

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122122\
 Data File : VX033536.D
 Acq On : 21 Dec 2022 16:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 22 03:59:33 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 12/22/2022
 Supervised By : Mahesh Dadoda 12/22/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	157134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	237637	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109766	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	40441	40.117	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	80.240%		
35) Dibromofluoromethane	5.379	113	52406	49.031	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.060%		
50) Toluene-d8	8.647	98	108794	48.656	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.320%		
62) 4-Bromofluorobenzene	11.079	95	90165	52.739	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.480%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	52358	47.700	ug/l	99
3) Chloromethane	1.294	50	48761	38.421	ug/l	98
4) Vinyl Chloride	1.374	62	60790	41.950	ug/l	99
5) Bromomethane	1.611	94	44916	42.236	ug/l	97
6) Chloroethane	1.685	64	36927	33.595	ug/l	98
7) Trichlorofluoromethane	1.886	101	90852	33.394	ug/l	100
8) Diethyl Ether	2.130	74	32083	32.649	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	55259	38.290	ug/l	97
10) Methyl Iodide	2.453	142	85399	54.030	ug/l	95
11) Tert butyl alcohol	2.977	59	69514	225.549	ug/l	95
12) 1,1-Dichloroethene	2.319	96	48693	34.181	ug/l	98
13) Acrolein	2.233	56	81679	244.359	ug/l	99
14) Allyl chloride	2.660	41	101058	44.422	ug/l	93
15) Acrylonitrile	3.062	53	172017	225.315	ug/l	98
16) Acetone	2.386	43	163584	219.298	ug/l	96
17) Carbon Disulfide	2.514	76	156434	42.786	ug/l	98
18) Methyl Acetate	2.703	43	100696	46.631	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	246752	50.006	ug/l	99
20) Methylene Chloride	2.788	84	75173	45.187	ug/l	89
21) trans-1,2-Dichloroethene	3.087	96	75407	48.390	ug/l	96
22) Diisopropyl ether	3.751	45	224902	46.143	ug/l #	87
23) Vinyl Acetate	3.715	43	863063	228.136	ug/l	96
24) 1,1-Dichloroethane	3.605	63	133895	46.754	ug/l	99
25) 2-Butanone	4.550	43	239992	224.136	ug/l	98
26) 2,2-Dichloropropane	4.471	77	111852	53.110	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	92081	49.443	ug/l	94
28) Bromochloromethane	4.891	49	55582	46.364	ug/l	85
29) Tetrahydrofuran	5.001	42	147065	211.990	ug/l	93
30) Chloroform	5.086	83	151158	47.544	ug/l	99
31) Cyclohexane	5.470	56	112411	46.921	ug/l	91
32) 1,1,1-Trichloroethane	5.379	97	139348	50.941	ug/l	97
36) 1,1-Dichloropropene	5.690	75	105572	50.661	ug/l	98
37) Ethyl Acetate	4.708	43	90372	45.877	ug/l	97
38) Carbon Tetrachloride	5.672	117	122206	52.341	ug/l	96
39) Methylcyclohexane	7.379	83	126092	54.059	ug/l	96
40) Benzene	6.031	78	309882	51.001	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	51439	47.388	ug/l	95
42) 1,2-Dichloroethane	6.080	62	112966	46.821	ug/l	96
43) Isopropyl Acetate	6.336	43	155190	48.963	ug/l	95
44) Trichloroethene	7.123	130	91478	54.607	ug/l	97
45) 1,2-Dichloropropane	7.427	63	78338	50.414	ug/l	96
46) Dibromomethane	7.580	93	59943	50.640	ug/l	95
47) Bromodichloromethane	7.818	83	119878	51.953	ug/l	98
48) Methyl methacrylate	7.690	41	77690	47.494	ug/l	88
49) 1,4-Dioxane	7.683	88	32336	866.882	ug/l	96
51) 4-Methyl-2-Pentanone	8.567	43	475927	237.445	ug/l	94
52) Toluene	8.714	92	207646	52.857	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	122279	49.364	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	133160	54.232	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	86969	52.666	ug/l	99
56) Ethyl methacrylate	9.116	69	124556	53.572	ug/l #	87
57) 1,3-Dichloropropane	9.305	76	134452	50.683	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	268067	251.980	ug/l	95
59) 2-Hexanone	9.427	43	357624	242.115	ug/l	92
60) Dibromochloromethane	9.518	129	99169	54.506	ug/l	99
61) 1,2-Dibromoethane	9.610	107	93264	53.096	ug/l	100
64) Tetrachloroethene	9.275	164	79737	54.434	ug/l	98
65) Chlorobenzene	10.079	112	232755	53.654	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	91543	55.840	ug/l	99
67) Ethyl Benzene	10.195	91	409685	54.209	ug/l	99
68) m/p-Xylenes	10.299	106	322221	109.584	ug/l	96
69) o-Xylene	10.640	106	159342	54.824	ug/l	95
70) Styrene	10.652	104	265922	55.865	ug/l	96
71) Bromoform	10.799	173	73592	56.712	ug/l #	99
73) Isopropylbenzene	10.963	105	421749	53.011	ug/l	99
74) N-amyl acetate	10.841	43	134531	49.562	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	122687	48.608	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	111678m	50.008	ug/l	
77) Bromobenzene	11.195	156	105515	52.521	ug/l	95
78) n-propylbenzene	11.305	91	470252	52.935	ug/l	98
79) 2-Chlorotoluene	11.366	91	281686	51.308	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	351137	53.021	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	36125	50.319	ug/l	89
82) 4-Chlorotoluene	11.451	91	325102	50.925	ug/l	96
83) tert-Butylbenzene	11.713	119	353120	53.471	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	353055	53.407	ug/l	100
85) sec-Butylbenzene	11.890	105	422165	54.790	ug/l	98
86) p-Isopropyltoluene	12.012	119	364577	54.882	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	195120	53.615	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	197271	53.068	ug/l	99
89) n-Butylbenzene	12.335	91	304118	55.895	ug/l	98
90) Hexachloroethane	12.536	117	59229	52.454	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	190847	52.453	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25190	46.205	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	122026	55.532	ug/l	99
94) Hexachlorobutadiene	13.725	225	52898	60.116	ug/l	99
95) Naphthalene	13.774	128	396804	54.136	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	124129	55.775	ug/l	100

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VSTDCCC050EC

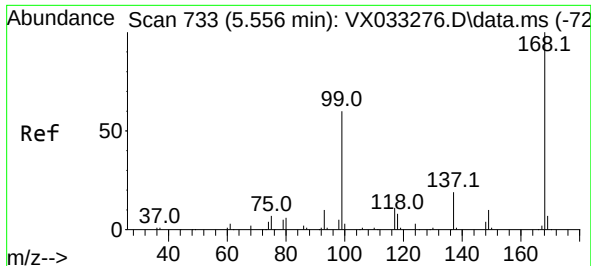
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/22/2022

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Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration

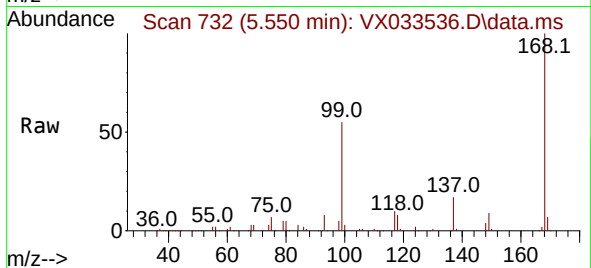
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
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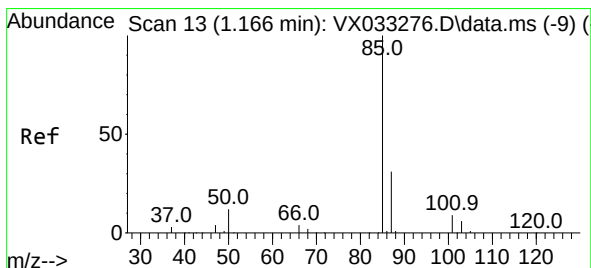
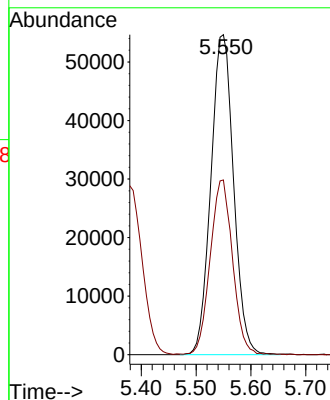
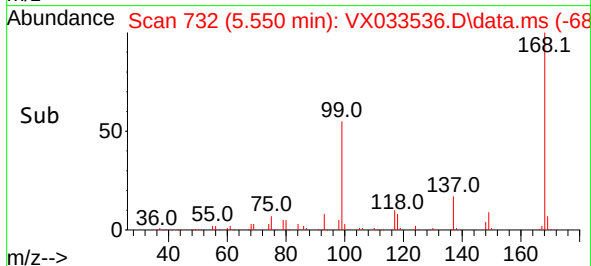
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 157134
Ion Ratio Lower Upper
168 100
99 54.5 46.1 69.1

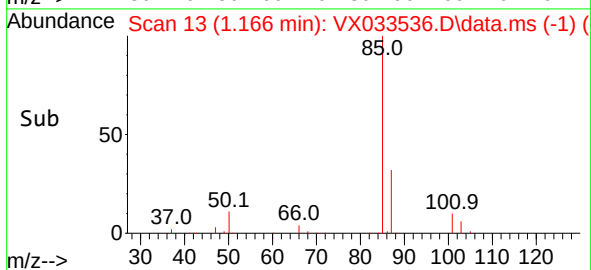
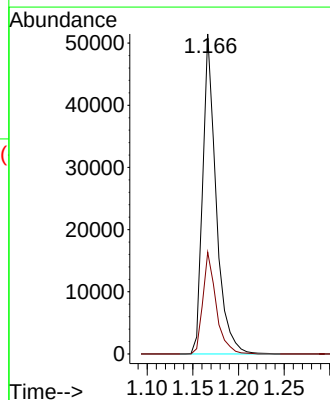
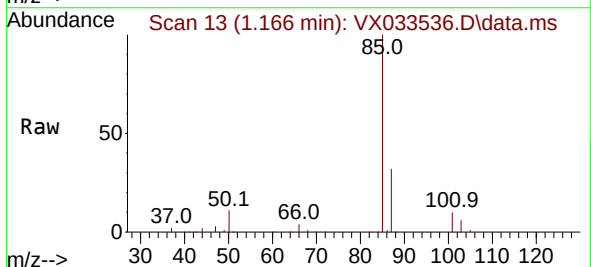
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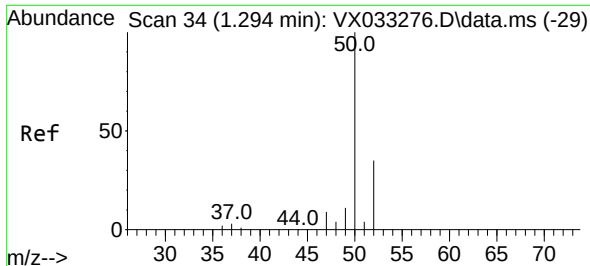
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#2
Dichlorodifluoromethane
Concen: 47.700 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

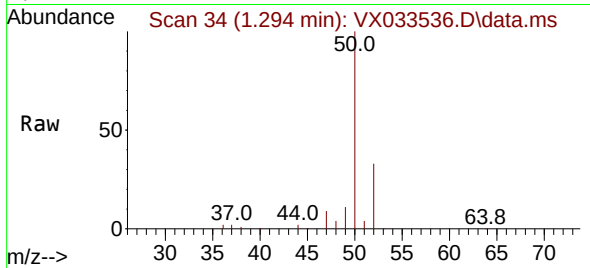
Tgt Ion: 85 Resp: 52358
Ion Ratio Lower Upper
85 100
87 31.8 15.6 46.7





#3
Chloromethane
Concen: 38.421 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

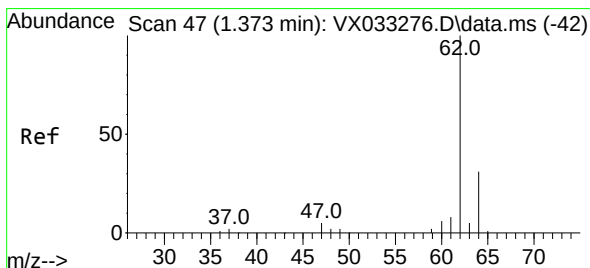
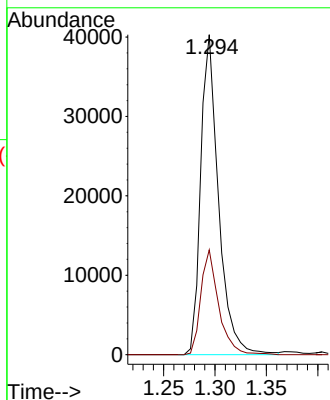
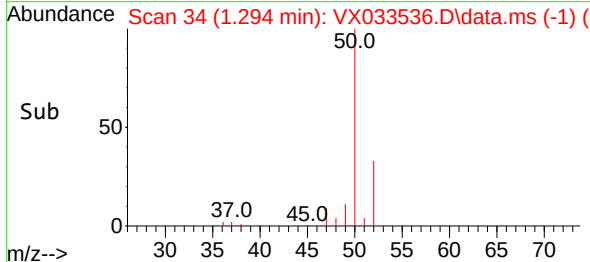
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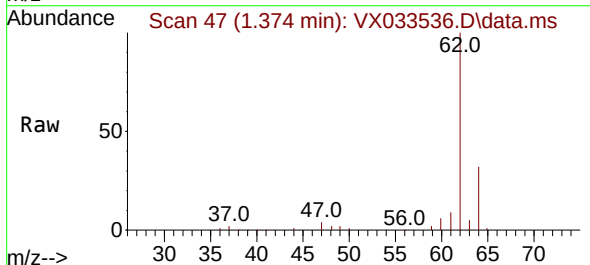
Tgt Ion: 50 Resp: 4876
Ion Ratio Lower Upper
50 100
52 32.8 25.4 38.2

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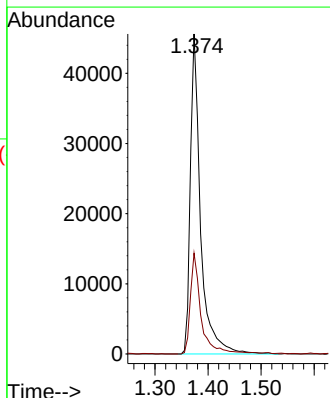
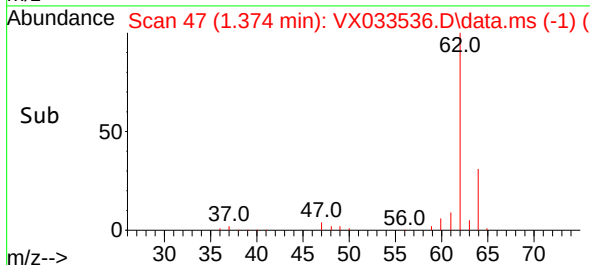
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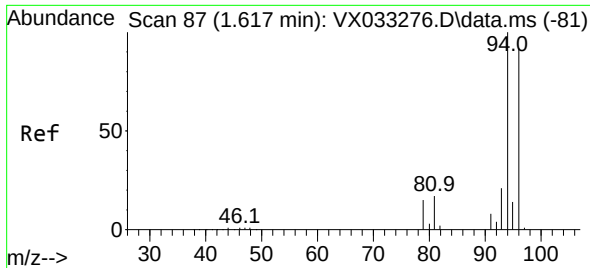


#4
Vinyl Chloride
Concen: 41.950 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31



Tgt Ion: 62 Resp: 60790
Ion Ratio Lower Upper
62 100
64 31.5 25.8 38.6





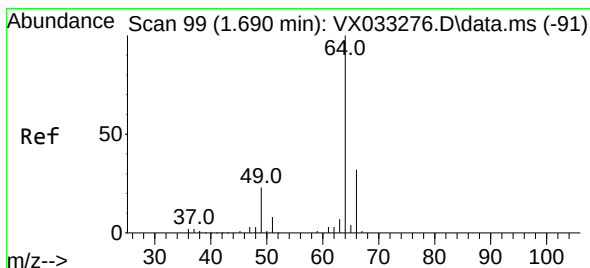
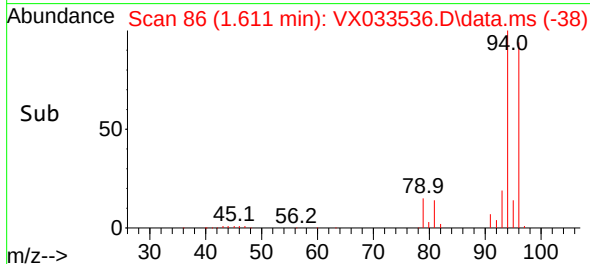
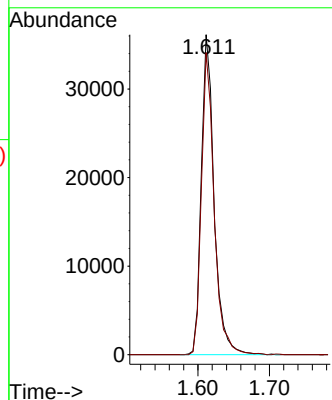
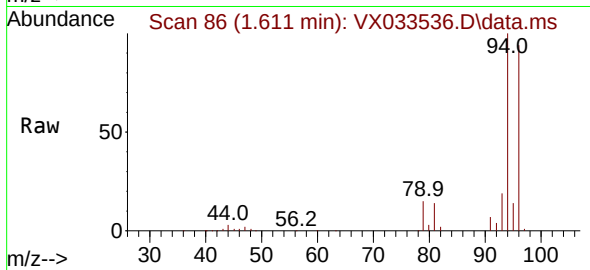
#5
Bromomethane
Concen: 42.236 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

Instrument :
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Tgt Ion: 94 Resp: 44910
Ion Ratio Lower Upper
94 100
96 94.4 77.6 116.4

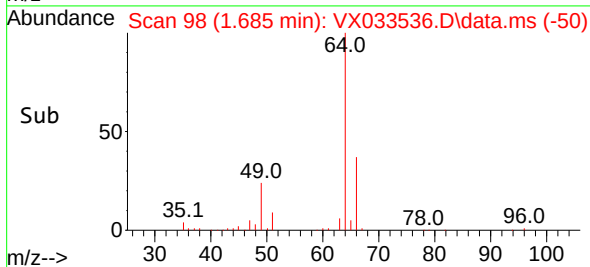
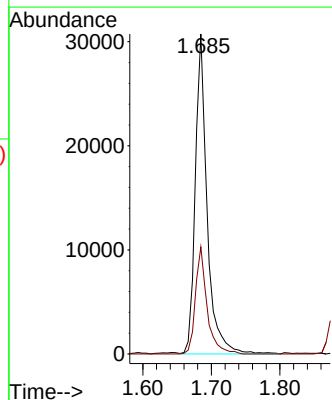
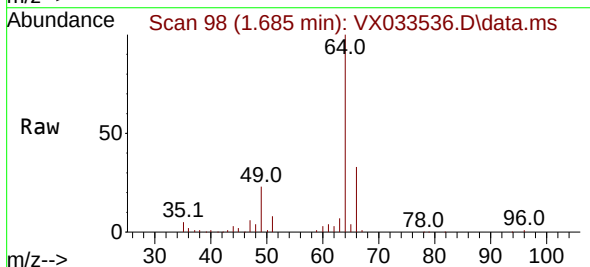
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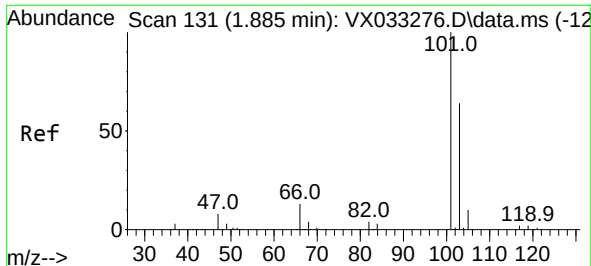
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#6
Chloroethane
Concen: 33.595 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

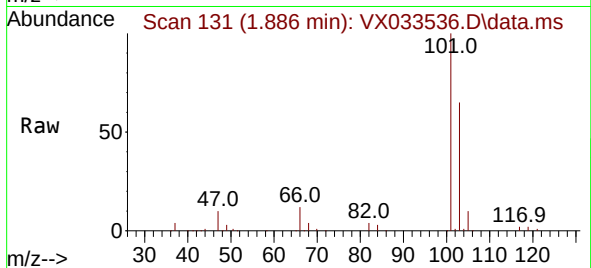
Tgt Ion: 64 Resp: 36927
Ion Ratio Lower Upper
64 100
66 33.5 26.0 39.0





#7
 Trichlorofluoromethane
 Concen: 33.394 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033536.D
 Acq: 21 Dec 2022 16:31

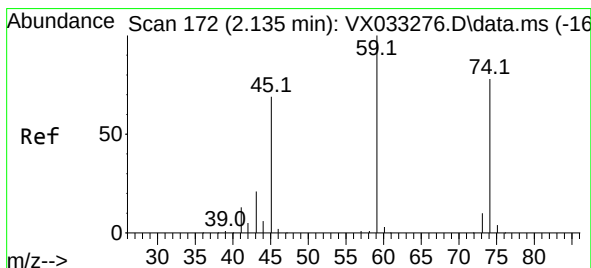
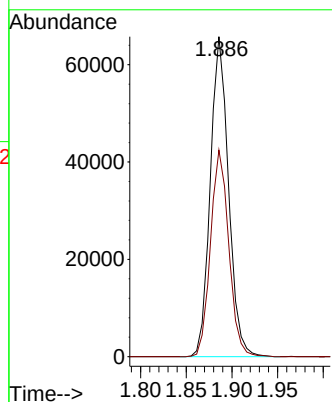
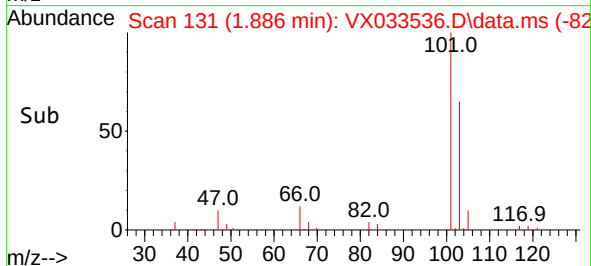
Instrument :
 MSVOA_X
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 VSTDCCC050EC



Tgt Ion:101 Resp: 90852
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.4 77.2

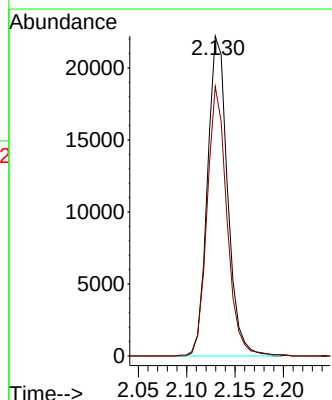
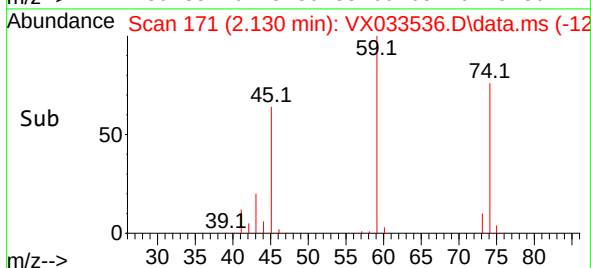
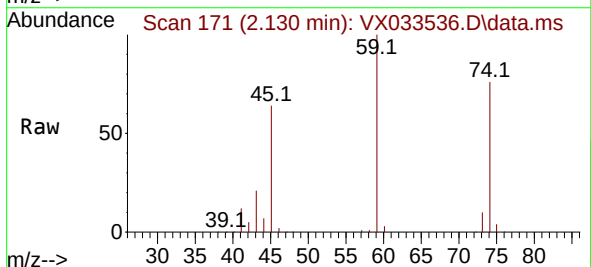
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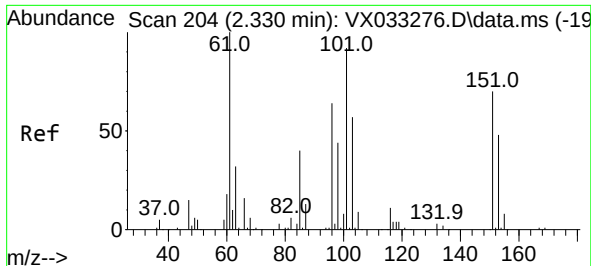
Reviewed By :John Carlone 12/22/2022
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#8
 Diethyl Ether
 Concen: 32.649 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX033536.D
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Tgt Ion: 74 Resp: 32083
 Ion Ratio Lower Upper
 74 100
 45 83.6 46.6 139.7





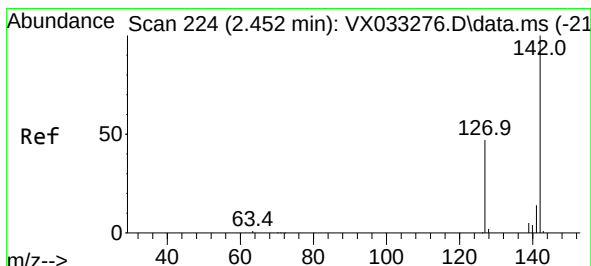
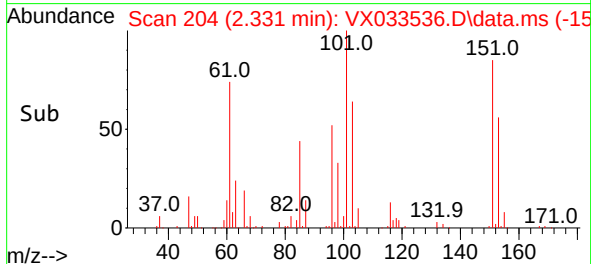
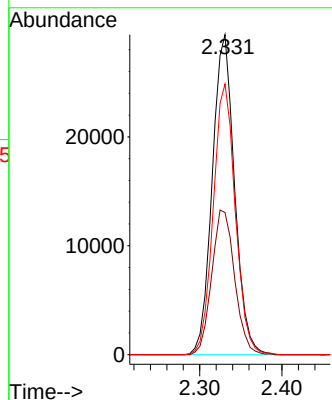
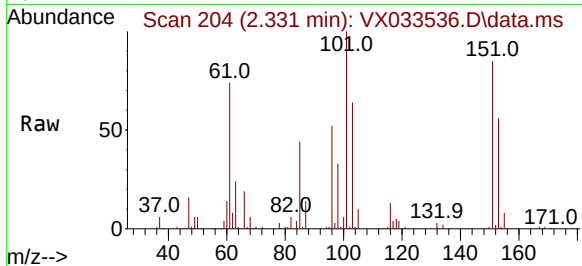
#9
1,1,2-Trichlorotrifluoroethane
Concen: 38.290 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

Instrument :
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Tgt Ion:101 Resp: 55259
Ion Ratio Lower Upper
101 100
85 46.5 37.0 55.4
151 83.9 64.4 96.6

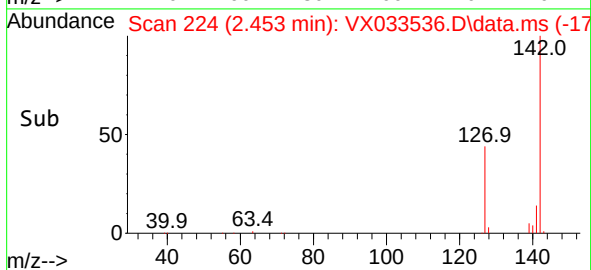
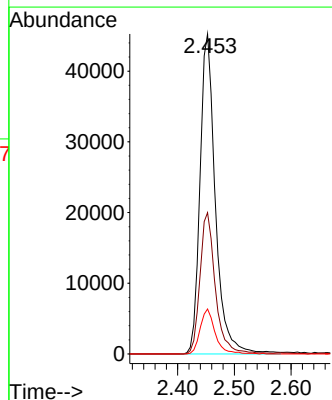
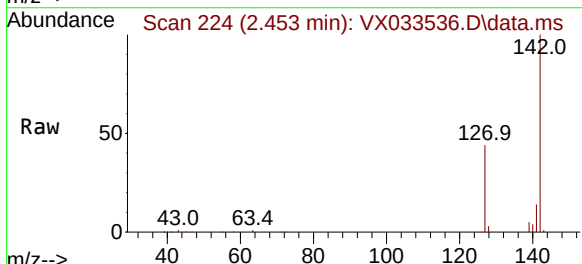
Manual Integrations
APPROVED

