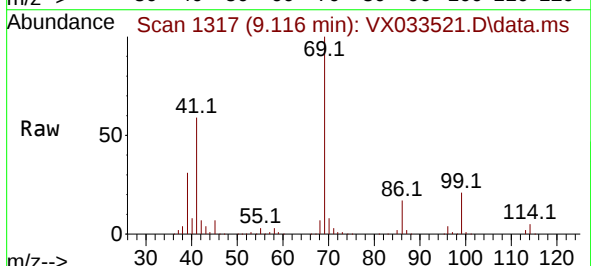
Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.5	68.1	102.1
85	53.7	43.3	64.9
99	62.7	50.4	75.6

Manual Integrations
APPROVED

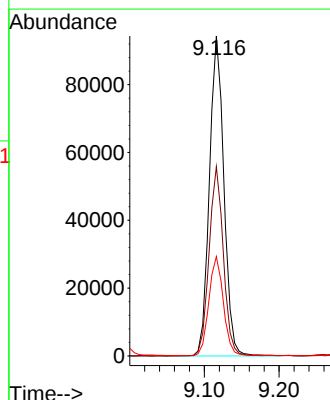
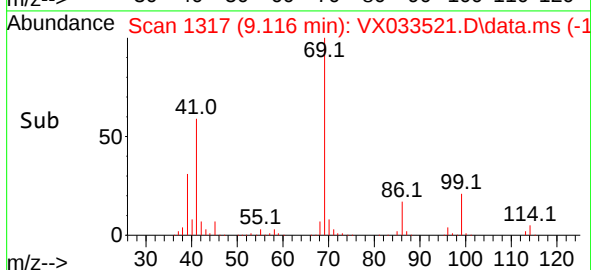
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

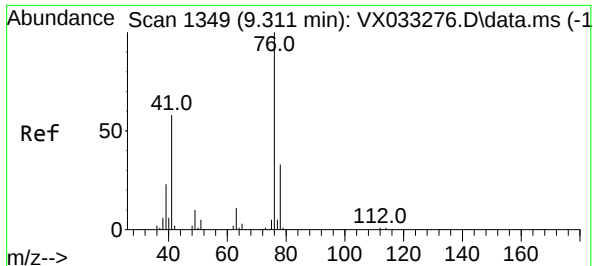


#56
Ethyl methacrylate
Concen: 53.210 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16



Tgt Ion	Ratio	Lower	Upper
69	100		
41	58.9	54.3	81.5
39	31.0	35.2	52.8





#57

1,3-Dichloropropane

Concen: 50.023 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033521.D

Acq: 20 Dec 2022 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 13616

Ion Ratio Lower Upper

76 100

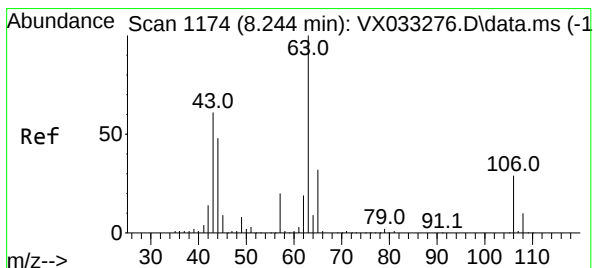
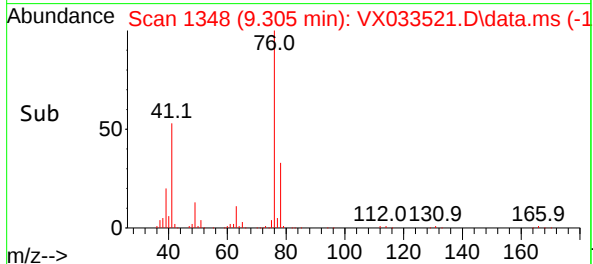
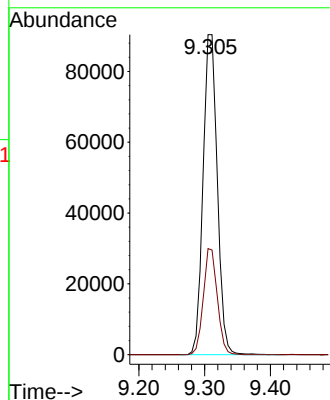
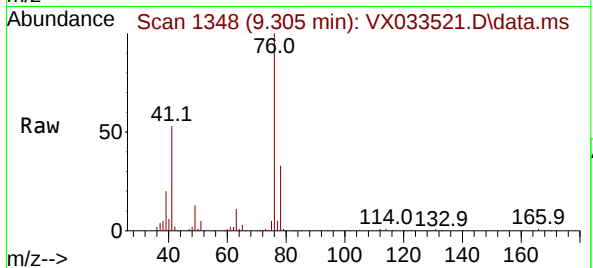
78 32.5 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#58

2-Chloroethyl Vinyl ether

Concen: 248.892 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX033521.D

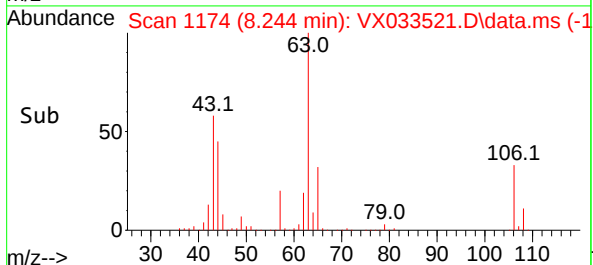
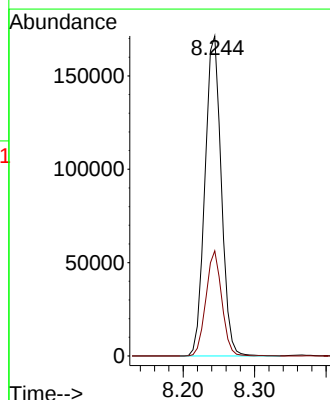
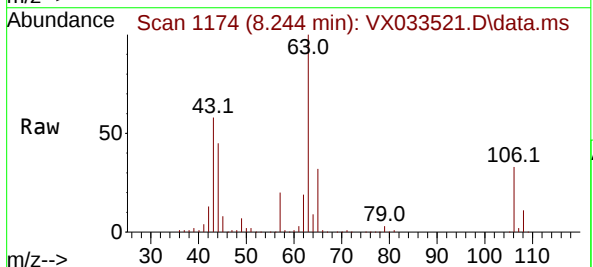
Acq: 20 Dec 2022 20:16

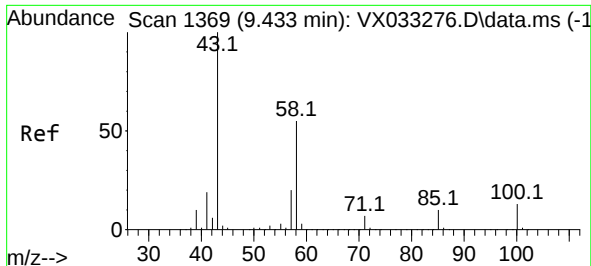
Tgt Ion: 63 Resp: 271695

Ion Ratio Lower Upper

63 100

106 31.9 23.3 34.9





#59

2-Hexanone

Concen: 224.891 ug/l

RT: 9.433 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033521.D

Acq: 20 Dec 2022 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 340854

Ion Ratio Lower Upper

43 100

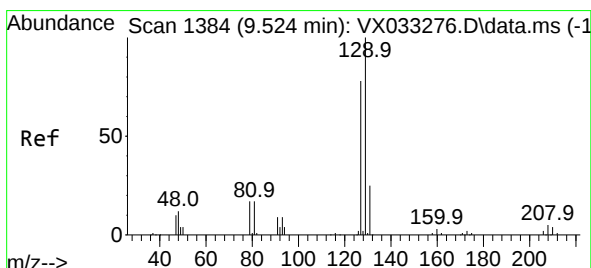
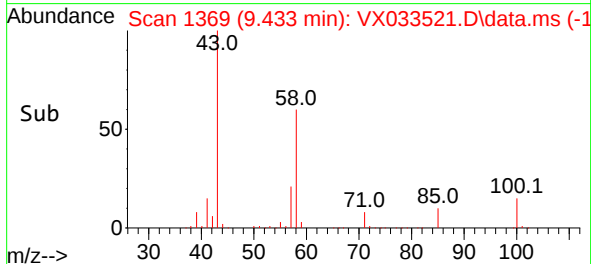
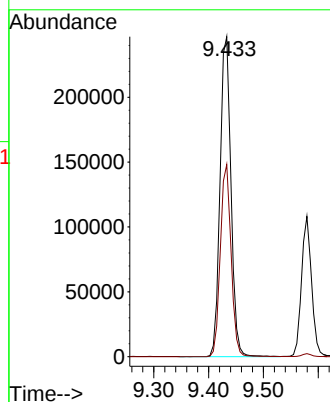
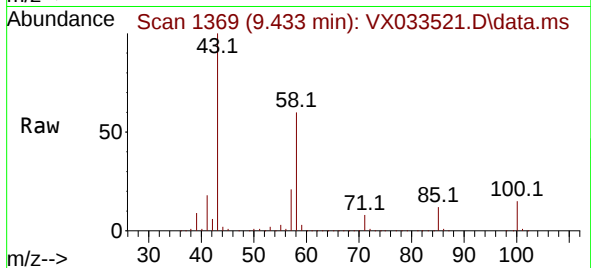
58 59.2 26.5 79.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#60

Dibromochloromethane

Concen: 52.734 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX033521.D

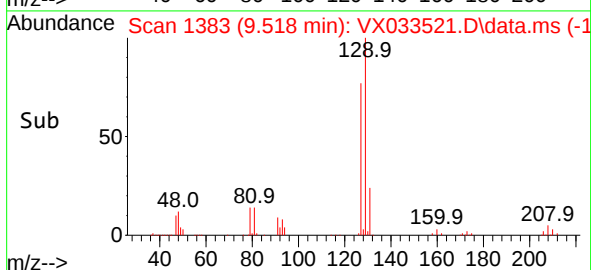
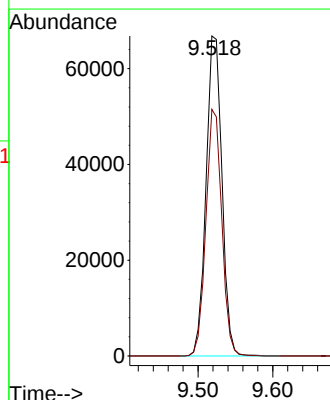
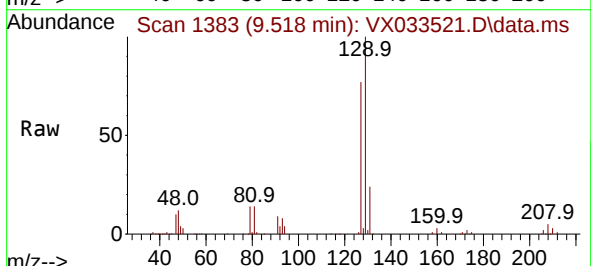
Acq: 20 Dec 2022 20:16

