

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050323\
 Data File : VY013569.D
 Acq On : 03 May 2023 09:38
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: May 03 15:37:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	278513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	413285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	371747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	185710	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	152141	49.831	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.660%
35) Dibromofluoromethane	7.722	113	137000	52.705	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.400%
50) Toluene-d8	10.179	98	466615	50.461	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.920%
62) 4-Bromofluorobenzene	12.483	95	165438	53.069	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.140%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	140757	53.160	ug/l	98
3) Chloromethane	2.113	50	163461	46.056	ug/l	100
4) Vinyl Chloride	2.253	62	162905	46.098	ug/l	100
5) Bromomethane	2.656	94	120797	42.895	ug/l	98
6) Chloroethane	2.796	64	109024	44.658	ug/l	100
7) Trichlorofluoromethane	3.131	101	273588	51.105	ug/l	99
8) Diethyl Ether	3.528	74	88821	48.722	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.900	101	149034	49.631	ug/l	98
10) Methyl Iodide	4.095	142	185011	49.054	ug/l	98
11) Tert butyl alcohol	4.985	59	75127	218.548	ug/l #	84
12) 1,1-Dichloroethene	3.875	96	142150	49.110	ug/l	97
13) Acrolein	3.735	56	60568	226.204	ug/l	93
14) Allyl chloride	4.485	41	254924	47.464	ug/l	98
15) Acrylonitrile	5.168	53	259672	254.339	ug/l	99
16) Acetone	3.961	43	335023	278.641	ug/l	97
17) Carbon Disulfide	4.198	76	445144	47.344	ug/l	99
18) Methyl Acetate	4.479	43	193991	48.851	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	429435	51.389	ug/l	100
20) Methylene Chloride	4.716	84	180828	47.623	ug/l	88
21) trans-1,2-Dichloroethene	5.222	96	162501	51.346	ug/l	98
22) Diisopropyl ether	6.119	45	542726	51.700	ug/l	95
23) Vinyl Acetate	6.064	43	1694221	285.043	ug/l	96
24) 1,1-Dichloroethane	6.021	63	298502	51.020	ug/l	98
25) 2-Butanone	6.990	43	399228	261.816	ug/l	93
26) 2,2-Dichloropropane	6.984	77	267372	53.034	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	183956	52.608	ug/l	97
28) Bromochloromethane	7.338	49	102965	49.593	ug/l	84
29) Tetrahydrofuran	7.350	42	234289	246.833	ug/l	94
30) Chloroform	7.509	83	317528	54.585	ug/l	100
31) Cyclohexane	7.789	56	253914	46.450	ug/l	97
32) 1,1,1-Trichloroethane	7.704	97	278567	53.665	ug/l	98
36) 1,1-Dichloropropene	7.917	75	234224	54.294	ug/l	97
37) Ethyl Acetate	7.076	43	164243	50.592	ug/l	98
38) Carbon Tetrachloride	7.899	117	261963	57.936	ug/l	94
39) Methylcyclohexane	9.185	83	262722	51.658	ug/l	93
40) Benzene	8.161	78	671302	55.242	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	88049	58.202	ug/l	94
42) 1,2-Dichloroethane	8.240	62	225812	56.838	ug/l	98
43) Isopropyl Acetate	8.271	43	286539	52.291	ug/l	97
44) Trichloroethene	8.941	130	176147	54.493	ug/l	95
45) 1,2-Dichloropropane	9.216	63	174636	54.963	ug/l	98
46) Dibromomethane	9.307	93	106088	55.803	ug/l	96
47) Bromodichloromethane	9.496	83	245288	57.661	ug/l	96
48) Methyl methacrylate	9.295	41	132254	52.552	ug/l	97
49) 1,4-Dioxane	9.319	88	29632	1091.337	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	836746	274.027	ug/l	96
52) Toluene	10.246	92	408820	55.905	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	252882	56.169	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	282327	55.730	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	141177	56.075	ug/l	98
56) Ethyl methacrylate	10.508	69	199211	57.034	ug/l	91
57) 1,3-Dichloropropane	10.789	76	237238	55.639	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	326558	249.326	ug/l	96
59) 2-Hexanone	10.831	43	639490	288.102	ug/l	96
60) Dibromochloromethane	10.984	129	175004	57.247	ug/l	99
61) 1,2-Dibromoethane	11.087	107	136561	55.171	ug/l	99
64) Tetrachloroethene	10.721	164	154029	54.489	ug/l	98
65) Chlorobenzene	11.520	112	442351	54.624	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	174506	57.618	ug/l	99
67) Ethyl Benzene	11.593	91	793279	55.785	ug/l	100
68) m/p-Xylenes	11.703	106	607746	112.423	ug/l	97
69) o-Xylene	12.032	106	286076	55.955	ug/l	98
70) Styrene	12.044	104	493701	57.754	ug/l	99
71) Bromoform	12.209	173	121776	57.403	ug/l	99
73) Isopropylbenzene	12.331	105	750892	53.458	ug/l	98
74) N-amyl acetate	12.142	43	250045	50.023	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	179494	52.280	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	236268	94.337	ug/l #	100
77) Bromobenzene	12.611	156	192681	56.613	ug/l	96
78) n-propylbenzene	12.672	91	940167	54.341	ug/l	97
79) 2-Chlorotoluene	12.758	91	523166	54.149	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	630235	54.972	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	64799	52.924	ug/l	96
82) 4-Chlorotoluene	12.855	91	542339	53.856	ug/l	98
83) tert-Butylbenzene	13.075	119	534114	53.774	ug/l	97
84) 1,2,4-Trimethylbenzene	13.124	105	620040	55.627	ug/l	100
85) sec-Butylbenzene	13.258	105	802756	53.851	ug/l	99
86) p-Isopropyltoluene	13.373	119	664111	55.399	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	356479	54.976	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	355021	54.201	ug/l	100
89) n-Butylbenzene	13.697	91	628942	53.755	ug/l	98
90) Hexachloroethane	13.965	117	131196	52.000	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	325866	55.652	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	31659	52.211	ug/l	93
93) 1,2,4-Trichlorobenzene	15.013	180	196849	56.386	ug/l	98
94) Hexachlorobutadiene	15.117	225	119315	58.725	ug/l	99
95) Naphthalene	15.239	128	418248	55.217	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	176813	56.824	ug/l	99

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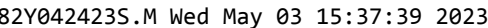
Instrument :
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VSTDCCC050

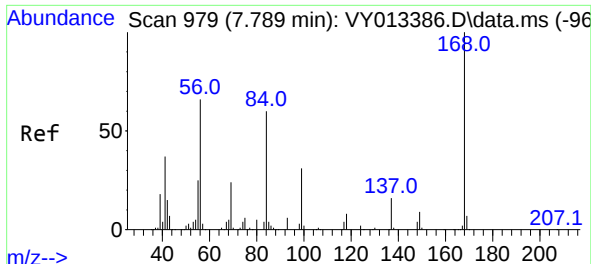
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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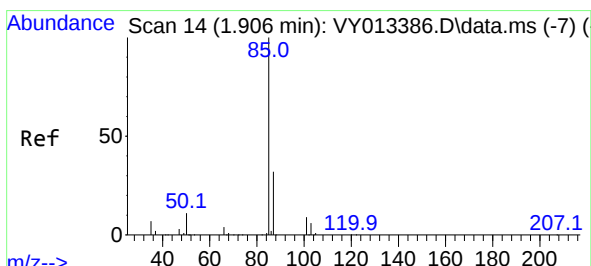
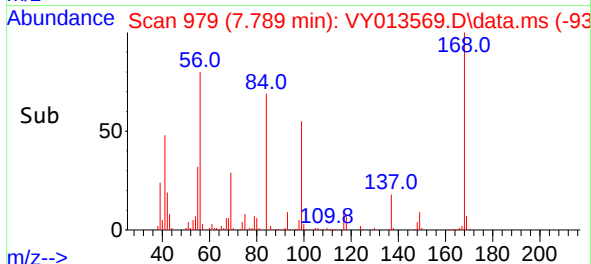
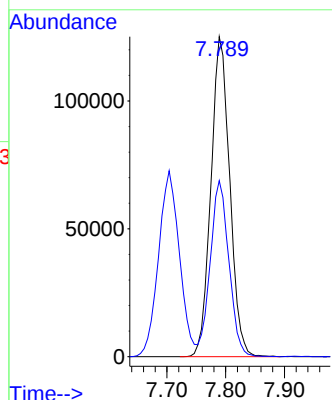
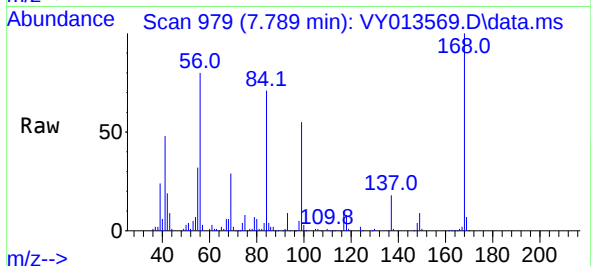




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013569.D
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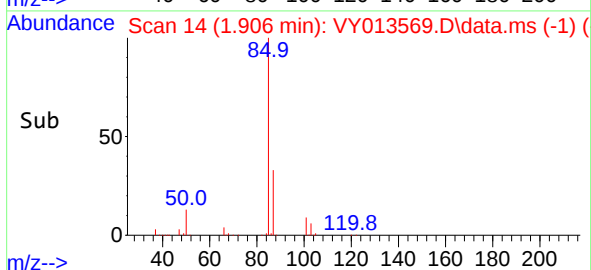
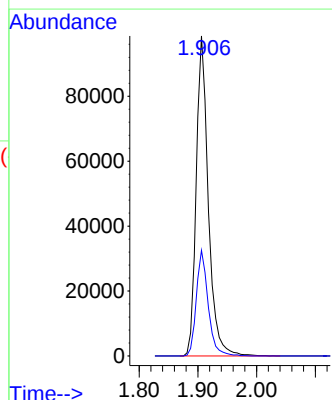
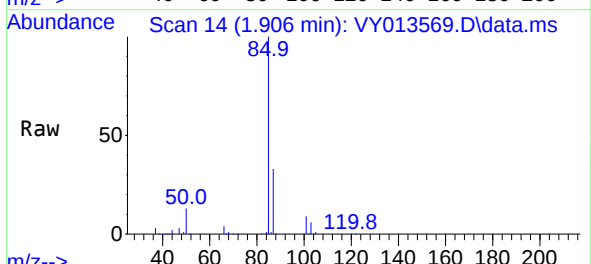
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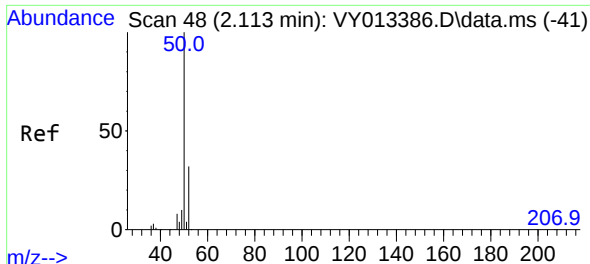
Tgt Ion:168 Resp: 278513
Ion Ratio Lower Upper
168 100
99 55.0 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 53.160 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

Tgt Ion: 85 Resp: 140757
Ion Ratio Lower Upper
85 100
87 33.0 16.1 48.2

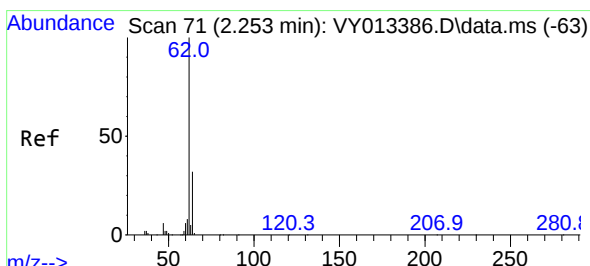
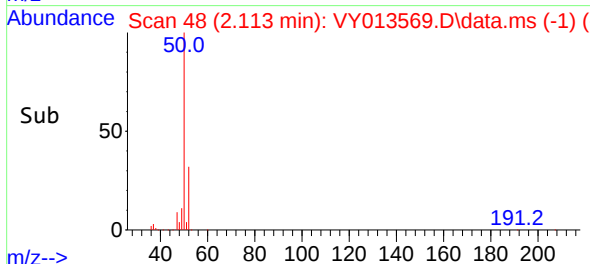
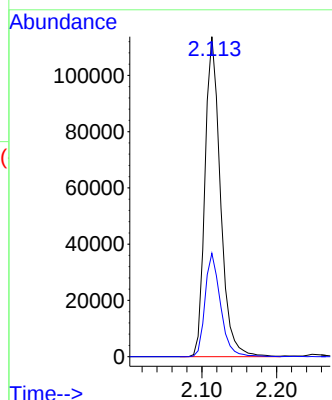
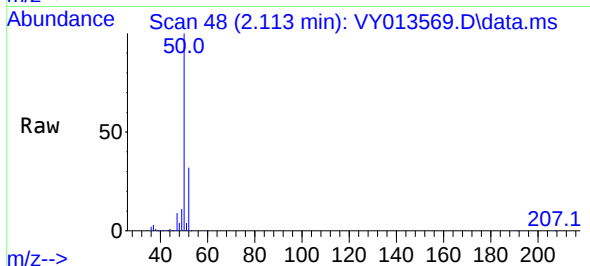




#3
Chloromethane
Concen: 46.056 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

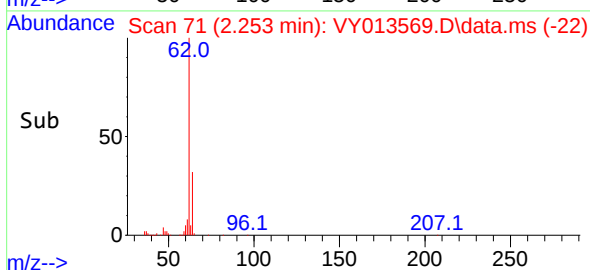
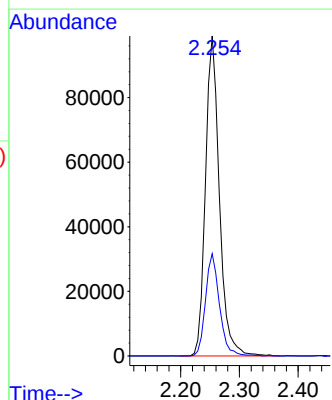
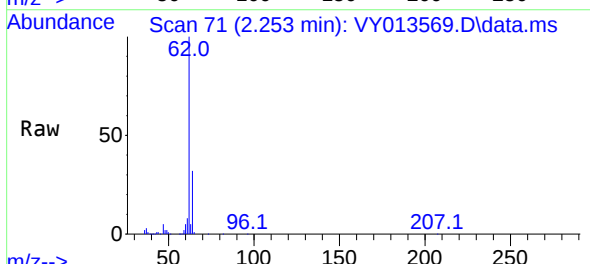
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ClientSampleId :
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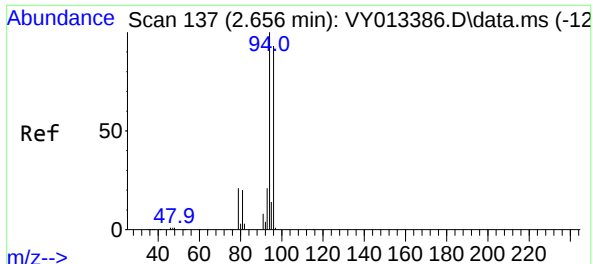
Tgt Ion: 50 Resp: 163461
Ion Ratio Lower Upper
50 100
52 32.3 25.9 38.9



#4
Vinyl Chloride
Concen: 46.098 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

Tgt Ion: 62 Resp: 162905
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.0

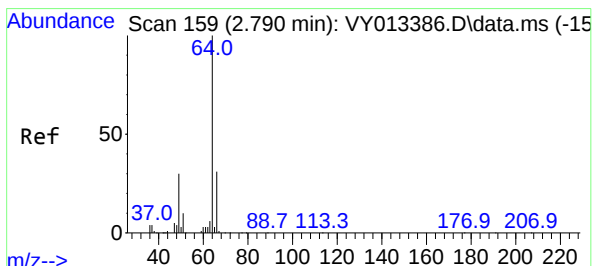
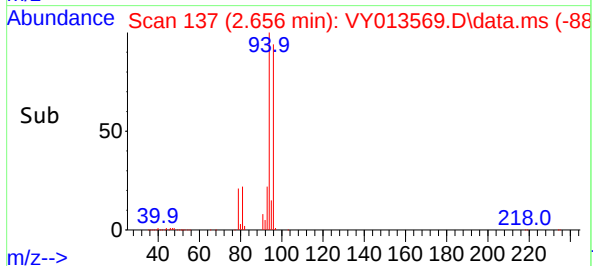
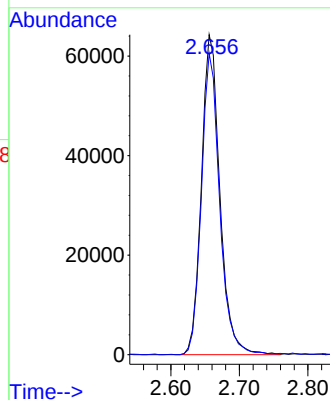
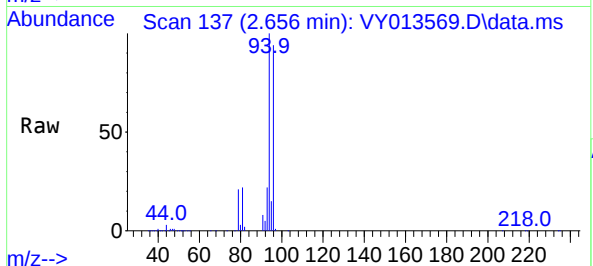




#5
Bromomethane
Concen: 42.895 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013569.D
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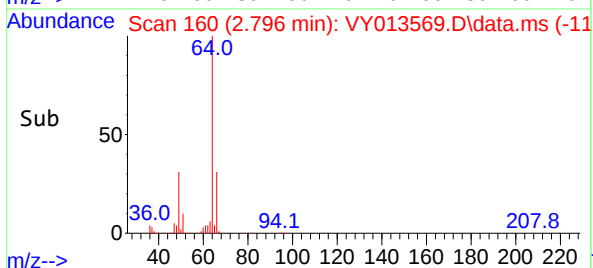
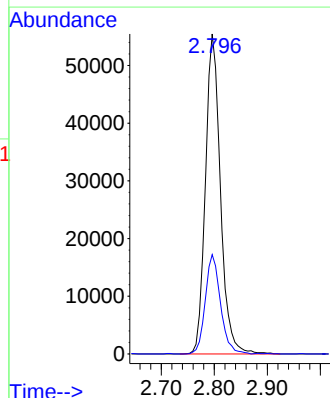
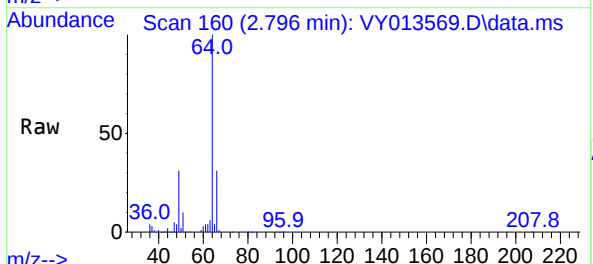
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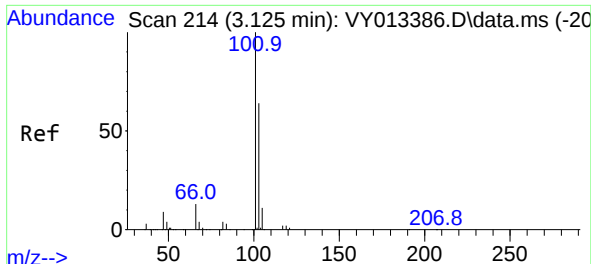
Tgt Ion: 94 Resp: 120797
Ion Ratio Lower Upper
94 100
96 94.2 74.2 111.2



