

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102221\
 Data File : VY006437.D
 Acq On : 22 Oct 2021 13:37
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 23 06:36:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:31:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	142102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	216659	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	203181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	98976	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	265475	151.816	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 303.640%#	
35) Dibromofluoromethane	7.722	113	191711	158.754	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 317.500%#	
50) Toluene-d8	10.185	98	815555	159.314	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 318.620%#	
62) 4-Bromofluorobenzene	12.483	95	269026	156.008	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 312.020%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	207510	157.976	ug/l	98
3) Chloromethane	2.113	50	286759	161.734	ug/l	99
4) Vinyl Chloride	2.253	62	312516	157.824	ug/l	100
5) Bromomethane	2.631	94	190400	144.329	ug/l	99
6) Chloroethane	2.790	64	177713	151.983	ug/l	98
7) Trichlorofluoromethane	3.125	101	376254	149.644	ug/l	99
8) Diethyl Ether	3.534	74	125352	152.230	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.906	101	195035	152.360	ug/l	100
10) Methyl Iodide	4.101	142	229347	189.040	ug/l	99
11) Tert butyl alcohol	4.972	59	105821	666.130	ug/l	100
12) 1,1-Dichloroethene	3.875	96	199019	155.130	ug/l	98
13) Acrolein	3.735	56	73122	665.816	ug/l	99
14) Allyl chloride	4.485	41	419643	158.924	ug/l	99
15) Acrylonitrile	5.168	53	345868	745.867	ug/l	99
16) Acetone	3.954	43	387501	769.585	ug/l	99
17) Carbon Disulfide	4.198	76	658954	156.599	ug/l	99
18) Methyl Acetate	4.485	43	237947	145.733	ug/l	100
19) Methyl tert-butyl Ether	5.229	73	635484	154.503	ug/l	99
20) Methylene Chloride	4.723	84	223290	119.105	ug/l	97
21) trans-1,2-Dichloroethene	5.229	96	226552	155.721	ug/l	100
22) Diisopropyl ether	6.125	45	818670	155.565	ug/l	99
23) Vinyl Acetate	6.070	43	2527630	789.697	ug/l	99
24) 1,1-Dichloroethane	6.027	63	425589	154.661	ug/l	99
25) 2-Butanone	6.990	43	508733	771.208	ug/l	99
26) 2,2-Dichloropropane	6.990	77	401170	153.277	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	258471	155.622	ug/l	99
28) Bromochloromethane	7.338	49	157779	141.322	ug/l	99
29) Tetrahydrofuran	7.356	42	304694	752.874	ug/l	99
30) Chloroform	7.515	83	428190	150.678	ug/l	98
31) Cyclohexane	7.789	56	418714	147.908	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	402747	153.487	ug/l	99
36) 1,1-Dichloropropene	7.923	75	338374	158.063	ug/l	99
37) Ethyl Acetate	7.082	43	209047	154.300	ug/l	99
38) Carbon Tetrachloride	7.905	117	365789	154.891	ug/l	99
39) Methylcyclohexane	9.185	83	420000	161.167	ug/l	97
40) Benzene	8.167	78	959084	157.079	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	299311	417.574	ug/l #	1
42) 1,2-Dichloroethane	8.240	62	326672	149.823	ug/l	99
43) Isopropyl Acetate	8.277	43	406638	154.717	ug/l	100
44) Trichloroethene	8.941	130	243389	154.564	ug/l	98
45) 1,2-Dichloropropane	9.222	63	234996	155.384	ug/l	99
46) Dibromomethane	9.307	93	128892	155.263	ug/l	99
47) Bromodichloromethane	9.502	83	335858	155.519	ug/l	97
48) Methyl methacrylate	9.295	41	194415	159.602	ug/l	98
49) 1,4-Dioxane	9.301	88	34365	3049.132	ug/l	99
51) 4-Methyl-2-Pentanone	10.075	43	1055464	766.077	ug/l	100
52) Toluene	10.246	92	607232	158.511	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	367986	158.173	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	396211	157.189	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	175274	152.702	ug/l	96
56) Ethyl methacrylate	10.514	69	283771	160.028	ug/l	98
57) 1,3-Dichloropropane	10.795	76	321147	153.951	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	605581	748.618	ug/l	99
59) 2-Hexanone	10.837	43	769254	771.457	ug/l	100
60) Dibromochloromethane	10.990	129	219390	154.957	ug/l	98
61) 1,2-Dibromoethane	11.093	107	167256	154.772	ug/l	98
64) Tetrachloroethene	10.721	164	264960	149.137	ug/l	98
65) Chlorobenzene	11.520	112	614841	155.489	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	236793	159.073	ug/l	100
67) Ethyl Benzene	11.593	91	1229452	163.285	ug/l	100
68) m/p-Xylenes	11.703	106	920232	324.874	ug/l	99
69) o-Xylene	12.032	106	438020	162.060	ug/l	99
70) Styrene	12.044	104	753269	163.001	ug/l	100
71) Bromoform	12.209	173	144597	153.669	ug/l	98
73) Isopropylbenzene	12.331	105	1139522	164.587	ug/l	100
74) N-amyl acetate	12.142	43	375008	163.278	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	192516	160.614	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	298706	548.822	ug/l #	100
77) Bromobenzene	12.611	156	262050	160.650	ug/l	98
78) n-propylbenzene	12.672	91	1402950	163.968	ug/l	100
79) 2-Chlorotoluene	12.758	91	771885	162.952	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	951953	164.205	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	78490	157.990	ug/l	98
82) 4-Chlorotoluene	12.855	91	800044	162.090	ug/l	99
83) tert-Butylbenzene	13.075	119	804598	161.507	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	950139	163.913	ug/l	100
85) sec-Butylbenzene	13.251	105	1207649	161.443	ug/l	100
86) p-Isopropyltoluene	13.367	119	1051648	164.794	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	525806	160.610	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	503115	156.298	ug/l	100
89) n-Butylbenzene	13.697	91	978345	162.975	ug/l	99
90) Hexachloroethane	13.959	117	185108	160.608	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	453525	157.938	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	39971	157.079	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	314585	165.951	ug/l	99
94) Hexachlorobutadiene	15.111	225	192031	158.058	ug/l	99
95) Naphthalene	15.239	128	635218	171.195	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	278033	167.485	ug/l	100

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

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Abundance

TIC: VY006437.D\data.ms

Time-->

4000000

3800000

3600000

3400000

3200000

3000000

2800000

2600000

2400000

2200000

2000000

1800000

1600000

1400000

1200000

1000000

800000

600000

400000

200000

0

2.00

3.00

4.00

5.00

6.00

7.00

8.00

9.00

10.00

11.00

12.00

13.00

14.00

15.00

16.00

Dichlorodifluoromethane, T

Chloromethane, P

Vinyl Chloride, C

Bromomethane, T

Chloroethane, T

Trichlorofluoromethane, T

Diethyl Ether, T

Acrolein, T

1,1,1-Trichloroethane, T

Acetone, T

Methyl isobutyl carbamate, T

Carbon Disulfide, T

Methyl acetate, T

Methylene Chloride, T

Tert butyl alcohol, T

Acrylonitrile, T

Methyl 1,2-Dichloroethane, T

1,1-Dichloroethane, P

Isopropyl ether, T

Vinyl Acetate, T

2,2-Dichloropropane, T

1,1,1-Trichloroethane, T

Chloroform, C

1,1,2-Trichloroethane, T

1,1,2,2-Tetrachloroethane, T

1,1,2,2-Tetrachloroethane, T

1,2-Dichloroethane, T

1,2-Dichloroethane, T

1,4-Difluorobenzene, T

Trichloroethene, T

Methylcyclohexane, T

Bromodichloromethane, T

cis-1,3-Dichloropropene, T

2-Chloroethyl Vinyl ether, T

4-Methyl-2-Pentanone, T

Toluene, CM

1,2-Dichloropropane, T

Ethyl methylchloropropene, T

1,1,2-Trichloroethane, T

1,3-Dichloropropane, T

2-Hexanone, T

Dibromochloromethane, T

1,2-Dibromochloroethane, T

Chlorobenzene, PM

Ethyl Benzene, T

Styrene, T

Isopropylbenzene, T

n-Propylbenzene, T

1,3,5-Trimethylbenzene, T

2-Chlorotoluene, T

tert-Butylbenzene, T

sec-Butylbenzene, T

1,4-Dichlorobenzene, T

1,2-Dichlorobenzene, T

Hexachloroethane, T

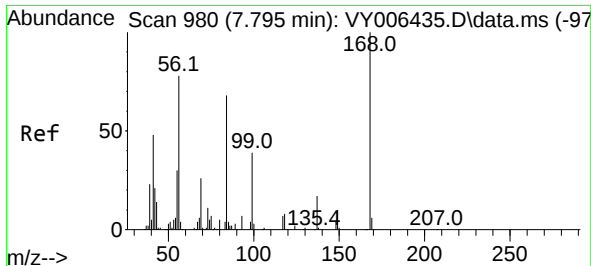
1,2-Dibromo-3-Chloropropane, T

Naphthalene, T

1,2,3-Trichlorobenzene, T

1,2,4-Trichlorobenzene, T

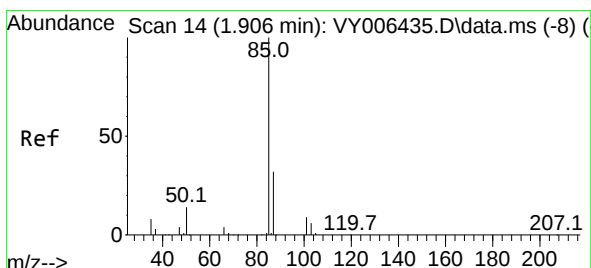
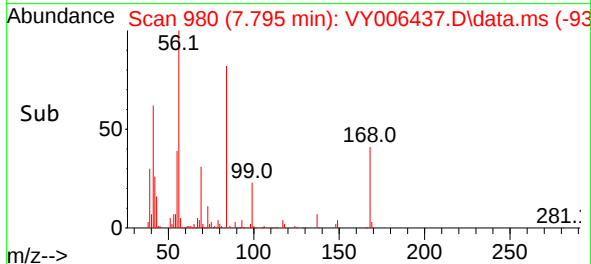
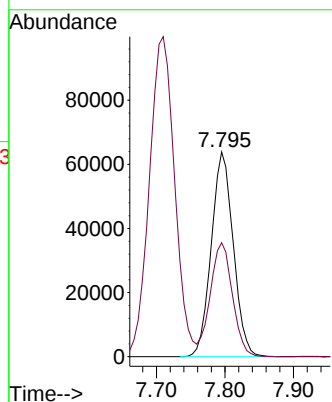
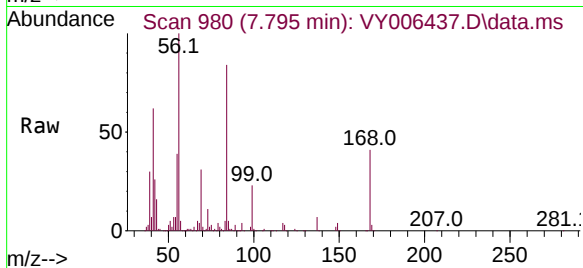
Hexachlorobutadiene, T



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
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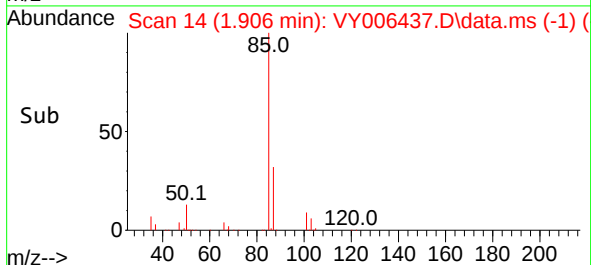
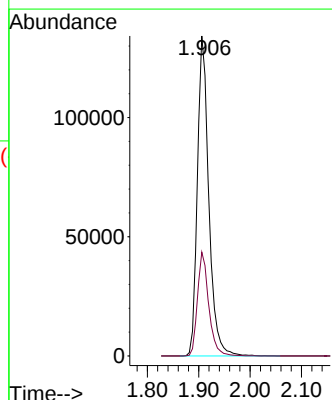
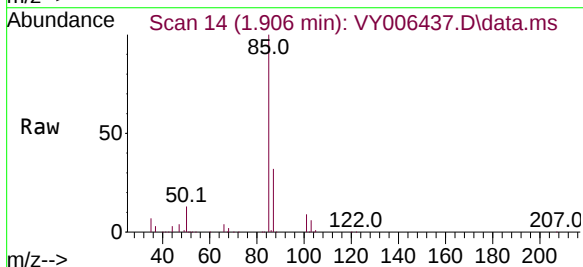
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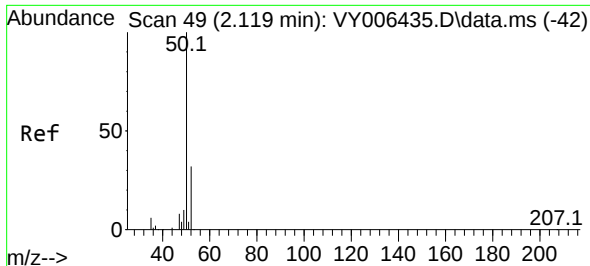
Tgt Ion:168 Resp: 142102
Ion Ratio Lower Upper
168 100
99 55.6 44.8 67.2



#2
Dichlorodifluoromethane
Concen: 157.976 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

Tgt Ion: 85 Resp: 207510
Ion Ratio Lower Upper
85 100
87 32.5 15.8 47.3

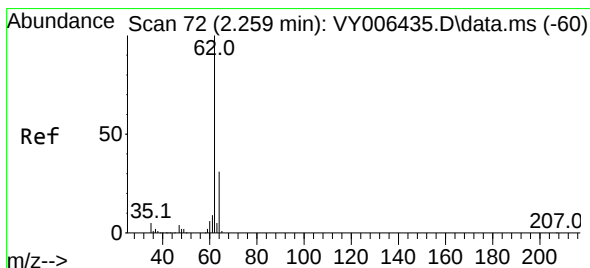
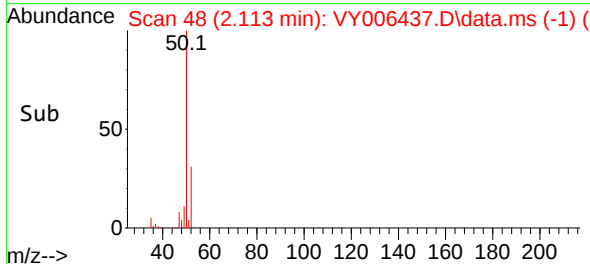
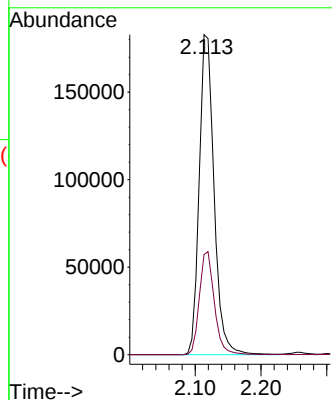
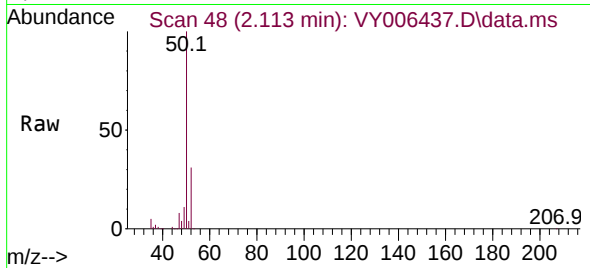




#3
Chloromethane
Concen: 161.734 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

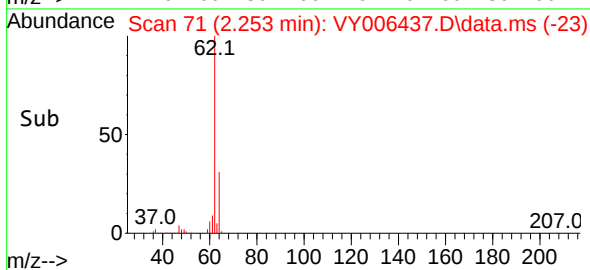
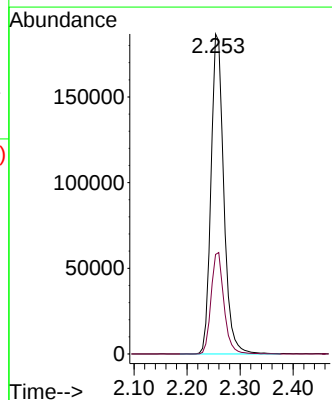
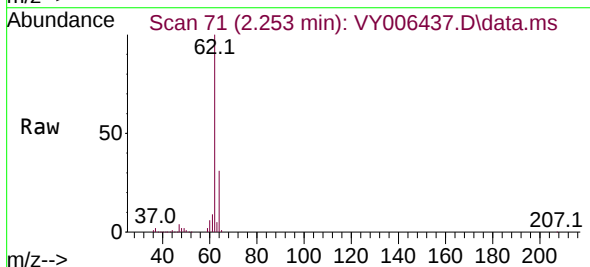
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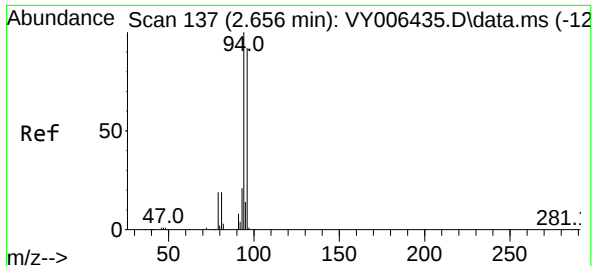
Tgt Ion: 50 Resp: 286759
Ion Ratio Lower Upper
50 100
52 31.3 25.4 38.2



#4
Vinyl Chloride
Concen: 157.824 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

Tgt Ion: 62 Resp: 312516
Ion Ratio Lower Upper
62 100
64 31.1 24.7 37.1

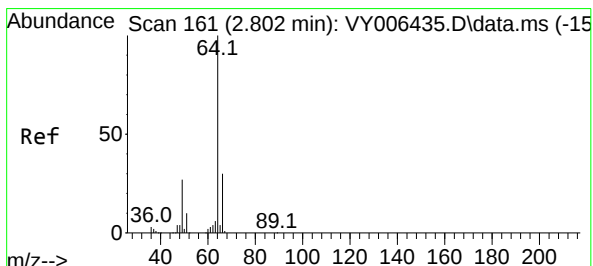
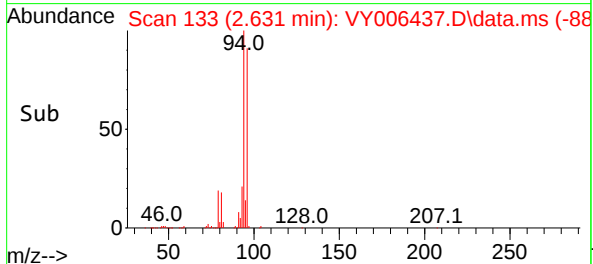
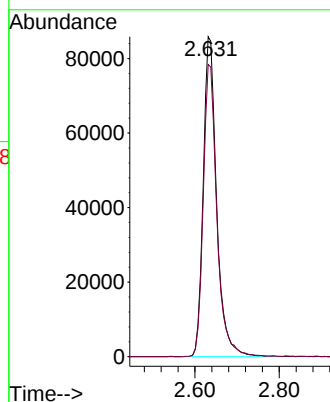
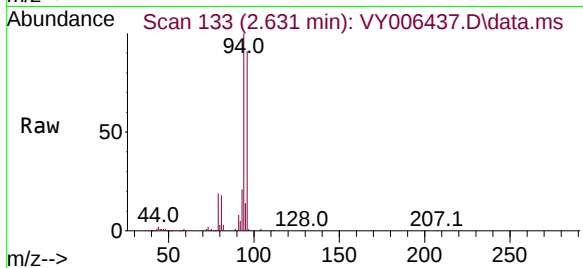




#5
Bromomethane
Concen: 144.329 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

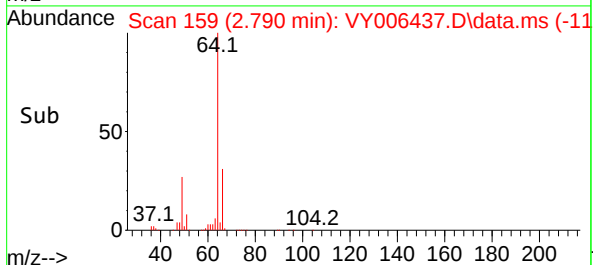
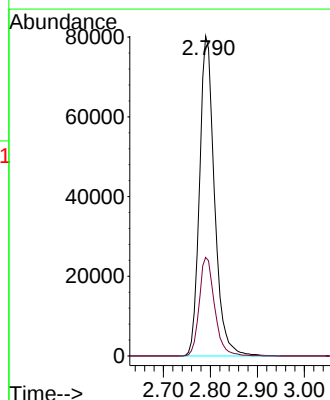
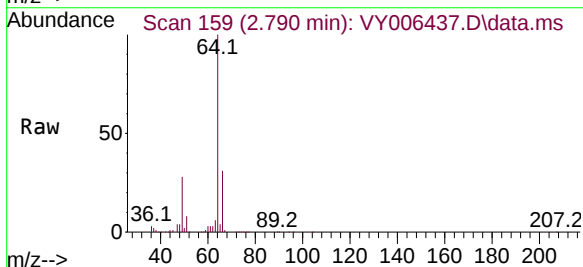
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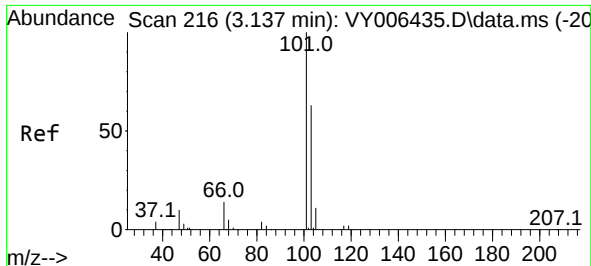
Tgt Ion: 94 Resp: 190400
Ion Ratio Lower Upper
94 100
96 91.3 73.5 110.3



#6
Chloroethane
Concen: 151.983 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.012 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

Tgt Ion: 64 Resp: 177713
Ion Ratio Lower Upper
64 100
66 30.8 23.8 35.6

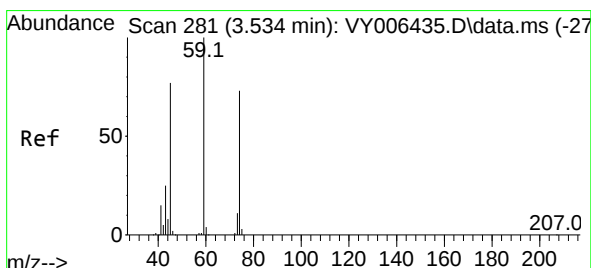
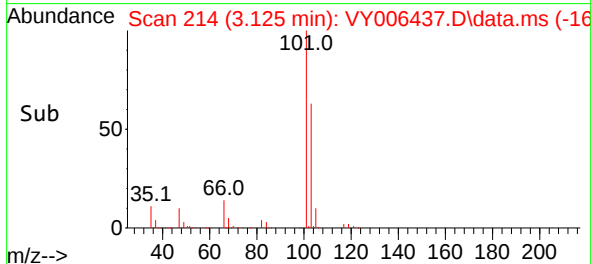
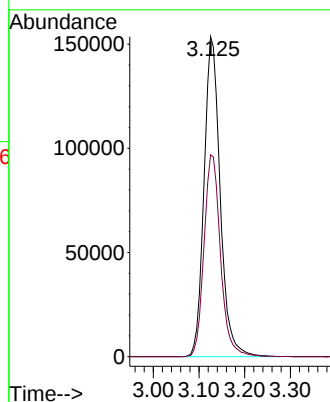
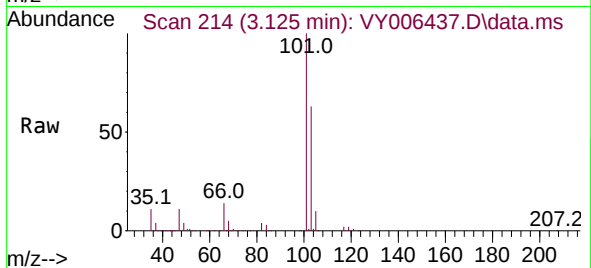




#7
 Trichlorofluoromethane
 Concen: 149.644 ug/l
 RT: 3.125 min Scan# 216
 Delta R.T. -0.012 min
 Lab File: VY006437.D
 Acq: 22 Oct 2021 13:37

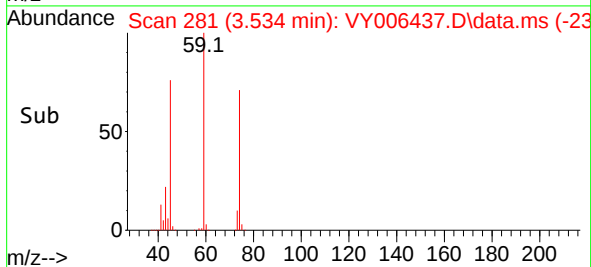
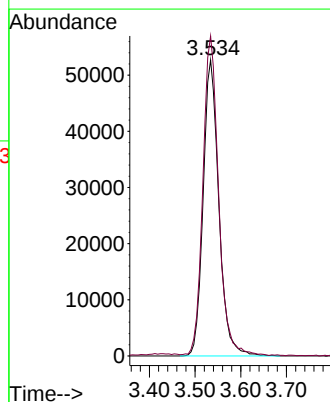
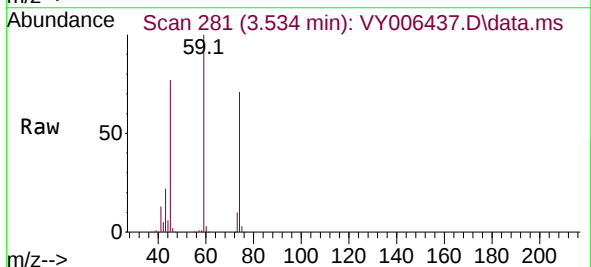
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

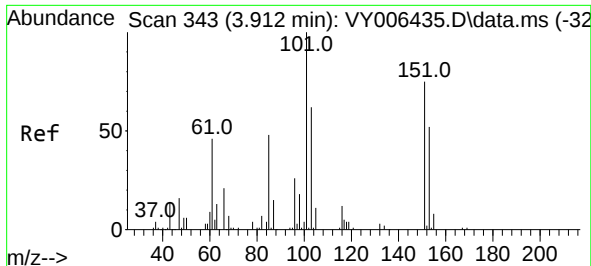
Tgt Ion:101 Resp: 376254
 Ion Ratio Lower Upper
 101 100
 103 63.1 50.2 75.2



#8
 Diethyl Ether
 Concen: 152.230 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.000 min
 Lab File: VY006437.D
 Acq: 22 Oct 2021 13:37

Tgt Ion: 74 Resp: 125352
 Ion Ratio Lower Upper
 74 100
 45 108.1 52.8 158.3

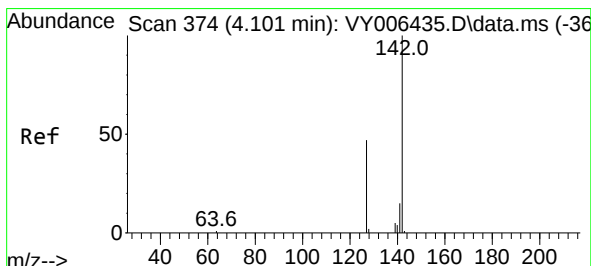
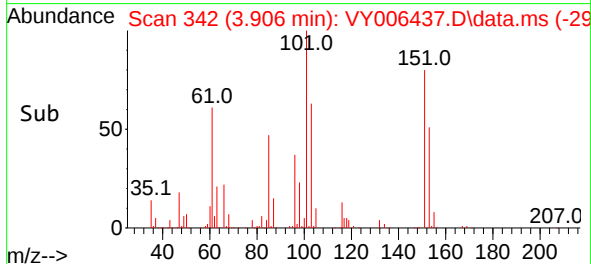
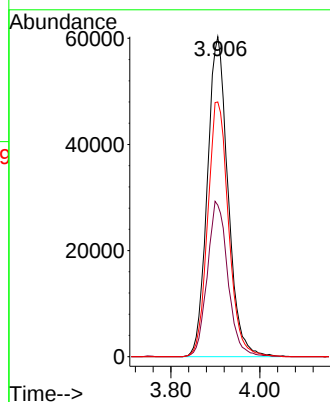
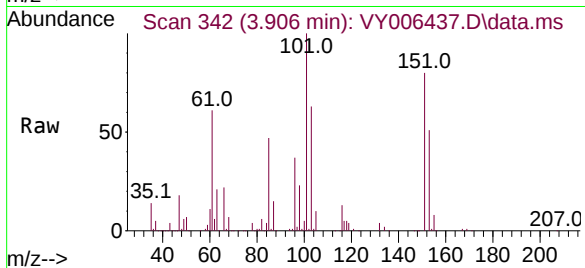