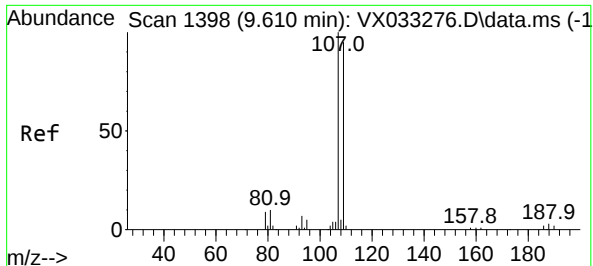
Tgt Ion:129 Resp: 98450

Ion Ratio Lower Upper

129 100

127 77.1 38.6 115.8





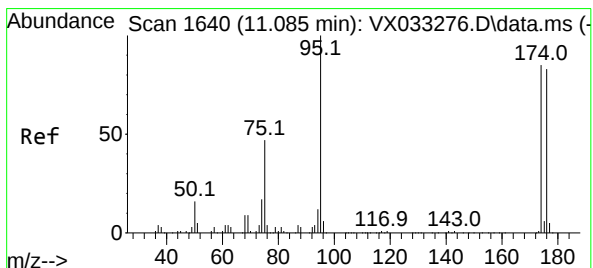
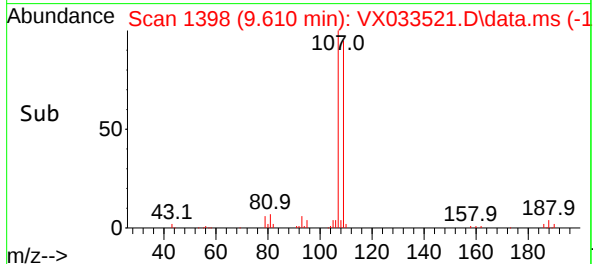
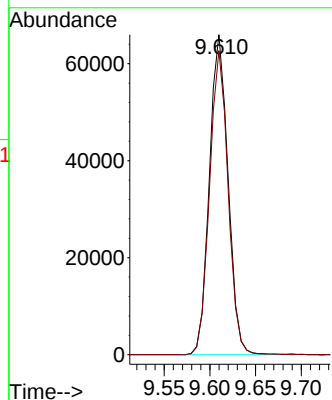
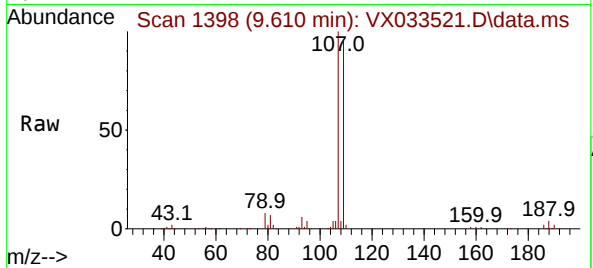
#61
1,2-Dibromoethane
Concen: 51.843 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 9344
Ion Ratio Lower Upper
107 100
109 94.2 76.0 114.0

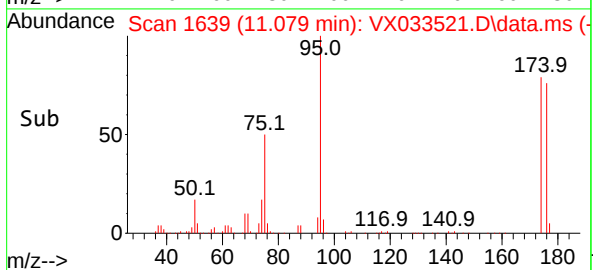
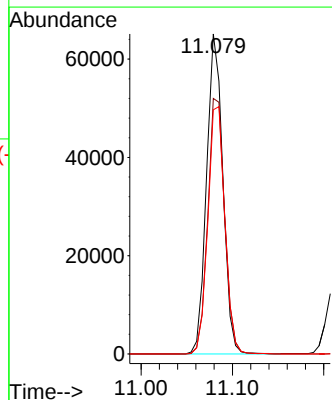
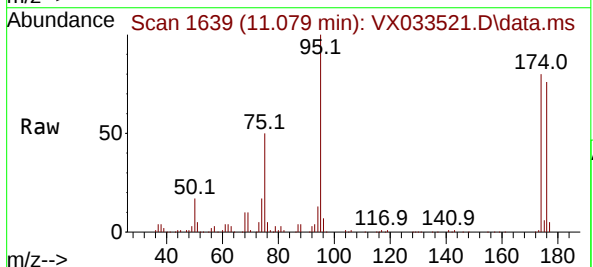
Manual Integrations
APPROVED

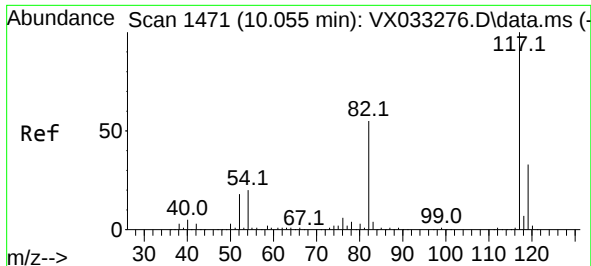
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#62
4-Bromofluorobenzene
Concen: 45.684 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

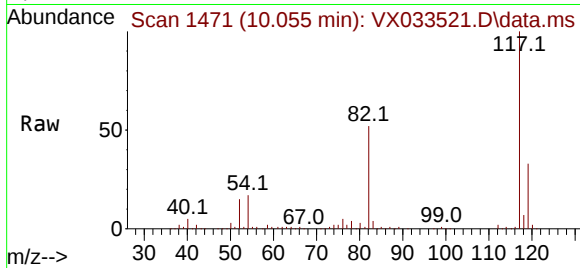
Tgt Ion: 95 Resp: 80143
Ion Ratio Lower Upper
95 100
174 83.3 0.0 164.0
176 80.9 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

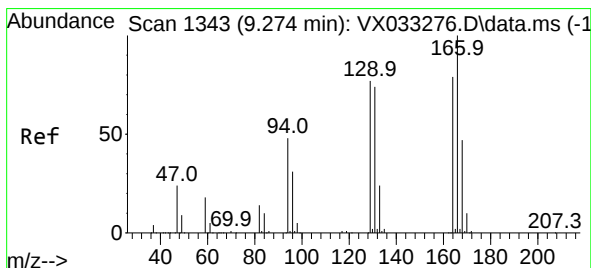
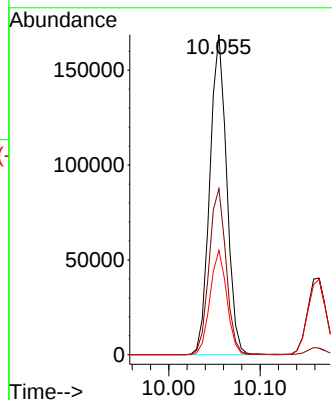
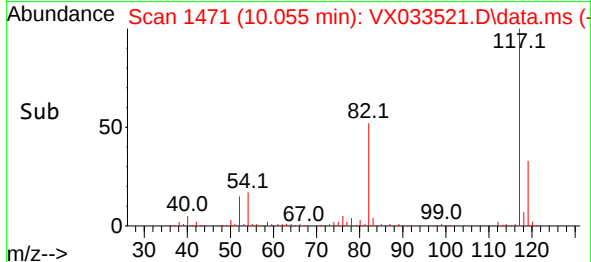
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 21638
Ion Ratio Lower Upper
117 100
82 51.9 44.3 66.5
119 32.6 25.7 38.5

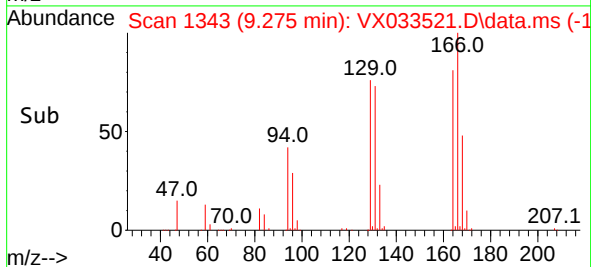
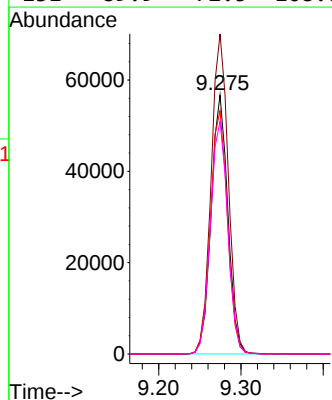
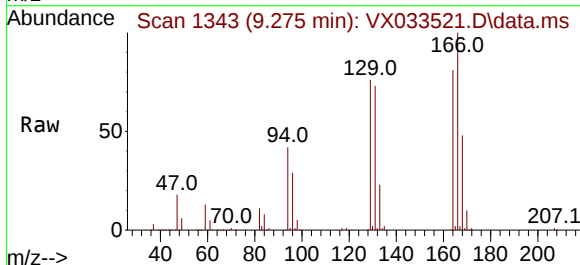
Manual Integrations
APPROVED

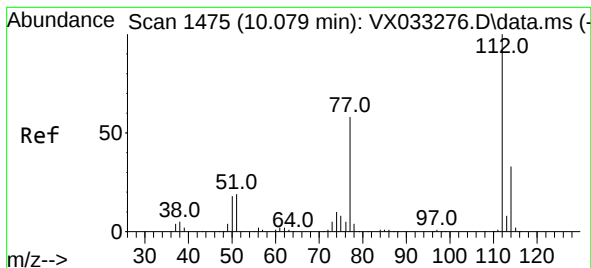
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#64
Tetrachloroethene
Concen: 53.891 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

Tgt Ion:164 Resp: 79737
Ion Ratio Lower Upper
164 100
166 123.6 105.4 158.2
129 94.0 78.2 117.2
131 89.9 72.5 108.7





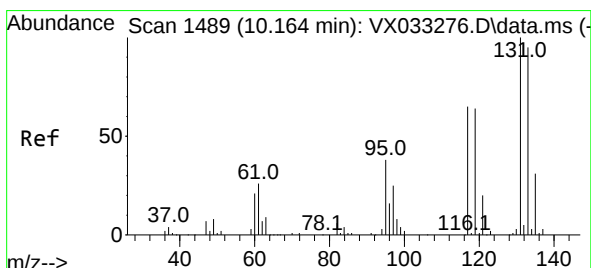
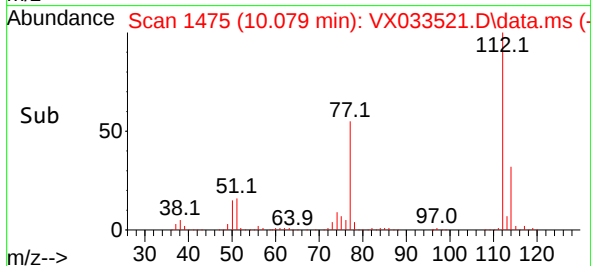
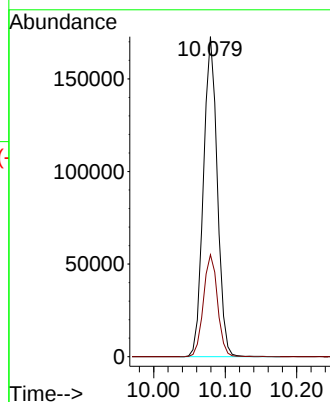
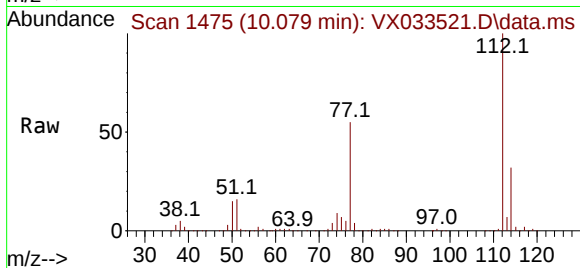
#65
Chlorobenzene
Concen: 53.177 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 233009
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2