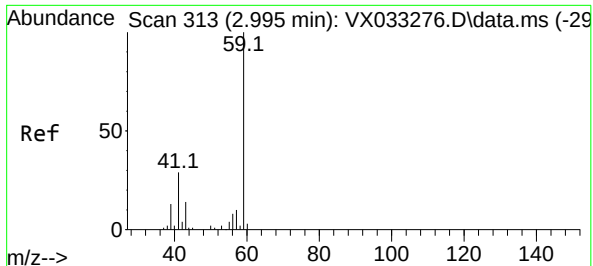
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#10
Methyl Iodide
Concen: 54.030 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

Tgt Ion:142 Resp: 85399
Ion Ratio Lower Upper
142 100
127 44.2 38.6 57.8
141 13.7 11.4 17.2





#11

Tert butyl alcohol

Concen: 225.549 ug/l

RT: 2.977 min Scan# 31

Delta R.T. -0.018 min

Lab File: VX033536.D

Acq: 21 Dec 2022 16:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 69514

Ion Ratio Lower Upper

59 100

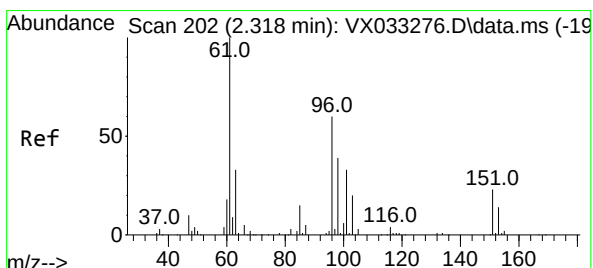
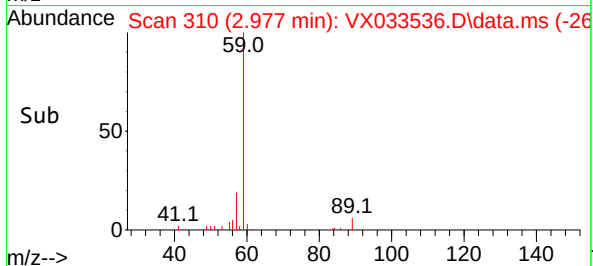
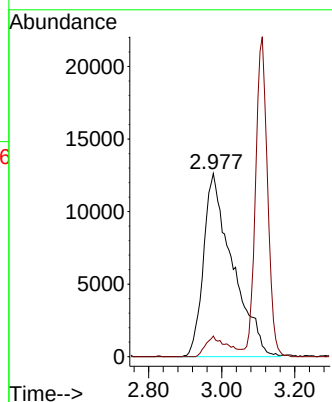
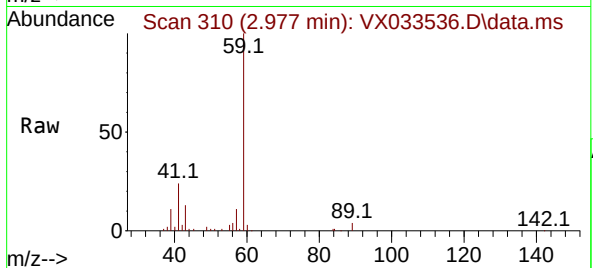
57 8.6 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#12

1,1-Dichloroethene

Concen: 34.181 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX033536.D

Acq: 21 Dec 2022 16:31

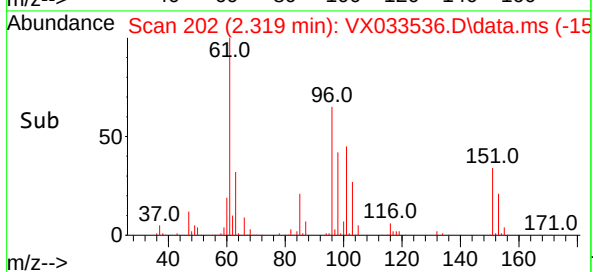
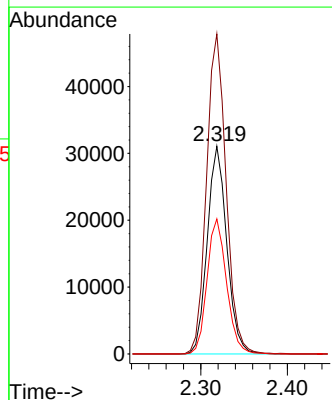
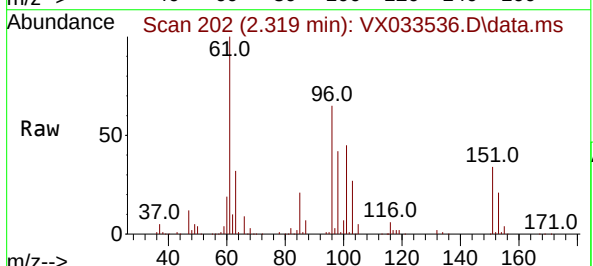
Tgt Ion: 96 Resp: 48693

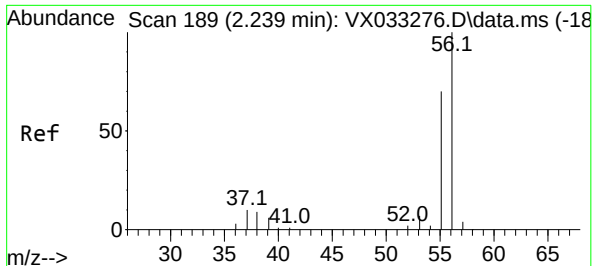
Ion Ratio Lower Upper

96 100

61 154.1 125.1 187.7

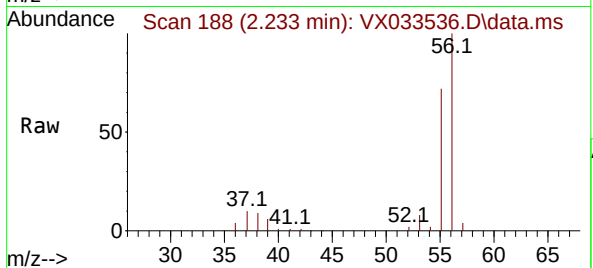
98 65.0 50.6 76.0





#13
Acrolein
Concen: 244.359 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

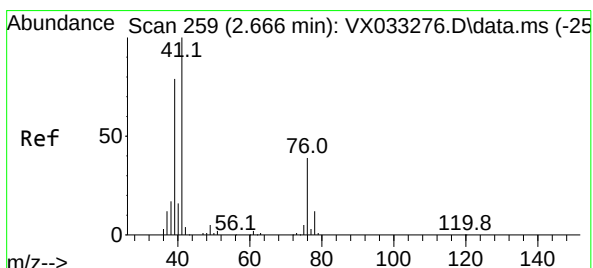
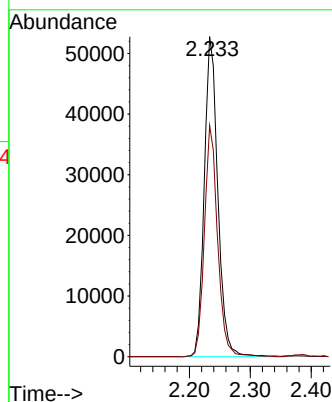
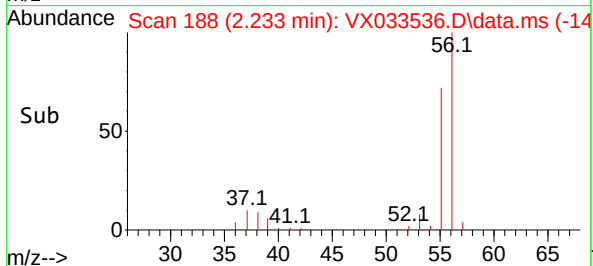
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 81679
Ion Ratio Lower Upper
56 100
55 70.5 56.9 85.3

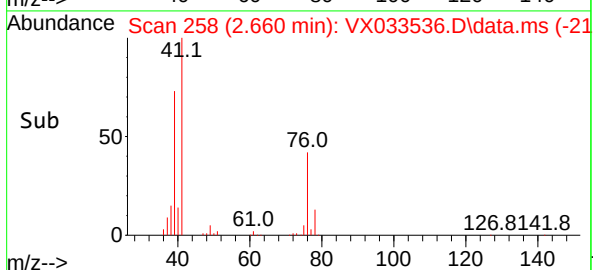
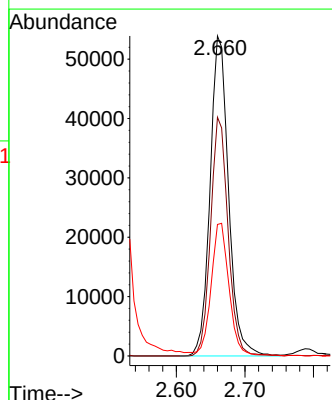
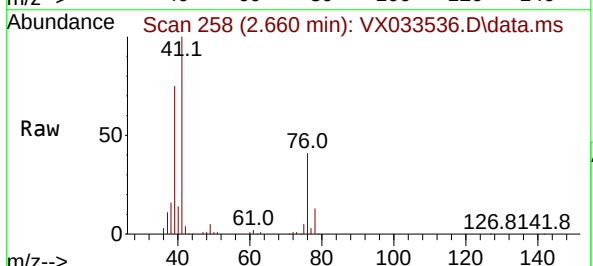
Manual Integrations
APPROVED

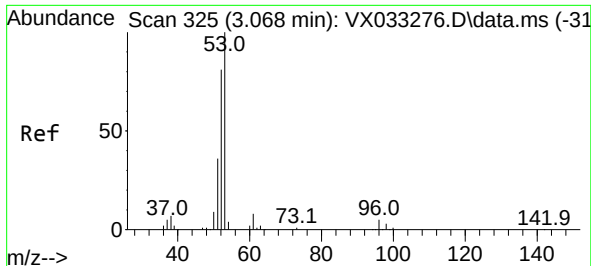
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#14
Allyl chloride
Concen: 44.422 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

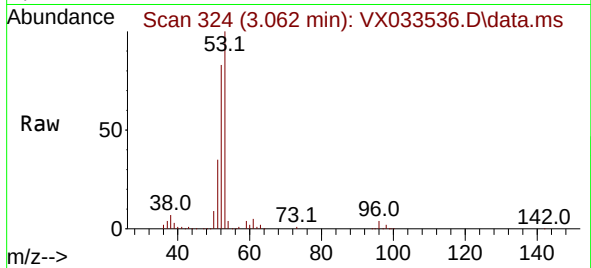
Tgt Ion: 41 Resp: 101058
Ion Ratio Lower Upper
41 100
39 70.4 61.4 92.2
76 40.0 29.2 43.8





#15
Acrylonitrile
Concen: 225.315 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

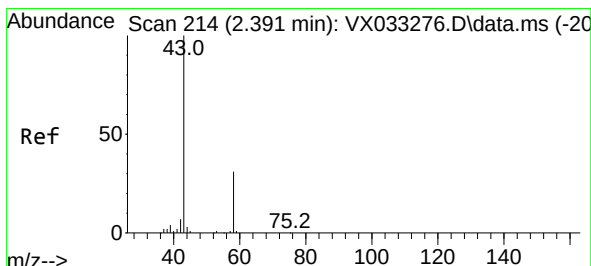
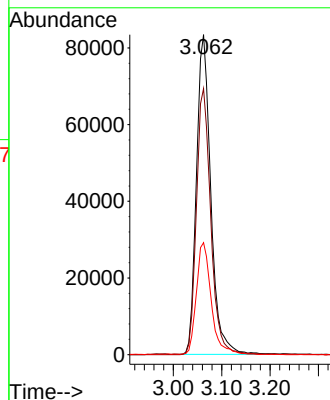
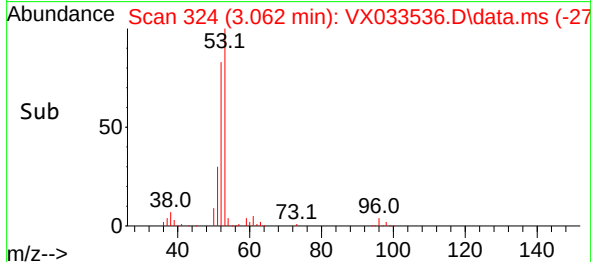
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 17201
Ion Ratio Lower Upper
53 100
52 83.2 67.4 101.0
51 36.1 30.3 45.5

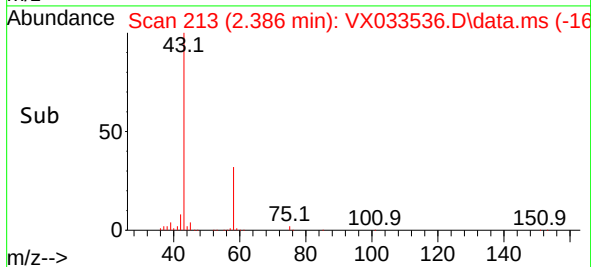
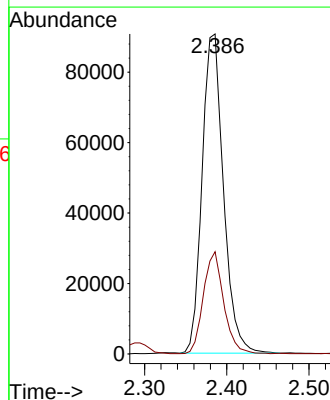
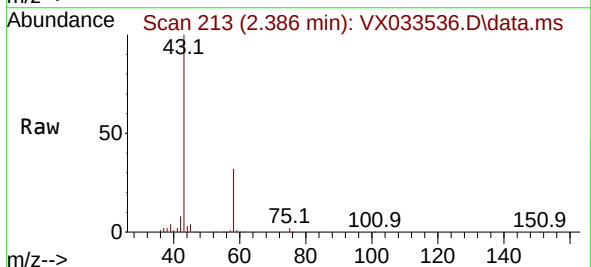
Manual Integrations
APPROVED

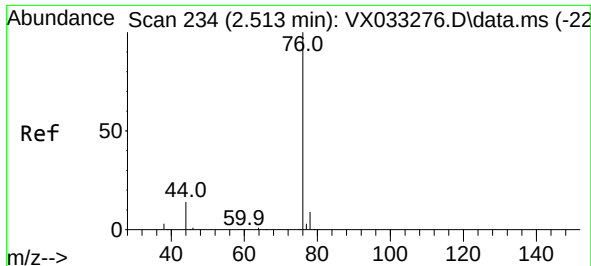
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#16
Acetone
Concen: 219.298 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

Tgt Ion: 43 Resp: 163584
Ion Ratio Lower Upper
43 100
58 31.9 23.8 35.8





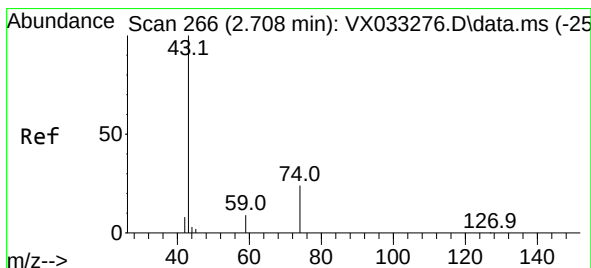
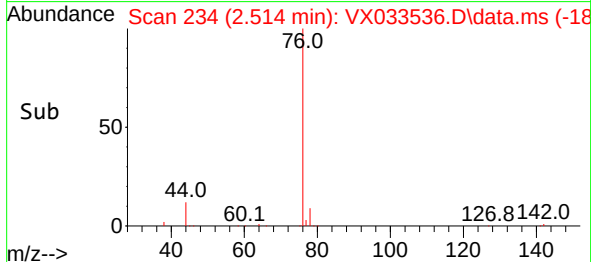
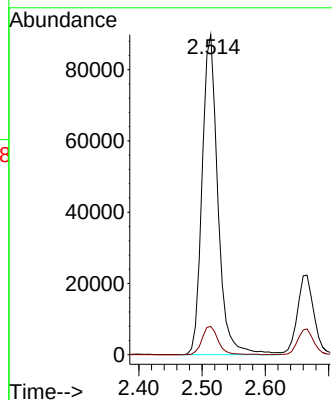
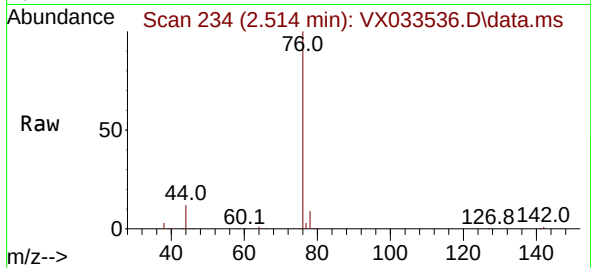
#17
Carbon Disulfide
Concen: 42.786 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 156434
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

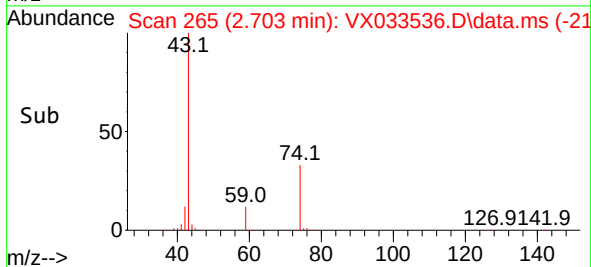
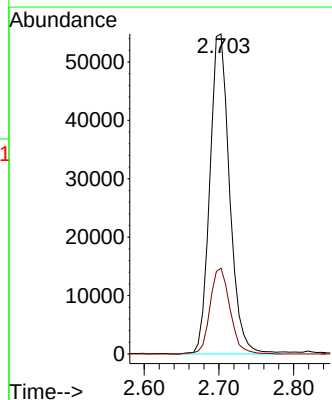
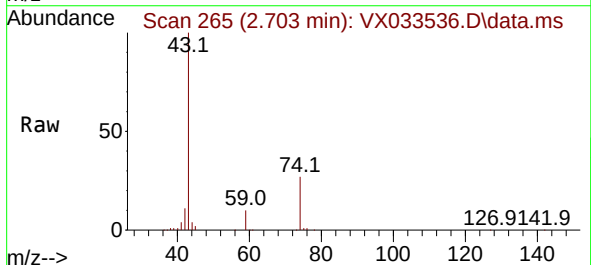
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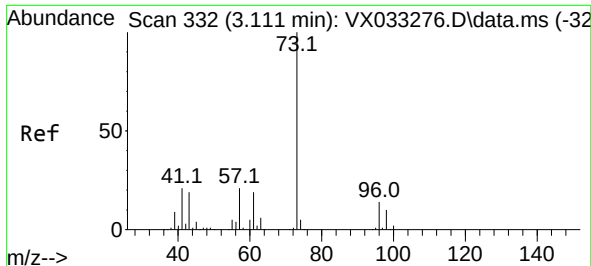
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#18
Methyl Acetate
Concen: 46.631 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

Tgt Ion: 43 Resp: 100696
Ion Ratio Lower Upper
43 100
74 27.0 19.4 29.0





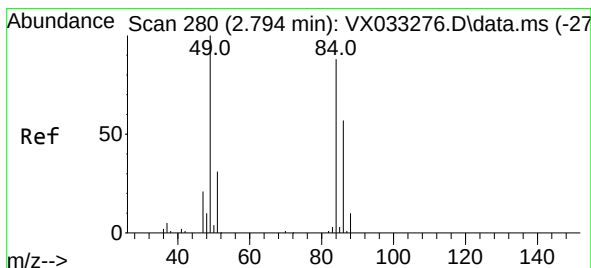
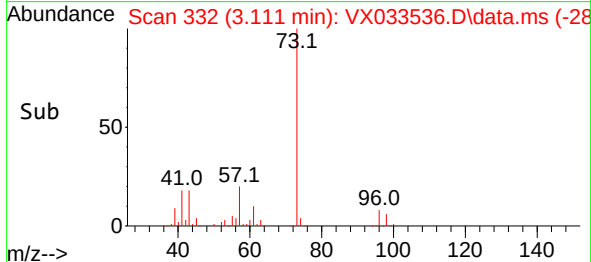
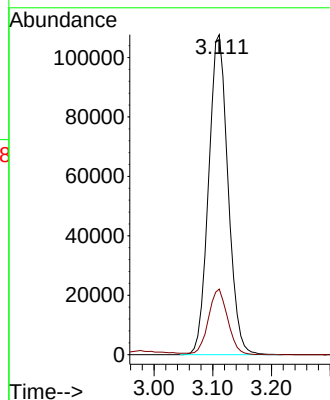
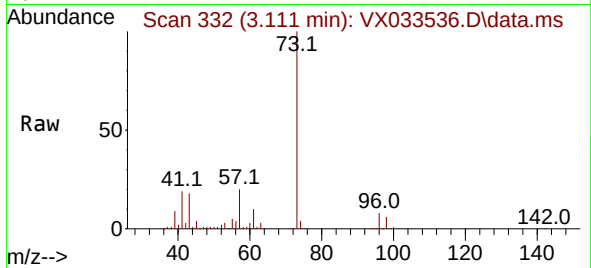
#19
Methyl tert-butyl Ether
Concen: 50.006 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 246752
Ion Ratio Lower Upper
73 100
57 20.5 16.6 25.0

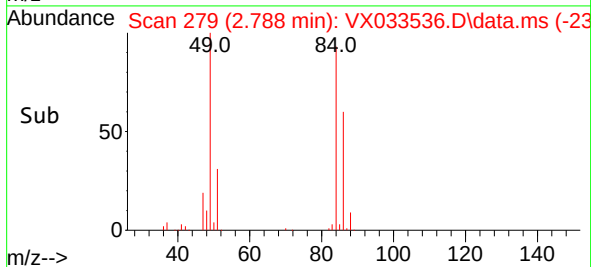
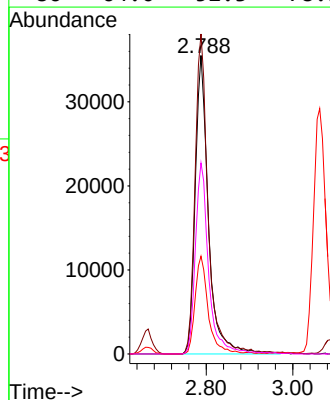
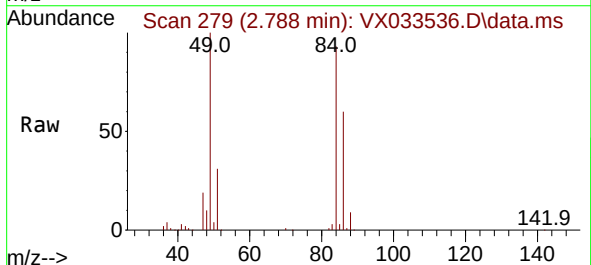
Manual Integrations
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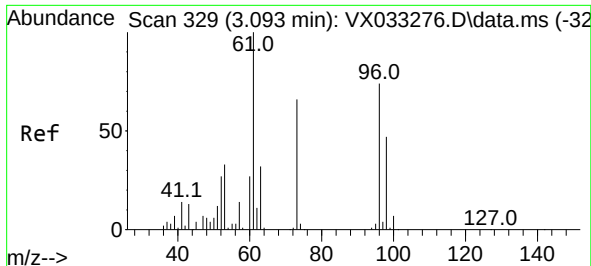
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#20
Methylene Chloride
Concen: 45.187 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

Tgt Ion: 84 Resp: 75173
Ion Ratio Lower Upper
84 100
49 107.2 101.0 151.6
51 32.8 31.1 46.7
86 64.0 52.3 78.5





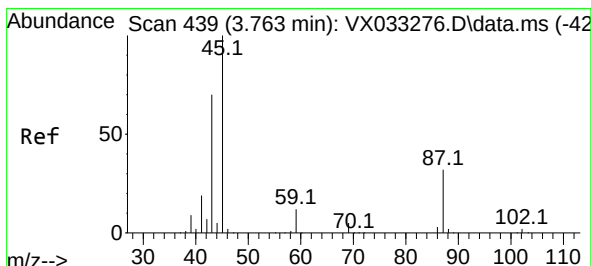
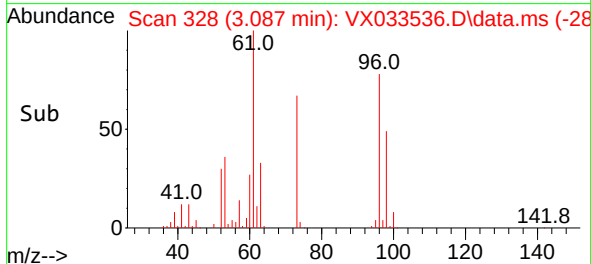
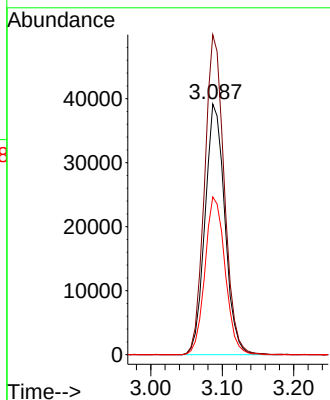
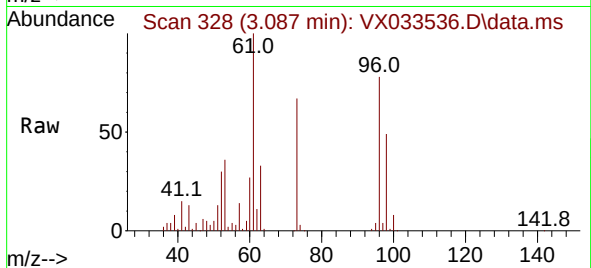
#21
trans-1,2-Dichloroethene
Concen: 48.390 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 7540
Ion Ratio Lower Upper
96 100
61 127.7 106.6 160.0
98 62.9 51.0 76.6

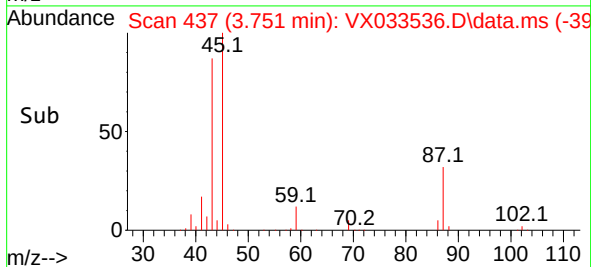
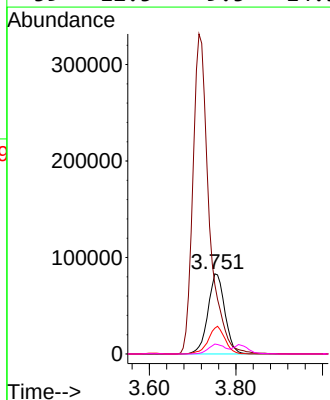
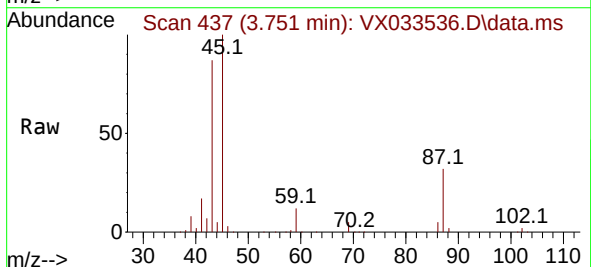
Manual Integrations
APPROVED