#9
1,1,2-Trichlorotrifluoroethane
Concen: 152.360 ug/l
RT: 3.906 min Scan# 343
Delta R.T. -0.006 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

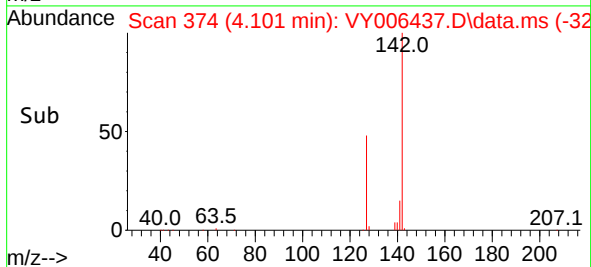
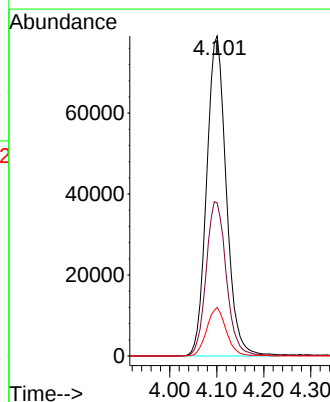
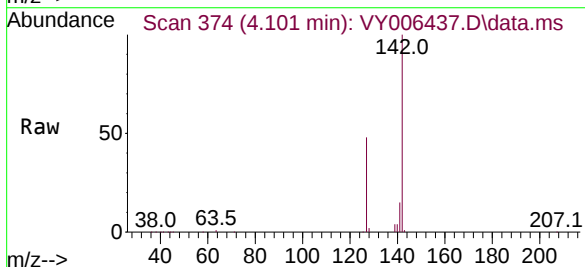
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

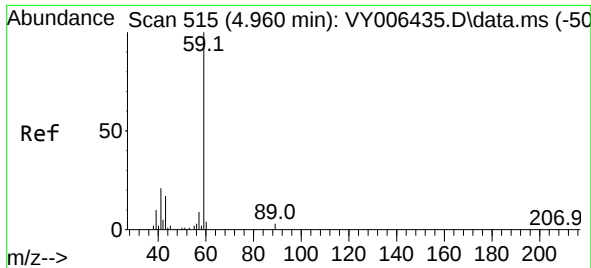
Tgt Ion:101 Resp: 195035
Ion Ratio Lower Upper
101 100
85 48.3 38.6 57.8
151 80.2 64.0 96.0



#10
Methyl Iodide
Concen: 189.040 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

Tgt Ion:142 Resp: 229347
Ion Ratio Lower Upper
142 100
127 49.7 40.1 60.1
141 15.1 12.5 18.7

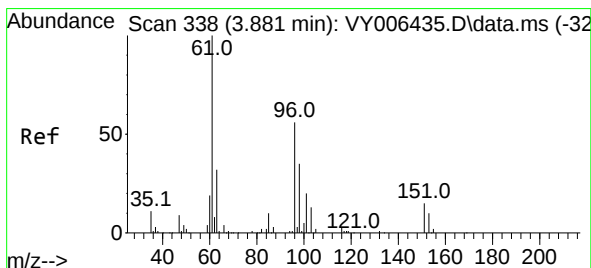
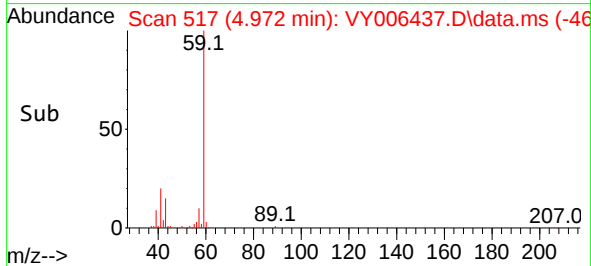
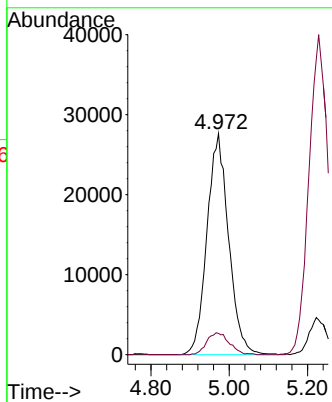
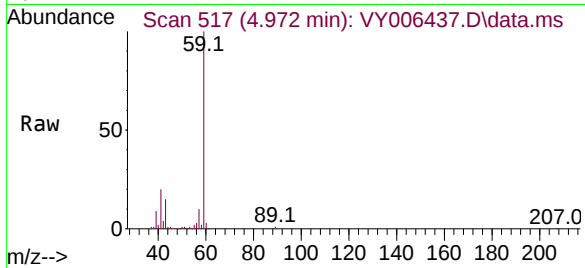




#11
Tert butyl alcohol
Concen: 666.130 ug/l
RT: 4.972 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

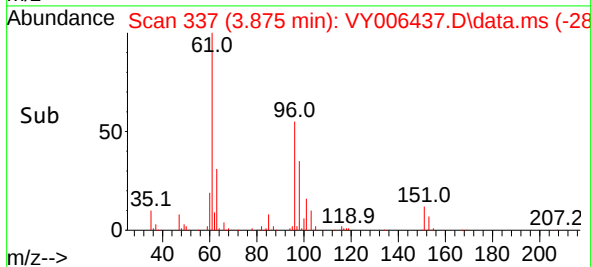
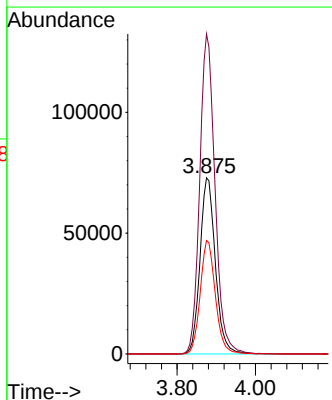
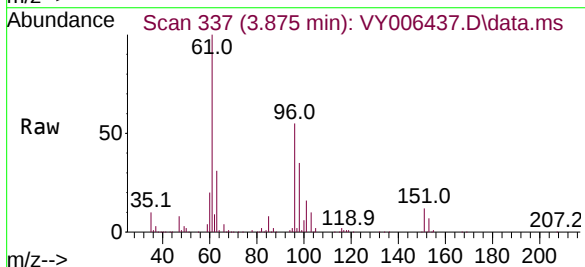
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

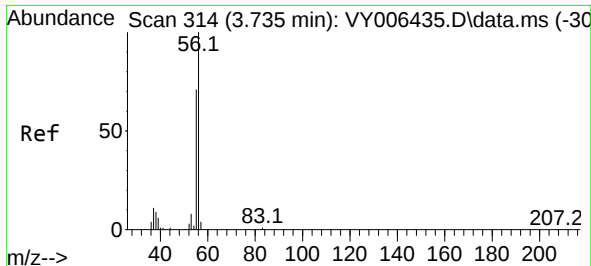
Tgt Ion: 59 Resp: 105821
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4



#12
1,1-Dichloroethene
Concen: 155.130 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.006 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

Tgt Ion: 96 Resp: 199019
Ion Ratio Lower Upper
96 100
61 181.7 143.0 214.6
98 64.4 50.5 75.7

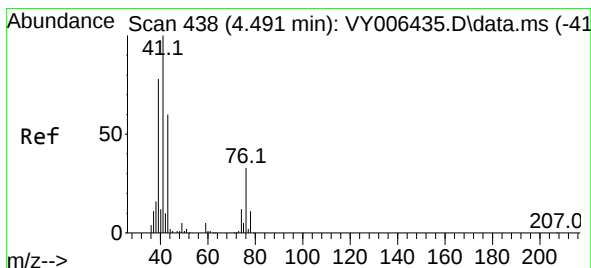
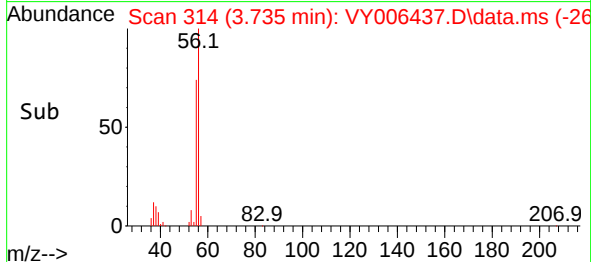
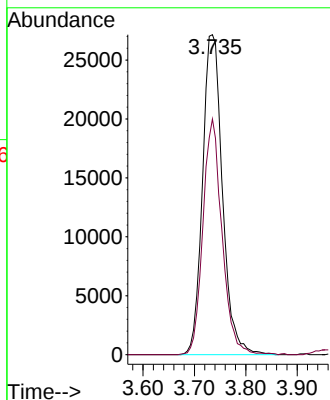
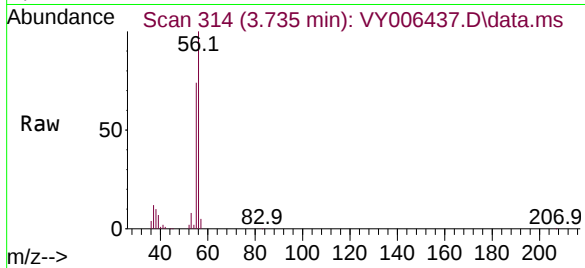




#13
Acrolein
Concen: 665.816 ug/l
RT: 3.735 min Scan# 314
Delta R.T. 0.000 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

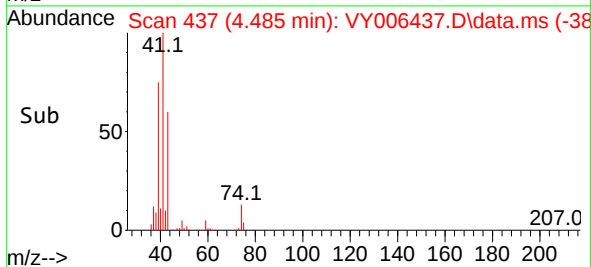
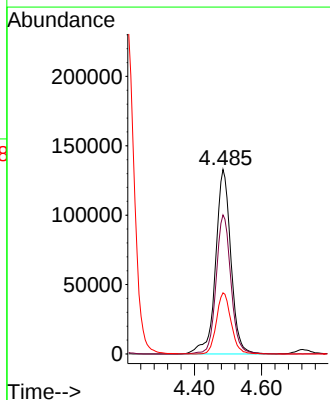
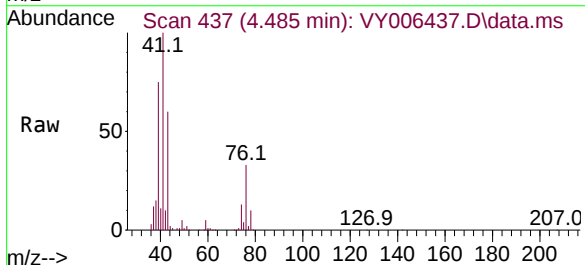
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

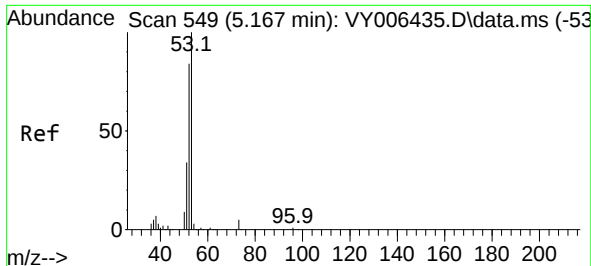
Tgt Ion: 56 Resp: 73122
Ion Ratio Lower Upper
56 100
55 70.5 57.1 85.7



#14
Allyl chloride
Concen: 158.924 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

Tgt Ion: 41 Resp: 419643
Ion Ratio Lower Upper
41 100
39 72.9 58.8 88.2
76 31.6 25.0 37.4

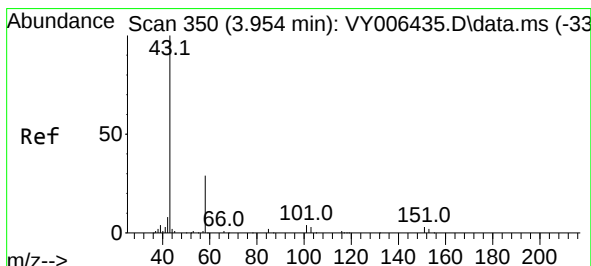
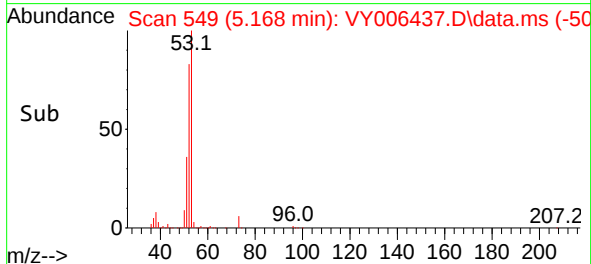
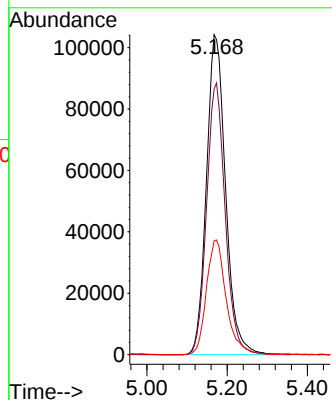
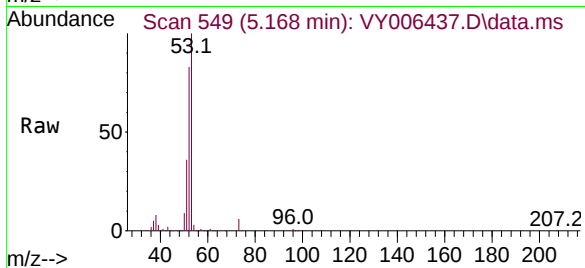




#15
Acrylonitrile
Concen: 745.867 ug/l
RT: 5.168 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

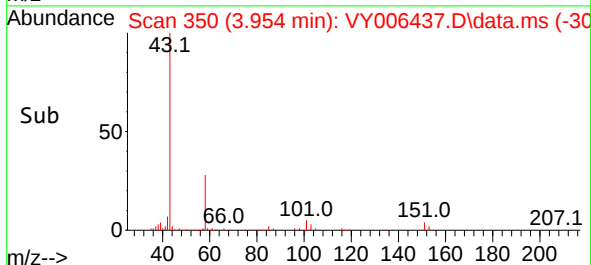
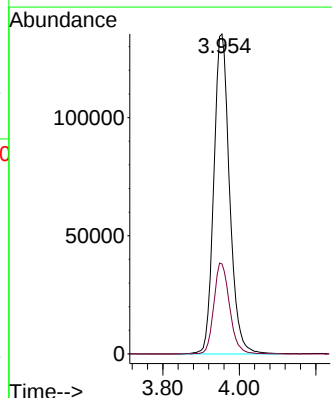
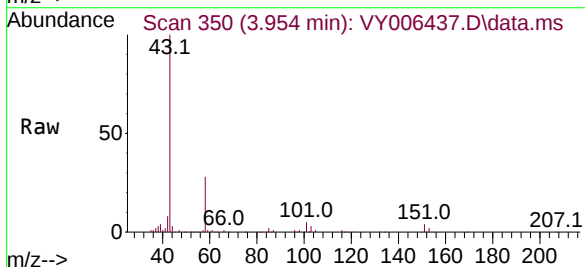
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

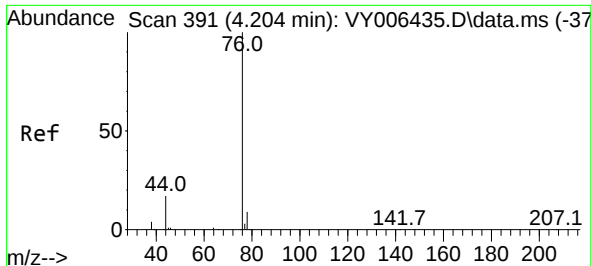
Tgt Ion: 53 Resp: 345868
Ion Ratio Lower Upper
53 100
52 82.5 67.1 100.7
51 37.2 30.0 45.0



#16
Acetone
Concen: 769.585 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

Tgt Ion: 43 Resp: 387501
Ion Ratio Lower Upper
43 100
58 28.2 22.9 34.3

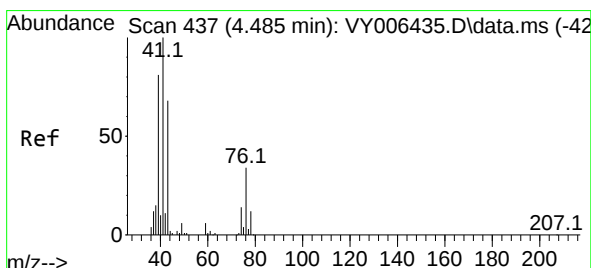
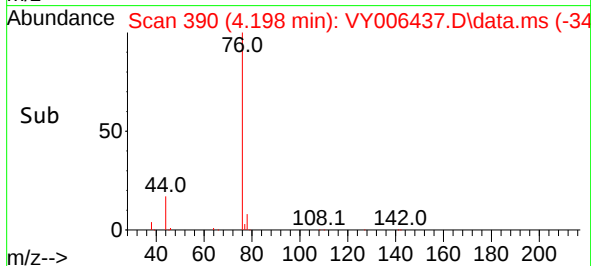
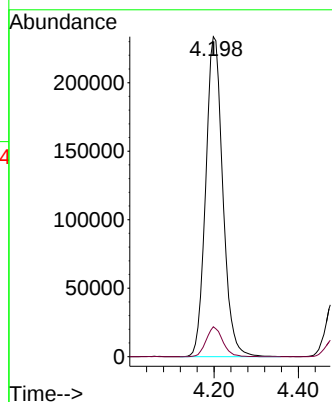
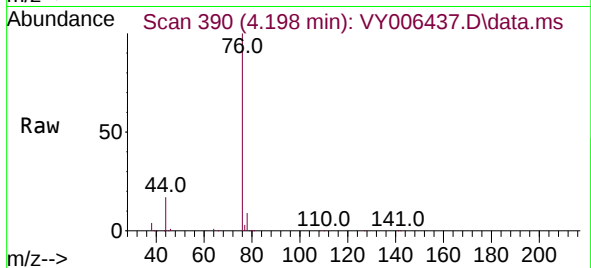




#17
Carbon Disulfide
Concen: 156.599 ug/l
RT: 4.198 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

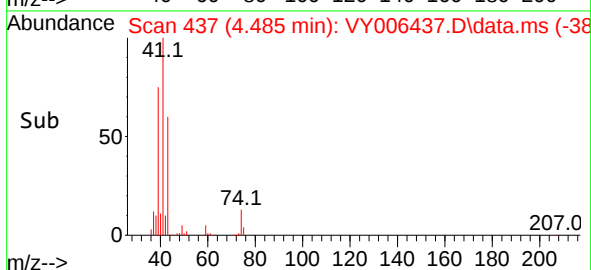
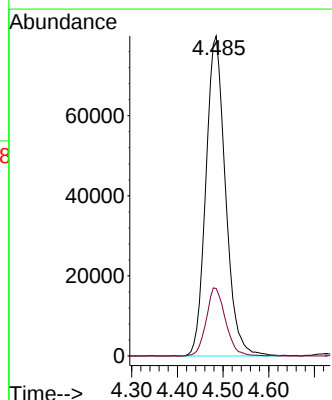
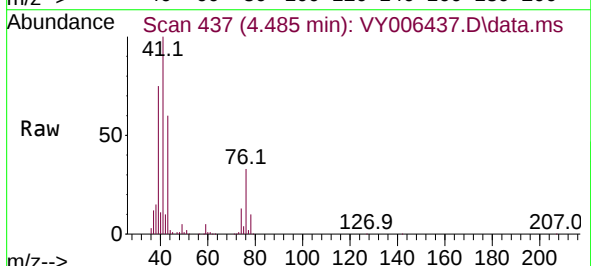
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

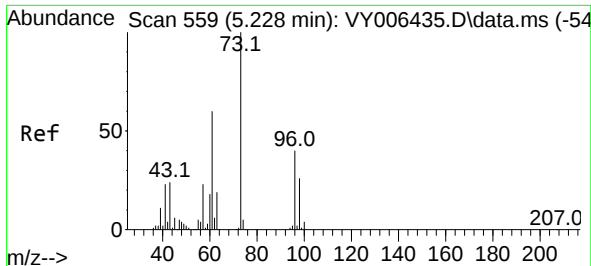
Tgt Ion: 76 Resp: 658954
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7



#18
Methyl Acetate
Concen: 145.733 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

Tgt Ion: 43 Resp: 237947
Ion Ratio Lower Upper
43 100
74 20.9 16.6 25.0

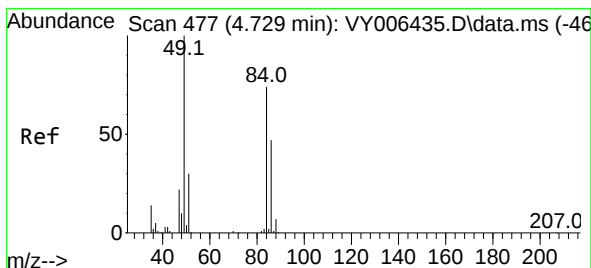
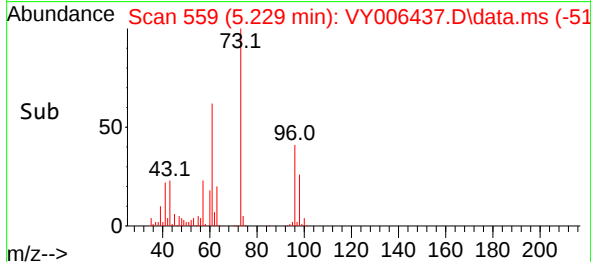
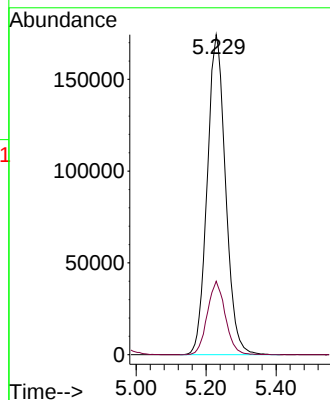
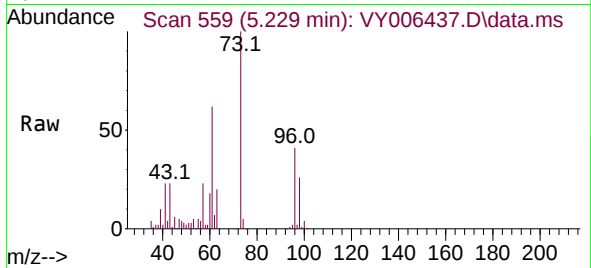




#19
Methyl tert-butyl Ether
Concen: 154.503 ug/l
RT: 5.229 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

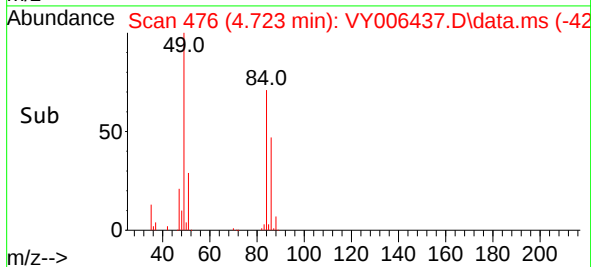
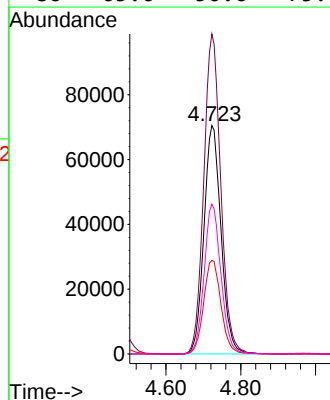
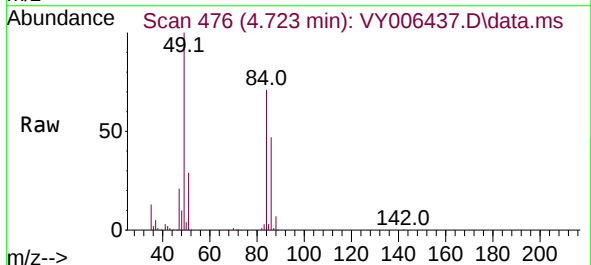
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

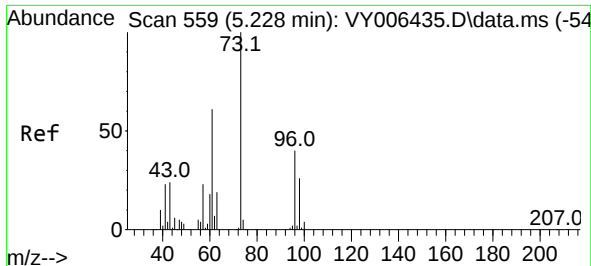
Tgt Ion: 73 Resp: 635484
Ion Ratio Lower Upper
73 100
57 22.9 18.2 27.2



#20
Methylene Chloride
Concen: 119.105 ug/l
RT: 4.723 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

Tgt Ion: 84 Resp: 223290
Ion Ratio Lower Upper
84 100
49 140.0 107.8 161.8
51 40.9 32.8 49.2
86 65.6 50.6 75.8

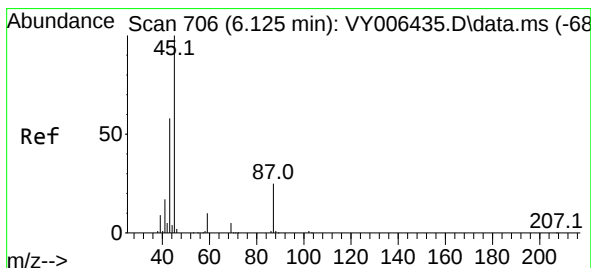
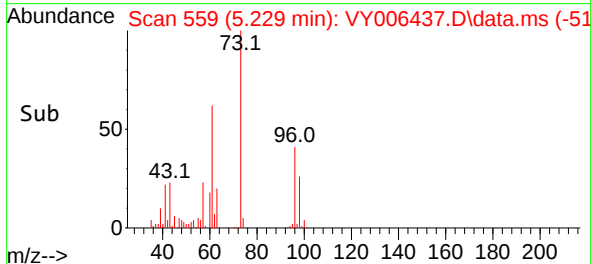
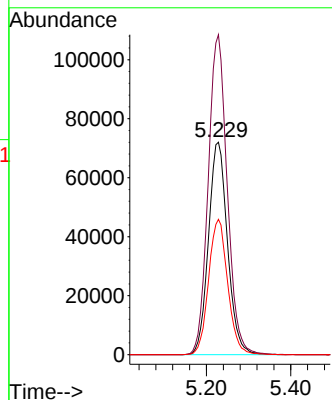
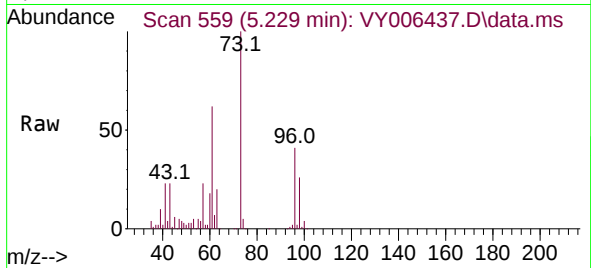