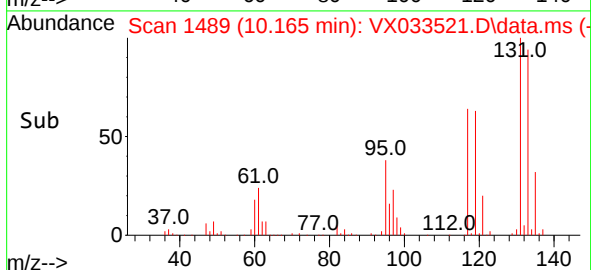
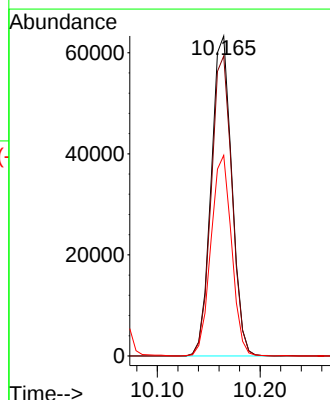
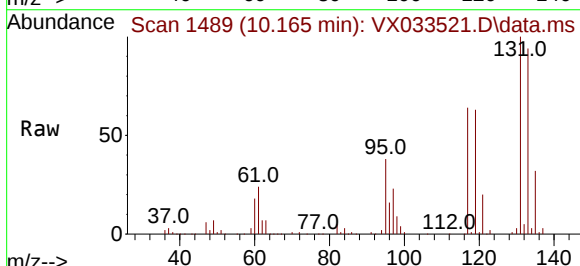
Manual Integrations
APPROVED

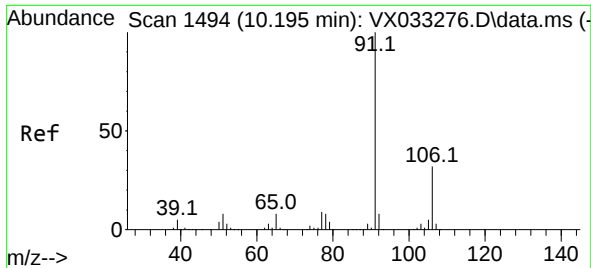
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 53.204 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

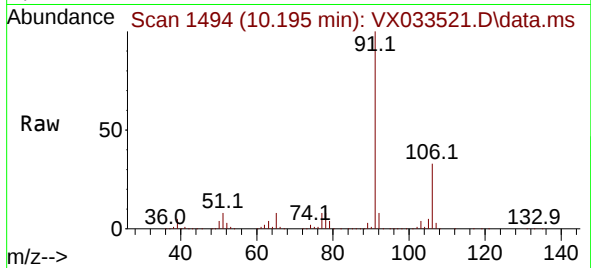
Tgt Ion:131 Resp: 88100
Ion Ratio Lower Upper
131 100
133 94.5 47.6 142.9
119 62.8 32.4 97.0





#67
Ethyl Benzene
Concen: 51.088 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

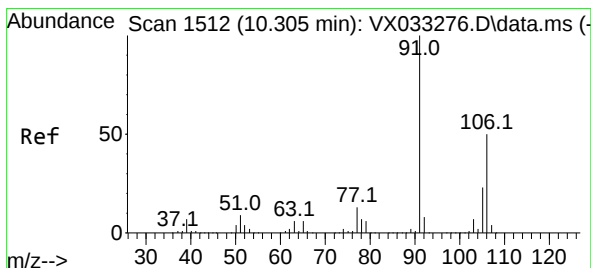
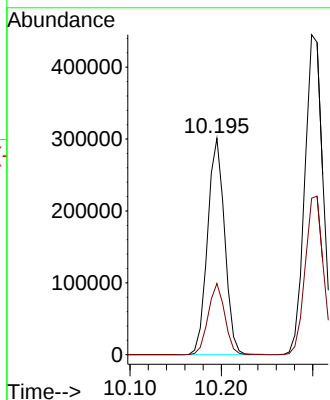
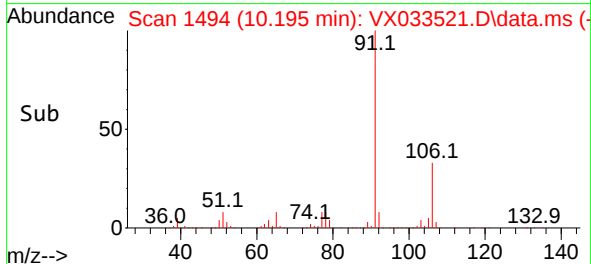
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



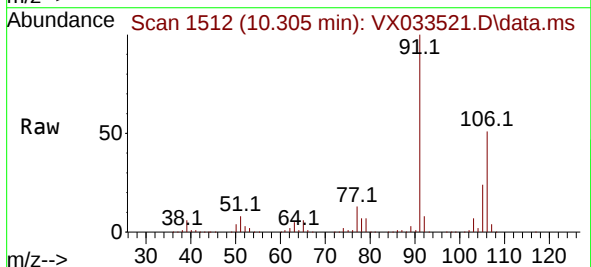
Tgt Ion: 91 Resp: 389990
Ion Ratio Lower Upper
91 100
106 32.9 25.0 37.6

Manual Integrations
APPROVED

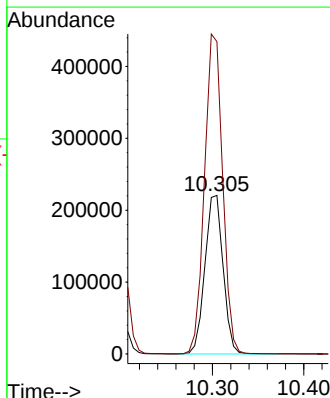
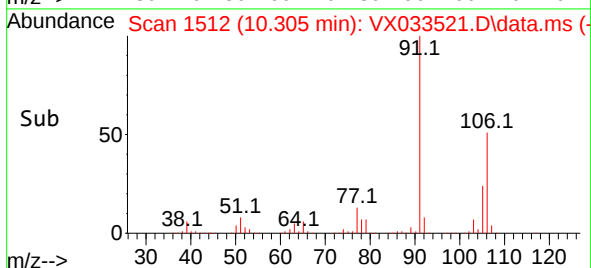
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

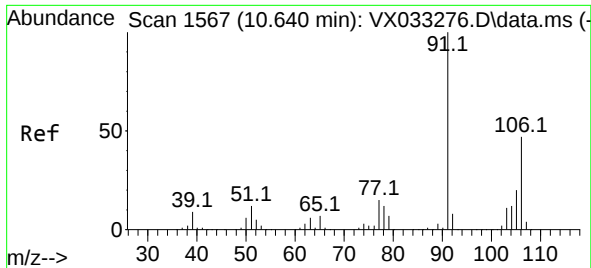


#68
m/p-Xylenes
Concen: 102.410 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16



Tgt Ion:106 Resp: 304158
Ion Ratio Lower Upper
106 100
91 201.4 164.5 246.7





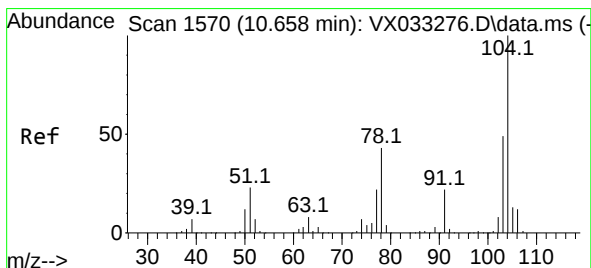
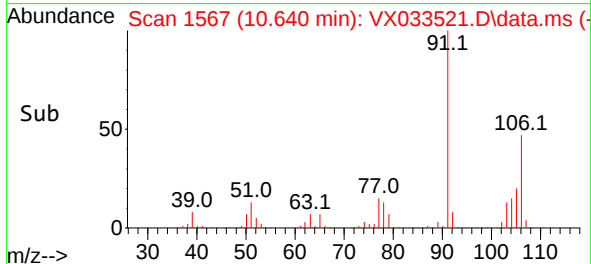
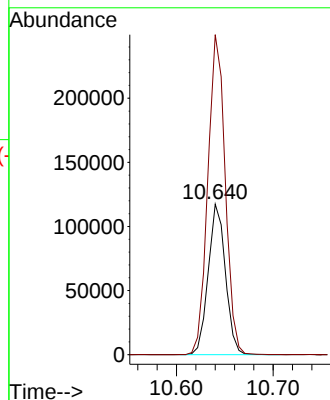
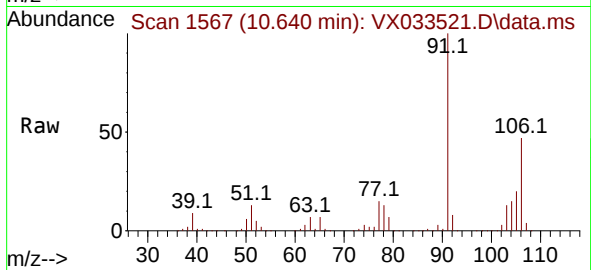
#69
o-Xylene
Concen: 49.543 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 14544
Ion Ratio Lower Upper
106 100
91 215.1 109.2 327.6

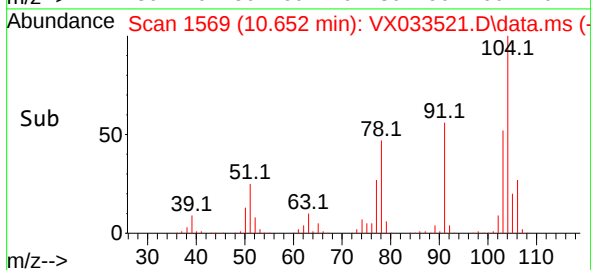
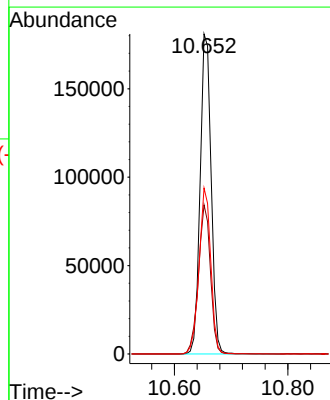
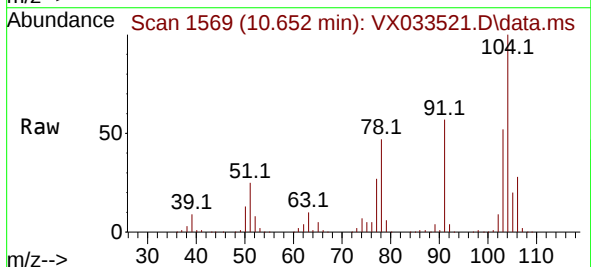
Manual Integrations
APPROVED

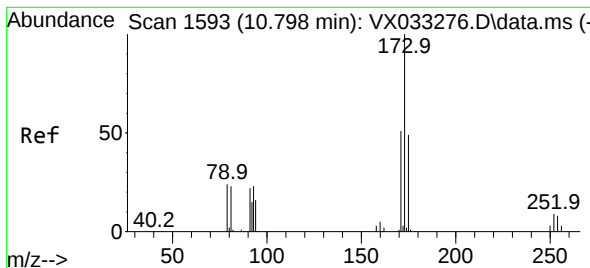
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#70
Styrene
Concen: 50.638 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