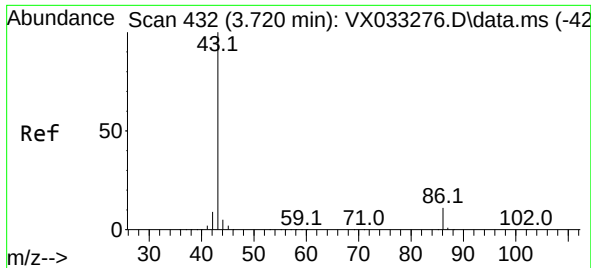
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#22
Diisopropyl ether
Concen: 46.143 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.012 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

Tgt Ion: 45 Resp: 224902
Ion Ratio Lower Upper
45 100
43 86.3 56.4 84.6#
87 32.2 24.4 36.6
59 12.5 9.5 14.3





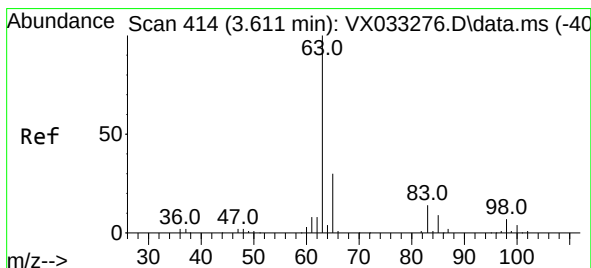
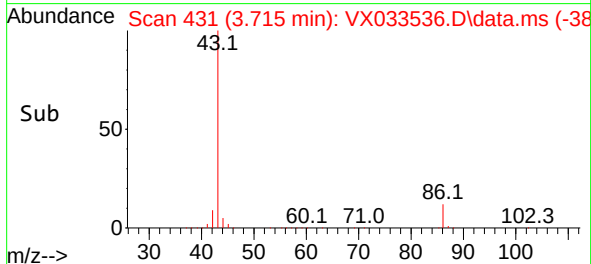
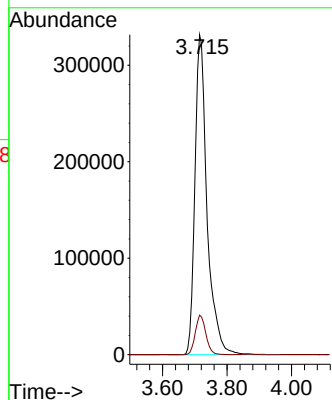
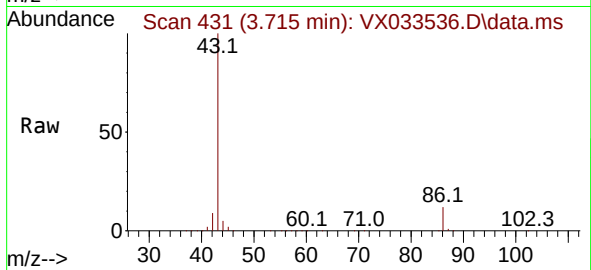
#23
 Vinyl Acetate
 Concen: 228.136 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX033536.D
 Acq: 21 Dec 2022 16:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 86306
 Ion Ratio Lower Upper
 43 100
 86 12.4 8.6 12.8

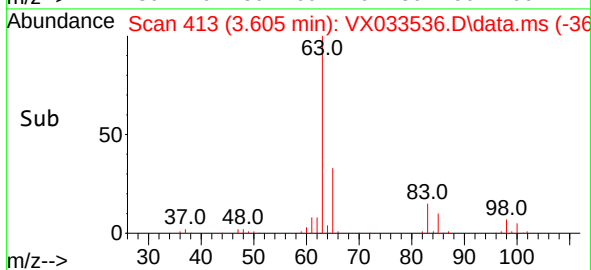
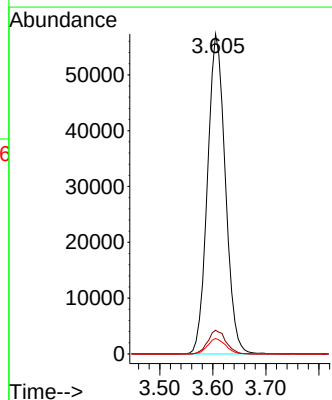
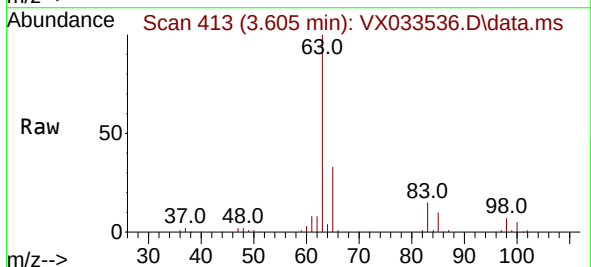
Manual Integrations
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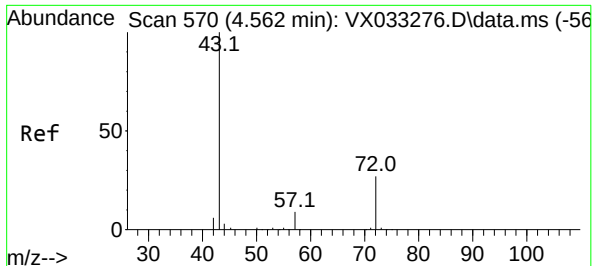
Reviewed By :John Carlone 12/22/2022
 Supervised By :Mahesh Dadoda 12/22/2022



#24
 1,1-Dichloroethane
 Concen: 46.754 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX033536.D
 Acq: 21 Dec 2022 16:31

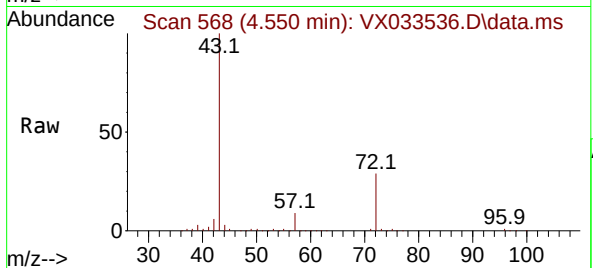
Tgt Ion: 63 Resp: 133895
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.4
 100 4.8 2.3 6.8





#25
2-Butanone
Concen: 224.136 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

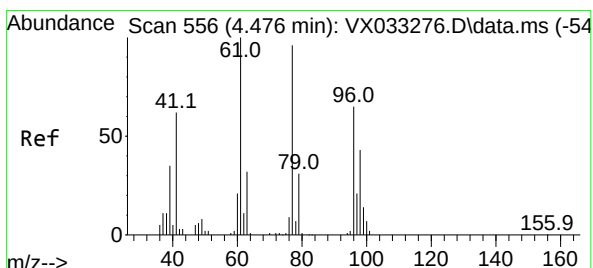
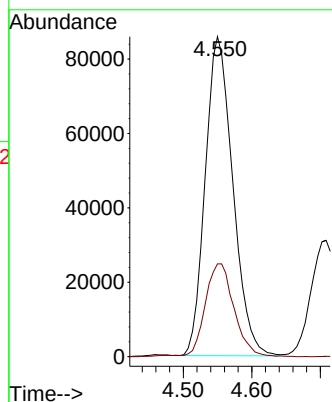
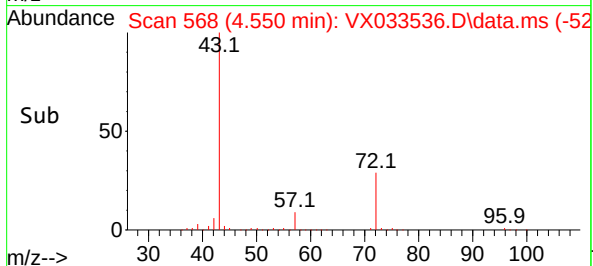
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 239992
Ion Ratio Lower Upper
43 100
72 28.8 22.2 33.2

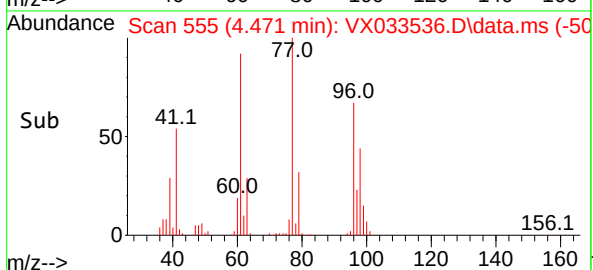
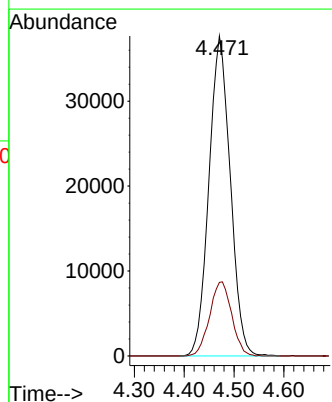
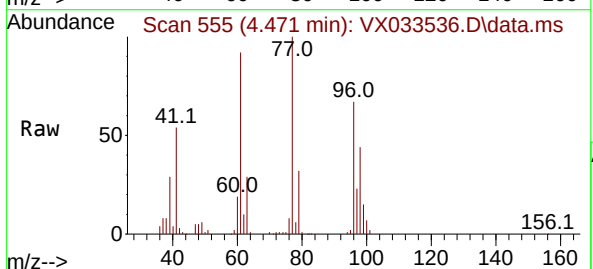
Manual Integrations
APPROVED

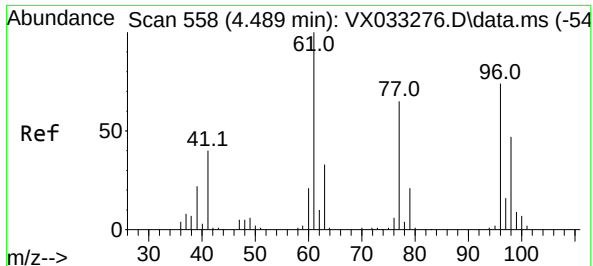
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#26
2,2-Dichloropropane
Concen: 53.110 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

Tgt Ion: 77 Resp: 111852
Ion Ratio Lower Upper
77 100
97 24.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 49.443 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX033536.D

Acq: 21 Dec 2022 16:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 9208

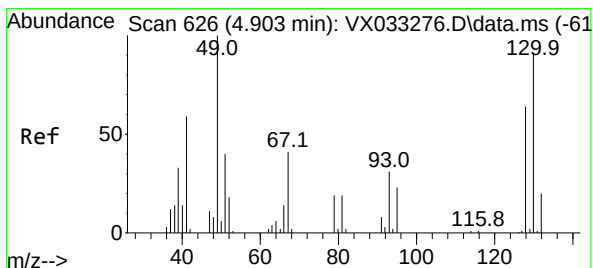
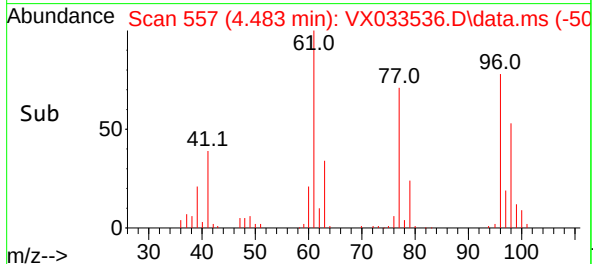
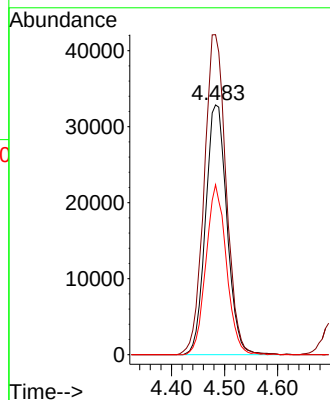
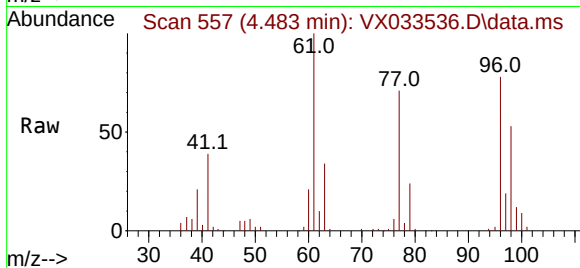
Ion	Ratio	Lower	Upper
96	100		
61	131.6	0.0	286.0
98	64.8	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#28

Bromochloromethane

Concen: 46.364 ug/l

RT: 4.891 min Scan# 624

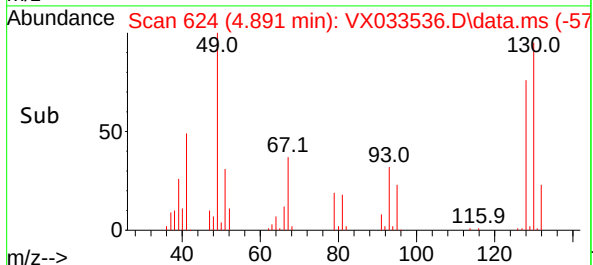
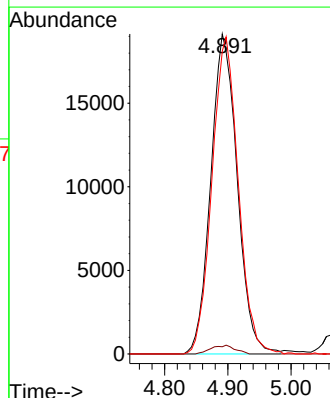
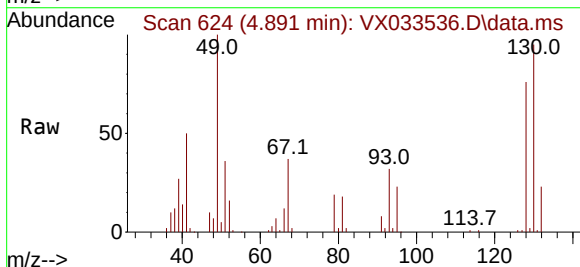
Delta R.T. -0.012 min

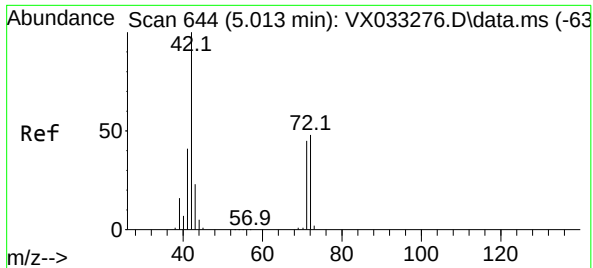
Lab File: VX033536.D

Acq: 21 Dec 2022 16:31

Tgt Ion: 49 Resp: 55582

Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	3.8
130	98.4	67.5	101.3





#29

Tetrahydrofuran

Concen: 211.990 ug/l

RT: 5.001 min Scan# 644

Delta R.T. -0.012 min

Lab File: VX033536.D

Acq: 21 Dec 2022 16:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 14706

Ion Ratio Lower Upper

42 100

72 51.7 37.6 56.4

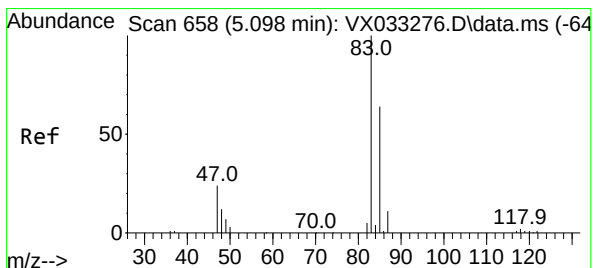
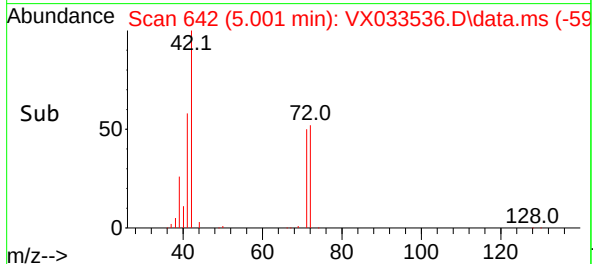
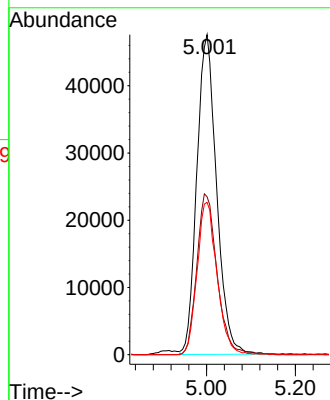
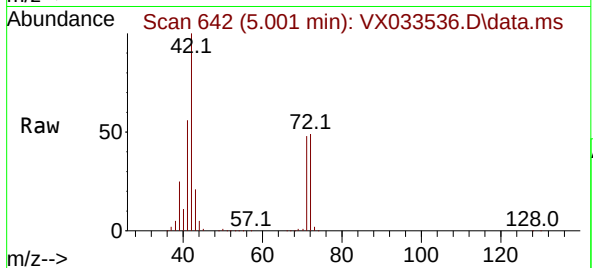
71 48.0 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#30

Chloroform

Concen: 47.544 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.012 min

Lab File: VX033536.D

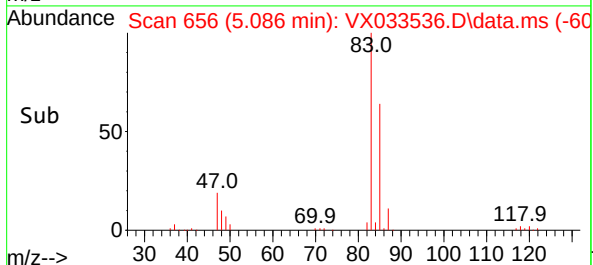
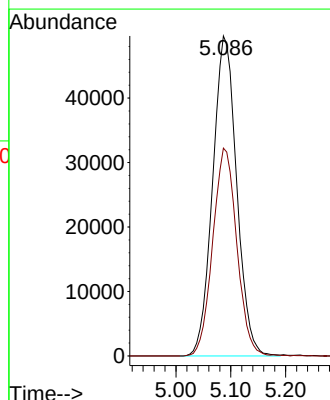
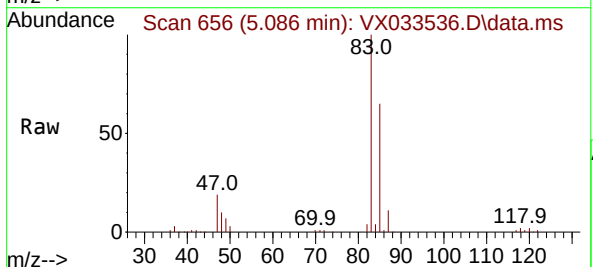
Acq: 21 Dec 2022 16:31

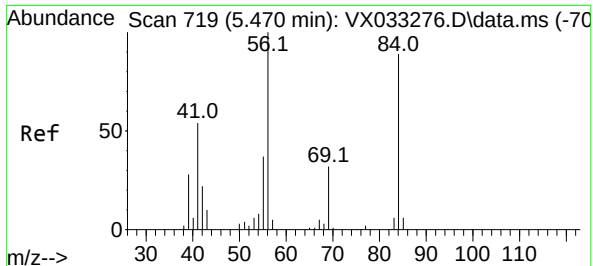
Tgt Ion: 83 Resp: 151158

Ion Ratio Lower Upper

83 100

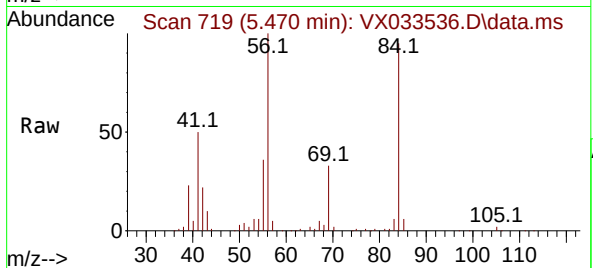
85 64.9 51.1 76.7





#31
Cyclohexane
Concen: 46.921 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

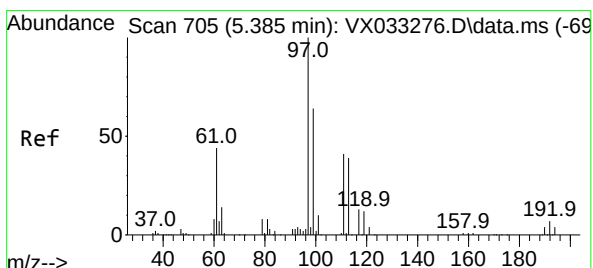
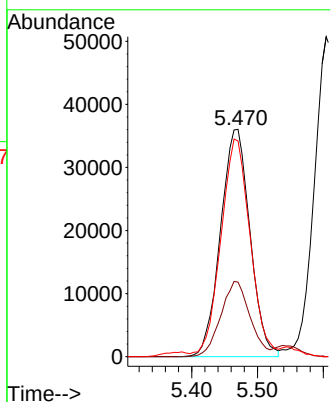
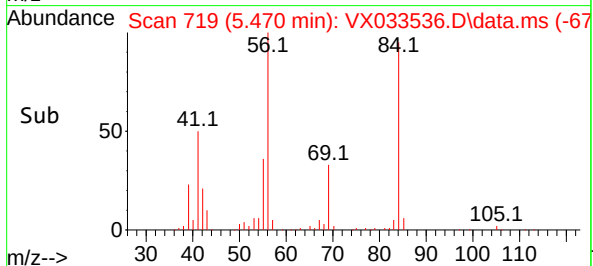
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 11241
Ion Ratio Lower Upper
56 100
69 32.8 24.1 36.1
84 93.1 66.9 100.3

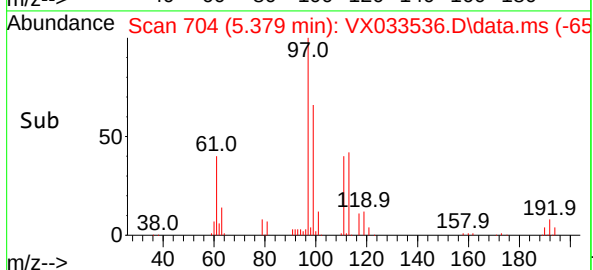
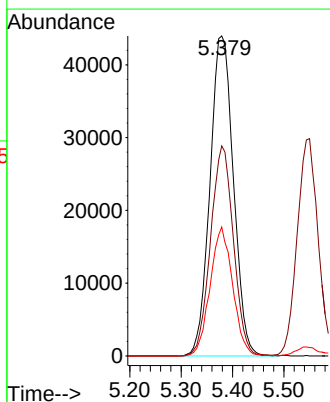
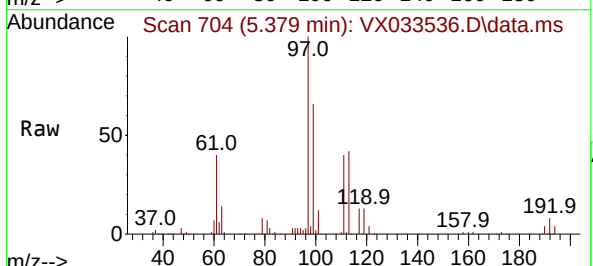
Manual Integrations
APPROVED

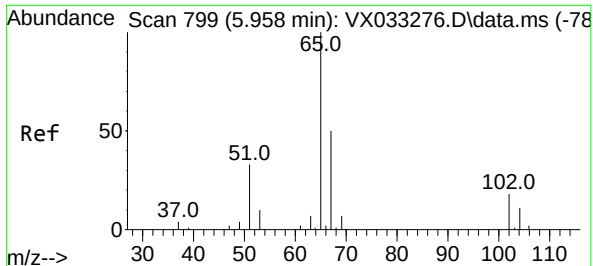
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#32
1,1,1-Trichloroethane
Concen: 50.941 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

Tgt Ion: 97 Resp: 139348
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.0
61 38.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 40.117 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033536.D

Acq: 21 Dec 2022 16:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 4044

Ion Ratio Lower Upper

65 100

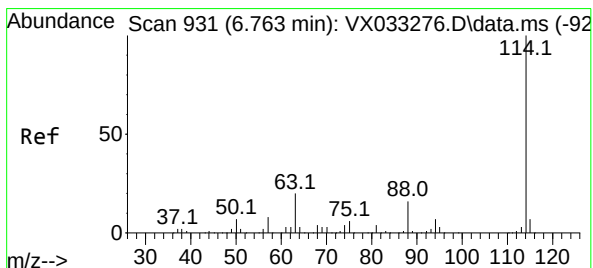
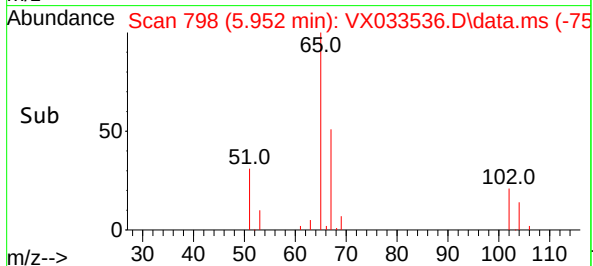
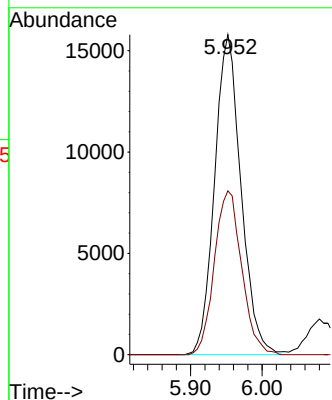
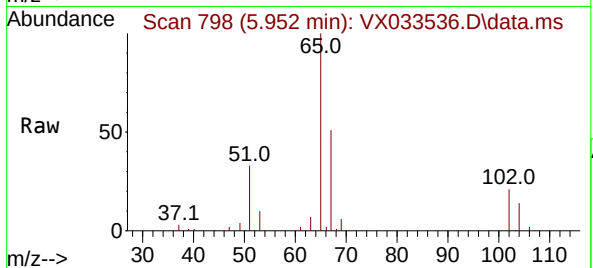
67 53.0 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033536.D

Acq: 21 Dec 2022 16:31

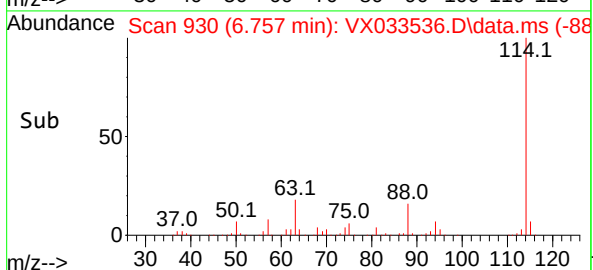
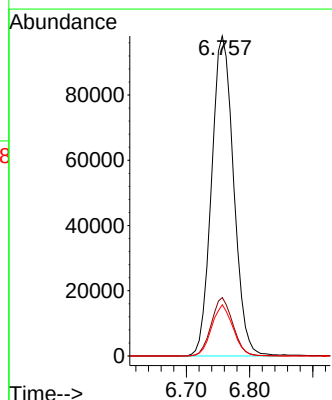
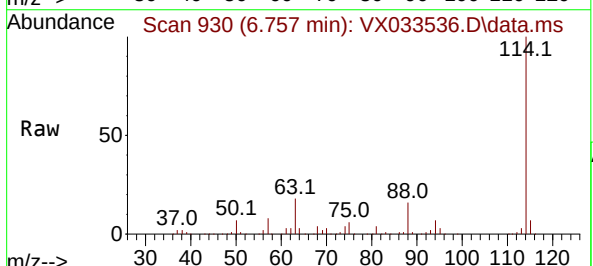
Tgt Ion:114 Resp: 237637