#21
trans-1,2-Dichloroethene
Concen: 155.721 ug/l
RT: 5.229 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

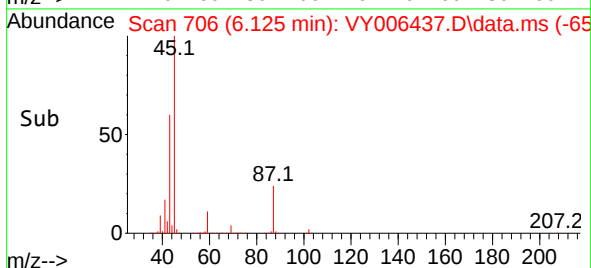
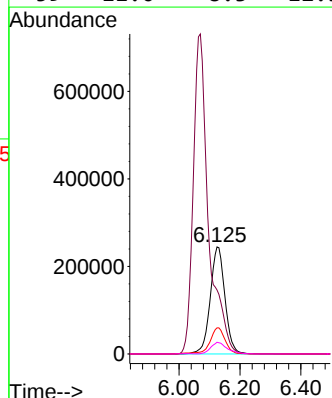
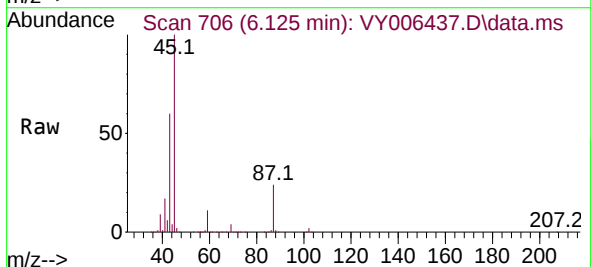
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

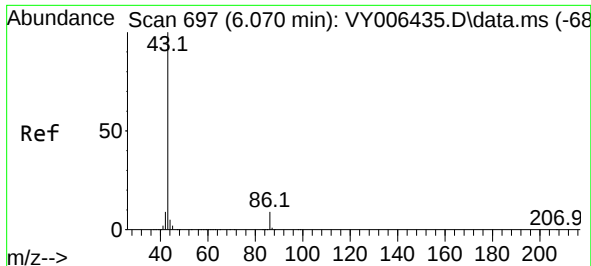
Tgt Ion: 96 Resp: 226552
Ion Ratio Lower Upper
96 100
61 150.5 120.6 181.0
98 63.7 51.3 76.9



#22
Diisopropyl ether
Concen: 155.565 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

Tgt Ion: 45 Resp: 818670
Ion Ratio Lower Upper
45 100
43 59.8 47.7 71.5
87 24.3 20.1 30.1
59 11.0 8.3 12.5

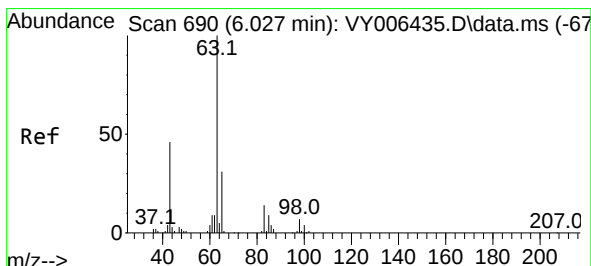
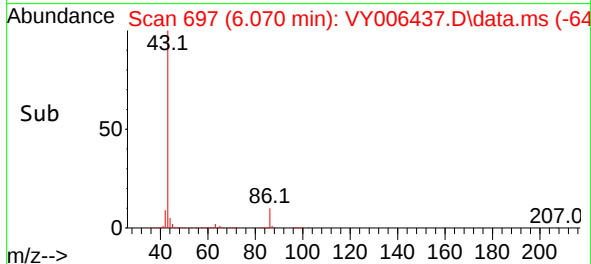
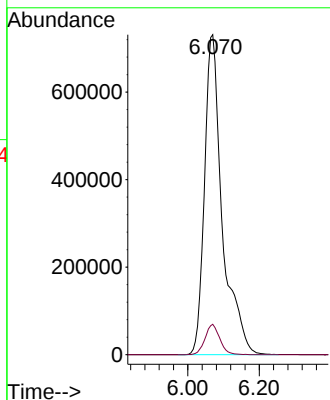
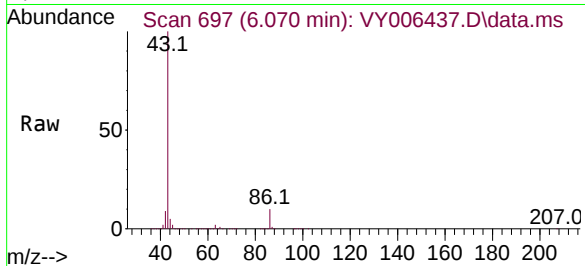




#23
 Vinyl Acetate
 Concen: 789.697 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY006437.D
 Acq: 22 Oct 2021 13:37

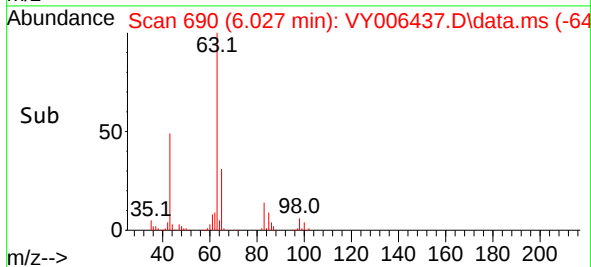
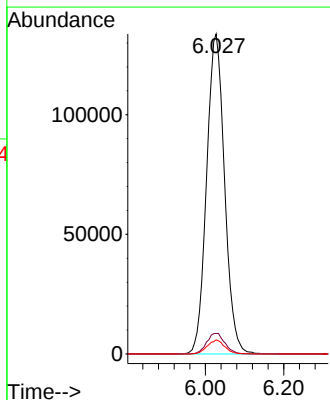
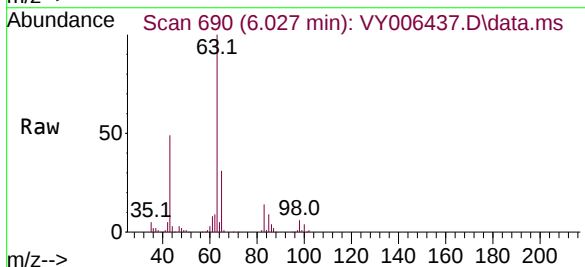
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

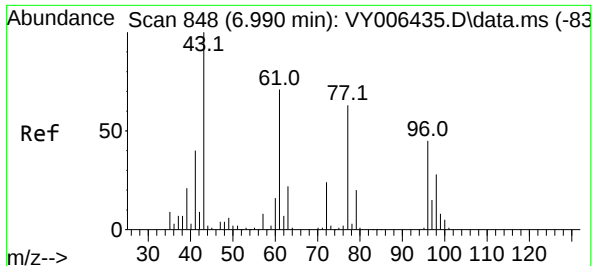
Tgt Ion: 43 Resp: 2527630
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 154.661 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY006437.D
 Acq: 22 Oct 2021 13:37

Tgt Ion: 63 Resp: 425589
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.4
 100 4.4 2.0 6.0

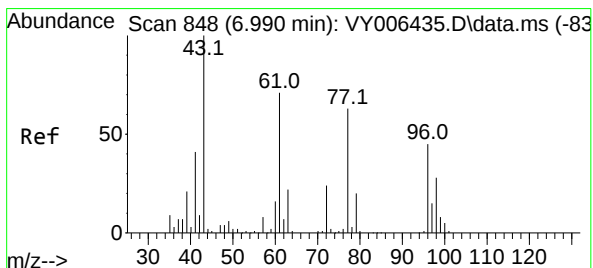
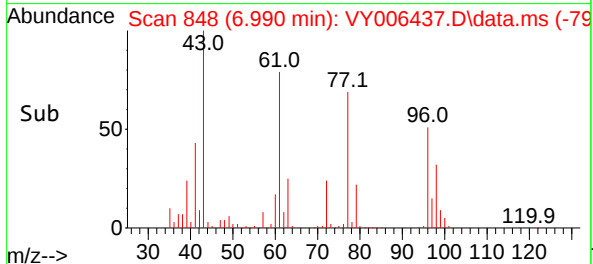
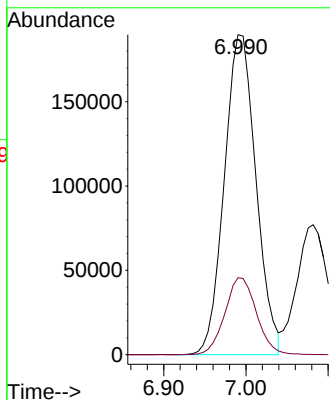
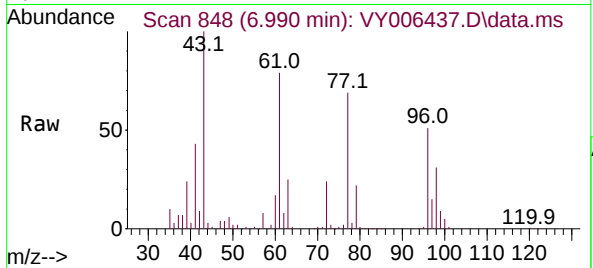




#25
2-Butanone
Concen: 771.208 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

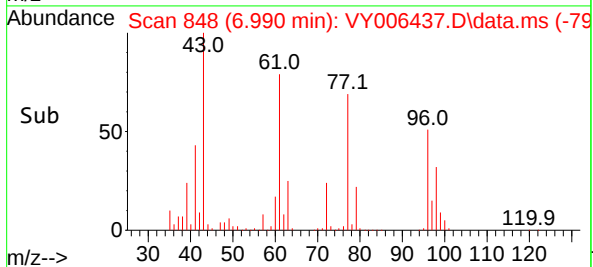
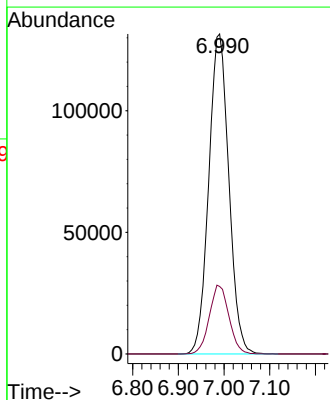
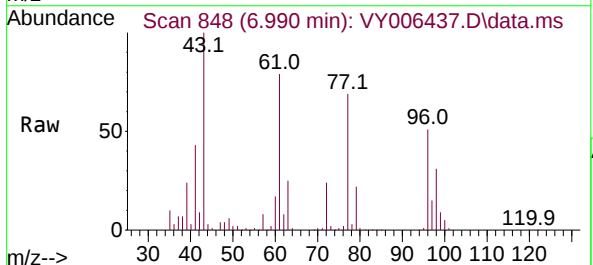
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

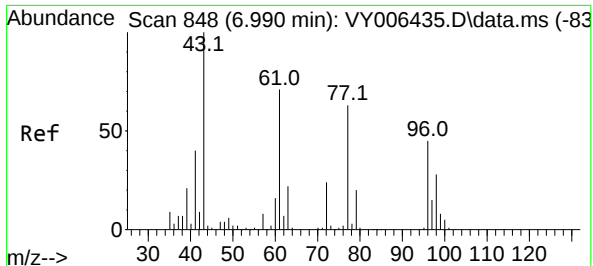
Tgt Ion: 43 Resp: 508733
Ion Ratio Lower Upper
43 100
72 24.1 18.9 28.3



#26
2,2-Dichloropropane
Concen: 153.277 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

Tgt Ion: 77 Resp: 401170
Ion Ratio Lower Upper
77 100
97 21.0 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 155.622 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY006437.D

Acq: 22 Oct 2021 13:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

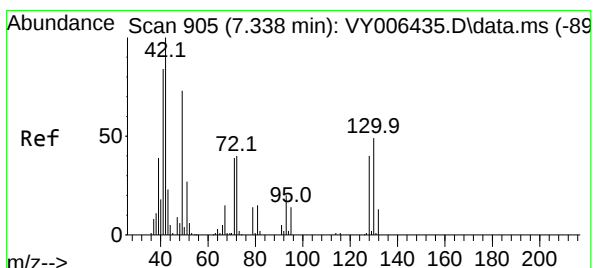
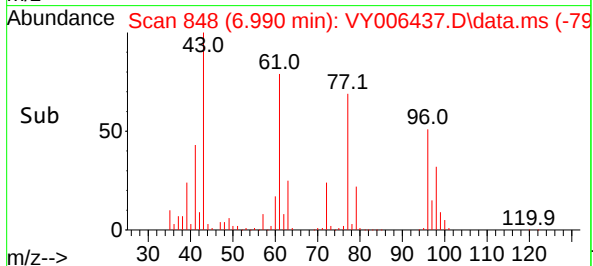
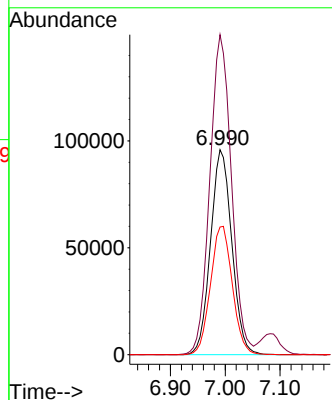
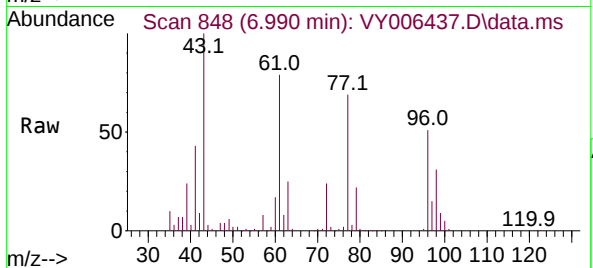
Tgt Ion: 96 Resp: 258471

Ion Ratio Lower Upper

96 100

61 158.3 0.0 314.0

98 64.3 0.0 127.8



#28

Bromochloromethane

Concen: 141.322 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY006437.D

Acq: 22 Oct 2021 13:37

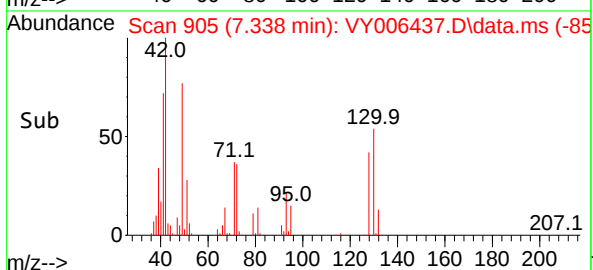
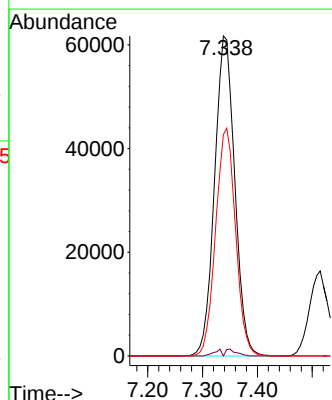
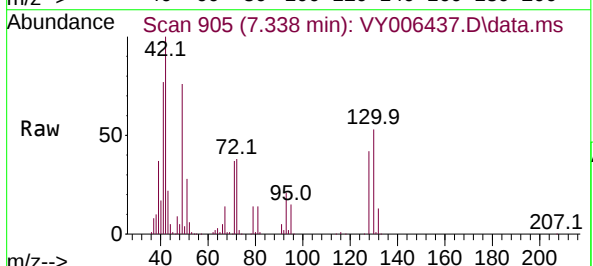
Tgt Ion: 49 Resp: 157779

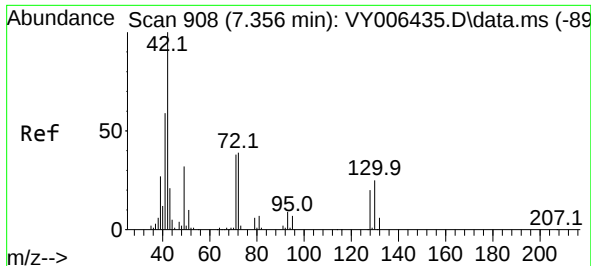
Ion Ratio Lower Upper

49 100

129 1.1 0.0 4.4

130 70.3 55.6 83.4





#29

Tetrahydrofuran

Concen: 752.874 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY006437.D

Acq: 22 Oct 2021 13:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

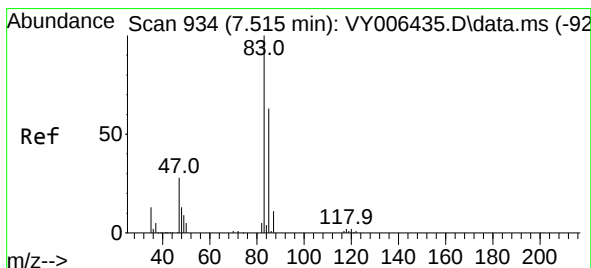
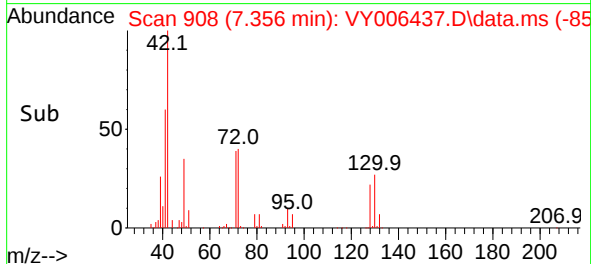
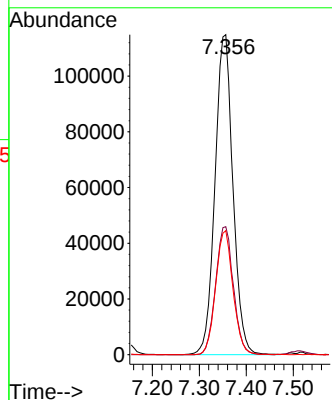
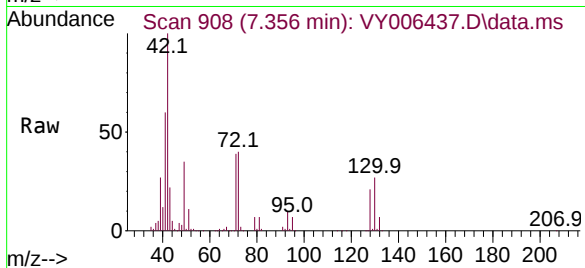
Tgt Ion: 42 Resp: 304694

Ion Ratio Lower Upper

42 100

72 39.6 32.0 48.0

71 37.6 30.3 45.5



#30

Chloroform

Concen: 150.678 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY006437.D

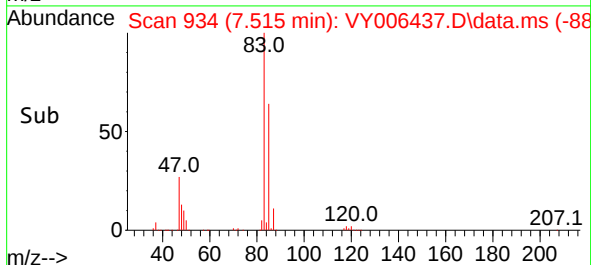
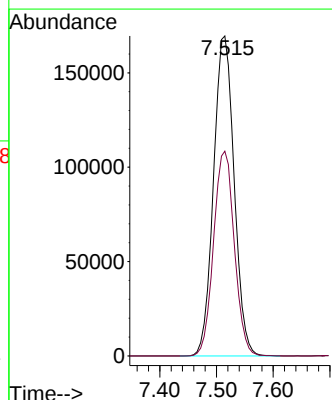
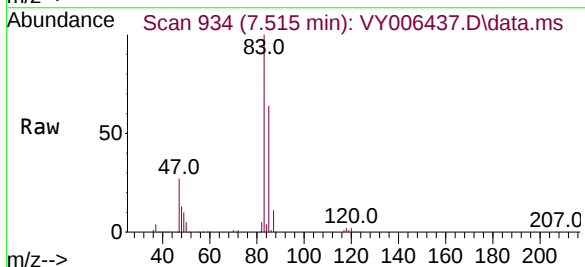
Acq: 22 Oct 2021 13:37

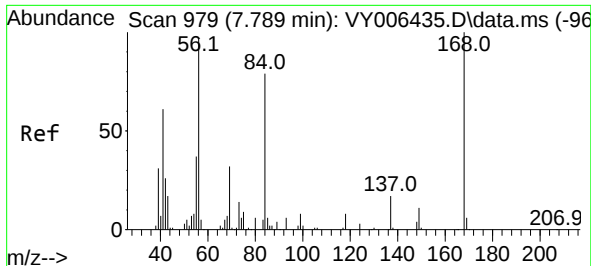
Tgt Ion: 83 Resp: 428190

Ion Ratio Lower Upper

83 100

85 64.0 50.2 75.4

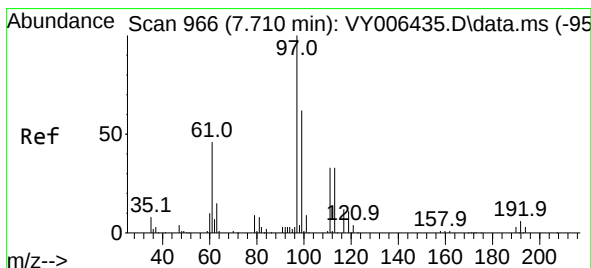
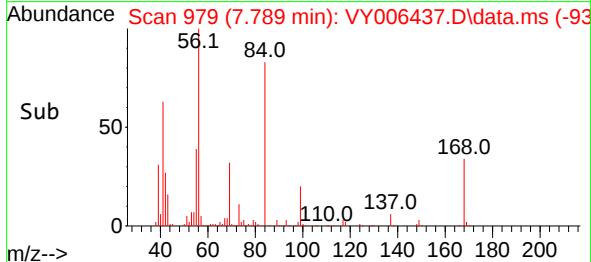
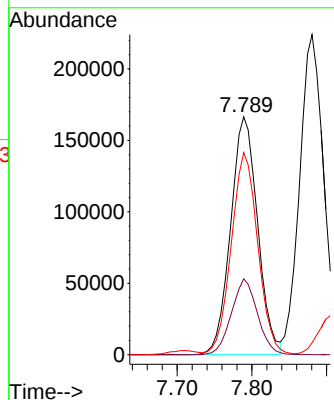
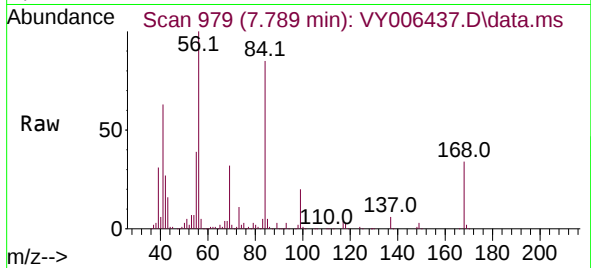




#31
Cyclohexane
Concen: 147.908 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

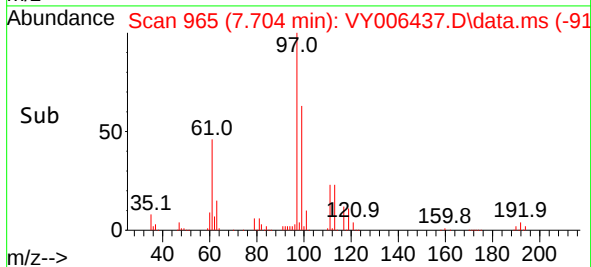
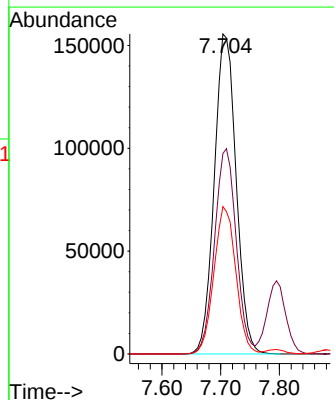
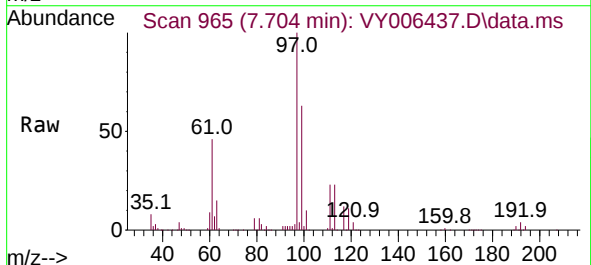
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

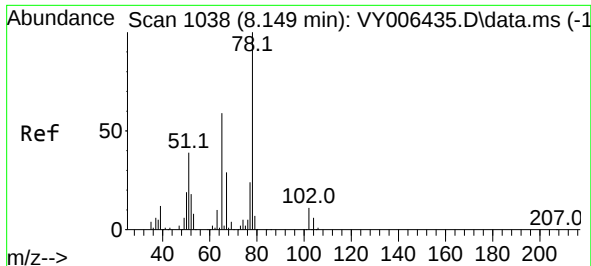
Tgt Ion: 56 Resp: 418714
Ion Ratio Lower Upper
56 100
69 31.8 26.6 40.0
84 83.2 65.0 97.4



#32
1,1,1-Trichloroethane
Concen: 153.487 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

Tgt Ion: 97 Resp: 402747
Ion Ratio Lower Upper
97 100
99 63.7 51.0 76.4
61 46.0 37.4 56.2

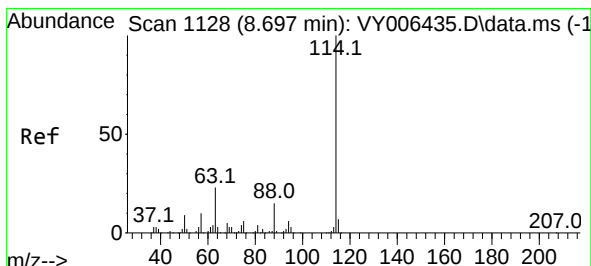
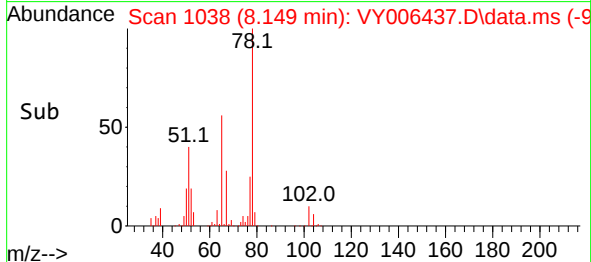
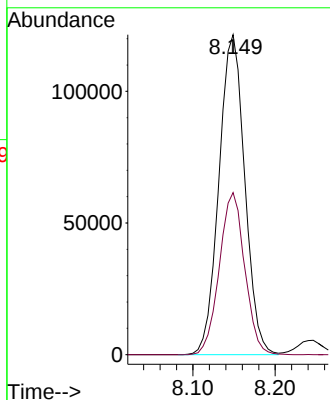
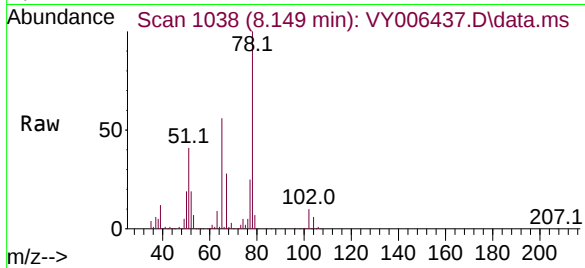




#33
 1,2-Dichloroethane-d4
 Concen: 151.816 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY006437.D
 Acq: 22 Oct 2021 13:37