#6
Chloroethane
Concen: 44.658 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

Tgt Ion: 64 Resp: 109024
Ion Ratio Lower Upper
64 100
66 31.0 24.6 37.0

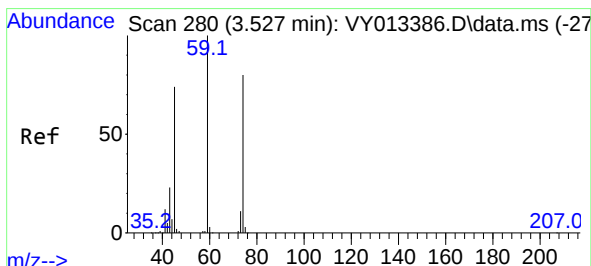
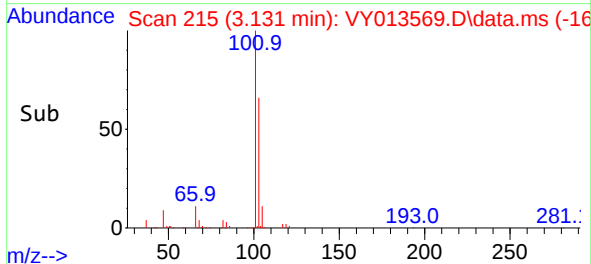
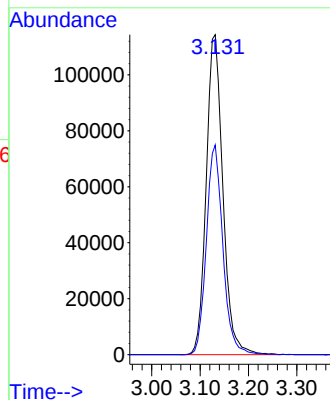
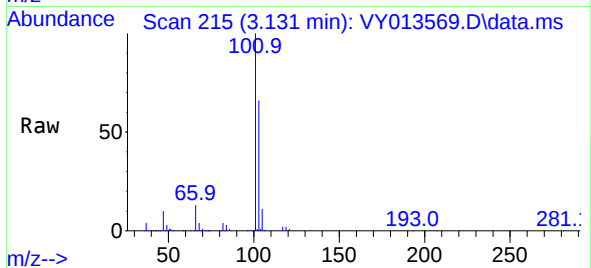




#7
Trichlorofluoromethane
Concen: 51.105 ug/l
RT: 3.131 min Scan# 214
Delta R.T. 0.006 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

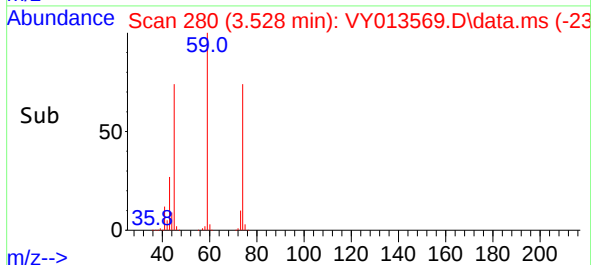
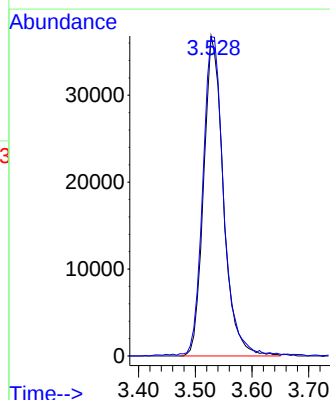
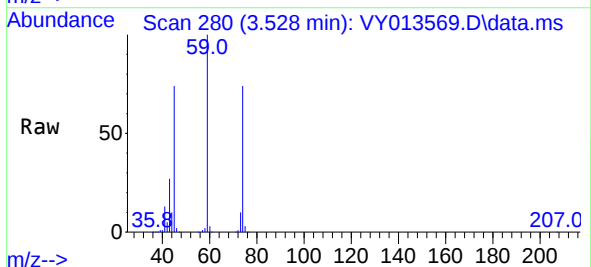
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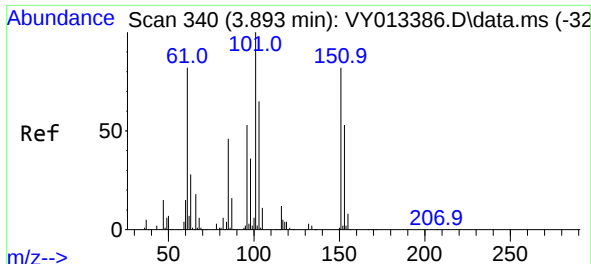
Tgt Ion:101 Resp: 273588
Ion Ratio Lower Upper
101 100
103 65.5 51.6 77.4



#8
Diethyl Ether
Concen: 48.722 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.001 min
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Tgt Ion: 74 Resp: 88821
Ion Ratio Lower Upper
74 100
45 106.0 48.2 144.6

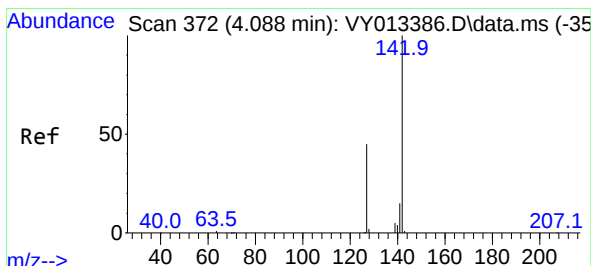
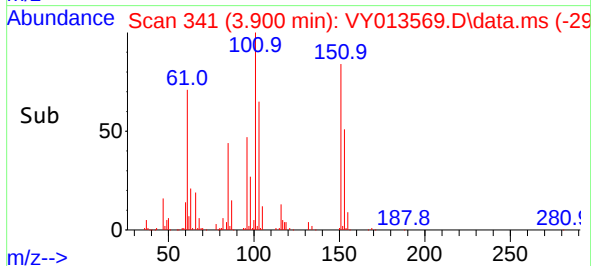
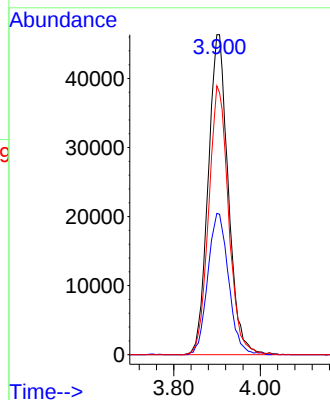
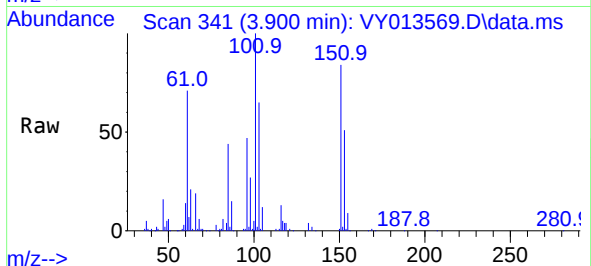




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.631 ug/l
RT: 3.900 min Scan# 341
Delta R.T. 0.007 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

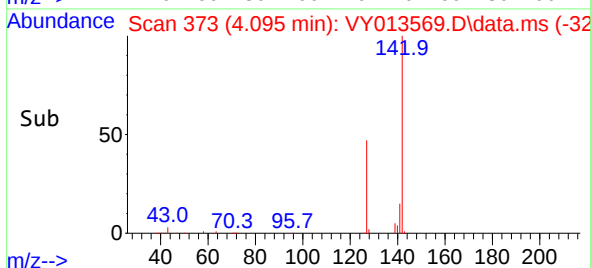
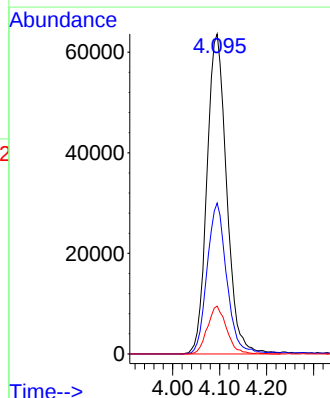
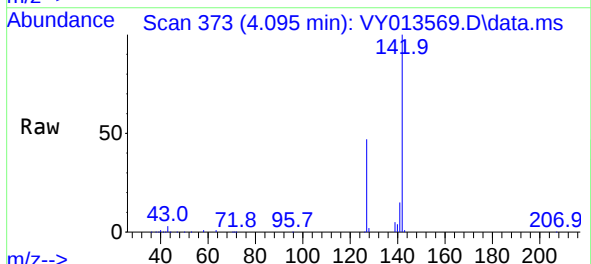
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

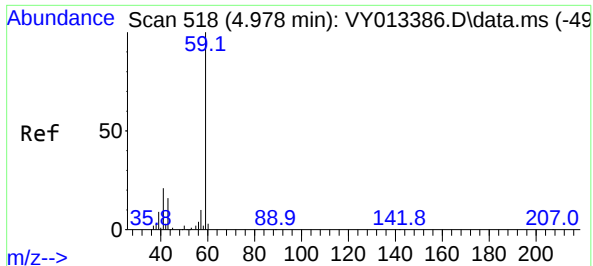
Tgt Ion:101 Resp: 149034
Ion Ratio Lower Upper
101 100
85 45.8 35.6 53.4
151 83.2 68.0 102.0



#10
Methyl Iodide
Concen: 49.054 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.007 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

Tgt Ion:142 Resp: 185011
Ion Ratio Lower Upper
142 100
127 46.9 36.1 54.1
141 14.5 11.6 17.4

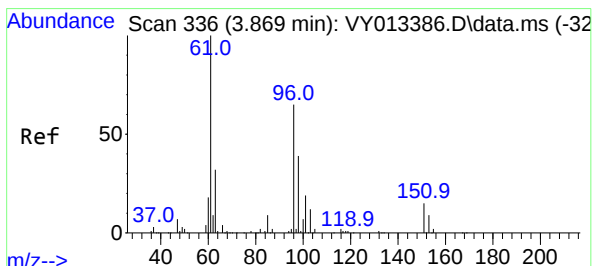
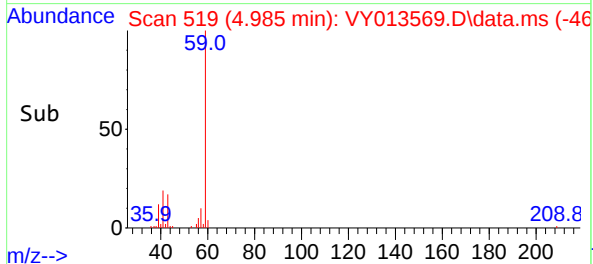
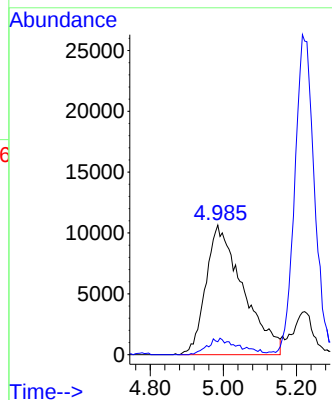
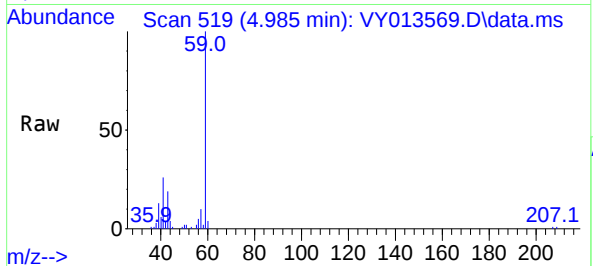




#11
Tert butyl alcohol
Concen: 218.548 ug/l
RT: 4.985 min Scan# 518
Delta R.T. 0.007 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

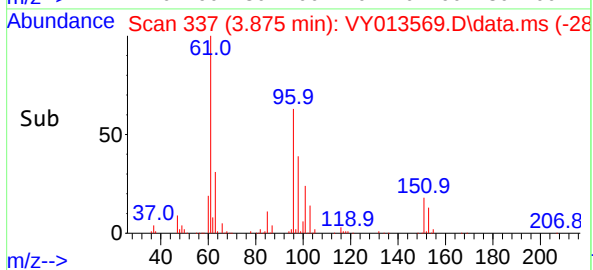
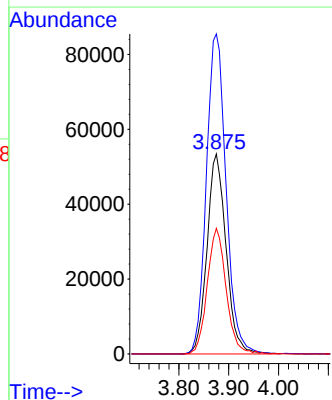
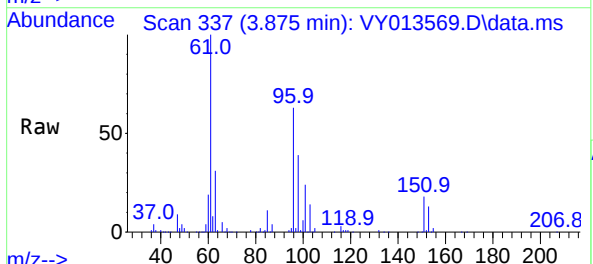
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

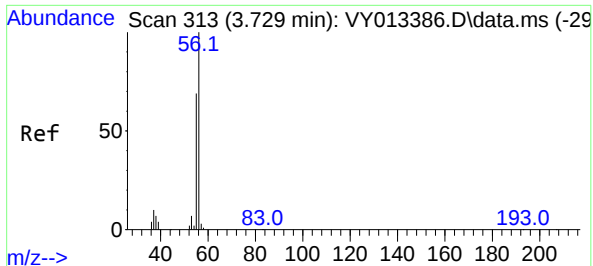
Tgt Ion: 59 Resp: 75127
Ion Ratio Lower Upper
59 100
57 8.8 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 49.110 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

Tgt Ion: 96 Resp: 142150
Ion Ratio Lower Upper
96 100
61 159.9 123.9 185.9
98 62.8 48.9 73.3

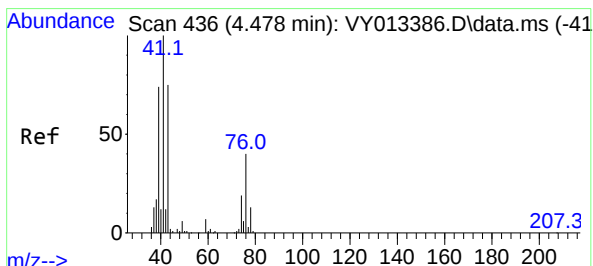
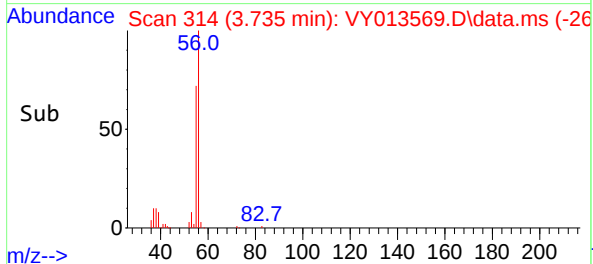
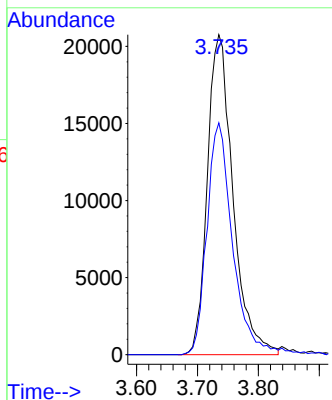
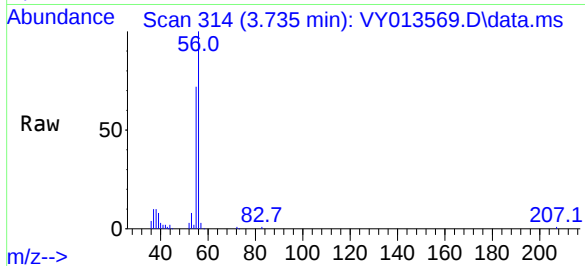




#13
Acrolein
Concen: 226.204 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

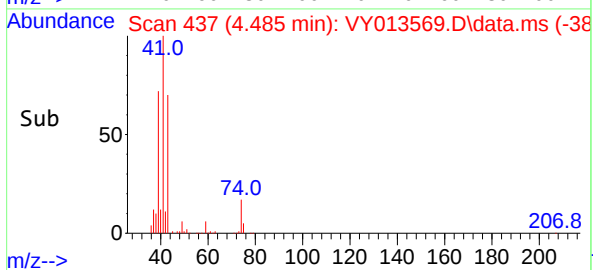
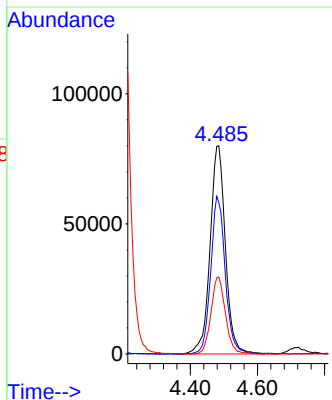
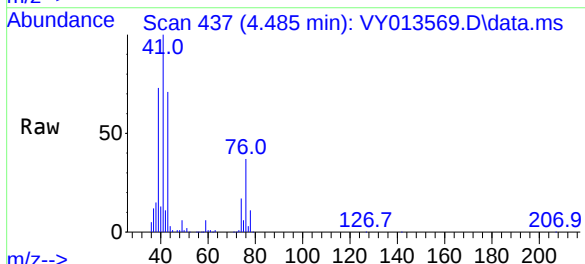
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