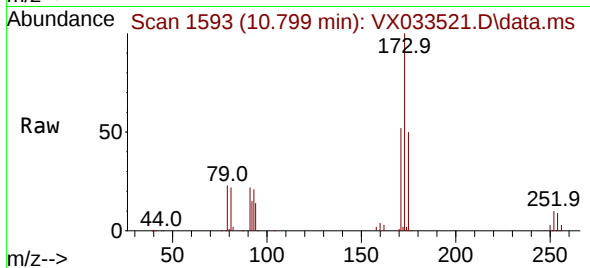
Tgt Ion:104 Resp: 243465
Ion Ratio Lower Upper
104 100
78 50.7 41.8 62.8
103 55.3 44.5 66.7





#71
Bromoform
Concen: 51.899 ug/l
RT: 10.799 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

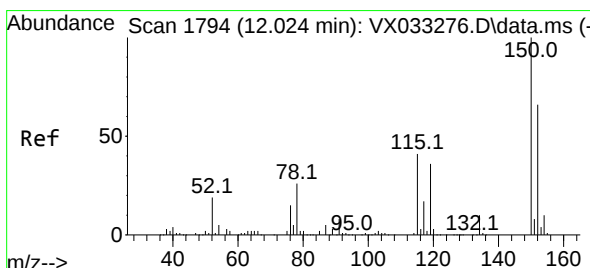
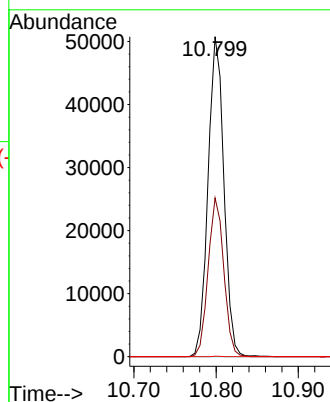
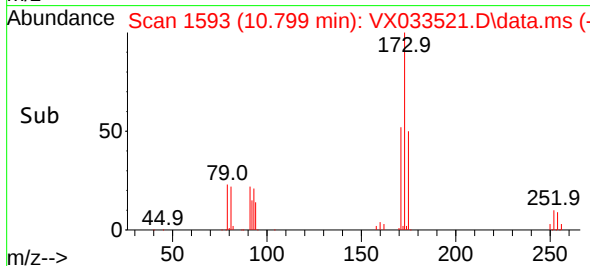
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 68024
Ion Ratio Lower Upper
173 100
175 48.9 23.9 71.8
254 0.1 0.0 0.0

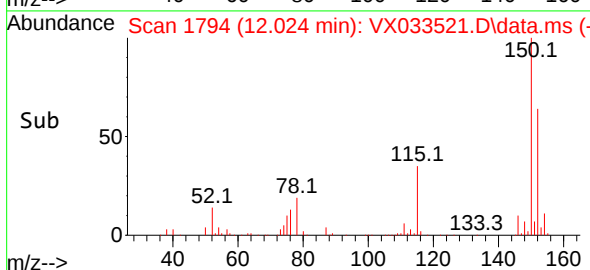
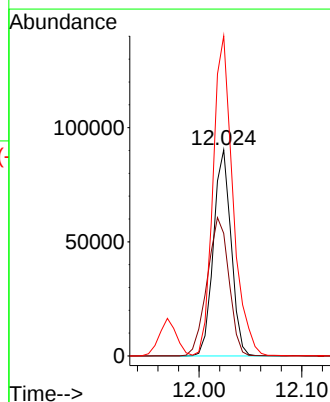
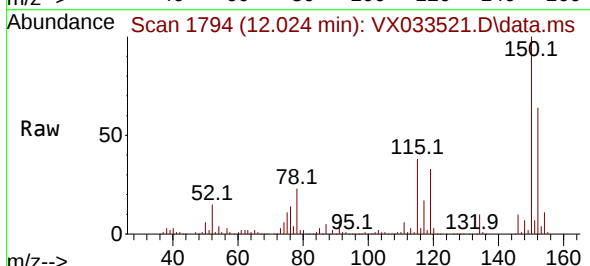
Manual Integrations
APPROVED

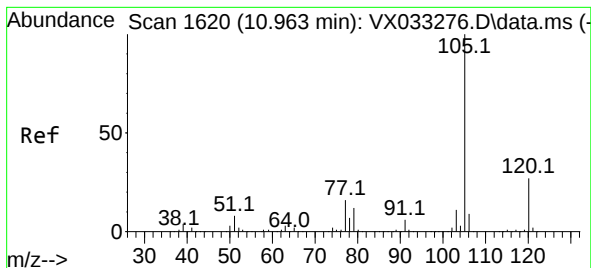
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

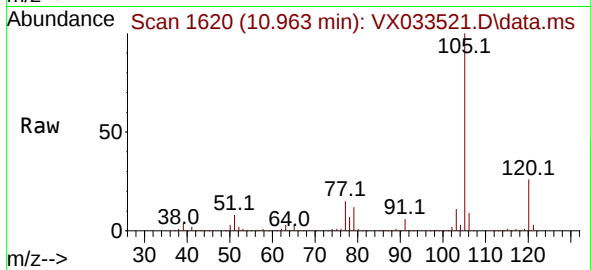
Tgt Ion:152 Resp: 107296
Ion Ratio Lower Upper
152 100
115 83.3 44.0 132.0
150 175.2 0.0 351.8





#73
Isopropylbenzene
Concen: 47.397 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

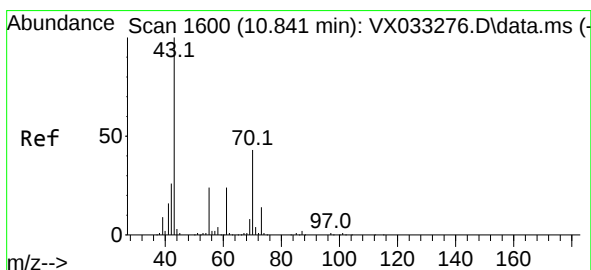
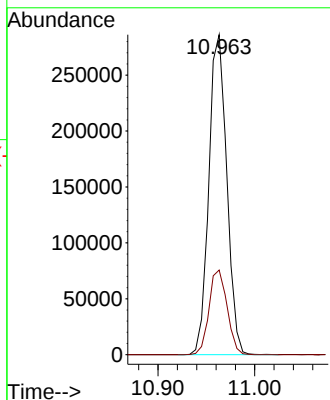
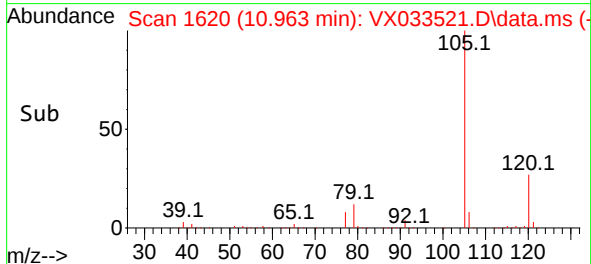
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



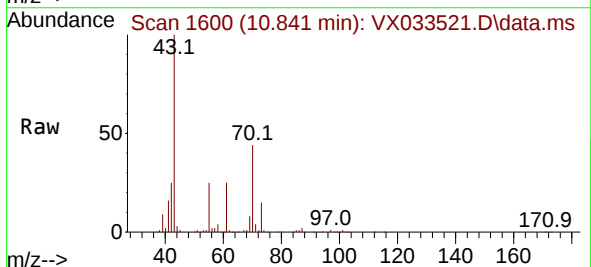
Tgt Ion:105 Resp: 368600
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.3

Manual Integrations
APPROVED

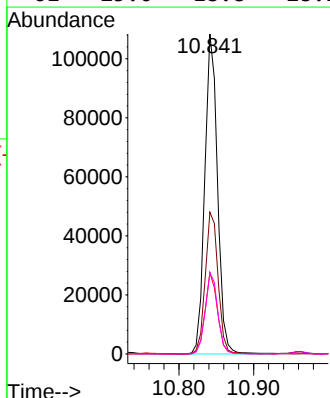
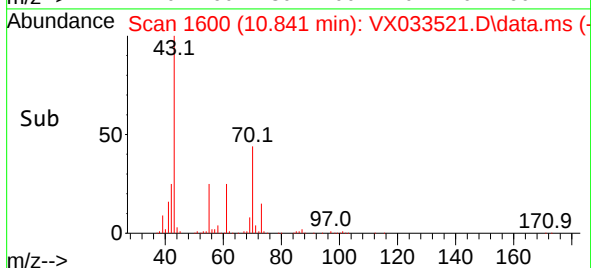
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

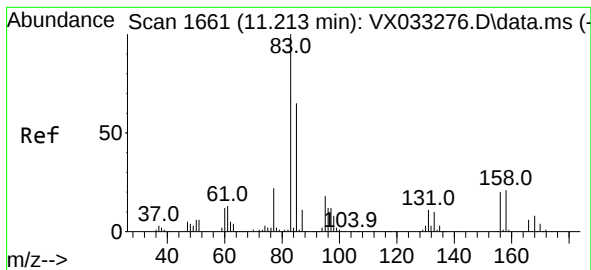


#74
N-ethyl acetate
Concen: 48.279 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16



Tgt Ion: 43 Resp: 128100
Ion Ratio Lower Upper
43 100
70 44.8 33.6 50.4
55 24.9 19.4 29.2
61 25.0 18.8 28.2





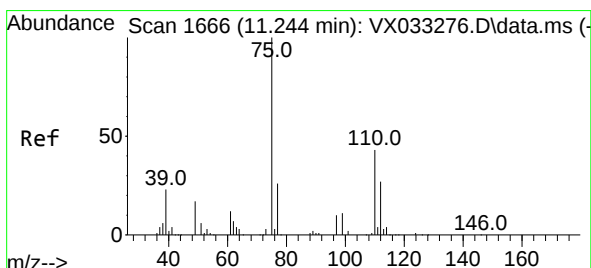
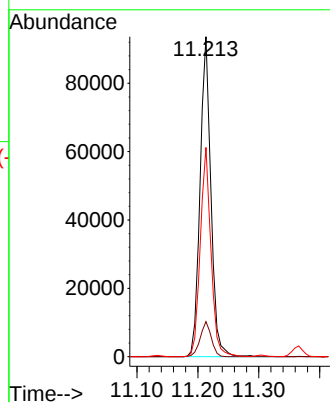
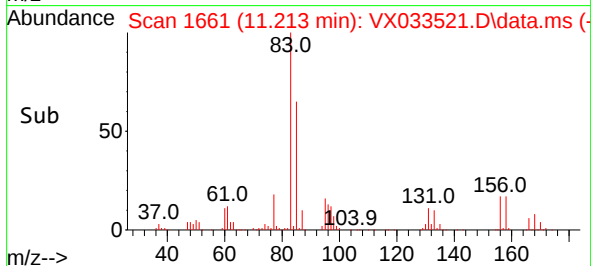
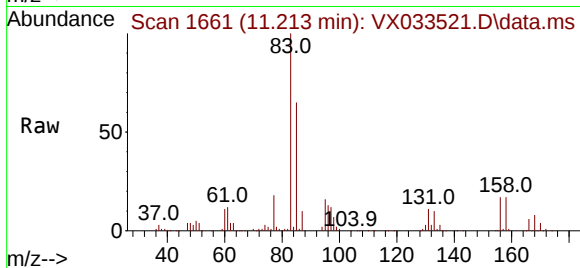
#75
1,1,2,2-Tetrachloroethane
Concen: 46.937 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 11580
Ion Ratio Lower Upper
83 100
131 11.2 5.4 16.2
85 64.4 31.9 95.9