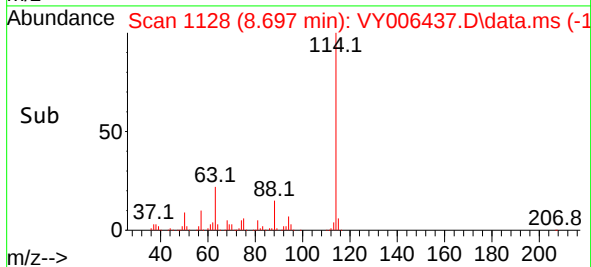
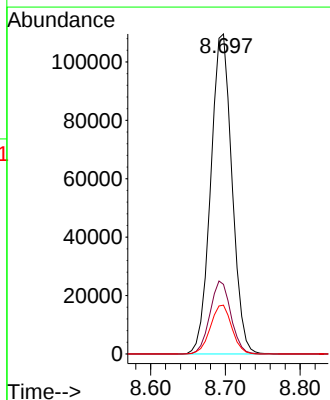
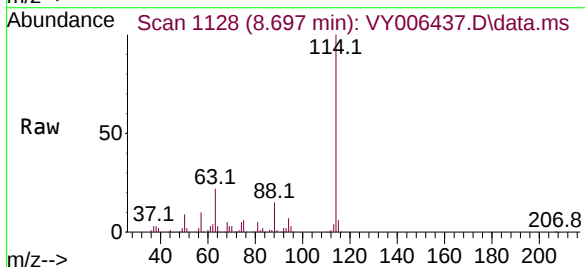
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

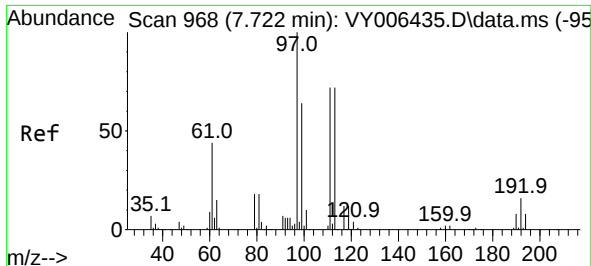
Tgt Ion: 65 Resp: 265475
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 98.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY006437.D
 Acq: 22 Oct 2021 13:37

Tgt Ion: 114 Resp: 216659
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 45.0
 88 15.3 0.0 30.6

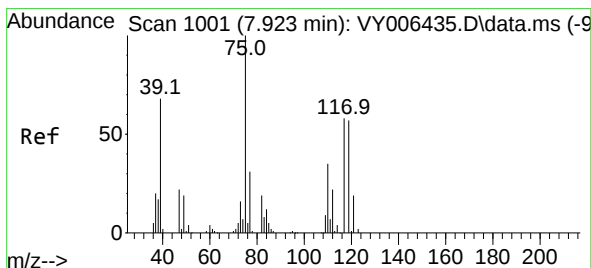
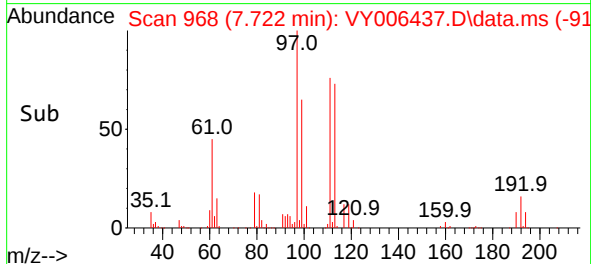
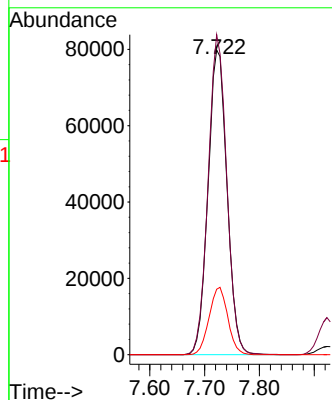
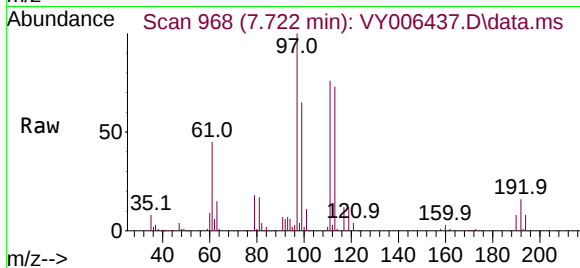




#35
Dibromofluoromethane
Concen: 158.754 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

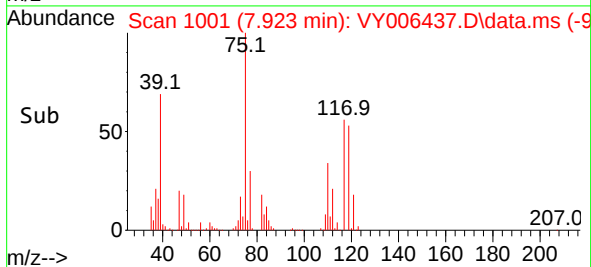
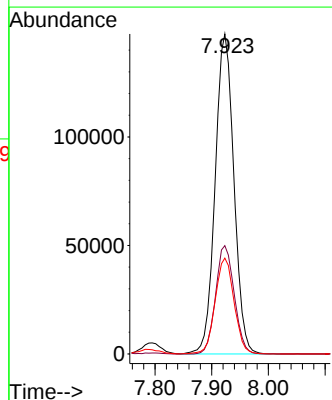
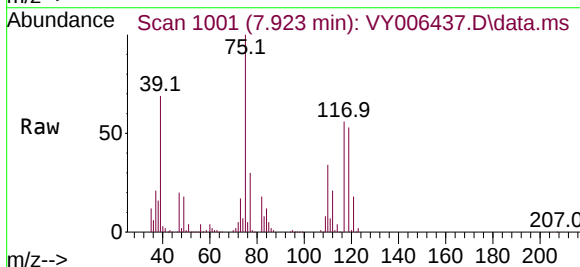
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

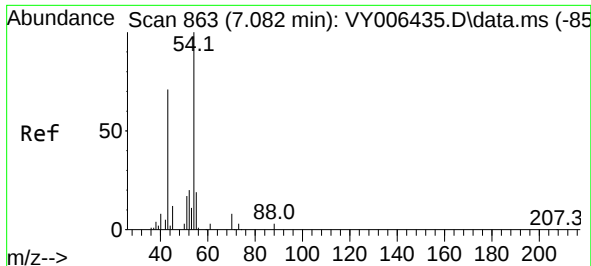
Tgt Ion:113 Resp: 191711
Ion Ratio Lower Upper
113 100
111 102.7 82.3 123.5
192 21.7 17.4 26.2



#36
1,1-Dichloropropene
Concen: 158.063 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

Tgt Ion: 75 Resp: 338374
Ion Ratio Lower Upper
75 100
110 33.7 17.1 51.3
77 30.4 24.9 37.3

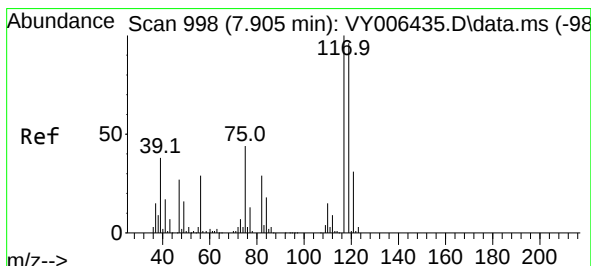
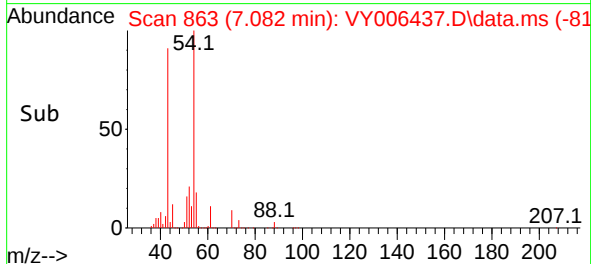
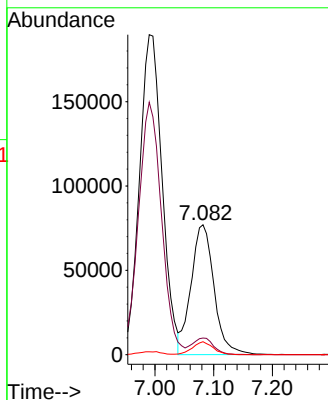
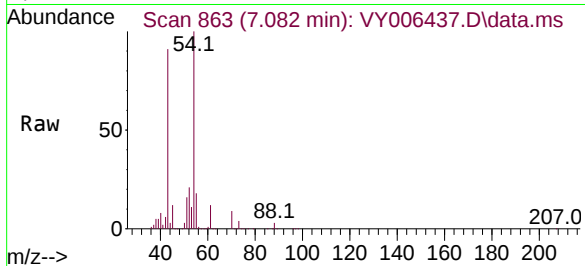




#37
Ethyl Acetate
Concen: 154.300 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

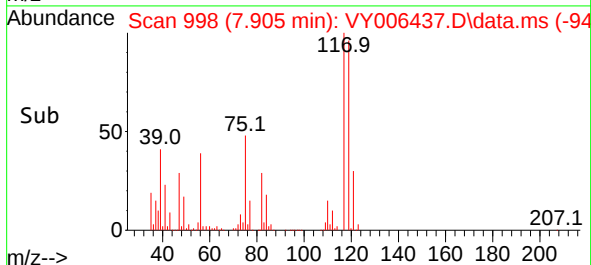
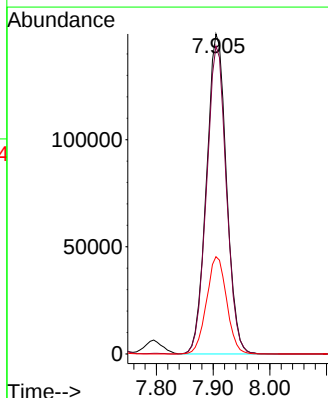
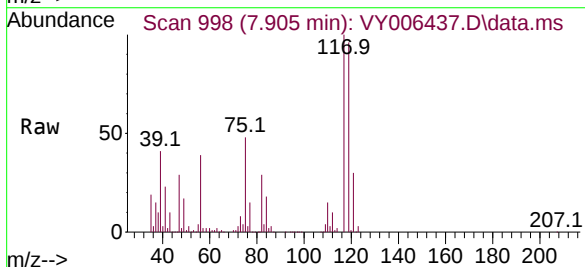
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

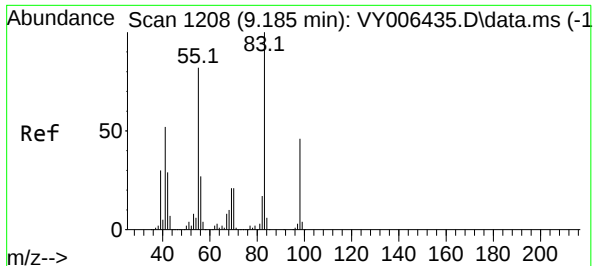
Tgt Ion: 43 Resp: 209047
Ion Ratio Lower Upper
43 100
61 12.0 9.4 14.2
70 9.0 6.9 10.3



#38
Carbon Tetrachloride
Concen: 154.891 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

Tgt Ion: 117 Resp: 365789
Ion Ratio Lower Upper
117 100
119 96.3 76.6 115.0
121 30.4 24.7 37.1





#39

Methylcyclohexane

Concen: 161.167 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. 0.000 min

Lab File: VY006437.D

Acq: 22 Oct 2021 13:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

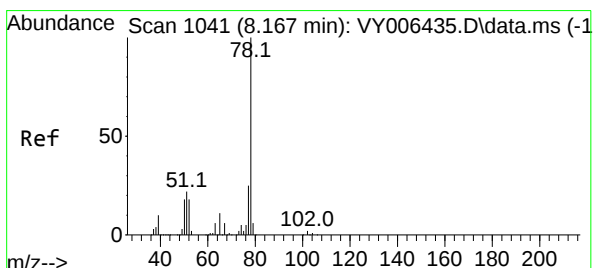
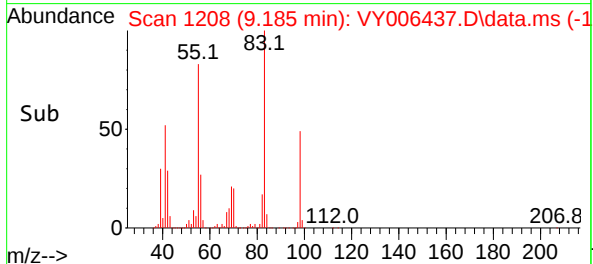
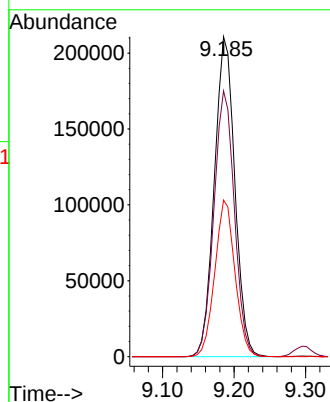
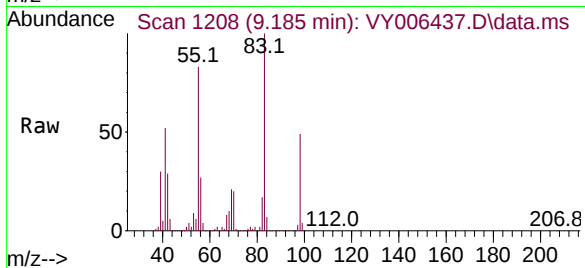
Tgt Ion: 83 Resp: 420000

Ion Ratio Lower Upper

83 100

55 83.1 65.3 97.9

98 48.9 37.0 55.4



#40

Benzene

Concen: 157.079 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY006437.D

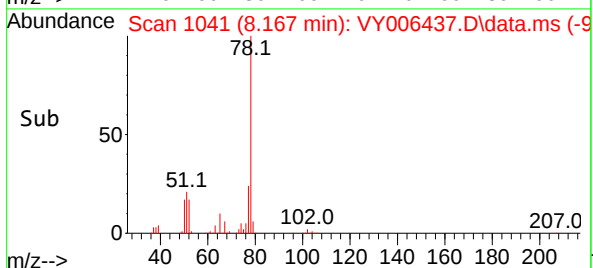
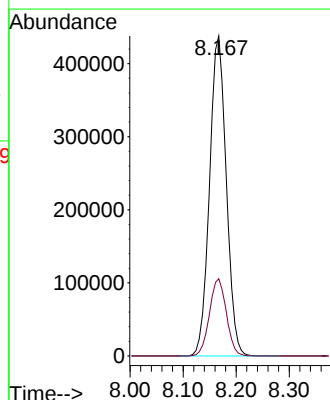
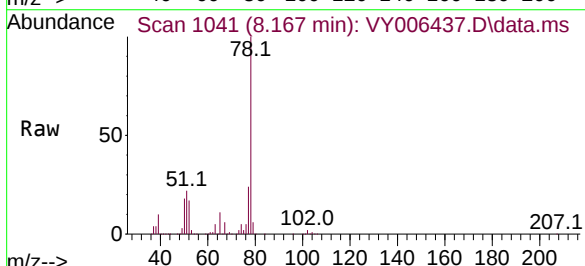
Acq: 22 Oct 2021 13:37

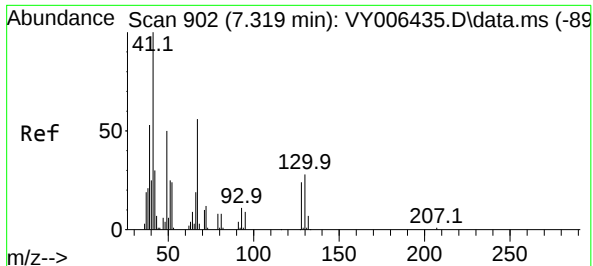
Tgt Ion: 78 Resp: 959084

Ion Ratio Lower Upper

78 100

77 24.1 19.7 29.5

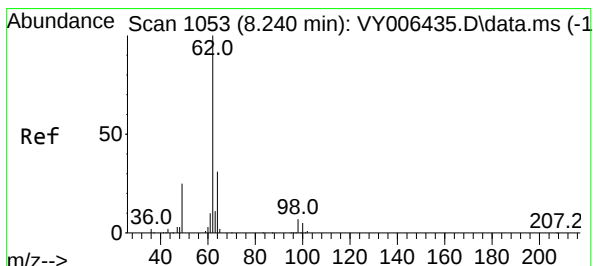
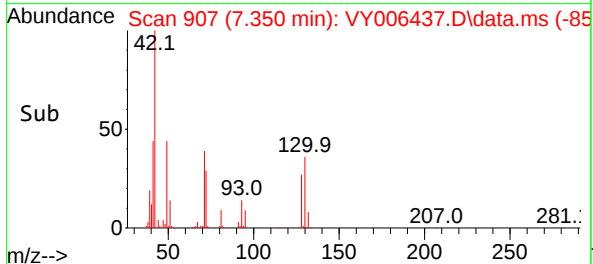
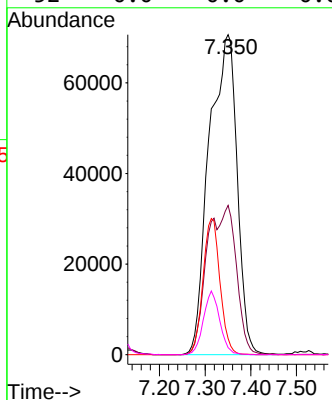
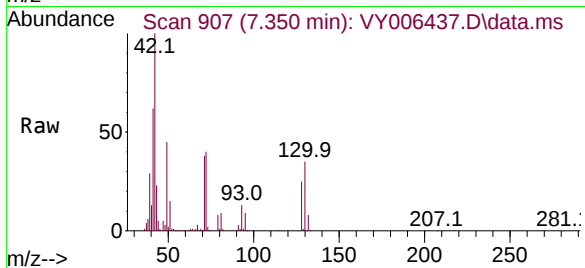




#41
Methacrylonitrile
Concen: 417.574 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.031 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

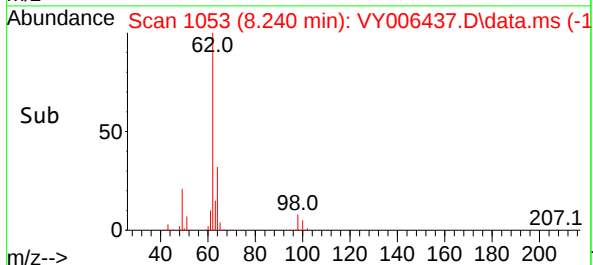
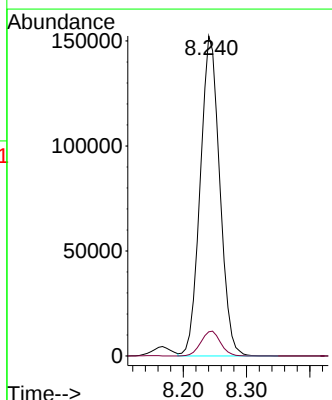
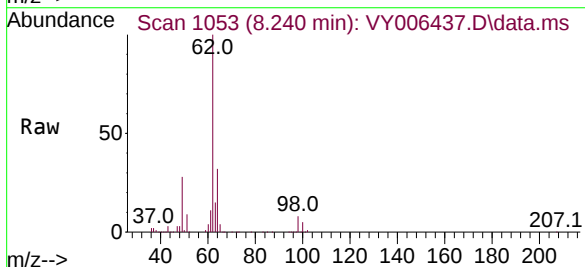
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

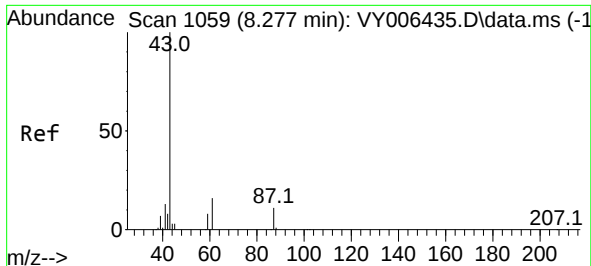
Tgt Ion: 41 Resp: 299311
Ion Ratio Lower Upper
41 100
39 0.0 109.0 163.6#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 149.823 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

Tgt Ion: 62 Resp: 326672
Ion Ratio Lower Upper
62 100
98 7.8 0.0 15.2

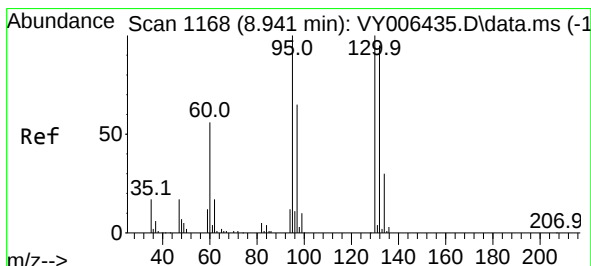
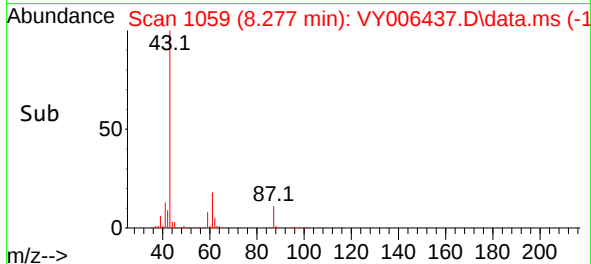
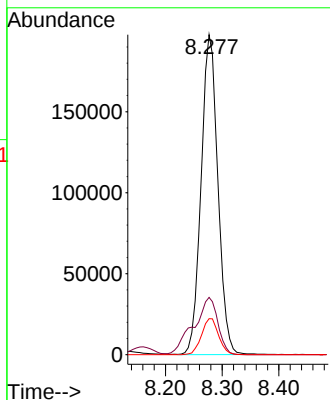
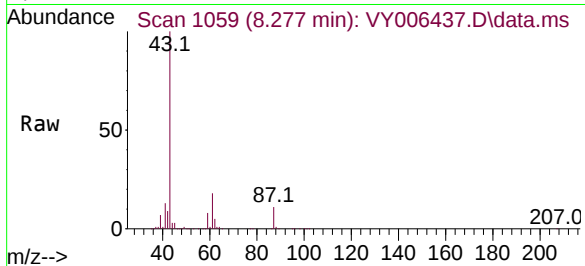




#43
Isopropyl Acetate
Concen: 154.717 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

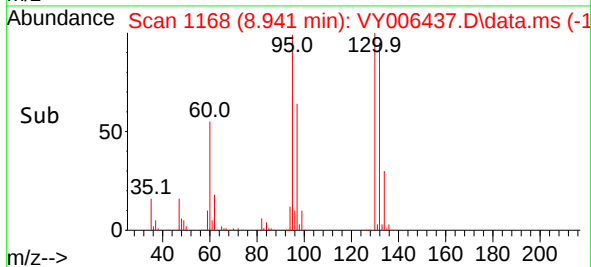
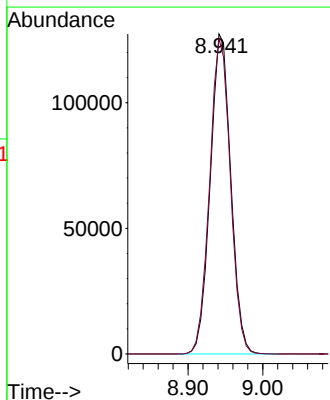
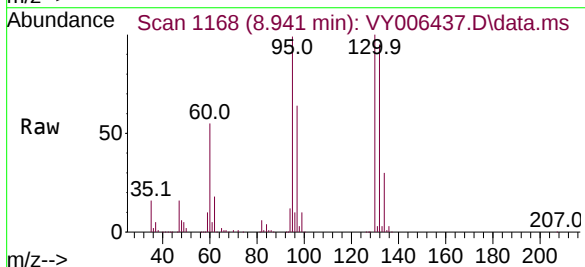
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

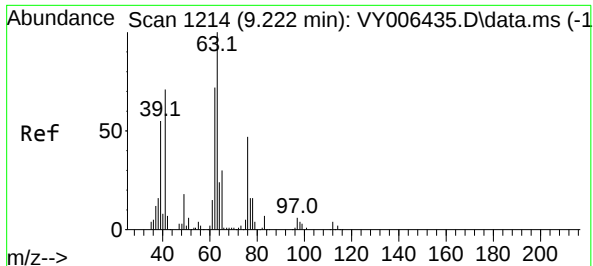
Tgt Ion: 43 Resp: 406638
Ion Ratio Lower Upper
43 100
61 25.7 20.5 30.7
87 11.4 9.0 13.6



#44
Trichloroethene
Concen: 154.564 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

Tgt Ion:130 Resp: 243389
Ion Ratio Lower Upper
130 100
95 98.5 0.0 200.4





#45

1,2-Dichloropropane

Concen: 155.384 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VY006437.D

Acq: 22 Oct 2021 13:37

Instrument :

MSVOA_Y

ClientSampleId :

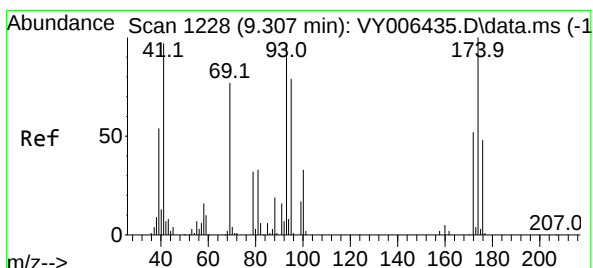
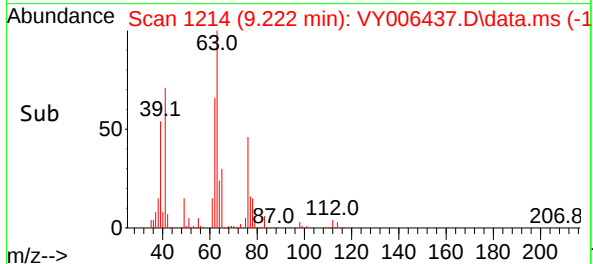
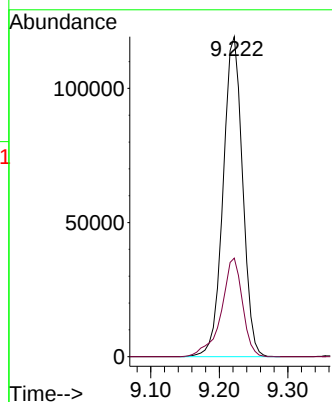
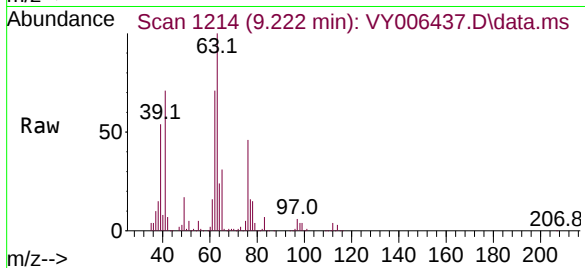
VSTDIC150

Tgt Ion: 63 Resp: 234996

Ion Ratio Lower Upper

63 100

65 30.8 24.2 36.2



#46

Dibromomethane

Concen: 155.263 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY006437.D

Acq: 22 Oct 2021 13:37

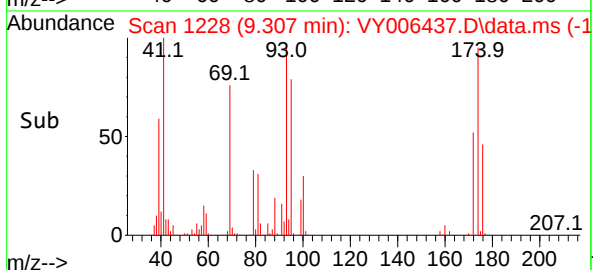
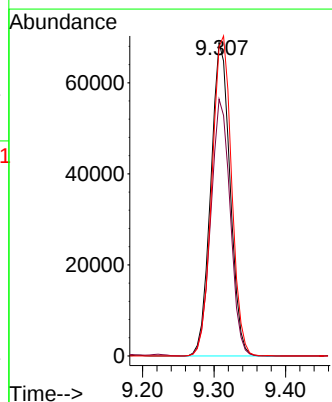
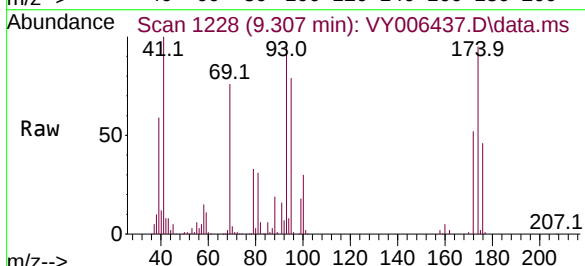
Tgt Ion: 93 Resp: 128892