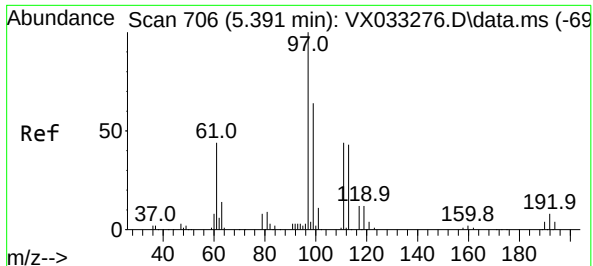
Ion Ratio Lower Upper

114 100

63 18.3 0.0 41.6

88 16.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 49.031 ug/l

RT: 5.379 min Scan# 706

Delta R.T. -0.012 min

Lab File: VX033536.D

Acq: 21 Dec 2022 16:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

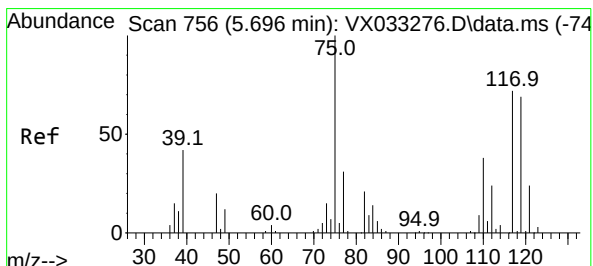
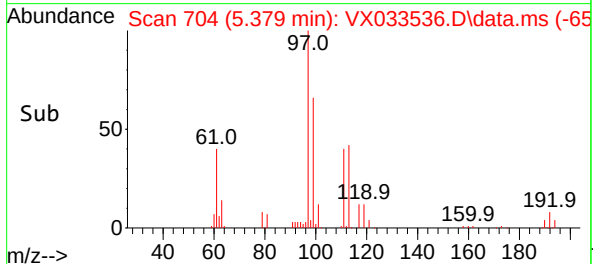
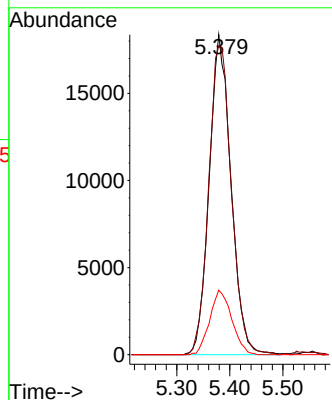
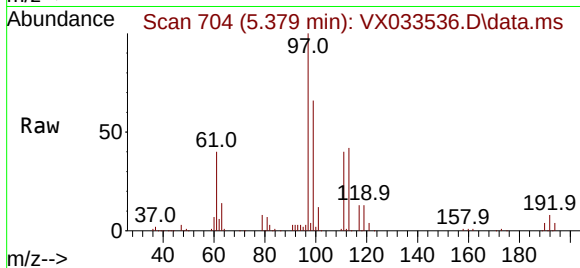
Tgt Ion:	113	Resp:	52400
Ion Ratio	Lower	Upper	
113	100		
111	100.9	82.4	123.6
192	20.4	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#36

1,1-Dichloropropene

Concen: 50.661 ug/l

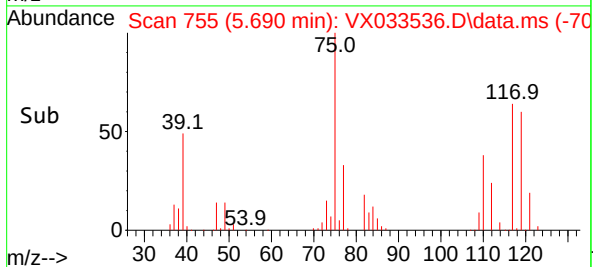
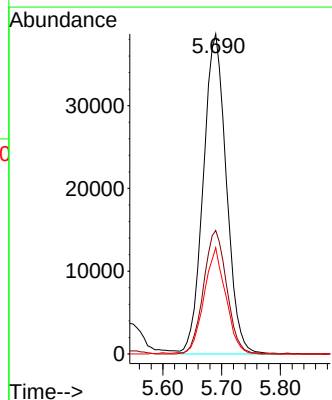
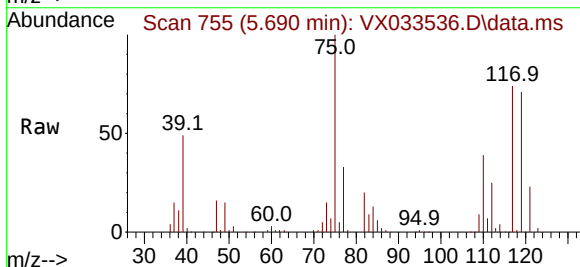
RT: 5.690 min Scan# 755

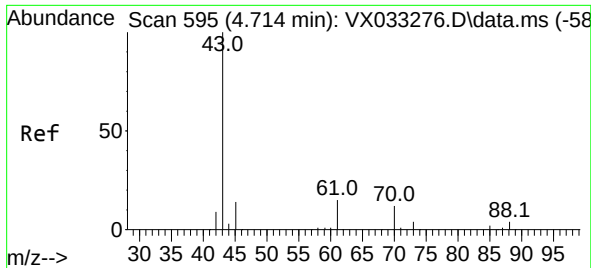
Delta R.T. -0.006 min

Lab File: VX033536.D

Acq: 21 Dec 2022 16:31

Tgt Ion:	75	Resp:	105572
Ion Ratio	Lower	Upper	
75	100		
110	38.6	18.4	55.2
77	31.3	24.5	36.7





#37

Ethyl Acetate

Concen: 45.877 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX033536.D

Acq: 21 Dec 2022 16:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 90372

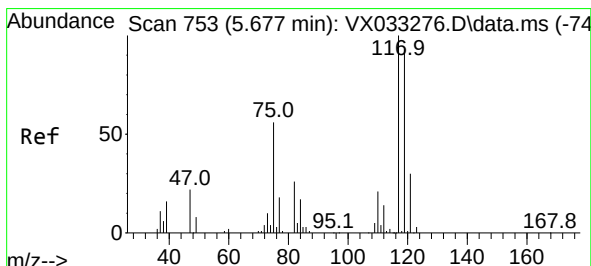
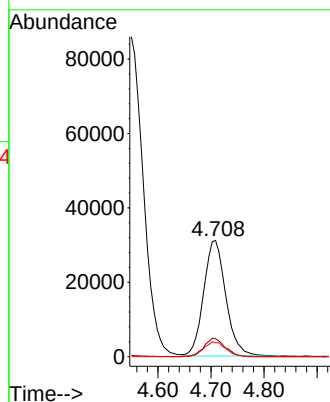
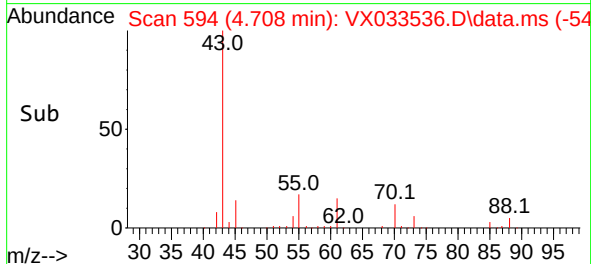
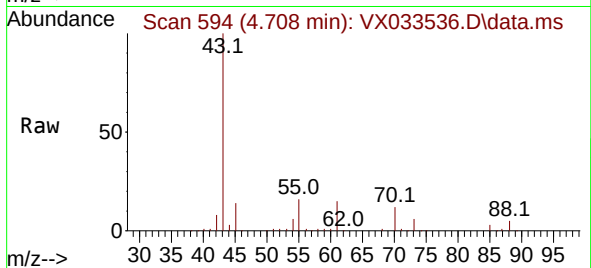
Ion	Ratio	Lower	Upper
43	100		
61	15.4	11.5	17.3
70	12.6	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#38

Carbon Tetrachloride

Concen: 52.341 ug/l

RT: 5.672 min Scan# 752

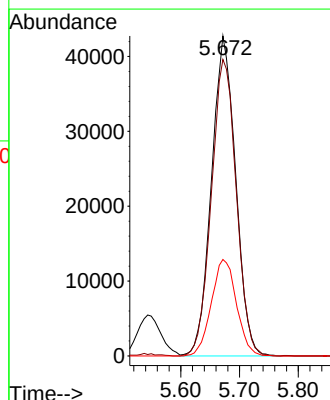
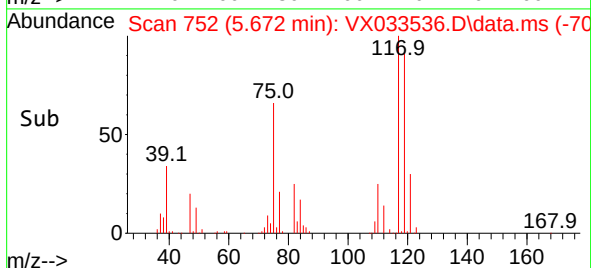
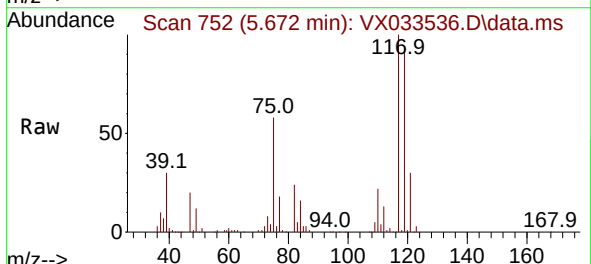
Delta R.T. -0.006 min

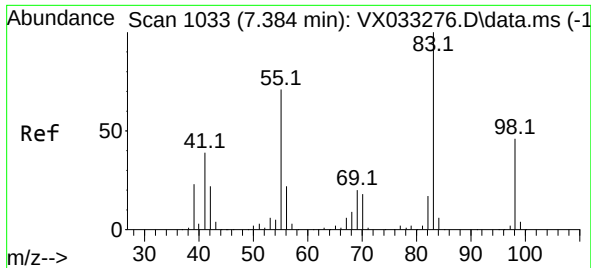
Lab File: VX033536.D

Acq: 21 Dec 2022 16:31

Tgt Ion:117 Resp: 122206

Ion	Ratio	Lower	Upper
117	100		
119	92.7	77.2	115.8
121	30.2	25.8	38.6





#39
Methylcyclohexane
Concen: 54.059 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

Instrument :

MSVOA_X

ClientSampleId :

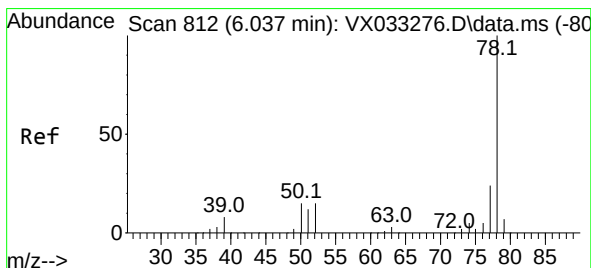
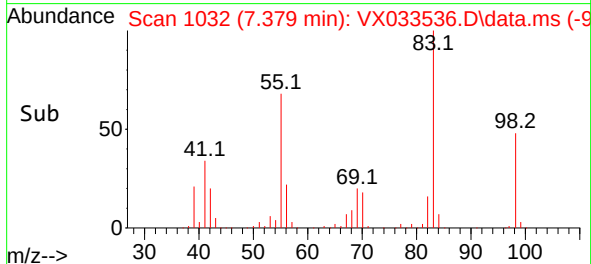
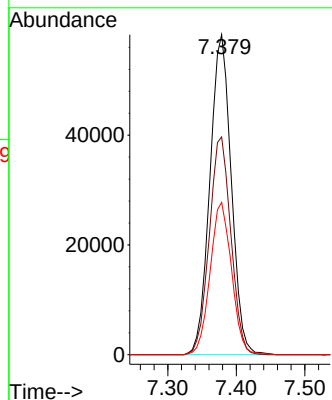
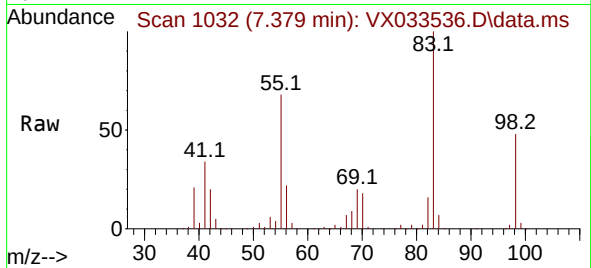
VSTDCCC050EC

Tgt Ion: 83 Resp: 126092
Ion Ratio Lower Upper
83 100
55 68.0 58.4 87.6
98 47.6 37.2 55.8

Manual Integrations

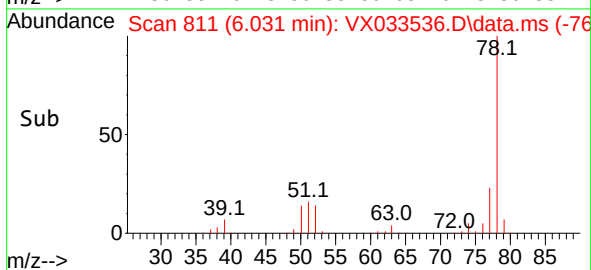
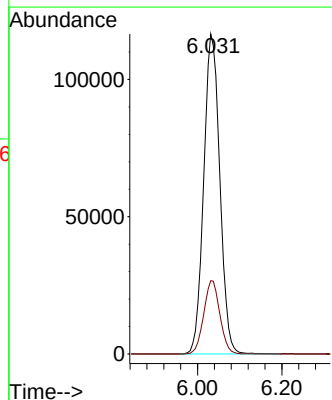
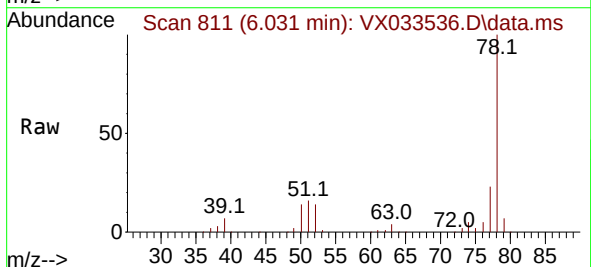
APPROVED

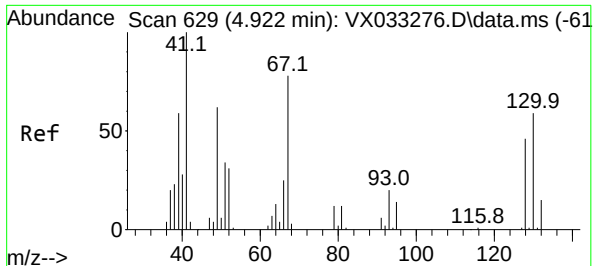
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#40
Benzene
Concen: 51.001 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

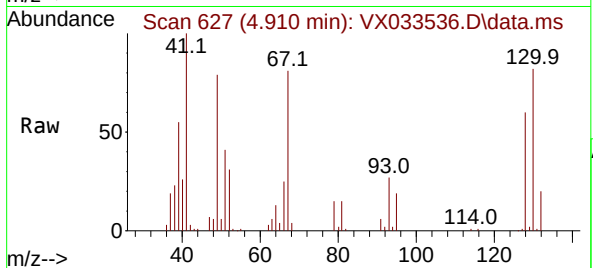
Tgt Ion: 78 Resp: 309882
Ion Ratio Lower Upper
78 100
77 22.9 19.0 28.4





#41
Methacrylonitrile
Concen: 47.388 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

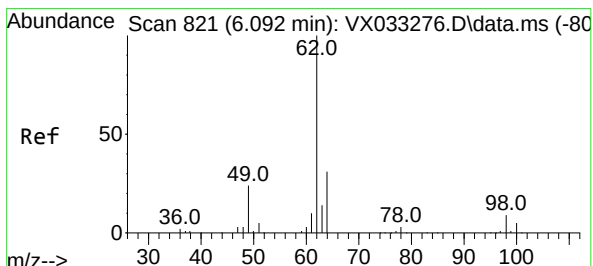
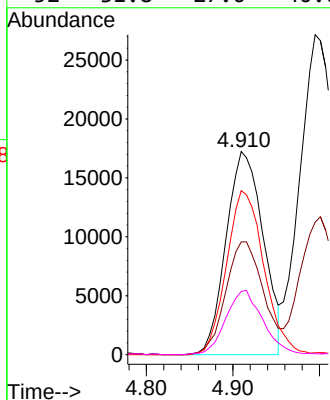
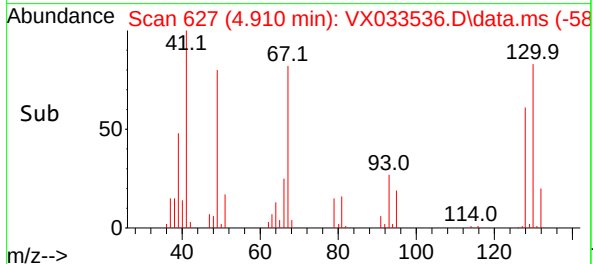
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 51439
Ion Ratio Lower Upper
41 100
39 57.2 47.5 71.3
67 81.7 60.5 90.7
52 31.8 27.0 40.6

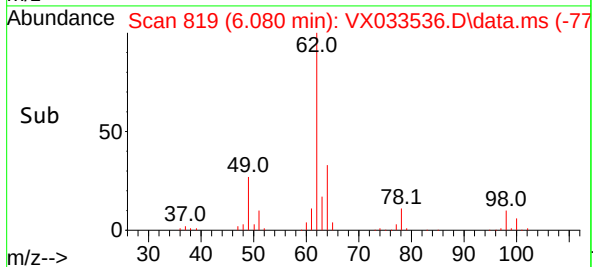
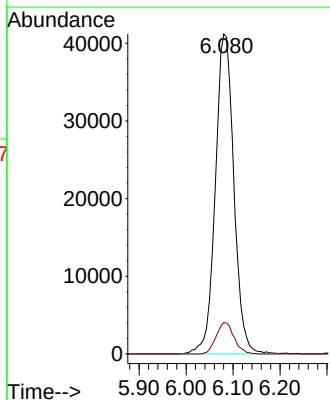
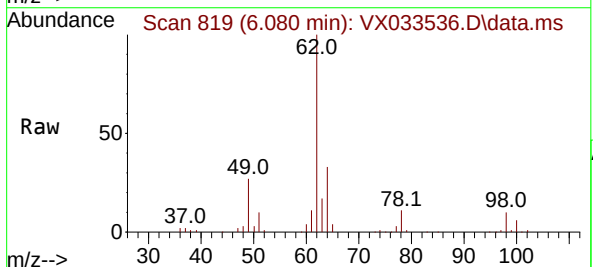
Manual Integrations
APPROVED

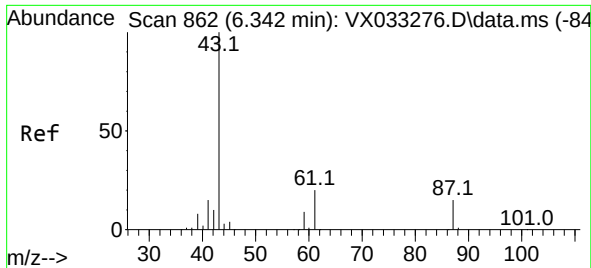
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#42
1,2-Dichloroethane
Concen: 46.821 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.012 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

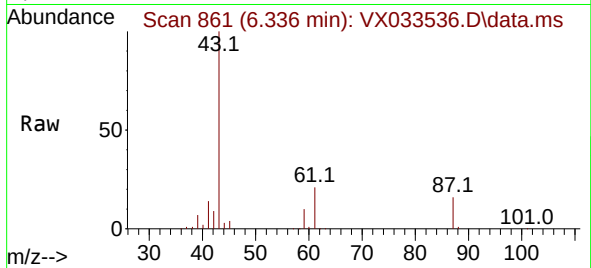
Tgt Ion: 62 Resp: 112966
Ion Ratio Lower Upper
62 100
98 9.5 0.0 16.0





#43
Isopropyl Acetate
Concen: 48.963 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

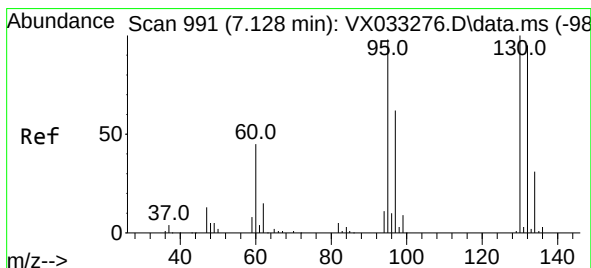
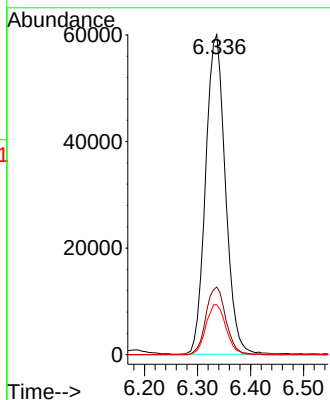
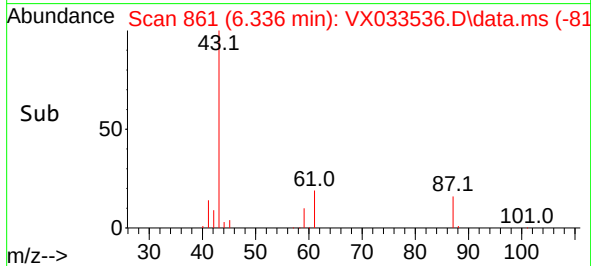
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 155190
Ion Ratio Lower Upper
43 100
61 21.4 15.4 23.0
87 15.9 10.8 16.2

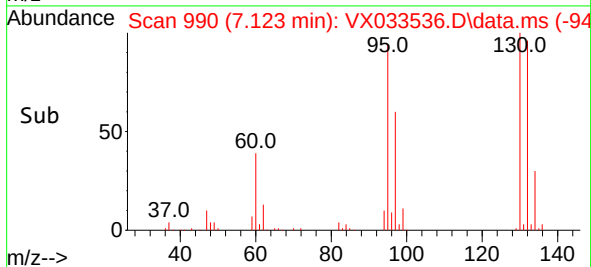
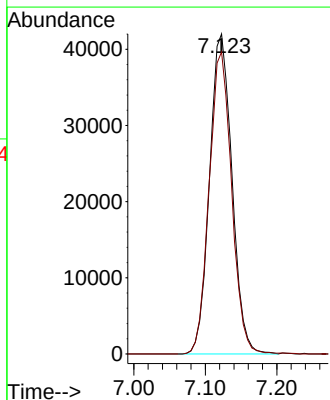
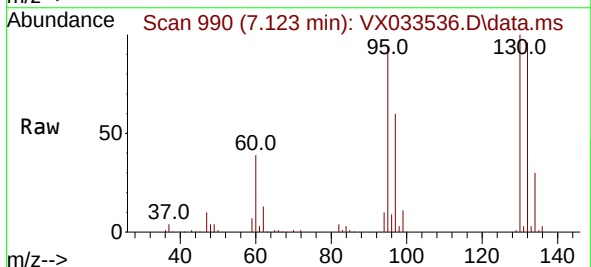
Manual Integrations
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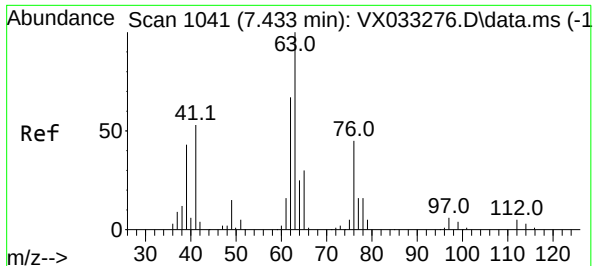
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#44
Trichloroethene
Concen: 54.607 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

Tgt Ion:130 Resp: 91478
Ion Ratio Lower Upper
130 100
95 94.4 0.0 195.2





#45

1,2-Dichloropropane

Concen: 50.414 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX033536.D

Acq: 21 Dec 2022 16:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 78338

Ion Ratio Lower Upper

63 100

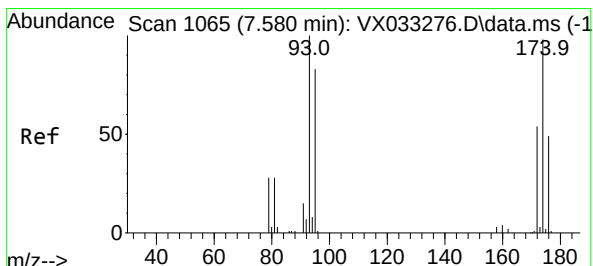
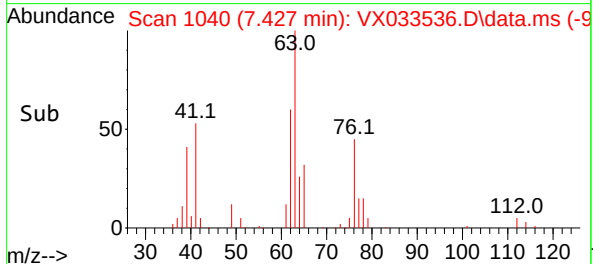
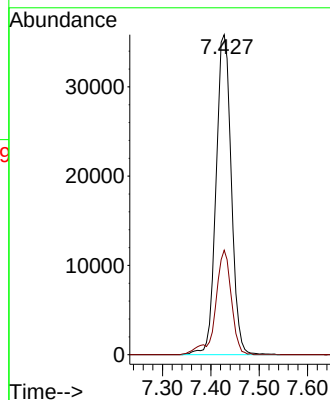
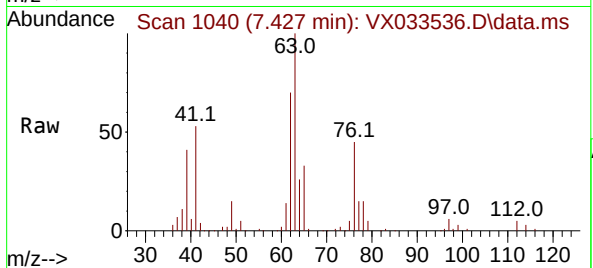
65 32.6 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#46

Dibromomethane

Concen: 50.640 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033536.D

Acq: 21 Dec 2022 16:31

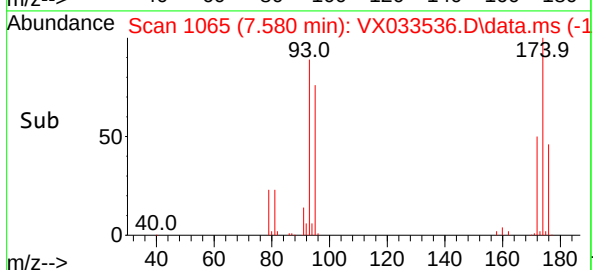
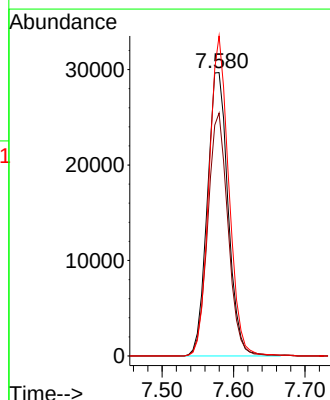
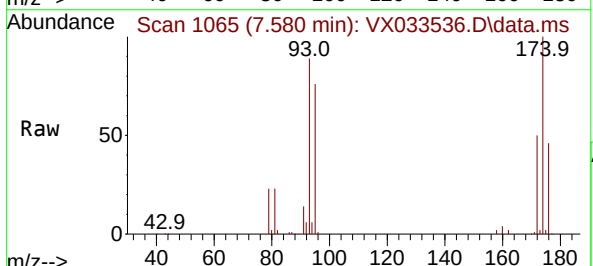
Tgt Ion: 93 Resp: 59943

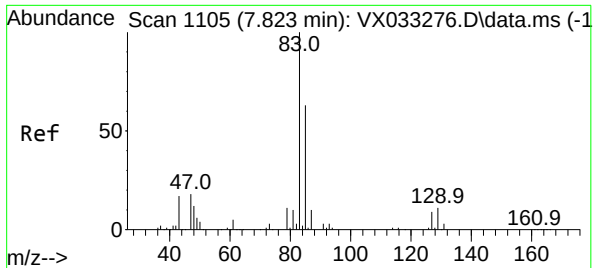
Ion Ratio Lower Upper

93 100

95 83.2 65.8 98.8

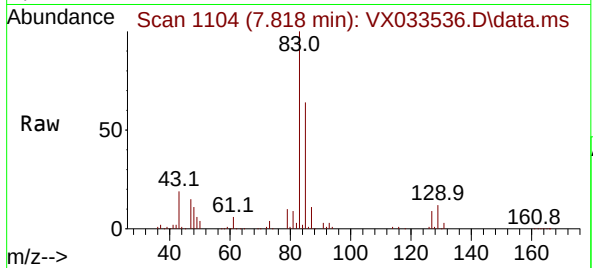
174 107.4 79.8 119.6





#47
Bromodichloromethane
Concen: 51.953 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