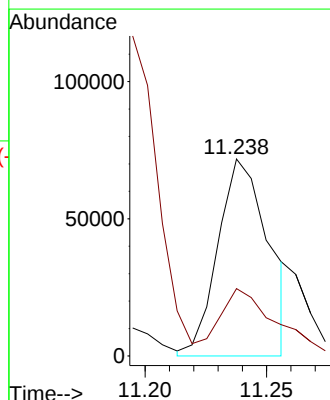
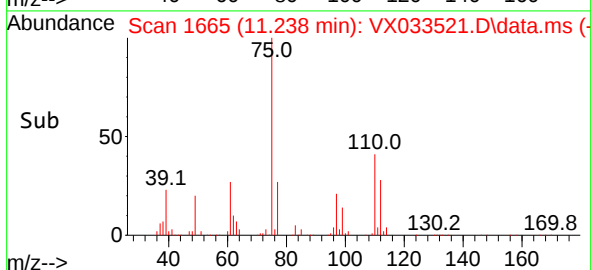
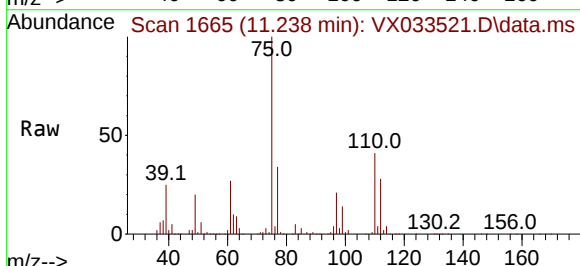
Manual Integrations
APPROVED

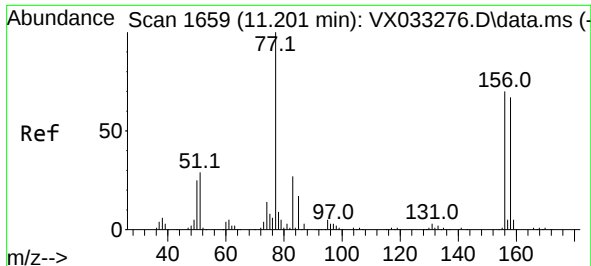
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#76
1,2,3-Trichloropropane
Concen: 47.520 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

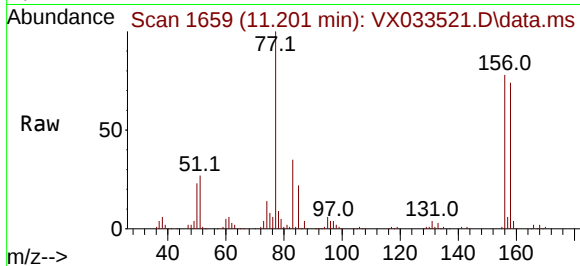
Tgt Ion: 75 Resp: 103733
Ion Ratio Lower Upper
75 100
77 38.6 20.0 60.0





#77
Bromobenzene
Concen: 51.340 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

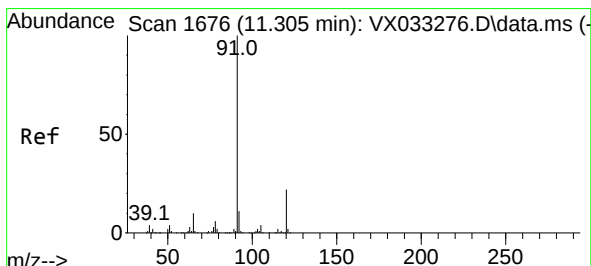
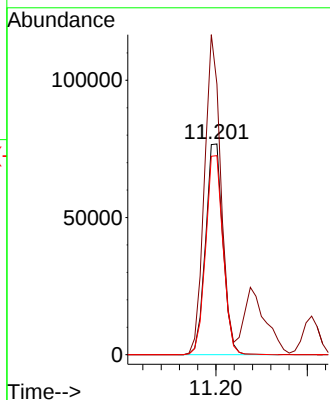
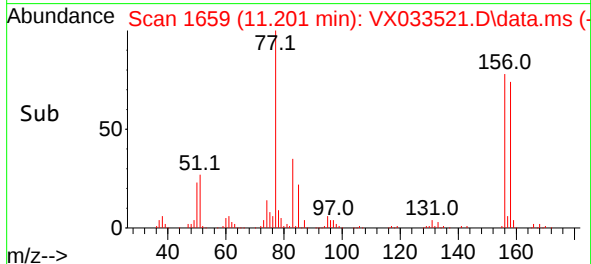
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



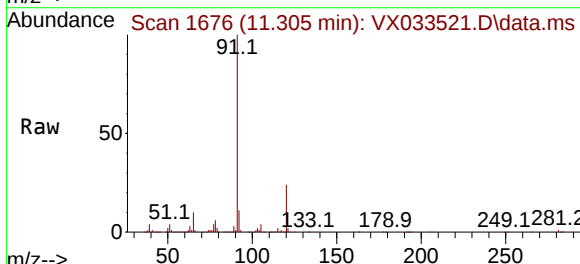
Tgt Ion:156 Resp: 100822
Ion Ratio Lower Upper
156 100
77 143.2 76.1 228.4
158 94.9 48.8 146.3

Manual Integrations
APPROVED

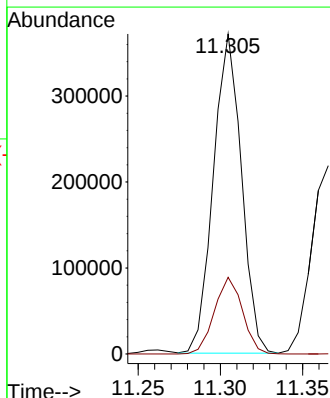
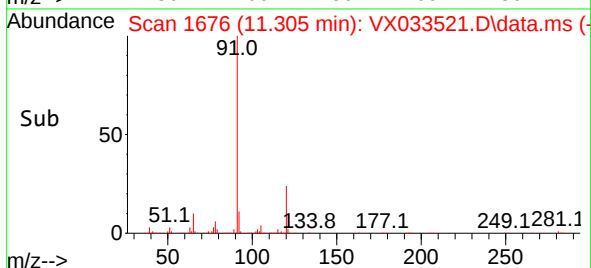
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

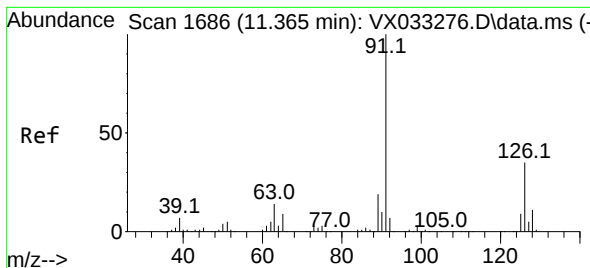


#78
n-propylbenzene
Concen: 50.699 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16



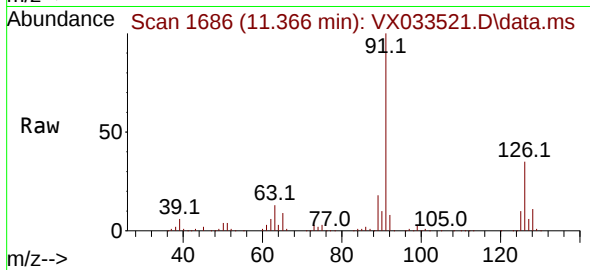
Tgt Ion: 91 Resp: 440248
Ion Ratio Lower Upper
91 100
120 24.0 11.6 34.8





#79
2-Chlorotoluene
Concen: 50.451 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

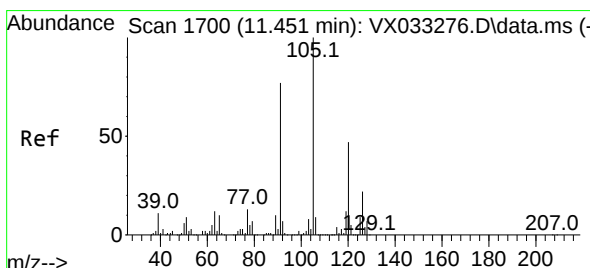
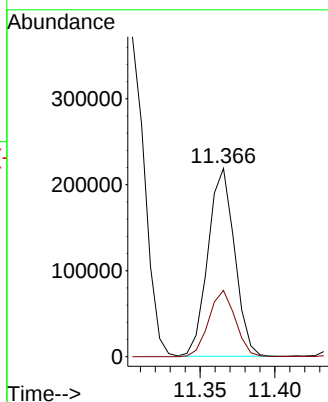
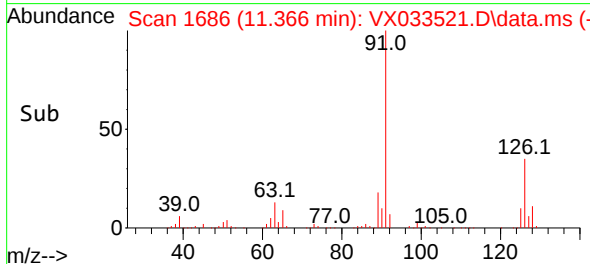
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



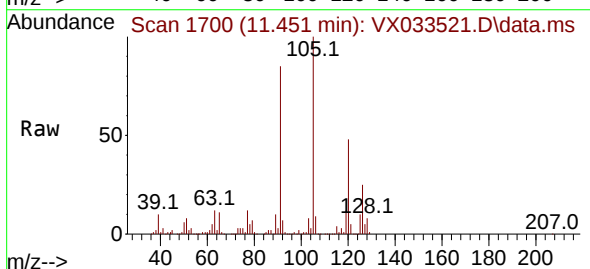
Tgt Ion: 91 Resp: 270749
Ion Ratio Lower Upper
91 100
126 35.1 17.1 51.2

Manual Integrations
APPROVED

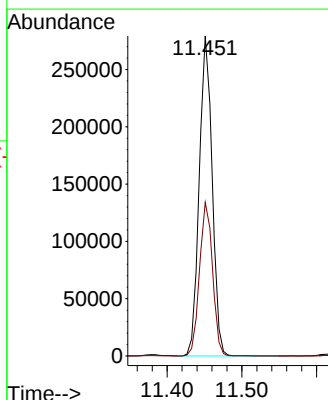
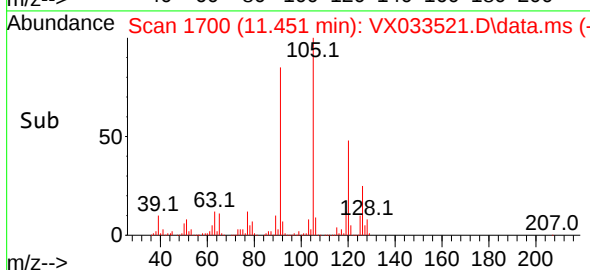
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

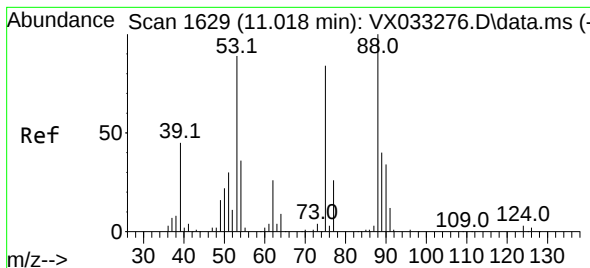


#80
1,3,5-Trimethylbenzene
Concen: 51.737 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16