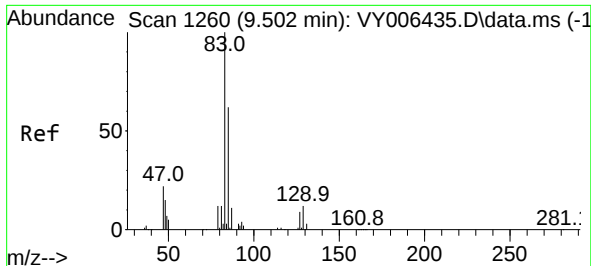
Ion Ratio Lower Upper

93 100

95 82.0 65.5 98.3

174 103.9 84.3 126.5

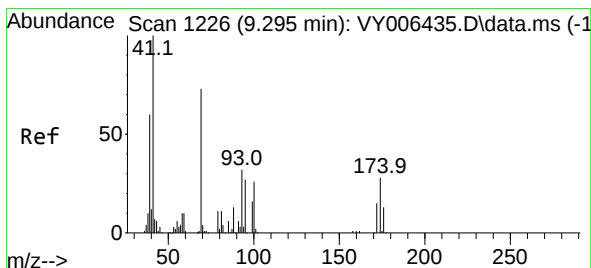
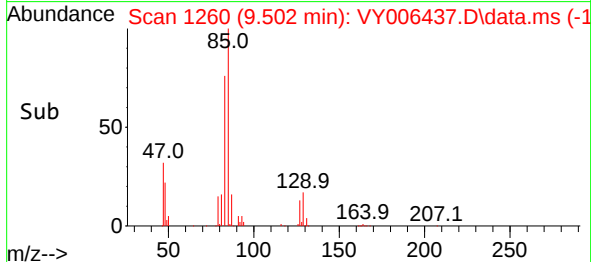
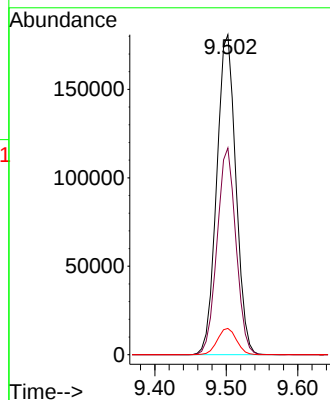
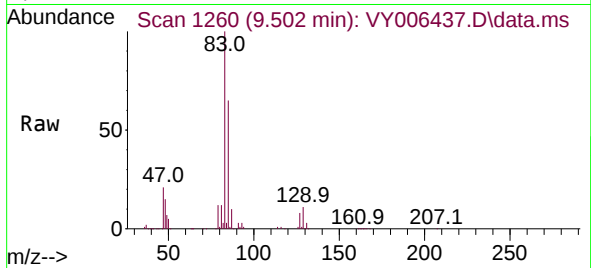




#47
Bromodichloromethane
Concen: 155.519 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

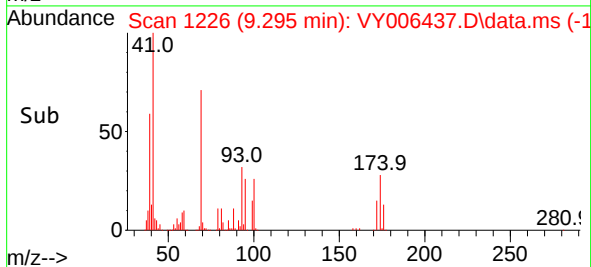
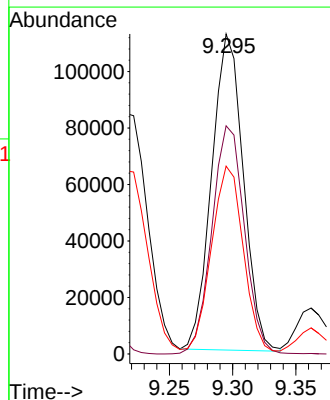
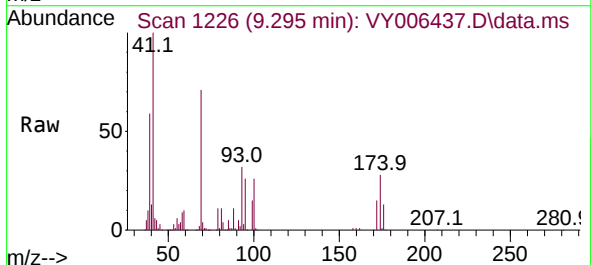
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

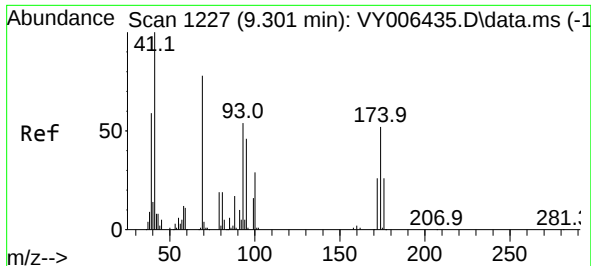
Tgt Ion: 83 Resp: 335858
Ion Ratio Lower Upper
83 100
85 64.6 49.9 74.9
127 8.2 7.1 10.7



#48
Methyl methacrylate
Concen: 159.602 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

Tgt Ion: 41 Resp: 194415
Ion Ratio Lower Upper
41 100
69 74.4 60.4 90.6
39 58.5 48.2 72.2





#49

1,4-Dioxane

Concen: 3049.132 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY006437.D

Acq: 22 Oct 2021 13:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

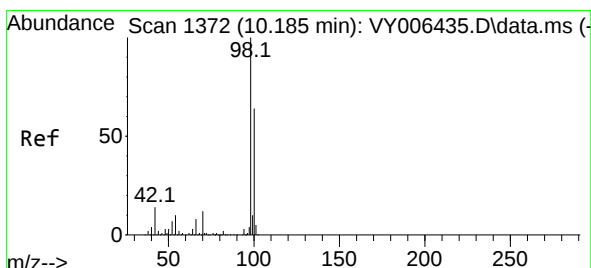
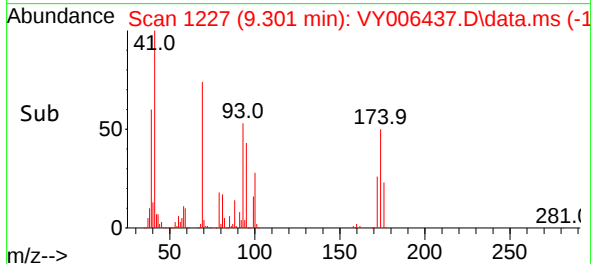
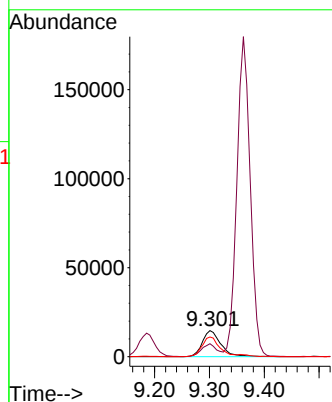
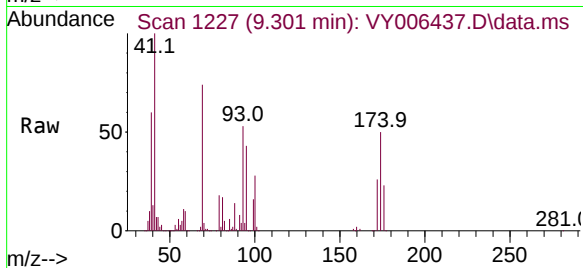
Tgt Ion: 88 Resp: 34365

Ion Ratio Lower Upper

88 100

43 41.6 34.1 51.1

58 71.9 57.5 86.3



#50

Toluene-d8

Concen: 159.314 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY006437.D

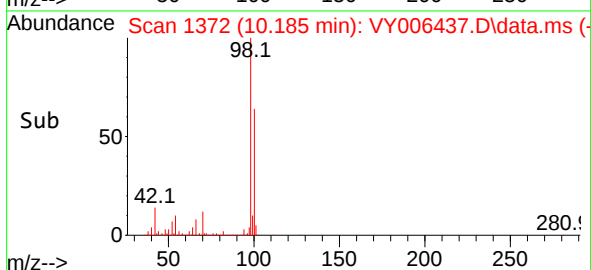
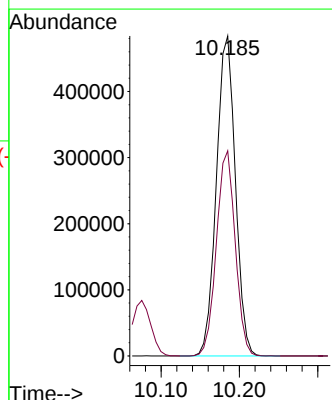
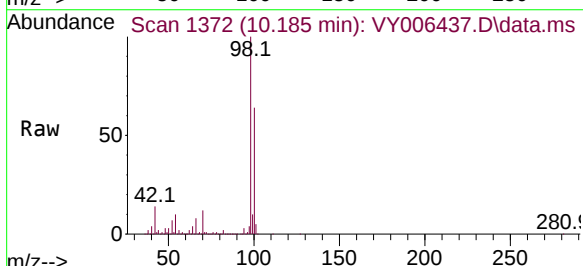
Acq: 22 Oct 2021 13:37

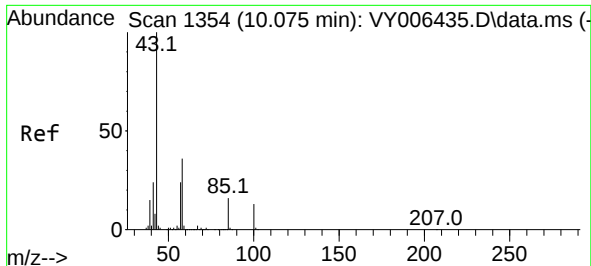
Tgt Ion: 98 Resp: 815555

Ion Ratio Lower Upper

98 100

100 63.6 50.9 76.3

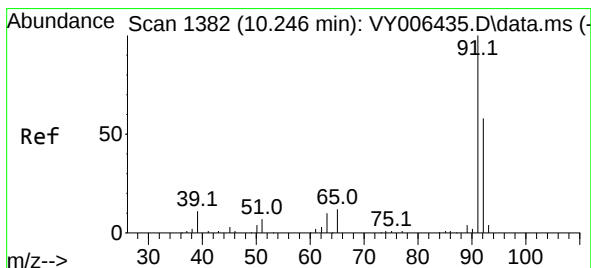
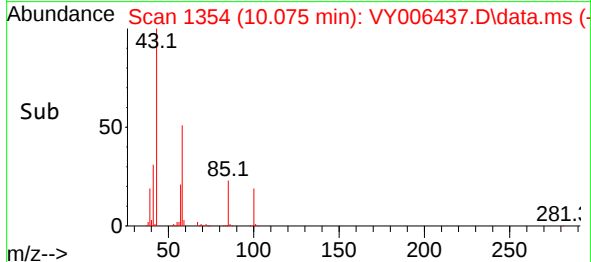
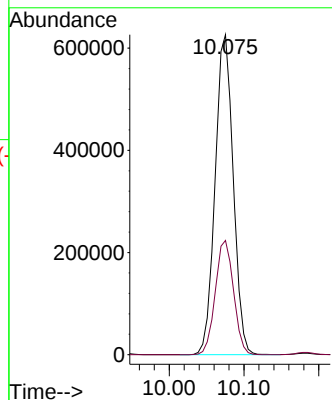
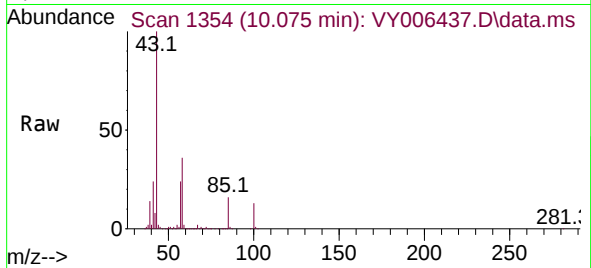




#51
4-Methyl-2-Pentanone
Concen: 766.077 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

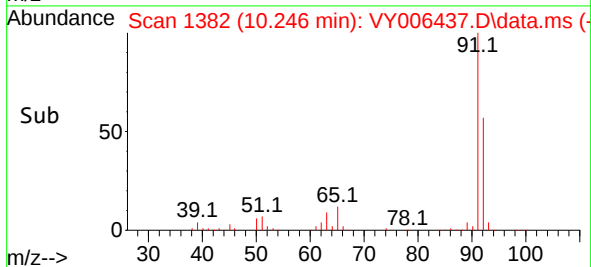
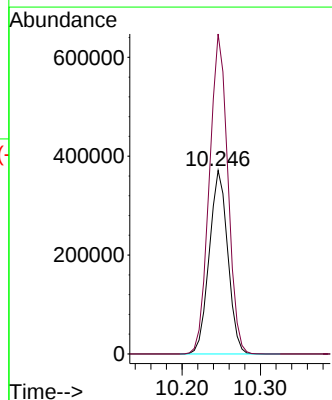
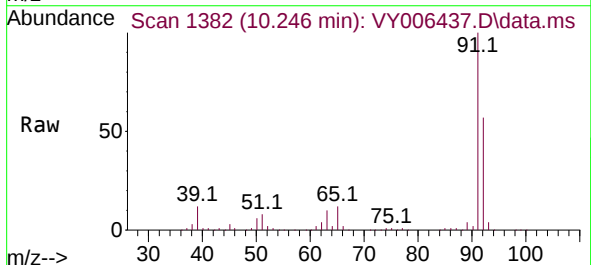
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

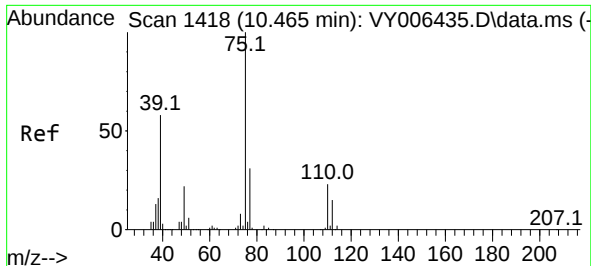
Tgt Ion: 43 Resp: 1055464
Ion Ratio Lower Upper
43 100
58 36.0 28.7 43.1



#52
Toluene
Concen: 158.511 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

Tgt Ion: 92 Resp: 607232
Ion Ratio Lower Upper
92 100
91 174.6 139.7 209.5

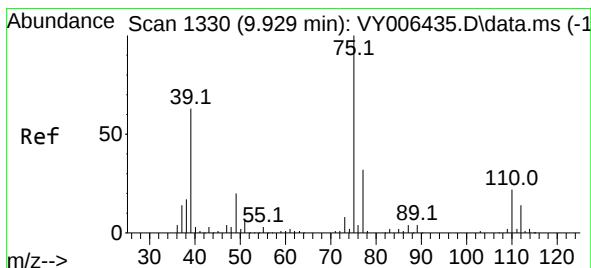
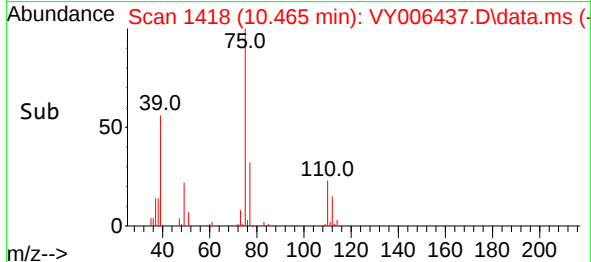
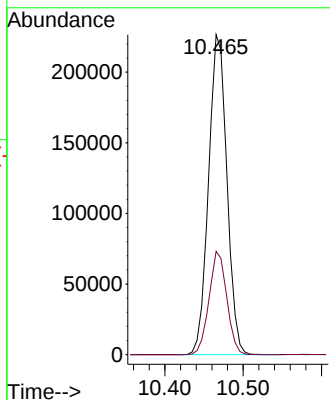
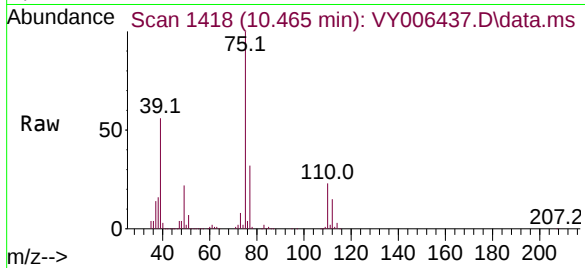




#53
 t-1,3-Dichloropropene
 Concen: 158.173 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY006437.D
 Acq: 22 Oct 2021 13:37

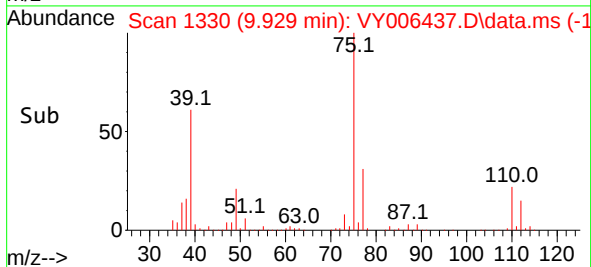
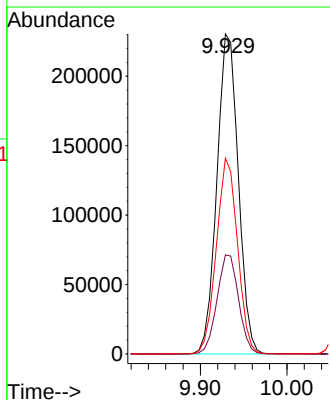
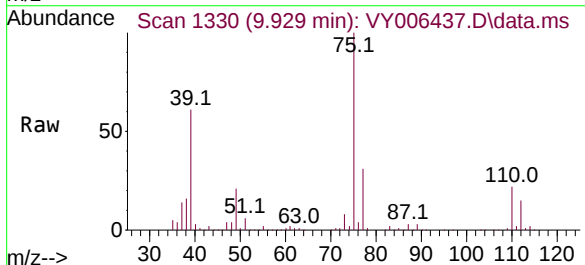
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

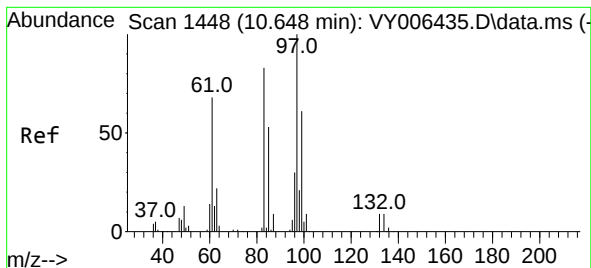
Tgt Ion: 75 Resp: 367986
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 157.189 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY006437.D
 Acq: 22 Oct 2021 13:37

Tgt Ion: 75 Resp: 396211
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.4 38.2
 39 61.2 50.2 75.2



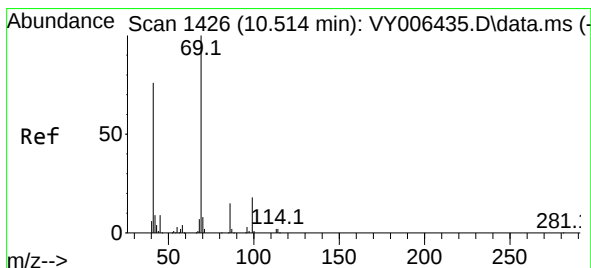
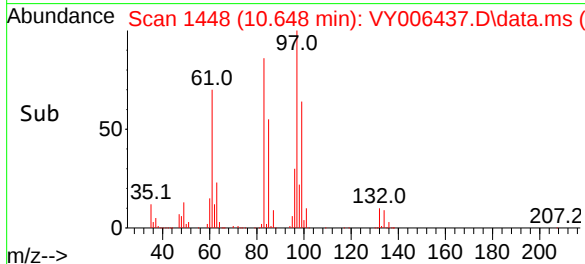
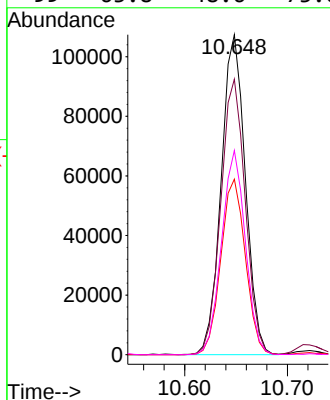
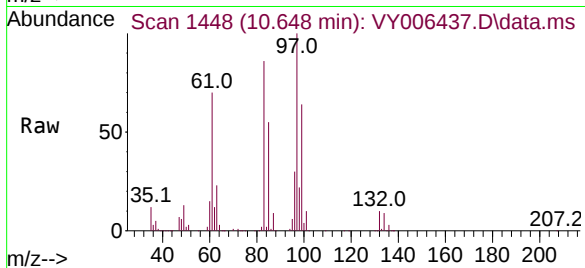


#55
1,1,2-Trichloroethane
Concen: 152.702 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 97 Resp: 175274

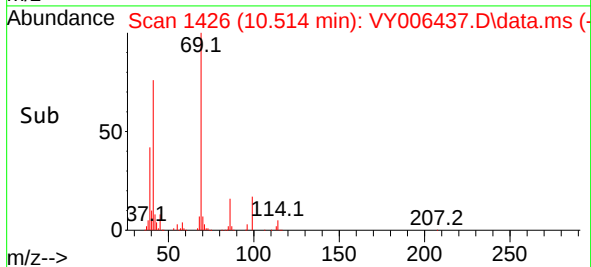
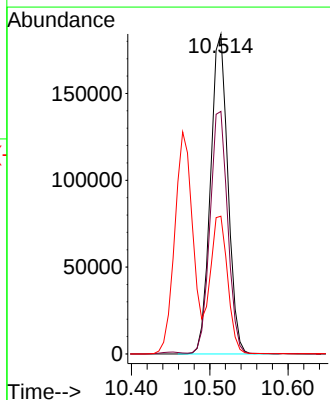
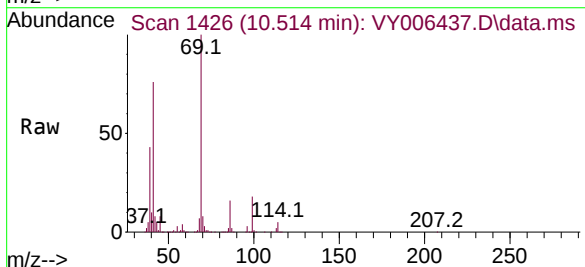
Ion	Ratio	Lower	Upper
97	100		
83	86.1	66.2	99.2
85	54.8	42.2	63.4
99	63.8	48.6	73.0

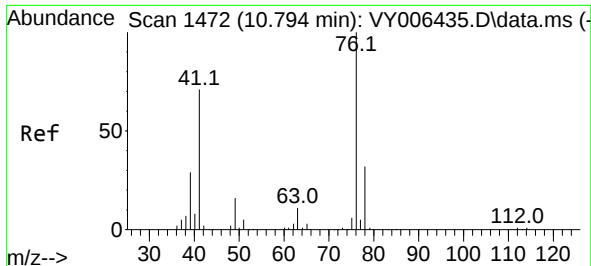


#56
Ethyl methacrylate
Concen: 160.028 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

Tgt Ion: 69 Resp: 283771

Ion	Ratio	Lower	Upper
69	100		
41	77.2	62.9	94.3
39	43.1	35.7	53.5





#57

1,3-Dichloropropane

Concen: 153.951 ug/l

RT: 10.795 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VY006437.D

Acq: 22 Oct 2021 13:37

Instrument :

MSVOA_Y

ClientSampleId :

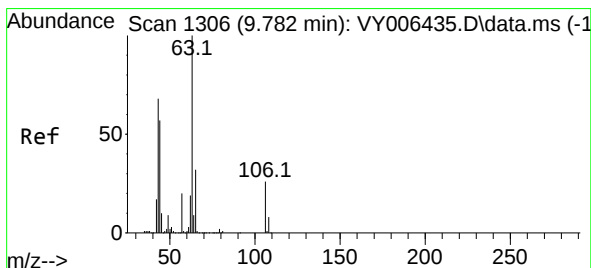
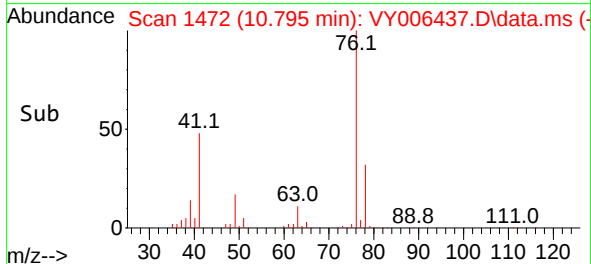
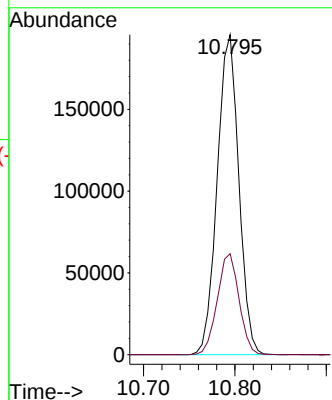
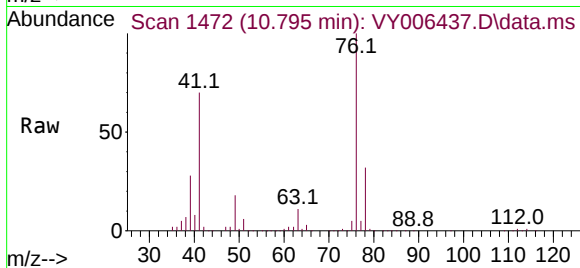
VSTDIC150

Tgt Ion: 76 Resp: 321147

Ion Ratio Lower Upper

76 100

78 31.8 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 748.618 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VY006437.D

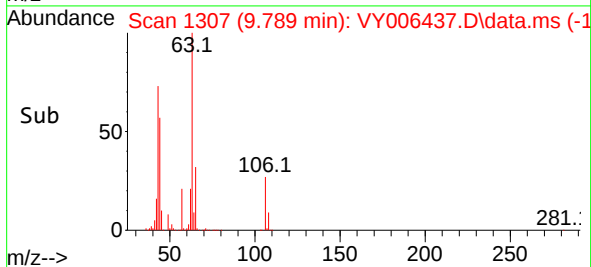
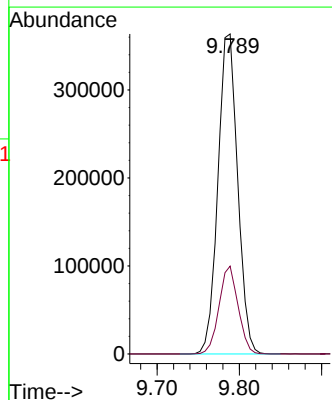
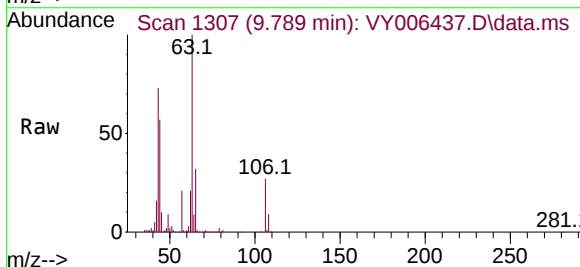
Acq: 22 Oct 2021 13:37