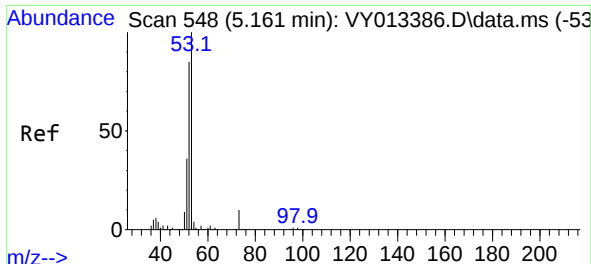
Tgt Ion: 56 Resp: 60568
Ion Ratio Lower Upper
56 100
55 73.1 54.1 81.1



#14
Allyl chloride
Concen: 47.464 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.007 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

Tgt Ion: 41 Resp: 254924
Ion Ratio Lower Upper
41 100
39 71.4 56.6 85.0
76 34.7 30.5 45.7

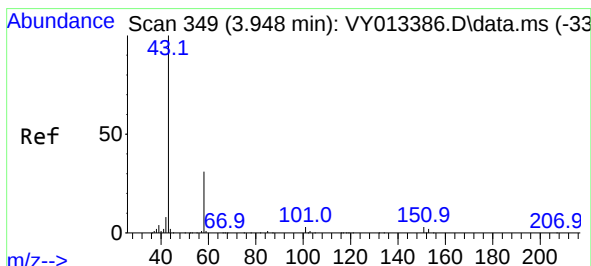
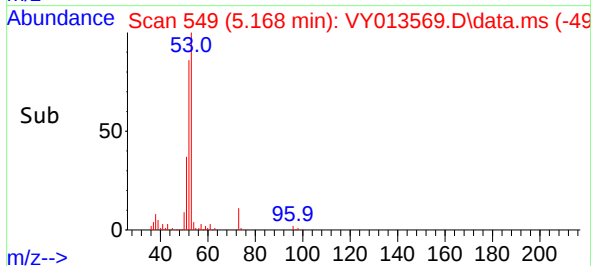
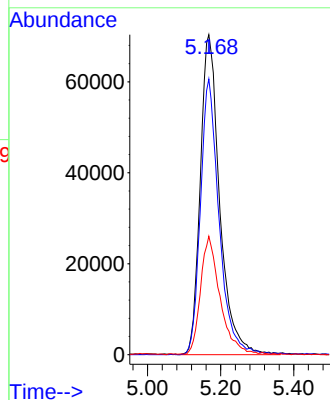
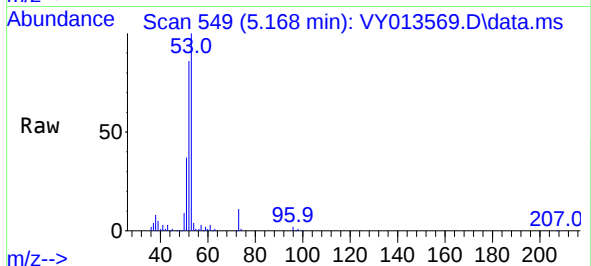




#15
Acrylonitrile
Concen: 254.339 ug/l
RT: 5.168 min Scan# 54
Delta R.T. 0.007 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

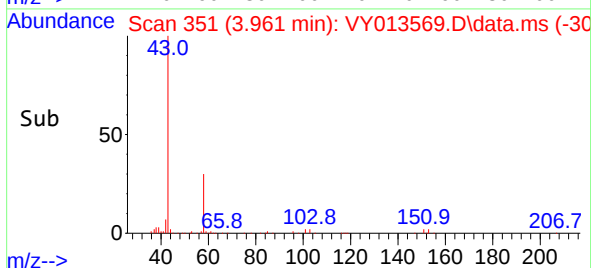
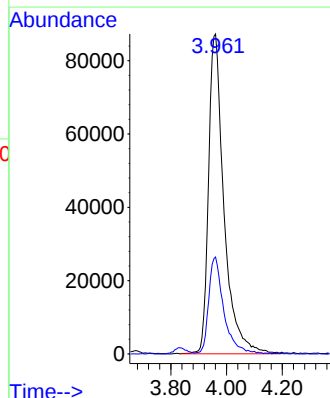
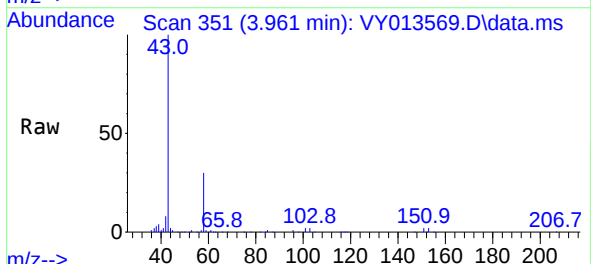
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

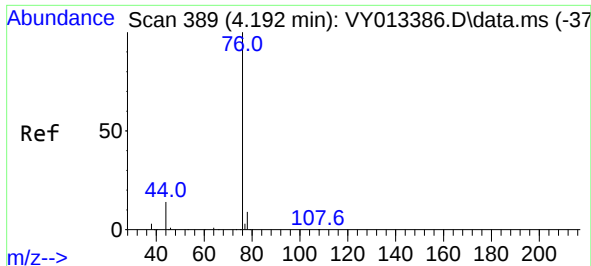
Tgt Ion: 53 Resp: 259672
Ion Ratio Lower Upper
53 100
52 82.7 65.4 98.0
51 36.8 29.3 43.9



#16
Acetone
Concen: 278.641 ug/l
RT: 3.961 min Scan# 351
Delta R.T. 0.013 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

Tgt Ion: 43 Resp: 335023
Ion Ratio Lower Upper
43 100
58 30.2 25.4 38.0

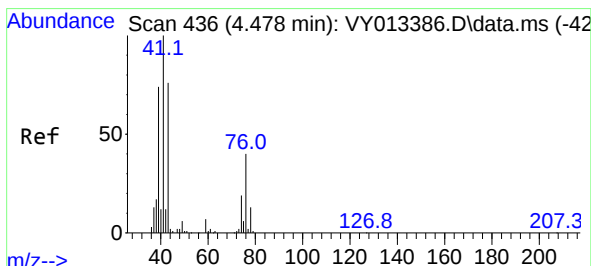
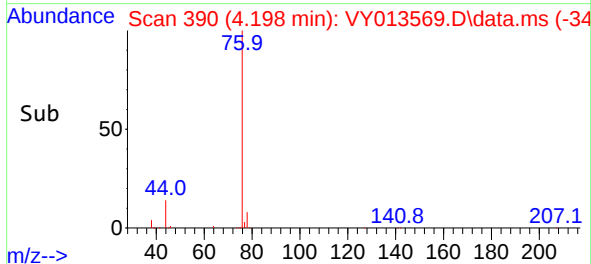
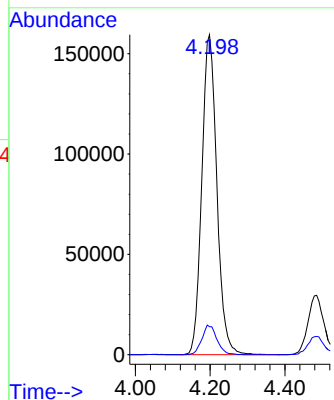
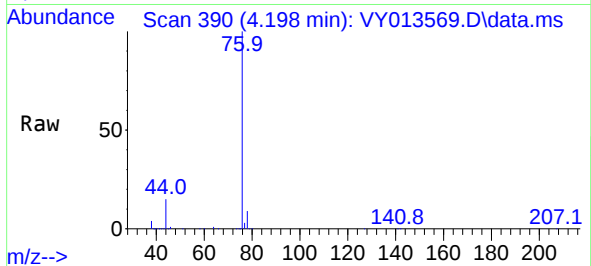




#17
Carbon Disulfide
Concen: 47.344 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

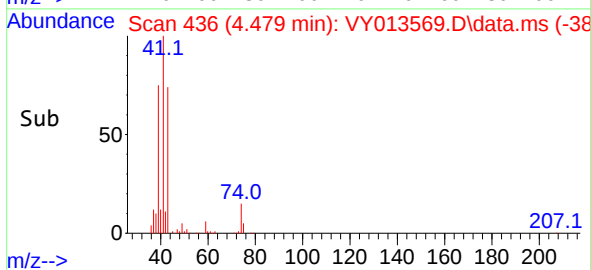
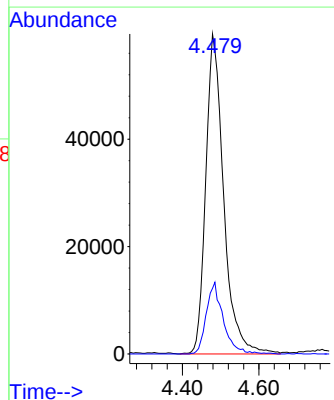
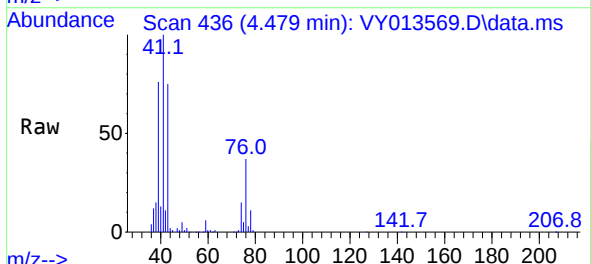
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

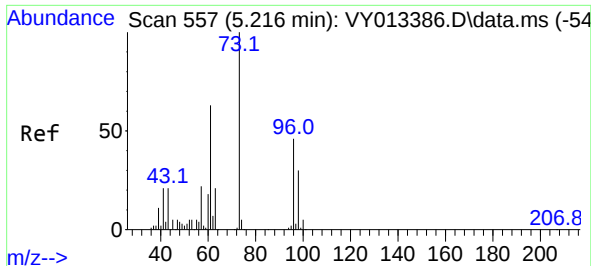
Tgt Ion: 76 Resp: 445144
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#18
Methyl Acetate
Concen: 48.851 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

Tgt Ion: 43 Resp: 193991
Ion Ratio Lower Upper
43 100
74 21.1 19.4 29.2

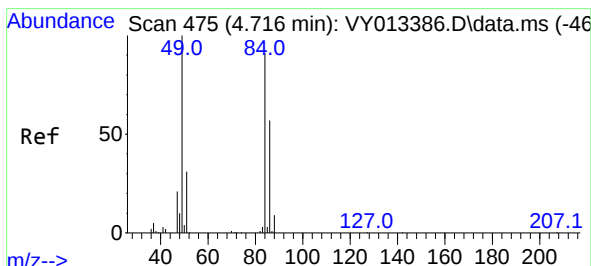
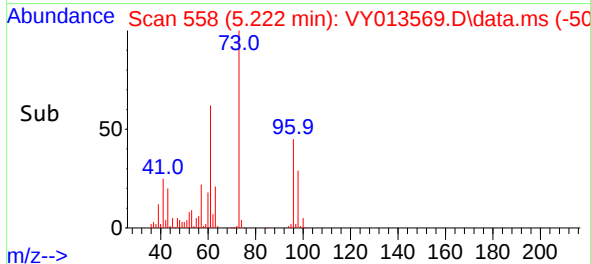
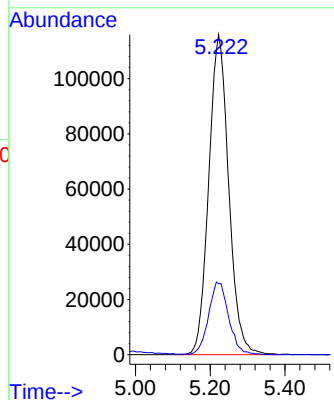
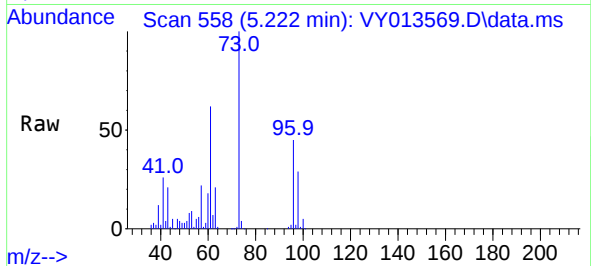




#19
Methyl tert-butyl Ether
Concen: 51.389 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

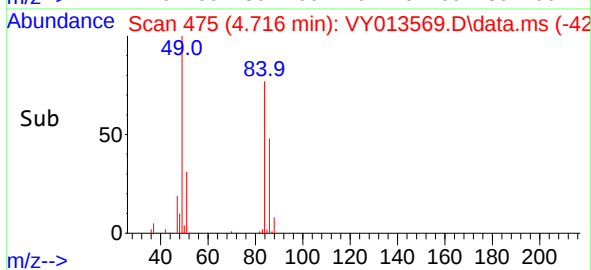
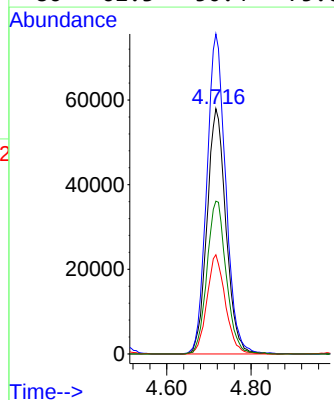
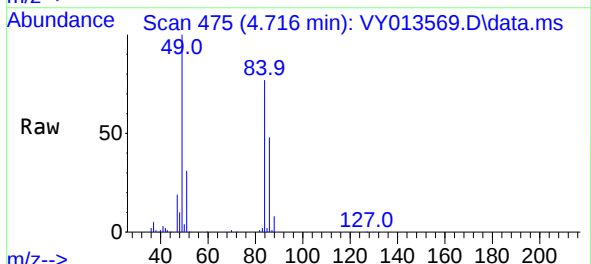
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

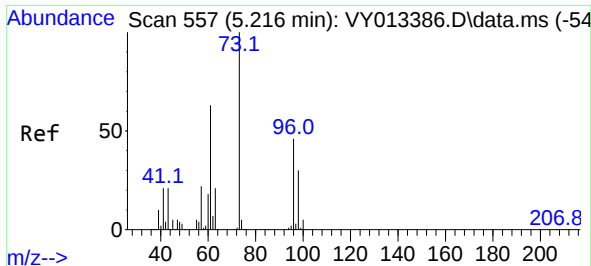
Tgt Ion: 73 Resp: 429435
Ion Ratio Lower Upper
73 100
57 22.2 17.8 26.8



#20
Methylene Chloride
Concen: 47.623 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

Tgt Ion: 84 Resp: 180828
Ion Ratio Lower Upper
84 100
49 130.5 88.0 132.0
51 40.5 27.4 41.0
86 62.3 50.4 75.6

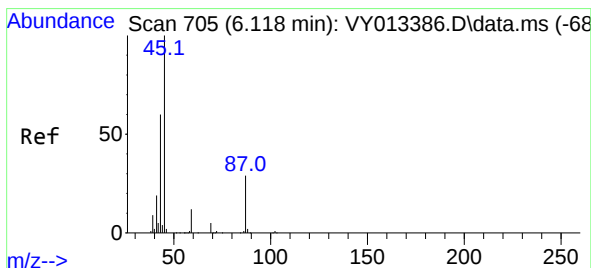
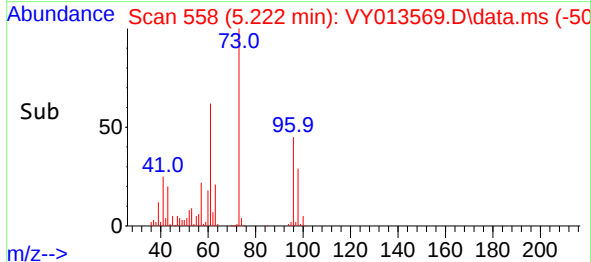
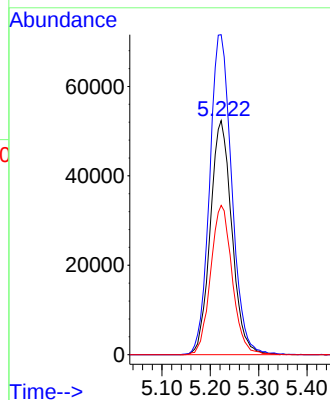
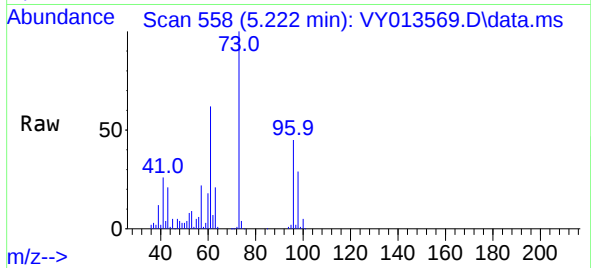




#21
trans-1,2-Dichloroethene
Concen: 51.346 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

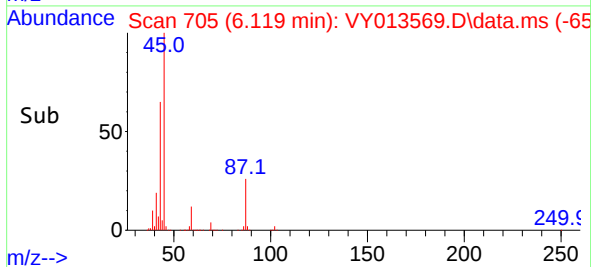
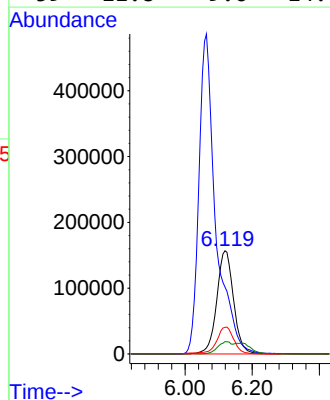
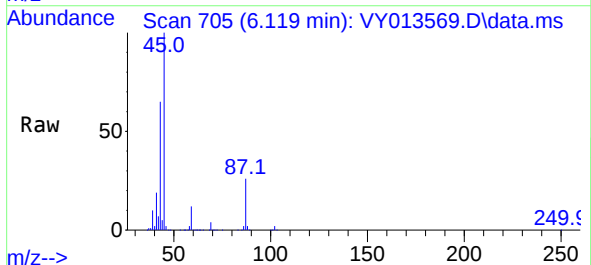
Instrument :
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ClientSampleId :
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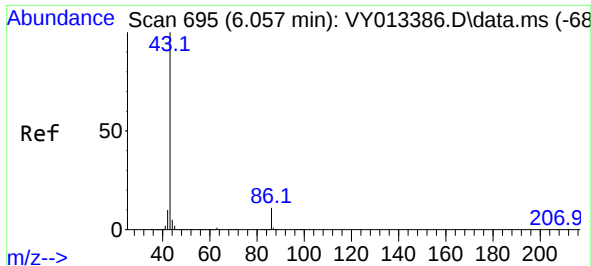
Tgt Ion: 96 Resp: 162501
Ion Ratio Lower Upper
96 100
61 136.7 110.6 165.8
98 63.8 53.1 79.7



#22
Diisopropyl ether
Concen: 51.700 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.001 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

Tgt Ion: 45 Resp: 542726
Ion Ratio Lower Upper
45 100
43 64.8 48.4 72.6
87 25.8 23.8 35.6
59 11.8 9.6 14.4

