

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121322\
 Data File : VX033408.D
 Acq On : 13 Dec 2022 21:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 14 05:42:58 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/14/2022
 Supervised By : Mahesh Dadoda 12/14/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	136049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	217843	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203575	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	38101	43.654	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.300%		
35) Dibromofluoromethane	5.385	113	44238	45.149	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.300%		
50) Toluene-d8	8.647	98	96253	46.959	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.920%		
62) 4-Bromofluorobenzene	11.079	95	78415	50.034	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	43290	45.551	ug/l	98
3) Chloromethane	1.294	50	43107	39.230	ug/l	97
4) Vinyl Chloride	1.374	62	51847	41.323	ug/l	99
5) Bromomethane	1.605	94	30868	33.525	ug/l	95
6) Chloroethane	1.685	64	35932	37.757	ug/l	97
7) Trichlorofluoromethane	1.886	101	78302	33.242	ug/l	100
8) Diethyl Ether	2.136	74	26915	31.635	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	59989	48.010	ug/l	99
10) Methyl Iodide	2.453	142	48930	35.754	ug/l	99
11) Tert butyl alcohol	2.953	59	51031	191.239	ug/l	99
12) 1,1-Dichloroethene	2.319	96	55285	44.823	ug/l	96
13) Acrolein	2.233	56	48213	166.593	ug/l	97
14) Allyl chloride	2.666	41	84501	42.901	ug/l	96
15) Acrylonitrile	3.062	53	149602	226.325	ug/l	99
16) Acetone	2.373	43	132121	204.569	ug/l	99
17) Carbon Disulfide	2.514	76	131351	41.493	ug/l	99
18) Methyl Acetate	2.703	43	85277	45.611	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	191308	44.778	ug/l	100
20) Methylene Chloride	2.788	84	61078	42.405	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	61394	45.504	ug/l	99
22) Diisopropyl ether	3.757	45	197149	46.718	ug/l	95
23) Vinyl Acetate	3.721	43	751470	229.423	ug/l	97
24) 1,1-Dichloroethane	3.611	63	108646	43.817	ug/l	99
25) 2-Butanone	4.550	43	208828	225.257	ug/l	99
26) 2,2-Dichloropropane	4.477	77	78562	43.085	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	73846	45.797	ug/l	96
28) Bromochloromethane	4.903	49	45355	43.697	ug/l	93
29) Tetrahydrofuran	5.001	42	139726	232.626	ug/l	98
30) Chloroform	5.092	83	128442	46.660	ug/l	98
31) Cyclohexane	5.470	56	98394	47.436	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	112658	47.567	ug/l	99
36) 1,1-Dichloropropene	5.696	75	89855	47.037	ug/l	99
37) Ethyl Acetate	4.708	43	80811	44.751	ug/l	99
38) Carbon Tetrachloride	5.678	117	101407	47.379	ug/l	96
39) Methylcyclohexane	7.379	83	105498	49.339	ug/l	99
40) Benzene	6.037	78	260019	46.683	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	46750	46.982	ug/l	98
42) 1,2-Dichloroethane	6.086	62	101779	46.017	ug/l	99
43) Isopropyl Acetate	6.336	43	133475	45.939	ug/l	98
44) Trichloroethene	7.129	130	72887	47.463	ug/l	100
45) 1,2-Dichloropropane	7.434	63	65864	46.238	ug/l	100
46) Dibromomethane	7.580	93	50215	46.276	ug/l	98
47) Bromodichloromethane	7.824	83	100949	47.725	ug/l	100
48) Methyl methacrylate	7.690	41	69299	46.213	ug/l	92
49) 1,4-Dioxane	7.665	88	26398	771.996	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	441123	240.079	ug/l	96
52) Toluene	8.720	92	178449	49.553	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	99115	43.938	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	107336	47.686	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	73650	48.653	ug/l	99
56) Ethyl methacrylate	9.116	69	103871	48.735	ug/l	91
57) 1,3-Dichloropropane	9.305	76	116806	48.032	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	235460	241.440	ug/l	98
59) 2-Hexanone	9.427	43	330264	243.909	ug/l	95
60) Dibromochloromethane	9.518	129	81386	48.796	ug/l	100
61) 1,2-Dibromoethane	9.610	107	79172	49.169	ug/l	99
64) Tetrachloroethene	9.275	164	64411	46.271	ug/l	97
65) Chlorobenzene	10.079	112	194192	47.106	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	73800	47.372	ug/l	100
67) Ethyl Benzene	10.195	91	351577	48.953	ug/l	99
68) m/p-Xylenes	10.299	106	276444	98.934	ug/l	97
69) o-Xylene	10.640	106	135940	49.219	ug/l	96
70) Styrene	10.652	104	227727	50.344	ug/l	97
71) Bromoform	10.799	173	59071	47.903	ug/l #	100
73) Isopropylbenzene	10.963	105	359379	47.113	ug/l	99
74) N-amyl acetate	10.841	43	118889	45.682	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	111301	45.993	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	98092m	45.813	ug/l	
77) Bromobenzene	11.201	156	87599	45.477	ug/l	99
78) n-propylbenzene	11.305	91	407136	47.801	ug/l	99
79) 2-Chlorotoluene	11.366	91	246060	46.746	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	306609	48.288	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	28942	42.047	ug/l	96
82) 4-Chlorotoluene	11.457	91	283442	46.308	ug/l	98
83) tert-Butylbenzene	11.713	119	308389	48.705	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	303851	47.939	ug/l	99
85) sec-Butylbenzene	11.890	105	363550	49.211	ug/l	99
86) p-Isopropyltoluene	12.012	119	311636	48.929	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	165579	47.454	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	167293	46.939	ug/l	99
89) n-Butylbenzene	12.335	91	259678	49.779	ug/l	99
90) Hexachloroethane	12.542	117	49621	45.834	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	164179	47.063	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23209	44.401	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	103009	48.893	ug/l	98
94) Hexachlorobutadiene	13.725	225	41739	49.473	ug/l	99
95) Naphthalene	13.774	128	341888	48.649	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	102634	48.099	ug/l	100

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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

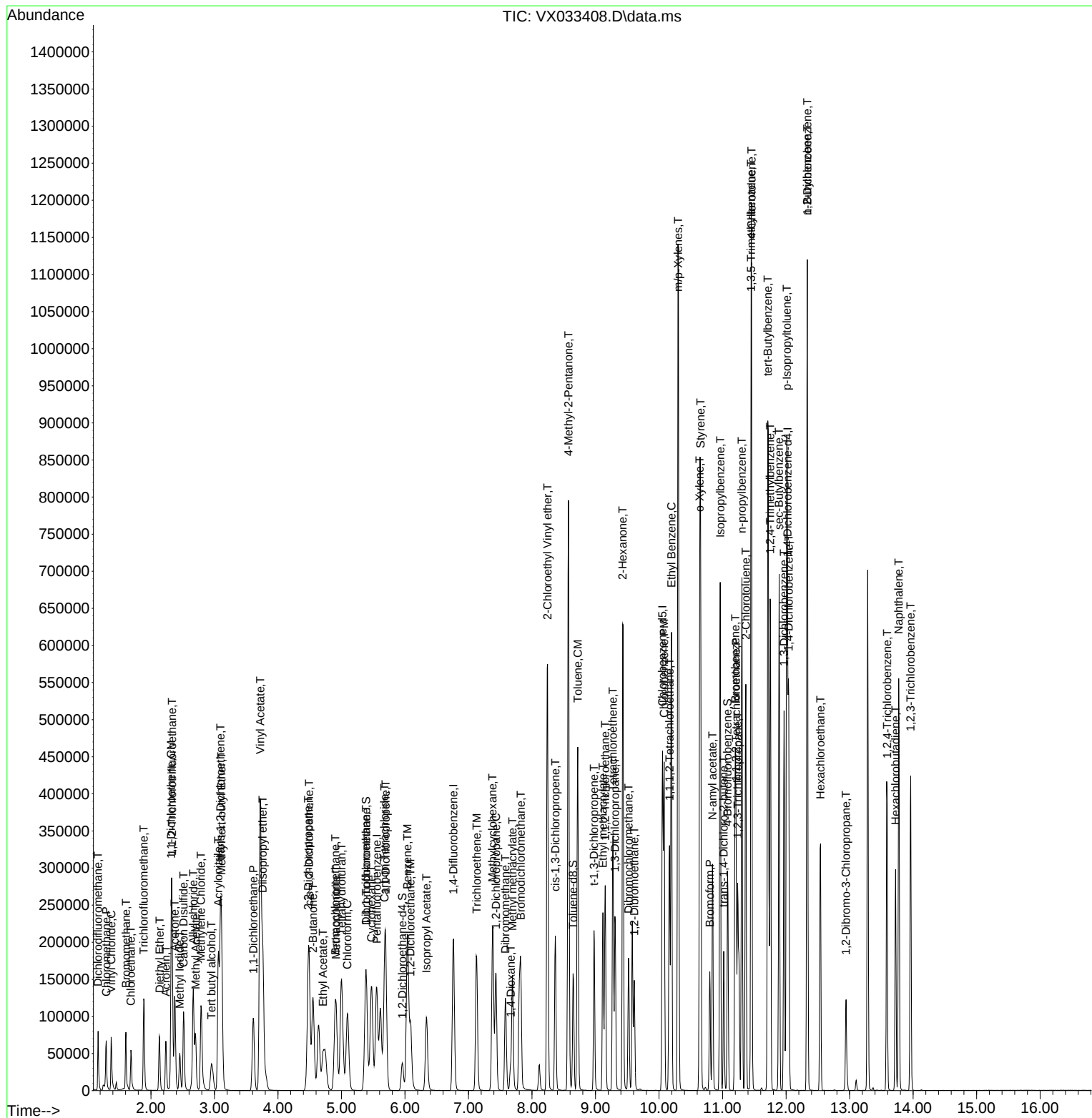
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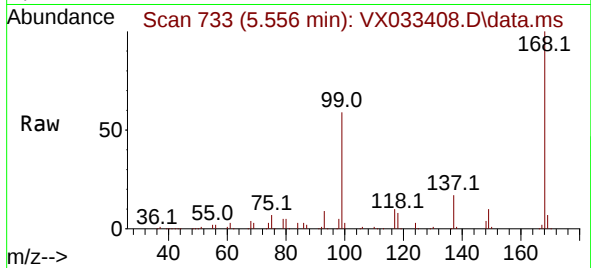
Reviewed By :John Carlone 12/14/2022
 Supervised By :Mahesh Dadoda 12/14/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033408.D
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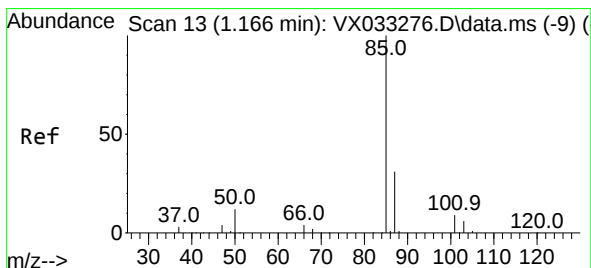
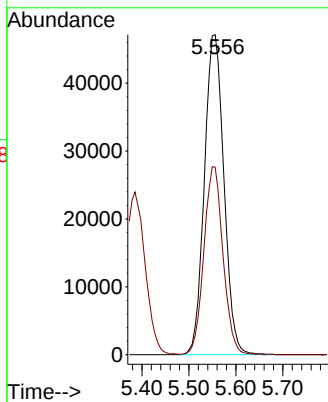
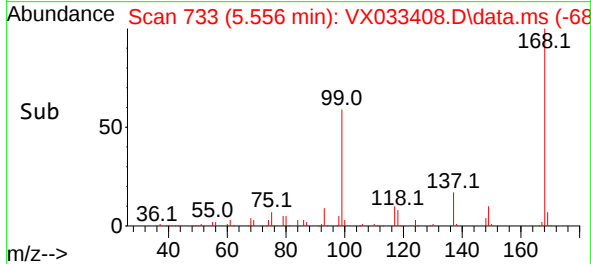
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 136049
Ion Ratio Lower Upper
168 100
99 58.6 46.1 69.1

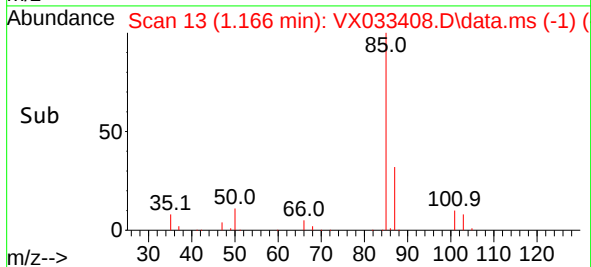
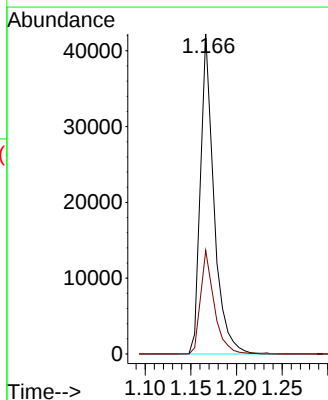
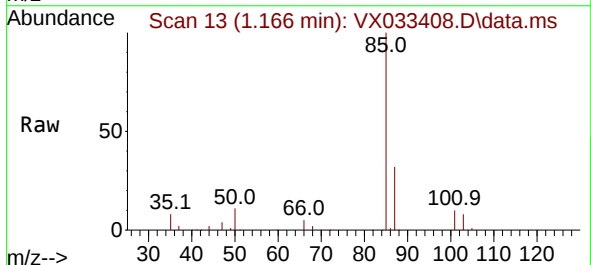
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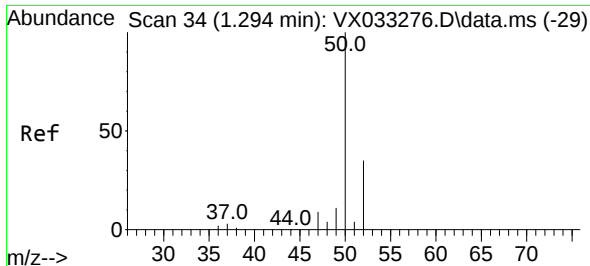
Reviewed By :John Carlone 12/14/2022
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#2
Dichlorodifluoromethane
Concen: 45.551 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

Tgt Ion: 85 Resp: 43290
Ion Ratio Lower Upper
85 100
87 32.3 15.6 46.7





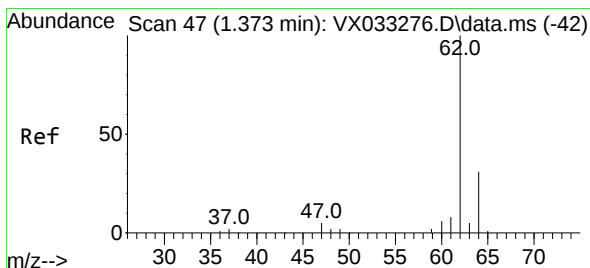
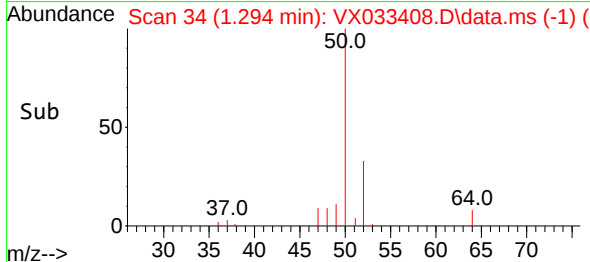
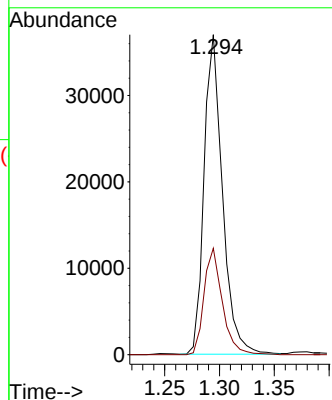
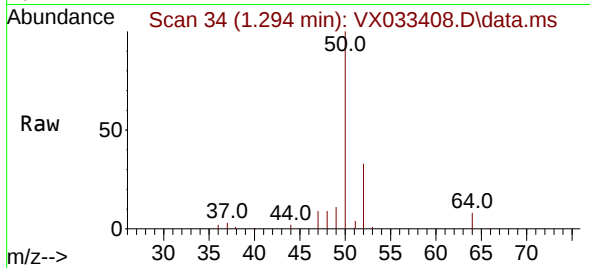
#3
Chloromethane
Concen: 39.230 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 4310
Ion Ratio Lower Upper
50 100
52 33.3 25.4 38.2

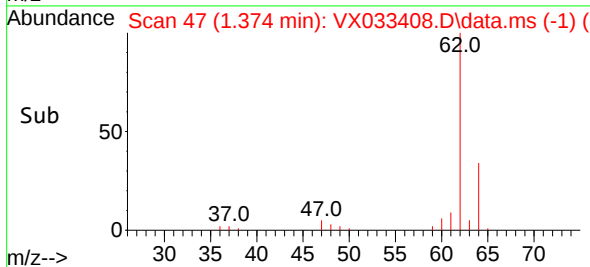
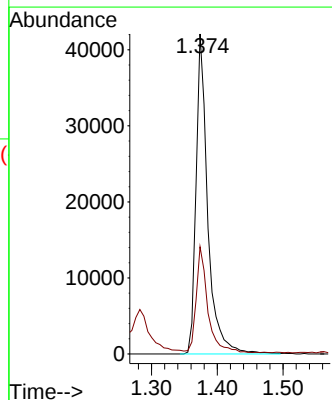
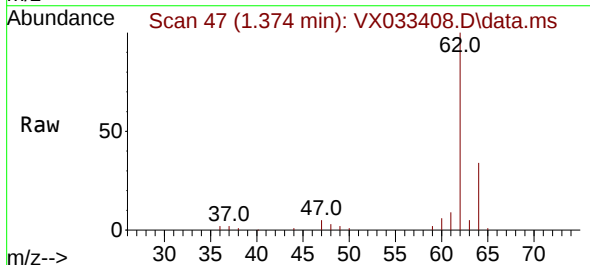
Manual Integrations
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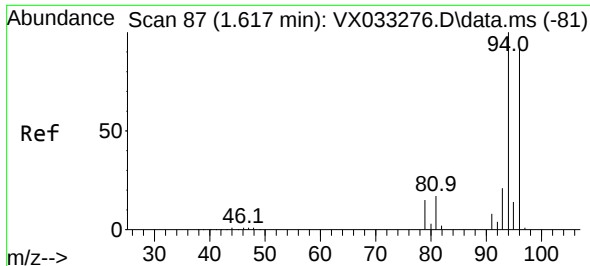
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#4
Vinyl Chloride
Concen: 41.323 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

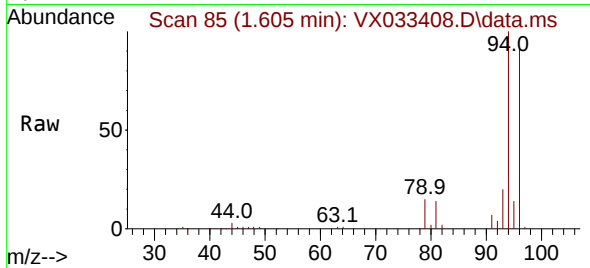
Tgt Ion: 62 Resp: 51847
Ion Ratio Lower Upper
62 100
64 33.0 25.8 38.6





#5
Bromomethane
Concen: 33.525 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.012 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

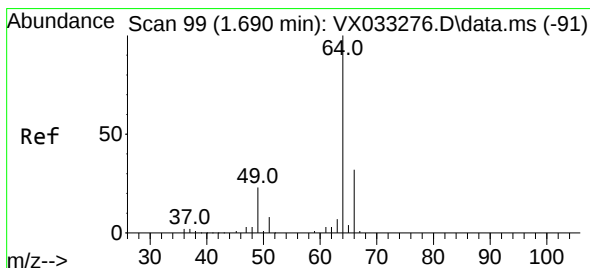
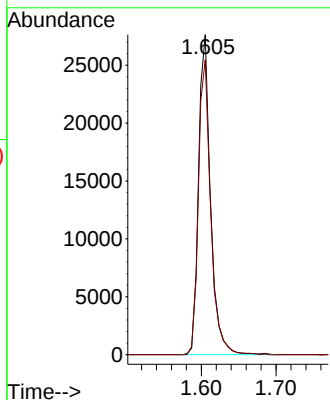
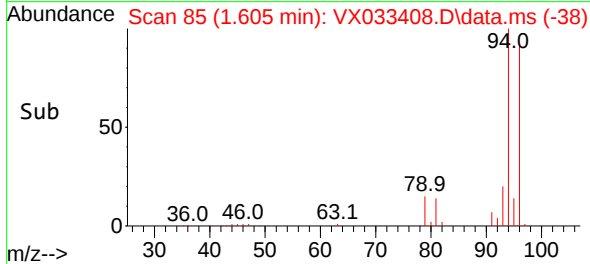
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Tgt Ion: 94 Resp: 3086
Ion Ratio Lower Upper
94 100
96 92.2 77.6 116.4

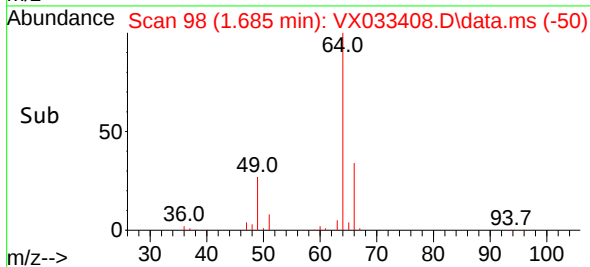
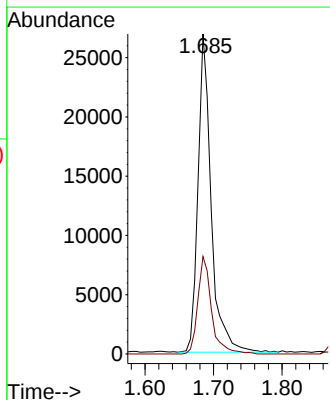
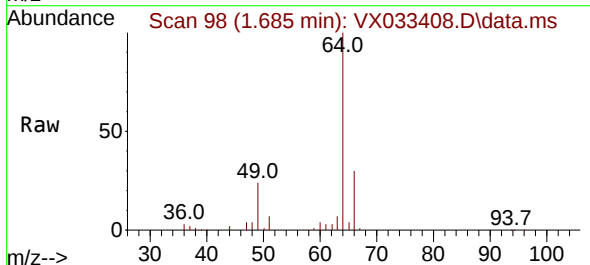
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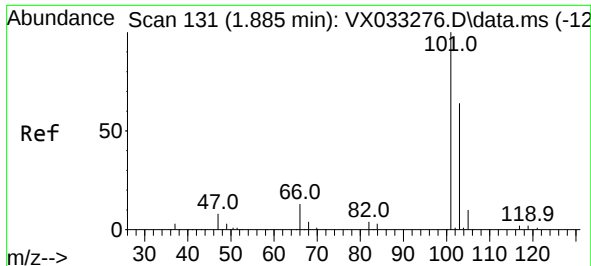
Reviewed By :John Carlone 12/14/2022
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#6
Chloroethane
Concen: 37.757 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX033408.D
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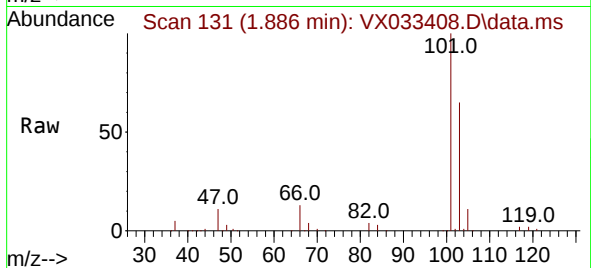
Tgt Ion: 64 Resp: 35932
Ion Ratio Lower Upper
64 100
66 30.6 26.0 39.0





#7
Trichlorofluoromethane
Concen: 33.242 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

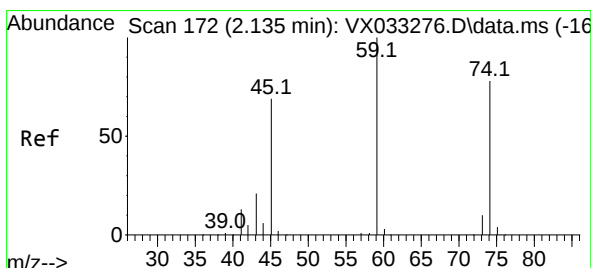
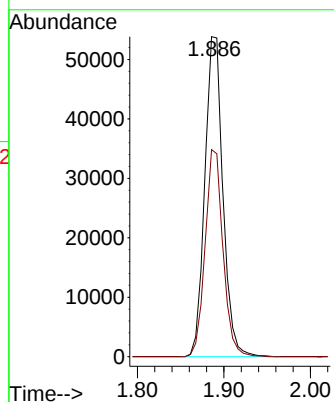
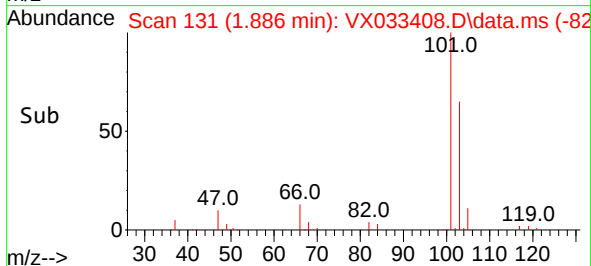
Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 7830
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.2

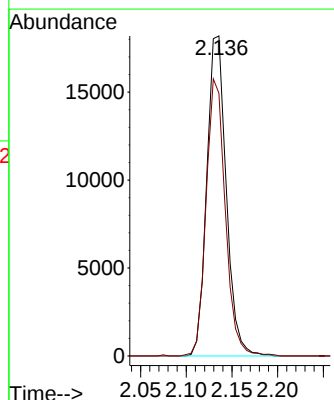
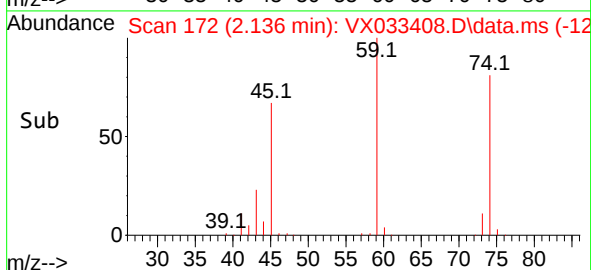
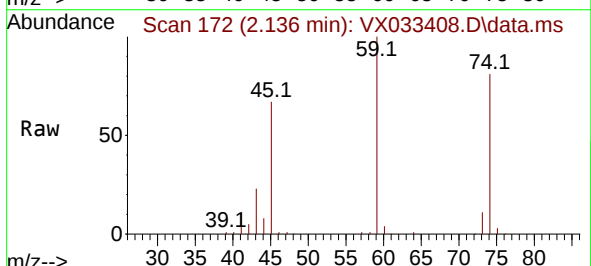
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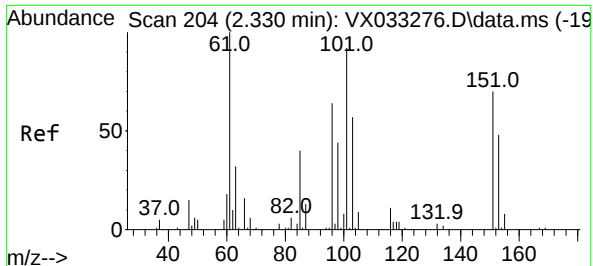
Reviewed By :John Carlone 12/14/2022
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#8
Diethyl Ether
Concen: 31.635 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX033408.D
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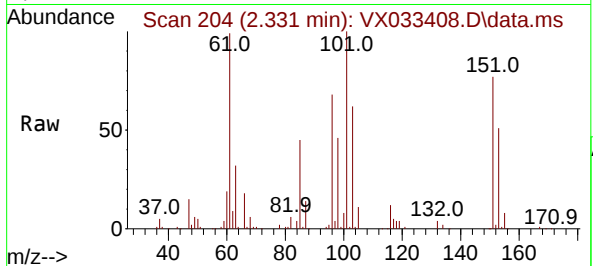
Tgt Ion: 74 Resp: 26915
Ion Ratio Lower Upper
74 100
45 85.5 46.6 139.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.010 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