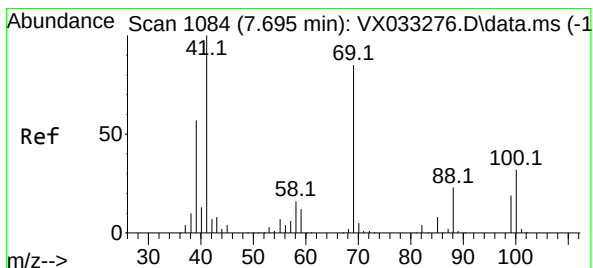
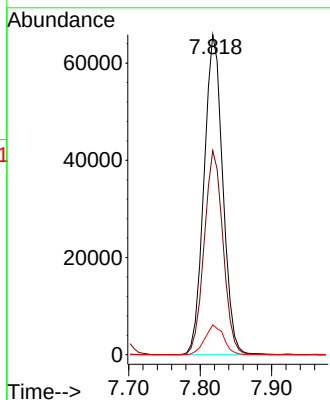
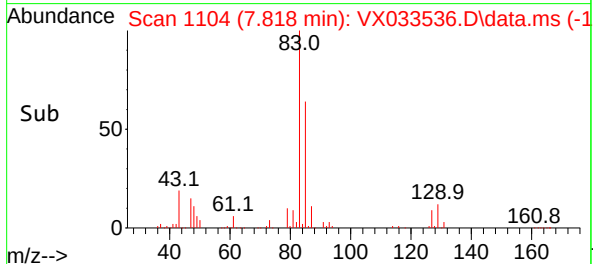
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



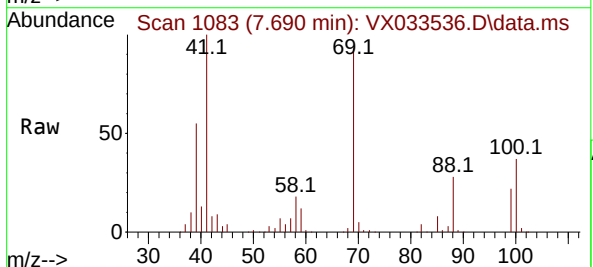
Tgt Ion: 83 Resp: 119878
Ion Ratio Lower Upper
83 100
85 63.8 52.2 78.4
127 9.3 7.4 11.2

Manual Integrations
APPROVED

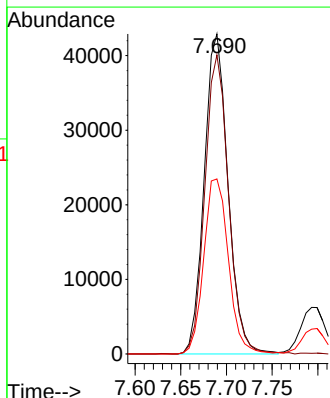
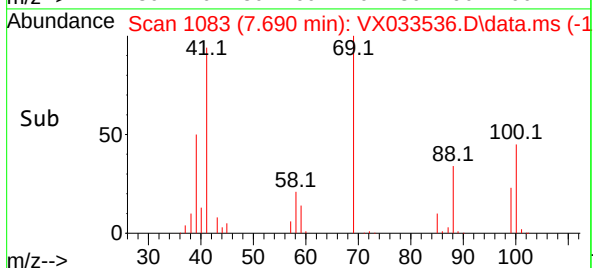
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

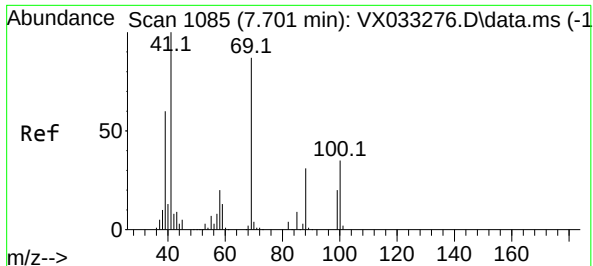


#48
Methyl methacrylate
Concen: 47.494 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31



Tgt Ion: 41 Resp: 77690
Ion Ratio Lower Upper
41 100
69 92.9 65.1 97.7
39 56.7 51.9 77.9





#49

1,4-Dioxane

Concen: 866.882 ug/l

RT: 7.683 min Scan# 1085

Delta R.T. -0.018 min

Lab File: VX033536.D

Acq: 21 Dec 2022 16:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 32336

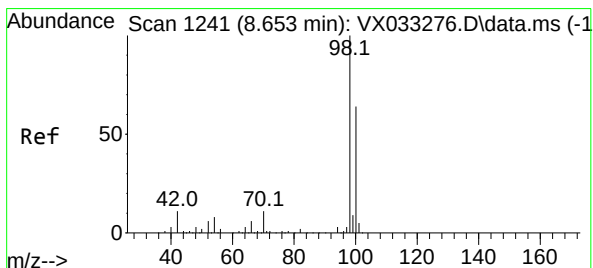
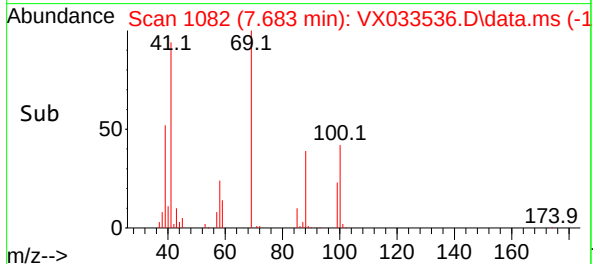
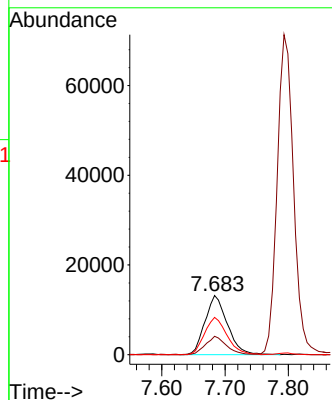
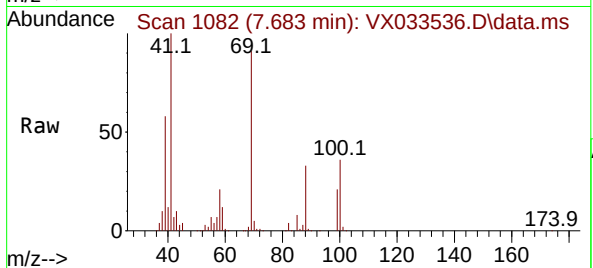
Ion	Ratio	Lower	Upper
88	100		
43	29.2	26.6	39.8
58	63.2	51.7	77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#50

Toluene-d8

Concen: 48.656 ug/l

RT: 8.647 min Scan# 1240

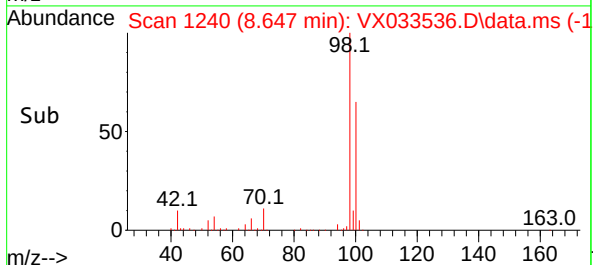
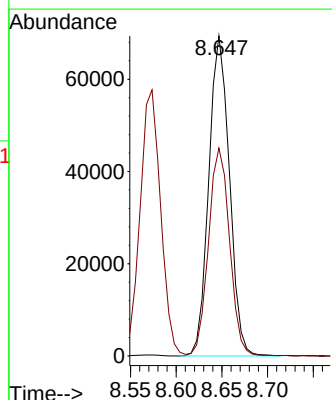
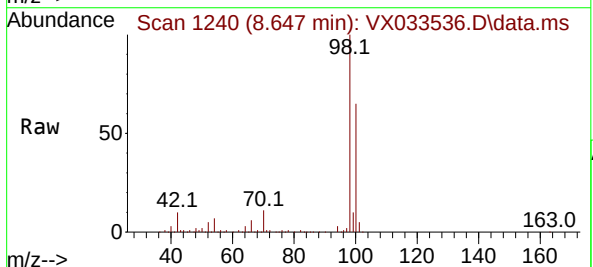
Delta R.T. -0.006 min

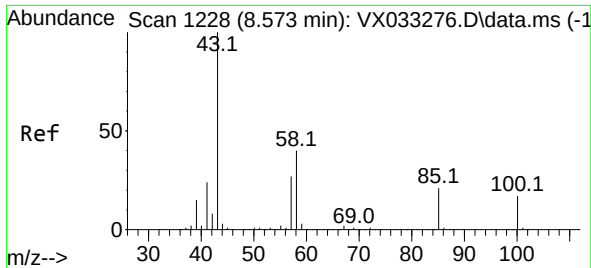
Lab File: VX033536.D

Acq: 21 Dec 2022 16:31

Tgt Ion: 98 Resp: 108794

Ion	Ratio	Lower	Upper
98	100		
100	66.4	50.9	76.3





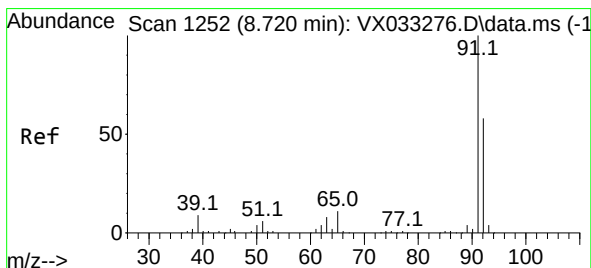
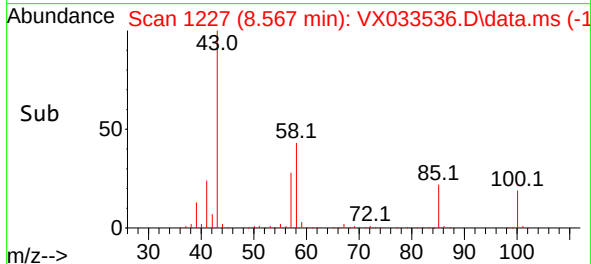
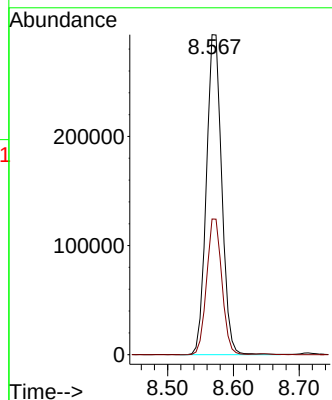
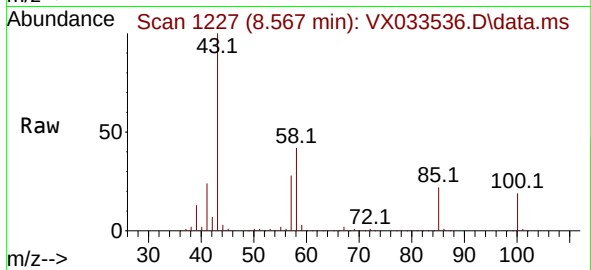
#51
4-Methyl-2-Pentanone
Concen: 237.445 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 47592
Ion Ratio Lower Upper
43 100
58 42.2 30.9 46.3

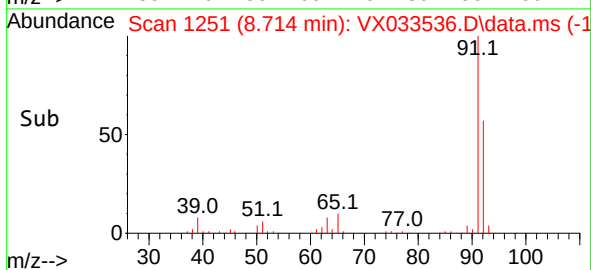
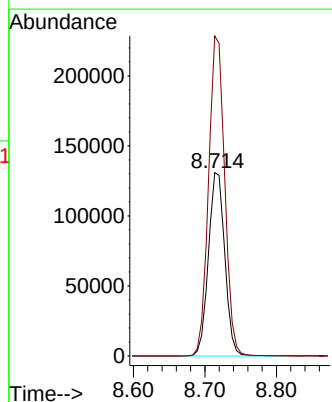
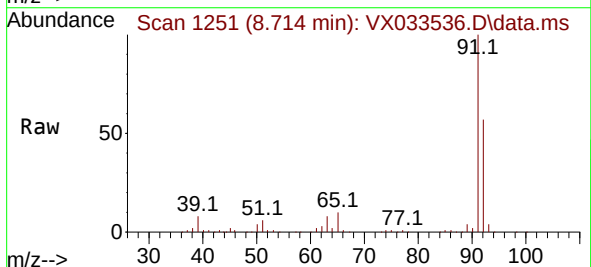
Manual Integrations
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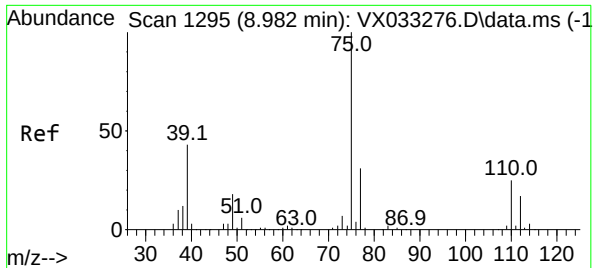
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#52
Toluene
Concen: 52.857 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

Tgt Ion: 92 Resp: 207646
Ion Ratio Lower Upper
92 100
91 172.8 138.3 207.5





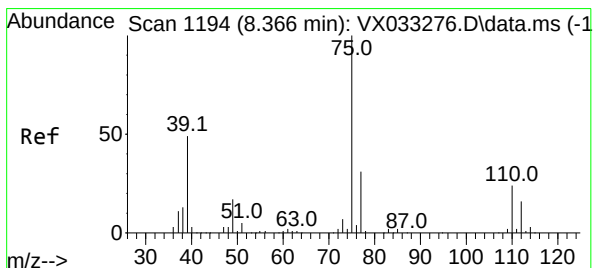
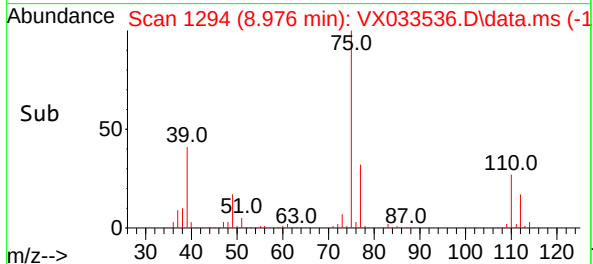
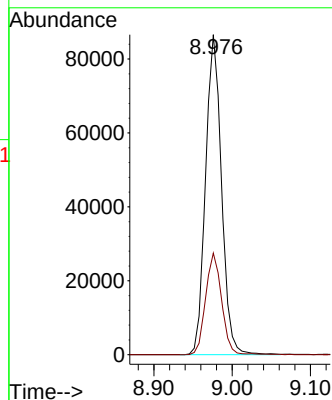
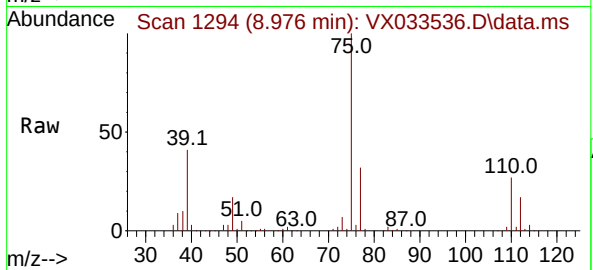
#53
 t-1,3-Dichloropropene
 Concen: 49.364 ug/l
 RT: 8.976 min Scan# 1295
 Delta R.T. -0.006 min
 Lab File: VX033536.D
 Acq: 21 Dec 2022 16:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 122279
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.1 37.7

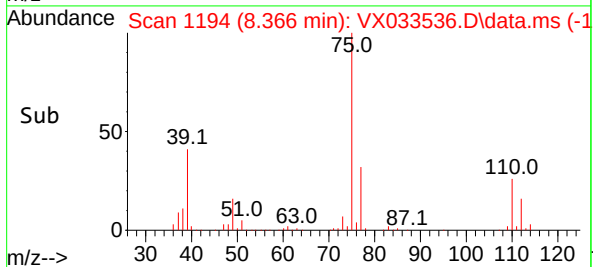
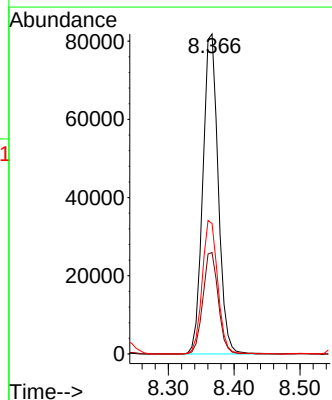
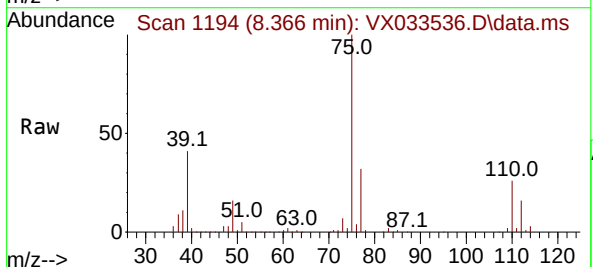
Manual Integrations
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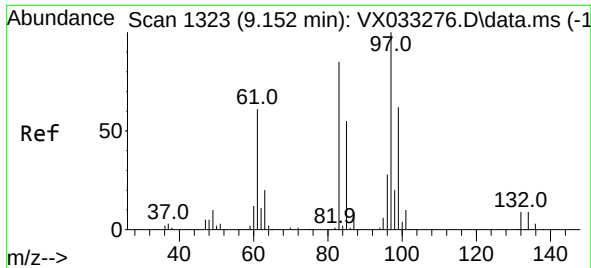
Reviewed By :John Carlone 12/22/2022
 Supervised By :Mahesh Dadoda 12/22/2022



#54
 cis-1,3-Dichloropropene
 Concen: 54.232 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX033536.D
 Acq: 21 Dec 2022 16:31

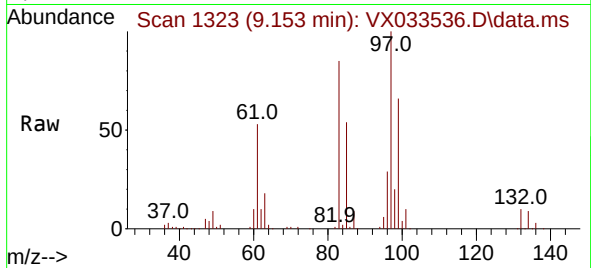
Tgt Ion: 75 Resp: 133160
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.1 37.7
 39 40.7 45.5 68.3#





#55
1,1,2-Trichloroethane
Concen: 52.666 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

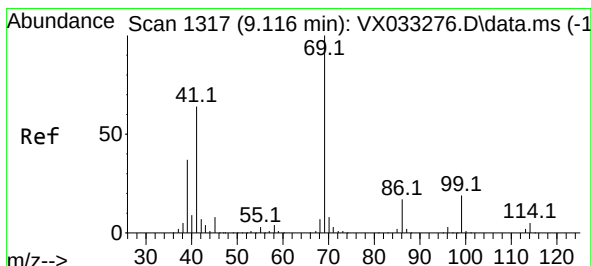
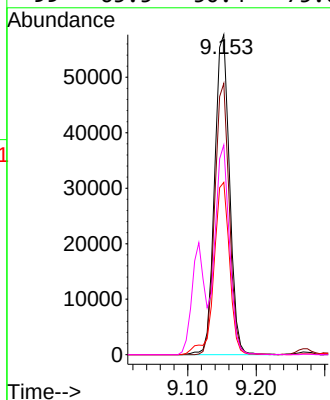
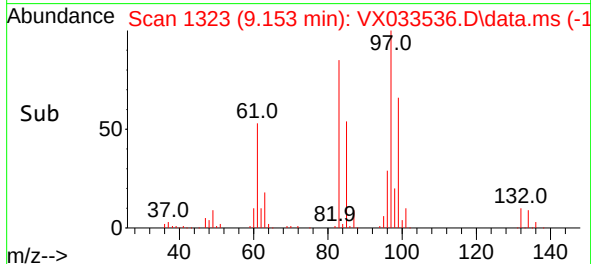
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



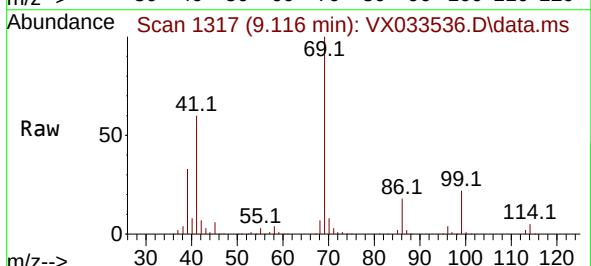
Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.7	68.1	102.1
85	53.8	43.3	64.9
99	65.5	50.4	75.6

Manual Integrations
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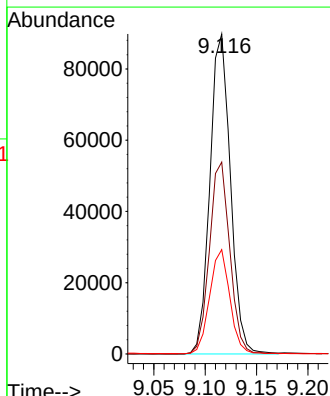
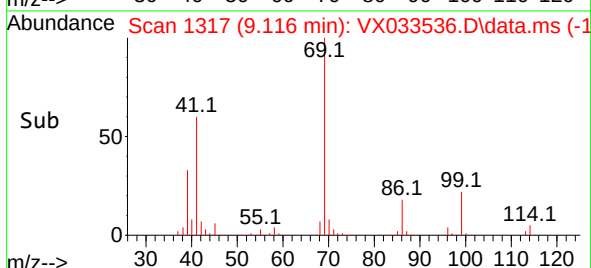
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

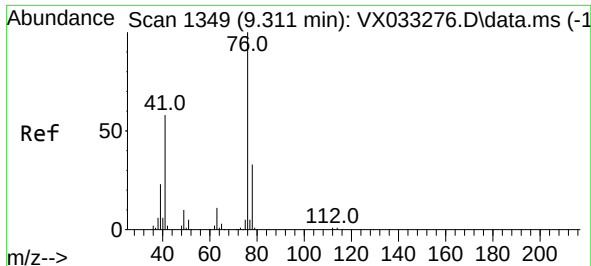


#56
Ethyl methacrylate
Concen: 53.572 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31



Tgt Ion	Ratio	Lower	Upper
69	100		
41	59.9	54.3	81.5
39	32.1	35.2	52.8





#57

1,3-Dichloropropane

Concen: 50.683 ug/l

RT: 9.305 min Scan# 113445

Delta R.T. -0.006 min

Lab File: VX033536.D

Acq: 21 Dec 2022 16:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 13445

Ion Ratio Lower Upper

76 100

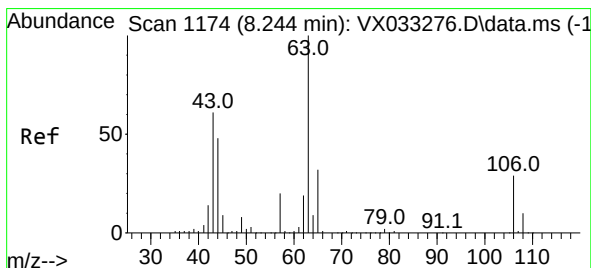
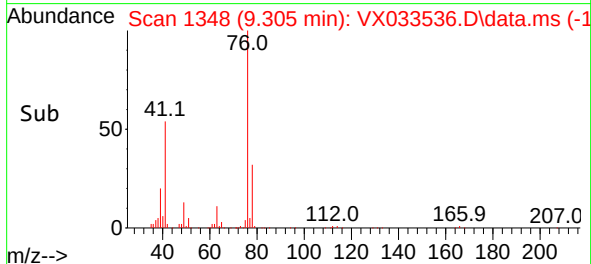
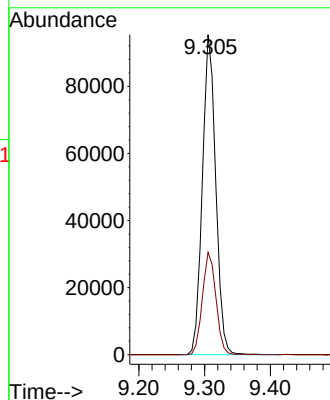
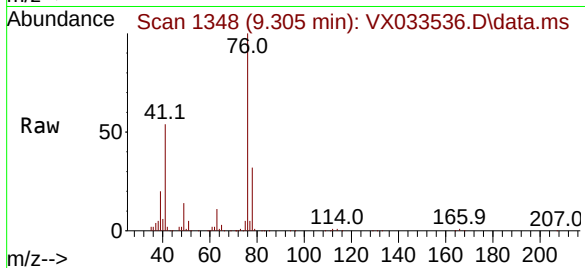
78 32.4 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#58

2-Chloroethyl Vinyl ether

Concen: 251.980 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX033536.D

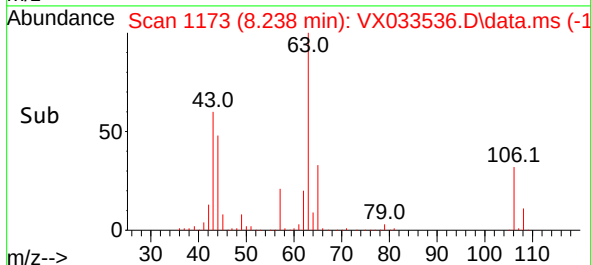
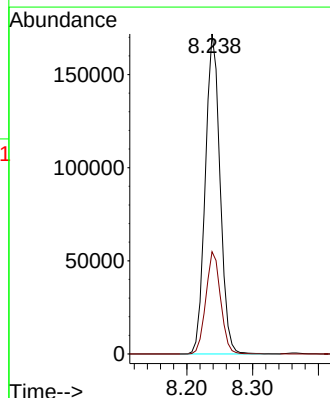
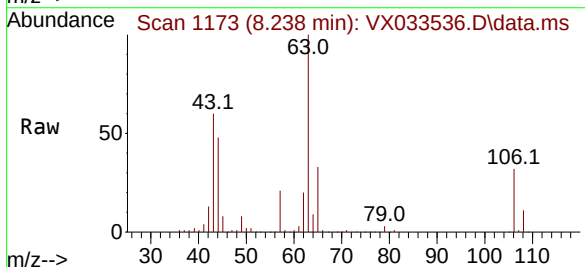
Acq: 21 Dec 2022 16:31