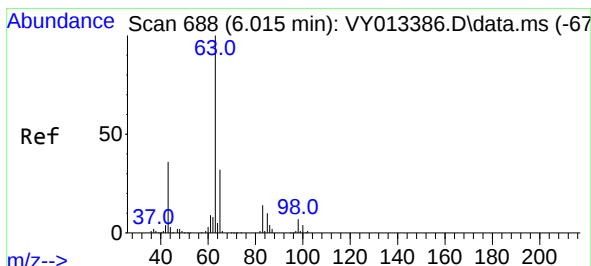
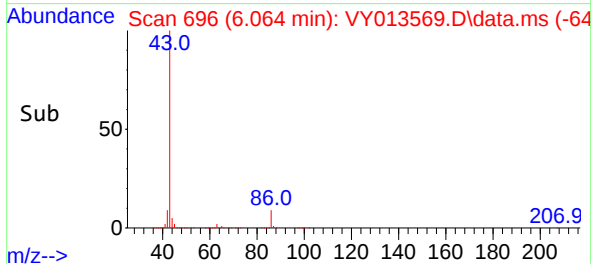
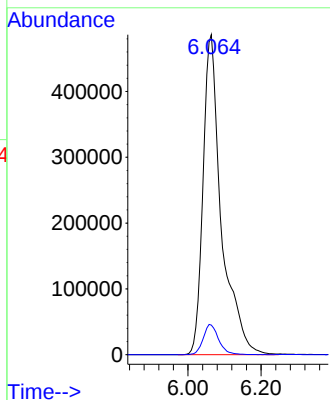
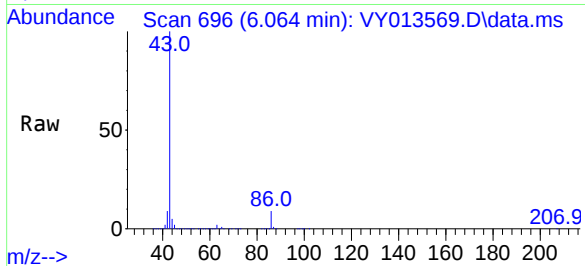




#23
 Vinyl Acetate
 Concen: 285.043 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.007 min
 Lab File: VY013569.D
 Acq: 03 May 2023 09:38

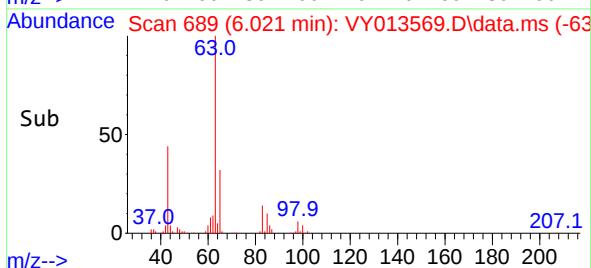
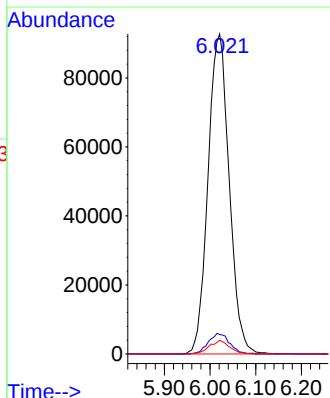
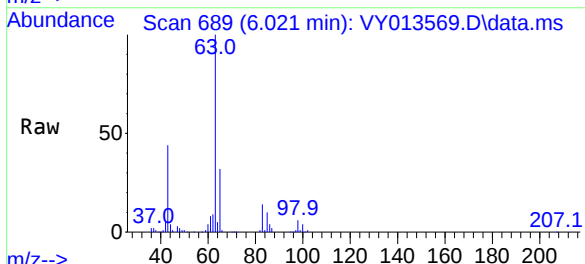
Instrument :
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 ClientSampleId :
 VSTDCCC050

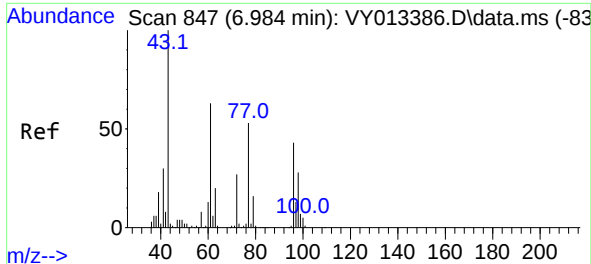
Tgt Ion: 43 Resp: 1694221
 Ion Ratio Lower Upper
 43 100
 86 9.2 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 51.020 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY013569.D
 Acq: 03 May 2023 09:38

Tgt Ion: 63 Resp: 298502
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.5 10.6
 100 4.2 2.2 6.6

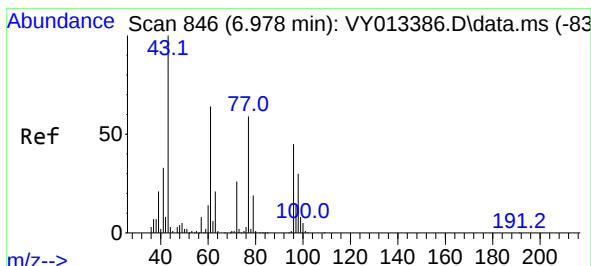
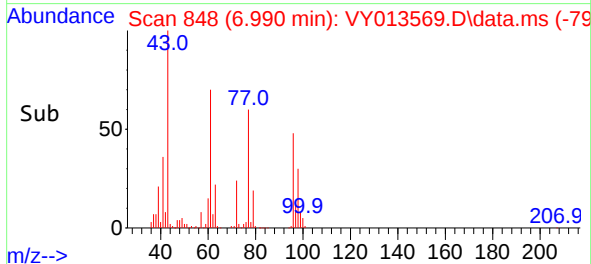
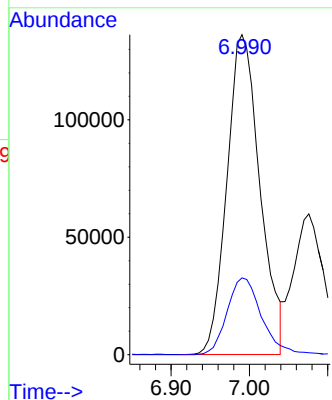
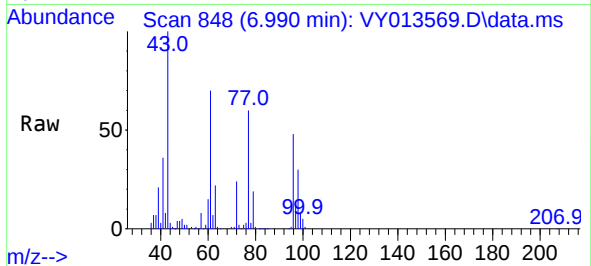




#25
2-Butanone
Concen: 261.816 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

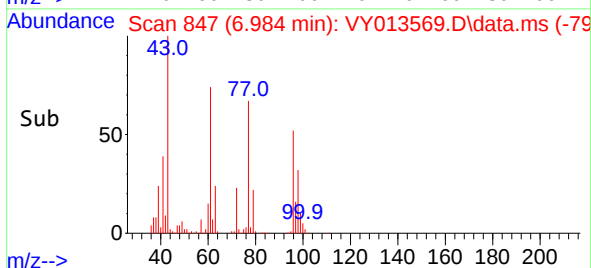
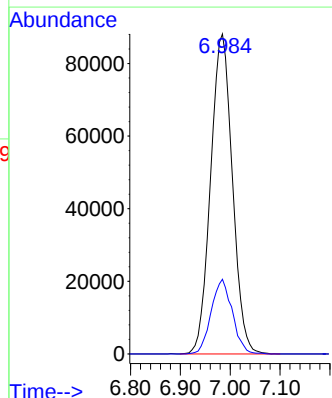
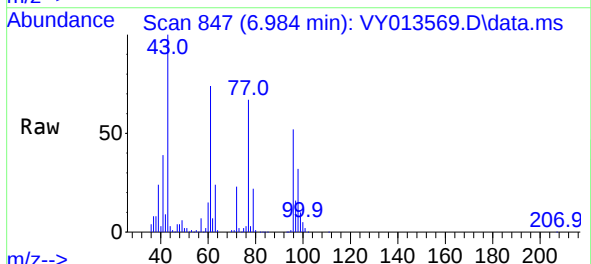
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

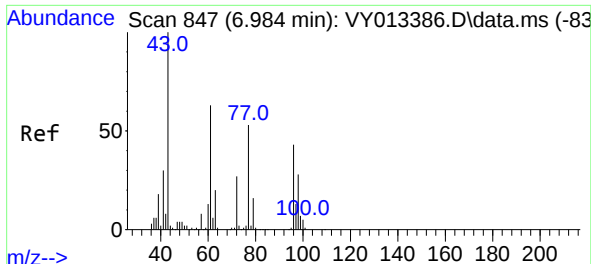
Tgt Ion: 43 Resp: 399228
Ion Ratio Lower Upper
43 100
72 24.0 21.9 32.9



#26
2,2-Dichloropropane
Concen: 53.034 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

Tgt Ion: 77 Resp: 267372
Ion Ratio Lower Upper
77 100
97 22.7 11.8 35.4



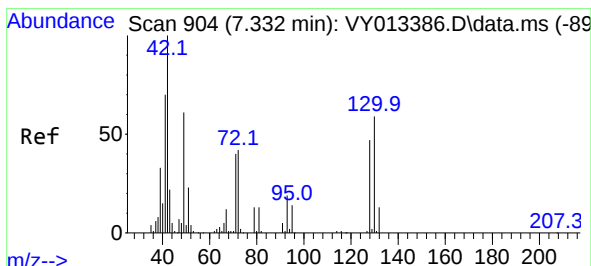
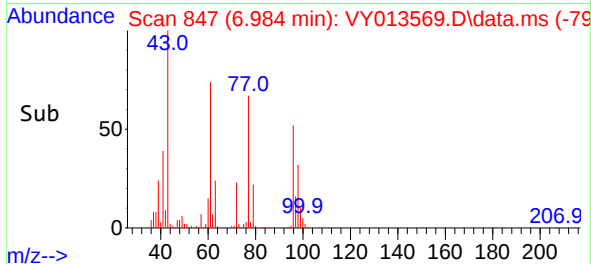
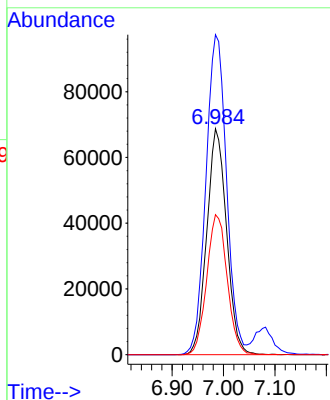
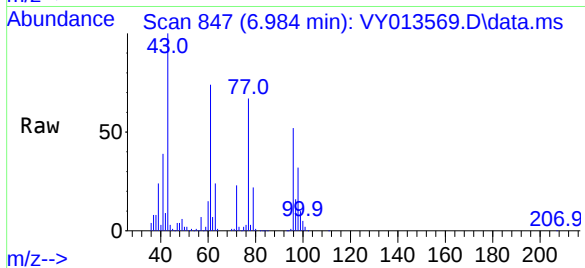


#27
 cis-1,2-Dichloroethene
 Concen: 52.608 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY013569.D
 Acq: 03 May 2023 09:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 183956

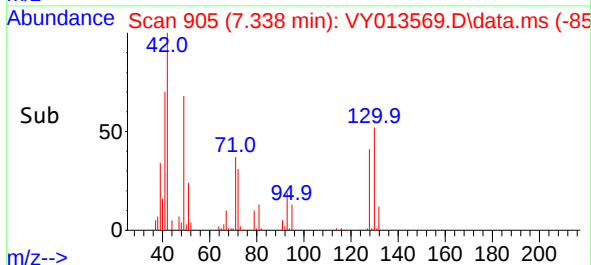
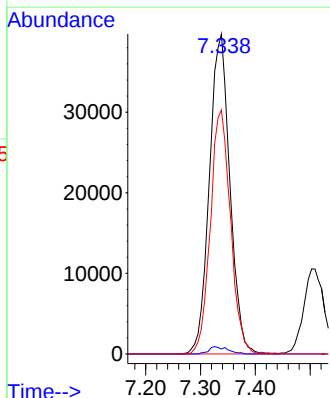
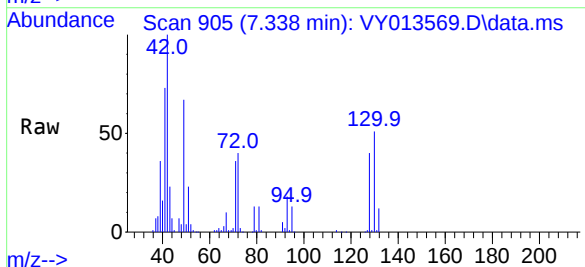
Ion	Ratio	Lower	Upper
96	100		
61	147.7	0.0	285.0
98	64.3	0.0	130.6

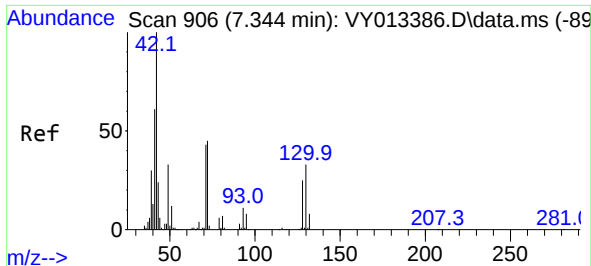


#28
 Bromochloromethane
 Concen: 49.593 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.006 min
 Lab File: VY013569.D
 Acq: 03 May 2023 09:38

Tgt Ion: 49 Resp: 102965

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	5.2
130	74.8	72.1	108.1

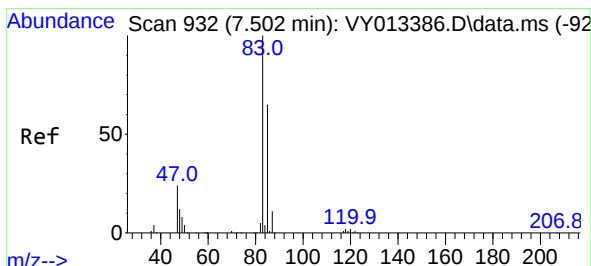
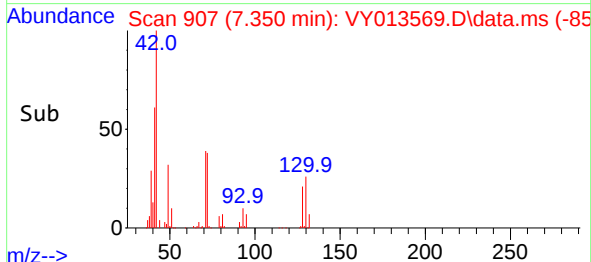
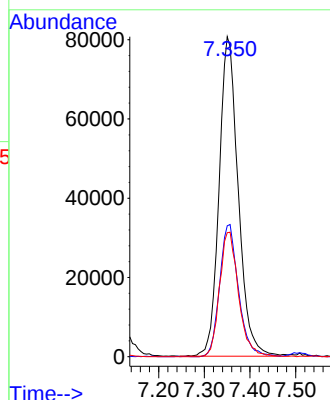
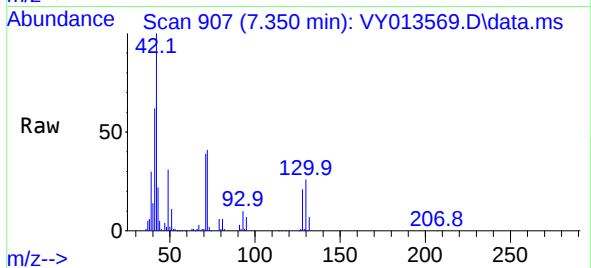




#29
Tetrahydrofuran
Concen: 246.833 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

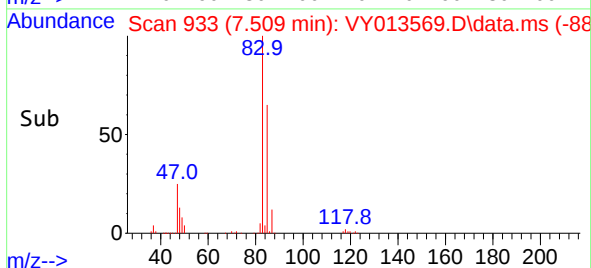
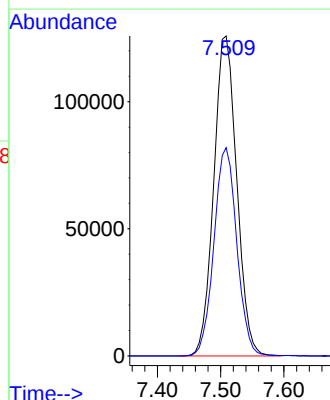
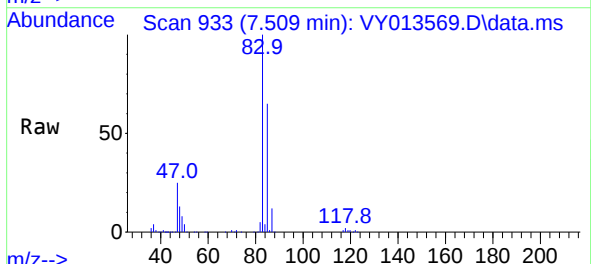
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

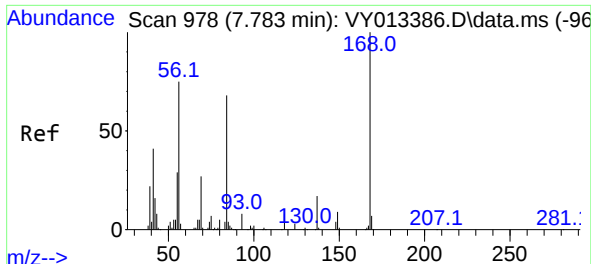
Tgt Ion: 42 Resp: 234289
Ion Ratio Lower Upper
42 100
72 40.9 35.9 53.9
71 38.8 34.3 51.5



#30
Chloroform
Concen: 54.585 ug/l
RT: 7.509 min Scan# 933
Delta R.T. 0.007 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