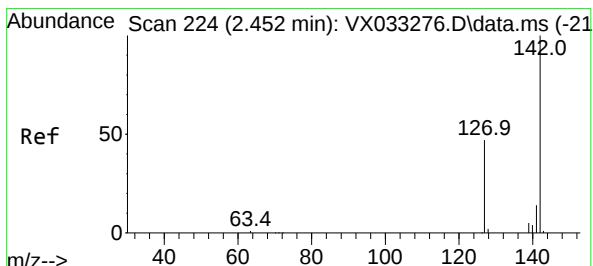
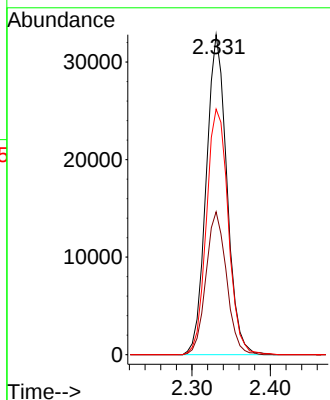
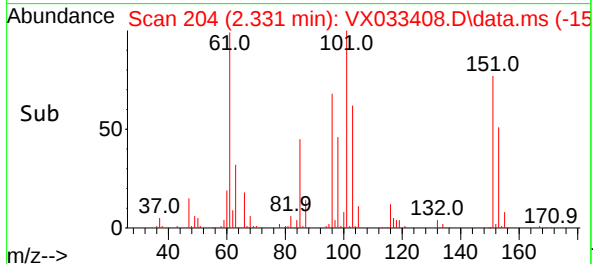
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 59989
Ion Ratio Lower Upper
101 100
85 44.4 37.0 55.4
151 81.1 64.4 96.6

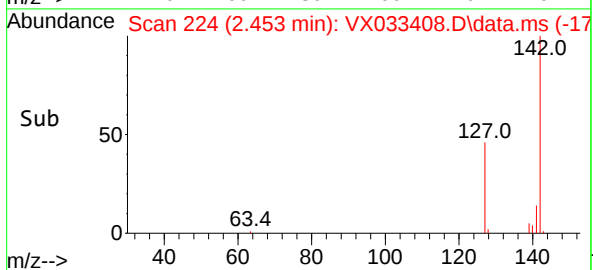
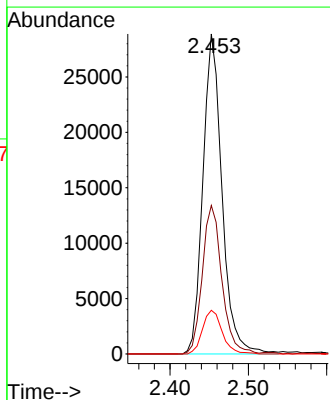
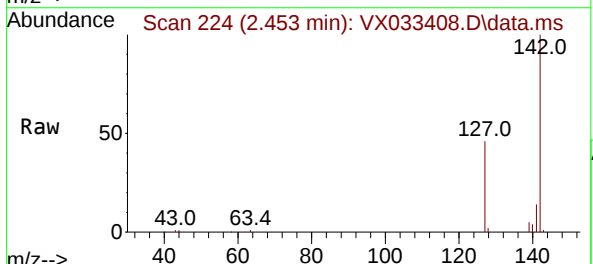
Manual Integrations
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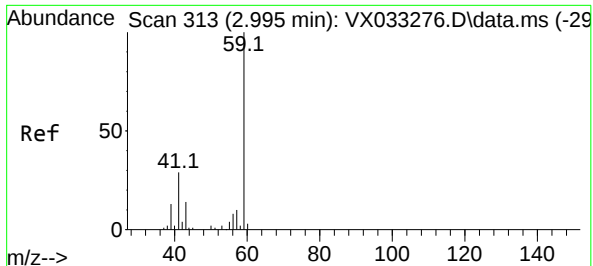
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#10
Methyl Iodide
Concen: 35.754 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

Tgt Ion:142 Resp: 48930
Ion Ratio Lower Upper
142 100
127 47.4 38.6 57.8
141 14.1 11.4 17.2





#11

Tert butyl alcohol

Concen: 191.239 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.042 min

Lab File: VX033408.D

Acq: 13 Dec 2022 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 5103

Ion Ratio Lower Upper

59 100

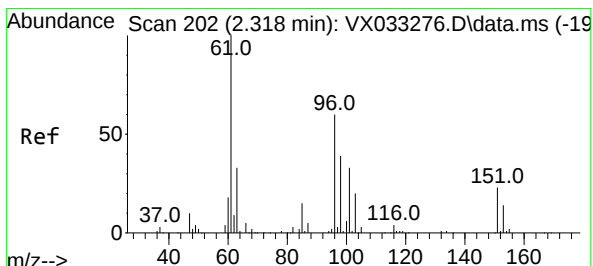
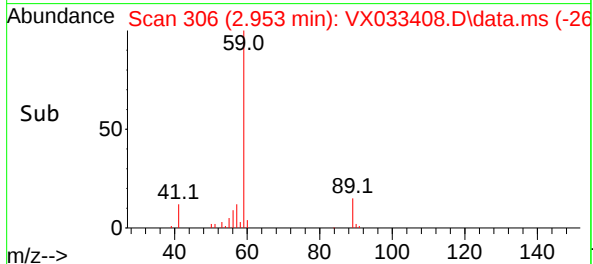
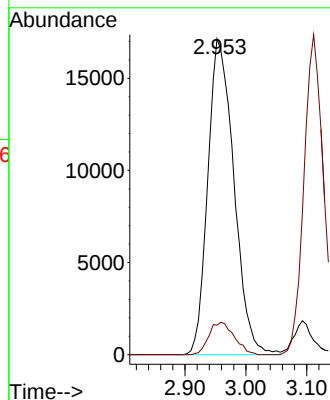
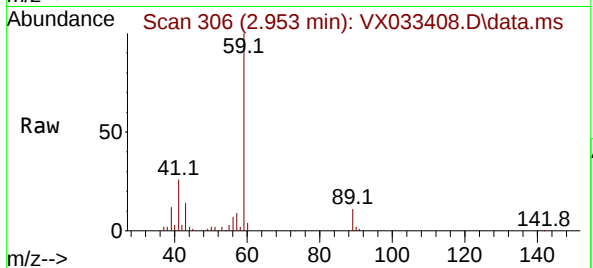
57 10.0 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#12

1,1-Dichloroethene

Concen: 44.823 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX033408.D

Acq: 13 Dec 2022 21:16

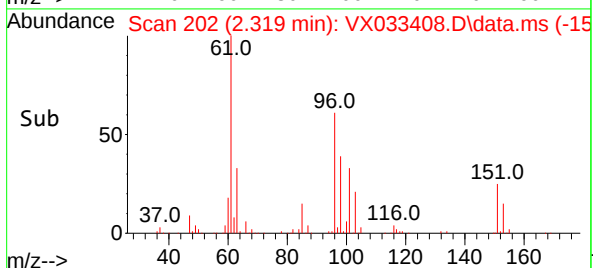
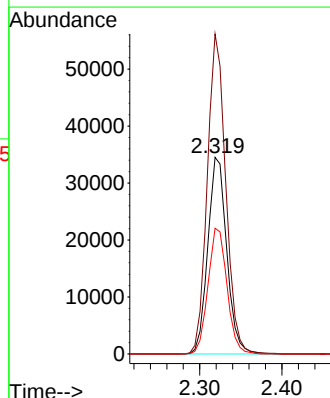
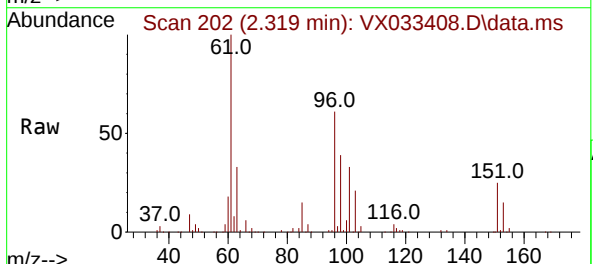
Tgt Ion: 96 Resp: 55285

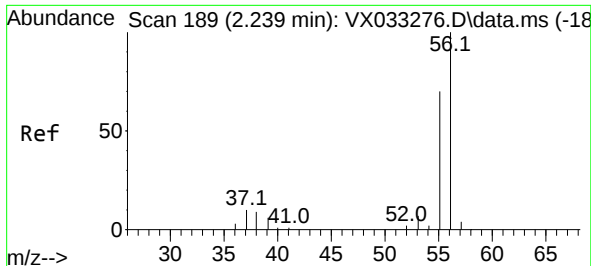
Ion Ratio Lower Upper

96 100

61 162.7 125.1 187.7

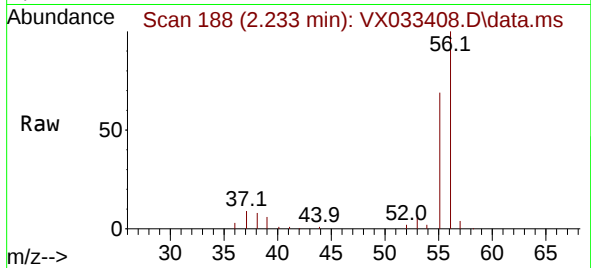
98 64.0 50.6 76.0





#13
Acrolein
Concen: 166.593 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

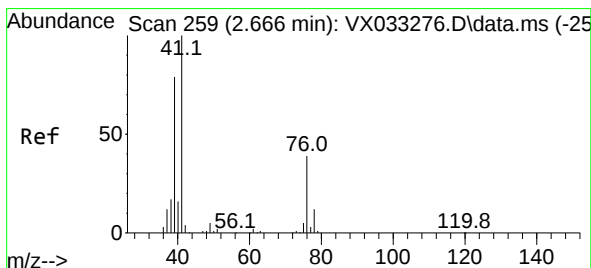
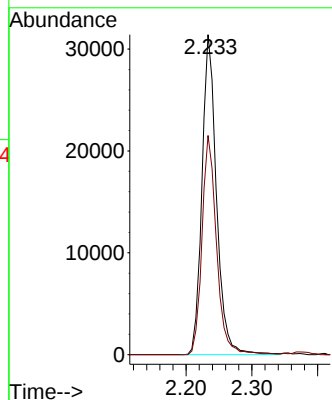
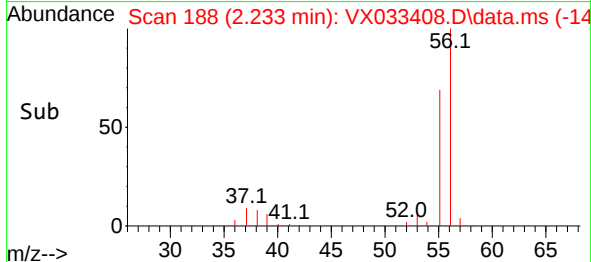
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 4821
Ion Ratio Lower Upper
56 100
55 68.7 56.9 85.3

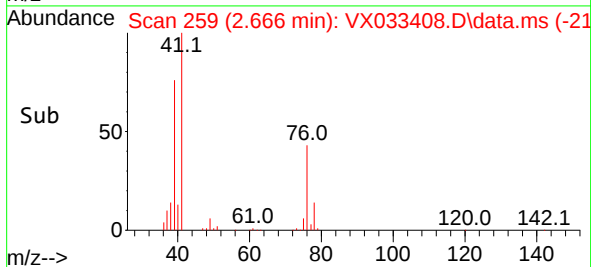
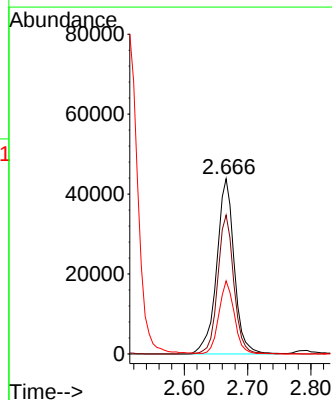
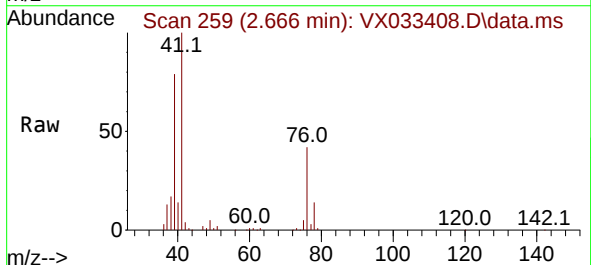
Manual Integrations
APPROVED

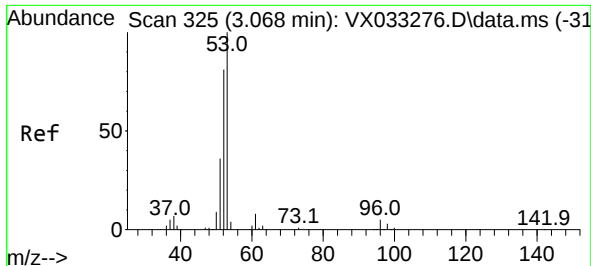
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#14
Allyl chloride
Concen: 42.901 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

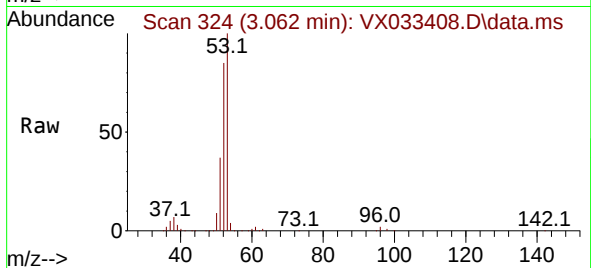
Tgt Ion: 41 Resp: 84501
Ion Ratio Lower Upper
41 100
39 72.4 61.4 92.2
76 36.7 29.2 43.8





#15
Acrylonitrile
Concen: 226.325 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

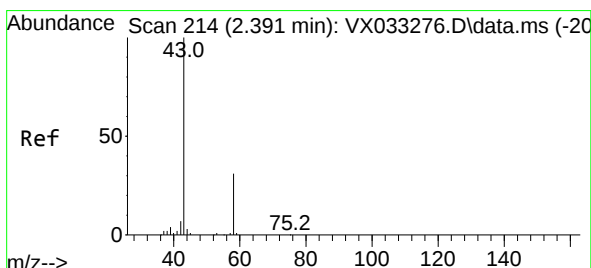
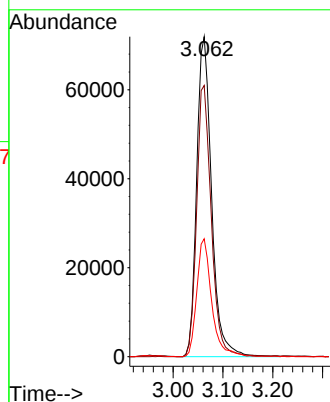
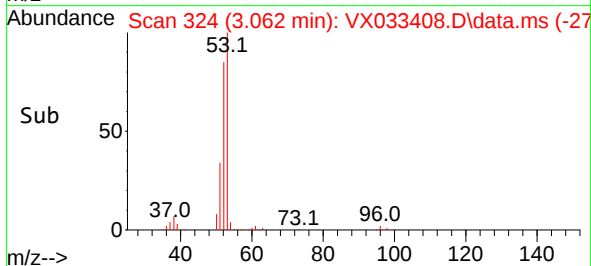
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 149602
Ion Ratio Lower Upper
53 100
52 83.1 67.4 101.0
51 36.9 30.3 45.5

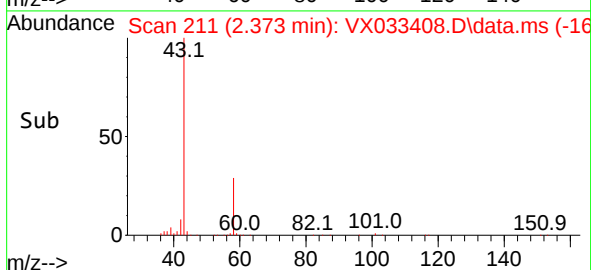
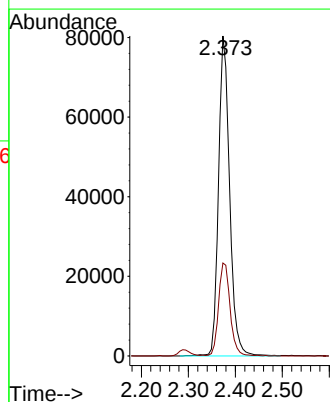
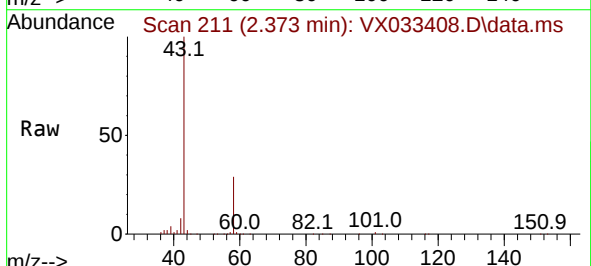
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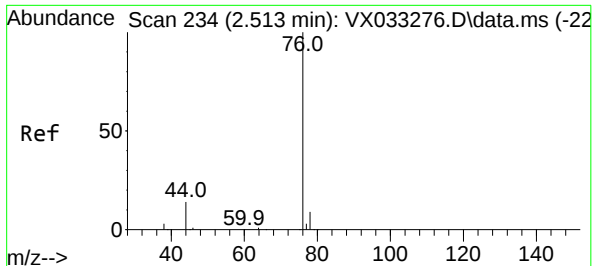
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#16
Acetone
Concen: 204.569 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.018 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

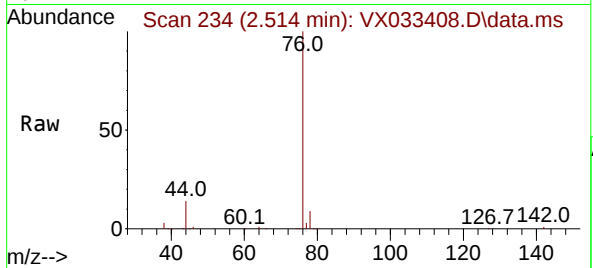
Tgt Ion: 43 Resp: 132121
Ion Ratio Lower Upper
43 100
58 29.0 23.8 35.8





#17
Carbon Disulfide
Concen: 41.493 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

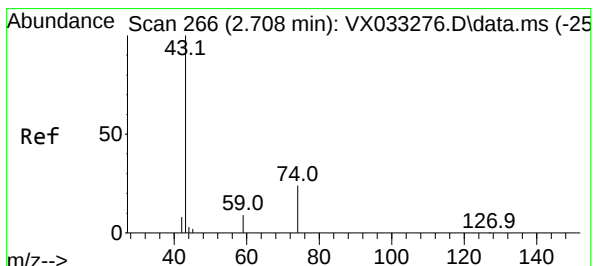
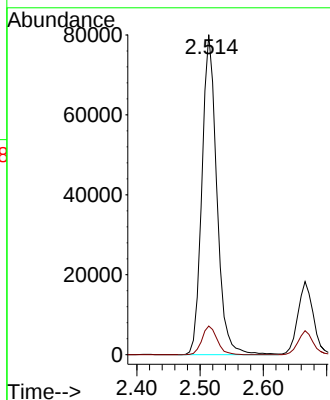
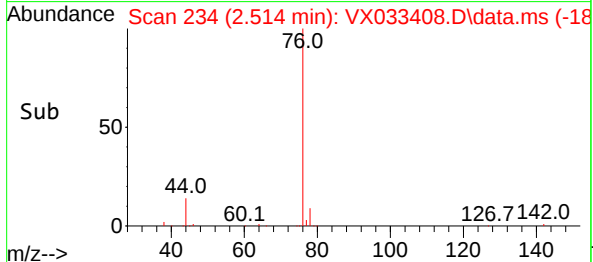
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 13135
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

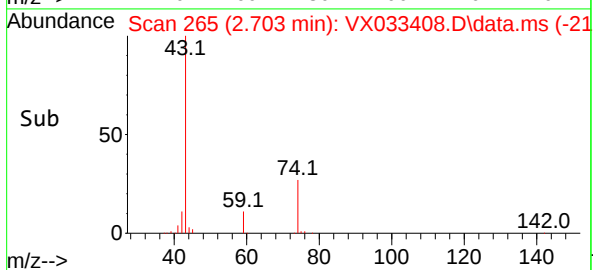
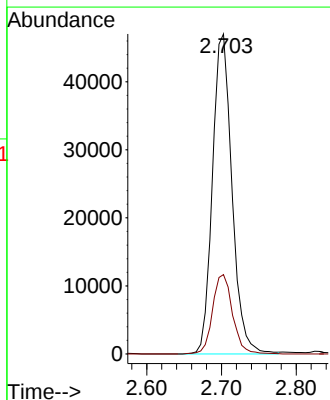
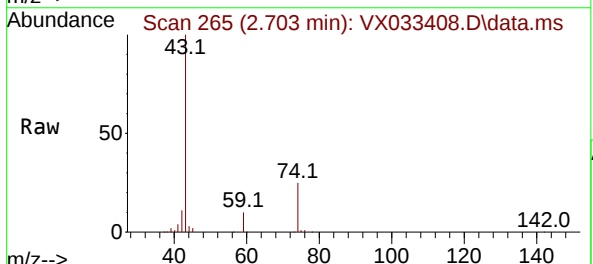
Manual Integrations
APPROVED

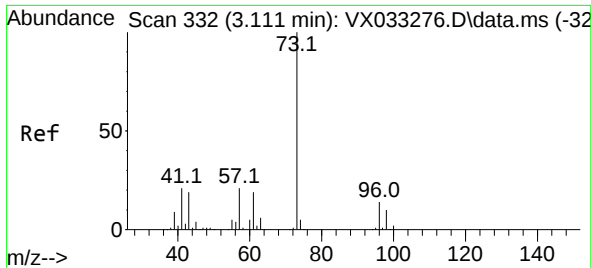
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#18
Methyl Acetate
Concen: 45.611 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

Tgt Ion: 43 Resp: 85277
Ion Ratio Lower Upper
43 100
74 25.4 19.4 29.0





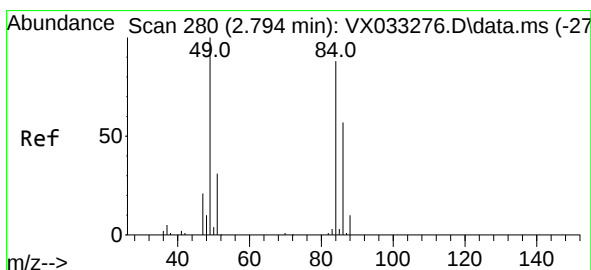
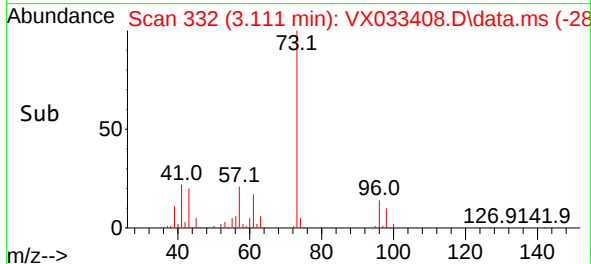
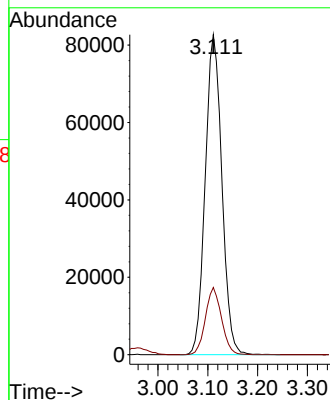
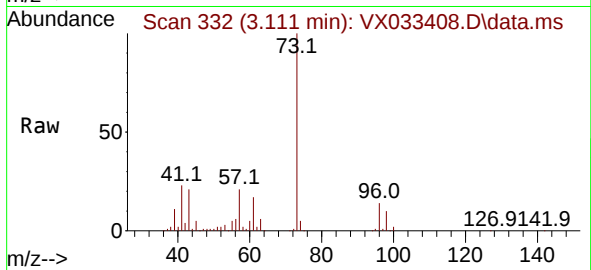
#19
Methyl tert-butyl Ether
Concen: 44.778 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 191308
Ion Ratio Lower Upper
73 100
57 21.0 16.6 25.0

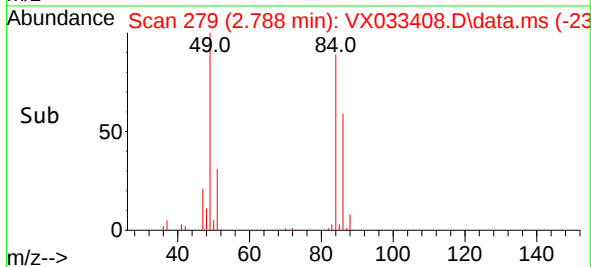
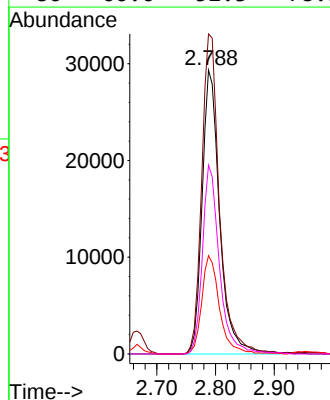
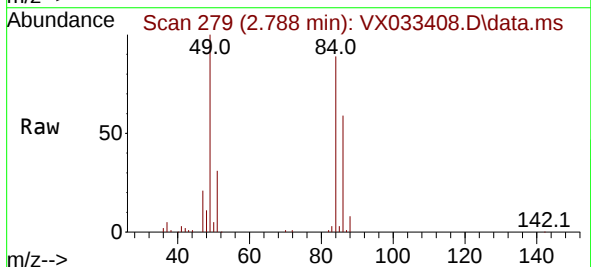
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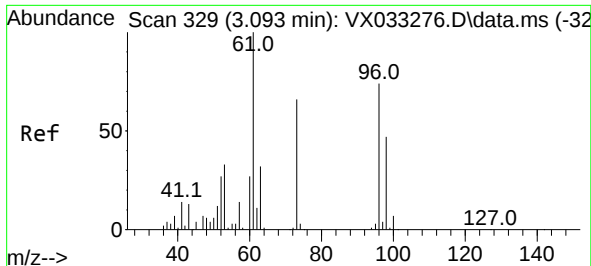
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#20
Methylene Chloride
Concen: 42.405 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

Tgt Ion: 84 Resp: 61078
Ion Ratio Lower Upper
84 100
49 112.8 101.0 151.6
51 34.6 31.1 46.7
86 66.6 52.3 78.5





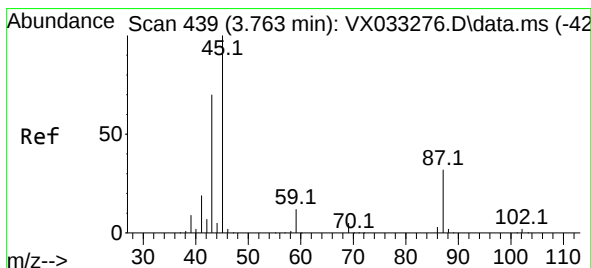
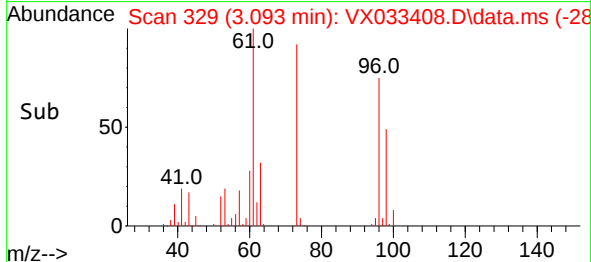
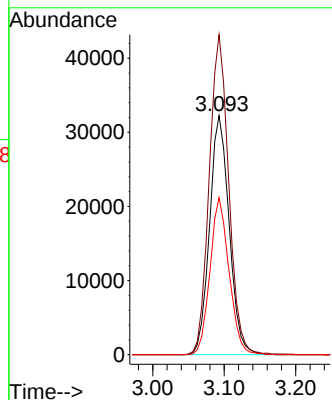
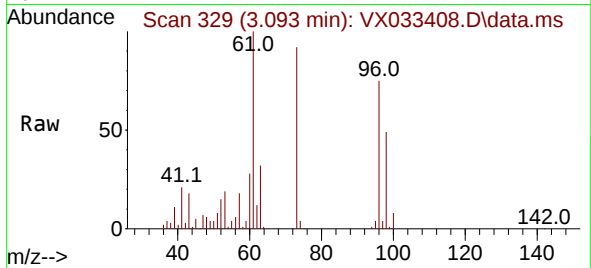
#21
trans-1,2-Dichloroethene
Concen: 45.504 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 61394
Ion Ratio Lower Upper
96 100
61 133.9 106.6 160.0
98 65.7 51.0 76.6