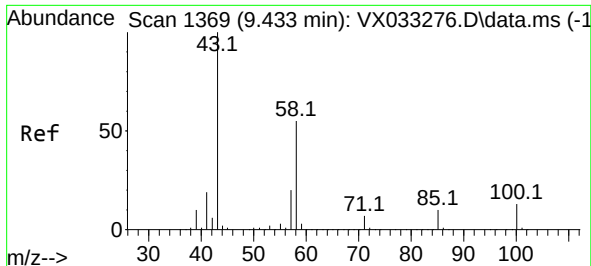
Tgt Ion: 63 Resp: 268067

Ion Ratio Lower Upper

63 100

106 31.9 23.3 34.9





#59

2-Hexanone

Concen: 242.115 ug/l

RT: 9.427 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033536.D

Acq: 21 Dec 2022 16:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 357624

Ion Ratio Lower Upper

43 100

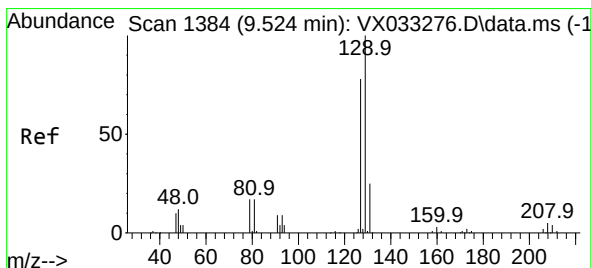
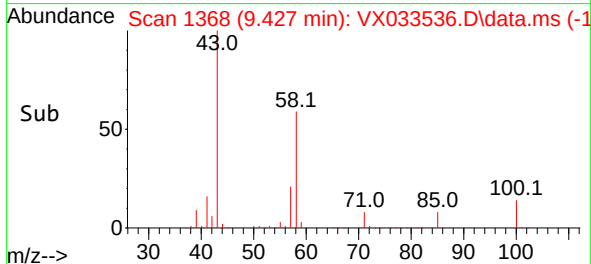
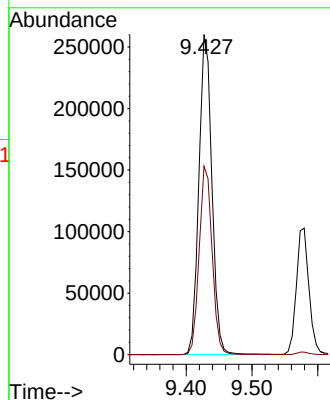
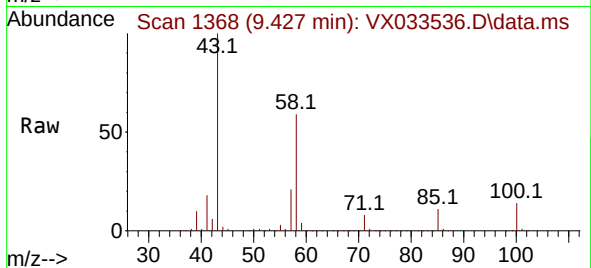
58 58.9 26.5 79.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#60

Dibromochloromethane

Concen: 54.506 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX033536.D

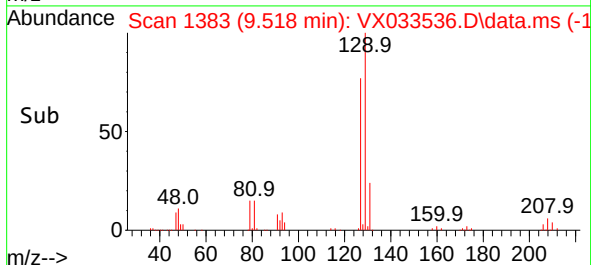
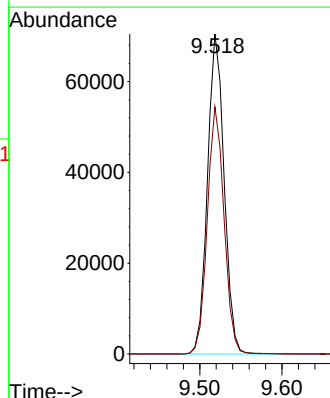
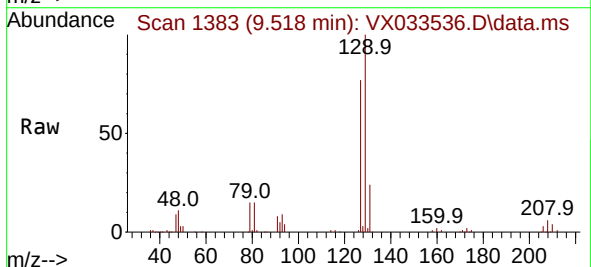
Acq: 21 Dec 2022 16:31

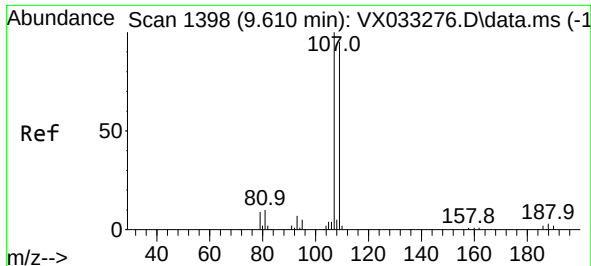
Tgt Ion:129 Resp: 99169

Ion Ratio Lower Upper

129 100

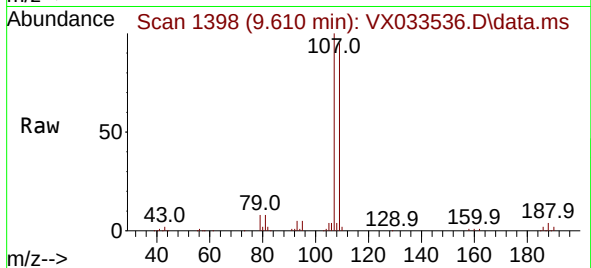
127 77.6 38.6 115.8





#61
1,2-Dibromoethane
Concen: 53.096 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

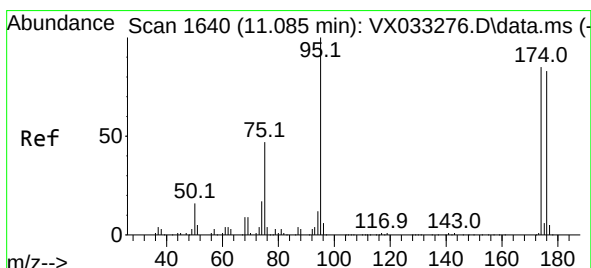
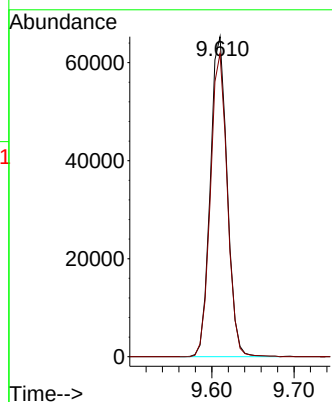
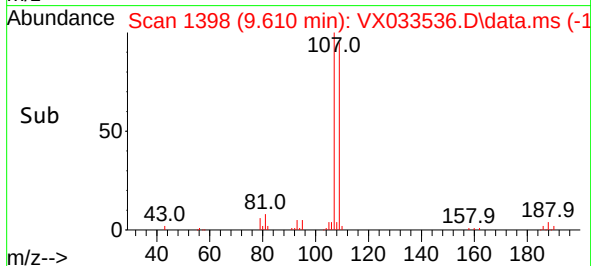
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



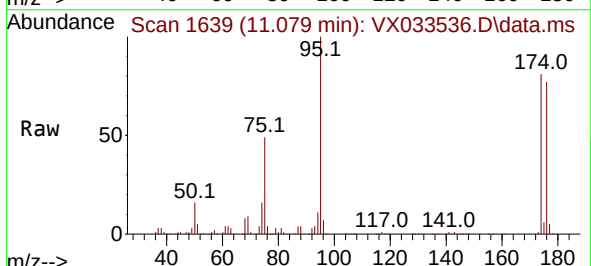
Tgt Ion:107 Resp: 93264
Ion Ratio Lower Upper
107 100
109 94.7 76.0 114.0

Manual Integrations
APPROVED

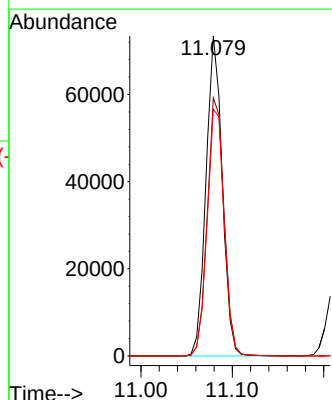
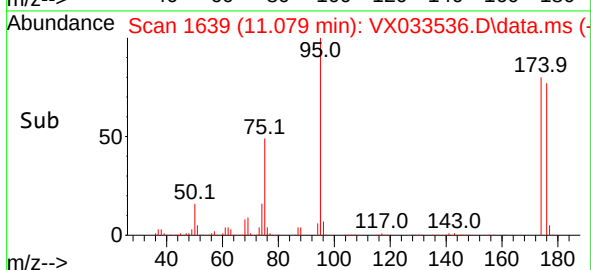
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

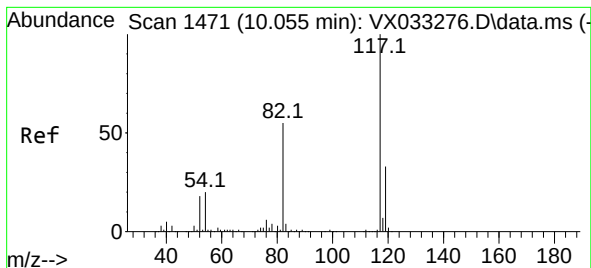


#62
4-Bromofluorobenzene
Concen: 52.739 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31



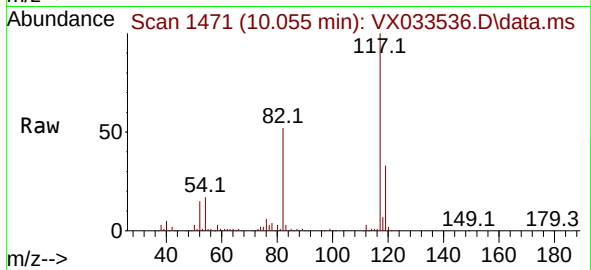
Tgt Ion: 95 Resp: 90165
Ion Ratio Lower Upper
95 100
174 83.9 0.0 164.0
176 81.1 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

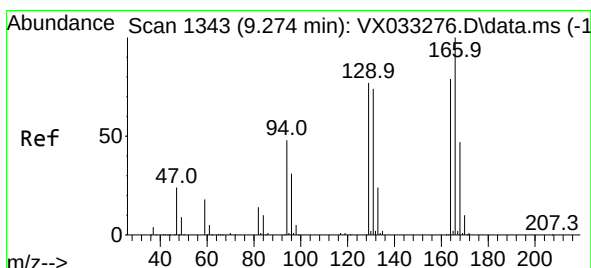
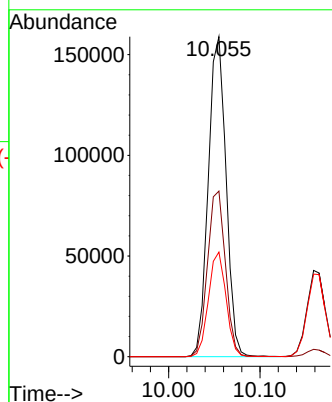
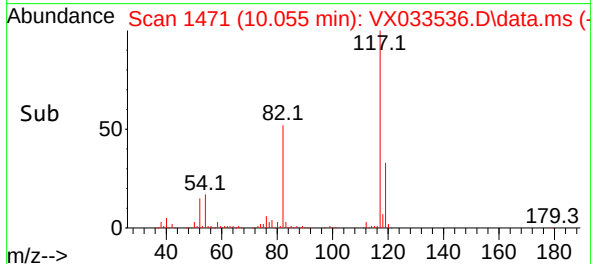
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 214224
Ion Ratio Lower Upper
117 100
82 51.7 44.3 66.5
119 32.7 25.7 38.5

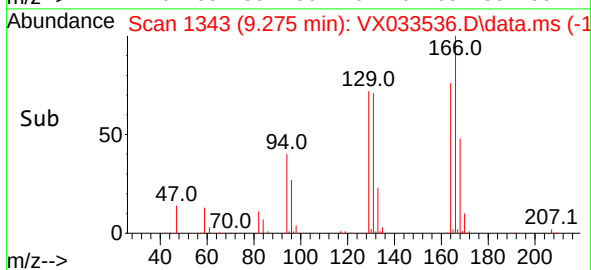
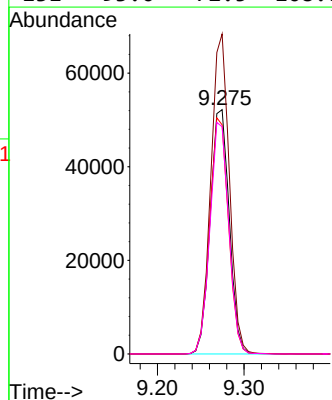
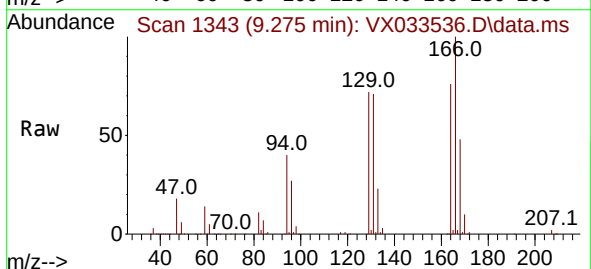
Manual Integrations
APPROVED

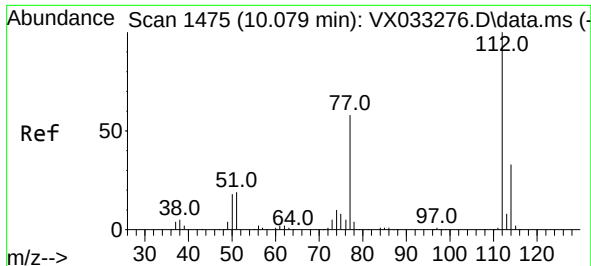
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#64
Tetrachloroethene
Concen: 54.434 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

Tgt Ion:164 Resp: 79737
Ion Ratio Lower Upper
164 100
166 131.0 105.4 158.2
129 93.8 78.2 117.2
131 93.0 72.5 108.7





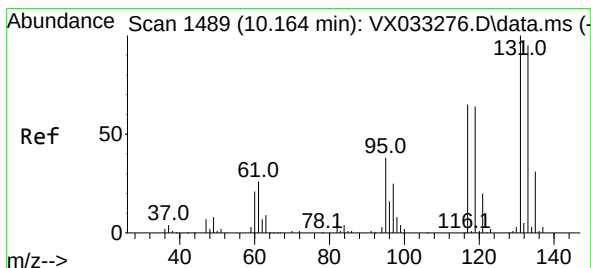
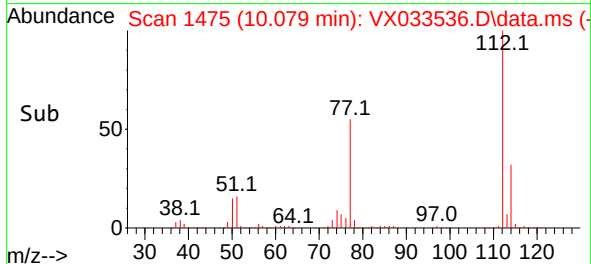
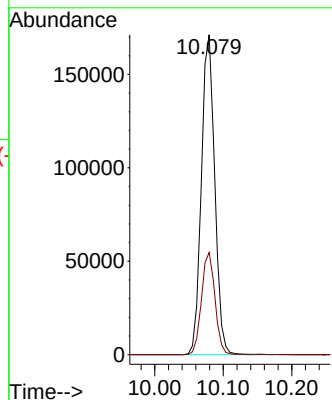
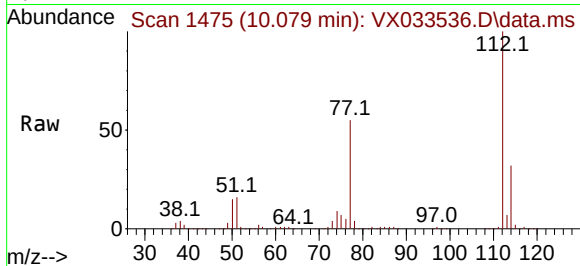
#65
Chlorobenzene
Concen: 53.654 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 23275
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2

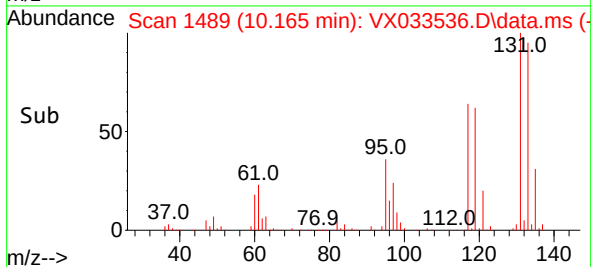
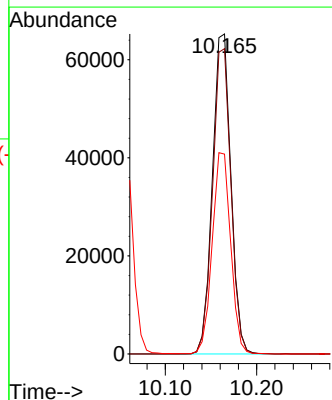
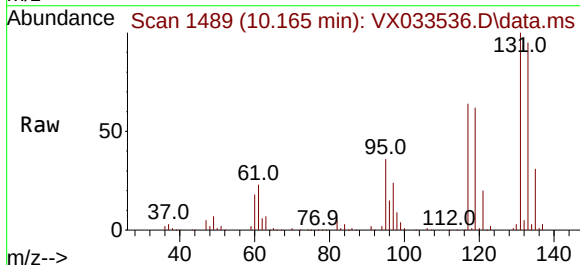
Manual Integrations
APPROVED

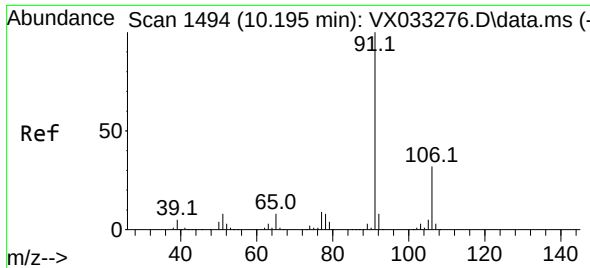
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 55.840 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

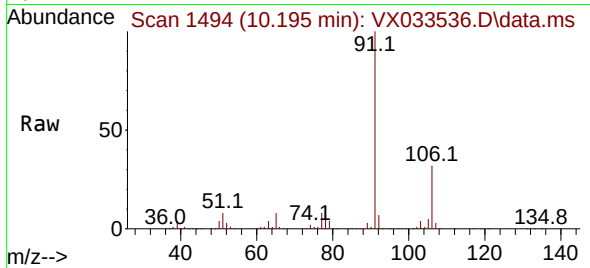
Tgt Ion:131 Resp: 91543
Ion Ratio Lower Upper
131 100
133 94.8 47.6 142.9
119 62.9 32.4 97.0





#67
Ethyl Benzene
Concen: 54.209 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

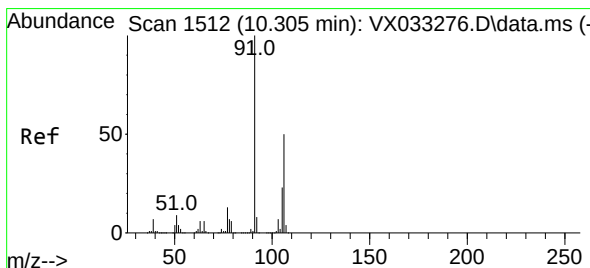
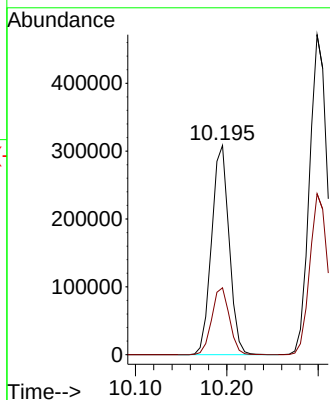
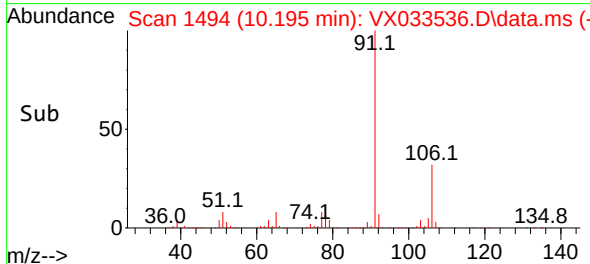
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



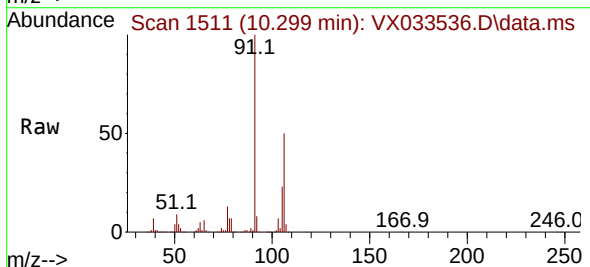
Tgt Ion: 91 Resp: 409685
Ion Ratio Lower Upper
91 100
106 31.9 25.0 37.6

Manual Integrations
APPROVED

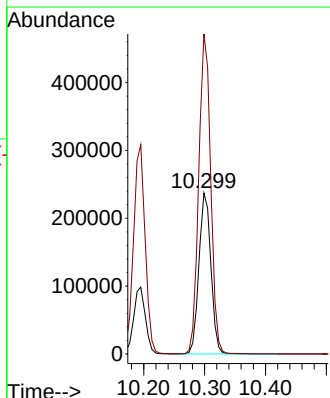
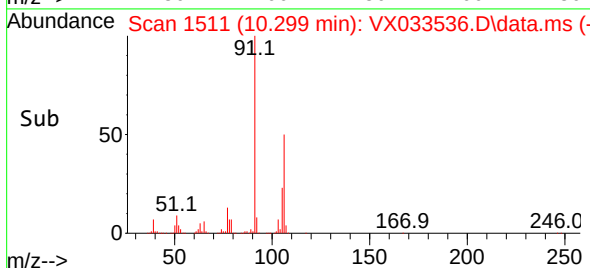
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

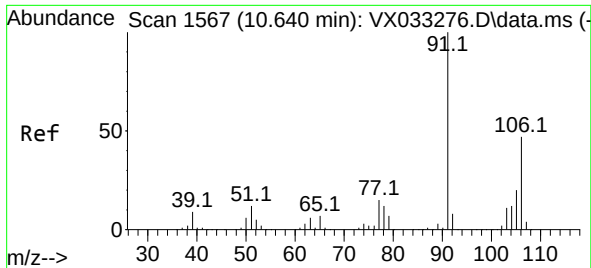


#68
m/p-Xylenes
Concen: 109.584 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31



Tgt Ion:106 Resp: 322221
Ion Ratio Lower Upper
106 100
91 199.0 164.5 246.7





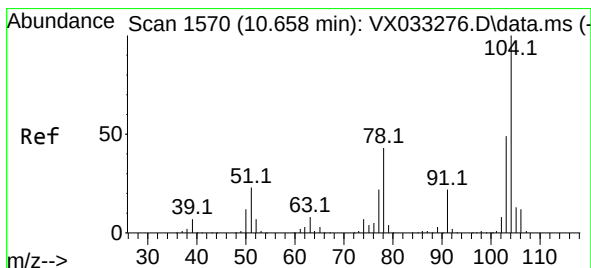
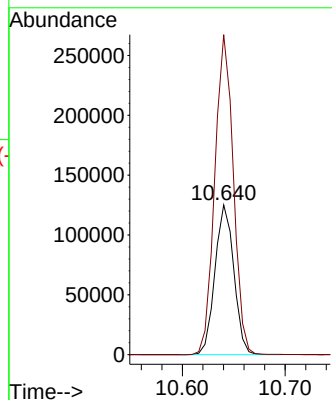
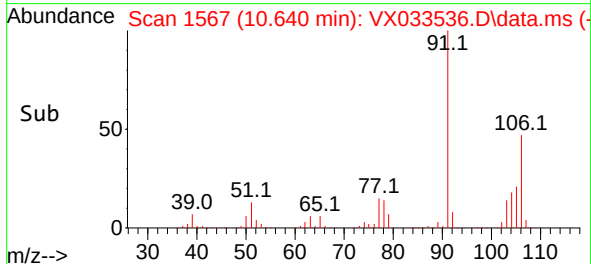
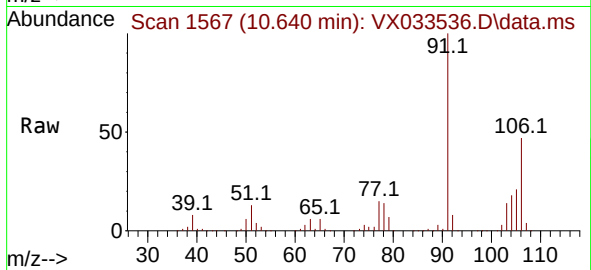
#69
o-Xylene
Concen: 54.824 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 15934
Ion Ratio Lower Upper
106 100
91 210.4 109.2 327.6

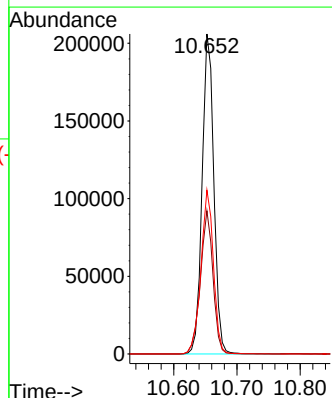
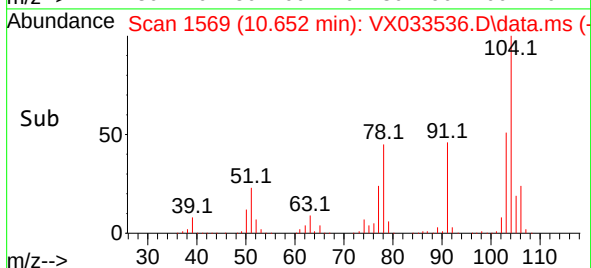
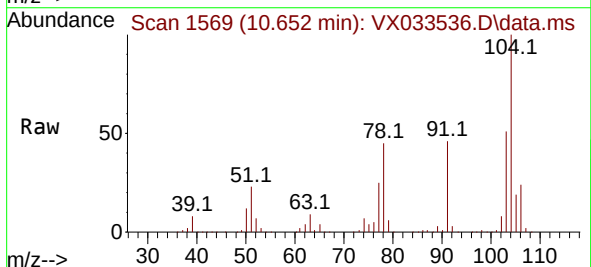
Manual Integrations
APPROVED

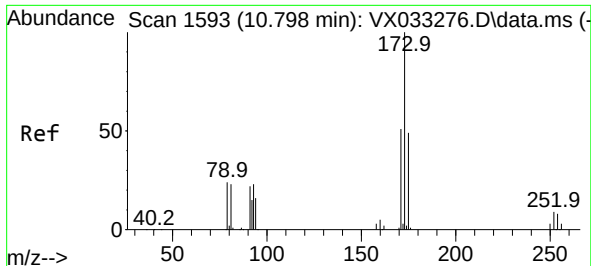
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#70
Styrene
Concen: 55.865 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

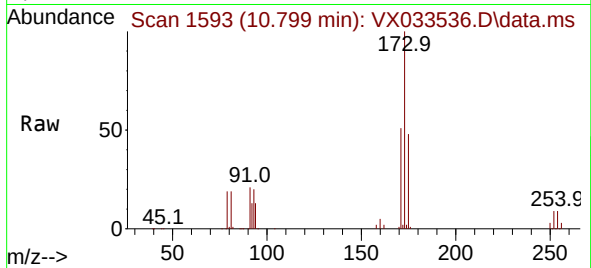
Tgt Ion:104 Resp: 265922
Ion Ratio Lower Upper
104 100
78 48.0 41.8 62.8
103 54.8 44.5 66.7





#71
Bromoform
Concen: 56.712 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

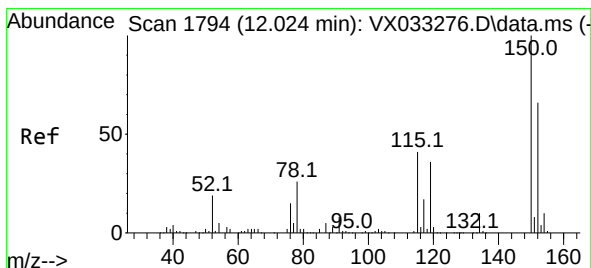
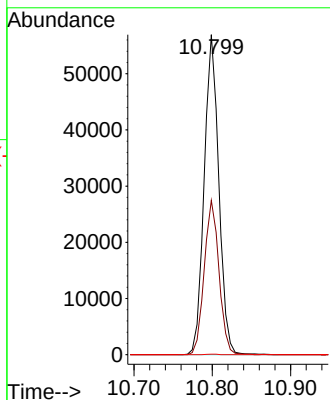
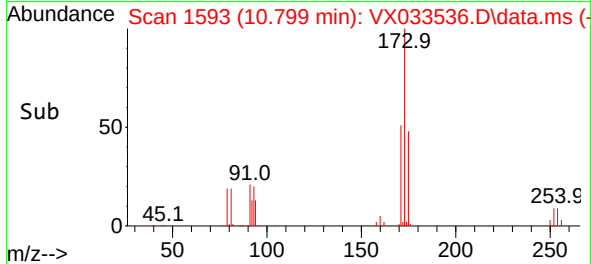
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 73592
Ion Ratio Lower Upper
173 100
175 48.7 23.9 71.8
254 0.1 0.0 0.0