Tgt Ion: 83 Resp: 317528
Ion Ratio Lower Upper
83 100
85 65.1 52.0 78.0

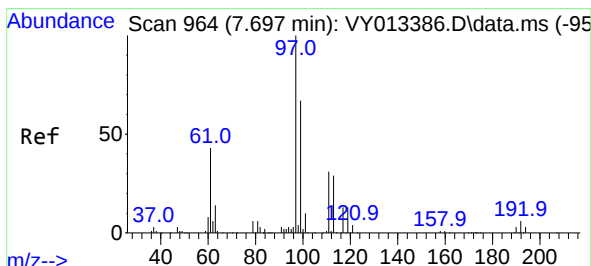
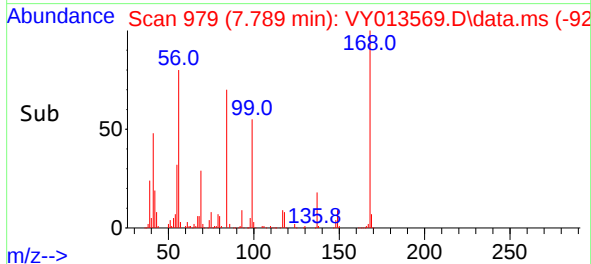
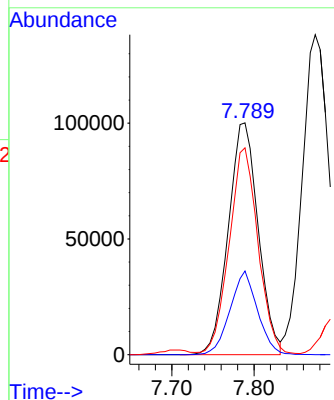
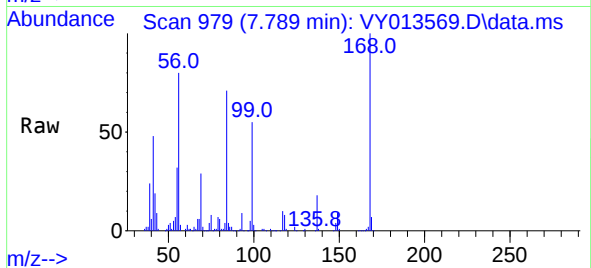




#31
Cyclohexane
Concen: 46.450 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

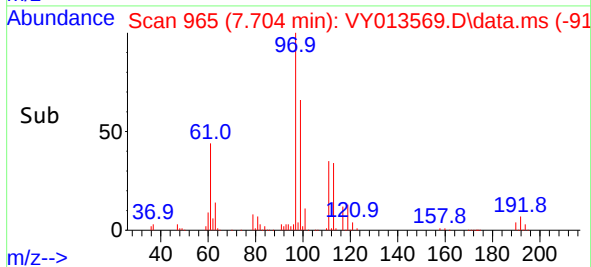
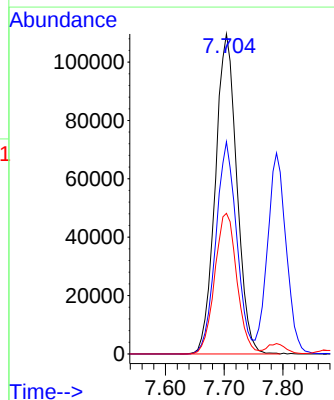
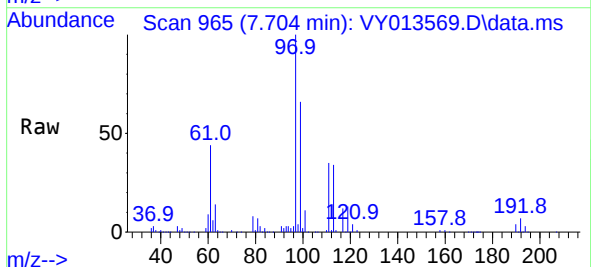
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

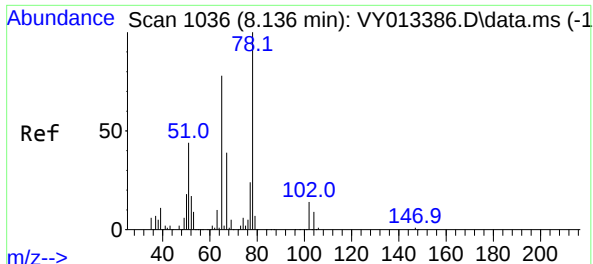
Tgt Ion: 56 Resp: 253914
Ion Ratio Lower Upper
56 100
69 36.1 29.2 43.8
84 87.0 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 53.665 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.007 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

Tgt Ion: 97 Resp: 278567
Ion Ratio Lower Upper
97 100
99 65.0 52.2 78.2
61 45.3 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 49.831 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY013569.D

Acq: 03 May 2023 09:38

Instrument :

MSVOA_Y

ClientSampleId :

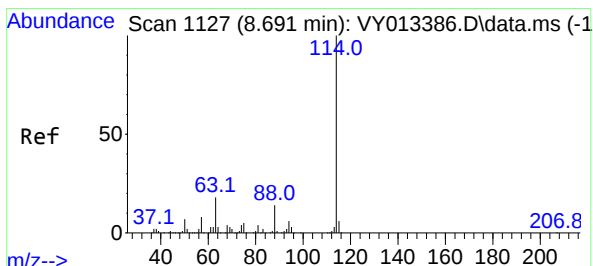
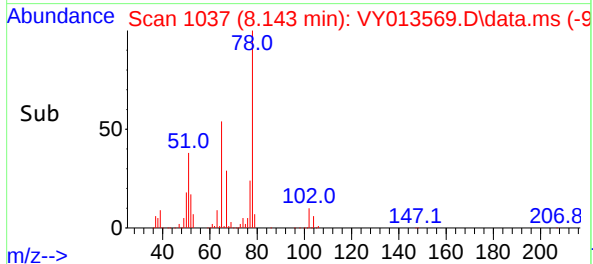
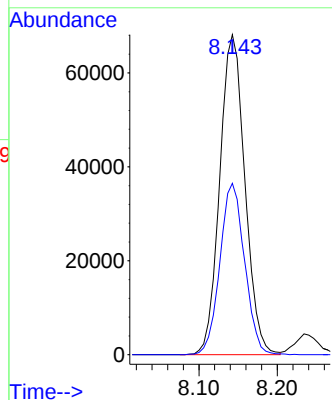
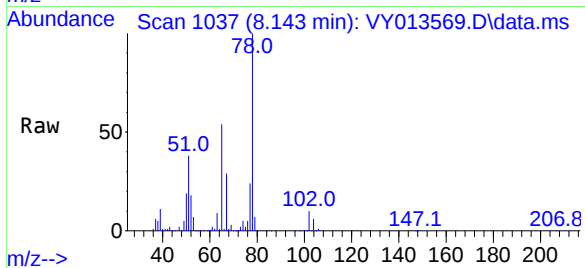
VSTDCCC050

Tgt Ion: 65 Resp: 152141

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013569.D

Acq: 03 May 2023 09:38

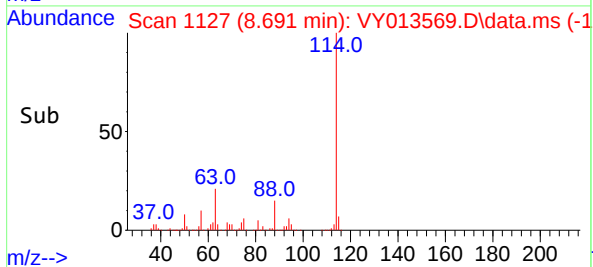
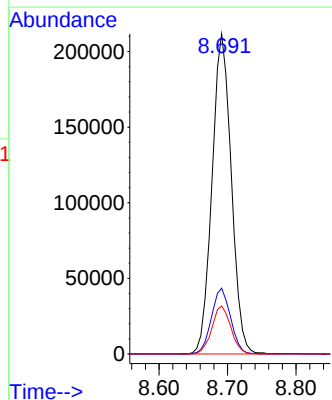
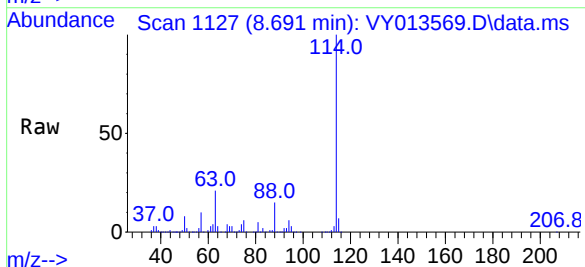
Tgt Ion: 114 Resp: 413285

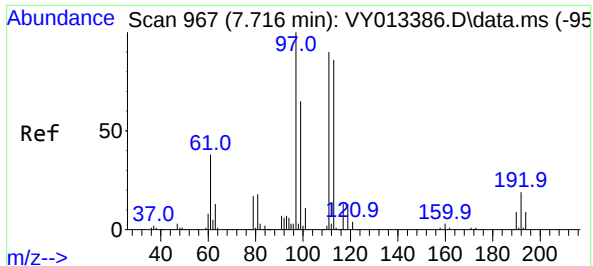
Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.6

88 15.0 0.0 28.8





#35

Dibromofluoromethane

Concen: 52.705 ug/l

RT: 7.722 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY013569.D

Acq: 03 May 2023 09:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

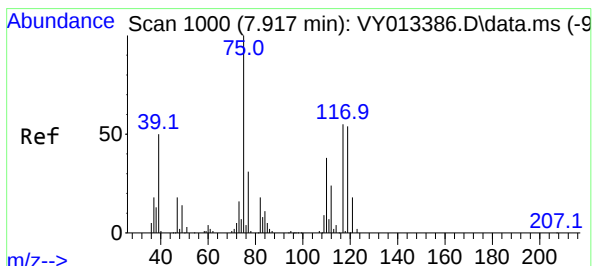
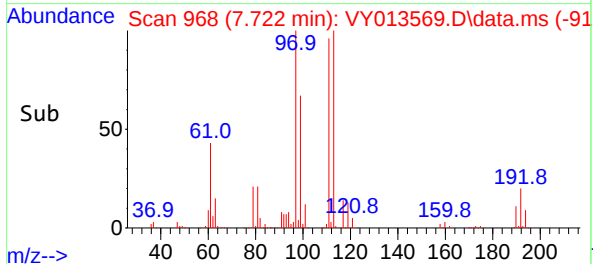
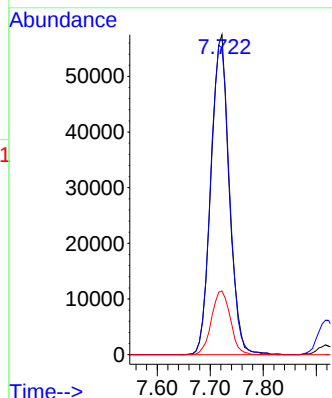
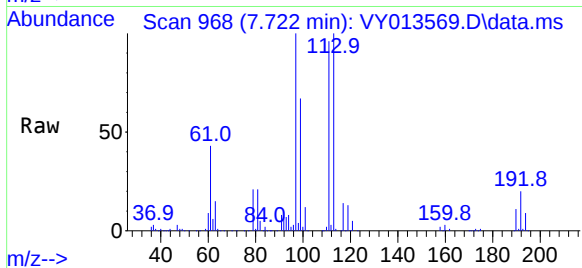
Tgt Ion:113 Resp: 137000

Ion Ratio Lower Upper

113 100

111 100.6 82.2 123.2

192 20.6 16.7 25.1



#36

1,1-Dichloropropene

Concen: 54.294 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY013569.D

Acq: 03 May 2023 09:38

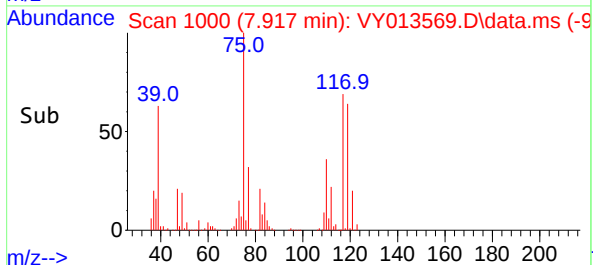
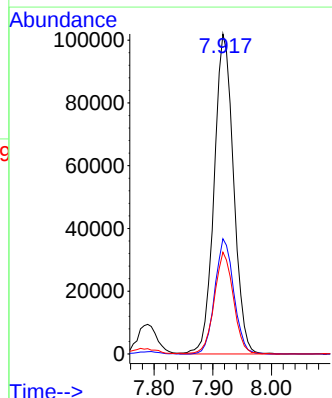
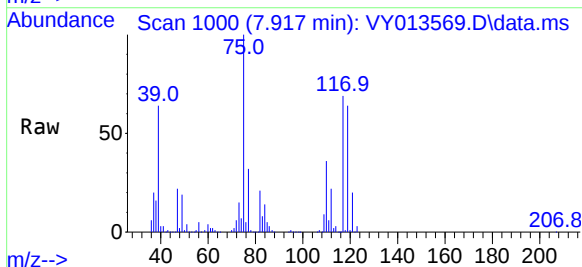
Tgt Ion: 75 Resp: 234224

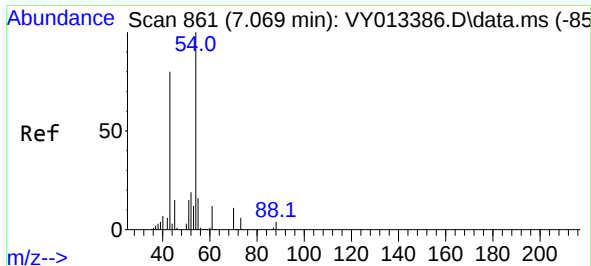
Ion Ratio Lower Upper

75 100

110 35.0 18.7 56.1

77 31.3 24.6 37.0

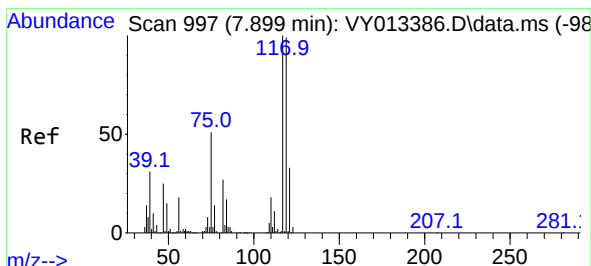
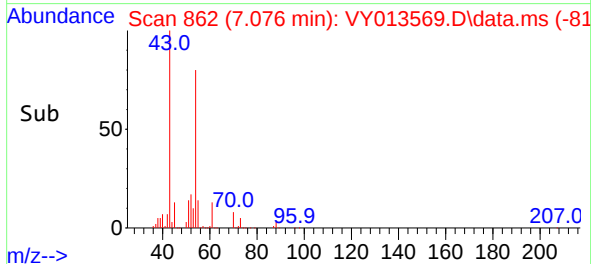
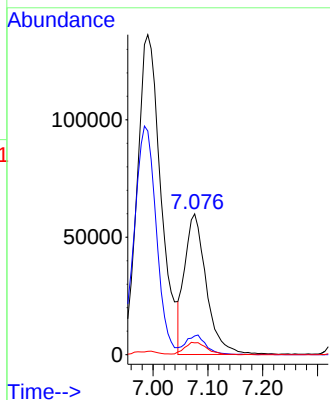
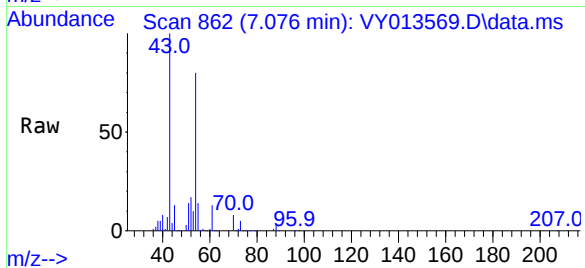




#37
Ethyl Acetate
Concen: 50.592 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.007 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

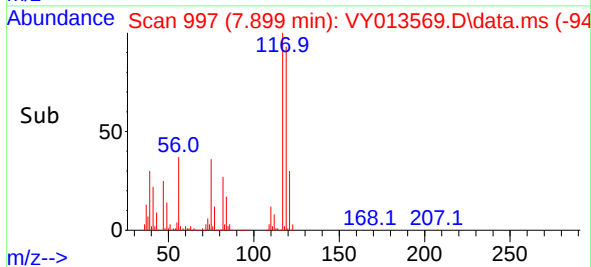
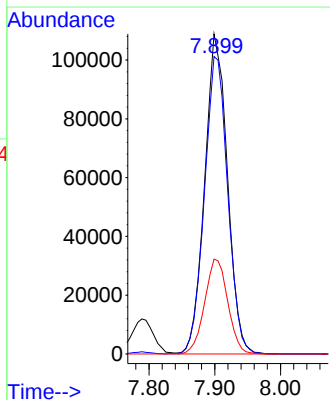
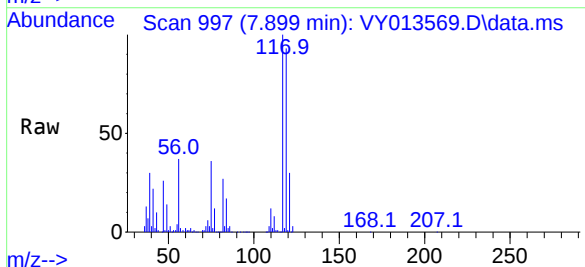
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

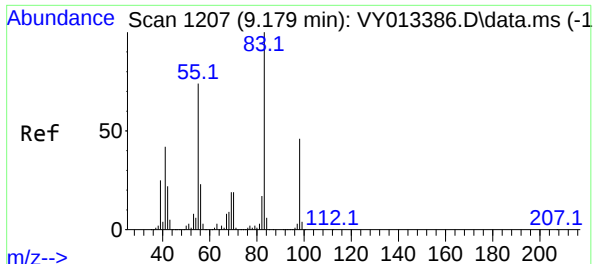
Tgt Ion: 43 Resp: 164243
Ion Ratio Lower Upper
43 100
61 13.3 11.4 17.0
70 9.0 7.9 11.9



#38
Carbon Tetrachloride
Concen: 57.936 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

Tgt Ion: 117 Resp: 261963
Ion Ratio Lower Upper
117 100
119 92.8 79.0 118.6
121 29.7 26.6 40.0





#39

Methylcyclohexane

Concen: 51.658 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013569.D

Acq: 03 May 2023 09:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

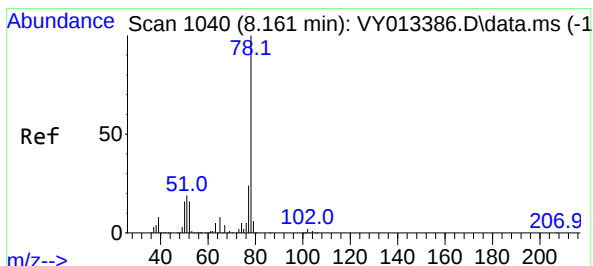
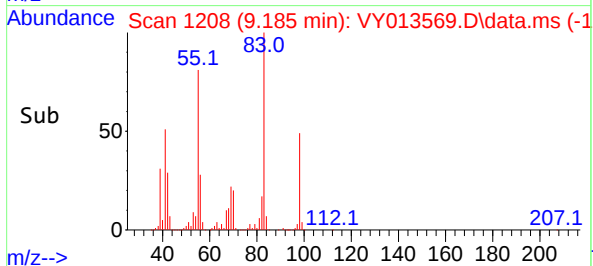
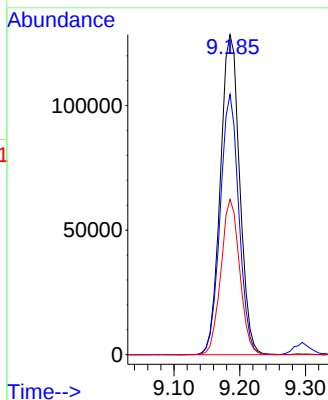
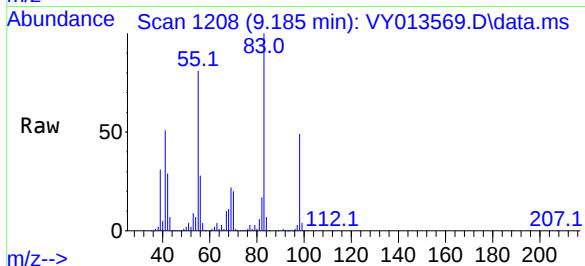
Tgt Ion: 83 Resp: 262722