Tgt Ion:105 Resp: 334920
Ion Ratio Lower Upper
105 100
120 48.4 23.6 71.0





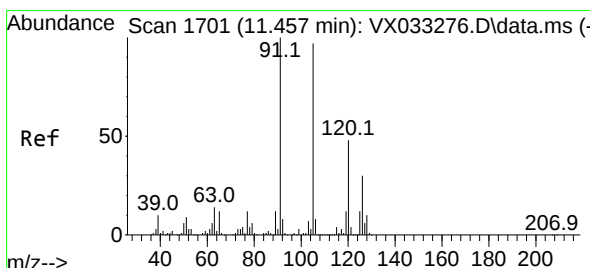
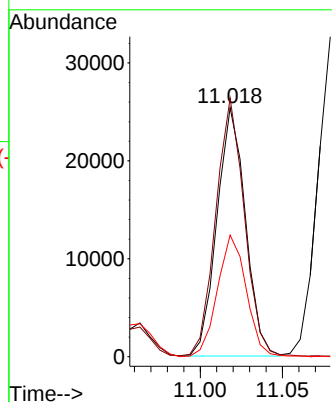
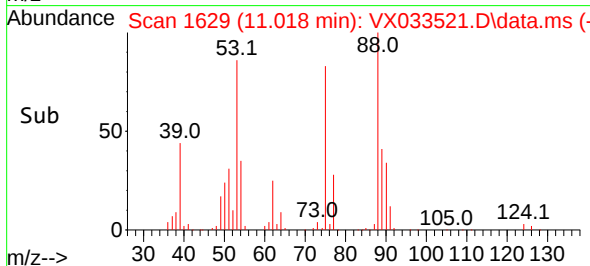
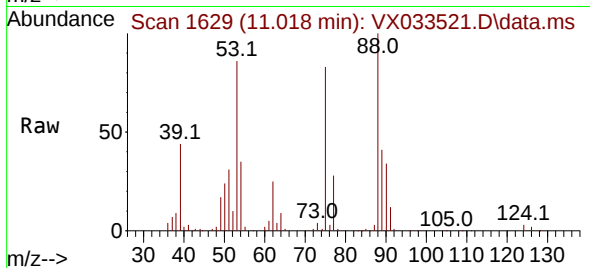
#81
trans-1,4-Dichloro-2-butene
Concen: 43.605 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 30600
Ion Ratio Lower Upper
75 100
53 104.2 86.9 130.3
89 49.5 38.3 57.5

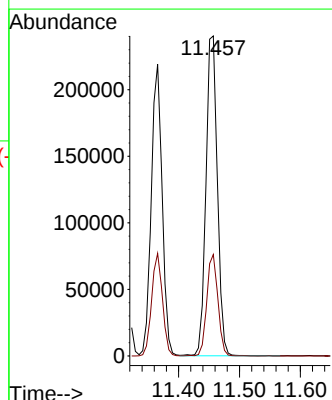
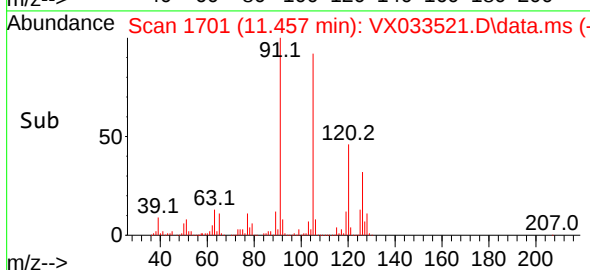
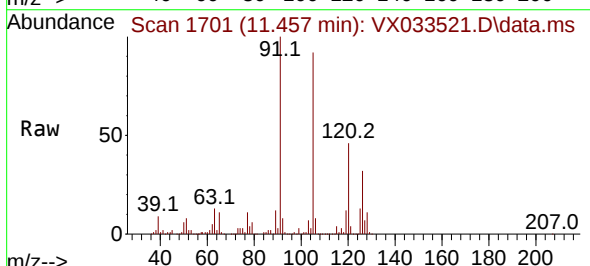
Manual Integrations
APPROVED

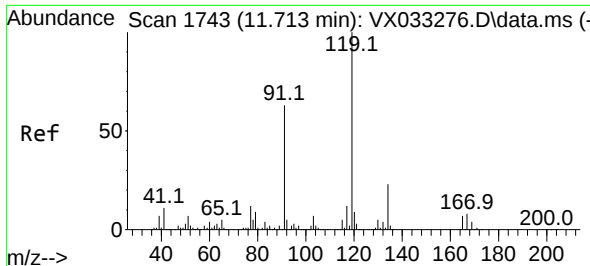
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#82
4-Chlorotoluene
Concen: 50.244 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

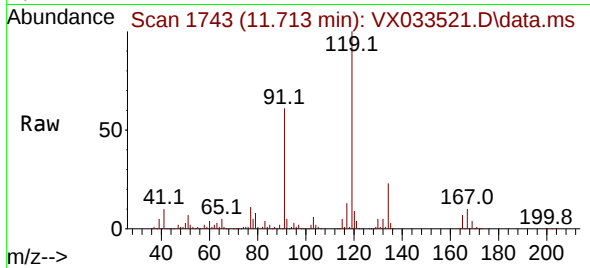
Tgt Ion: 91 Resp: 313534
Ion Ratio Lower Upper
91 100
126 30.8 14.8 44.4





#83
tert-Butylbenzene
Concen: 54.325 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

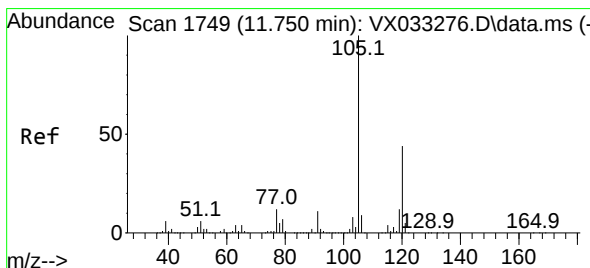
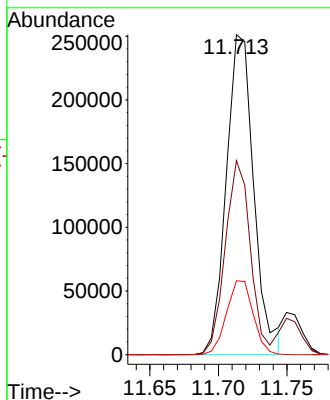
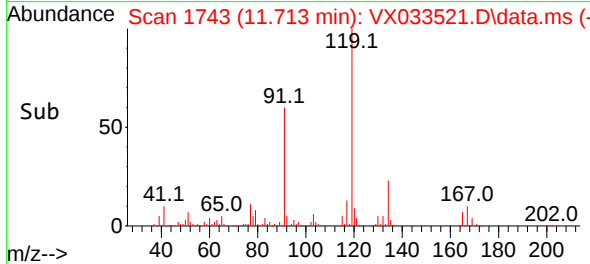
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



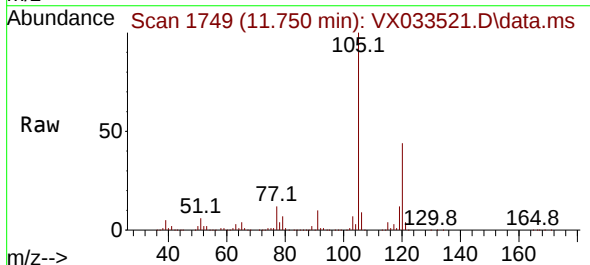
Tgt Ion:119 Resp: 350690
Ion Ratio Lower Upper
119 100
91 55.4 29.4 88.2
134 22.4 11.0 33.0

Manual Integrations
APPROVED

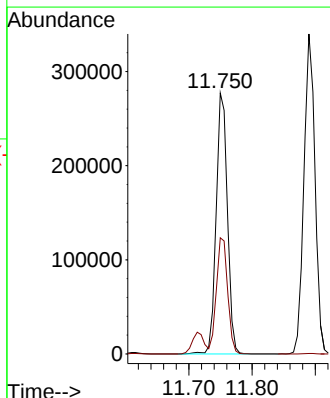
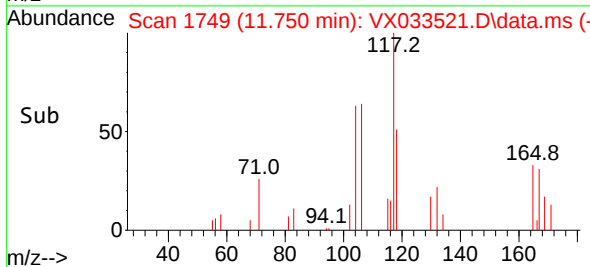
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

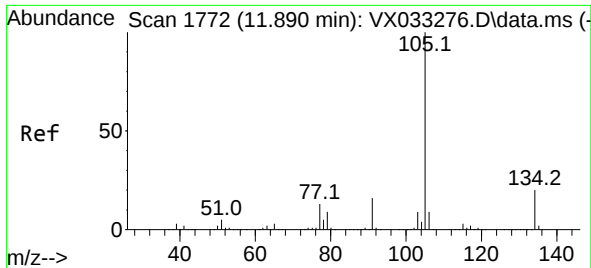


#84
1,2,4-Trimethylbenzene
Concen: 52.672 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16



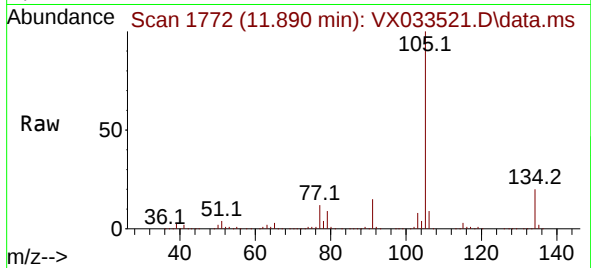
Tgt Ion:105 Resp: 340361
Ion Ratio Lower Upper
105 100
120 44.6 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 54.485 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033521.D
 Acq: 20 Dec 2022 20:16

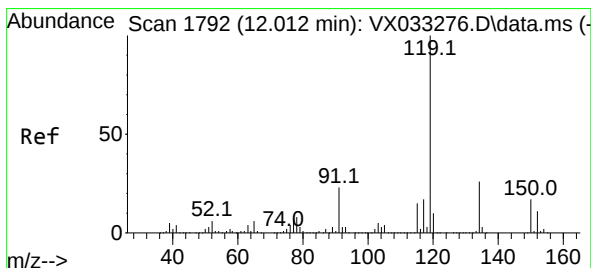
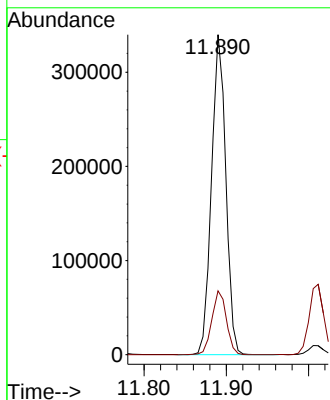
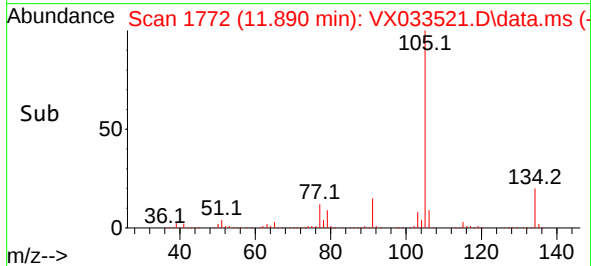
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