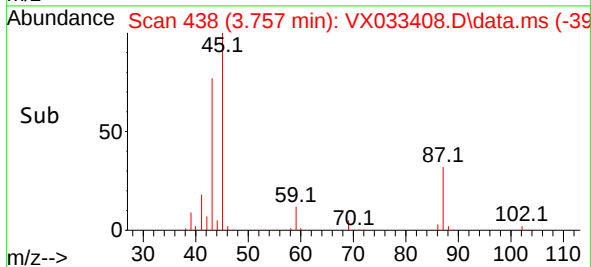
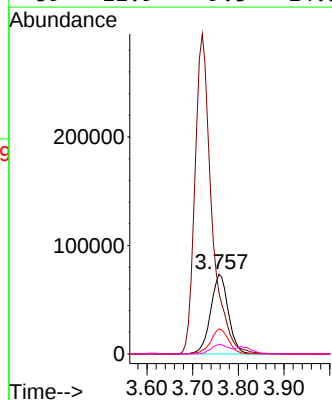
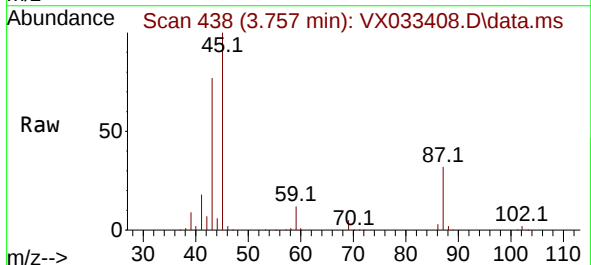
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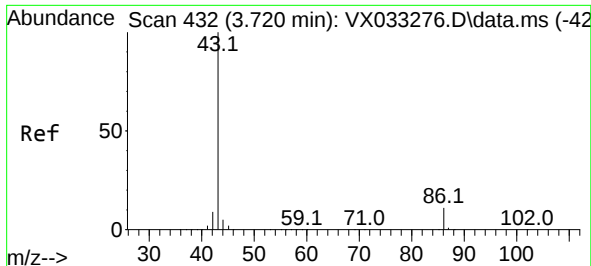
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#22
Diisopropyl ether
Concen: 46.718 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

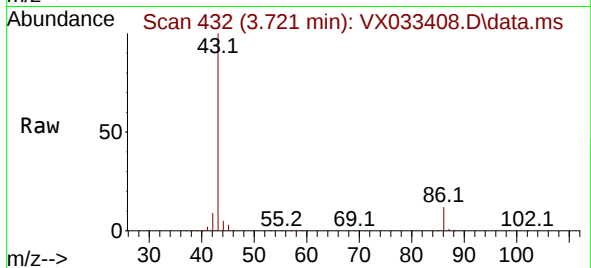
Tgt Ion: 45 Resp: 197149
Ion Ratio Lower Upper
45 100
43 76.7 56.4 84.6
87 31.5 24.4 36.6
59 11.9 9.5 14.3





#23
 Vinyl Acetate
 Concen: 229.423 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX033408.D
 Acq: 13 Dec 2022 21:16

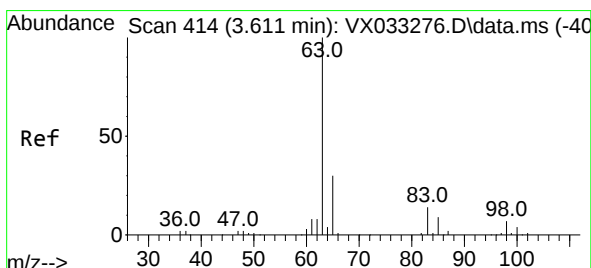
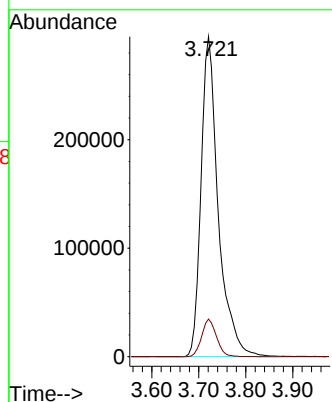
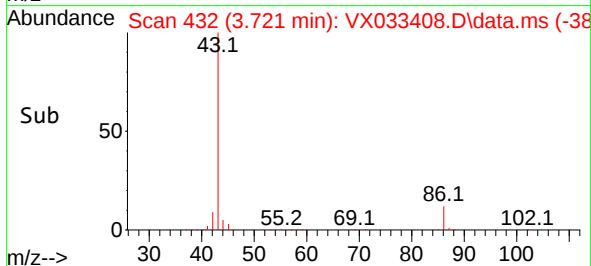
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



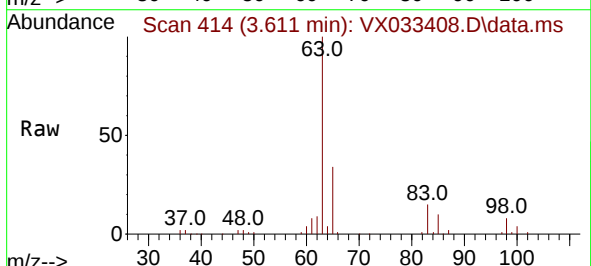
Tgt Ion: 43 Resp: 751470
 Ion Ratio Lower Upper
 43 100
 86 11.8 8.6 12.8

Manual Integrations
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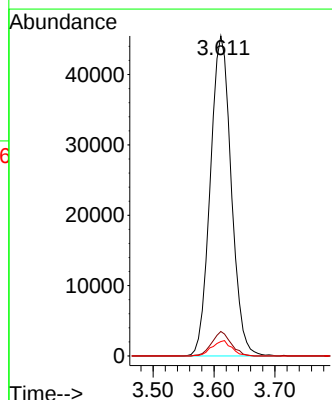
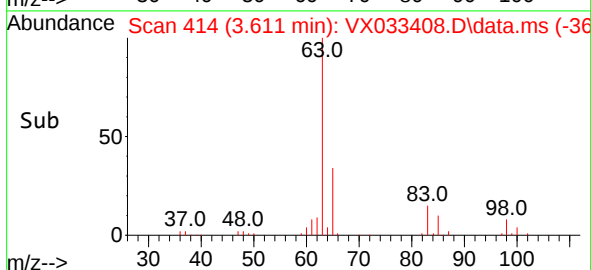
Reviewed By :John Carlone 12/14/2022
 Supervised By :Mahesh Dadoda 12/14/2022

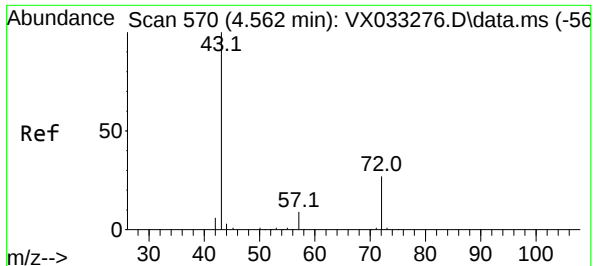


#24
 1,1-Dichloroethane
 Concen: 43.817 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX033408.D
 Acq: 13 Dec 2022 21:16



Tgt Ion: 63 Resp: 108646
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.4
 100 4.5 2.3 6.8





#25

2-Butanone

Concen: 225.257 ug/l

RT: 4.550 min Scan# 50

Delta R.T. -0.012 min

Lab File: VX033408.D

Acq: 13 Dec 2022 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 208828

Ion Ratio Lower Upper

43 100

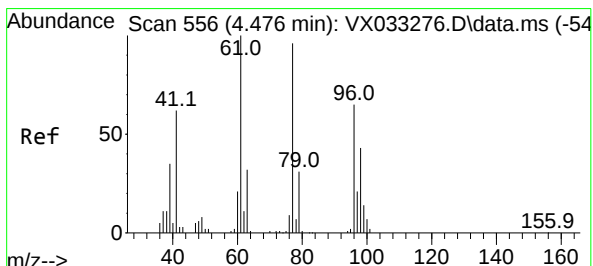
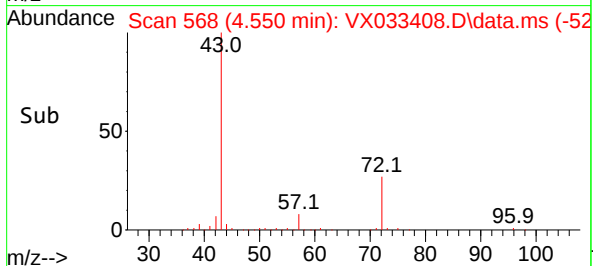
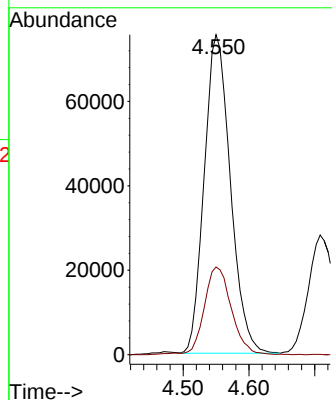
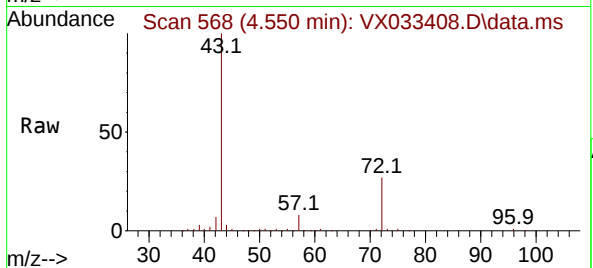
72 27.4 22.2 33.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#26

2,2-Dichloropropane

Concen: 43.085 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX033408.D

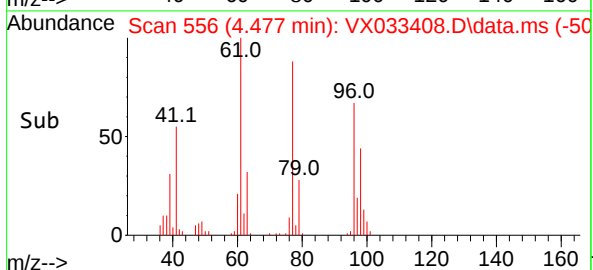
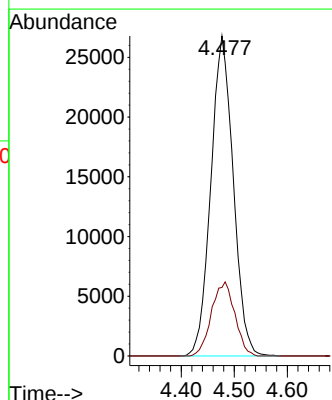
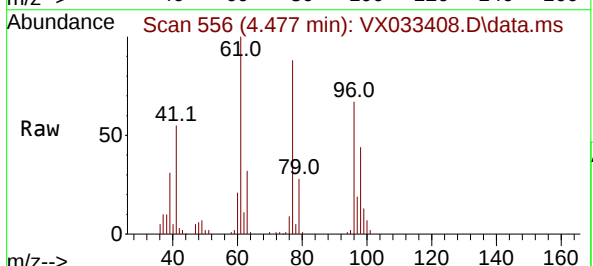
Acq: 13 Dec 2022 21:16

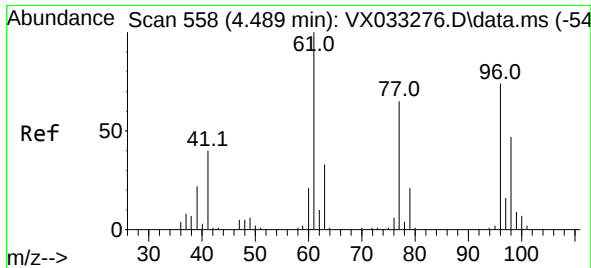
Tgt Ion: 77 Resp: 78562

Ion Ratio Lower Upper

77 100

97 24.1 11.4 34.1





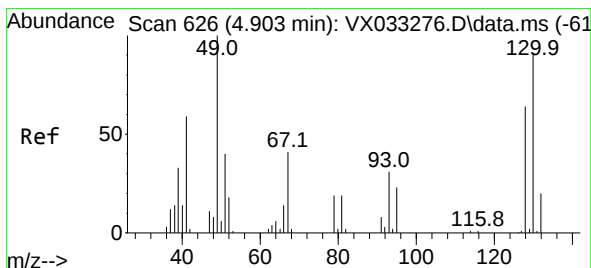
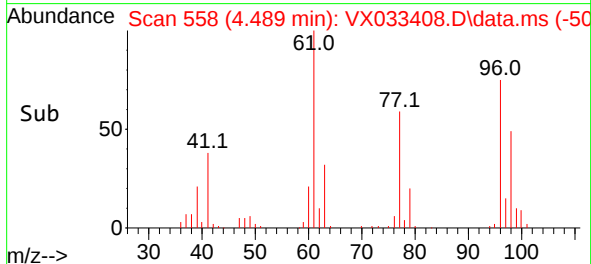
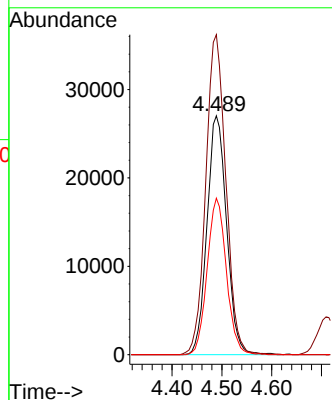
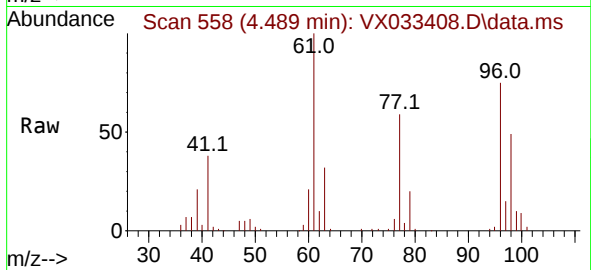
#27
 cis-1,2-Dichloroethene
 Concen: 45.797 ug/l
 RT: 4.489 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VX033408.D
 Acq: 13 Dec 2022 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 73840
 Ion Ratio Lower Upper
 96 100
 61 137.1 0.0 286.0
 98 64.1 0.0 129.6

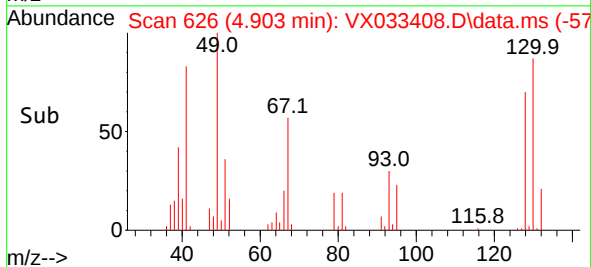
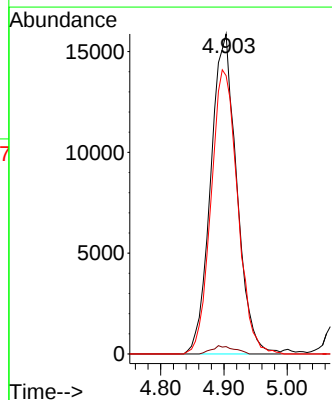
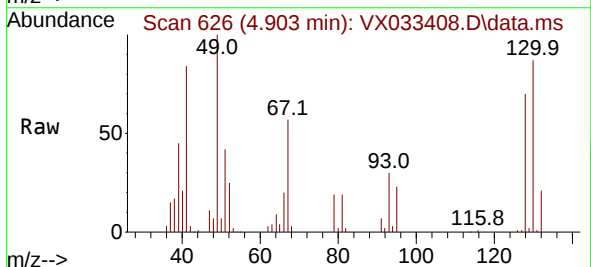
Manual Integrations
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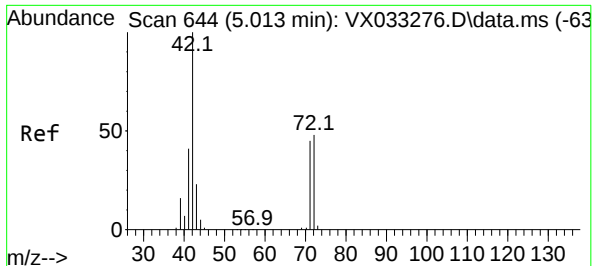
Reviewed By :John Carlone 12/14/2022
 Supervised By :Mahesh Dadoda 12/14/2022



#28
 Bromochloromethane
 Concen: 43.697 ug/l
 RT: 4.903 min Scan# 626
 Delta R.T. 0.000 min
 Lab File: VX033408.D
 Acq: 13 Dec 2022 21:16

Tgt Ion: 49 Resp: 45355
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.8
 130 90.6 67.5 101.3





#29

Tetrahydrofuran

Concen: 232.626 ug/l

RT: 5.001 min Scan# 64

Delta R.T. -0.012 min

Lab File: VX033408.D

Acq: 13 Dec 2022 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 139720

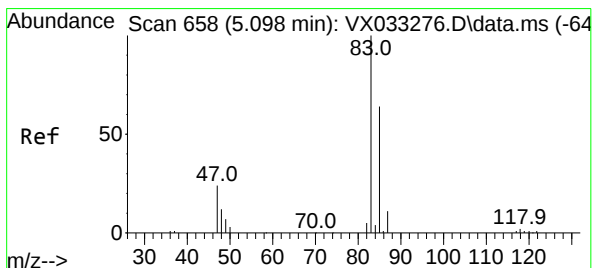
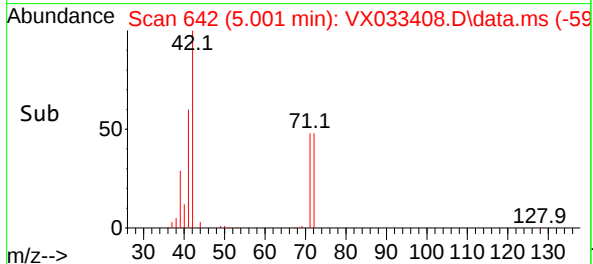
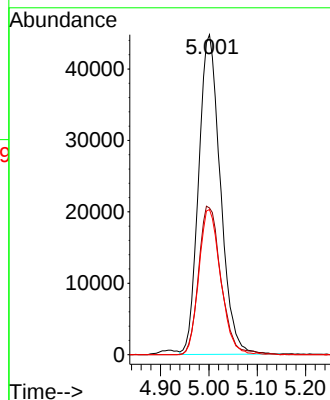
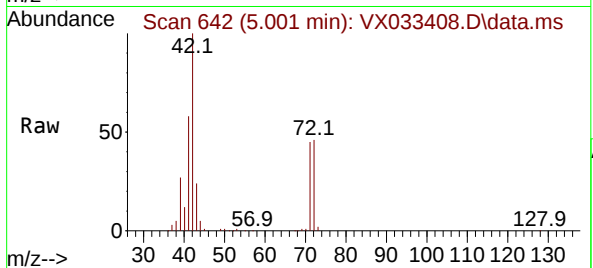
Ion	Ratio	Lower	Upper
42	100		
72	48.0	37.6	56.4
71	45.6	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#30

Chloroform

Concen: 46.660 ug/l

RT: 5.092 min Scan# 657

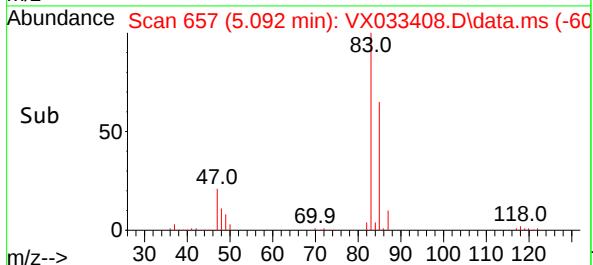
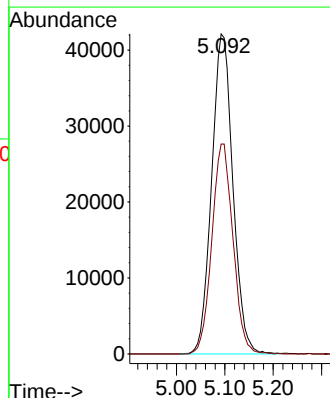
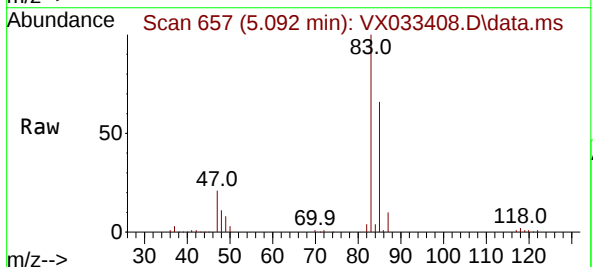
Delta R.T. -0.006 min

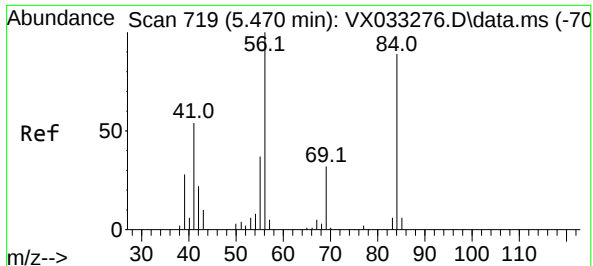
Lab File: VX033408.D

Acq: 13 Dec 2022 21:16

Tgt Ion: 83 Resp: 128442

Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.1	76.7





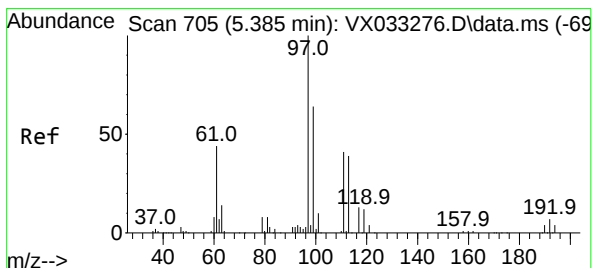
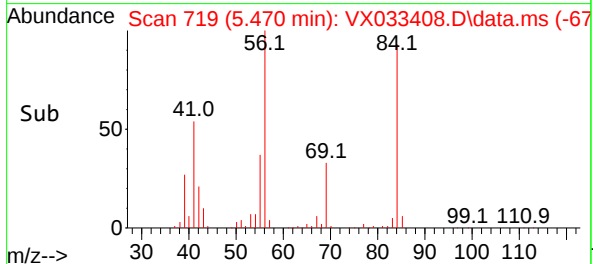
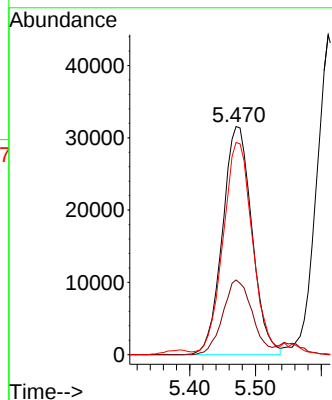
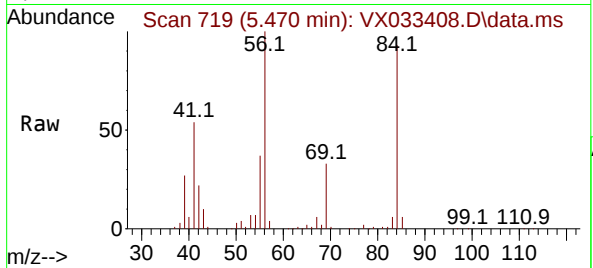
#31
Cyclohexane
Concen: 47.436 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 98394
Ion Ratio Lower Upper
56 100
69 32.8 24.1 36.1
84 90.8 66.9 100.3

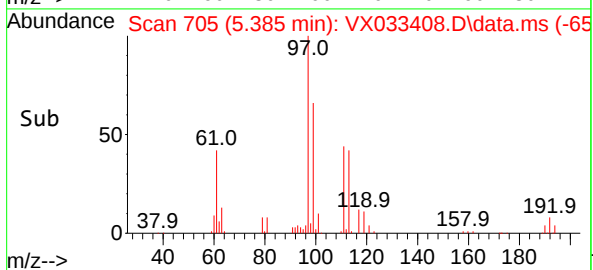
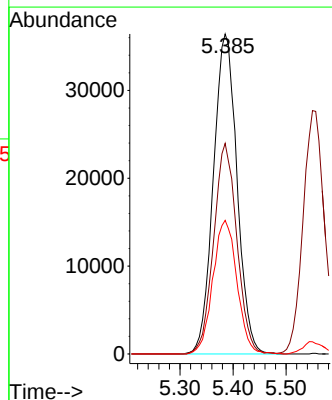
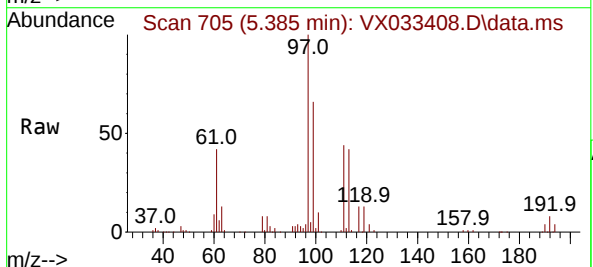
Manual Integrations
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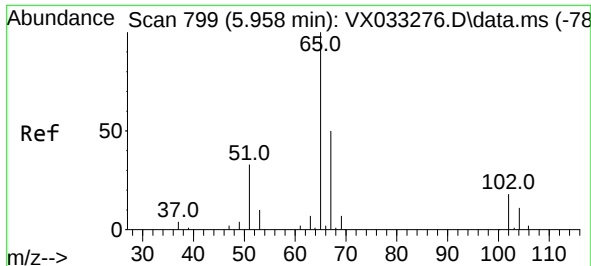
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#32
1,1,1-Trichloroethane
Concen: 47.567 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

Tgt Ion: 97 Resp: 112658
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.0
61 42.6 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 43.654 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033408.D

Acq: 13 Dec 2022 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 3810

Ion Ratio Lower Upper

65 100

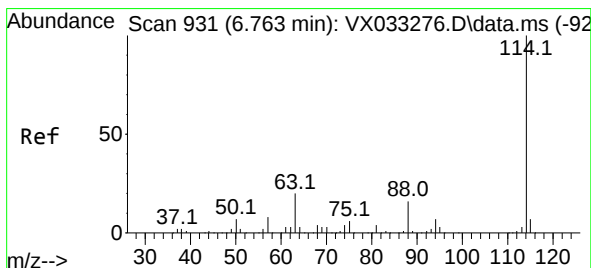
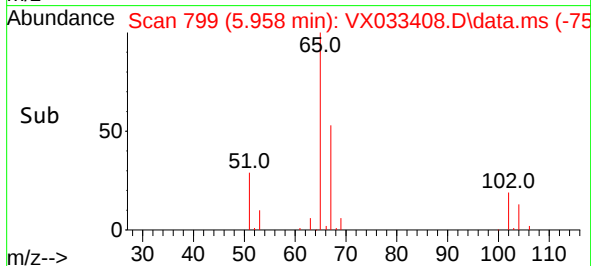
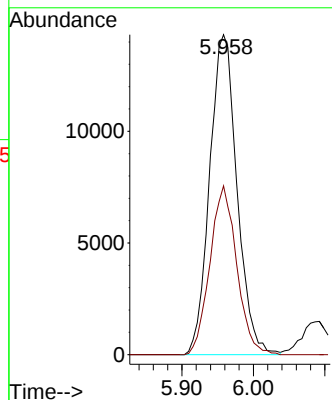
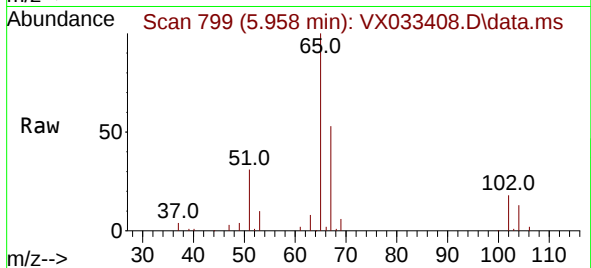
67 51.6 0.0 101.8