Ion Ratio Lower Upper

83 100

55 81.4 59.0 88.4

98 48.6 37.0 55.4



#40

Benzene

Concen: 55.242 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013569.D

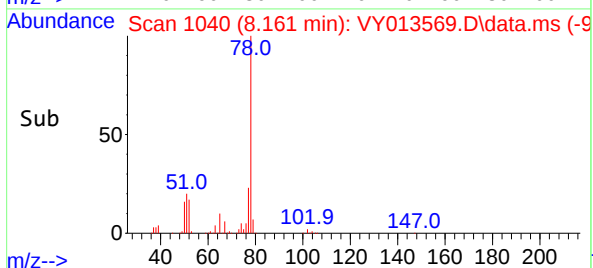
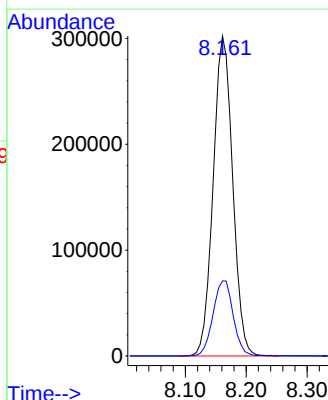
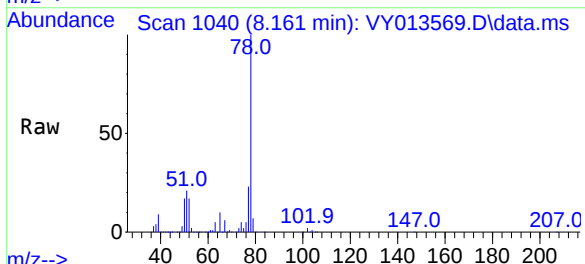
Acq: 03 May 2023 09:38

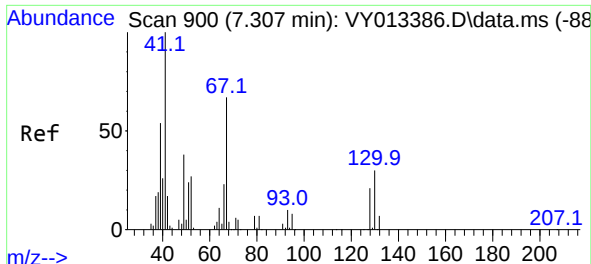
Tgt Ion: 78 Resp: 671302

Ion Ratio Lower Upper

78 100

77 23.4 19.2 28.8



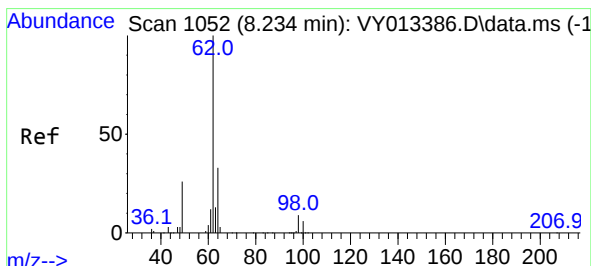
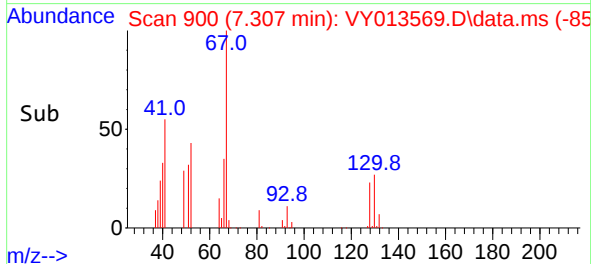
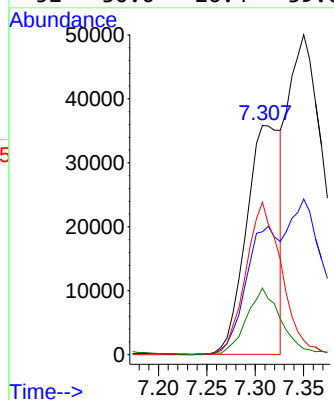
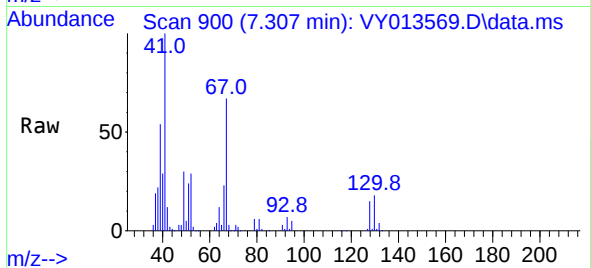


#41
Methacrylonitrile
Concen: 58.202 ug/l
RT: 7.307 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 88049

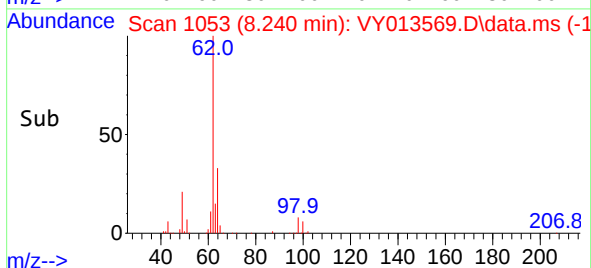
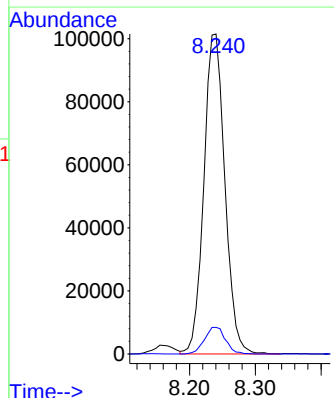
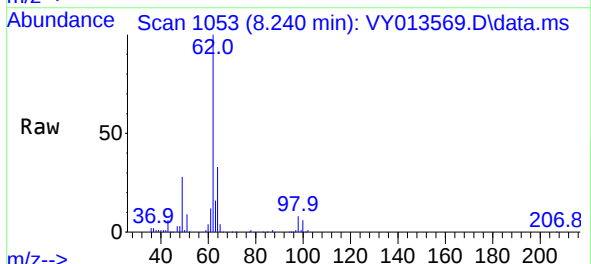
Ion	Ratio	Lower	Upper
41	100		
39	55.3	44.2	66.4
67	70.3	62.9	94.3
52	30.0	26.4	39.6

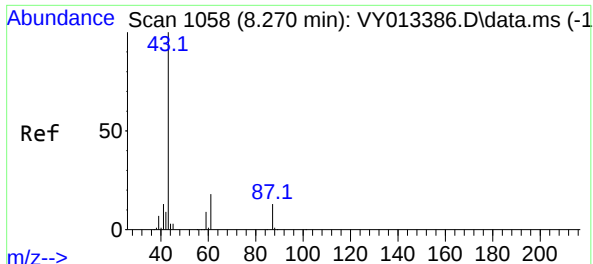


#42
1,2-Dichloroethane
Concen: 56.838 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

Tgt Ion: 62 Resp: 225812

Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.8





#43

Isopropyl Acetate

Concen: 52.291 ug/l

RT: 8.271 min Scan# 1105

Delta R.T. 0.001 min

Lab File: VY013569.D

Acq: 03 May 2023 09:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

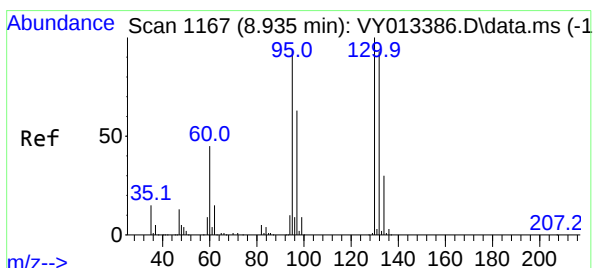
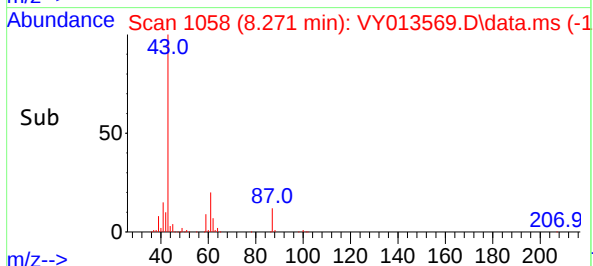
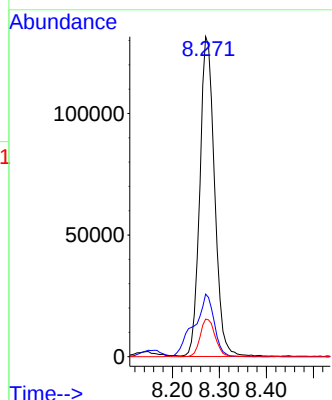
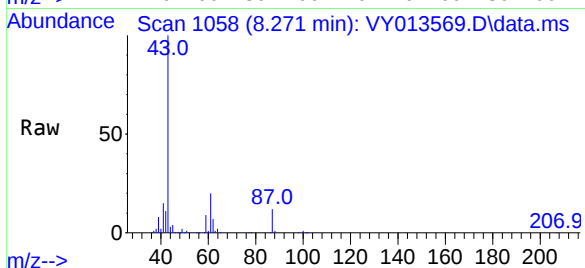
Tgt Ion: 43 Resp: 286539

Ion Ratio Lower Upper

43 100

61 26.8 22.2 33.4

87 12.0 11.0 16.6



#44

Trichloroethene

Concen: 54.493 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.006 min

Lab File: VY013569.D

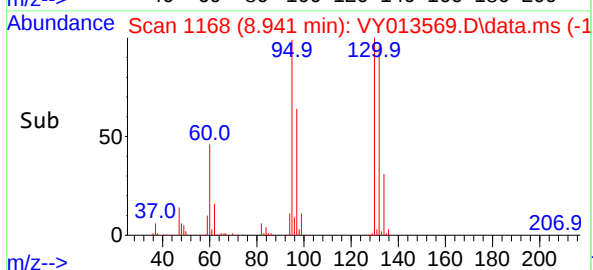
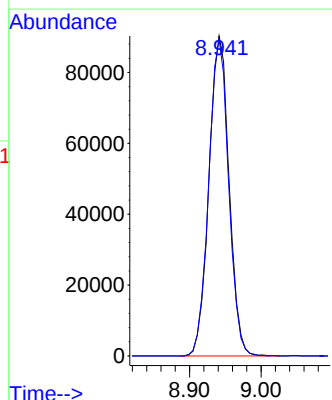
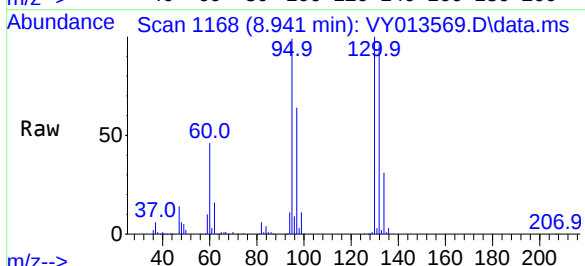
Acq: 03 May 2023 09:38

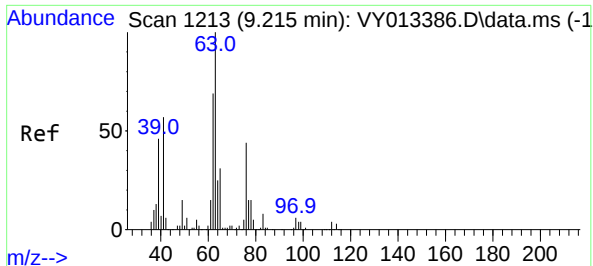
Tgt Ion:130 Resp: 176147

Ion Ratio Lower Upper

130 100

95 98.9 0.0 188.8





#45

1,2-Dichloropropane

Concen: 54.963 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.001 min

Lab File: VY013569.D

Acq: 03 May 2023 09:38

Instrument :

MSVOA_Y

ClientSampleId :

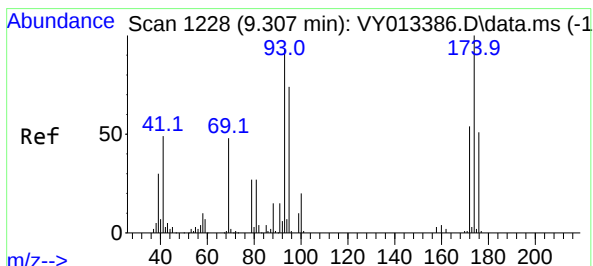
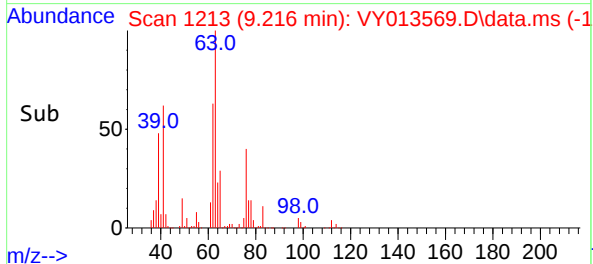
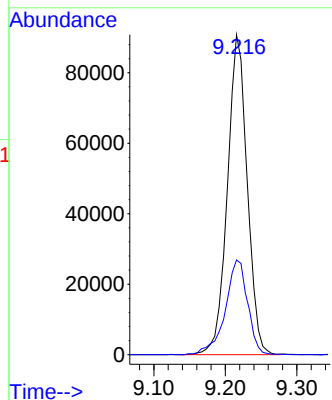
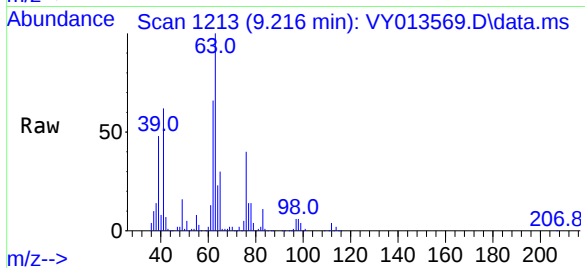
VSTDCCC050

Tgt Ion: 63 Resp: 174636

Ion Ratio Lower Upper

63 100

65 29.6 24.6 37.0



#46

Dibromomethane

Concen: 55.803 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY013569.D

Acq: 03 May 2023 09:38

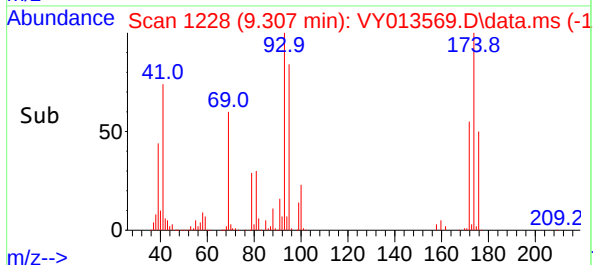
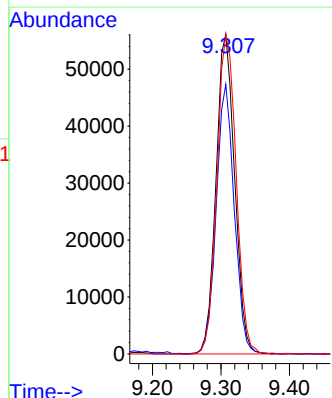
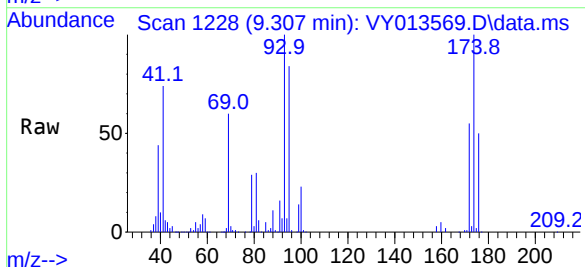
Tgt Ion: 93 Resp: 106088

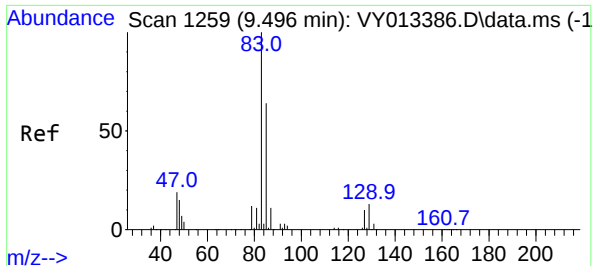
Ion Ratio Lower Upper

93 100

95 81.8 67.1 100.7

174 102.7 87.0 130.4

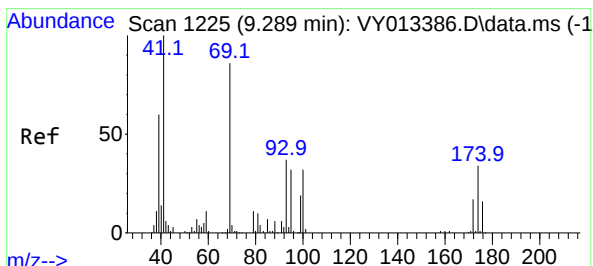
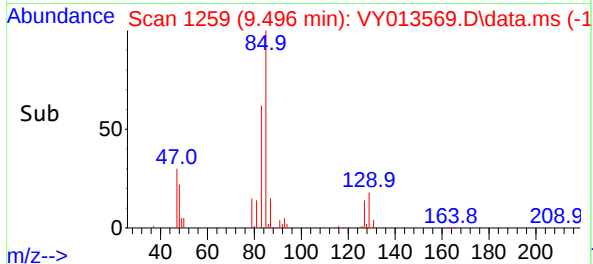
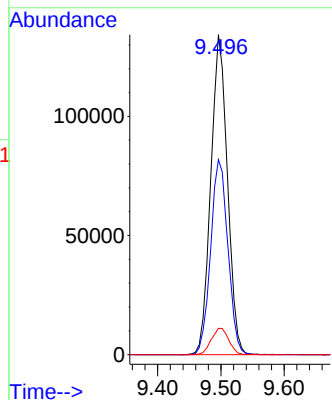
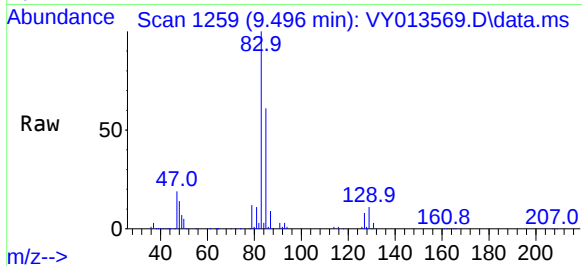