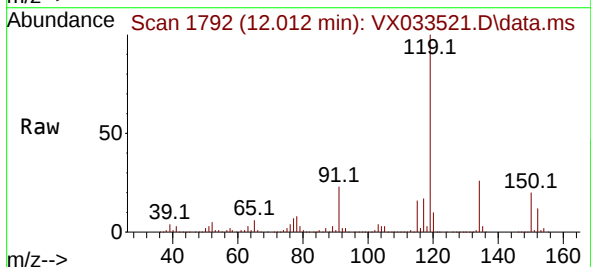
Tgt Ion:105 Resp: 41036
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.9 29.7

Manual Integrations
 APPROVED

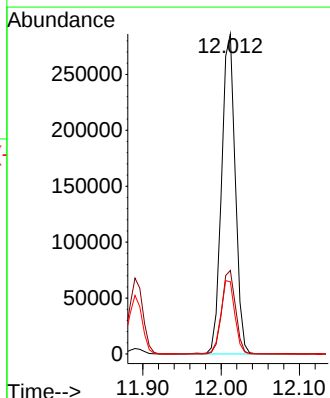
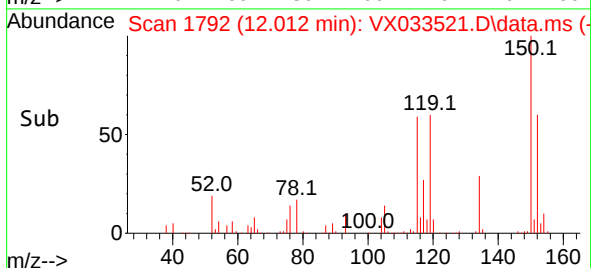
Reviewed By :John Carlone 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022

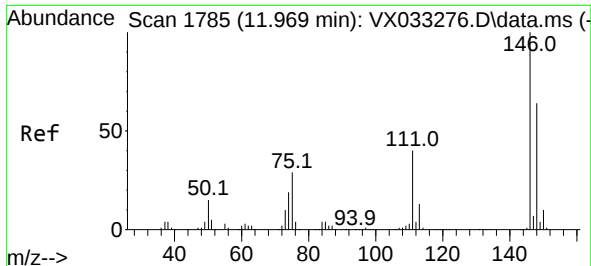


#86
 p-Isopropyltoluene
 Concen: 53.649 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX033521.D
 Acq: 20 Dec 2022 20:16



Tgt Ion:119 Resp: 348368
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.7
 91 23.5 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 53.710 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033521.D

Acq: 20 Dec 2022 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 191065

Ion Ratio Lower Upper

146 100

111 40.1 20.6 61.8

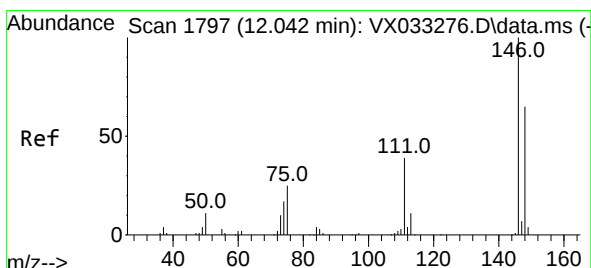
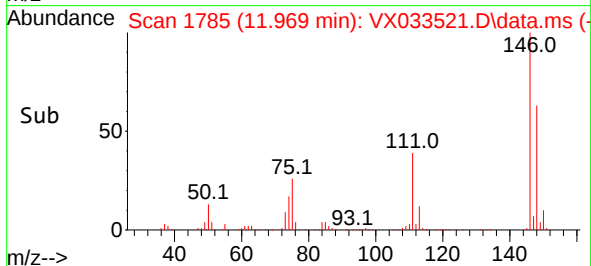
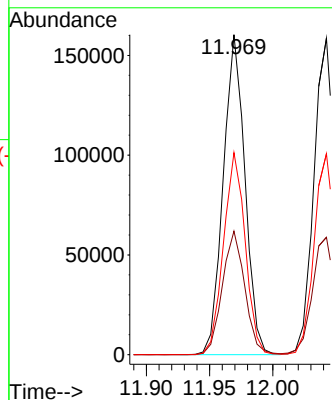
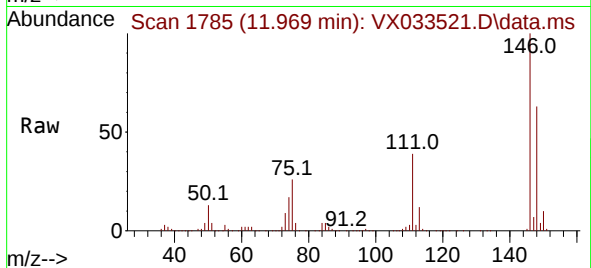
148 63.2 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#88

1,4-Dichlorobenzene

Concen: 52.447 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX033521.D

Acq: 20 Dec 2022 20:16

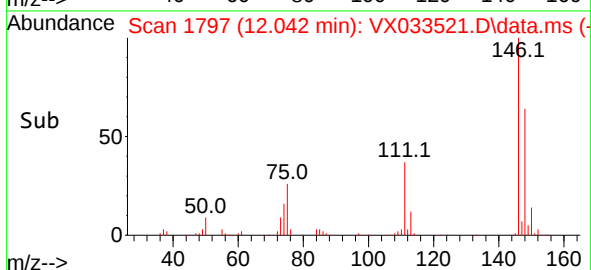
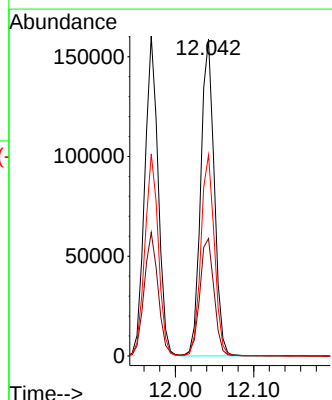
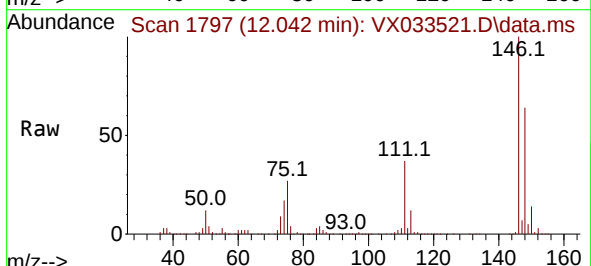
Tgt Ion:146 Resp: 190575

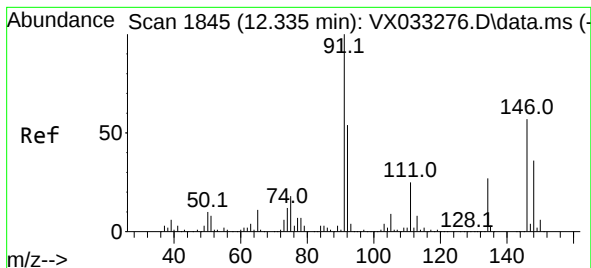
Ion Ratio Lower Upper

146 100

111 39.1 20.5 61.6

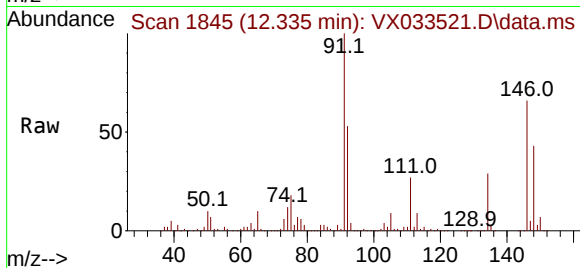
148 63.6 32.2 96.6





#89
n-Butylbenzene
Concen: 53.410 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

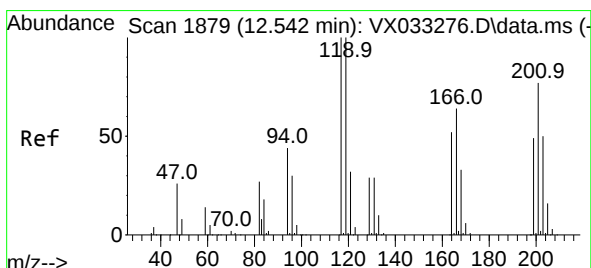
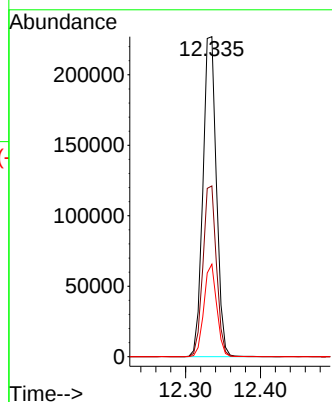
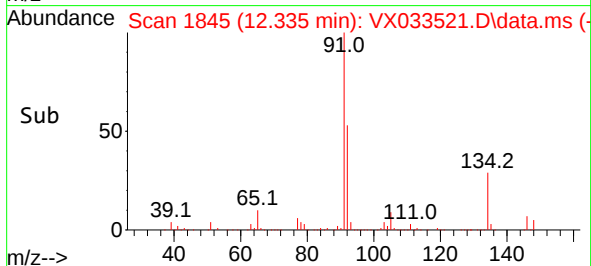
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 284054
Ion Ratio Lower Upper
91 100
92 53.4 26.2 78.6
134 27.6 12.9 38.6

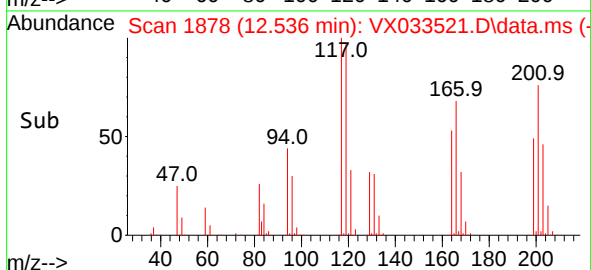
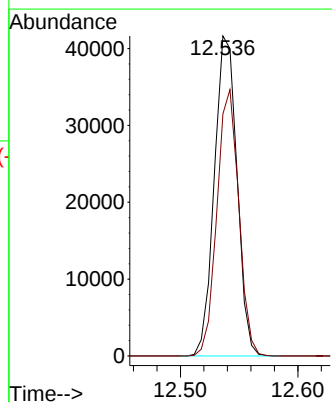
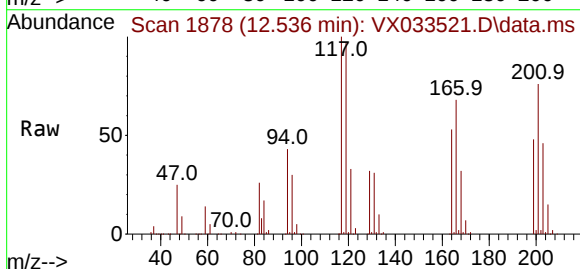
Manual Integrations
APPROVED

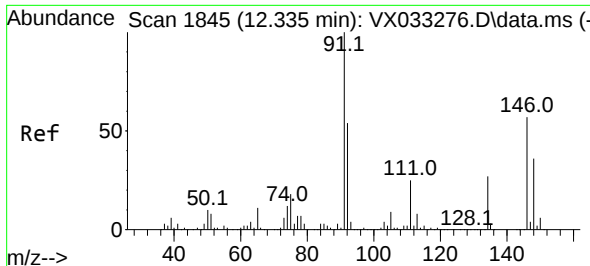
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#90
Hexachloroethane
Concen: 50.569 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