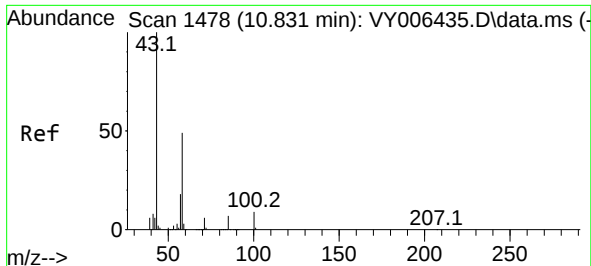
Tgt Ion: 63 Resp: 605581

Ion Ratio Lower Upper

63 100

106 26.5 21.4 32.2

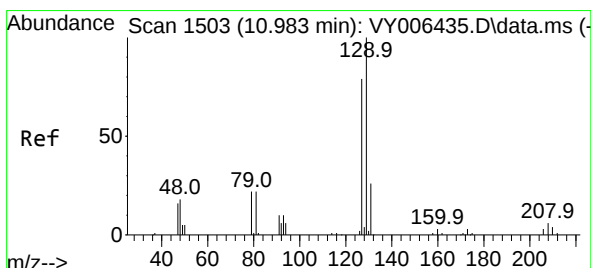
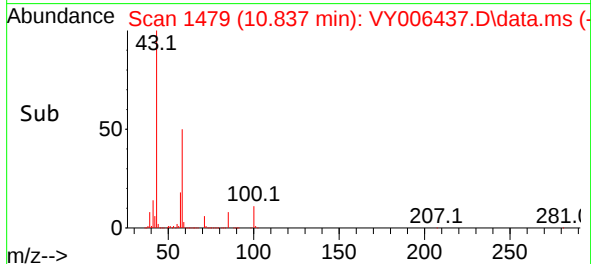
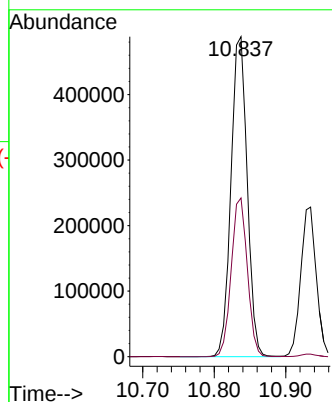
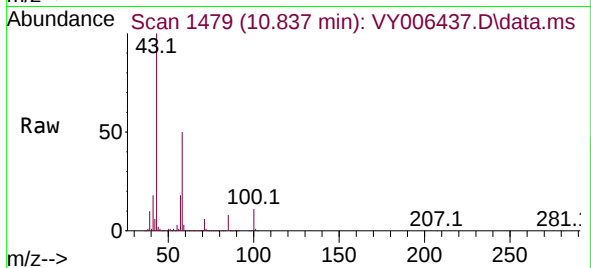




#59
2-Hexanone
Concen: 771.457 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

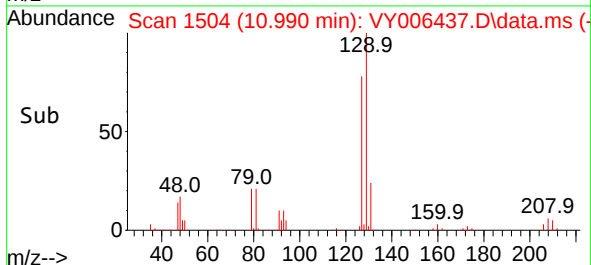
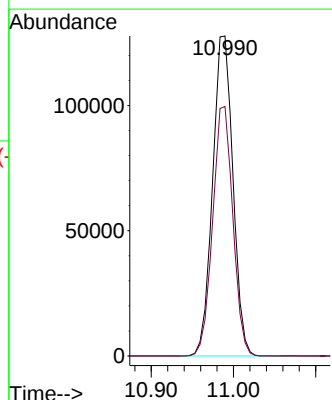
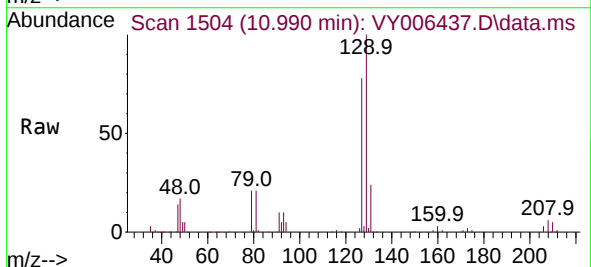
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

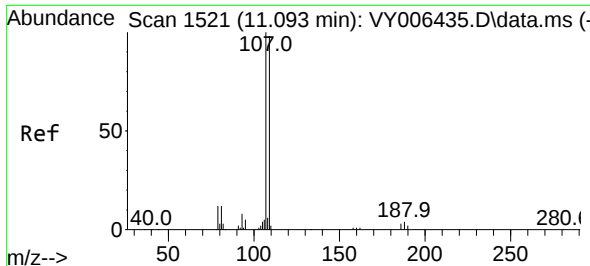
Tgt Ion: 43 Resp: 769254
Ion Ratio Lower Upper
43 100
58 49.2 24.6 73.6



#60
Dibromochloromethane
Concen: 154.957 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

Tgt Ion:129 Resp: 219390
Ion Ratio Lower Upper
129 100
127 77.4 39.4 118.1

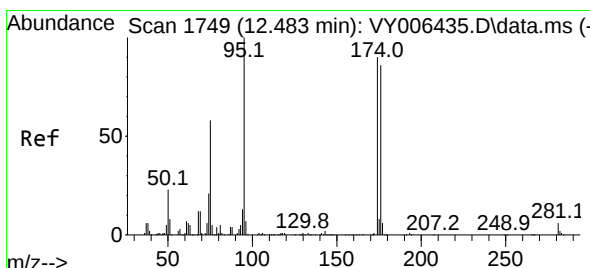
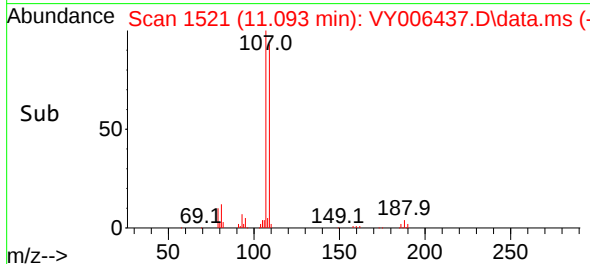
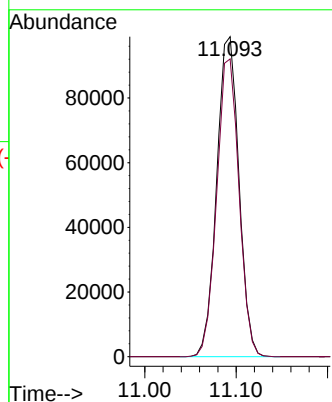
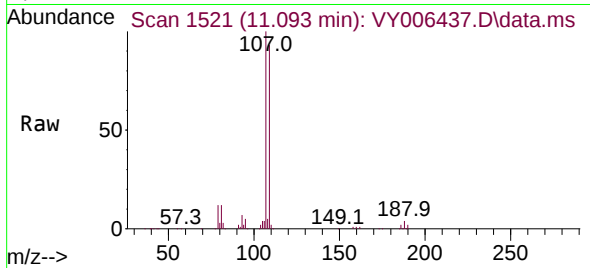




#61
1,2-Dibromoethane
Concen: 154.772 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

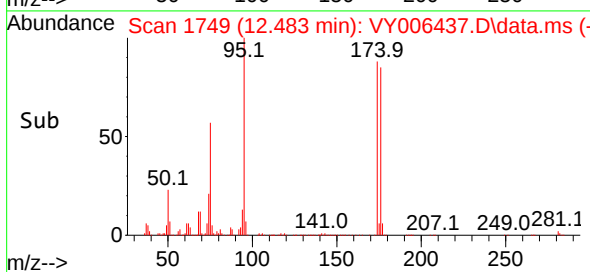
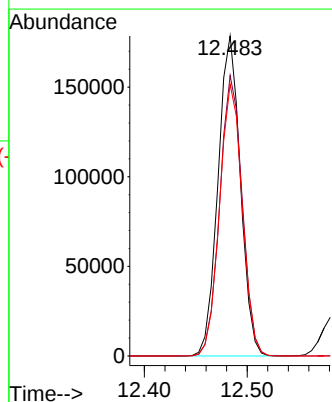
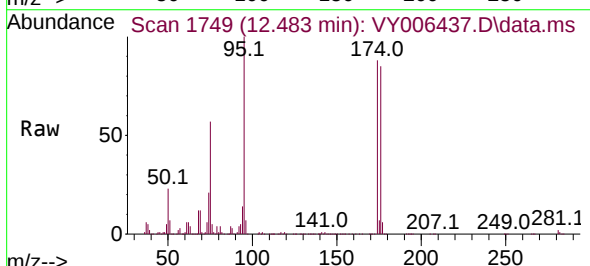
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

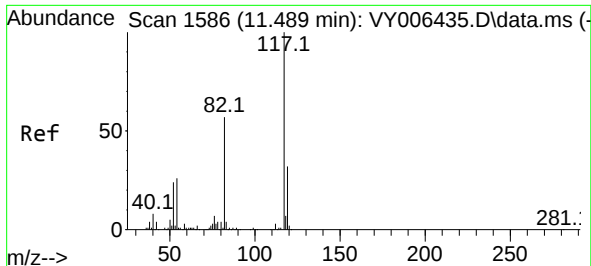
Tgt Ion:107 Resp: 167256
Ion Ratio Lower Upper
107 100
109 93.3 76.2 114.2



#62
4-Bromofluorobenzene
Concen: 156.008 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

Tgt Ion: 95 Resp: 269026
Ion Ratio Lower Upper
95 100
174 88.1 0.0 177.0
176 86.0 0.0 169.4

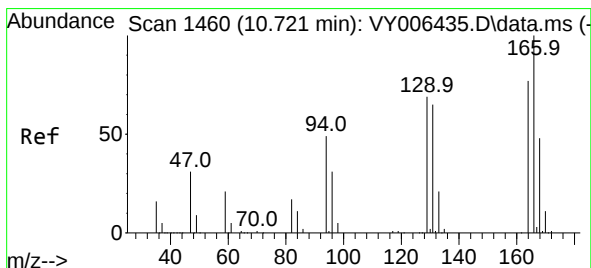
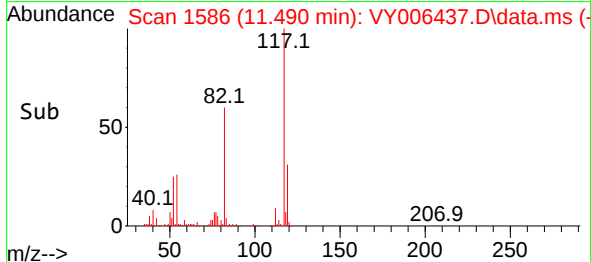
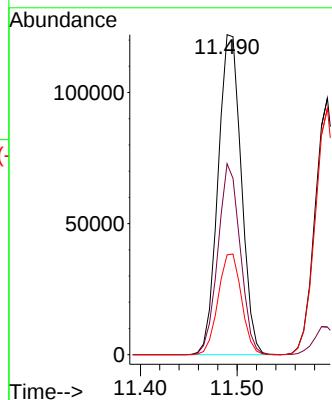
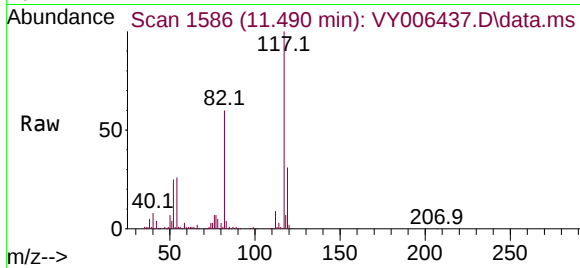




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

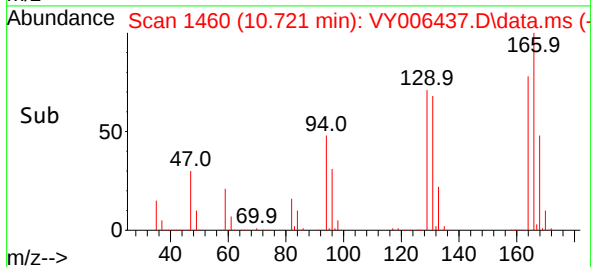
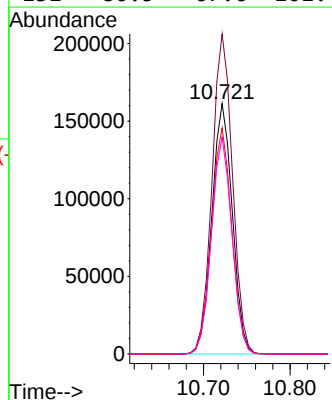
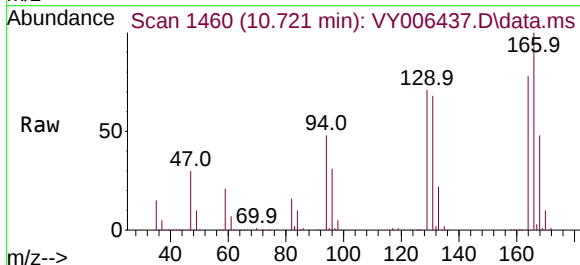
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

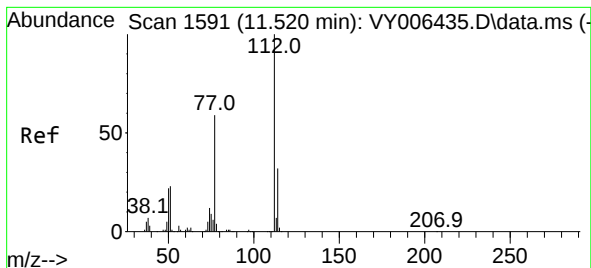
Tgt Ion:117 Resp: 203181
Ion Ratio Lower Upper
117 100
82 59.7 45.7 68.5
119 31.2 25.5 38.3



#64
Tetrachloroethene
Concen: 149.137 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

Tgt Ion:164 Resp: 264960
Ion Ratio Lower Upper
164 100
166 127.8 103.3 154.9
129 90.3 71.2 106.8
131 86.5 67.6 101.4





#65

Chlorobenzene

Concen: 155.489 ug/l

RT: 11.520 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY006437.D

Acq: 22 Oct 2021 13:37

Instrument :

MSVOA_Y

ClientSampleId :

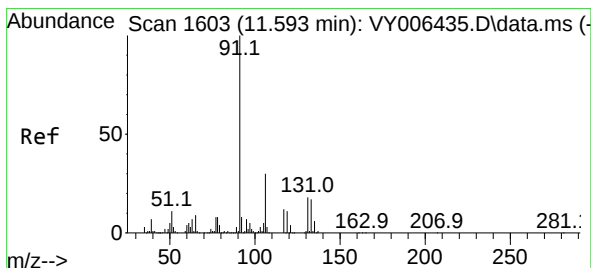
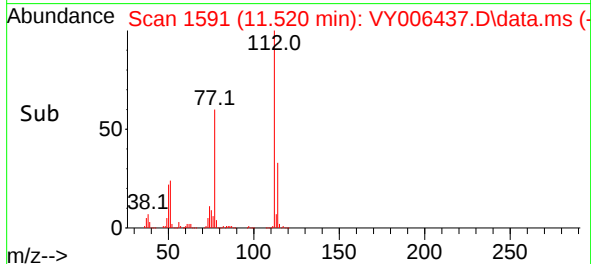
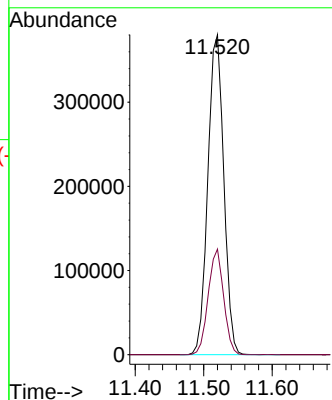
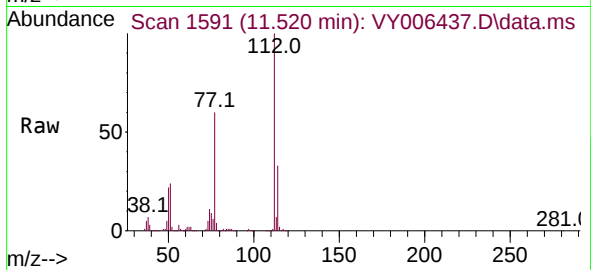
VSTDIC150

Tgt Ion:112 Resp: 614841

Ion Ratio Lower Upper

112 100

114 33.0 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 159.073 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY006437.D

Acq: 22 Oct 2021 13:37

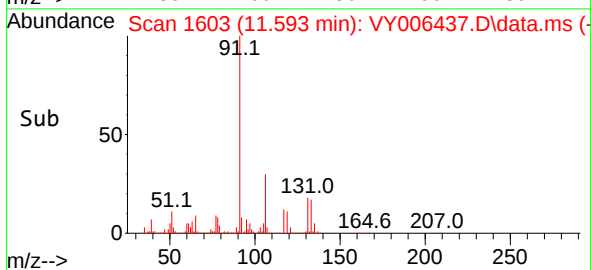
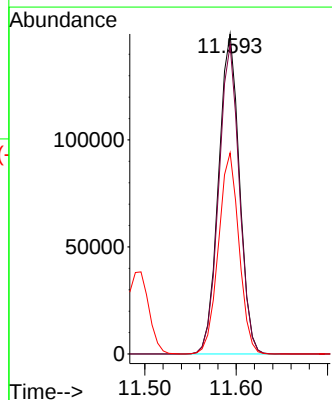
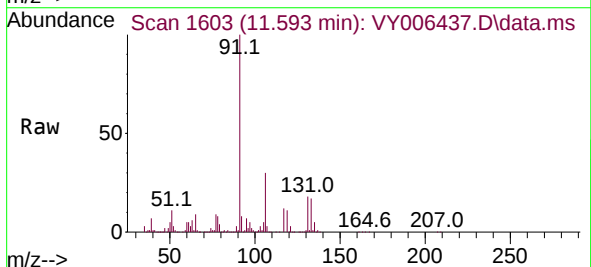
Tgt Ion:131 Resp: 236793

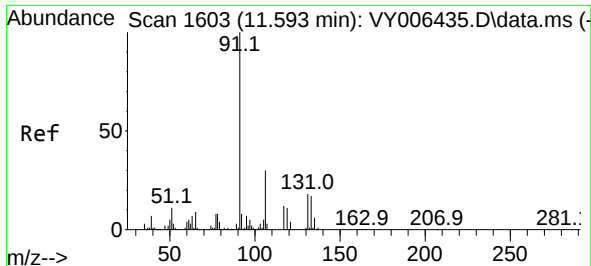
Ion Ratio Lower Upper

131 100

133 95.1 47.8 143.3

119 61.9 30.8 92.4





#67

Ethyl Benzene

Concen: 163.285 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY006437.D

Acq: 22 Oct 2021 13:37

Instrument :

MSVOA_Y

ClientSampleId :

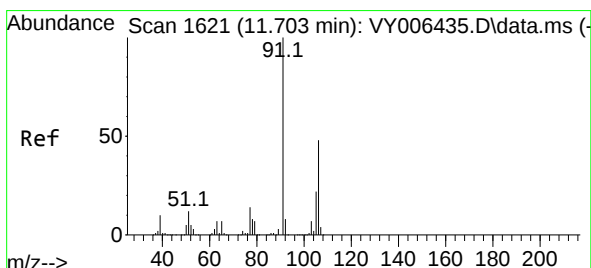
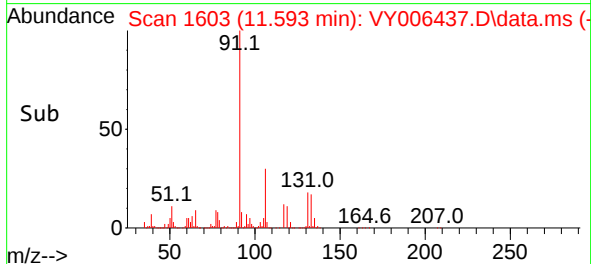
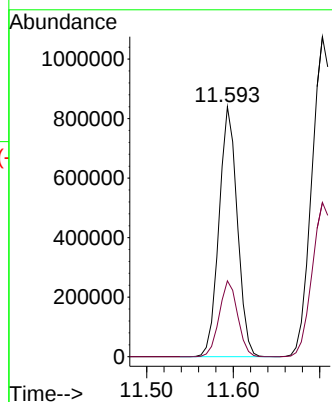
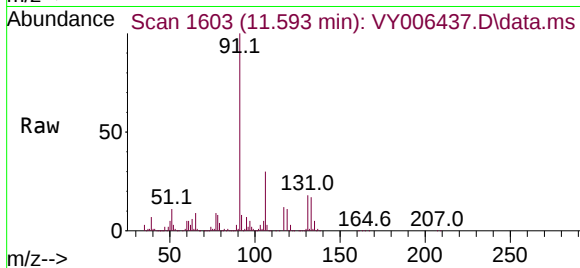
VSTDIC150

Tgt Ion: 91 Resp: 1229452

Ion Ratio Lower Upper

91 100

106 30.3 24.2 36.4



#68

m/p-Xylenes

Concen: 324.874 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY006437.D

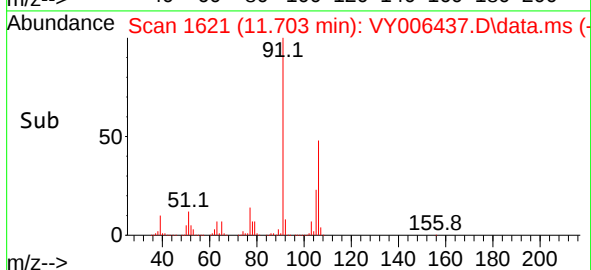
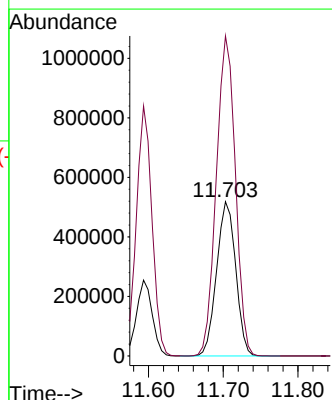
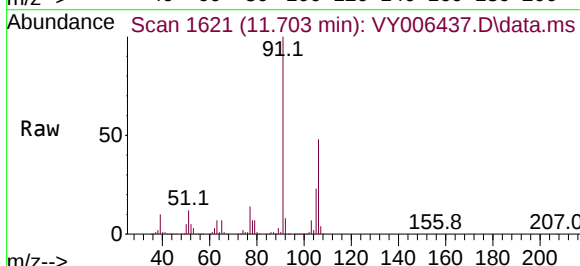
Acq: 22 Oct 2021 13:37

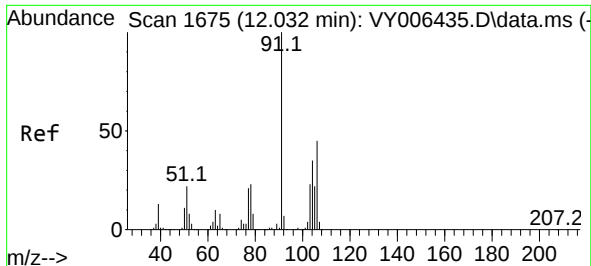
Tgt Ion:106 Resp: 920232

Ion Ratio Lower Upper

106 100

91 207.6 167.5 251.3

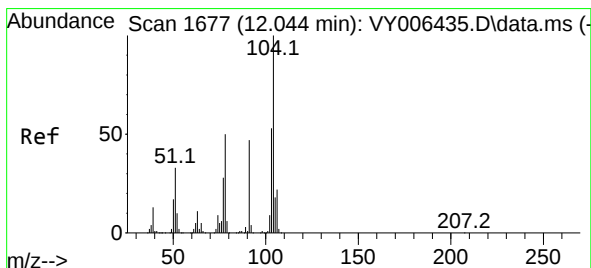
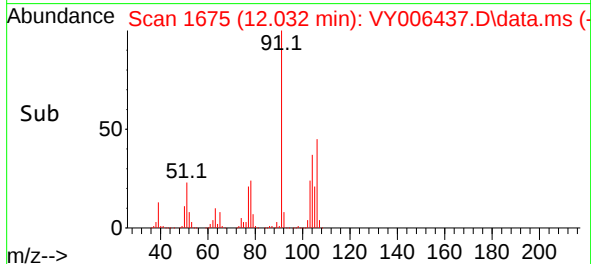
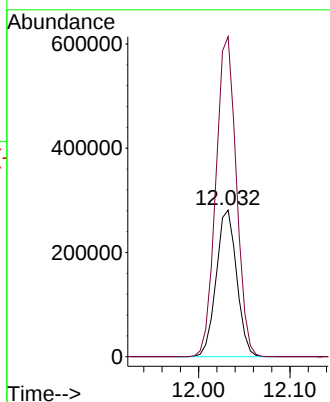
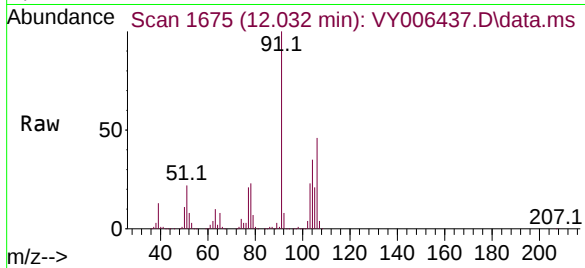




#69
o-Xylene
Concen: 162.060 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

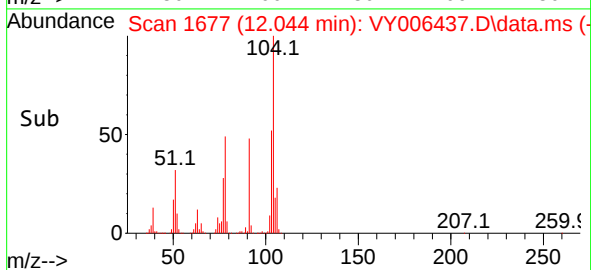
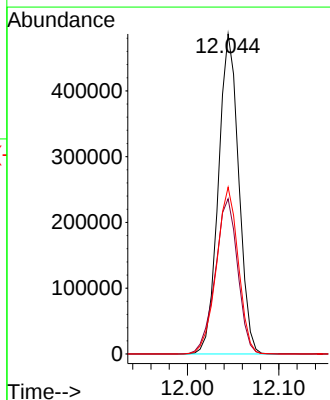
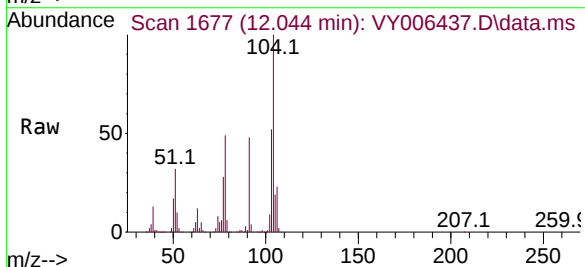
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

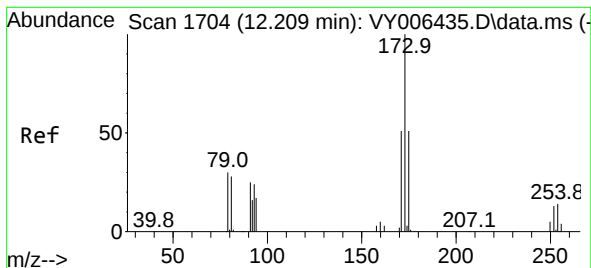
Tgt Ion:106 Resp: 438020
Ion Ratio Lower Upper
106 100
91 218.6 110.3 330.9



#70
Styrene
Concen: 163.001 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

Tgt Ion:104 Resp: 753269
Ion Ratio Lower Upper
104 100
78 53.3 42.6 63.8
103 55.8 44.6 67.0