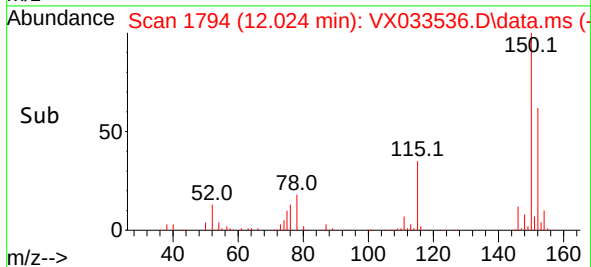
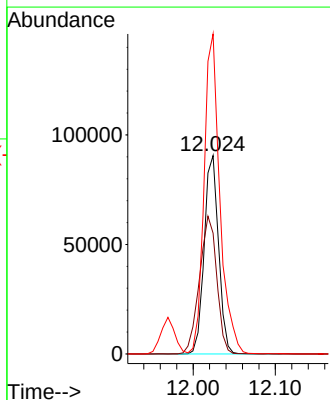
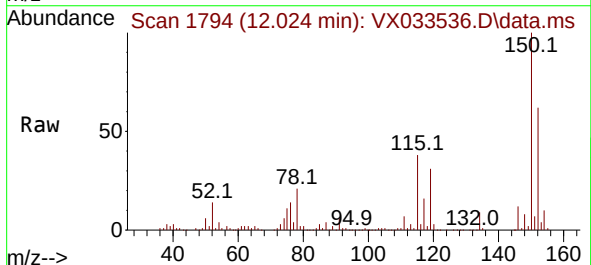
Manual Integrations
APPROVED

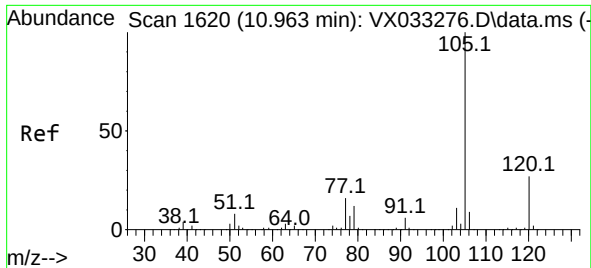
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

Tgt Ion:152 Resp: 109766
Ion Ratio Lower Upper
152 100
115 83.9 44.0 132.0
150 177.4 0.0 351.8





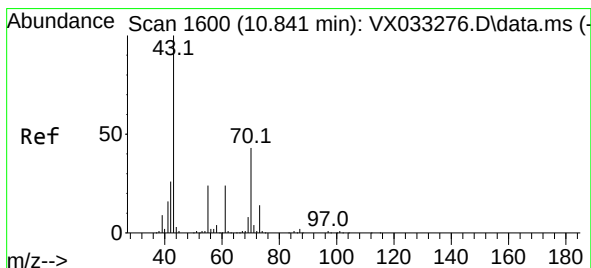
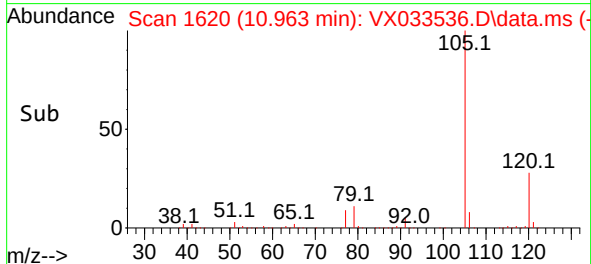
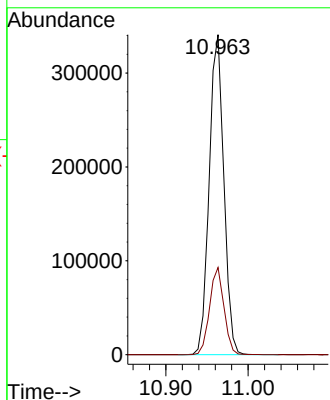
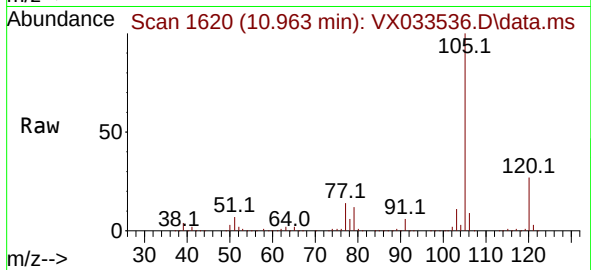
#73
Isopropylbenzene
Concen: 53.011 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 421749
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.3

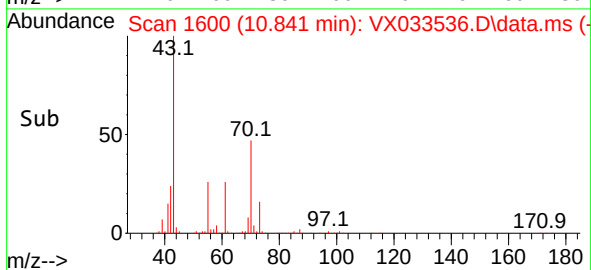
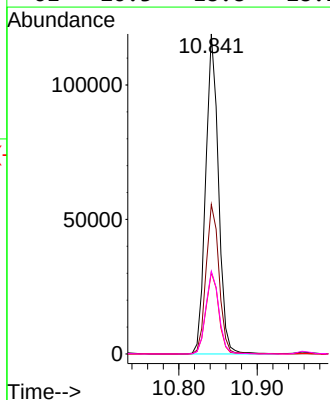
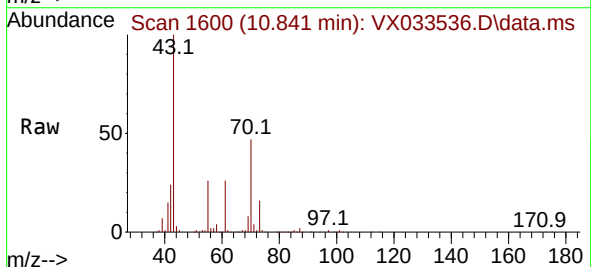
Manual Integrations
APPROVED

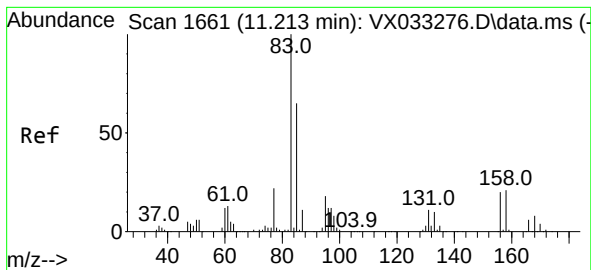
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#74
N-ethyl acetate
Concen: 49.562 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

Tgt Ion: 43 Resp: 134531
Ion Ratio Lower Upper
43 100
70 47.7 33.6 50.4
55 25.6 19.4 29.2
61 26.3 18.8 28.2





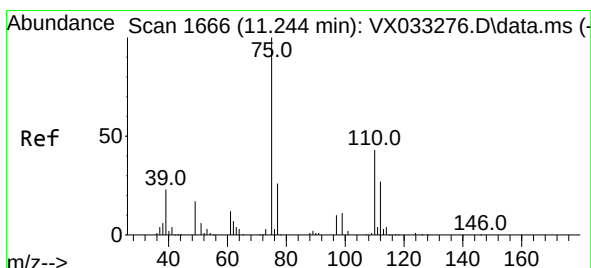
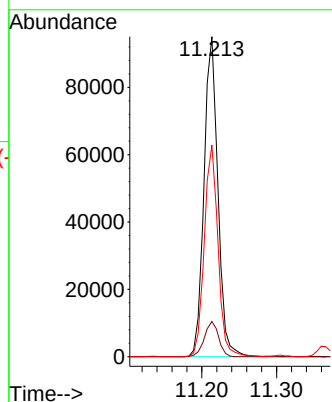
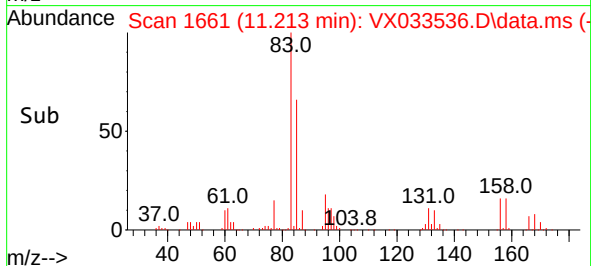
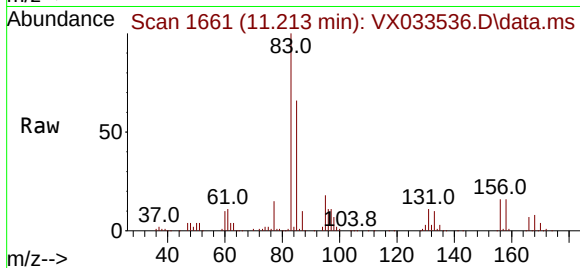
#75
1,1,2,2-Tetrachloroethane
Concen: 48.608 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 12268
Ion Ratio Lower Upper
83 100
131 11.2 5.4 16.2
85 65.3 31.9 95.9

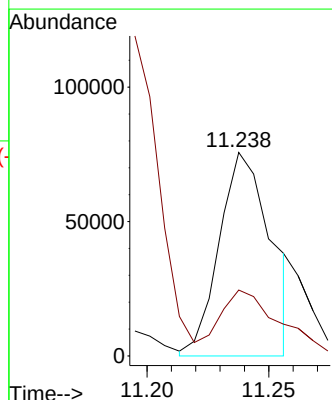
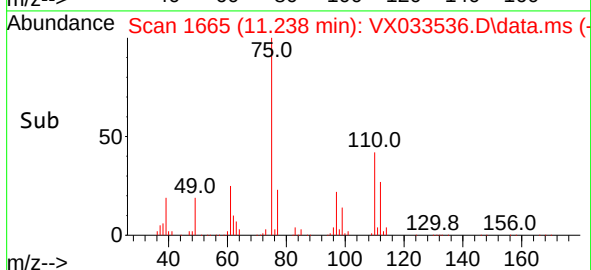
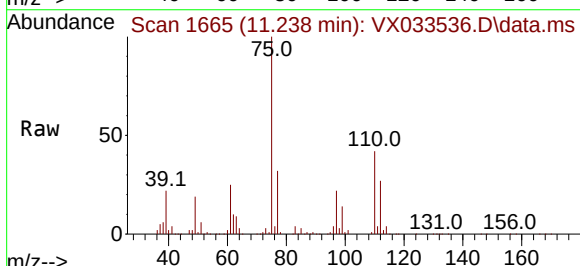
Manual Integrations
APPROVED

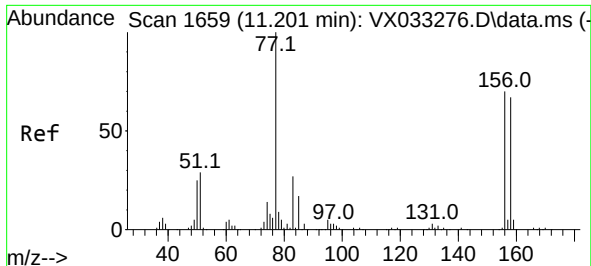
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#76
1,2,3-Trichloropropane
Concen: 50.008 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

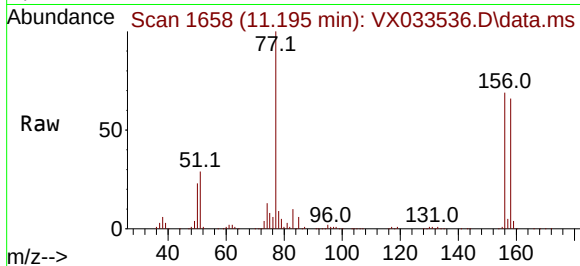
Tgt Ion: 75 Resp: 111678
Ion Ratio Lower Upper
75 100
77 38.1 20.0 60.0





#77
Bromobenzene
Concen: 52.521 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

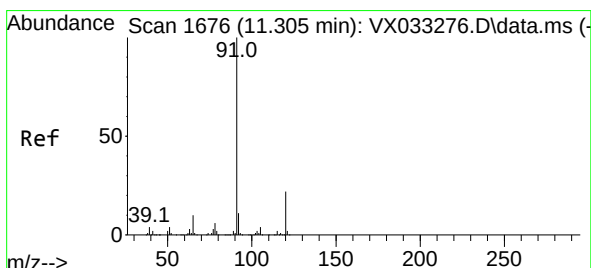
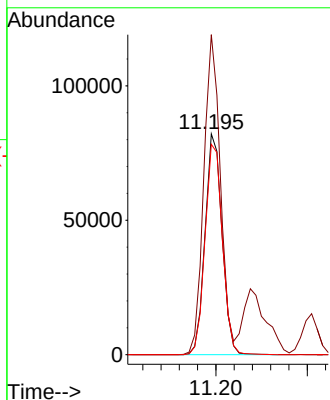
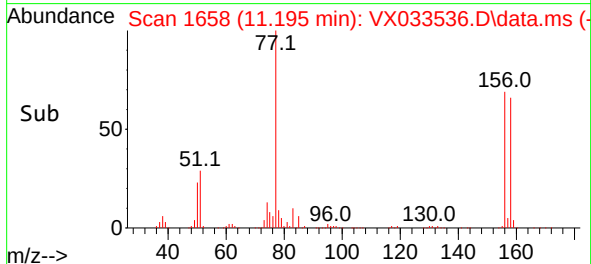
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



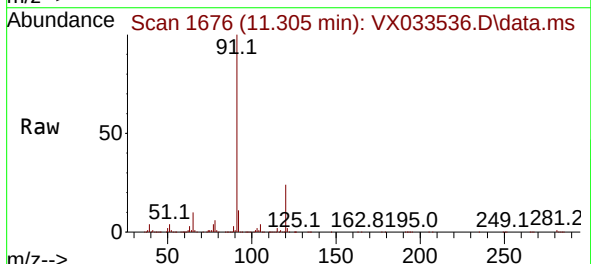
Tgt Ion:156 Resp: 105519
Ion Ratio Lower Upper
156 100
77 141.6 76.1 228.4
158 97.7 48.8 146.3

Manual Integrations
APPROVED

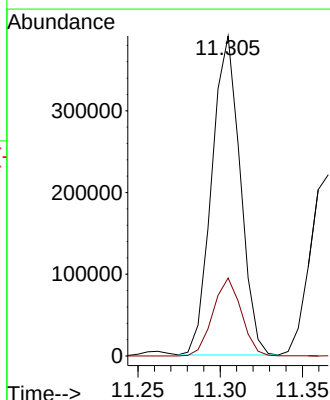
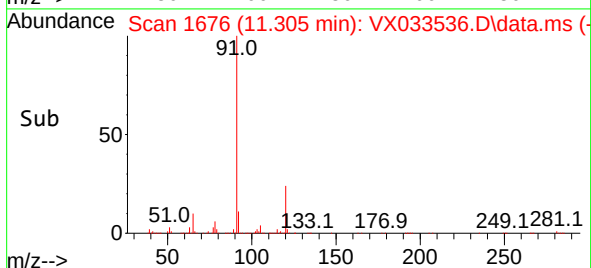
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

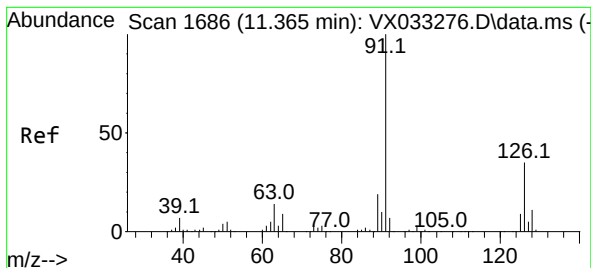


#78
n-propylbenzene
Concen: 52.935 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31



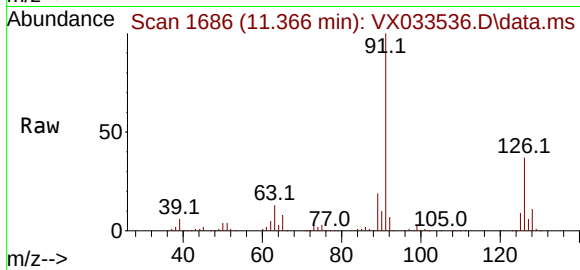
Tgt Ion: 91 Resp: 470252
Ion Ratio Lower Upper
91 100
120 24.3 11.6 34.8





#79
2-Chlorotoluene
Concen: 51.308 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

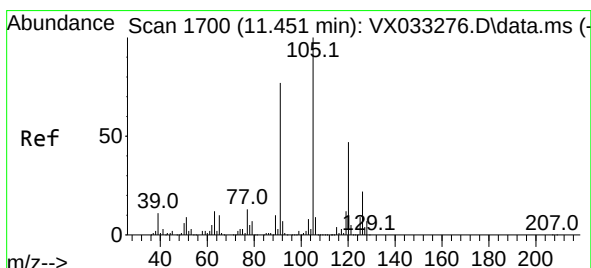
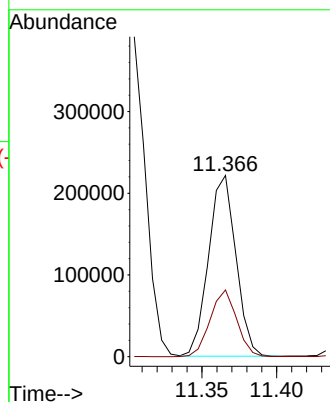
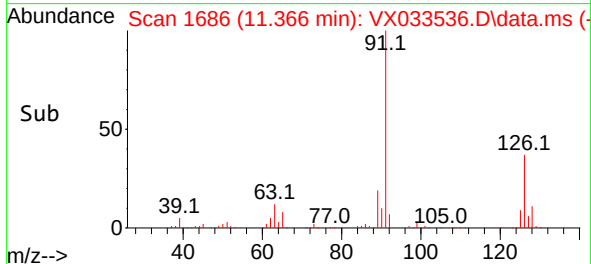
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



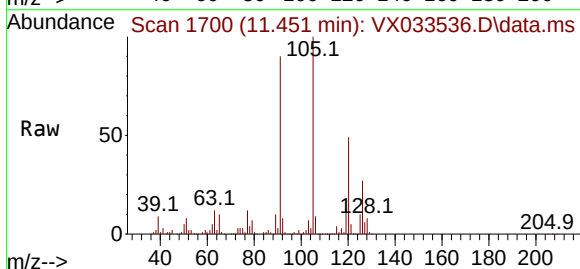
Tgt Ion: 91 Resp: 281680
Ion Ratio Lower Upper
91 100
126 35.8 17.1 51.2

Manual Integrations
APPROVED

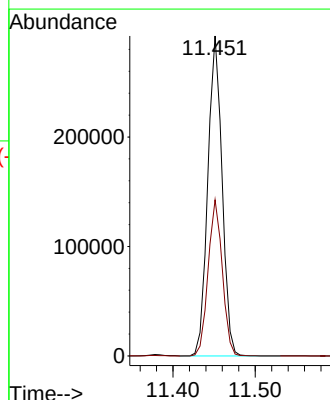
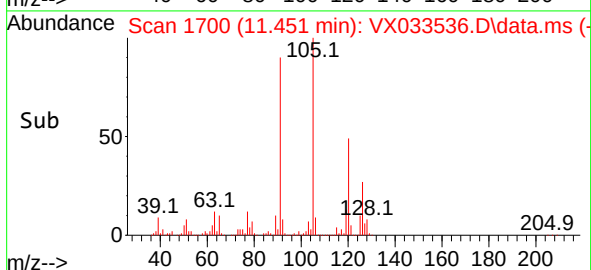
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

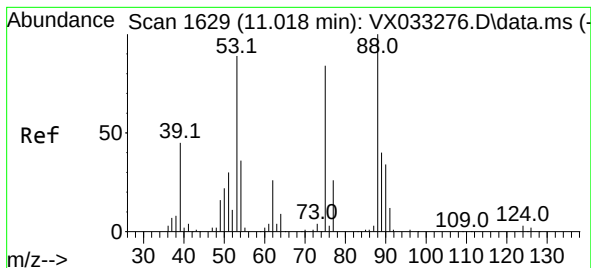


#80
1,3,5-Trimethylbenzene
Concen: 53.021 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31



Tgt Ion:105 Resp: 351137
Ion Ratio Lower Upper
105 100
120 48.6 23.6 71.0





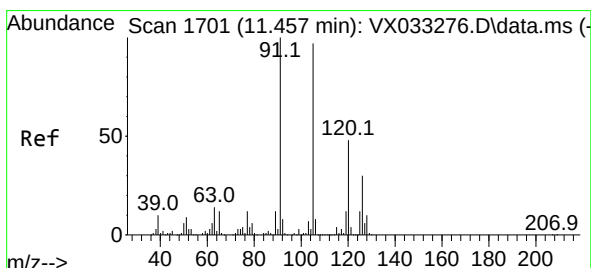
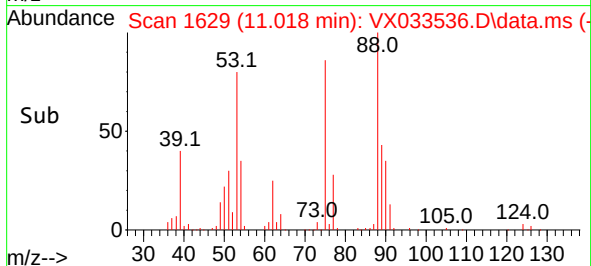
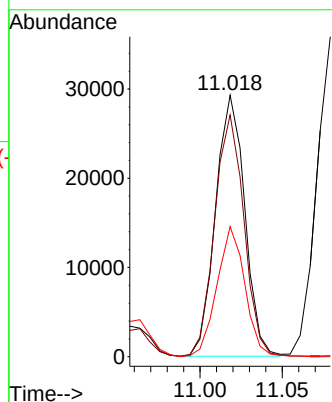
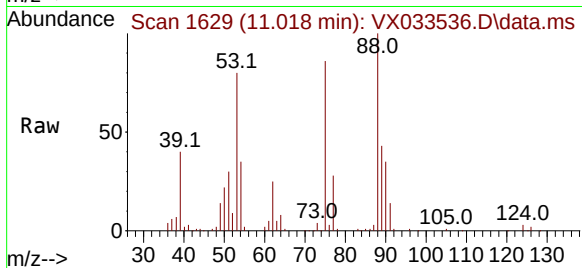
#81
trans-1,4-Dichloro-2-butene
Concen: 50.319 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 36129
Ion Ratio Lower Upper
75 100
53 92.6 86.9 130.3
89 47.8 38.3 57.5

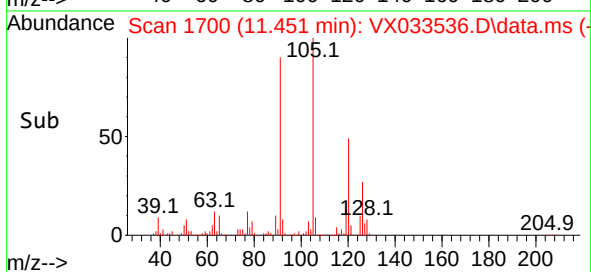
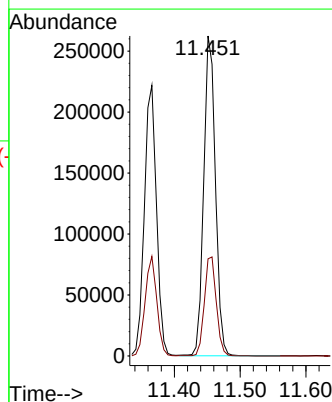
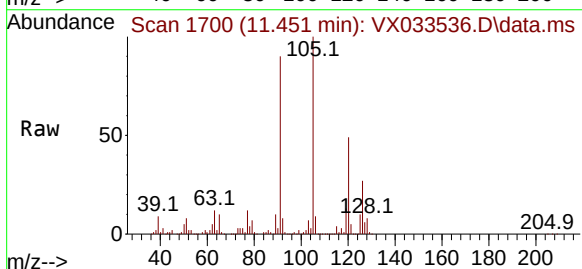
Manual Integrations
APPROVED

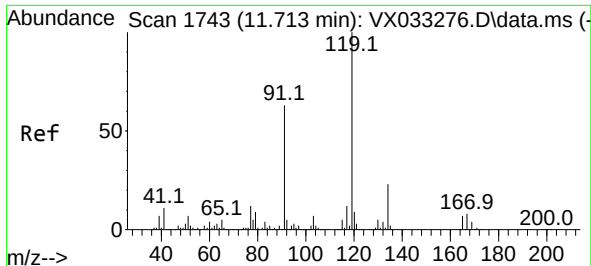
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#82
4-Chlorotoluene
Concen: 50.925 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

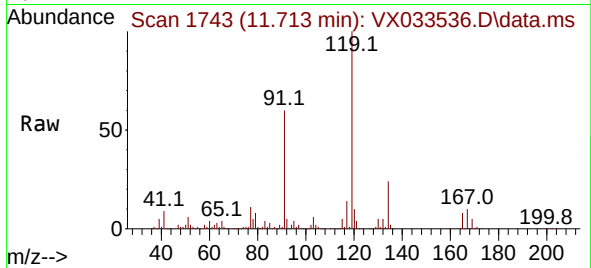
Tgt Ion: 91 Resp: 325102
Ion Ratio Lower Upper
91 100
126 31.6 14.8 44.4





#83
tert-Butylbenzene
Concen: 53.471 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

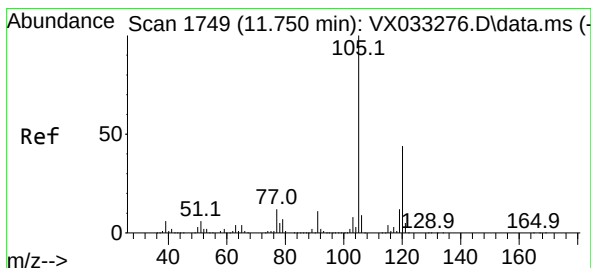
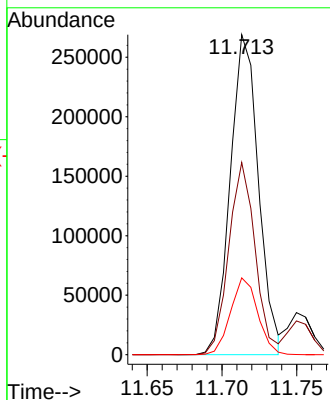
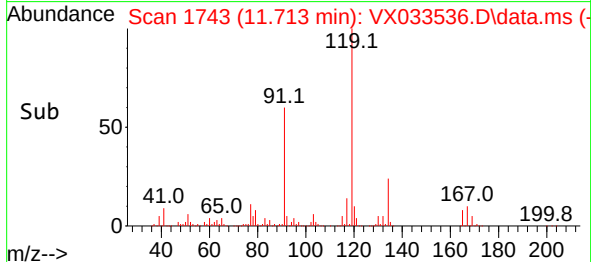
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



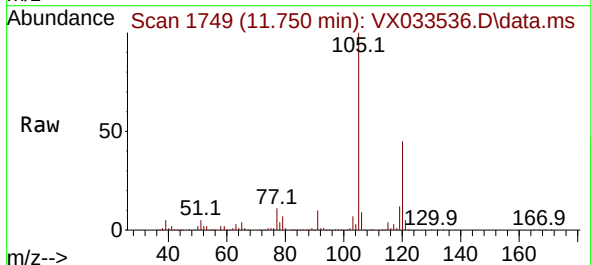
Tgt Ion:119 Resp: 353120
Ion Ratio Lower Upper
119 100
91 56.3 29.4 88.2
134 23.1 11.0 33.0