Manual Integrations

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Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033408.D

Acq: 13 Dec 2022 21:16

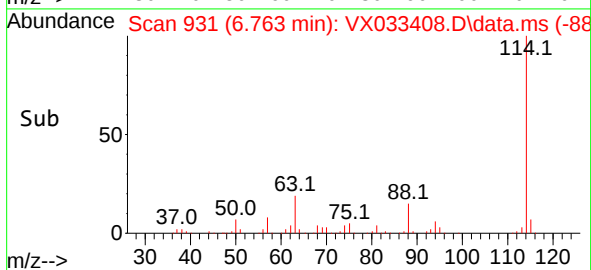
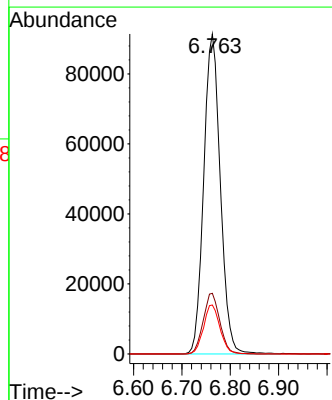
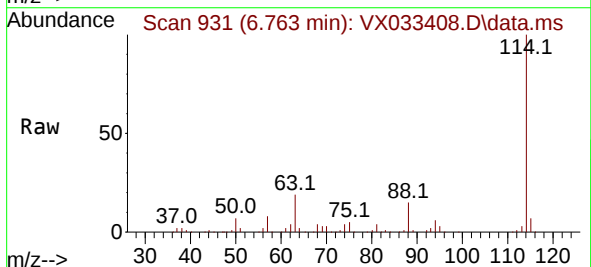
Tgt Ion:114 Resp: 217843

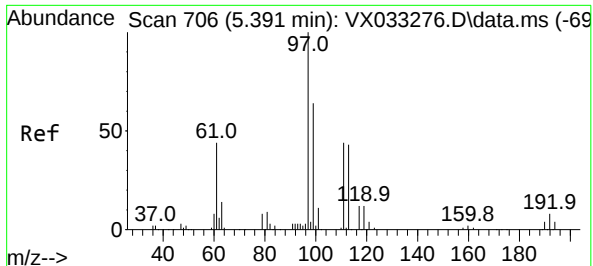
Ion Ratio Lower Upper

114 100

63 18.9 0.0 41.6

88 15.3 0.0 33.4





#35

Dibromofluoromethane

Concen: 45.149 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX033408.D

Acq: 13 Dec 2022 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 44238

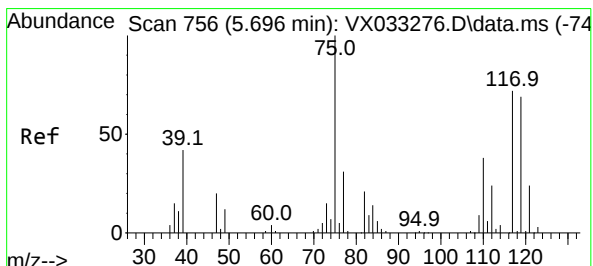
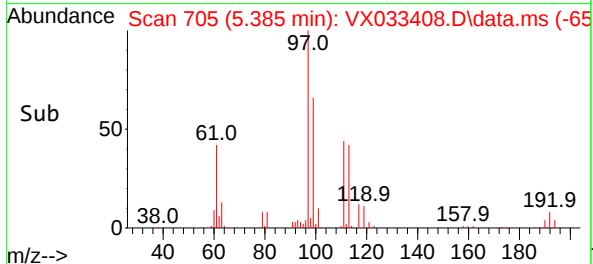
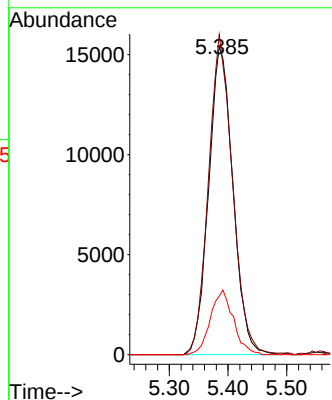
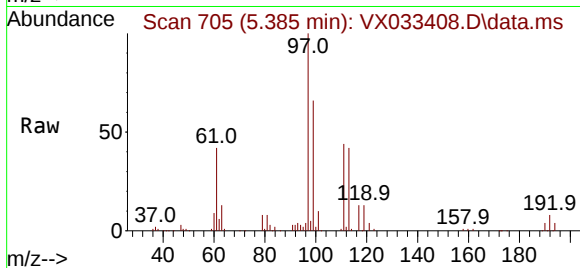
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.4	123.6
192	19.9	15.4	23.2

Manual Integrations

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Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#36

1,1-Dichloropropene

Concen: 47.037 ug/l

RT: 5.696 min Scan# 756

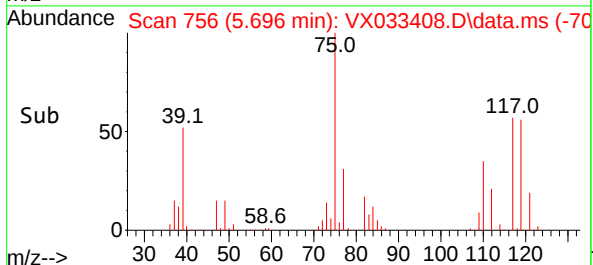
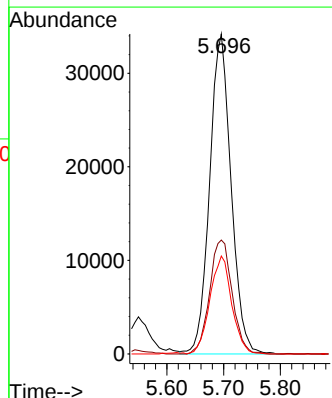
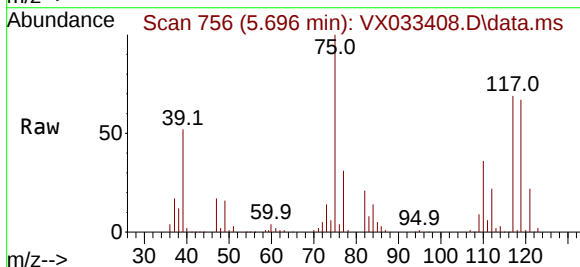
Delta R.T. 0.000 min

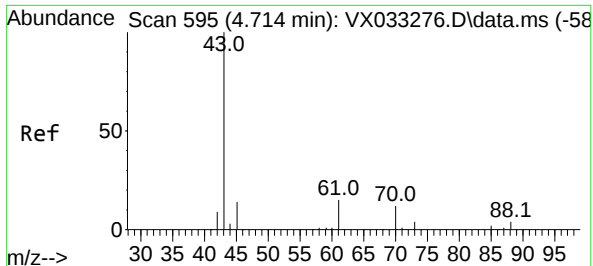
Lab File: VX033408.D

Acq: 13 Dec 2022 21:16

Tgt Ion: 75 Resp: 89855

Ion	Ratio	Lower	Upper
75	100		
110	37.4	18.4	55.2
77	31.1	24.5	36.7





#37

Ethyl Acetate

Concen: 44.751 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX033408.D

Acq: 13 Dec 2022 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

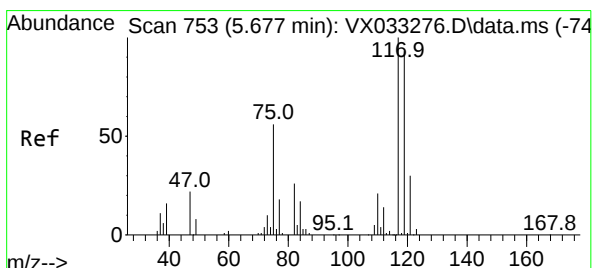
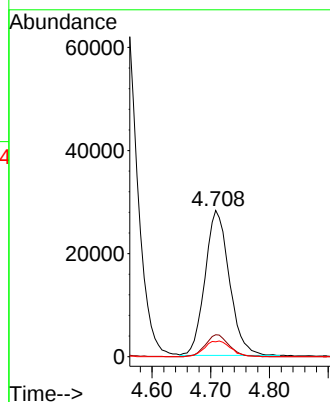
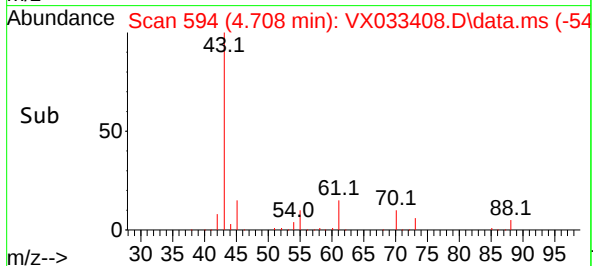
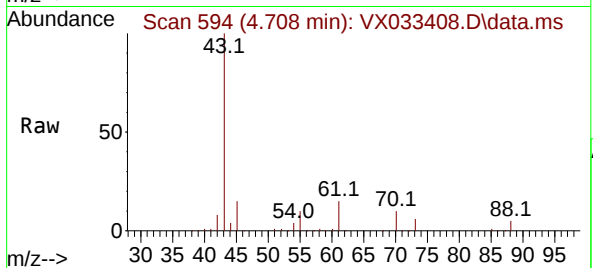
Tgt Ion:	43	Resp:	8081
Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.5	17.3
70	11.7	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#38

Carbon Tetrachloride

Concen: 47.379 ug/l

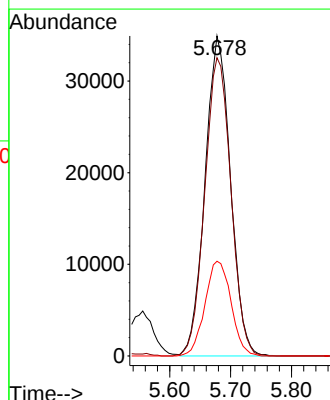
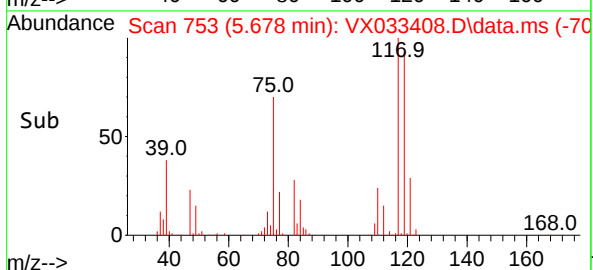
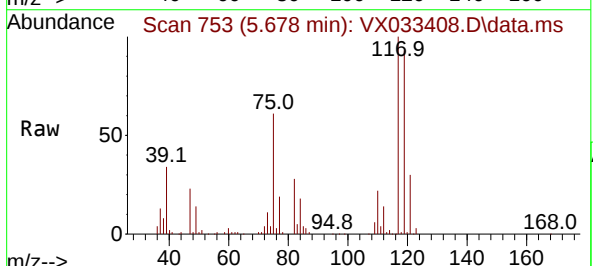
RT: 5.678 min Scan# 753

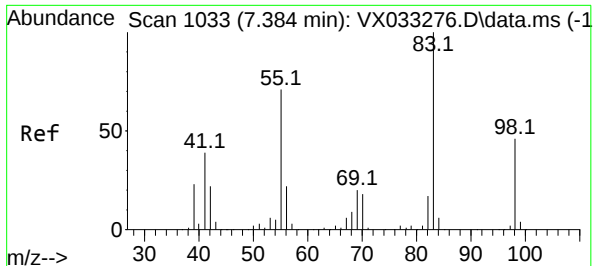
Delta R.T. 0.000 min

Lab File: VX033408.D

Acq: 13 Dec 2022 21:16

Tgt Ion:	117	Resp:	101407
Ion	Ratio	Lower	Upper
117	100		
119	93.2	77.2	115.8
121	29.6	25.8	38.6





#39

Methylcyclohexane

Concen: 49.339 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX033408.D

Acq: 13 Dec 2022 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 105498

Ion Ratio Lower Upper

83 100

55 73.1 58.4 87.6

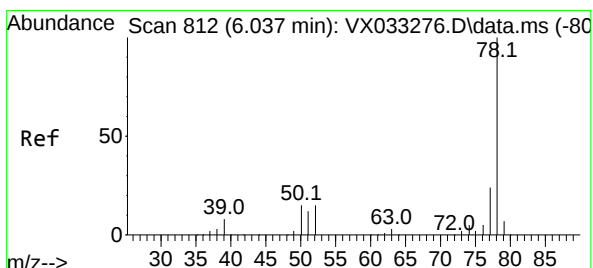
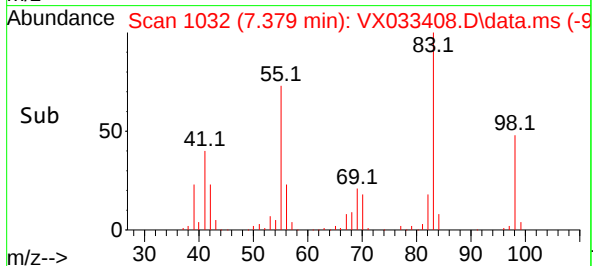
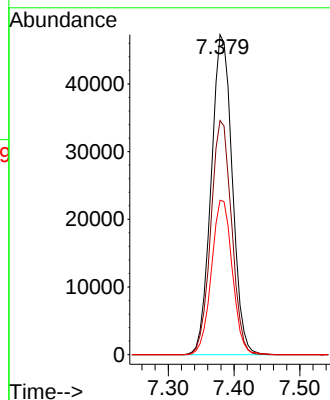
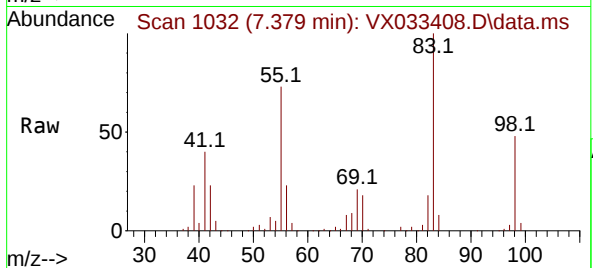
98 48.2 37.2 55.8

Manual Integrations

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Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#40

Benzene

Concen: 46.683 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX033408.D

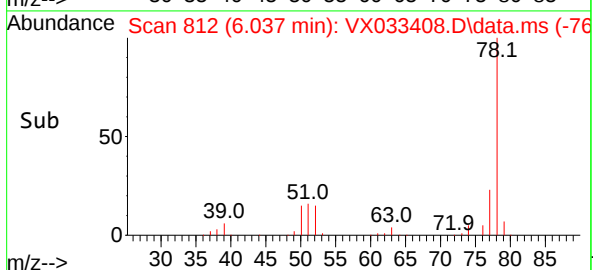
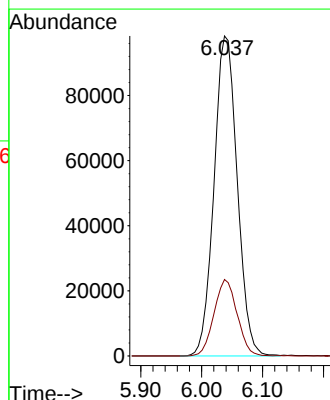
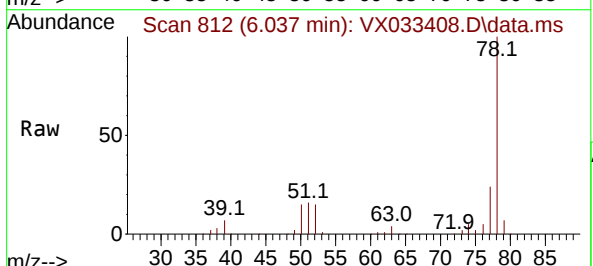
Acq: 13 Dec 2022 21:16

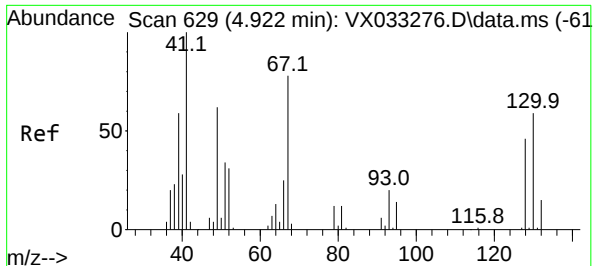
Tgt Ion: 78 Resp: 260019

Ion Ratio Lower Upper

78 100

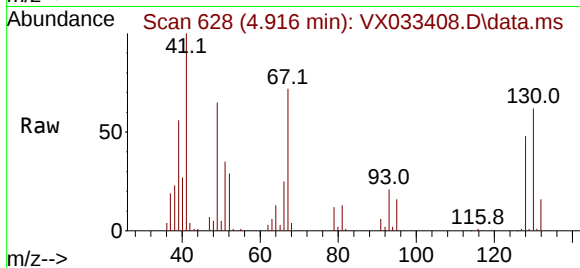
77 23.9 19.0 28.4





#41
Methacrylonitrile
Concen: 46.982 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

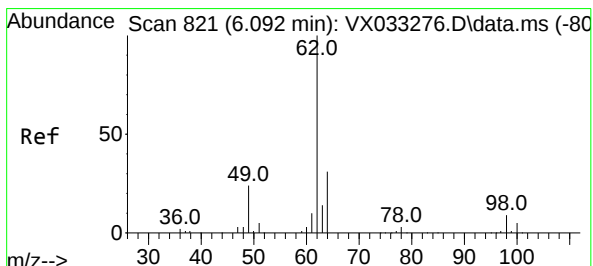
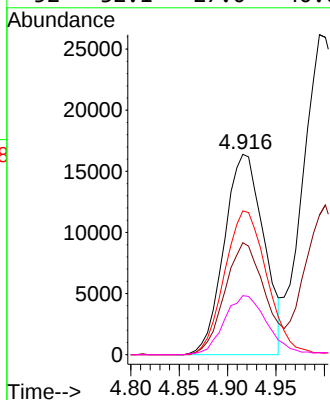
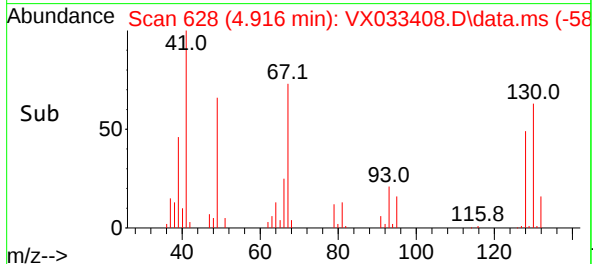
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 46750
Ion Ratio Lower Upper
41 100
39 56.9 47.5 71.3
67 76.9 60.5 90.7
52 32.1 27.0 40.6

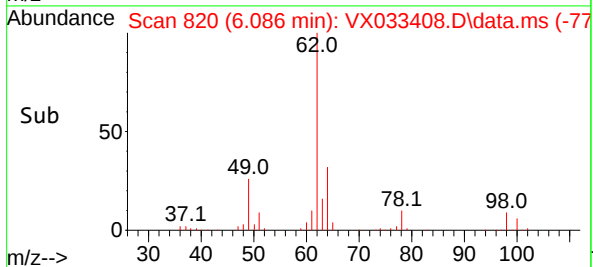
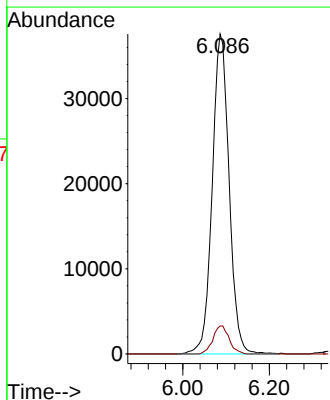
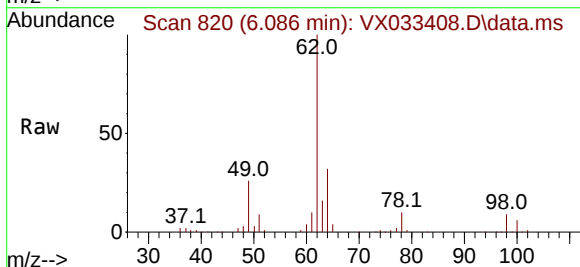
Manual Integrations
APPROVED

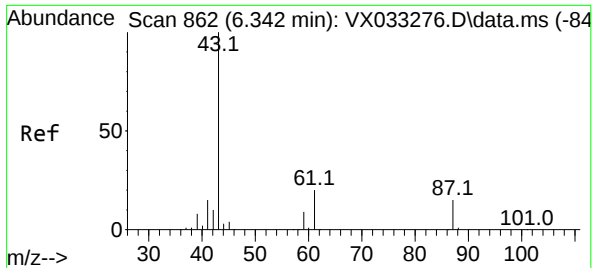
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#42
1,2-Dichloroethane
Concen: 46.017 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

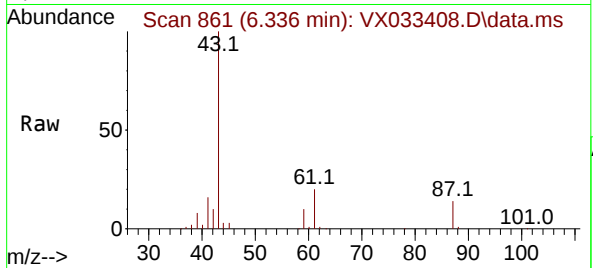
Tgt Ion: 62 Resp: 101779
Ion Ratio Lower Upper
62 100
98 8.5 0.0 16.0





#43
Isopropyl Acetate
Concen: 45.939 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

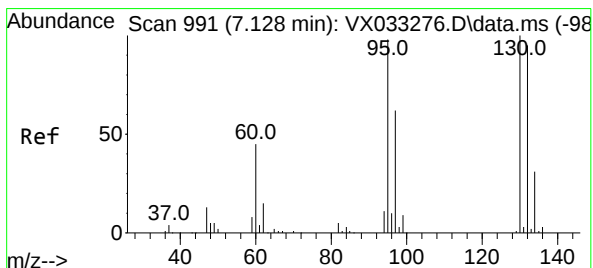
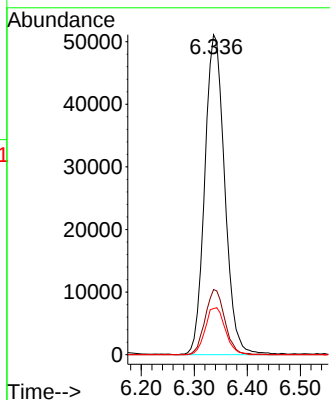
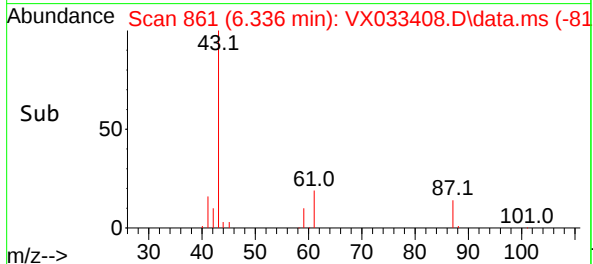
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 133475
Ion Ratio Lower Upper
43 100
61 20.1 15.4 23.0
87 14.7 10.8 16.2

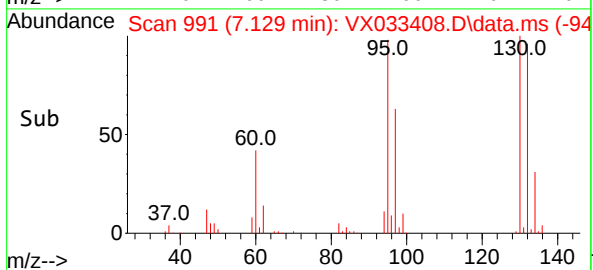
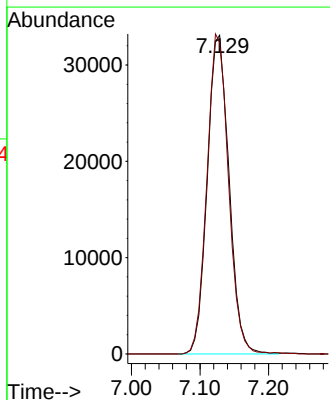
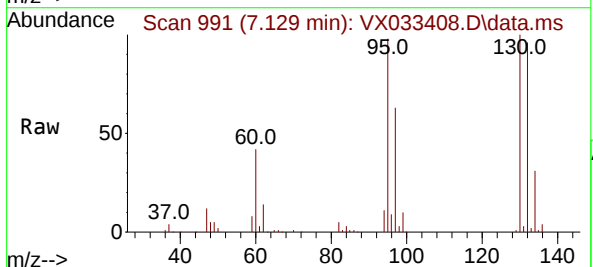
Manual Integrations
APPROVED

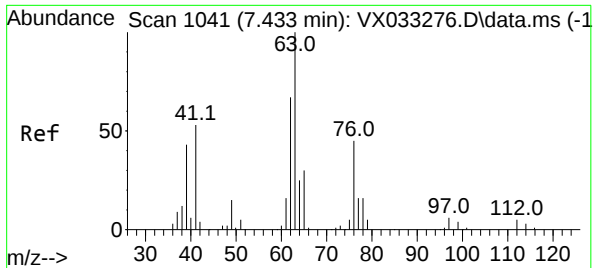
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#44
Trichloroethene
Concen: 47.463 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

Tgt Ion:130 Resp: 72887
Ion Ratio Lower Upper
130 100
95 97.8 0.0 195.2





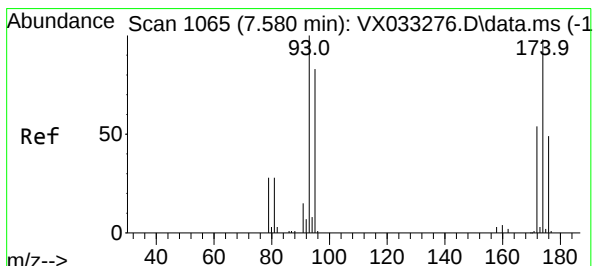
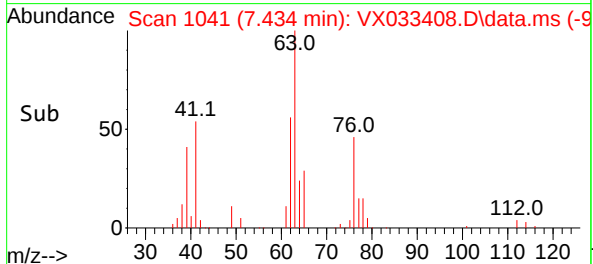
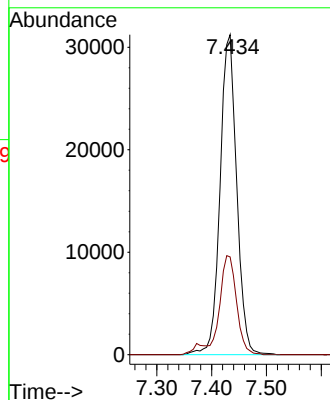
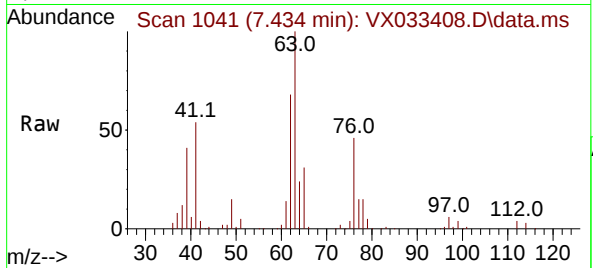
#45
1,2-Dichloropropane
Concen: 46.238 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 65864
Ion Ratio Lower Upper
63 100
65 30.5 24.6 36.8

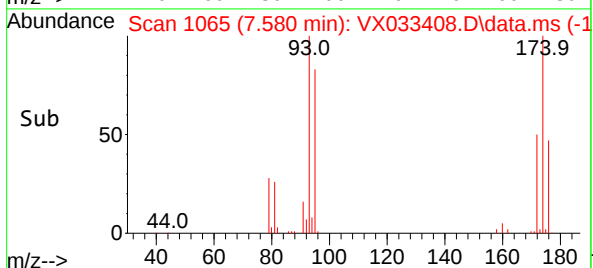
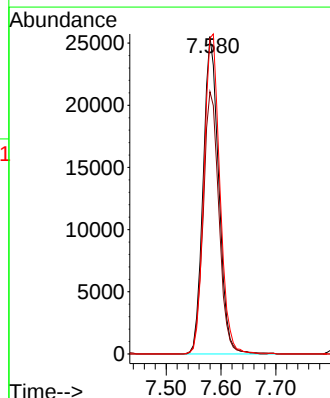
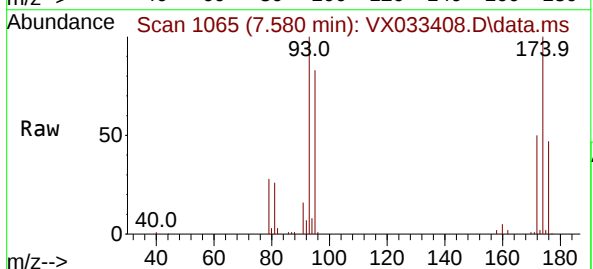
Manual Integrations
APPROVED