#47
Bromodichloromethane
Concen: 57.661 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

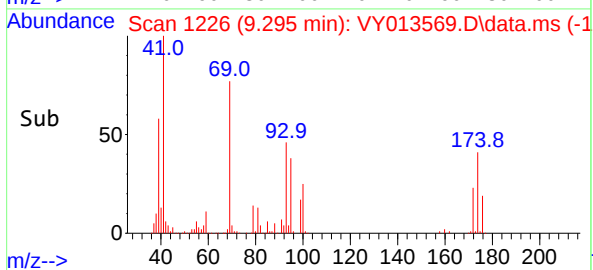
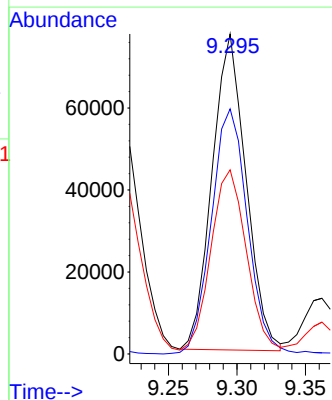
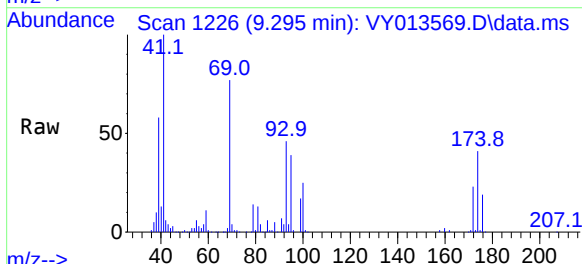
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

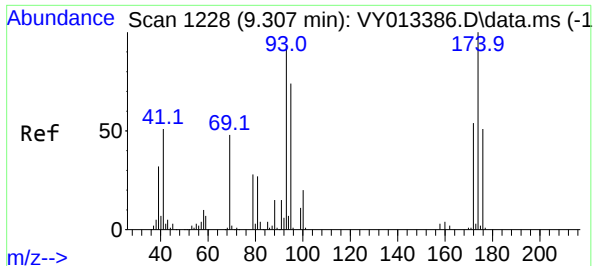
Tgt Ion: 83 Resp: 245288
Ion Ratio Lower Upper
83 100
85 61.0 51.4 77.2
127 8.3 8.1 12.1



#48
Methyl methacrylate
Concen: 52.552 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

Tgt Ion: 41 Resp: 132254
Ion Ratio Lower Upper
41 100
69 83.5 70.2 105.4
39 59.7 47.9 71.9





#49

1,4-Dioxane

Concen: 1091.337 ug/l

RT: 9.319 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY013569.D

Acq: 03 May 2023 09:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

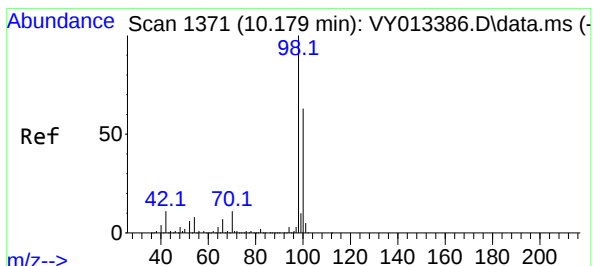
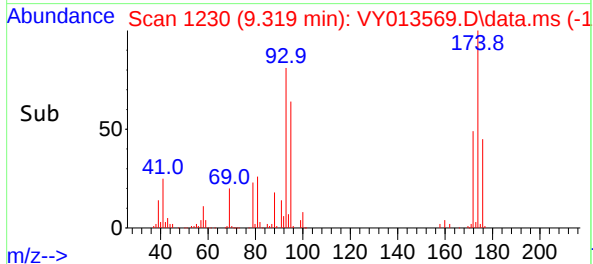
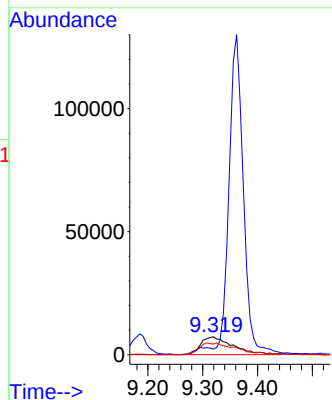
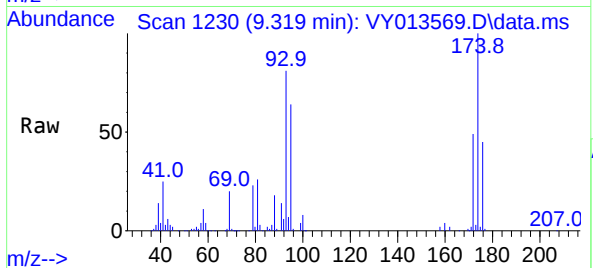
Tgt Ion: 88 Resp: 29632

Ion Ratio Lower Upper

88 100

43 0.0 16.8 25.2#

58 75.5 54.3 81.5



#50

Toluene-d8

Concen: 50.461 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013569.D

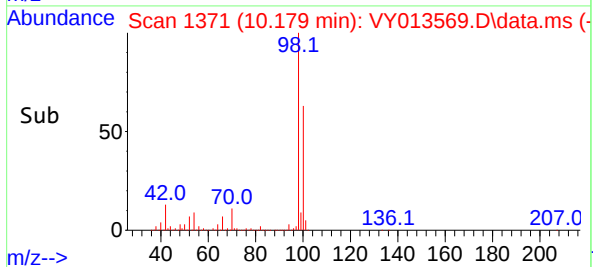
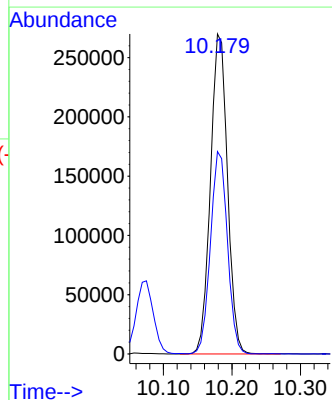
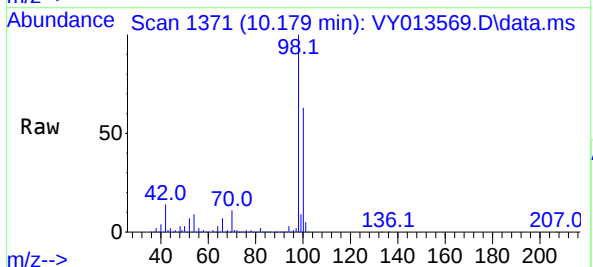
Acq: 03 May 2023 09:38

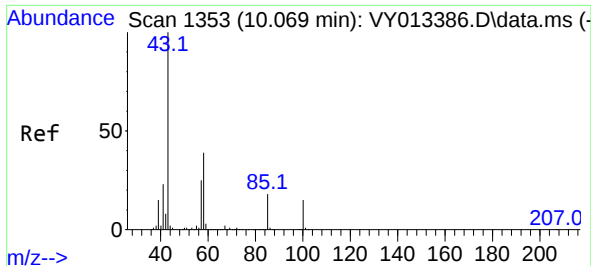
Tgt Ion: 98 Resp: 466615

Ion Ratio Lower Upper

98 100

100 63.1 50.5 75.7

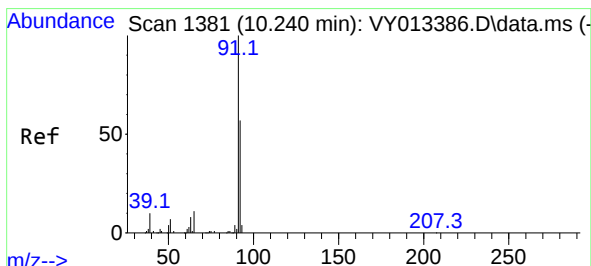
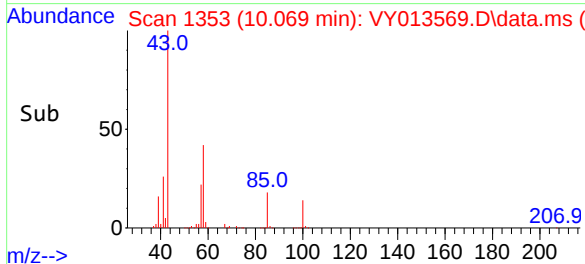
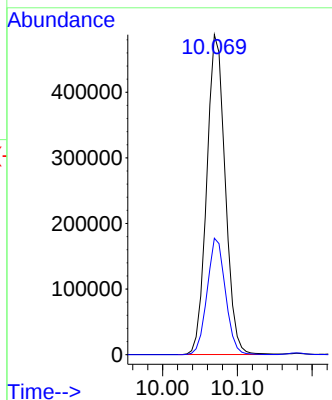
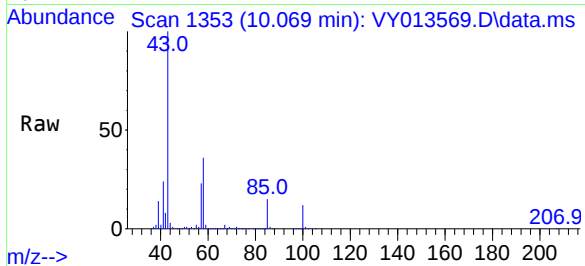




#51
4-Methyl-2-Pentanone
Concen: 274.027 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

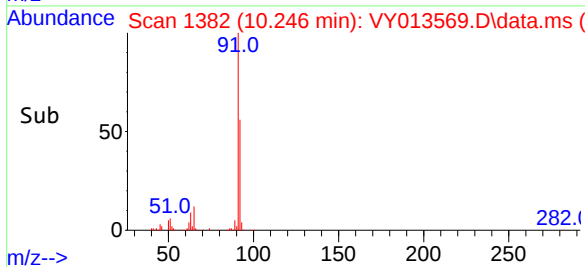
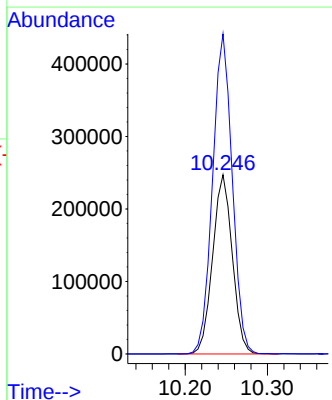
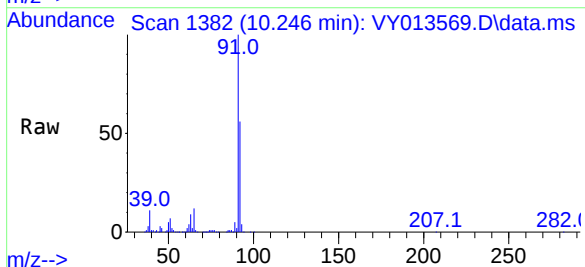
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

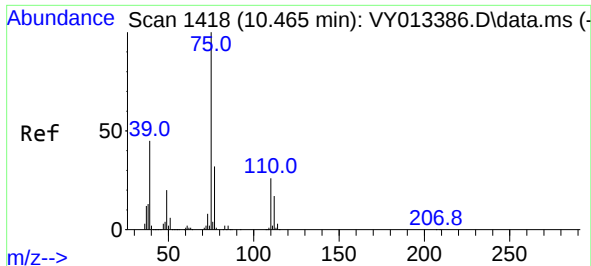
Tgt Ion: 43 Resp: 836746
Ion Ratio Lower Upper
43 100
58 36.1 30.6 46.0



#52
Toluene
Concen: 55.905 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

Tgt Ion: 92 Resp: 408820
Ion Ratio Lower Upper
92 100
91 179.4 140.2 210.4

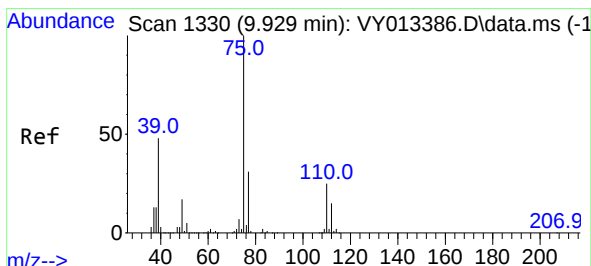
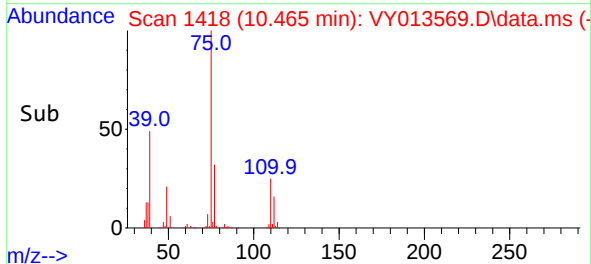
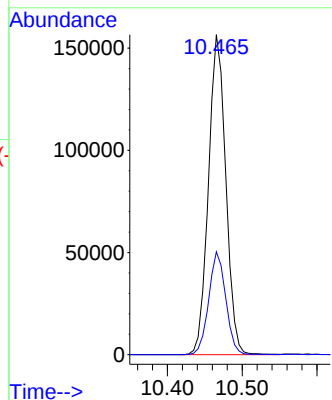
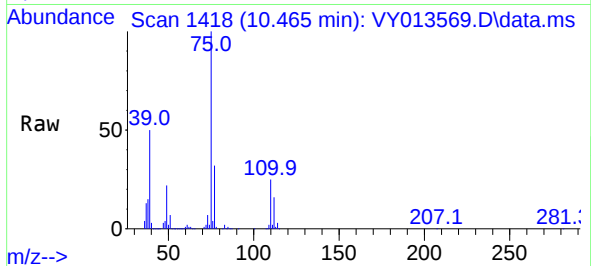




#53
t-1,3-Dichloropropene
Concen: 56.169 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

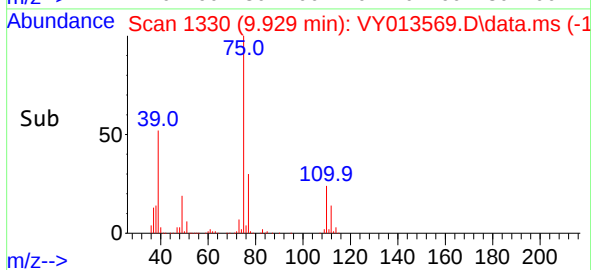
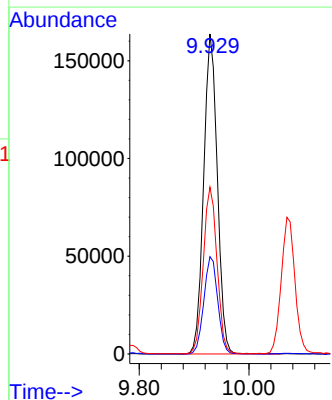
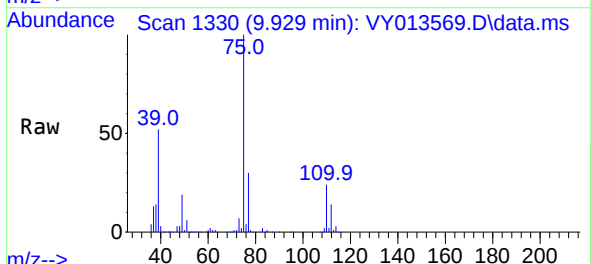
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

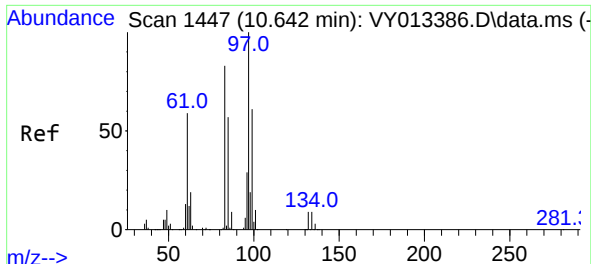
Tgt Ion: 75 Resp: 252882
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 55.730 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

Tgt Ion: 75 Resp: 282327
Ion Ratio Lower Upper
75 100
77 30.4 24.8 37.2
39 52.0 38.1 57.1



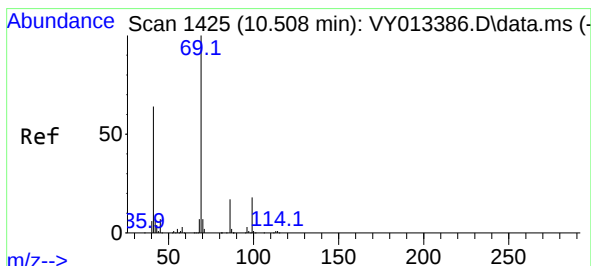
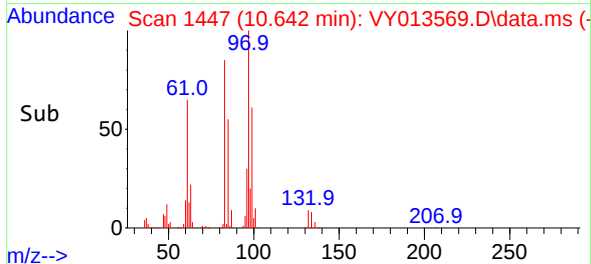
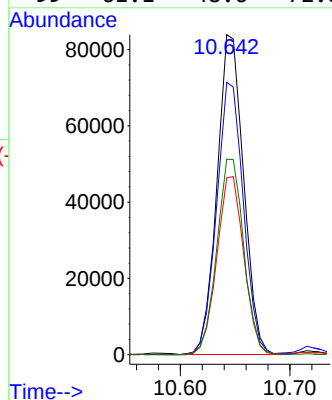
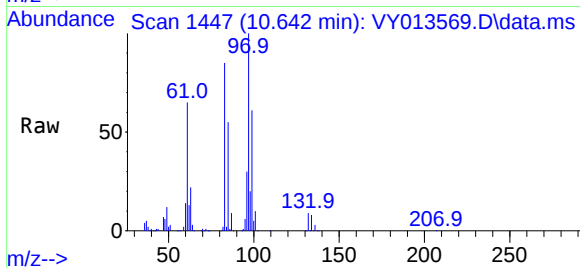


#55
1,1,2-Trichloroethane
Concen: 56.075 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 141177