Manual Integrations
APPROVED

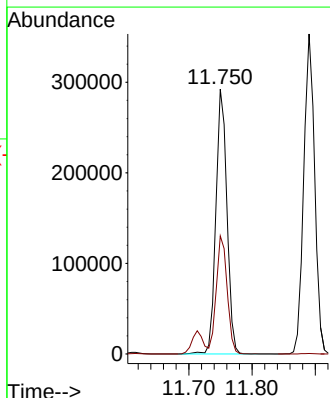
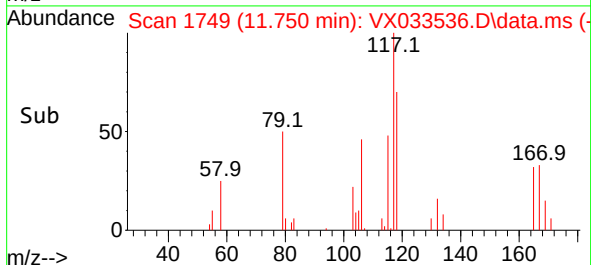
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

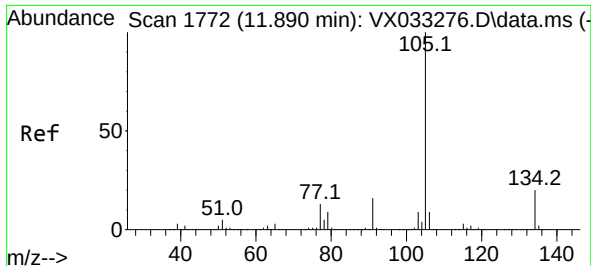


#84
1,2,4-Trimethylbenzene
Concen: 53.407 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31



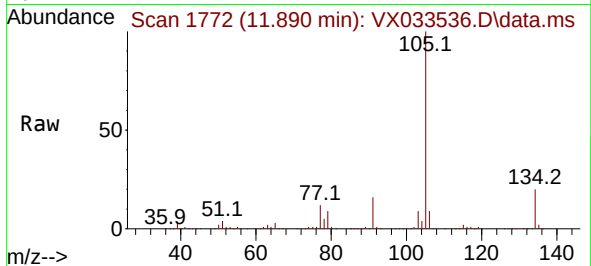
Tgt Ion:105 Resp: 353055
Ion Ratio Lower Upper
105 100
120 43.9 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 54.790 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033536.D
 Acq: 21 Dec 2022 16:31

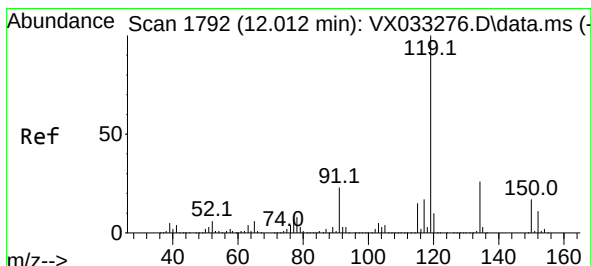
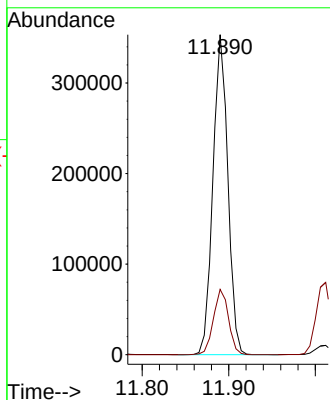
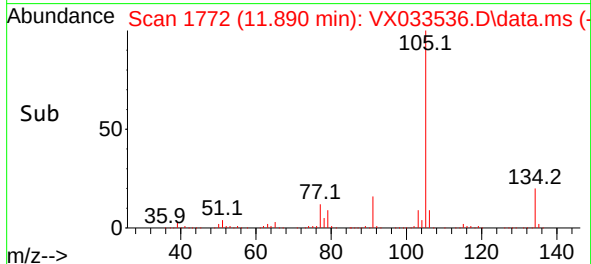
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



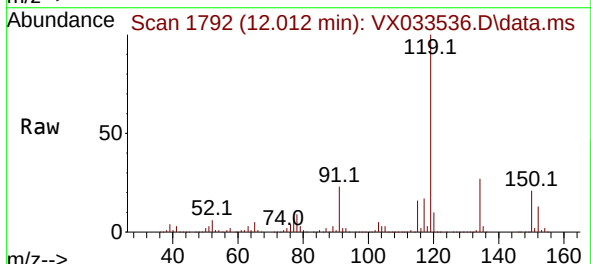
Tgt Ion:105 Resp: 422165
 Ion Ratio Lower Upper
 105 100
 134 20.7 9.9 29.7

Manual Integrations
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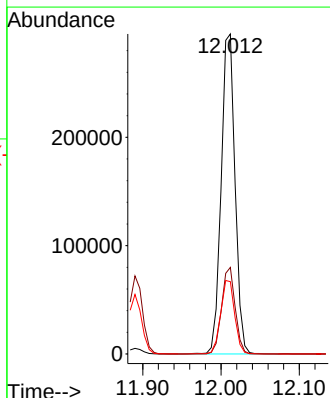
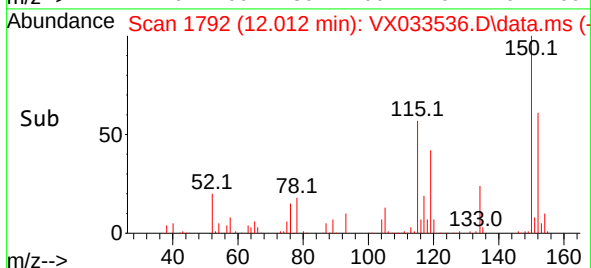
Reviewed By :John Carlone 12/22/2022
 Supervised By :Mahesh Dadoda 12/22/2022

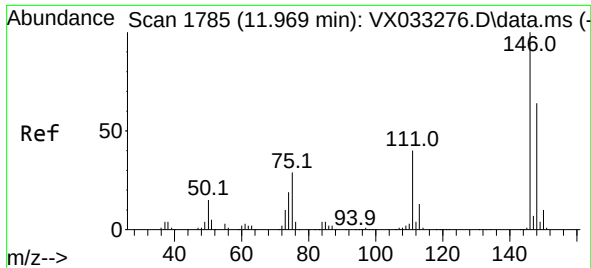


#86
 p-Isopropyltoluene
 Concen: 54.882 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX033536.D
 Acq: 21 Dec 2022 16:31



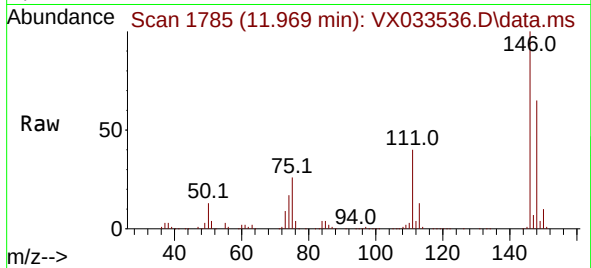
Tgt Ion:119 Resp: 364577
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.9 38.7
 91 23.3 12.5 37.5





#87
1,3-Dichlorobenzene
Concen: 53.615 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

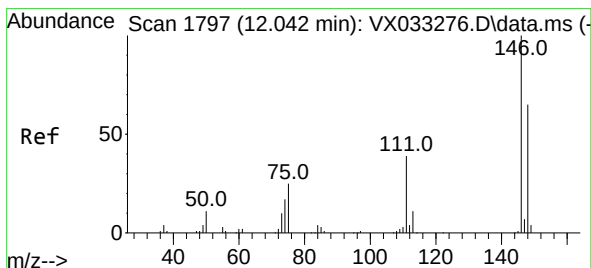
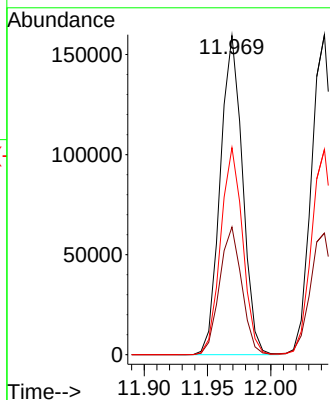
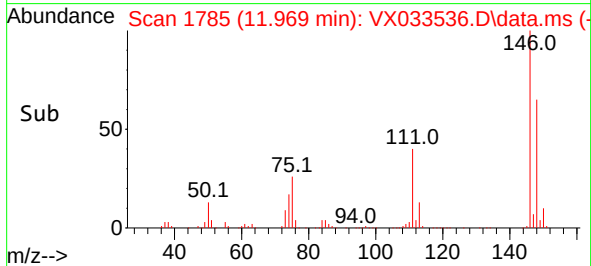
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



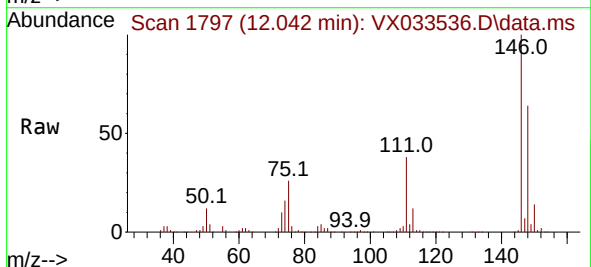
Tgt Ion:146 Resp: 195120
Ion Ratio Lower Upper
146 100
111 39.8 20.6 61.8
148 64.2 31.7 95.1

Manual Integrations
APPROVED

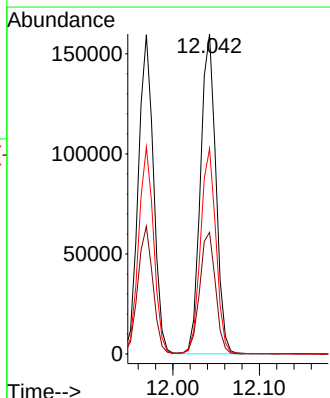
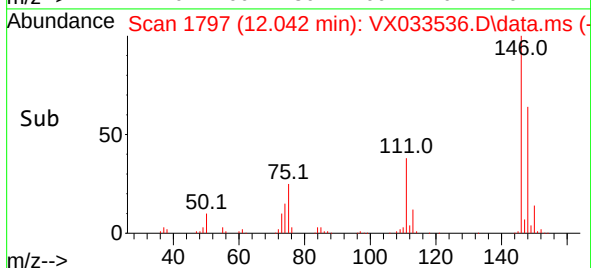
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

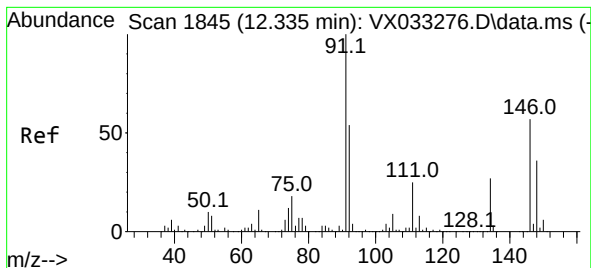


#88
1,4-Dichlorobenzene
Concen: 53.068 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31



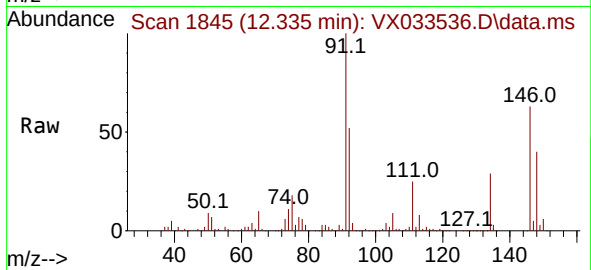
Tgt Ion:146 Resp: 197271
Ion Ratio Lower Upper
146 100
111 39.4 20.5 61.6
148 64.1 32.2 96.6





#89
n-Butylbenzene
Concen: 55.895 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

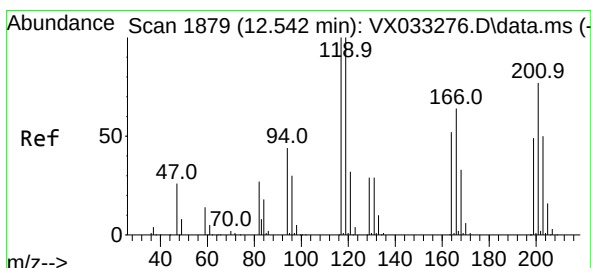
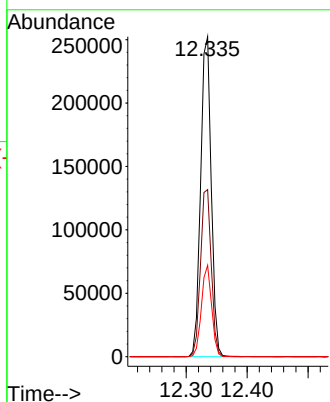
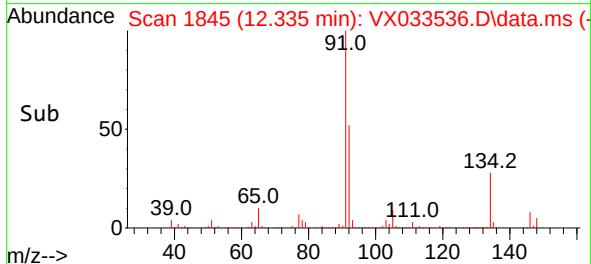
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 304118
Ion Ratio Lower Upper
91 100
92 53.4 26.2 78.6
134 27.5 12.9 38.6

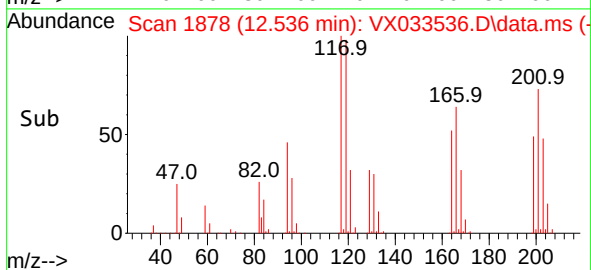
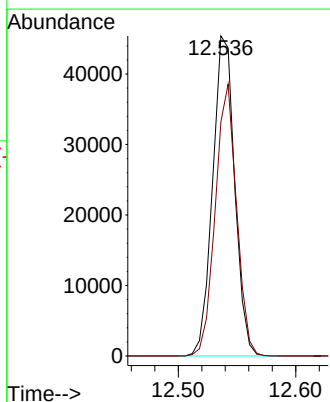
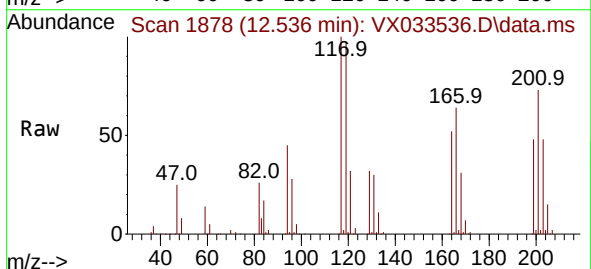
Manual Integrations
APPROVED

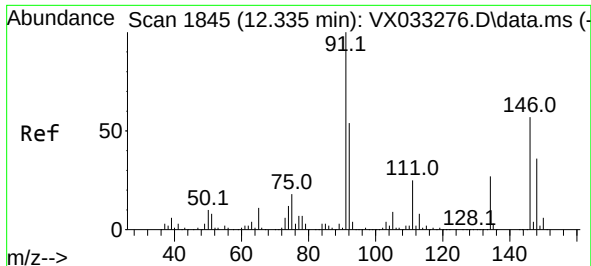
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#90
Hexachloroethane
Concen: 52.454 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

Tgt Ion:117 Resp: 59229
Ion Ratio Lower Upper
117 100
201 81.8 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 52.453 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

Instrument :

MSVOA_X

ClientSampleId :

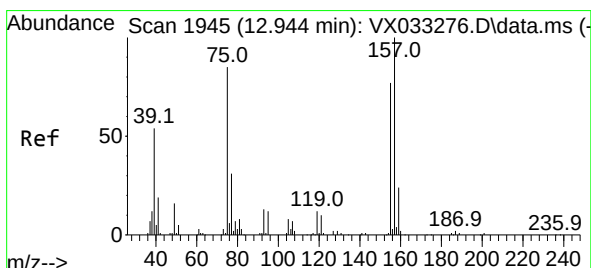
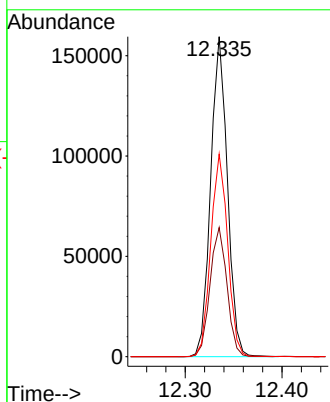
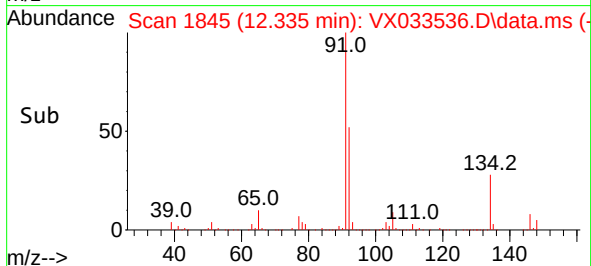
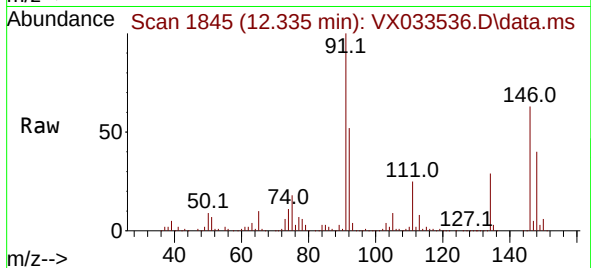
VSTDCCC050EC

Tgt Ion:146 Resp: 19084
Ion Ratio Lower Upper
146 100
111 41.1 21.5 64.5
148 64.2 32.0 96.2

Manual Integrations

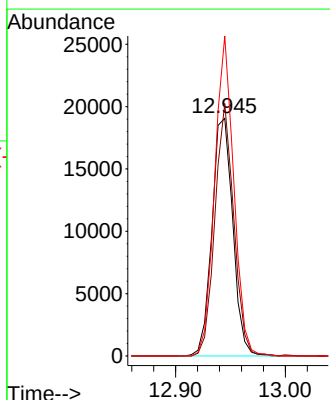
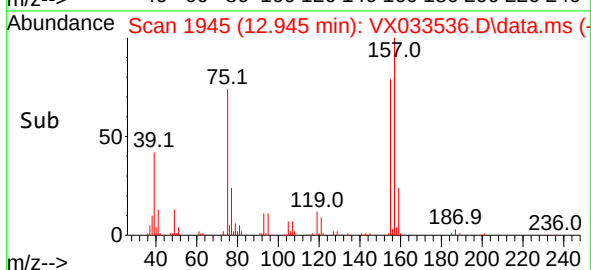
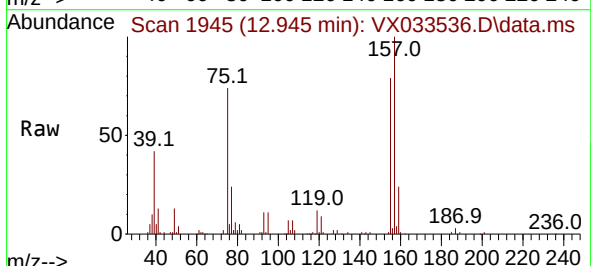
APPROVED

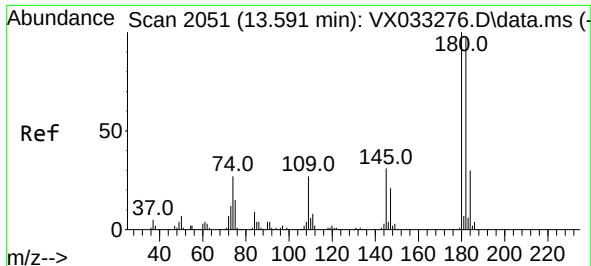
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.205 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

Tgt Ion: 75 Resp: 25190
Ion Ratio Lower Upper
75 100
155 96.5 41.6 124.8
157 123.2 54.1 162.4





#93

1,2,4-Trichlorobenzene

Concen: 55.532 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX033536.D

Acq: 21 Dec 2022 16:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

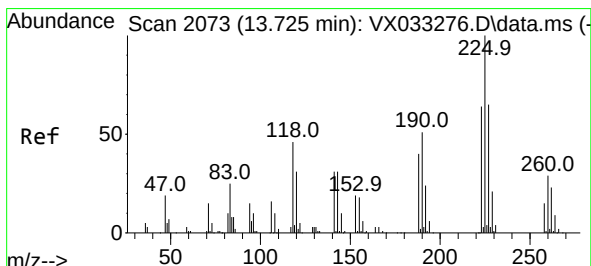
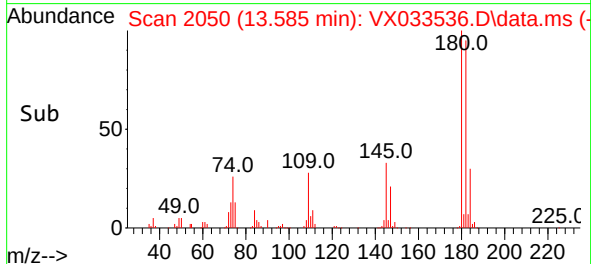
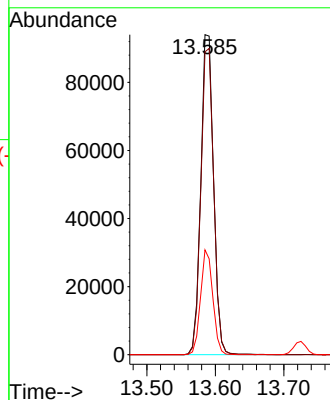
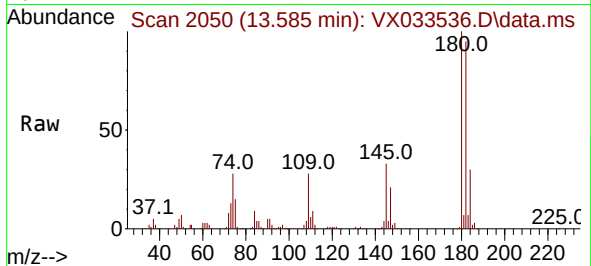
Tgt Ion:180	Resp: 122020
Ion Ratio	Lower Upper
180 100	
182 96.4	48.4 145.0
145 31.4	16.2 48.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#94

Hexachlorobutadiene

Concen: 60.116 ug/l

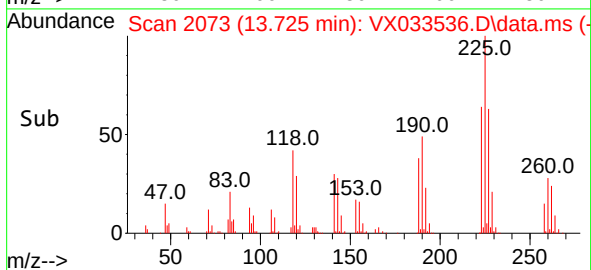
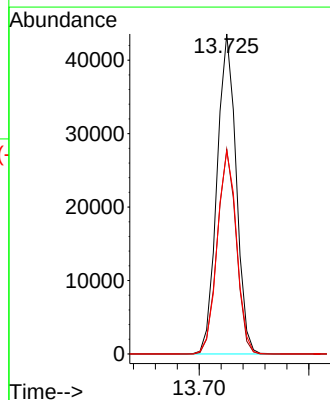
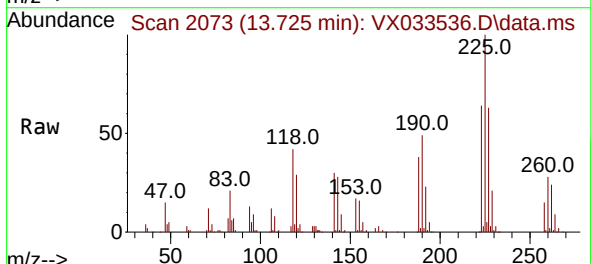
RT: 13.725 min Scan# 2073

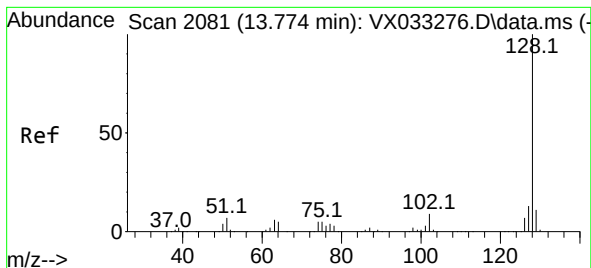
Delta R.T. 0.000 min

Lab File: VX033536.D

Acq: 21 Dec 2022 16:31

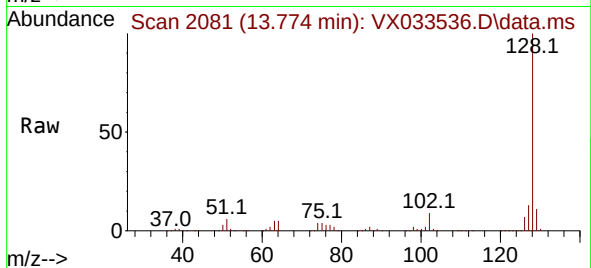
Tgt Ion:225	Resp: 52898
Ion Ratio	Lower Upper
225 100	
223 63.0	31.9 95.9
227 64.1	31.9 95.5





#95
Naphthalene
Concen: 54.136 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31

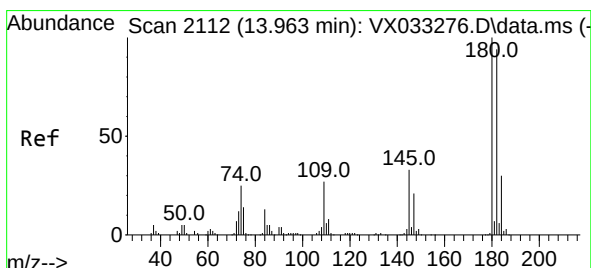
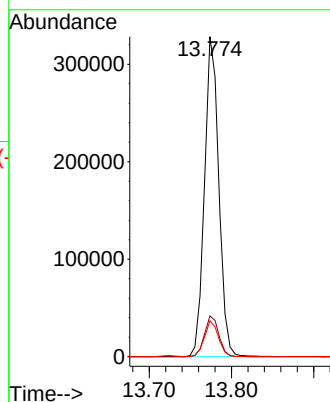
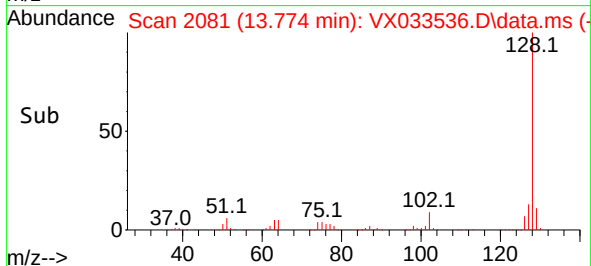
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



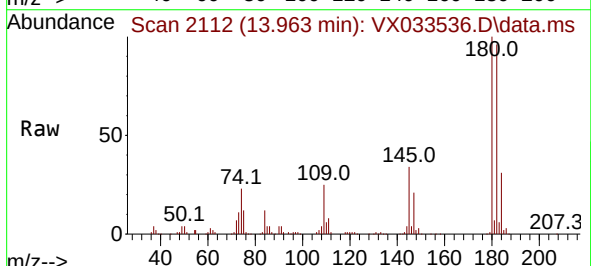
Tgt Ion:128 Resp: 396804
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.0 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#96
1,2,3-Trichlorobenzene
Concen: 55.775 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033536.D
Acq: 21 Dec 2022 16:31



Tgt Ion:180 Resp: 124129
Ion Ratio Lower Upper
180 100
182 94.9 47.5 142.6
145 33.1 16.9 50.6