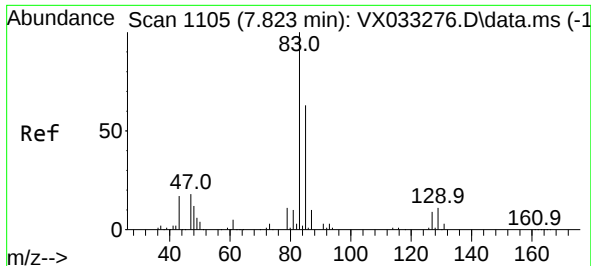
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#46
Dibromomethane
Concen: 46.276 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

Tgt Ion: 93 Resp: 50215
Ion Ratio Lower Upper
93 100
95 83.3 65.8 98.8
174 103.0 79.8 119.6





#47
Bromodichloromethane
Concen: 47.725 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

Instrument :

MSVOA_X

ClientSampleId :

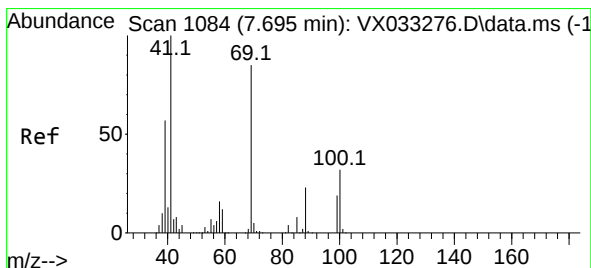
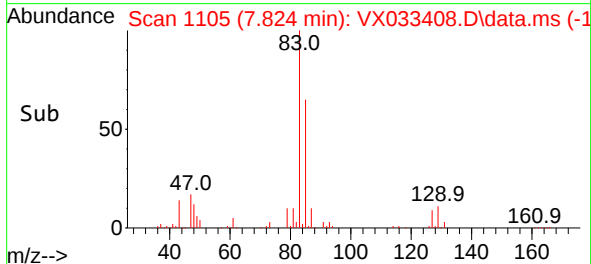
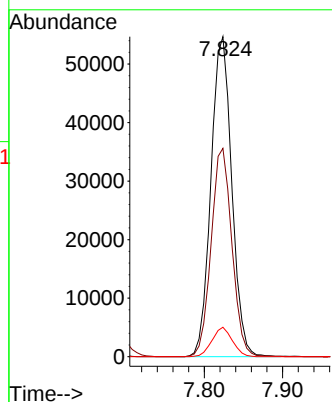
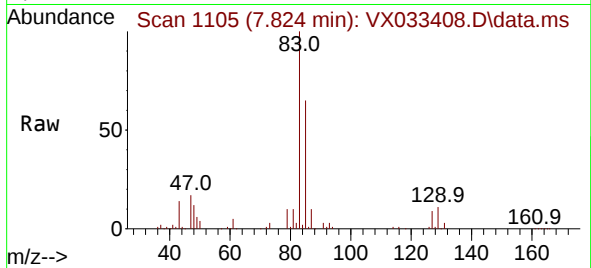
VSTDCCC050EC

Tgt Ion: 83 Resp: 100949
Ion Ratio Lower Upper
83 100
85 65.1 52.2 78.4
127 9.2 7.4 11.2

Manual Integrations

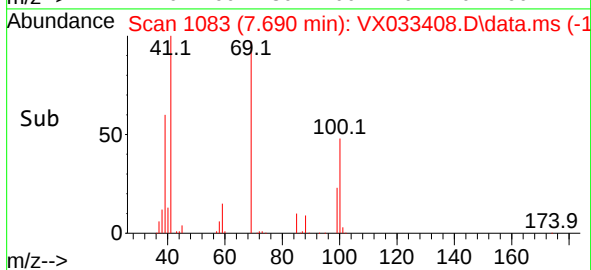
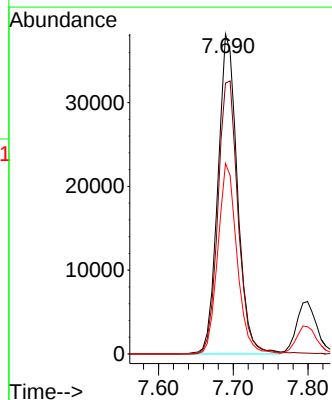
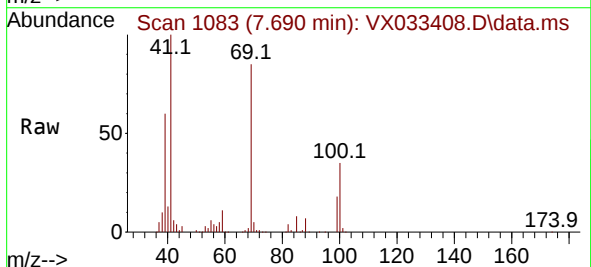
APPROVED

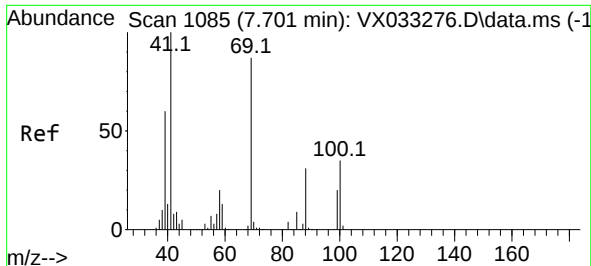
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#48
Methyl methacrylate
Concen: 46.213 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

Tgt Ion: 41 Resp: 69299
Ion Ratio Lower Upper
41 100
69 88.4 65.1 97.7
39 58.7 51.9 77.9





#49

1,4-Dioxane

Concen: 771.996 ug/l

RT: 7.665 min Scan# 1085

Delta R.T. -0.036 min

Lab File: VX033408.D

Acq: 13 Dec 2022 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 26398

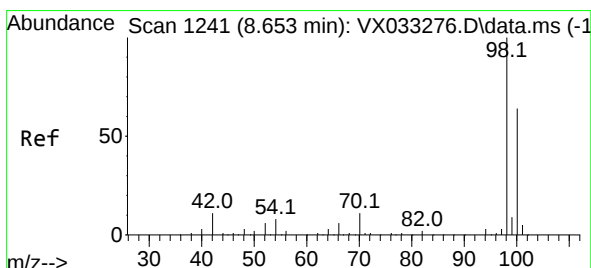
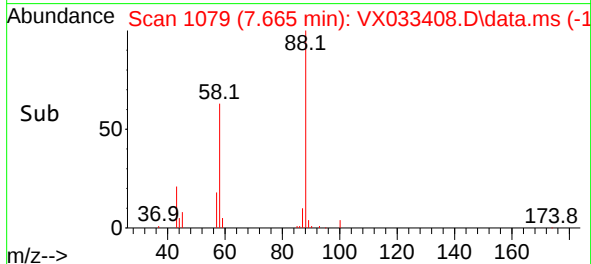
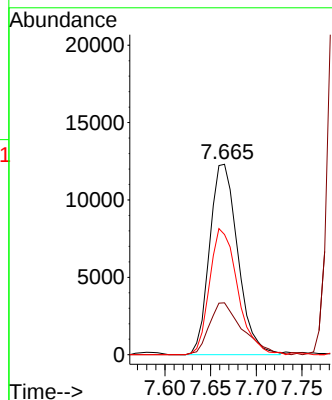
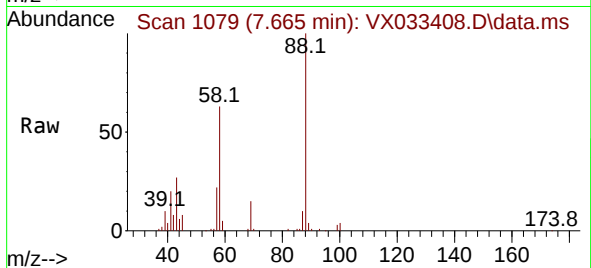
Ion	Ratio	Lower	Upper
88	100		
43	32.0	26.6	39.8
58	66.1	51.7	77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#50

Toluene-d8

Concen: 46.959 ug/l

RT: 8.647 min Scan# 1240

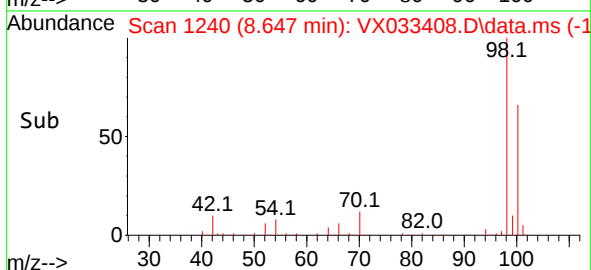
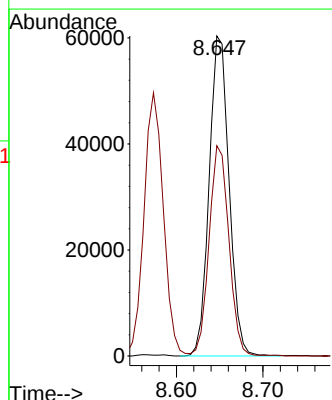
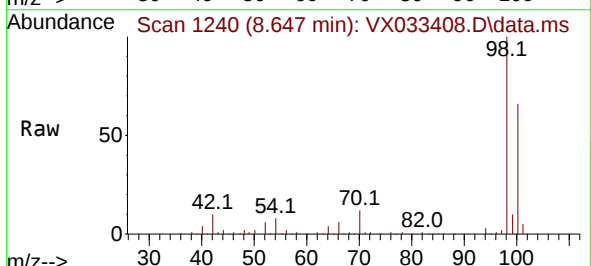
Delta R.T. -0.006 min

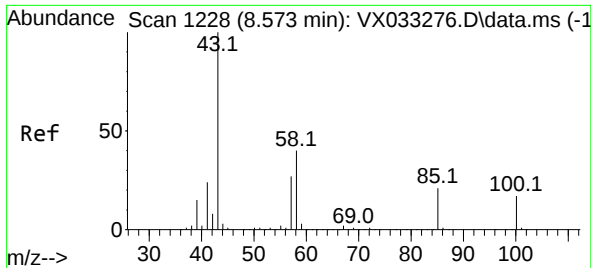
Lab File: VX033408.D

Acq: 13 Dec 2022 21:16

Tgt Ion: 98 Resp: 96253

Ion	Ratio	Lower	Upper
98	100		
100	65.0	50.9	76.3





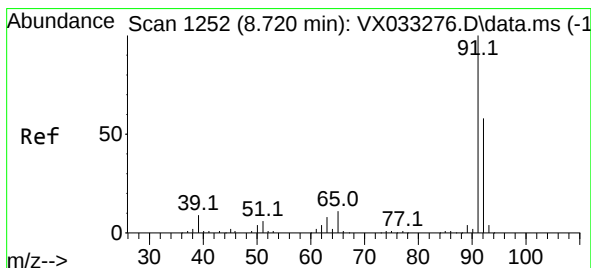
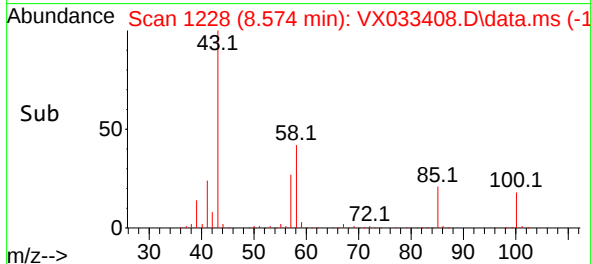
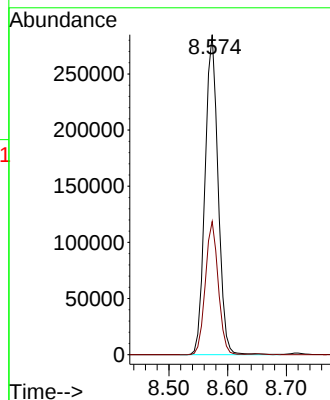
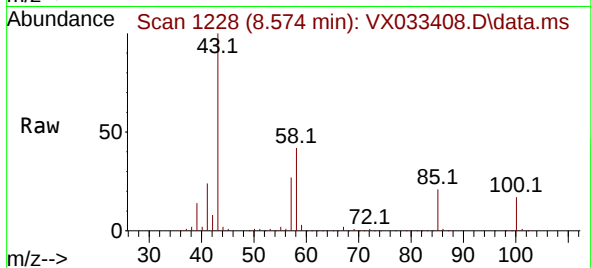
#51
4-Methyl-2-Pentanone
Concen: 240.079 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 44112
Ion Ratio Lower Upper
43 100
58 41.0 30.9 46.3

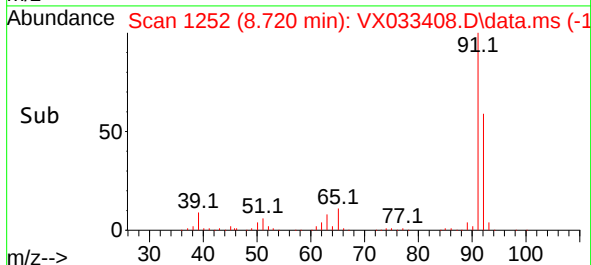
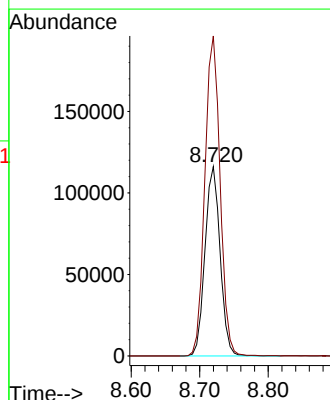
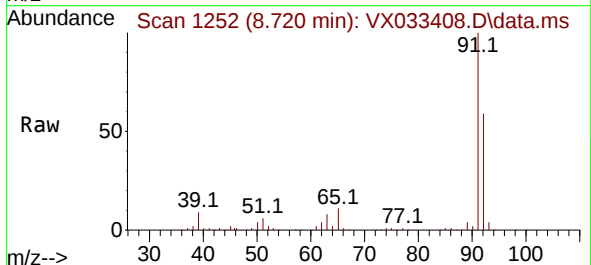
Manual Integrations
APPROVED

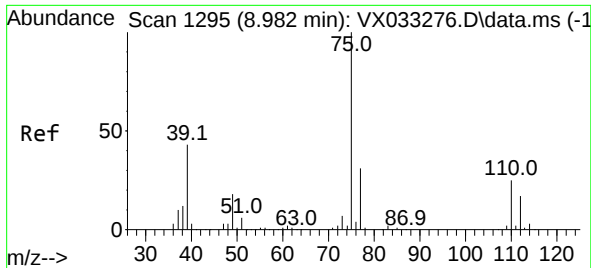
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#52
Toluene
Concen: 49.553 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

Tgt Ion: 92 Resp: 178449
Ion Ratio Lower Upper
92 100
91 170.1 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 43.938 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VX033408.D

Acq: 13 Dec 2022 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 9911

Ion Ratio Lower Upper

75 100

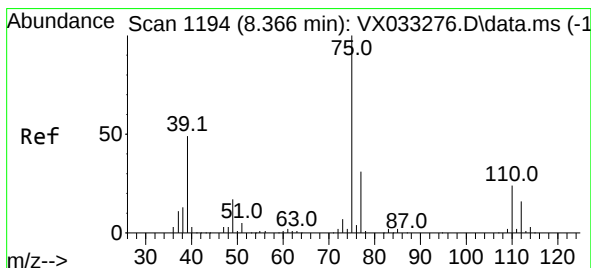
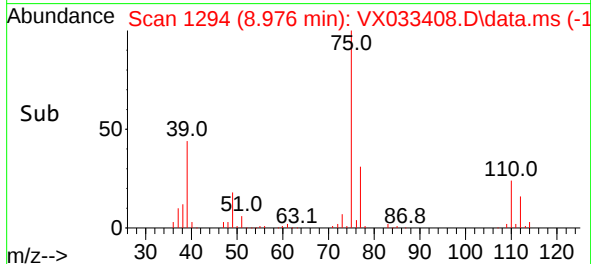
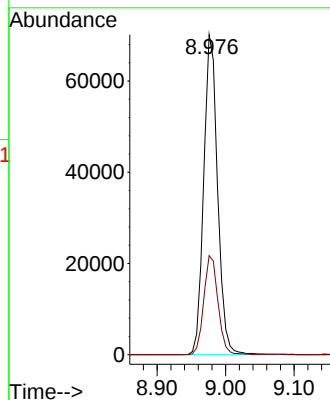
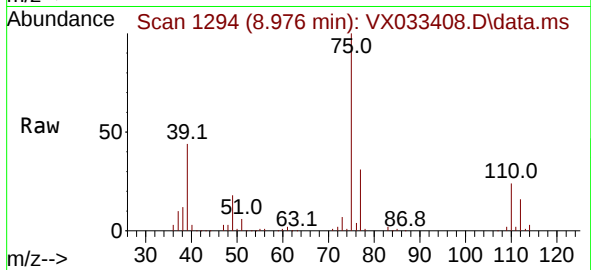
77 31.0 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#54

cis-1,3-Dichloropropene

Concen: 47.686 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033408.D

Acq: 13 Dec 2022 21:16

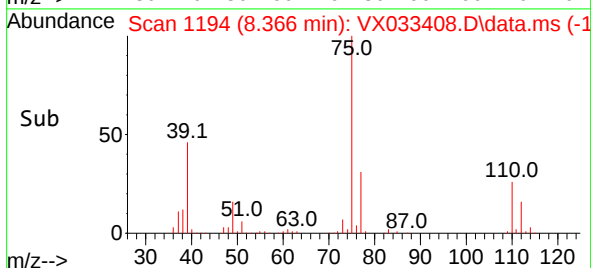
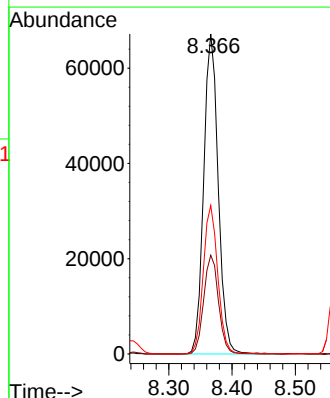
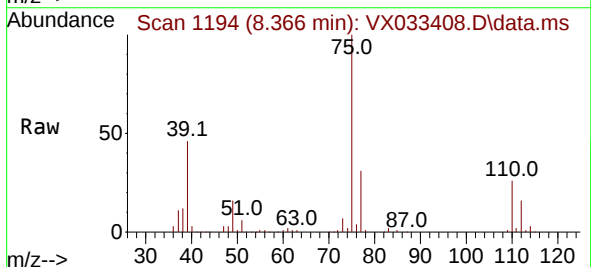
Tgt Ion: 75 Resp: 107336

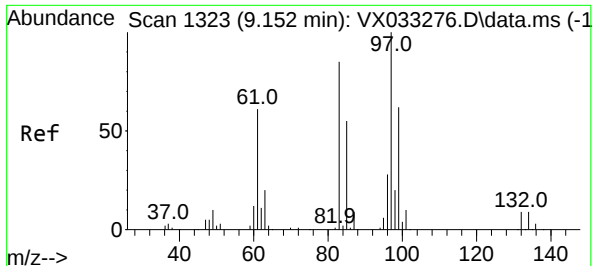
Ion Ratio Lower Upper

75 100

77 30.9 25.1 37.7

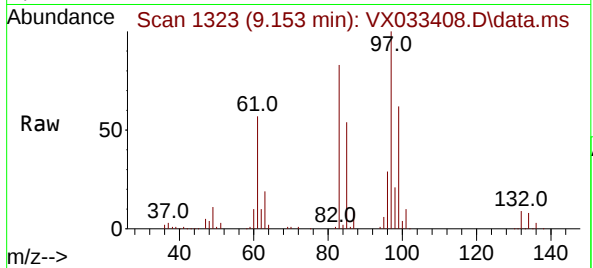
39 46.4 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 48.653 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

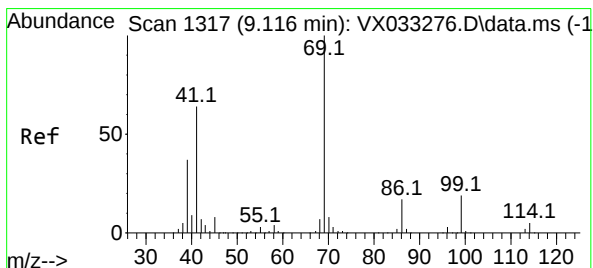
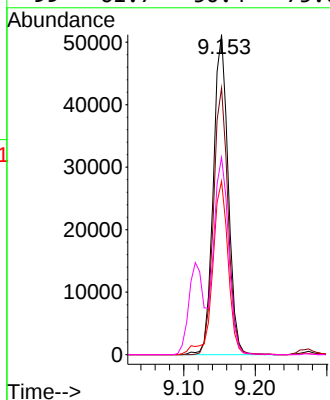
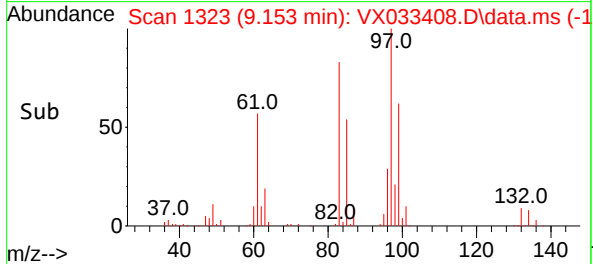
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



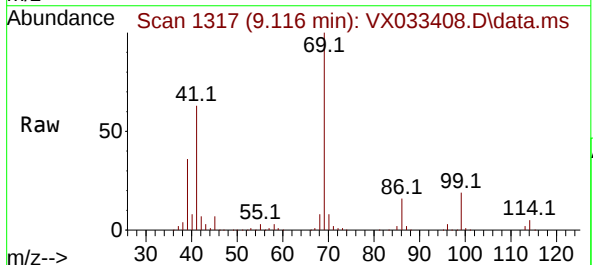
Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.4	68.1	102.1
85	54.2	43.3	64.9
99	61.7	50.4	75.6

Manual Integrations
APPROVED

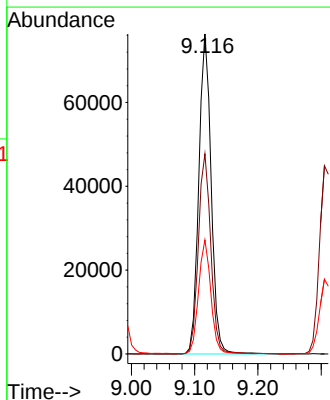
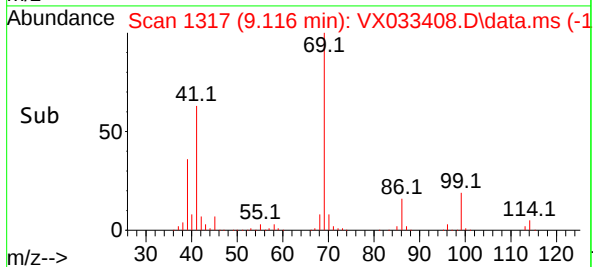
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

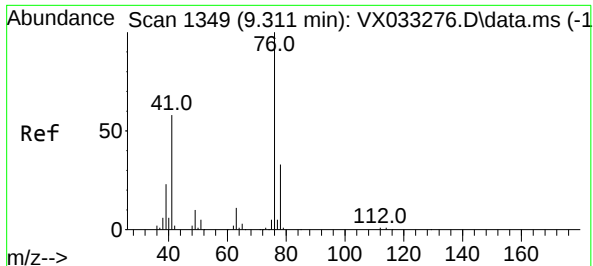


#56
Ethyl methacrylate
Concen: 48.735 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16



Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.3	54.3	81.5
39	35.3	35.2	52.8





#57

1,3-Dichloropropane

Concen: 48.032 ug/l

RT: 9.305 min Scan# 11680

Delta R.T. -0.006 min

Lab File: VX033408.D

Acq: 13 Dec 2022 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 11680

Ion Ratio Lower Upper

76 100

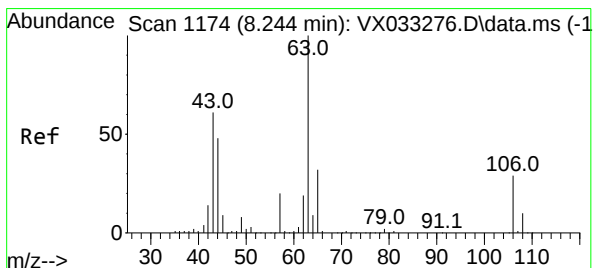
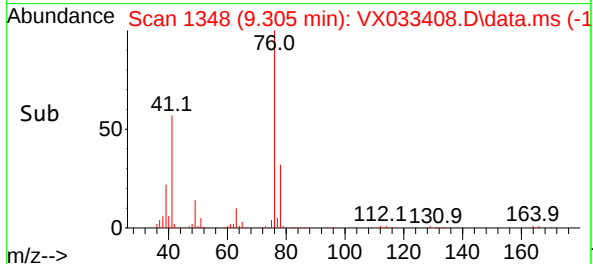
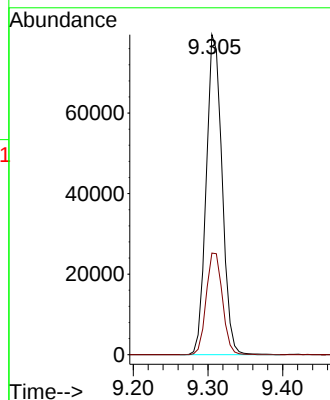
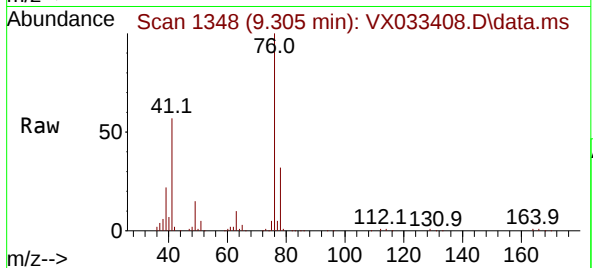
78 32.5 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#58

2-Chloroethyl Vinyl ether

Concen: 241.440 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX033408.D

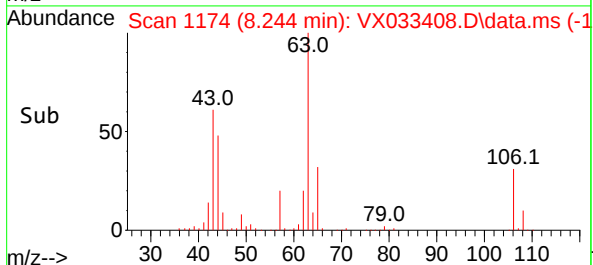
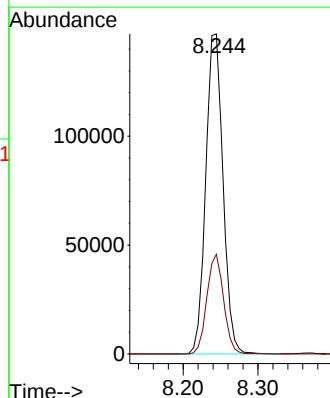
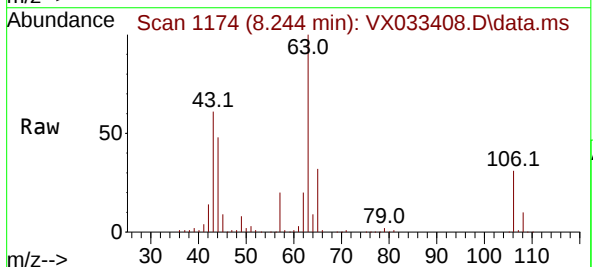
Acq: 13 Dec 2022 21:16