#71

Bromoform

Concen: 153.669 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VY006437.D

Acq: 22 Oct 2021 13:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

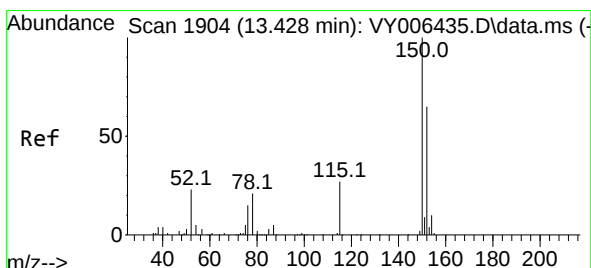
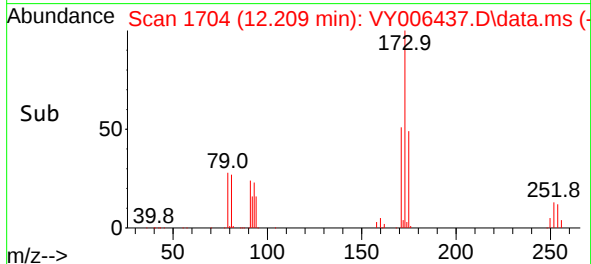
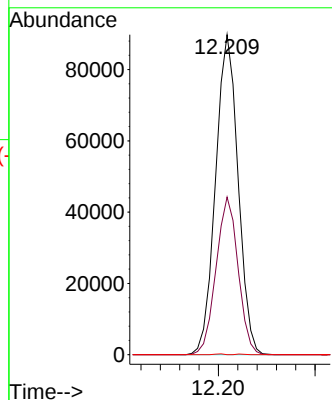
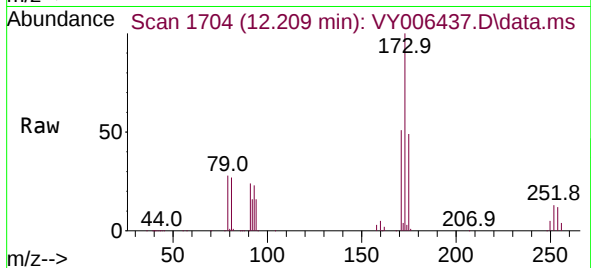
Tgt Ion:173 Resp: 144597

Ion Ratio Lower Upper

173 100

175 48.3 24.8 74.3

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY006437.D

Acq: 22 Oct 2021 13:37

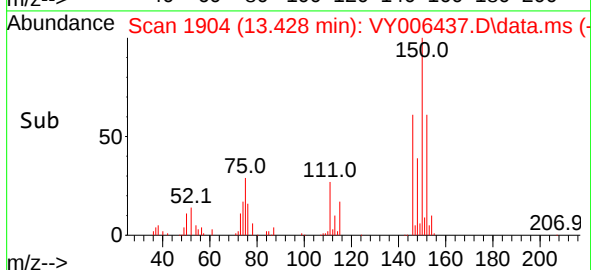
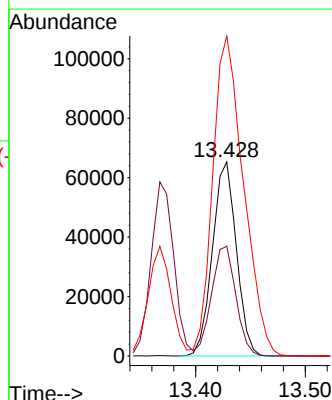
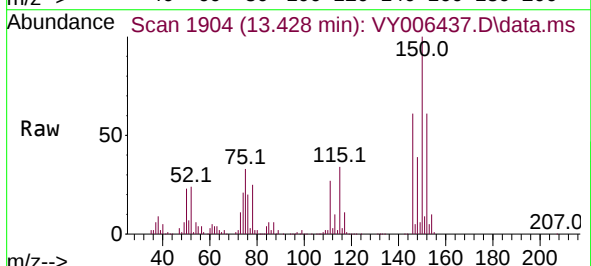
Tgt Ion:152 Resp: 98976

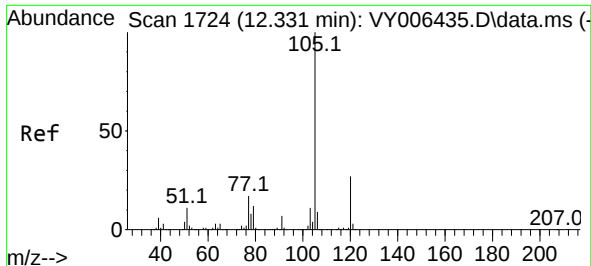
Ion Ratio Lower Upper

152 100

115 57.8 28.5 85.5

150 212.4 0.0 348.2

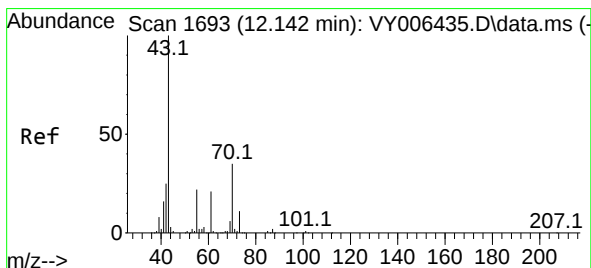
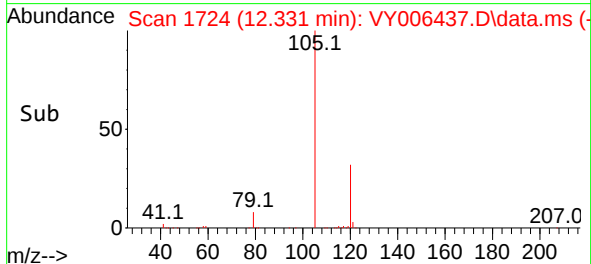
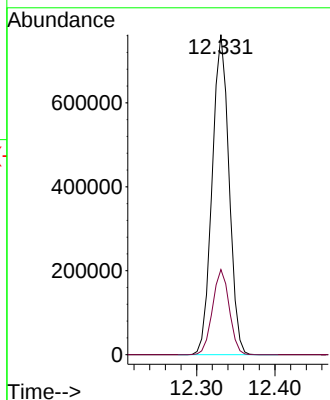
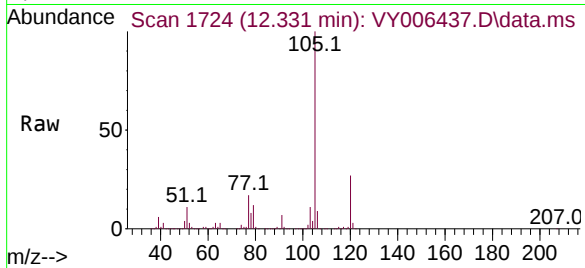




#73
Isopropylbenzene
Concen: 164.587 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

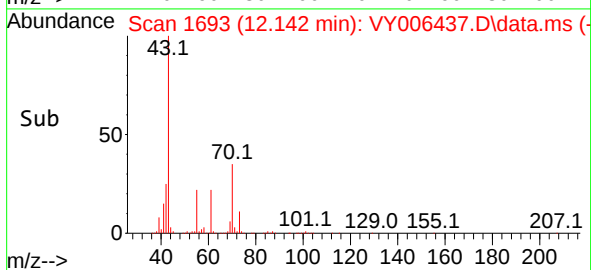
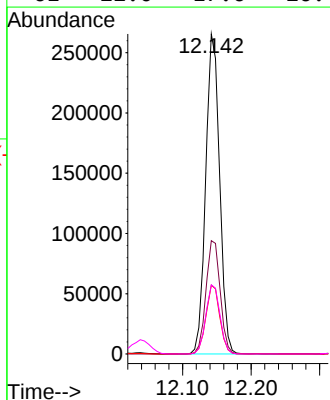
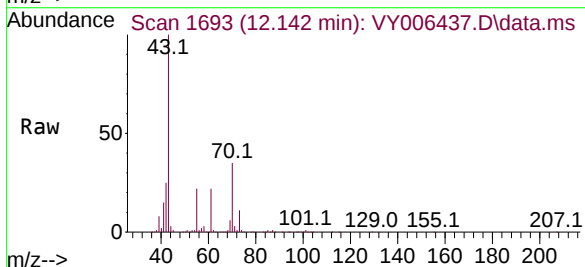
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

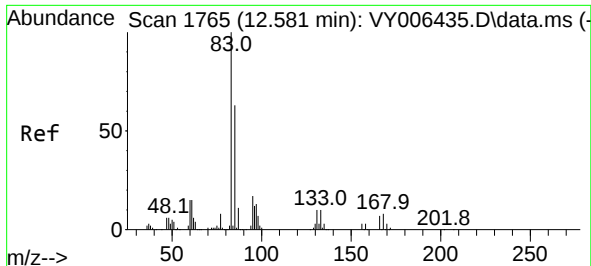
Tgt Ion:105 Resp: 1139522
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.9



#74
N-ethyl acetate
Concen: 163.278 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

Tgt Ion: 43 Resp: 375008
Ion Ratio Lower Upper
43 100
70 36.2 29.4 44.0
55 21.5 18.1 27.1
61 22.0 17.6 26.4

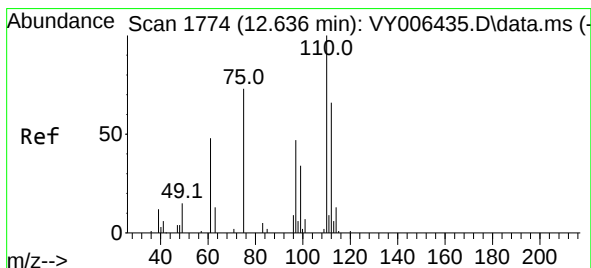
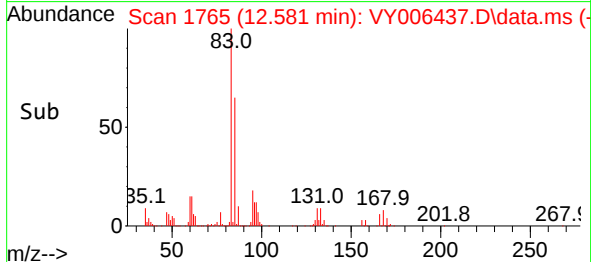
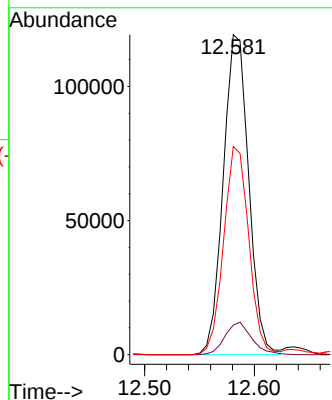
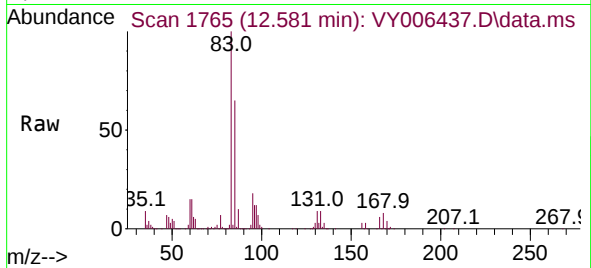




#75
 1,1,2,2-Tetrachloroethane
 Concen: 160.614 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. 0.000 min
 Lab File: VY006437.D
 Acq: 22 Oct 2021 13:37

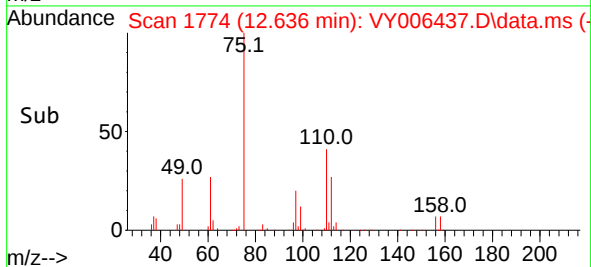
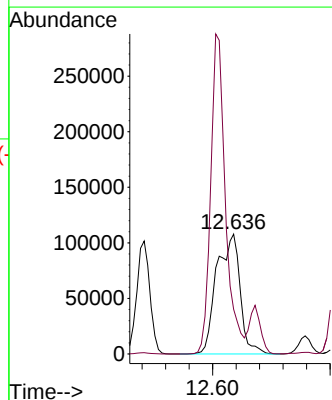
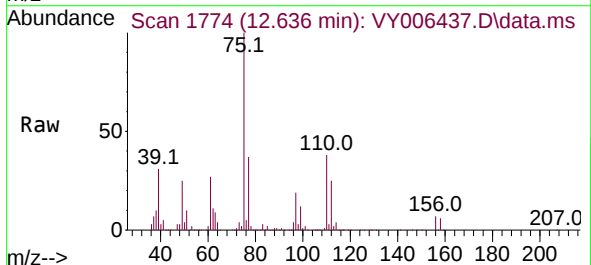
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

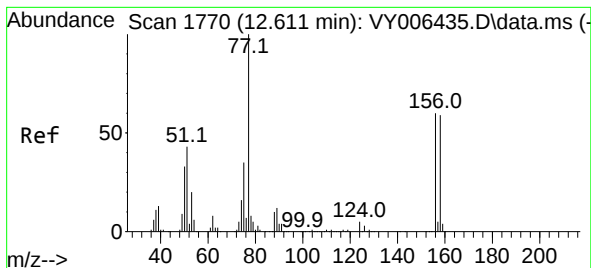
Tgt Ion: 83 Resp: 192516
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.5 16.4
 85 64.3 31.9 95.9



#76
 1,2,3-Trichloropropane
 Concen: 548.822 ug/l
 RT: 12.636 min Scan# 1774
 Delta R.T. 0.000 min
 Lab File: VY006437.D
 Acq: 22 Oct 2021 13:37

Tgt Ion: 75 Resp: 298706
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 160.650 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY006437.D

Acq: 22 Oct 2021 13:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

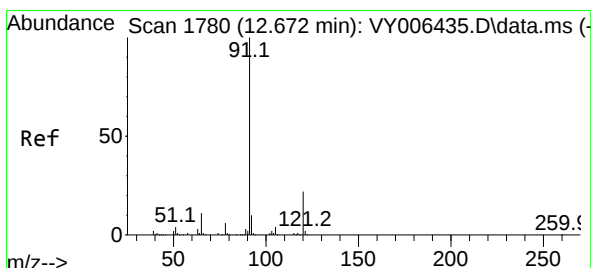
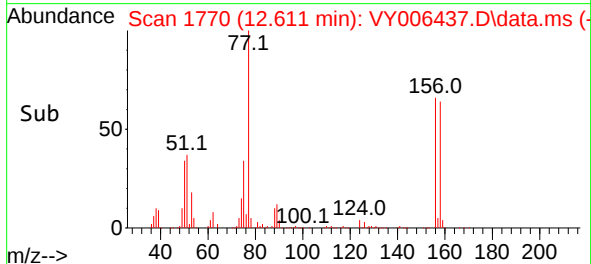
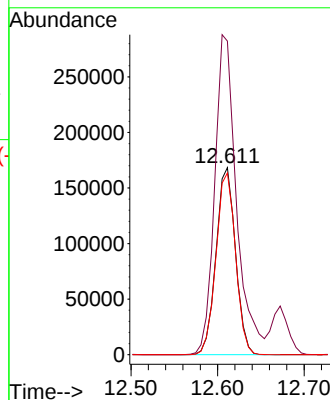
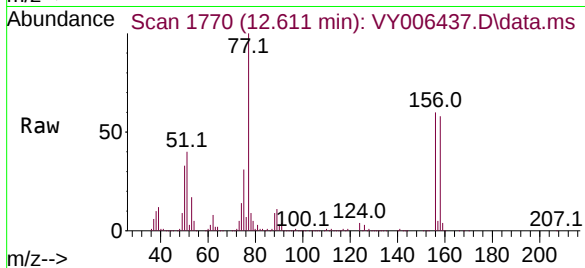
Tgt Ion:156 Resp: 262050

Ion Ratio Lower Upper

156 100

77 192.2 94.2 282.4

158 97.7 48.6 145.8



#78

n-propylbenzene

Concen: 163.968 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY006437.D

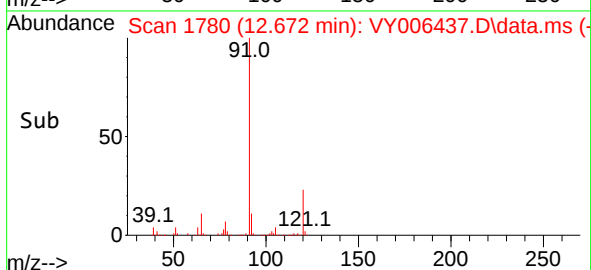
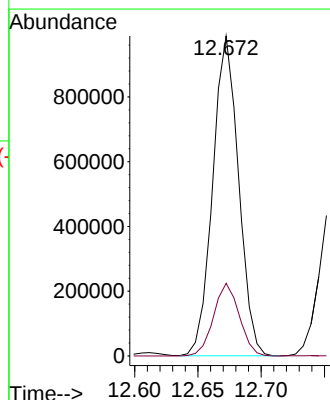
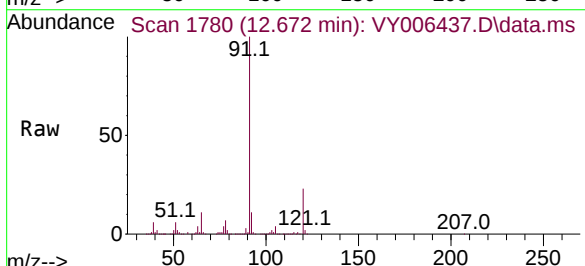
Acq: 22 Oct 2021 13:37

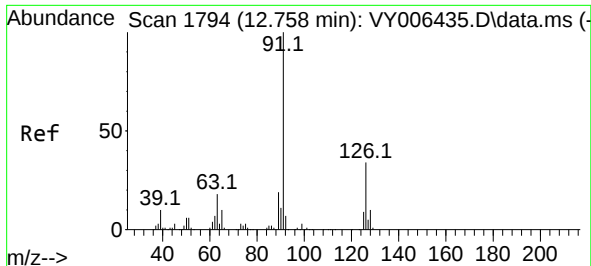
Tgt Ion: 91 Resp: 1402950

Ion Ratio Lower Upper

91 100

120 22.6 11.3 33.8

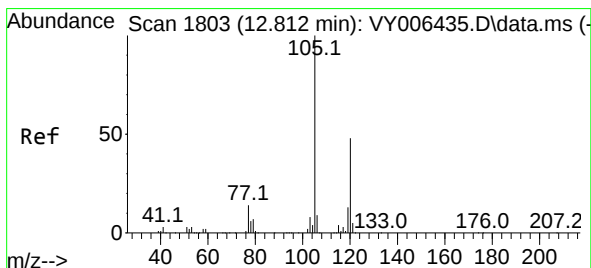
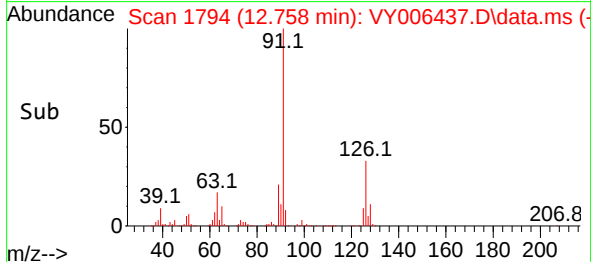
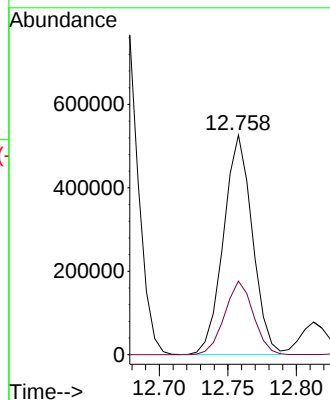
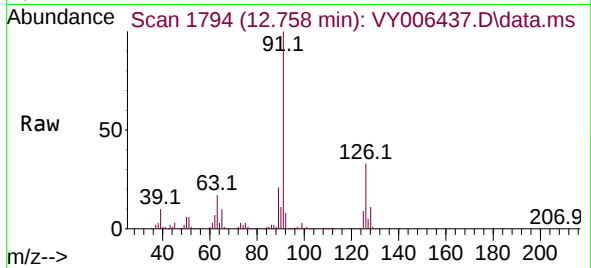




#79
2-Chlorotoluene
Concen: 162.952 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

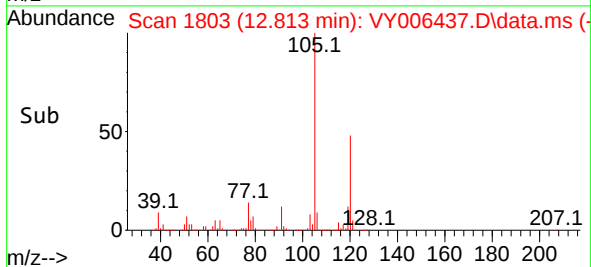
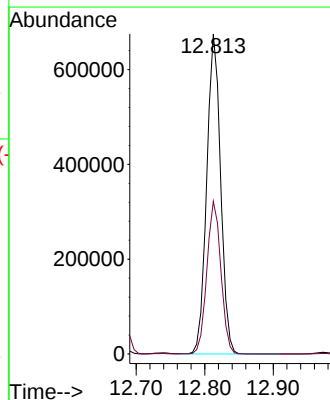
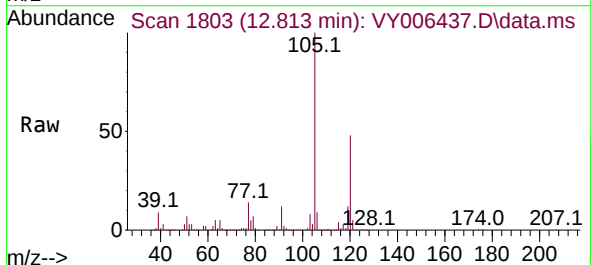
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

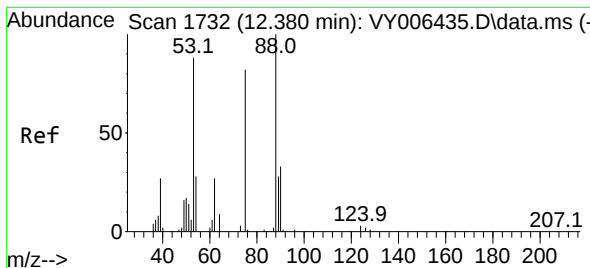
Tgt Ion: 91 Resp: 771885
Ion Ratio Lower Upper
91 100
126 33.4 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 164.205 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

Tgt Ion: 105 Resp: 951953
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.4

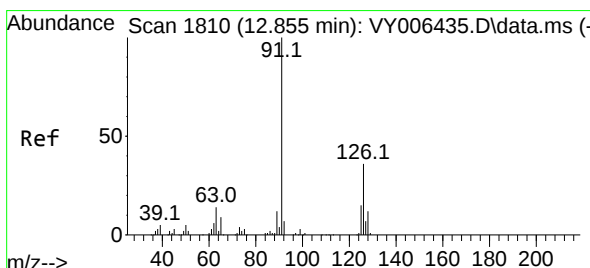
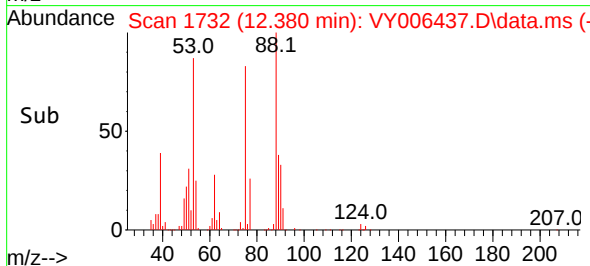
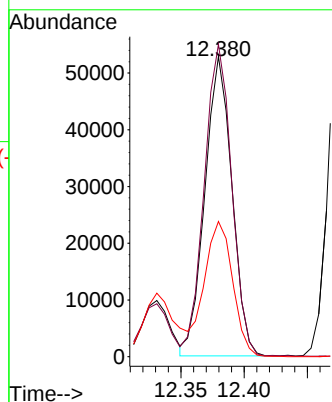
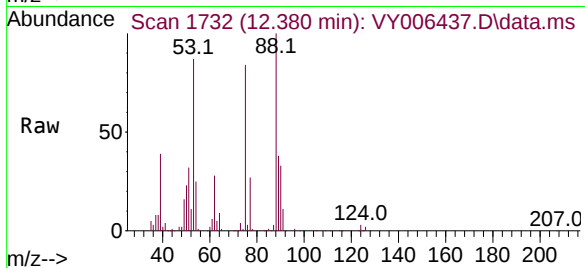




#81
trans-1,4-Dichloro-2-butene
Concen: 157.990 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

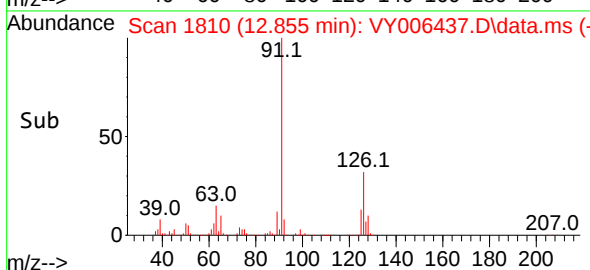
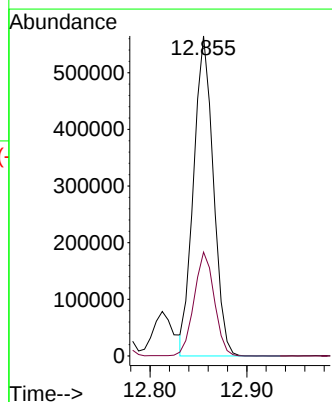
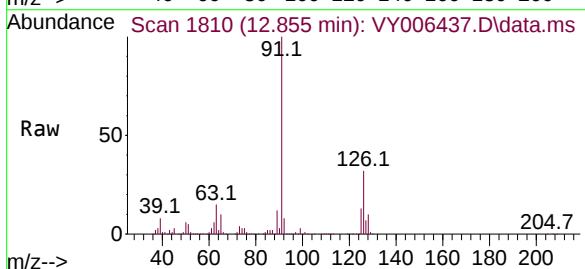
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

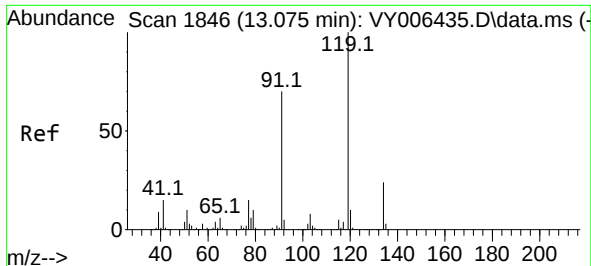
Tgt Ion: 75 Resp: 78490
Ion Ratio Lower Upper
75 100
53 106.1 85.8 128.6
89 47.4 39.3 58.9



#82
4-Chlorotoluene
Concen: 162.090 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

Tgt Ion: 91 Resp: 800044
Ion Ratio Lower Upper
91 100
126 33.3 16.8 50.4

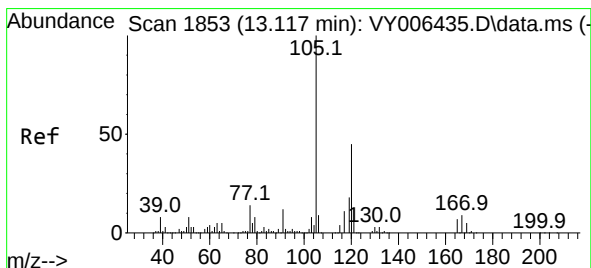
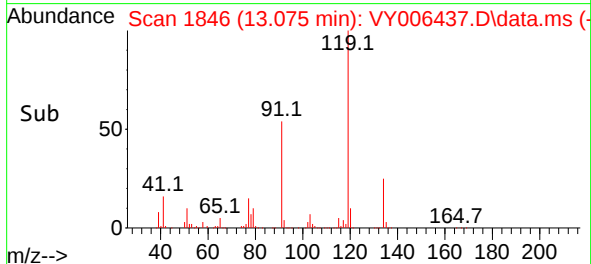
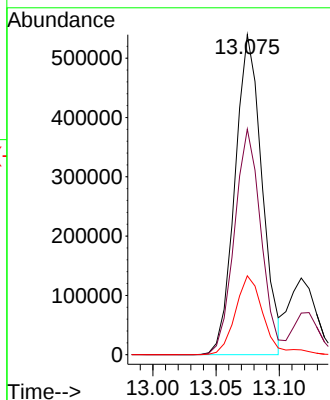
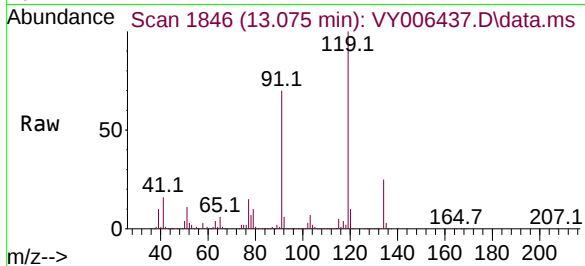