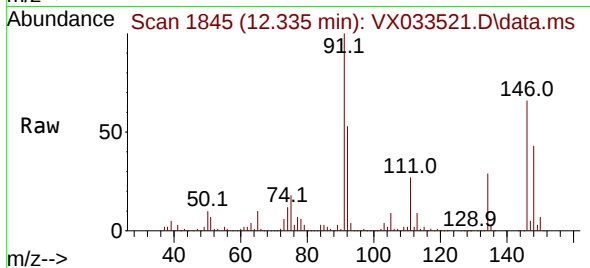
Tgt Ion:117 Resp: 55816
Ion Ratio Lower Upper
117 100
201 80.2 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 52.023 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16

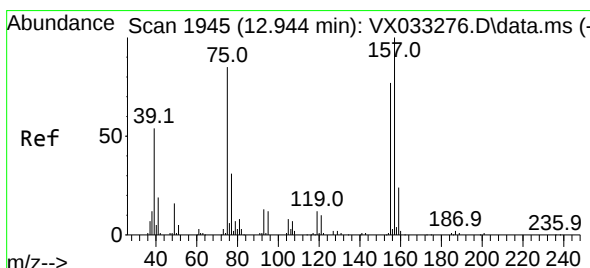
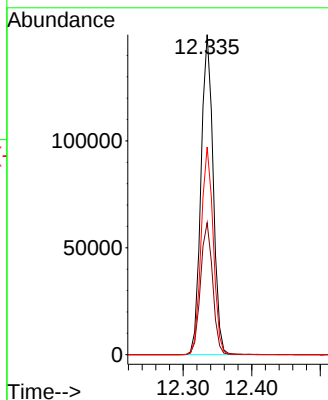
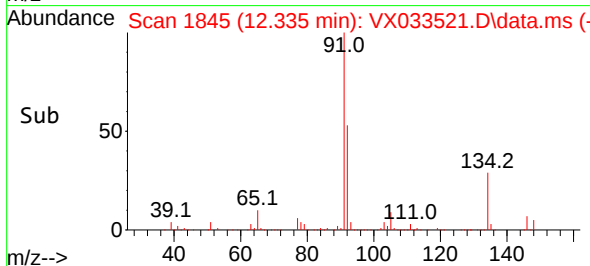
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



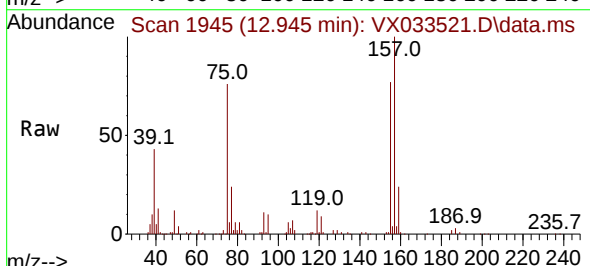
Tgt Ion:146 Resp: 18502
Ion Ratio Lower Upper
146 100
111 41.2 21.5 64.5
148 64.6 32.0 96.2

Manual Integrations
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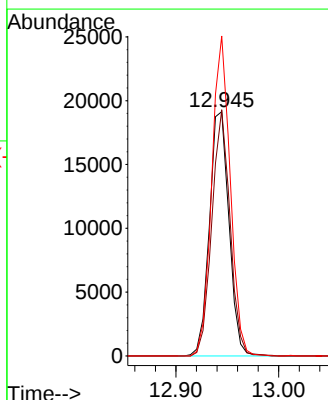
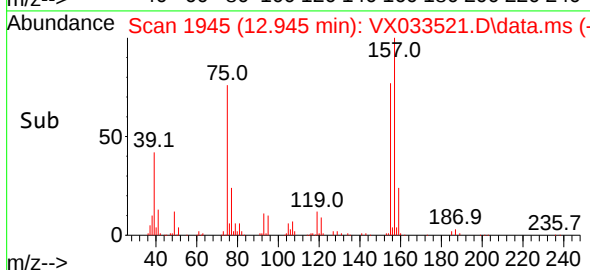
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

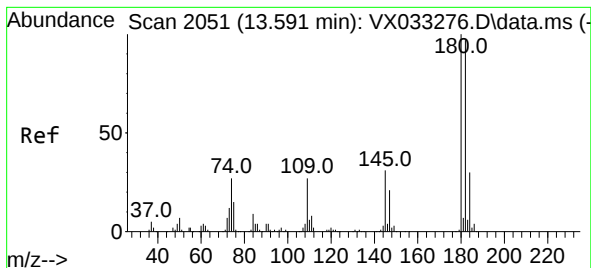


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.242 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033521.D
Acq: 20 Dec 2022 20:16



Tgt Ion: 75 Resp: 25176
Ion Ratio Lower Upper
75 100
155 93.7 41.6 124.8
157 123.7 54.1 162.4





#93

1,2,4-Trichlorobenzene

Concen: 53.893 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX033521.D

Acq: 20 Dec 2022 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 11576

Ion Ratio Lower Upper

180 100

182 95.7 48.4 145.0

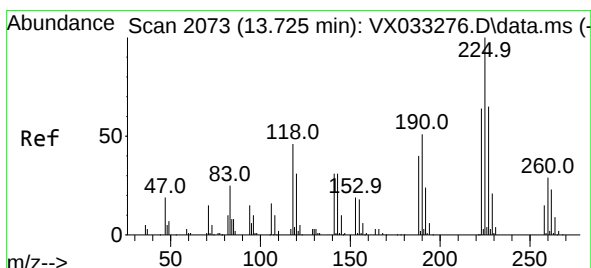
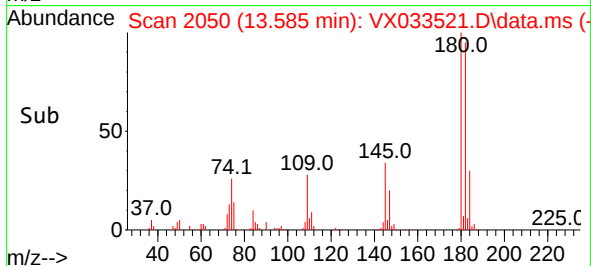
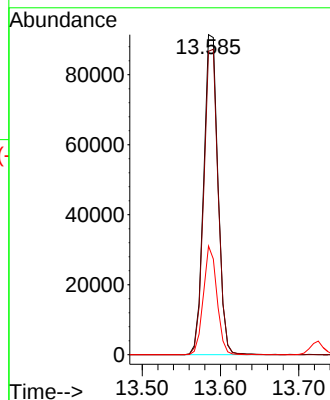
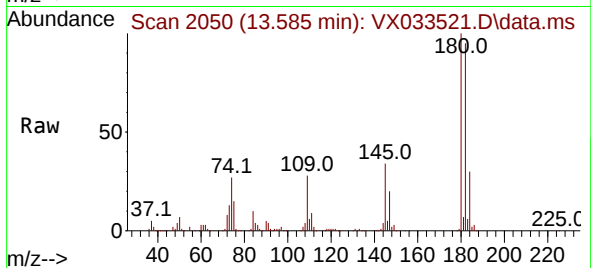
145 32.2 16.2 48.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#94

Hexachlorobutadiene

Concen: 57.625 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX033521.D

Acq: 20 Dec 2022 20:16

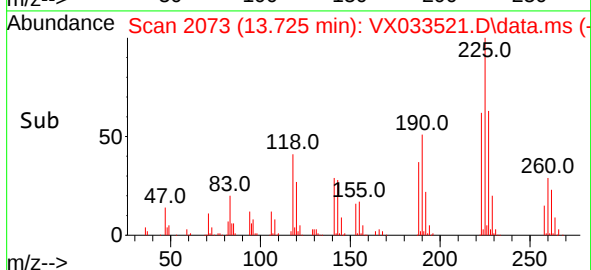
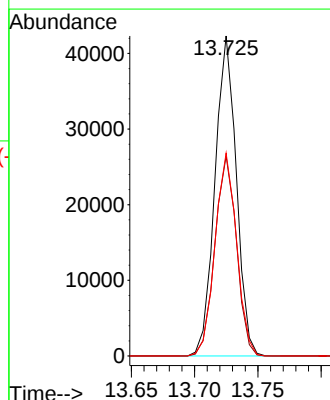
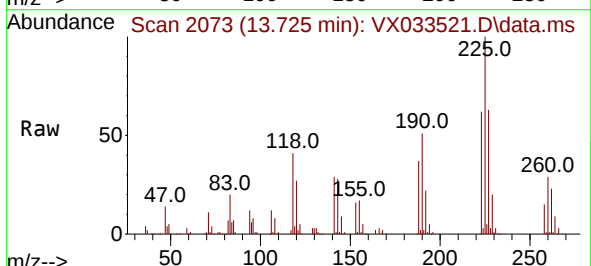
Tgt Ion:225 Resp: 49565

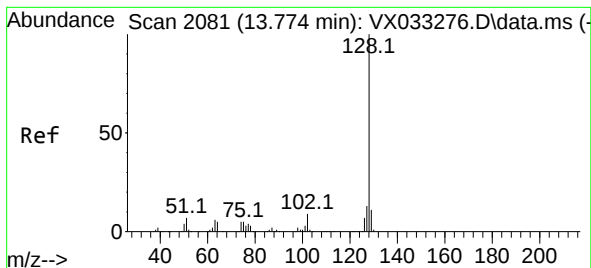
Ion Ratio Lower Upper

225 100

223 63.0 31.9 95.9

227 64.1 31.9 95.5





#95

Naphthalene

Concen: 54.332 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX033521.D

Acq: 20 Dec 2022 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 389284

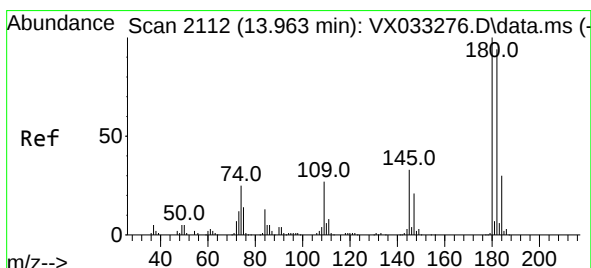
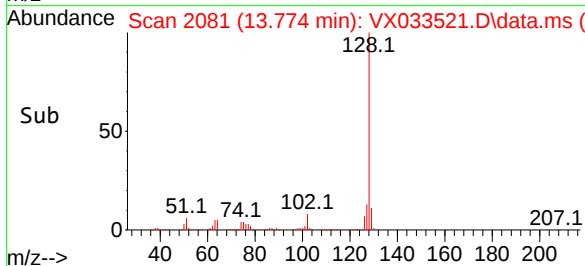
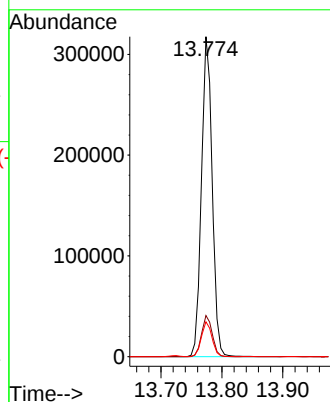
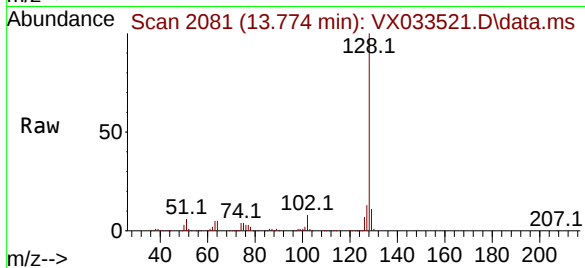
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.7	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#96

1,2,3-Trichlorobenzene

Concen: 53.720 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX033521.D

Acq: 20 Dec 2022 20:16

Tgt Ion:180 Resp: 116865

Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.5	142.6
145	32.9	16.9	50.6