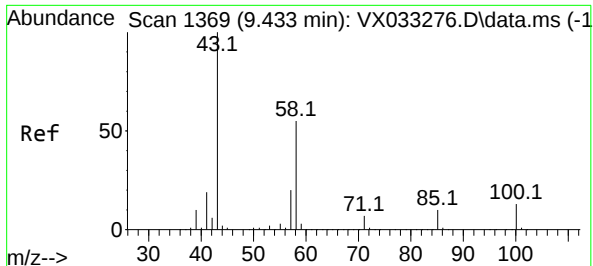
Tgt Ion: 63 Resp: 235460

Ion Ratio Lower Upper

63 100

106 30.2 23.3 34.9





#59

2-Hexanone

Concen: 243.909 ug/l

RT: 9.427 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033408.D

Acq: 13 Dec 2022 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 330264

Ion Ratio Lower Upper

43 100

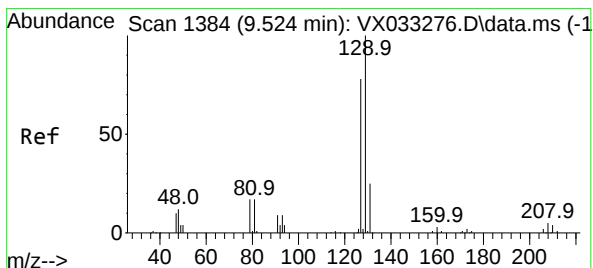
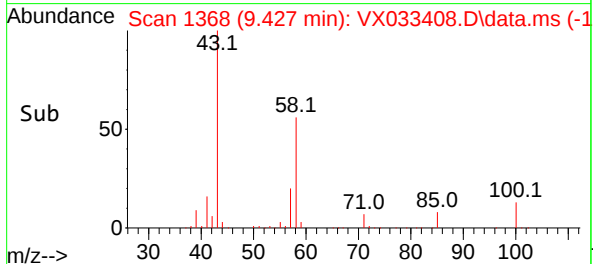
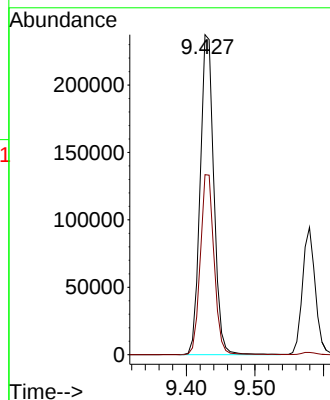
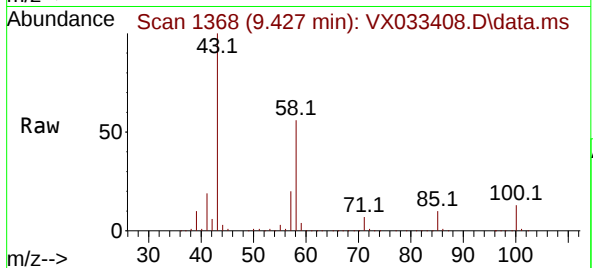
58 56.5 26.5 79.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#60

Dibromochloromethane

Concen: 48.796 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX033408.D

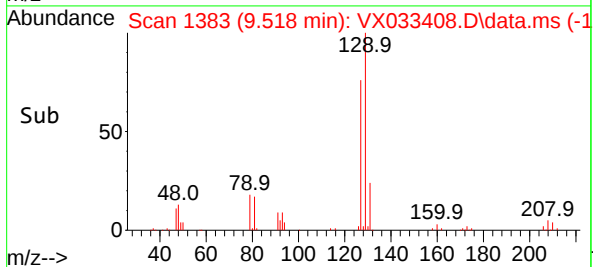
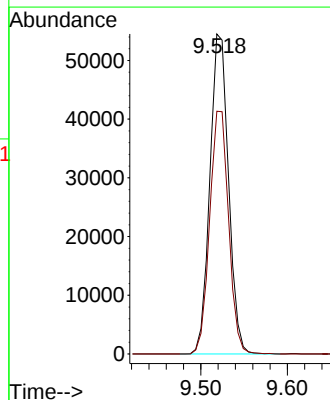
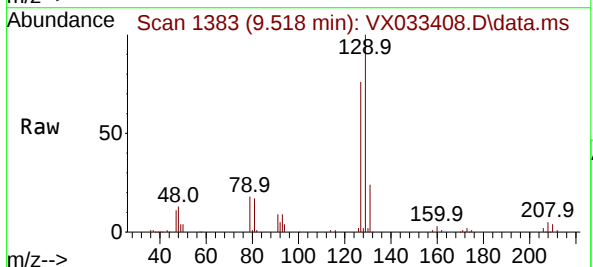
Acq: 13 Dec 2022 21:16

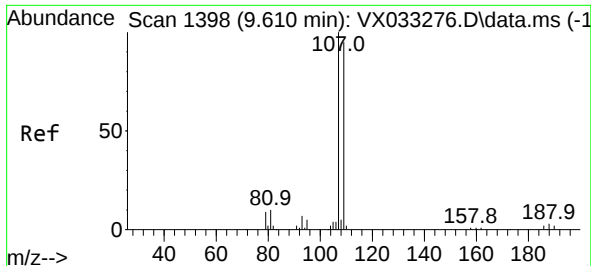
Tgt Ion:129 Resp: 81386

Ion Ratio Lower Upper

129 100

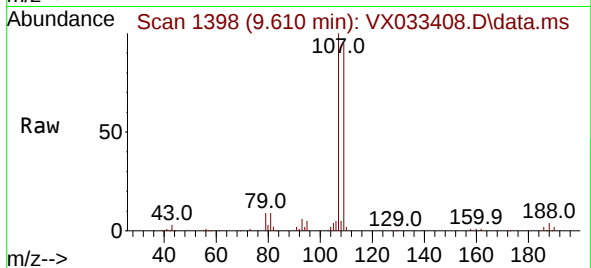
127 77.1 38.6 115.8





#61
1,2-Dibromoethane
Concen: 49.169 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

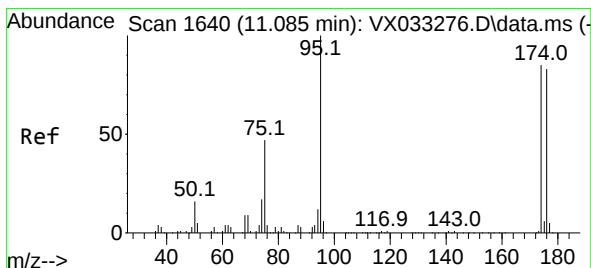
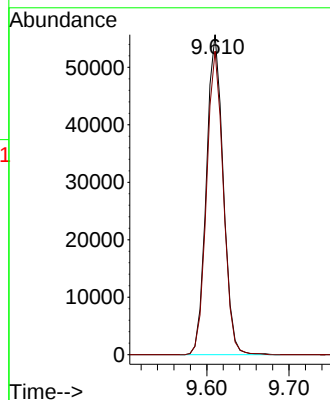
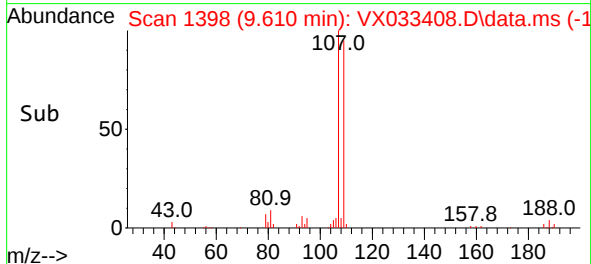
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 79172
Ion Ratio Lower Upper
107 100
109 94.1 76.0 114.0

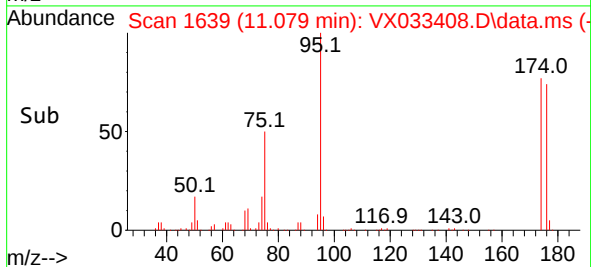
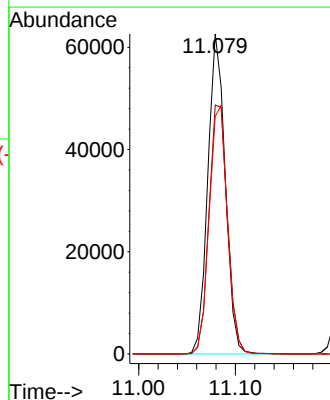
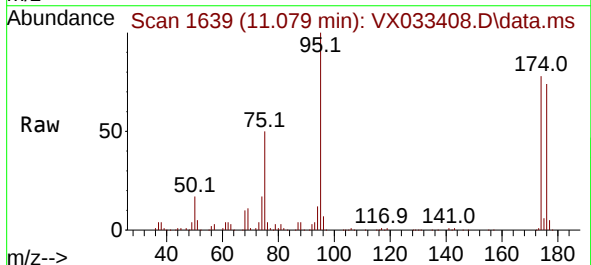
Manual Integrations
APPROVED

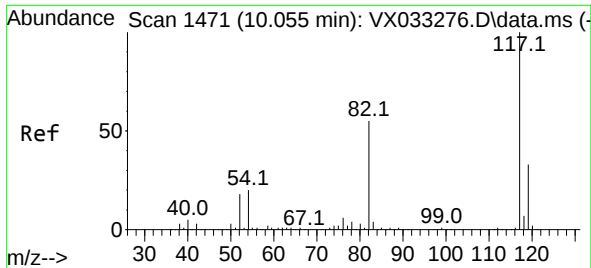
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#62
4-Bromofluorobenzene
Concen: 50.034 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

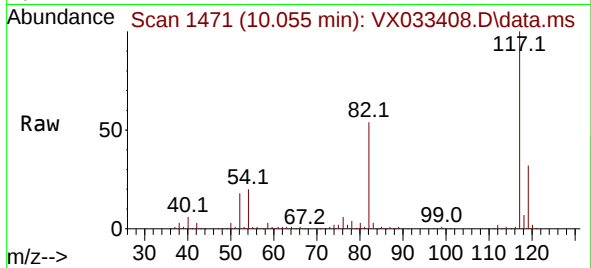
Tgt Ion: 95 Resp: 78415
Ion Ratio Lower Upper
95 100
174 83.0 0.0 164.0
176 81.3 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

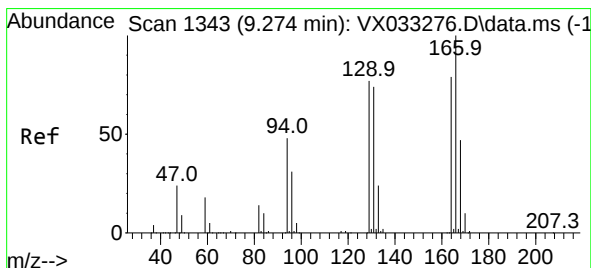
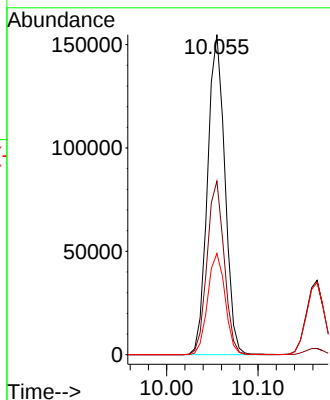
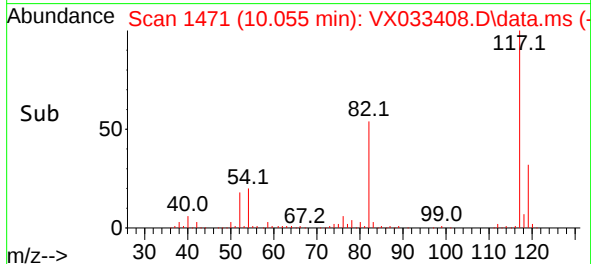
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 203579
Ion Ratio Lower Upper
117 100
82 54.2 44.3 66.5
119 31.7 25.7 38.5

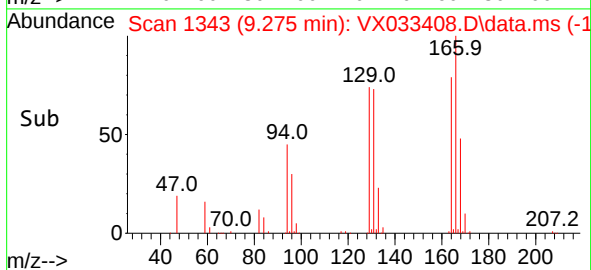
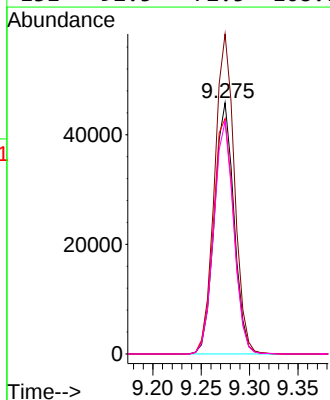
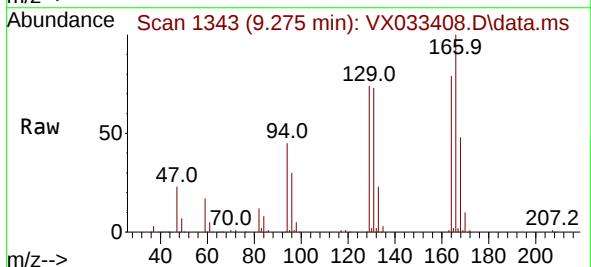
Manual Integrations
APPROVED

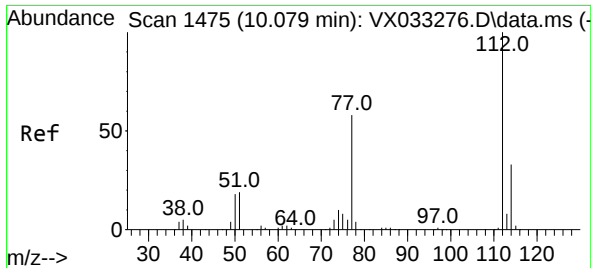
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#64
Tetrachloroethene
Concen: 46.271 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

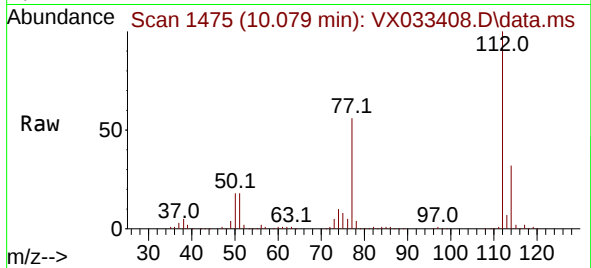
Tgt Ion:164 Resp: 64411
Ion Ratio Lower Upper
164 100
166 127.4 105.4 158.2
129 93.7 78.2 117.2
131 92.5 72.5 108.7





#65
Chlorobenzene
Concen: 47.106 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

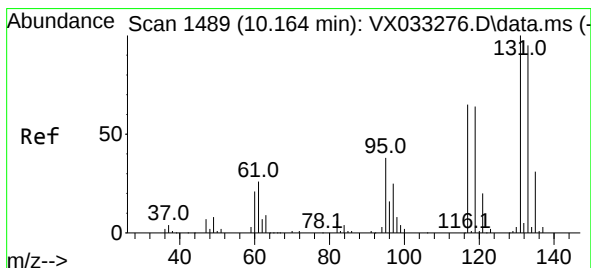
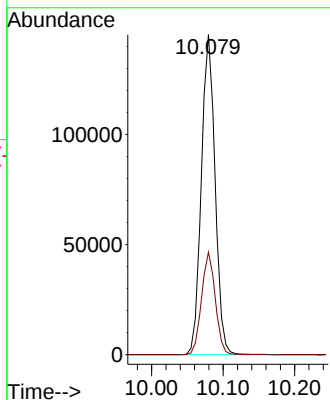
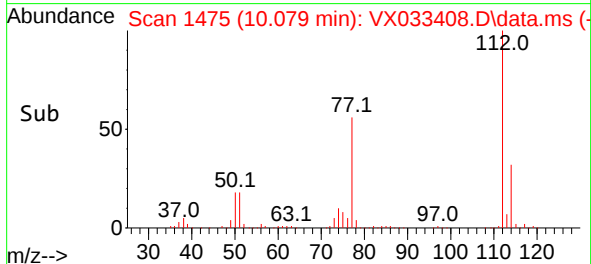
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



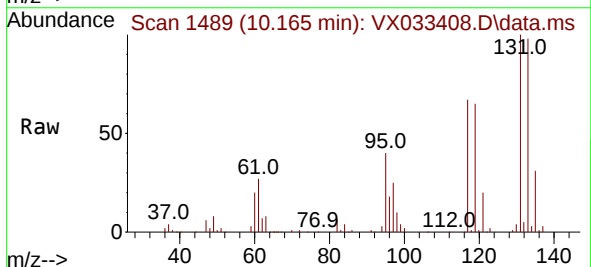
Tgt Ion:112 Resp: 194192
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2

Manual Integrations
APPROVED

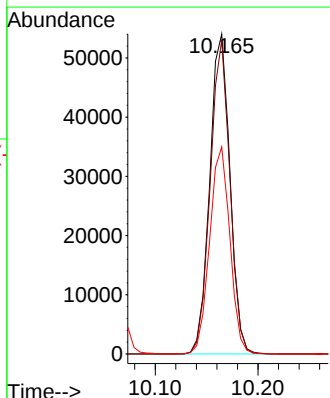
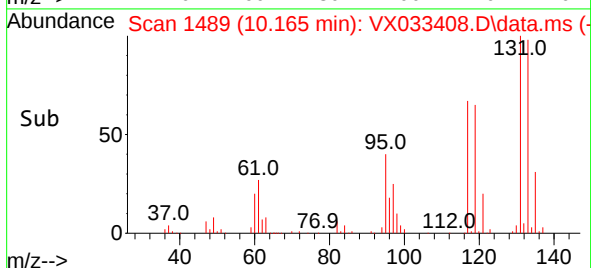
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

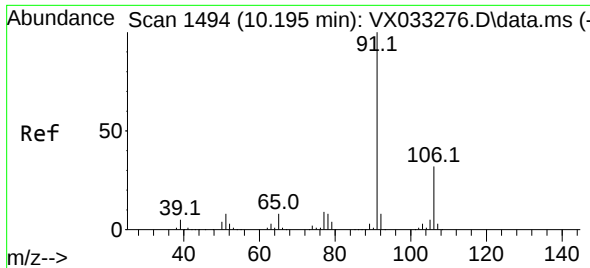


#66
1,1,1,2-Tetrachloroethane
Concen: 47.372 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16



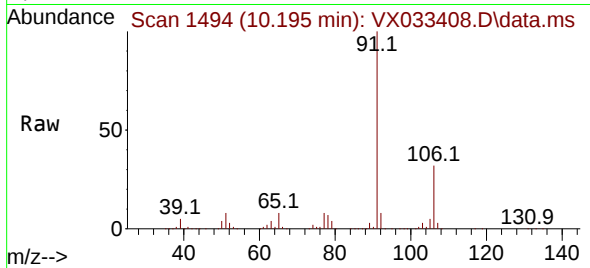
Tgt Ion:131 Resp: 73800
Ion Ratio Lower Upper
131 100
133 95.6 47.6 142.9
119 64.9 32.4 97.0





#67
Ethyl Benzene
Concen: 48.953 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

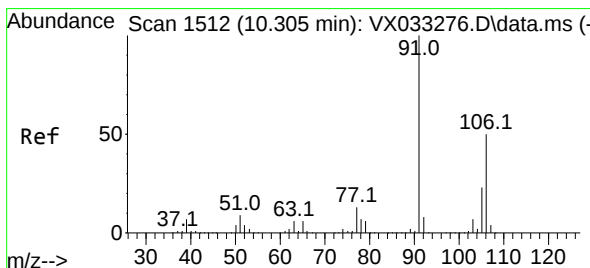
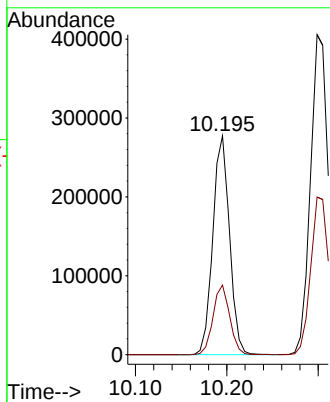
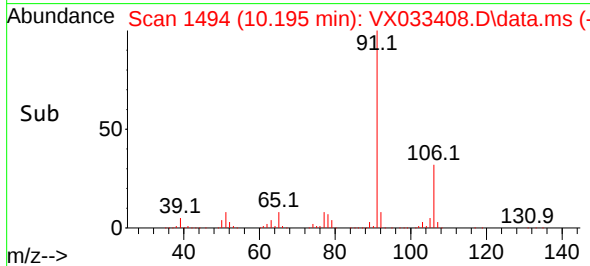
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



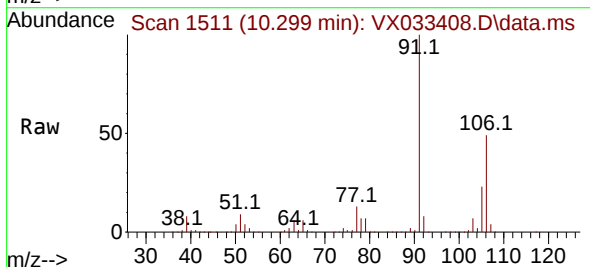
Tgt Ion: 91 Resp: 35157
Ion Ratio Lower Upper
91 100
106 31.8 25.0 37.6

Manual Integrations
APPROVED

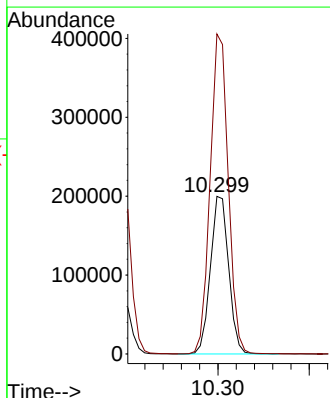
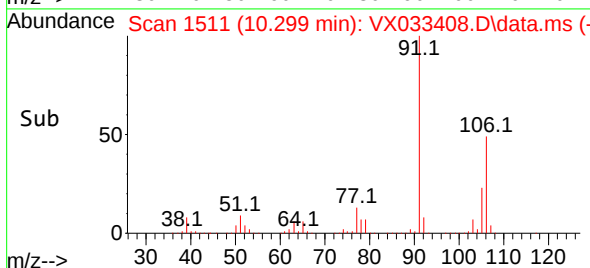
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

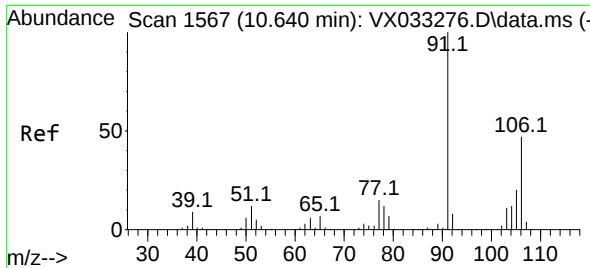


#68
m/p-Xylenes
Concen: 98.934 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16



Tgt Ion:106 Resp: 276444
Ion Ratio Lower Upper
106 100
91 201.6 164.5 246.7





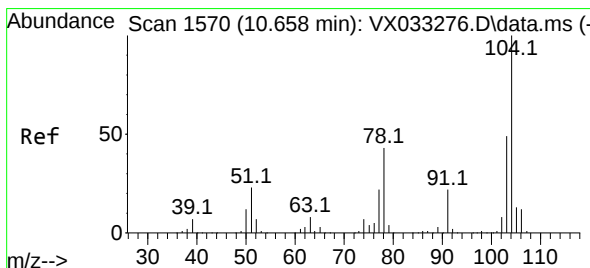
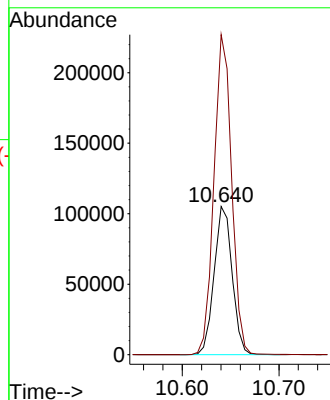
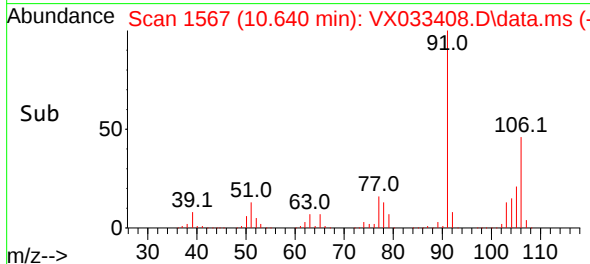
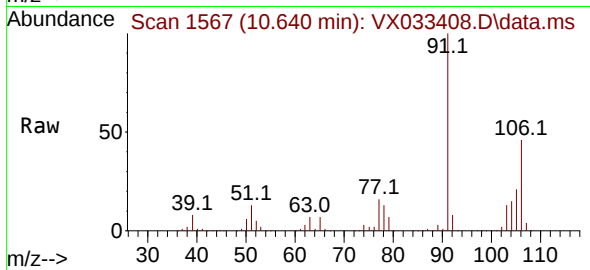
#69
o-Xylene
Concen: 49.219 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 135940
Ion Ratio Lower Upper
106 100
91 212.1 109.2 327.6

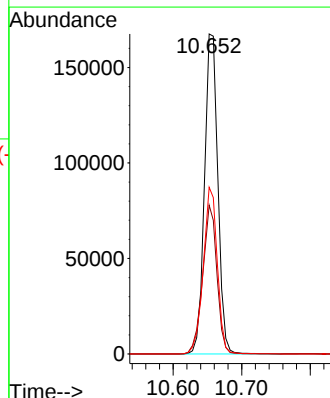
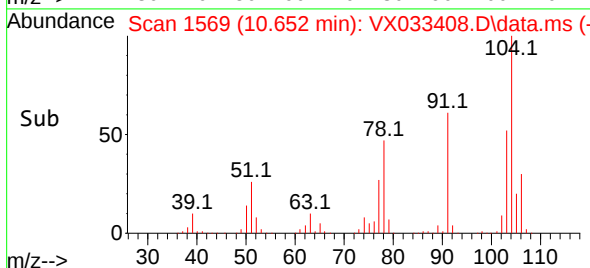
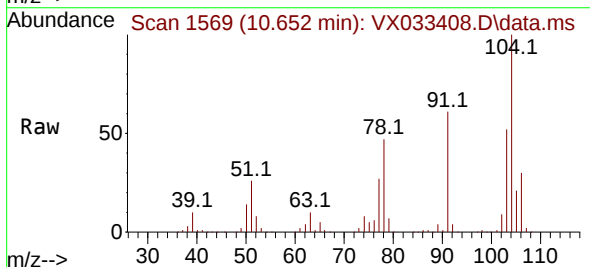
Manual Integrations
APPROVED

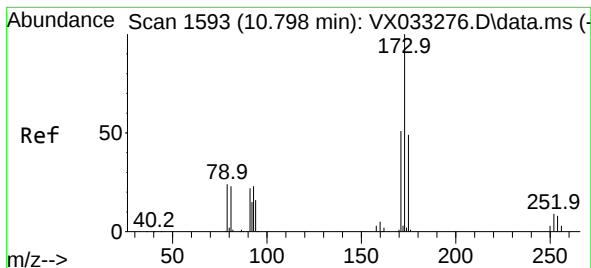
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#70
Styrene
Concen: 50.344 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

Tgt Ion:104 Resp: 227727
Ion Ratio Lower Upper
104 100
78 49.3 41.8 62.8
103 54.7 44.5 66.7