#83
tert-Butylbenzene
Concen: 161.507 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

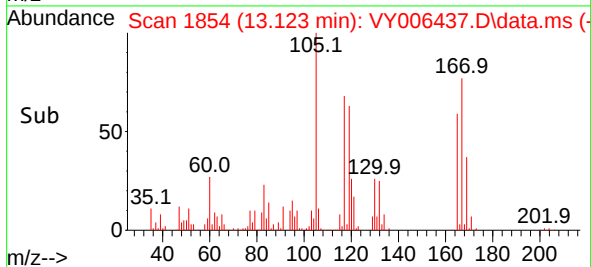
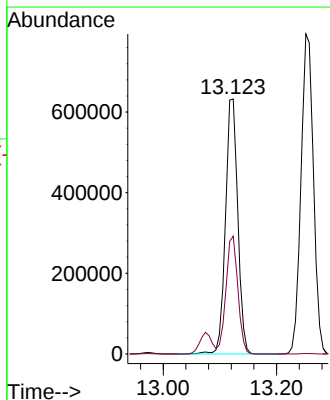
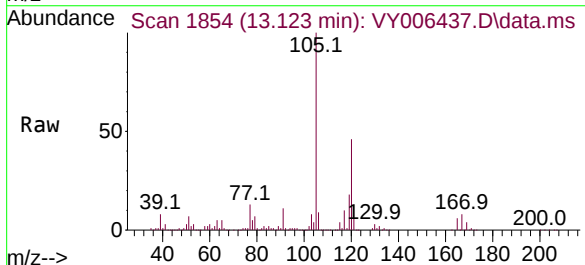
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

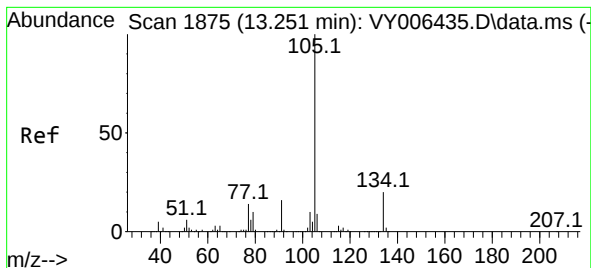
Tgt Ion:119 Resp: 804598
Ion Ratio Lower Upper
119 100
91 70.0 34.8 104.5
134 25.8 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 163.913 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

Tgt Ion:105 Resp: 950139
Ion Ratio Lower Upper
105 100
120 45.0 22.6 67.8





#85

sec-Butylbenzene

Concen: 161.443 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY006437.D

Acq: 22 Oct 2021 13:37

Instrument :

MSVOA_Y

ClientSampleId :

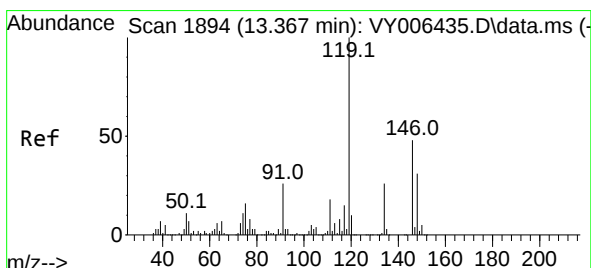
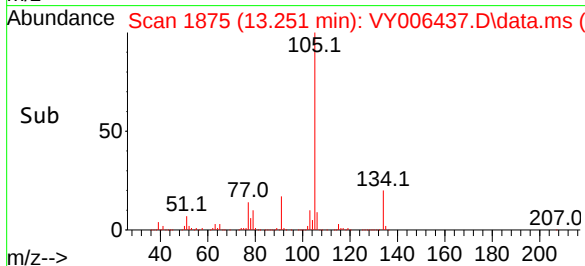
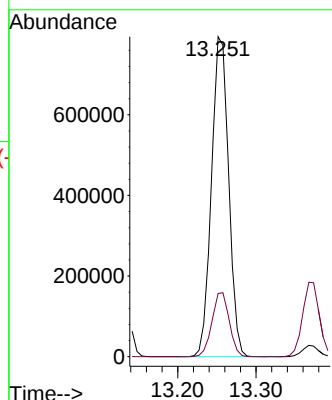
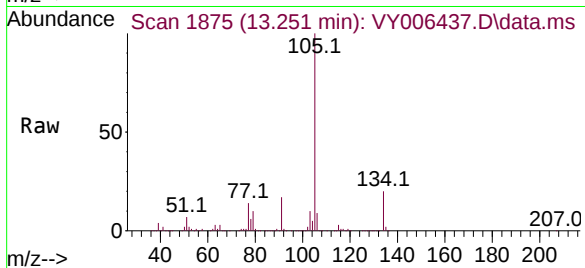
VSTDIC150

Tgt Ion:105 Resp: 1207649

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.3



#86

p-Isopropyltoluene

Concen: 164.794 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY006437.D

Acq: 22 Oct 2021 13:37

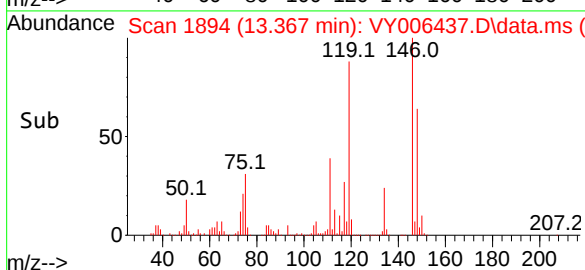
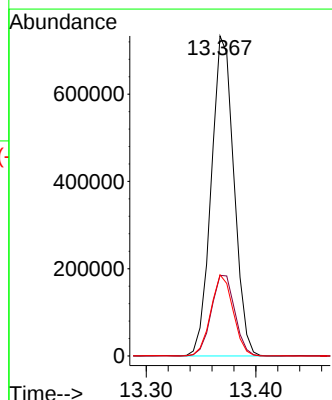
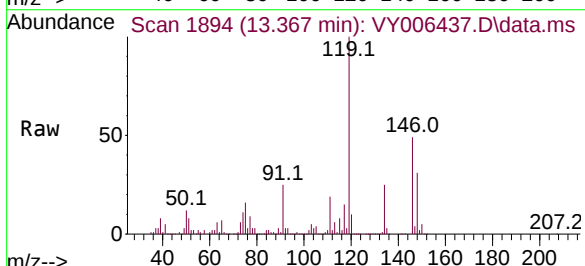
Tgt Ion:119 Resp: 1051648

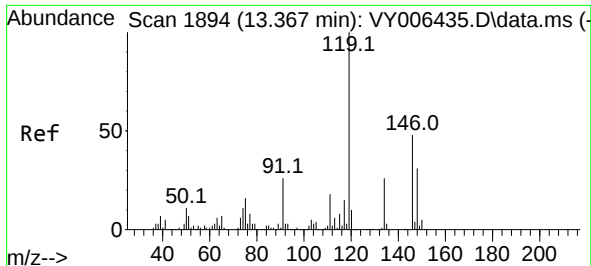
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 24.9 12.4 37.4

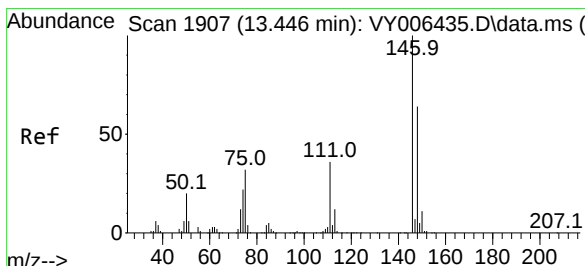
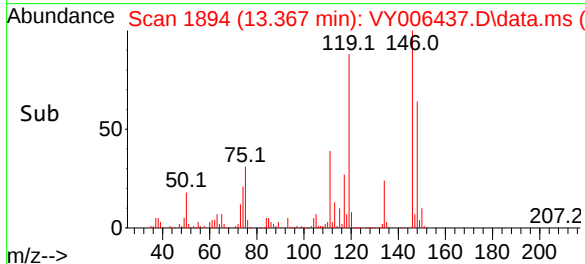
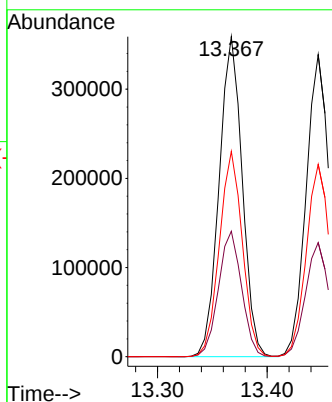
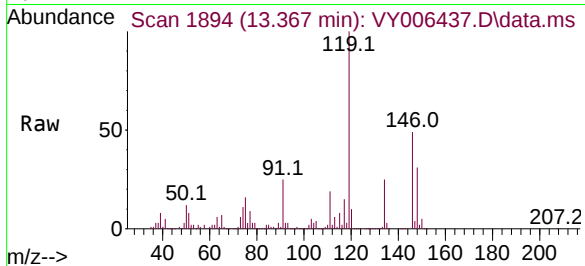




#87
 1,3-Dichlorobenzene
 Concen: 160.610 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY006437.D
 Acq: 22 Oct 2021 13:37

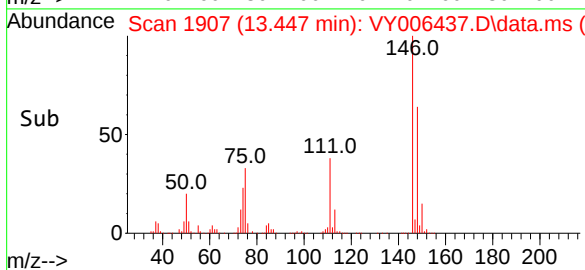
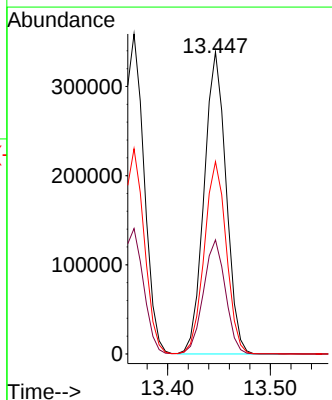
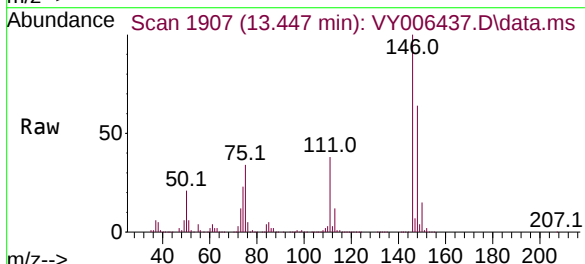
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

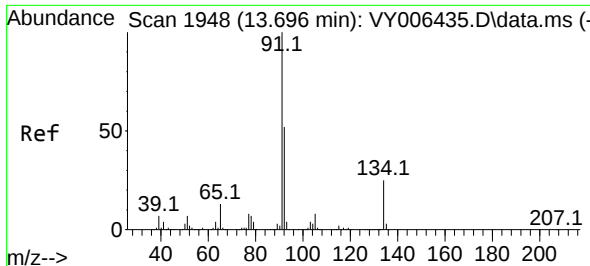
Tgt Ion:146 Resp: 525806
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.3 57.9
 148 63.9 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 156.298 ug/l
 RT: 13.447 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY006437.D
 Acq: 22 Oct 2021 13:37

Tgt Ion:146 Resp: 503115
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.9 56.5
 148 64.0 32.0 96.2

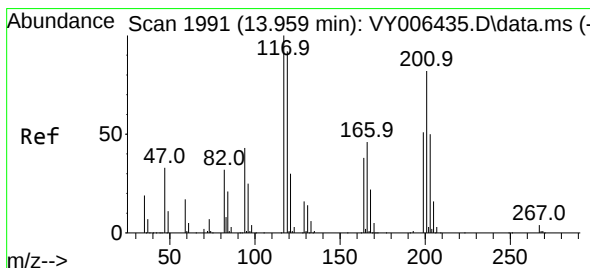
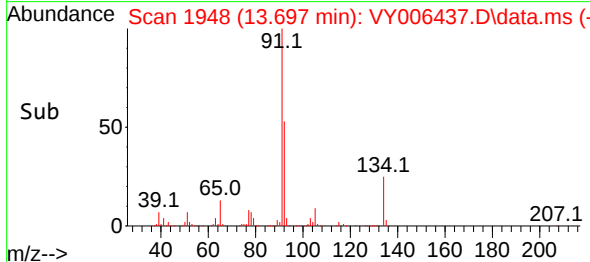
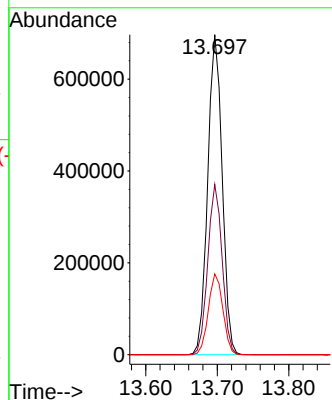
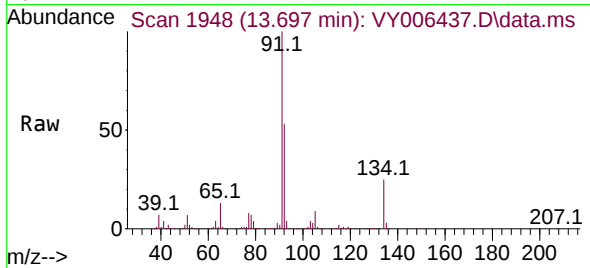




#89
n-Butylbenzene
Concen: 162.975 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

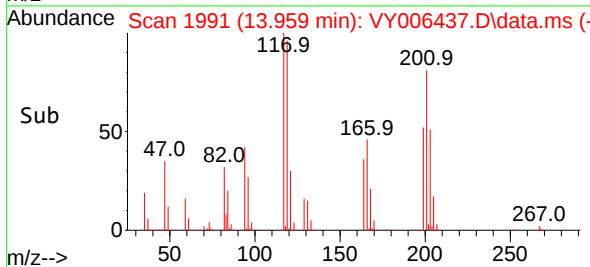
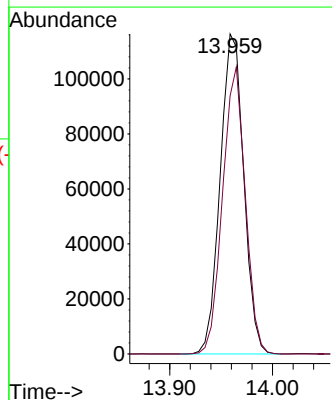
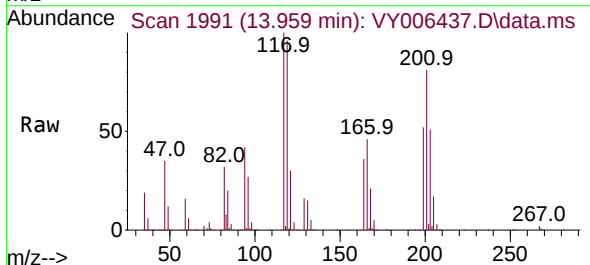
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

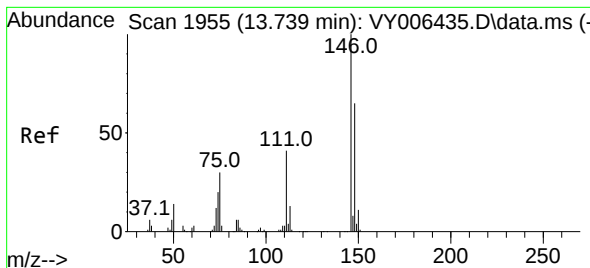
Tgt Ion: 91 Resp: 978345
Ion Ratio Lower Upper
91 100
92 52.9 26.3 78.9
134 25.4 12.9 38.7



#90
Hexachloroethane
Concen: 160.608 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY006437.D
Acq: 22 Oct 2021 13:37

Tgt Ion: 117 Resp: 185108
Ion Ratio Lower Upper
117 100
201 86.3 43.4 130.1





#91

1,2-Dichlorobenzene

Concen: 157.938 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY006437.D

Acq: 22 Oct 2021 13:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

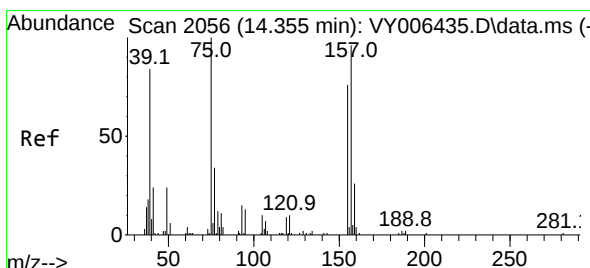
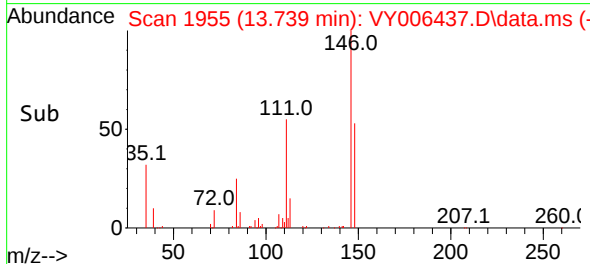
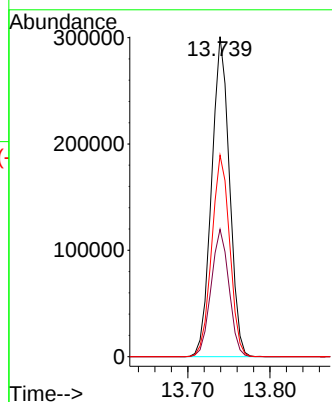
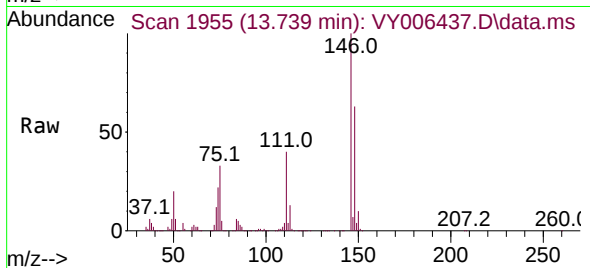
Tgt Ion:146 Resp: 453525

Ion Ratio Lower Upper

146 100

111 39.9 20.1 60.3

148 63.6 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 157.079 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY006437.D

Acq: 22 Oct 2021 13:37

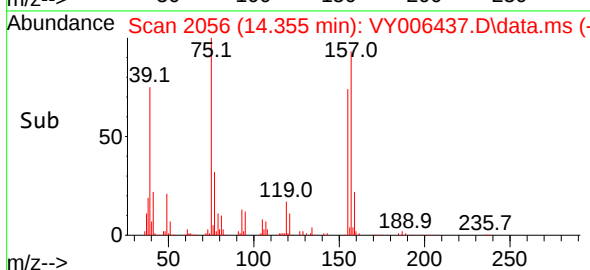
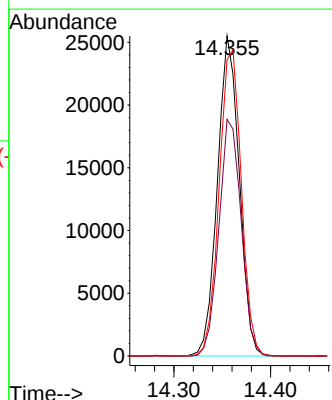
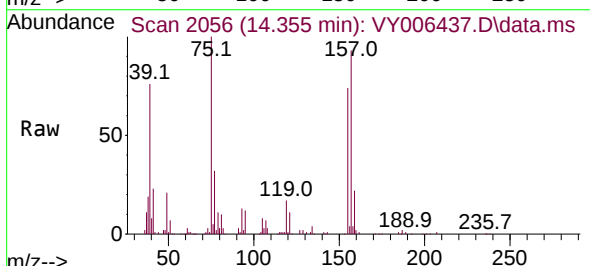
Tgt Ion: 75 Resp: 39971

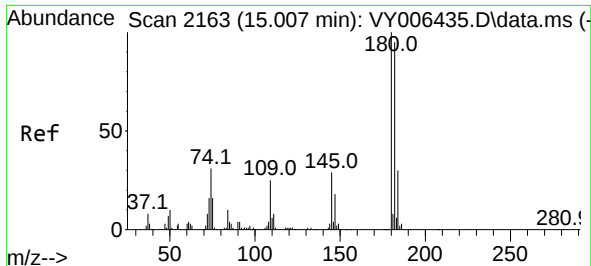
Ion Ratio Lower Upper

75 100

155 75.3 39.0 116.9

157 97.1 49.2 147.6

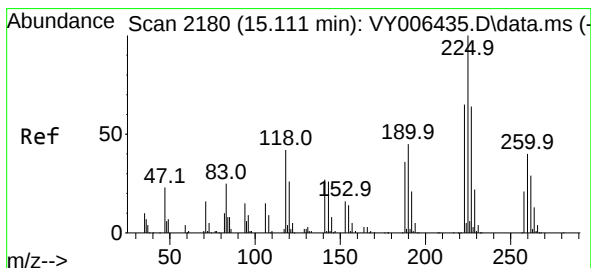
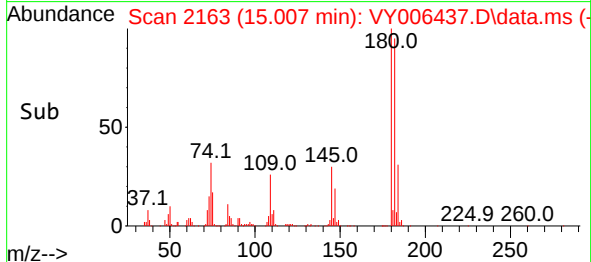
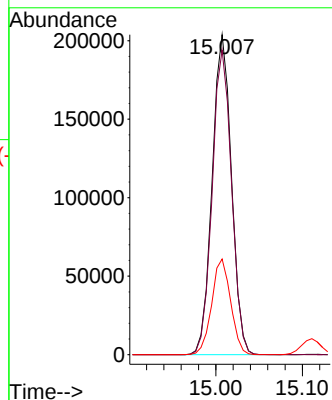
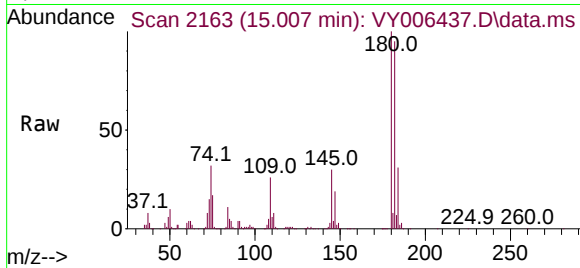




#93
 1,2,4-Trichlorobenzene
 Concen: 165.951 ug/l
 RT: 15.007 min Scan# 2163
 Delta R.T. 0.000 min
 Lab File: VY006437.D
 Acq: 22 Oct 2021 13:37

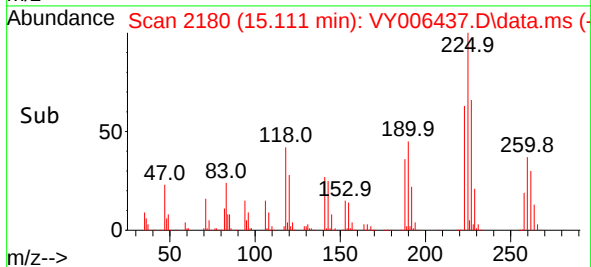
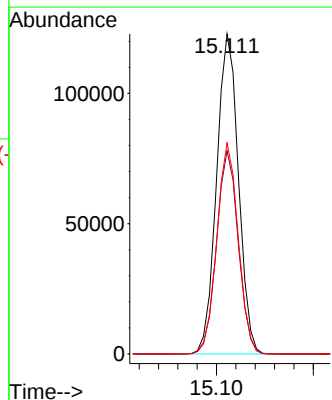
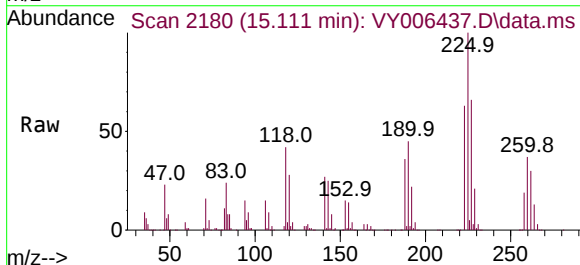
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

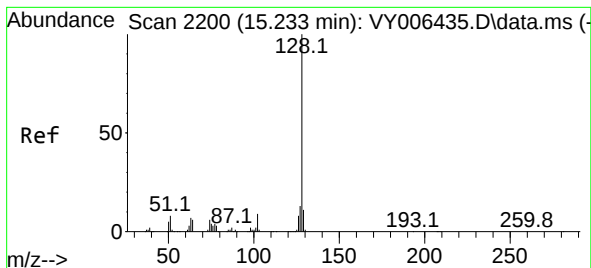
Tgt Ion:180 Resp: 314585
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.1 141.4
 145 29.5 14.5 43.6



#94
 Hexachlorobutadiene
 Concen: 158.058 ug/l
 RT: 15.111 min Scan# 2180
 Delta R.T. 0.000 min
 Lab File: VY006437.D
 Acq: 22 Oct 2021 13:37

Tgt Ion:225 Resp: 192031
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.6 94.7
 227 64.7 31.9 95.9





#95

Naphthalene

Concen: 171.195 ug/l

RT: 15.239 min Scan# 2200

Delta R.T. 0.006 min

Lab File: VY006437.D

Acq: 22 Oct 2021 13:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

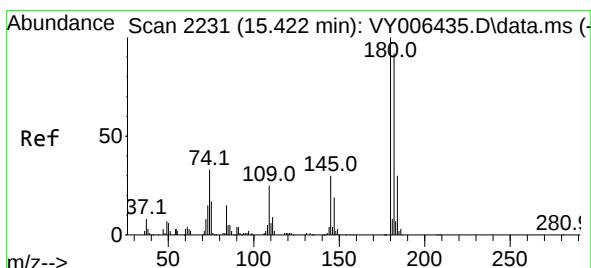
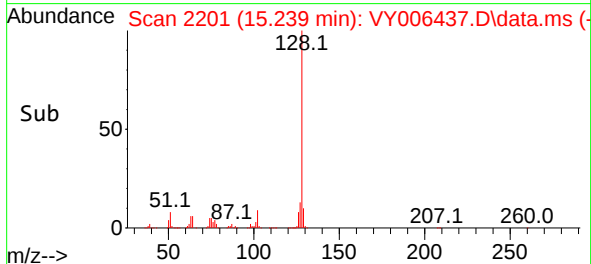
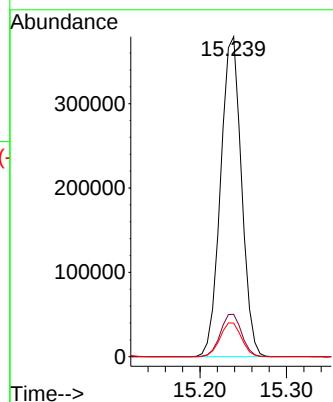
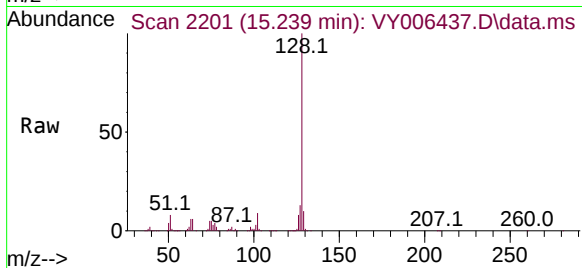
Tgt Ion:128 Resp: 635218

Ion Ratio Lower Upper

128 100

127 13.5 11.0 16.4

129 10.8 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 167.485 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY006437.D

Acq: 22 Oct 2021 13:37

Tgt Ion:180 Resp: 278033

Ion Ratio Lower Upper

180 100

182 95.4 47.8 143.4

145 30.9 15.3 45.8