#71

Bromoform

Concen: 47.903 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX033408.D

Acq: 13 Dec 2022 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

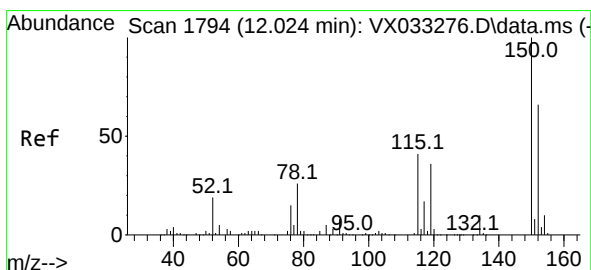
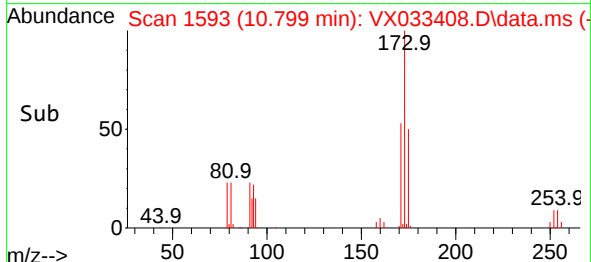
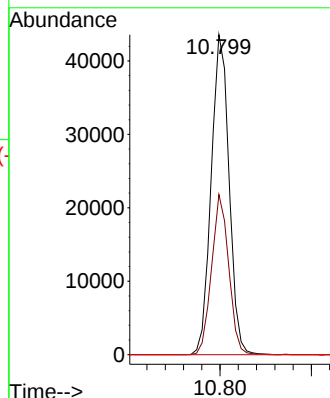
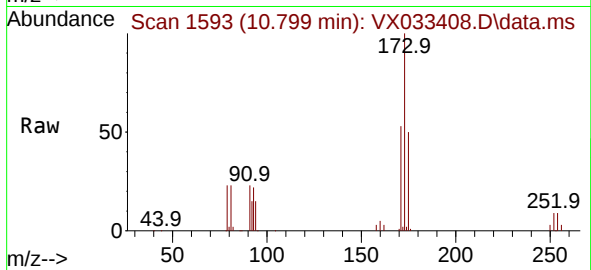
Tgt Ion:173 Resp: 5907
 Ion Ratio Lower Upper
 173 100
 175 48.0 23.9 71.8
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

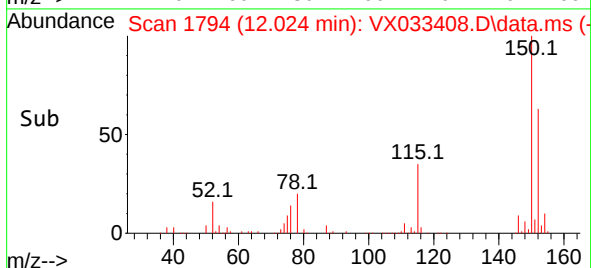
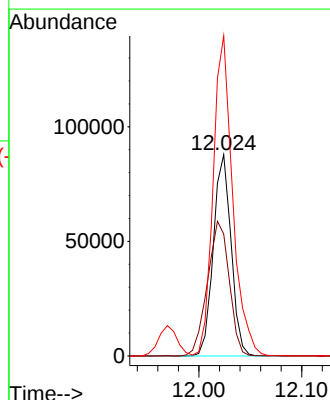
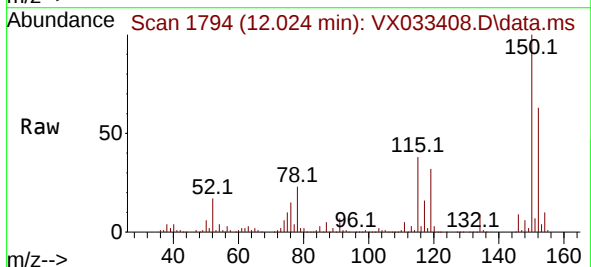
RT: 12.024 min Scan# 1794

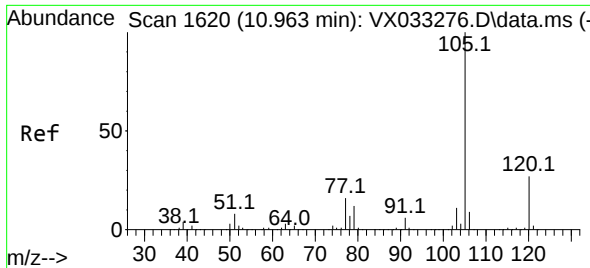
Delta R.T. 0.000 min

Lab File: VX033408.D

Acq: 13 Dec 2022 21:16

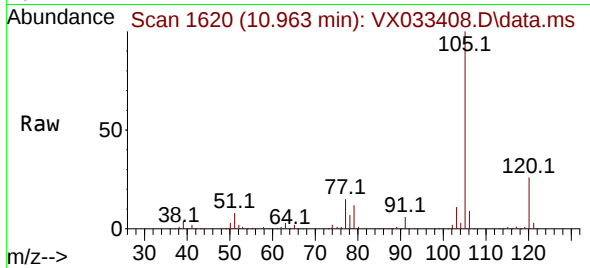
Tgt Ion:152 Resp: 105242
 Ion Ratio Lower Upper
 152 100
 115 82.1 44.0 132.0
 150 174.8 0.0 351.8





#73
Isopropylbenzene
Concen: 47.113 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

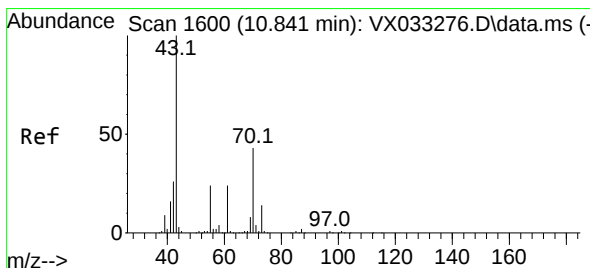
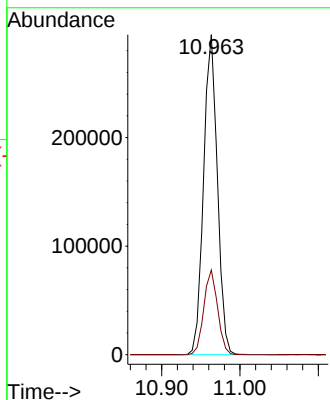
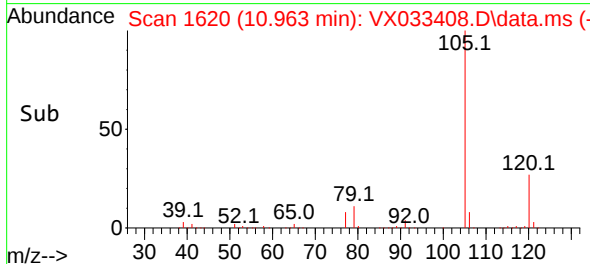
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



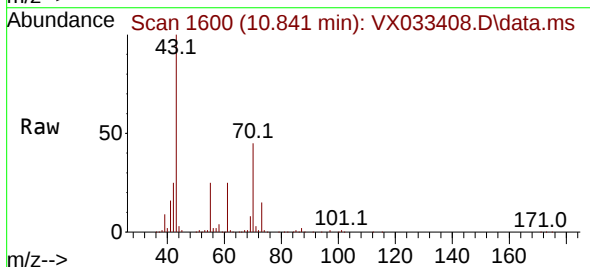
Tgt Ion:105 Resp: 359379
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.3

Manual Integrations
APPROVED

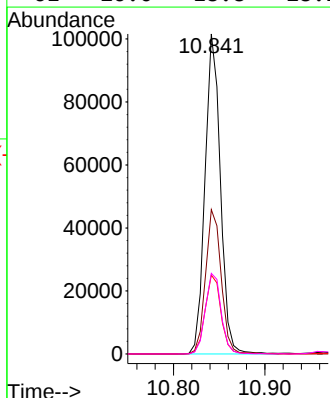
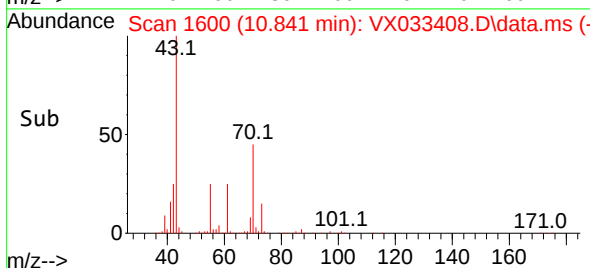
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

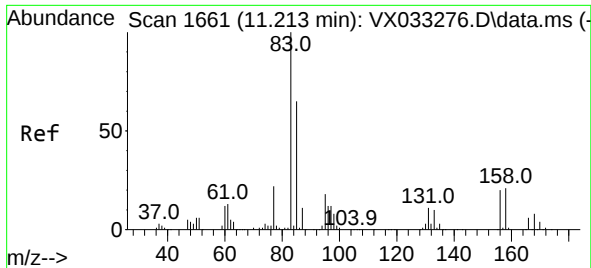


#74
N-ethyl acetate
Concen: 45.682 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16



Tgt Ion: 43 Resp: 118889
Ion Ratio Lower Upper
43 100
70 46.0 33.6 50.4
55 25.6 19.4 29.2
61 26.0 18.8 28.2





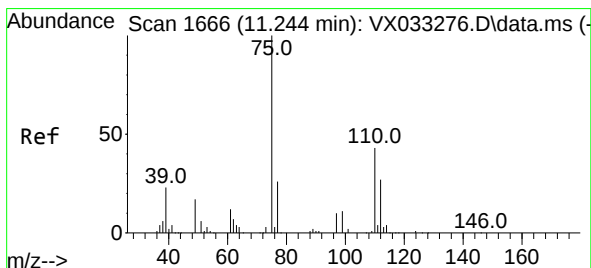
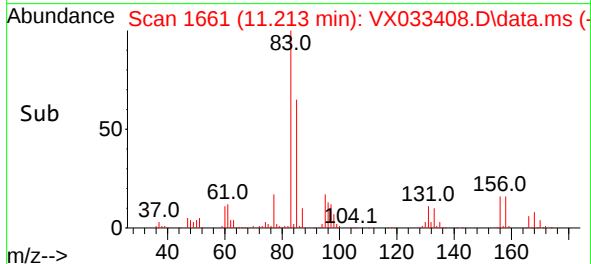
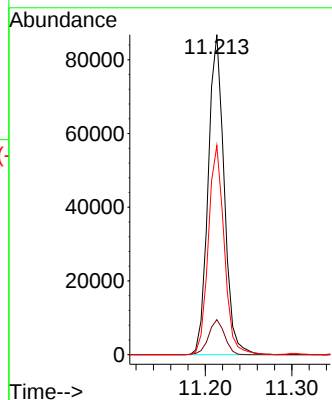
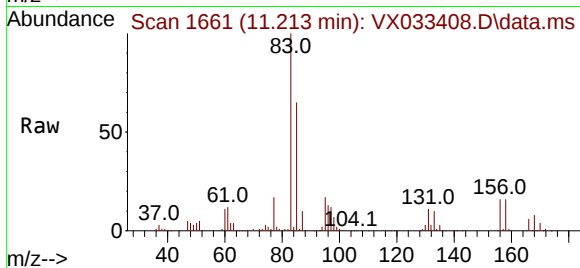
#75
1,1,2,2-Tetrachloroethane
Concen: 45.993 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 11130
Ion Ratio Lower Upper
83 100
131 11.0 5.4 16.2
85 64.9 31.9 95.9

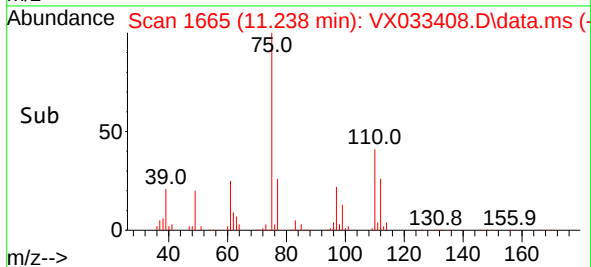
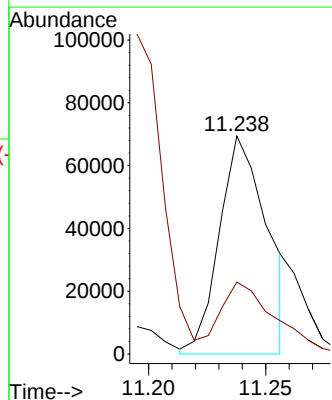
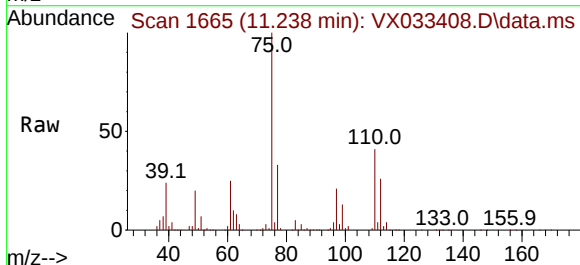
Manual Integrations
APPROVED

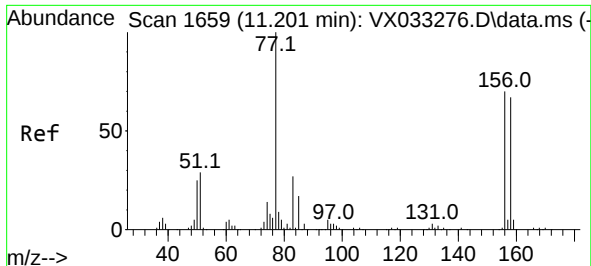
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#76
1,2,3-Trichloropropane
Concen: 45.813 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

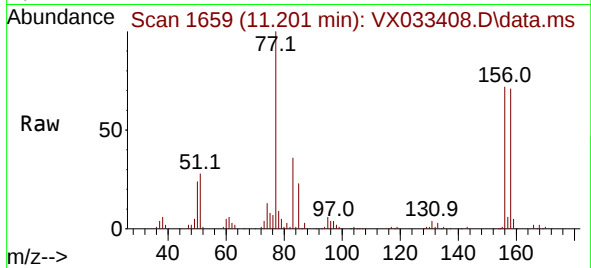
Tgt Ion: 75 Resp: 98092
Ion Ratio Lower Upper
75 100
77 38.5 20.0 60.0





#77
Bromobenzene
Concen: 45.477 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

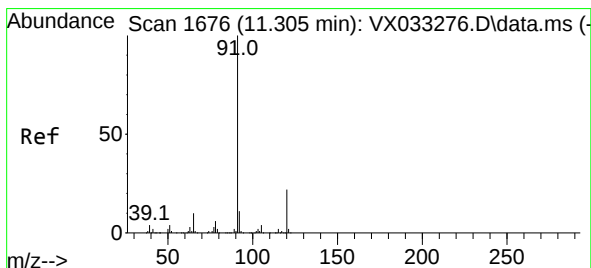
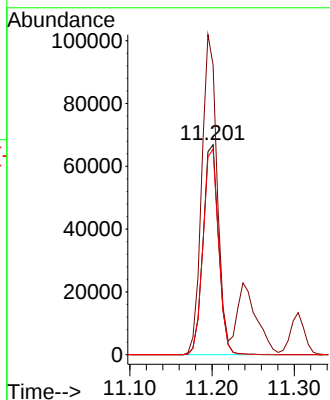
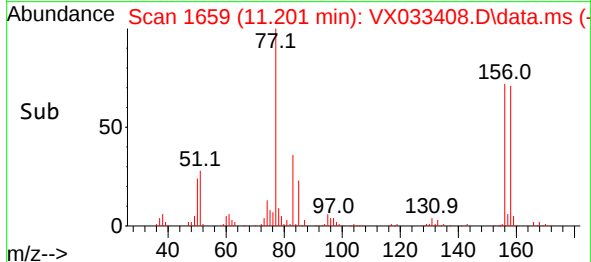
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



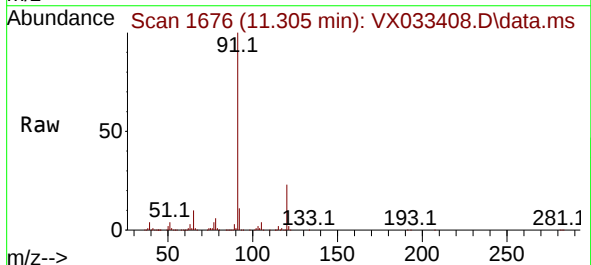
Tgt Ion:156 Resp: 87599
Ion Ratio Lower Upper
156 100
77 150.1 76.1 228.4
158 98.0 48.8 146.3

Manual Integrations
APPROVED

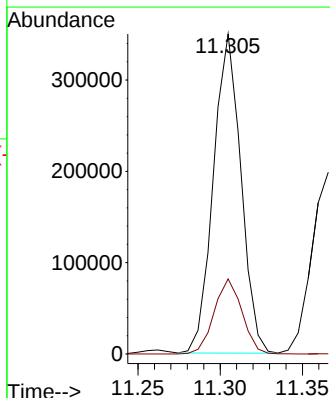
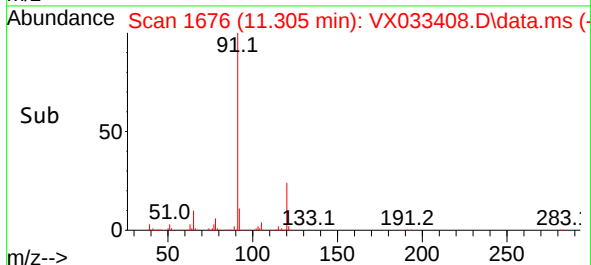
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

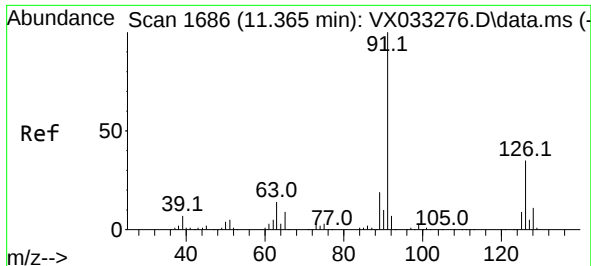


#78
n-propylbenzene
Concen: 47.801 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16



Tgt Ion: 91 Resp: 407136
Ion Ratio Lower Upper
91 100
120 23.8 11.6 34.8





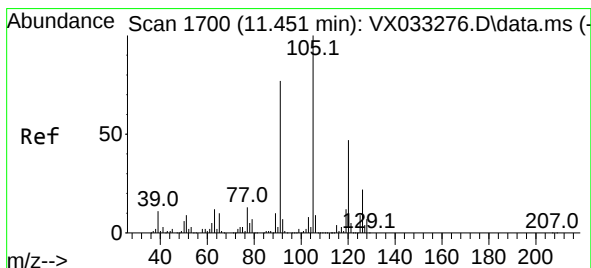
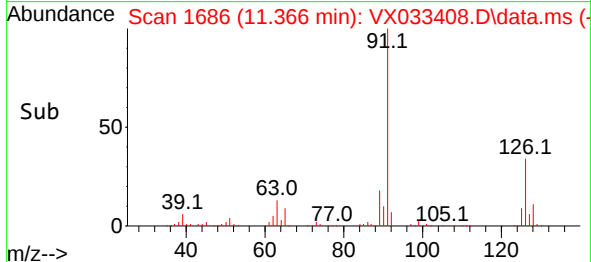
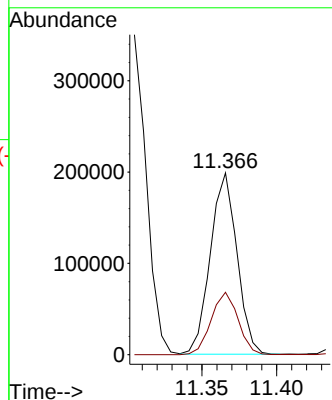
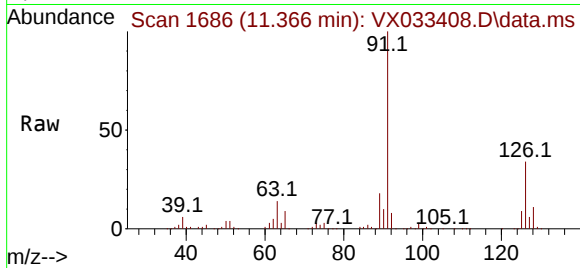
#79
2-Chlorotoluene
Concen: 46.746 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 246060
Ion Ratio Lower Upper
91 100
126 34.8 17.1 51.2

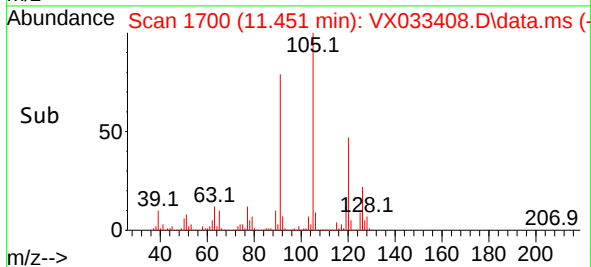
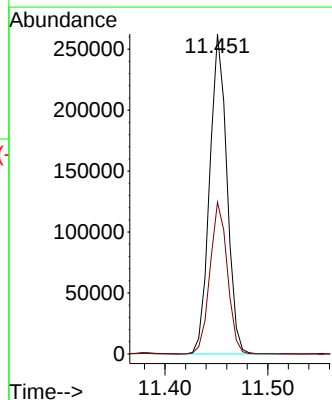
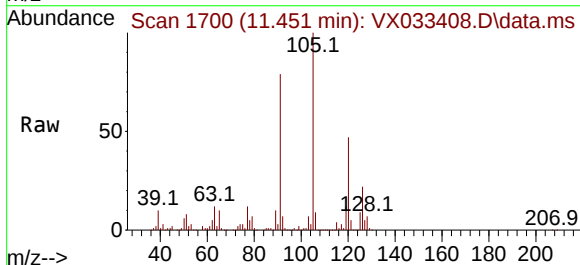
Manual Integrations
APPROVED

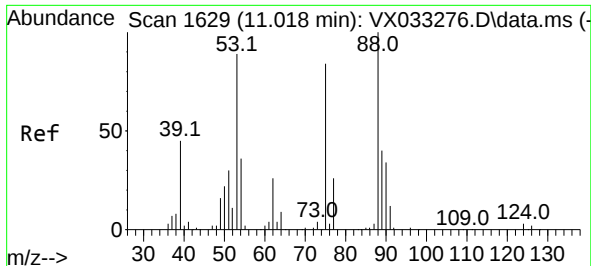
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#80
1,3,5-Trimethylbenzene
Concen: 48.288 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

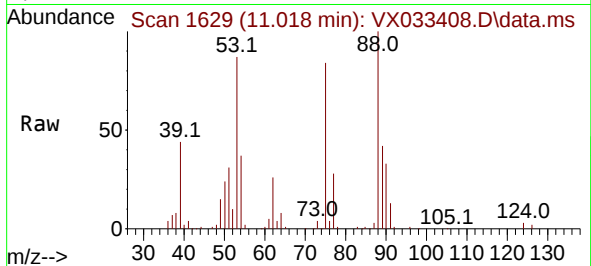
Tgt Ion:105 Resp: 306609
Ion Ratio Lower Upper
105 100
120 47.8 23.6 71.0





#81
trans-1,4-Dichloro-2-butene
Concen: 42.047 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

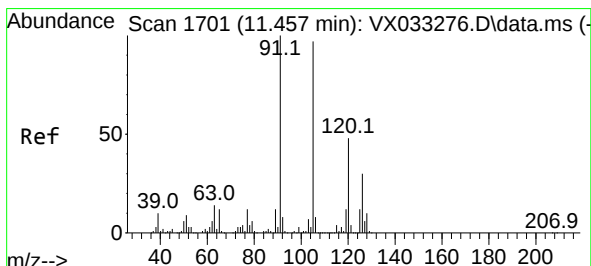
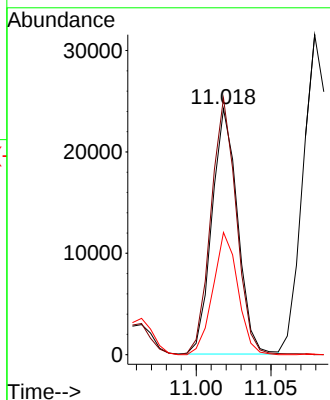
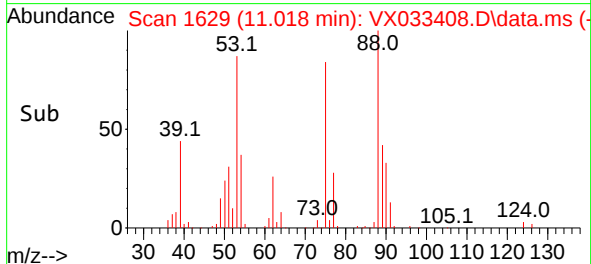
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 2894
Ion Ratio Lower Upper
75 100
53 103.4 86.9 130.3
89 48.3 38.3 57.5

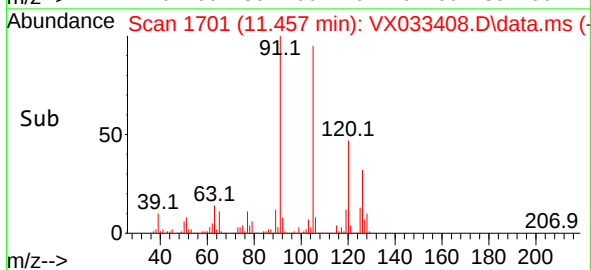
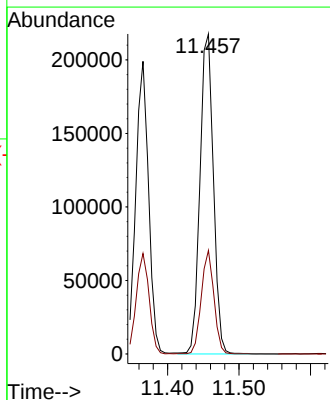
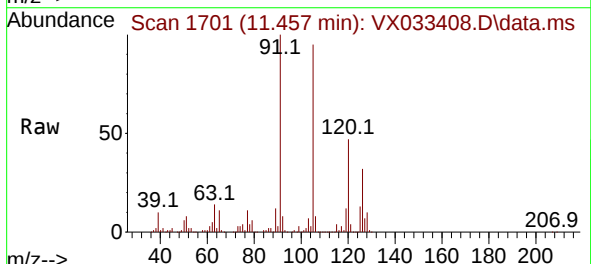
Manual Integrations
APPROVED

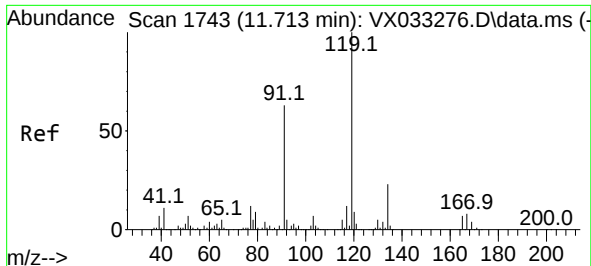
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#82
4-Chlorotoluene
Concen: 46.308 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

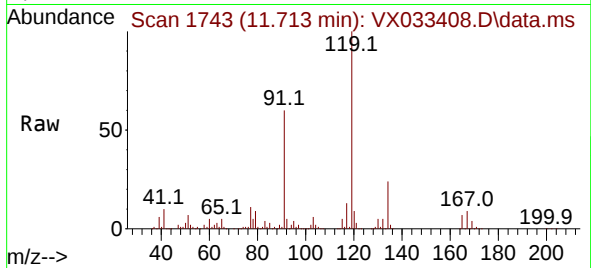
Tgt Ion: 91 Resp: 283442
Ion Ratio Lower Upper
91 100
126 30.6 14.8 44.4





#83
tert-Butylbenzene
Concen: 48.705 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

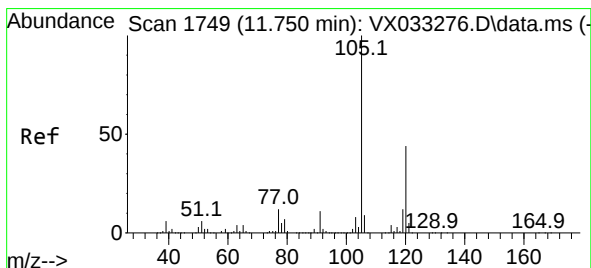
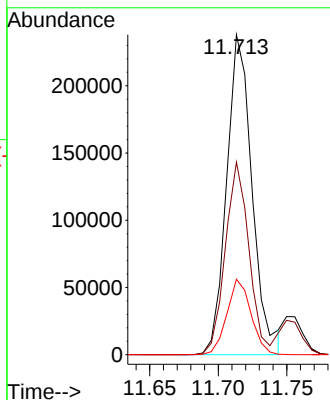
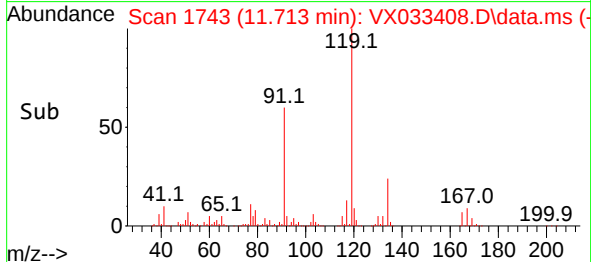
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



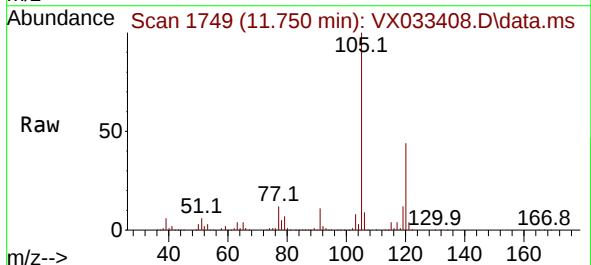
Tgt Ion:119 Resp: 308389
Ion Ratio Lower Upper
119 100
91 55.8 29.4 88.2
134 22.3 11.0 33.0

Manual Integrations
APPROVED

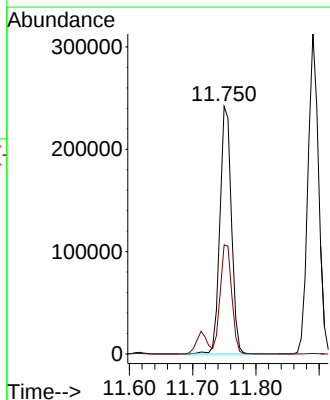
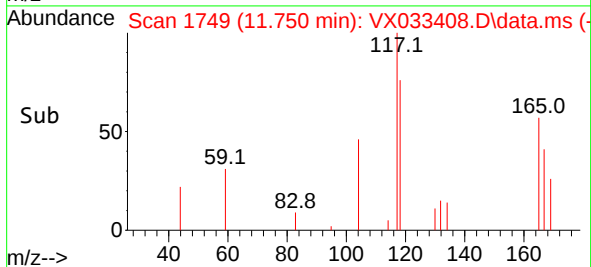
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

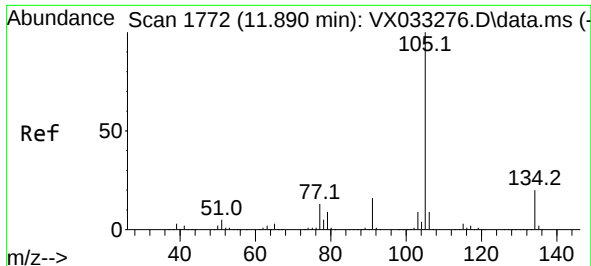


#84
1,2,4-Trimethylbenzene
Concen: 47.939 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16



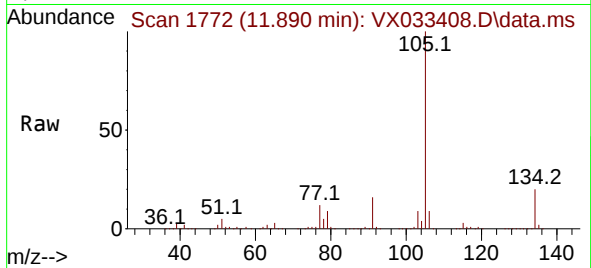
Tgt Ion:105 Resp: 303851
Ion Ratio Lower Upper
105 100
120 44.2 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 49.211 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033408.D
 Acq: 13 Dec 2022 21:16

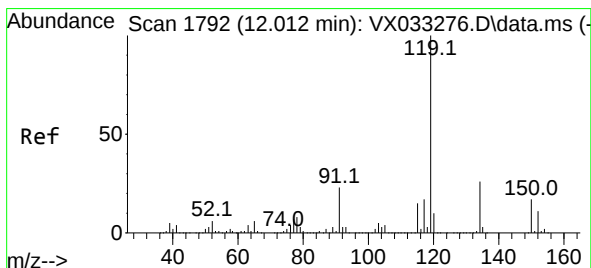
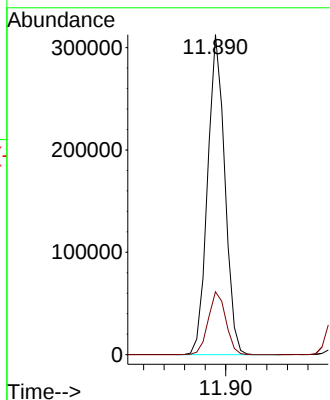
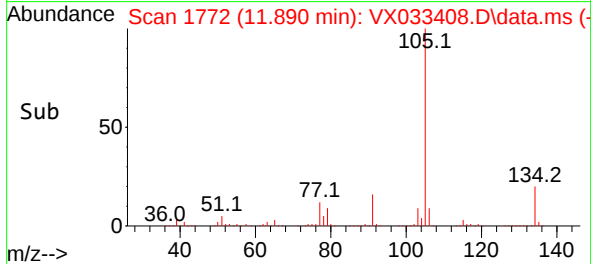
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



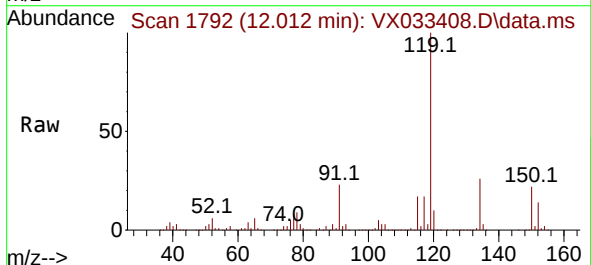
Tgt Ion:105 Resp: 363550
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.9 29.7

Manual Integrations
 APPROVED

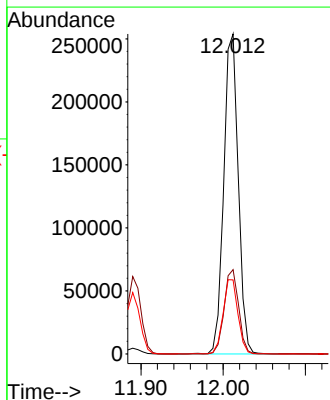
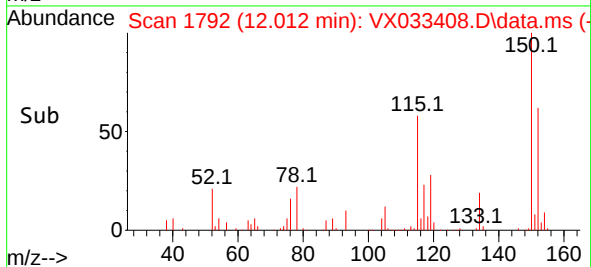
Reviewed By :John Carlone 12/14/2022
 Supervised By :Mahesh Dadoda 12/14/2022



#86
 p-Isopropyltoluene
 Concen: 48.929 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX033408.D
 Acq: 13 Dec 2022 21:16



Tgt Ion:119 Resp: 311636
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.9 38.7
 91 23.8 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 47.454 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033408.D

Acq: 13 Dec 2022 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 165579

Ion Ratio Lower Upper

146 100

111 39.8 20.6 61.8

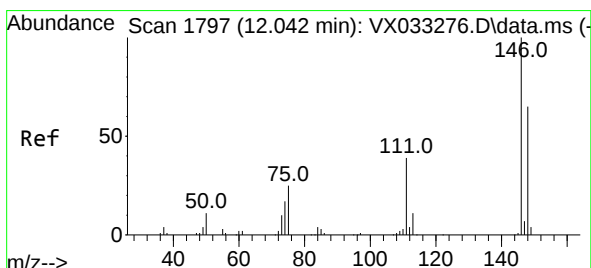
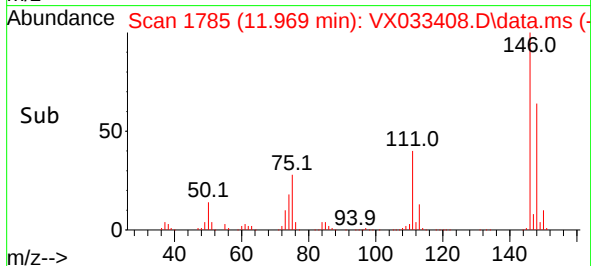
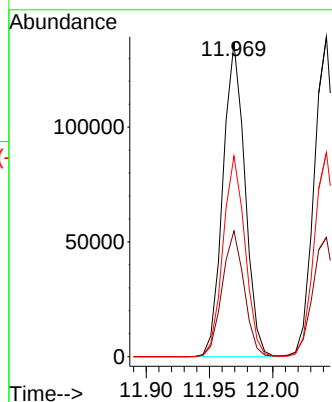
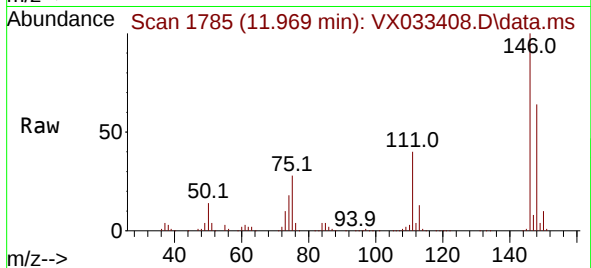
148 63.6 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#88

1,4-Dichlorobenzene

Concen: 46.939 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX033408.D

Acq: 13 Dec 2022 21:16

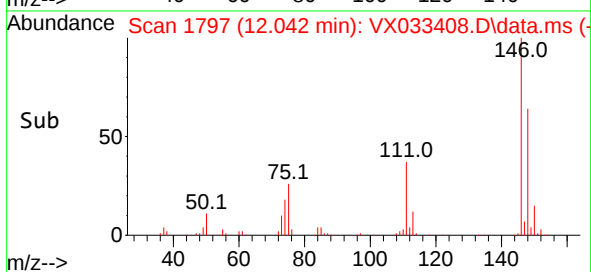
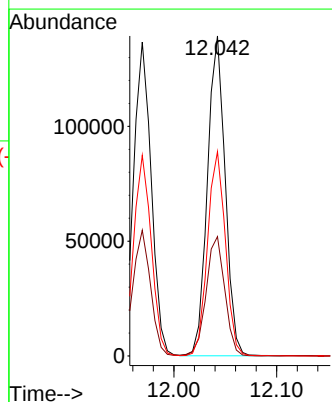
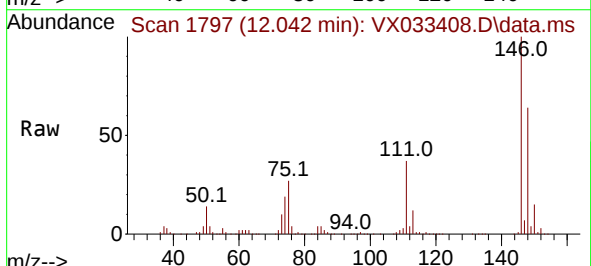
Tgt Ion:146 Resp: 167293

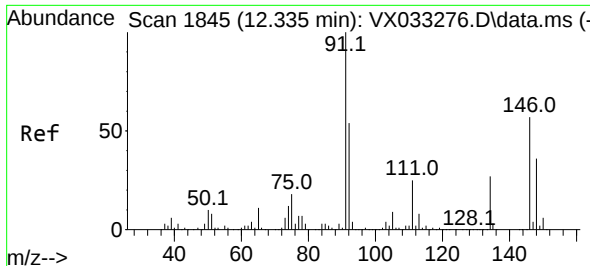
Ion Ratio Lower Upper

146 100

111 39.4 20.5 61.6

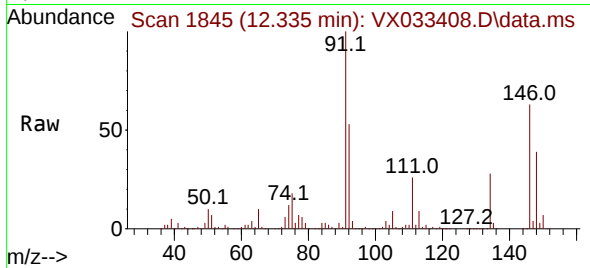
148 64.3 32.2 96.6





#89
n-Butylbenzene
Concen: 49.779 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

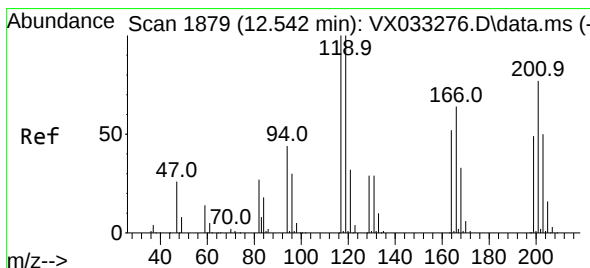
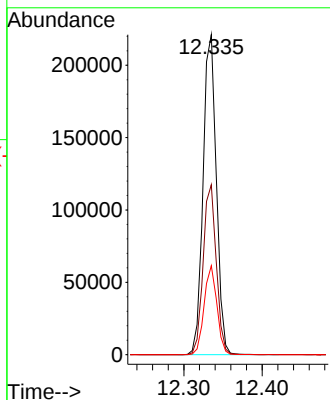
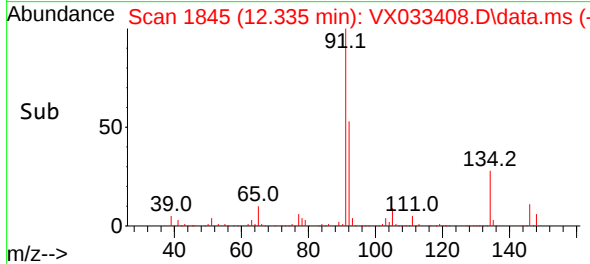
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 259678
Ion Ratio Lower Upper
91 100
92 52.6 26.2 78.6
134 26.7 12.9 38.6

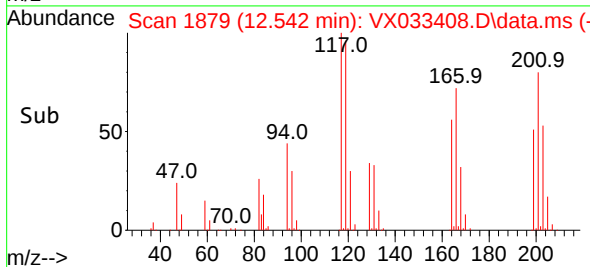
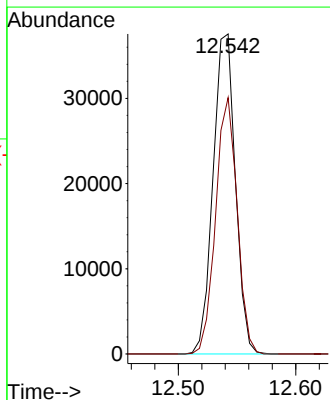
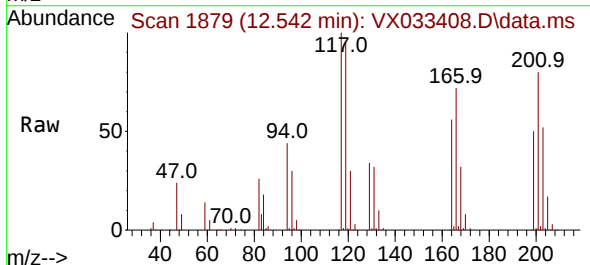
Manual Integrations
APPROVED

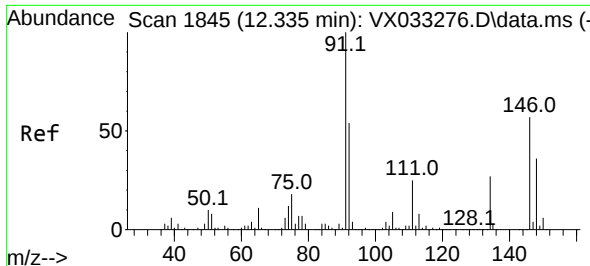
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#90
Hexachloroethane
Concen: 45.834 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

Tgt Ion:117 Resp: 49621
Ion Ratio Lower Upper
117 100
201 77.2 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 47.063 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

Instrument :

MSVOA_X

ClientSampleId :

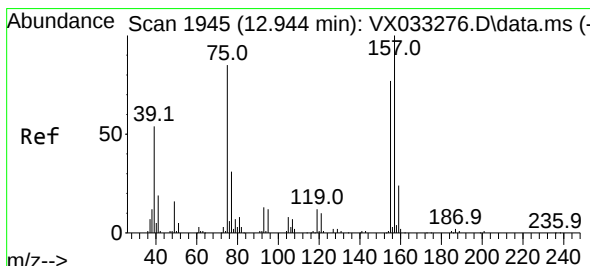
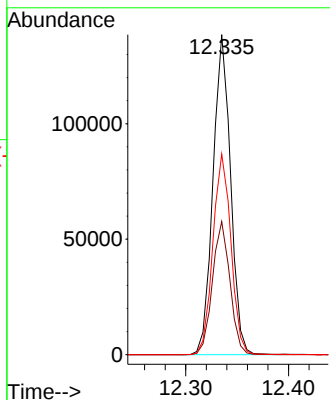
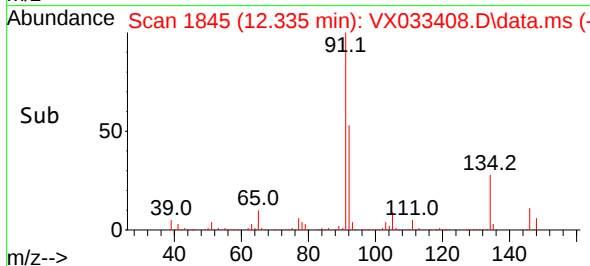
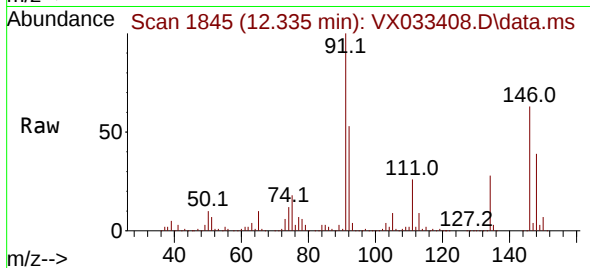
VSTDCCC050EC

Tgt Ion:146 Resp: 164179
Ion Ratio Lower Upper
146 100
111 41.6 21.5 64.5
148 64.5 32.0 96.2

Manual Integrations

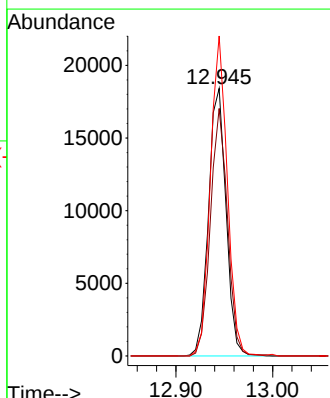
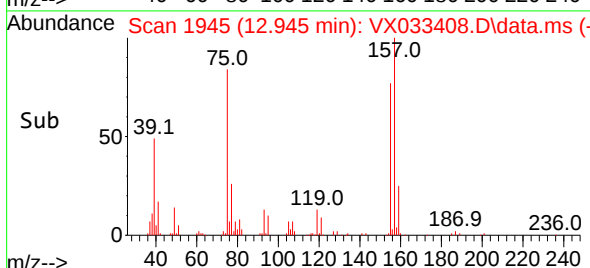
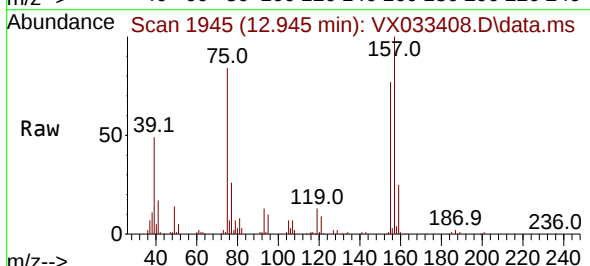
APPROVED

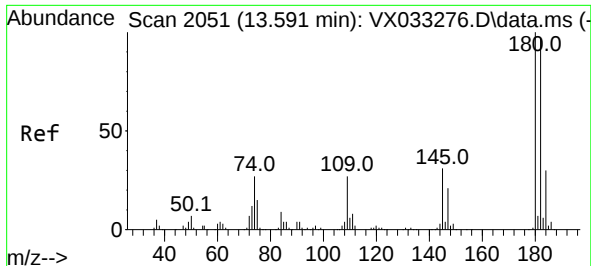
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.401 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

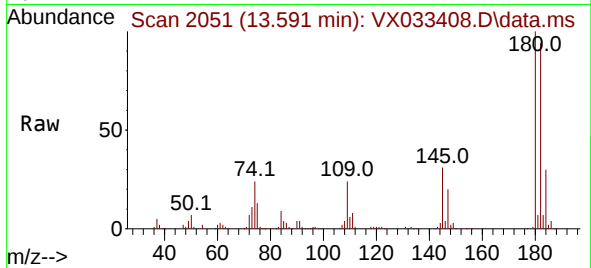
Tgt Ion: 75 Resp: 23209
Ion Ratio Lower Upper
75 100
155 90.1 41.6 124.8
157 116.1 54.1 162.4





#93
1,2,4-Trichlorobenzene
Concen: 48.893 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

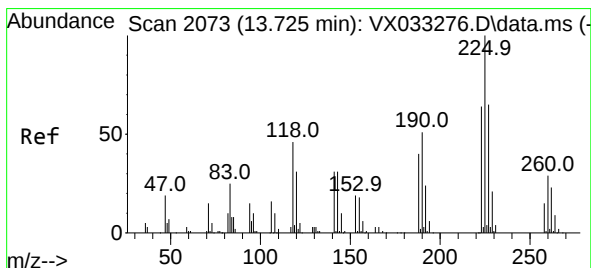
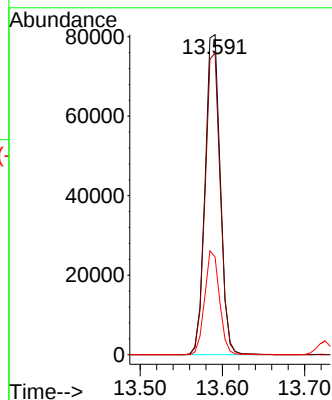
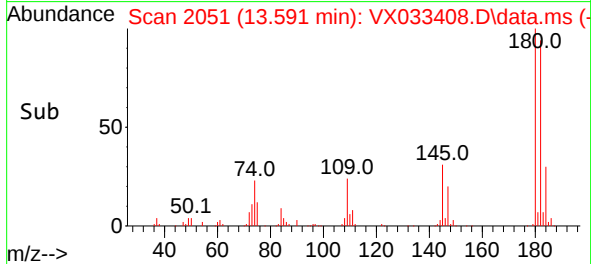
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



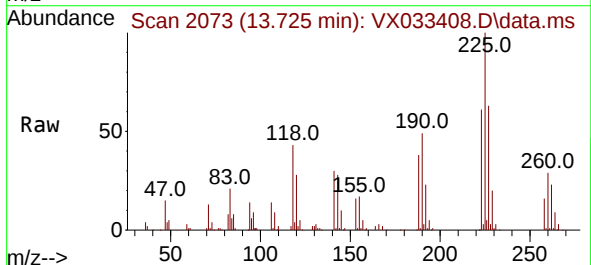
Tgt Ion:180 Resp: 103009
Ion Ratio Lower Upper
180 100
182 94.7 48.4 145.0
145 31.7 16.2 48.5

Manual Integrations
APPROVED

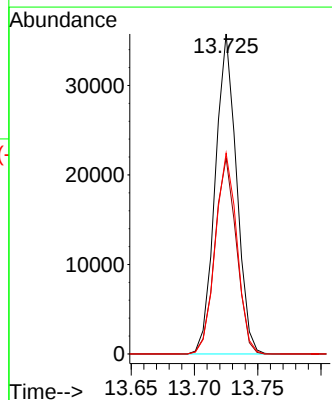
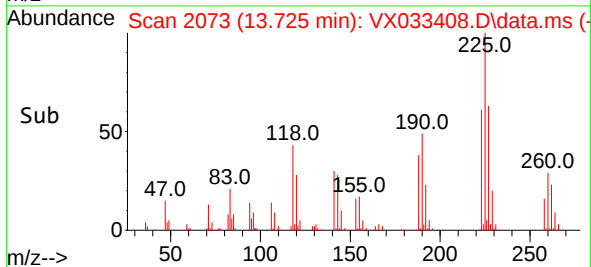
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

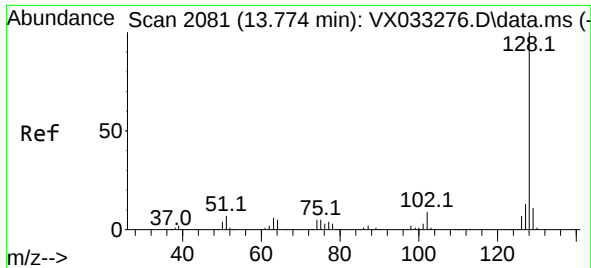


#94
Hexachlorobutadiene
Concen: 49.473 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16



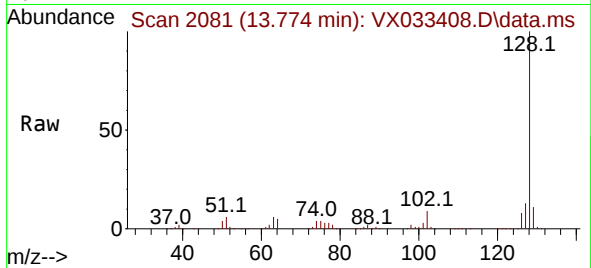
Tgt Ion:225 Resp: 41739
Ion Ratio Lower Upper
225 100
223 62.0 31.9 95.9
227 63.7 31.9 95.5





#95
Naphthalene
Concen: 48.649 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16

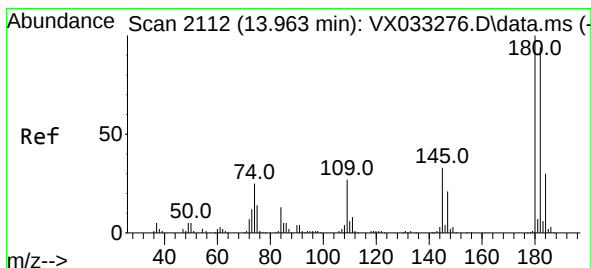
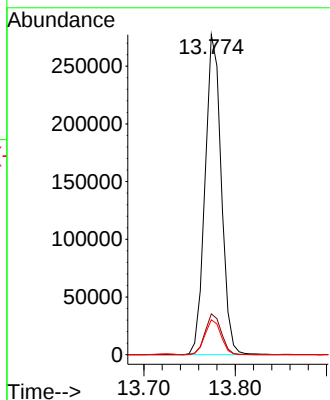
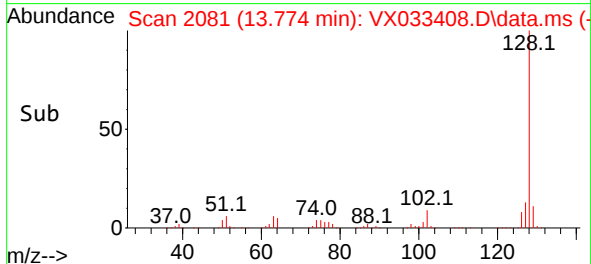
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



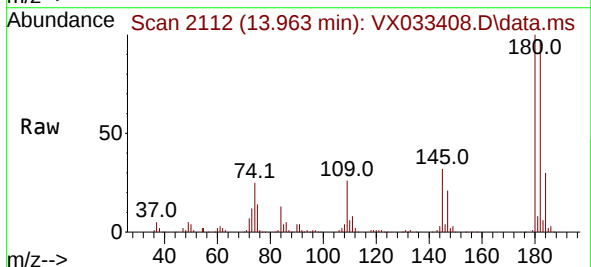
Tgt Ion:128 Resp: 341888
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#96
1,2,3-Trichlorobenzene
Concen: 48.099 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033408.D
Acq: 13 Dec 2022 21:16



Tgt Ion:180 Resp: 102634
Ion Ratio Lower Upper
180 100
182 95.3 47.5 142.6
145 33.1 16.9 50.6