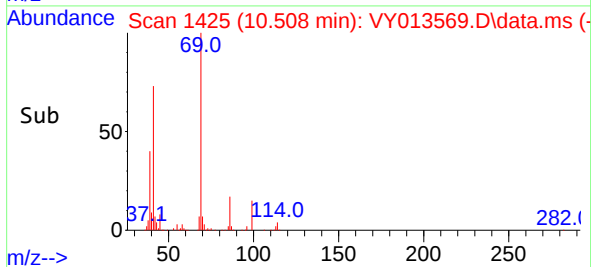
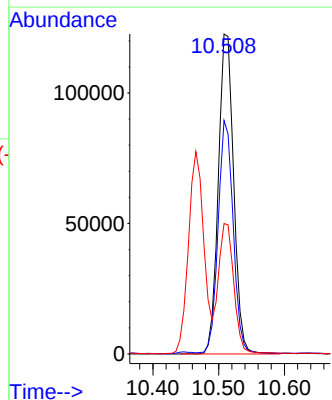
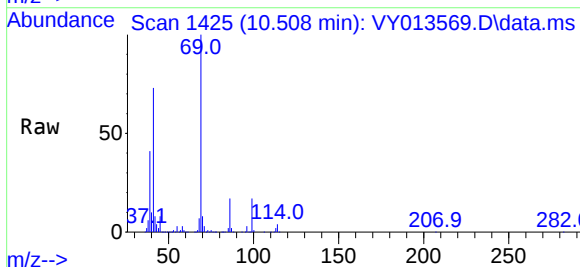
Ion	Ratio	Lower	Upper
97	100		
83	85.2	66.4	99.6
85	55.3	45.6	68.4
99	61.1	48.6	72.8

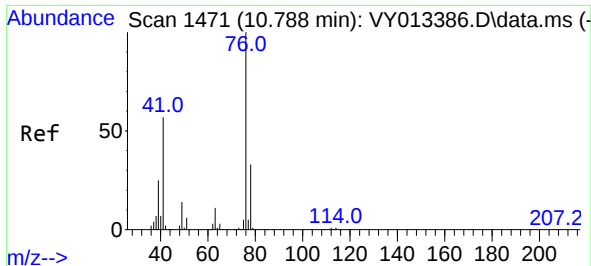


#56
Ethyl methacrylate
Concen: 57.034 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

Tgt Ion: 69 Resp: 199211

Ion	Ratio	Lower	Upper
69	100		
41	71.3	51.4	77.0
39	40.8	29.0	43.6





#57

1,3-Dichloropropane

Concen: 55.639 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VY013569.D

Acq: 03 May 2023 09:38

Instrument :

MSVOA_Y

ClientSampleId :

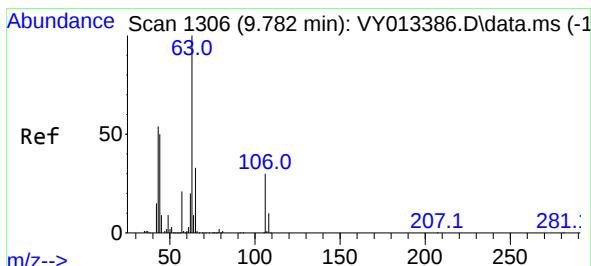
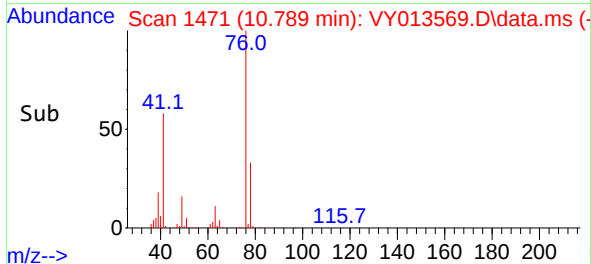
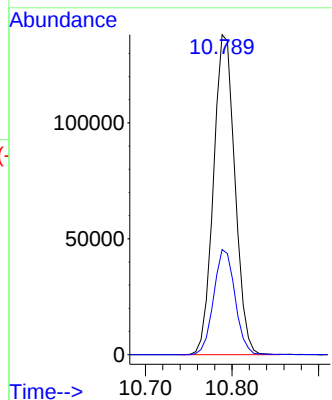
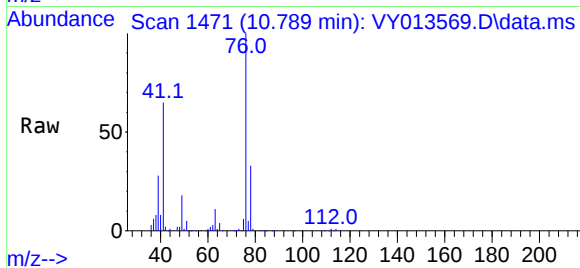
VSTDCCC050

Tgt Ion: 76 Resp: 237238

Ion Ratio Lower Upper

76 100

78 32.8 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 249.326 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY013569.D

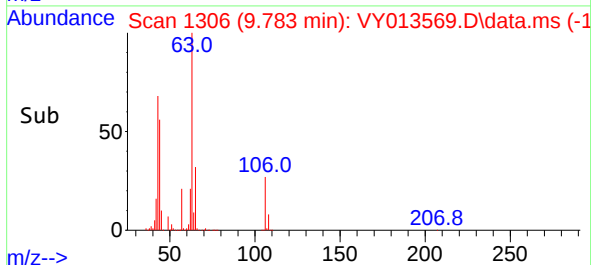
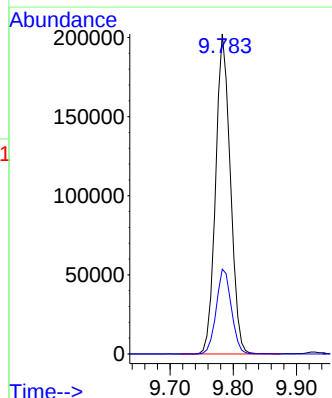
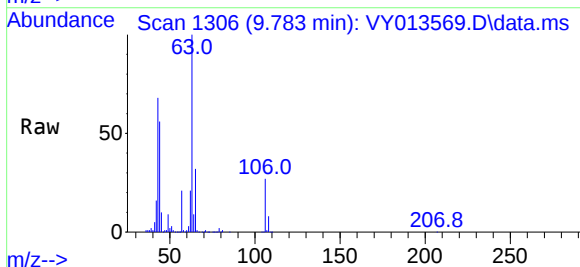
Acq: 03 May 2023 09:38

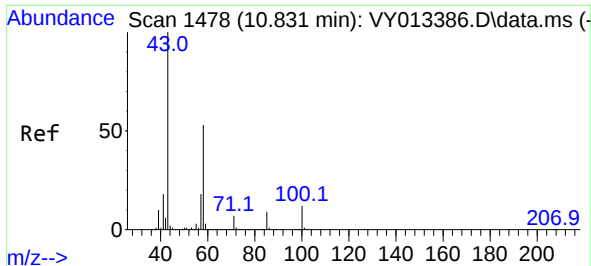
Tgt Ion: 63 Resp: 326558

Ion Ratio Lower Upper

63 100

106 27.2 23.5 35.3

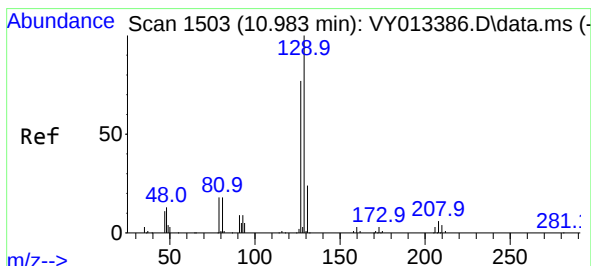
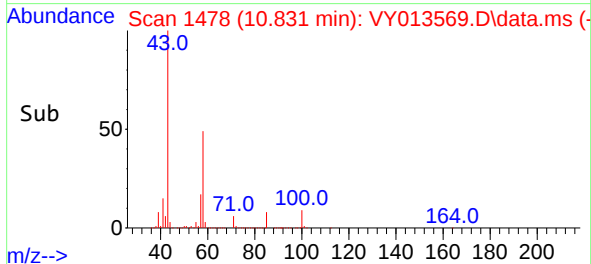
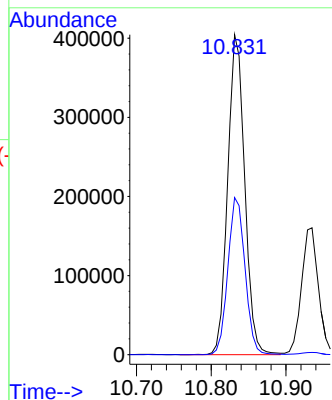
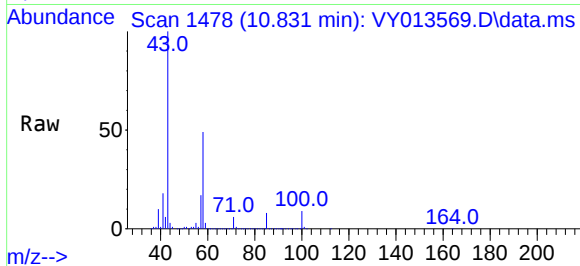




#59
2-Hexanone
Concen: 288.102 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

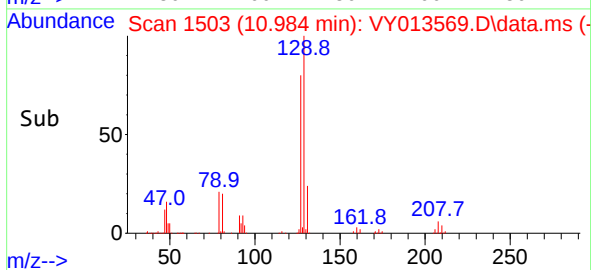
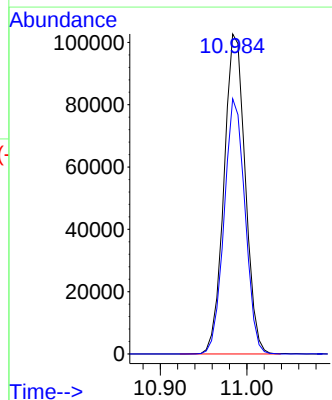
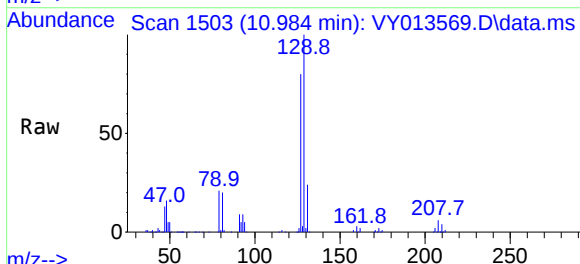
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

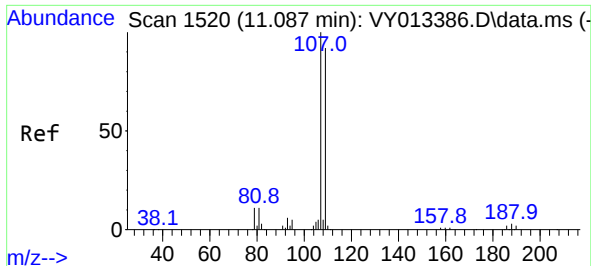
Tgt Ion: 43 Resp: 639490
Ion Ratio Lower Upper
43 100
58 49.6 26.3 78.8



#60
Dibromochloromethane
Concen: 57.247 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

Tgt Ion: 129 Resp: 175004
Ion Ratio Lower Upper
129 100
127 78.3 38.7 116.1

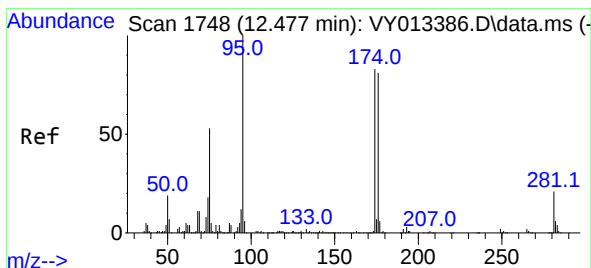
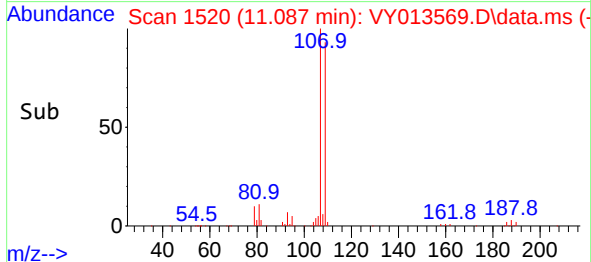
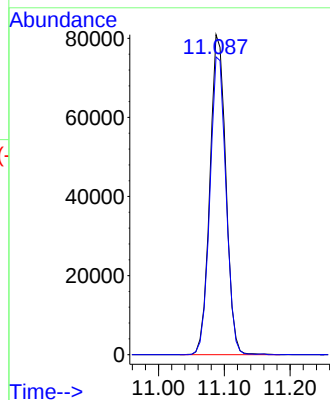
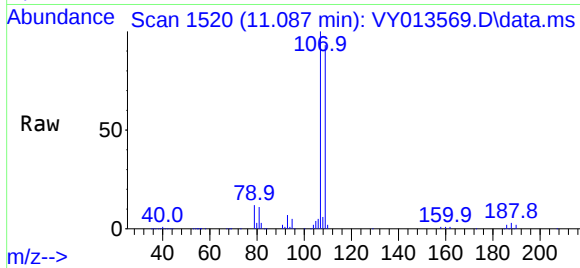




#61
1,2-Dibromoethane
Concen: 55.171 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

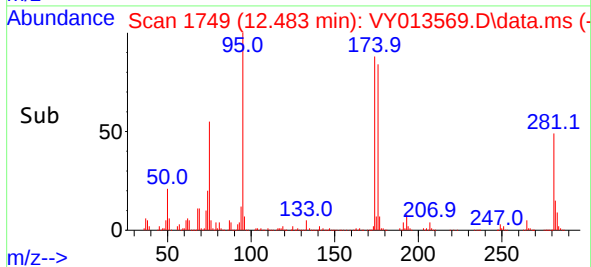
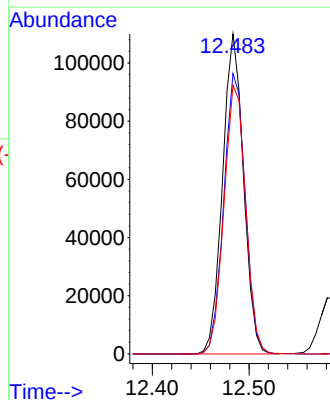
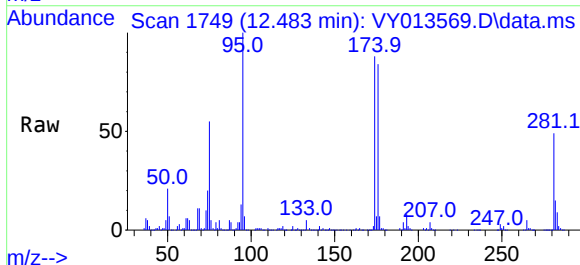
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

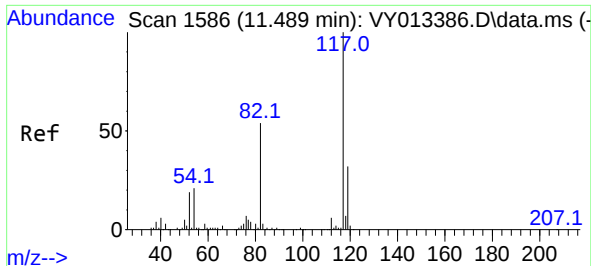
Tgt Ion:107 Resp: 136561
Ion Ratio Lower Upper
107 100
109 93.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 53.069 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

Tgt Ion: 95 Resp: 165438
Ion Ratio Lower Upper
95 100
174 89.7 0.0 182.0
176 87.0 0.0 175.4

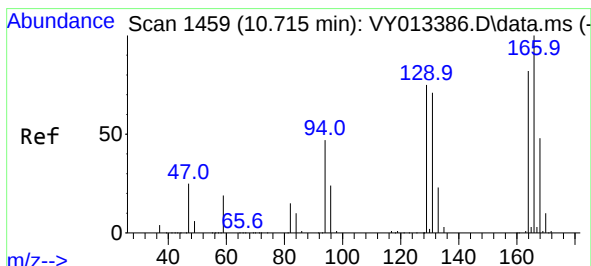
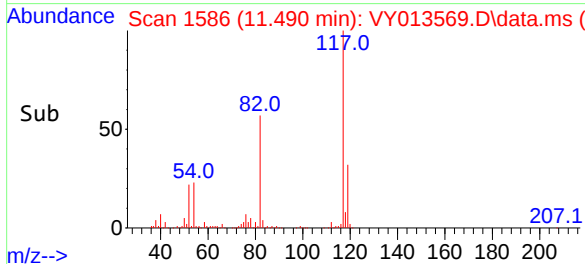
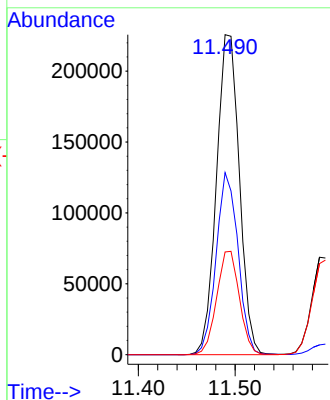
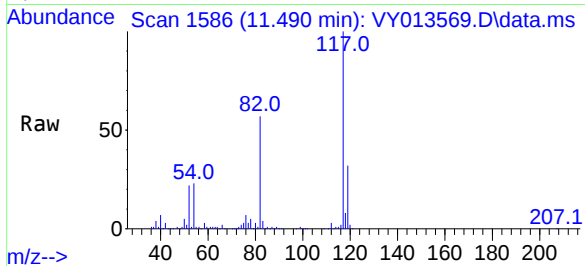




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

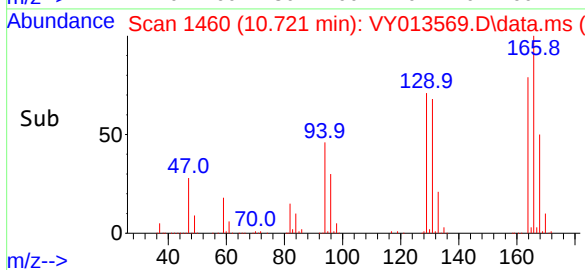
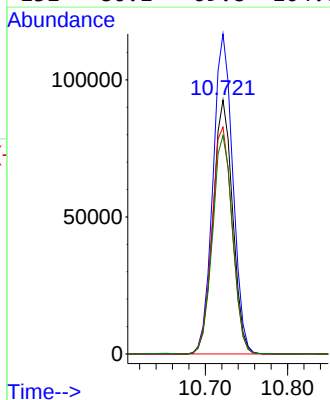
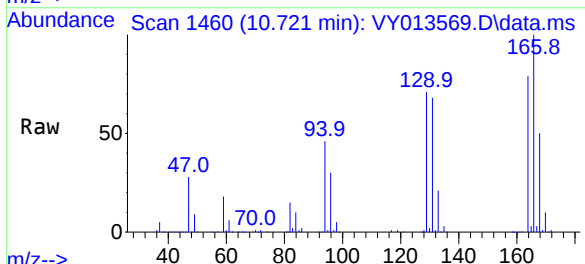
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

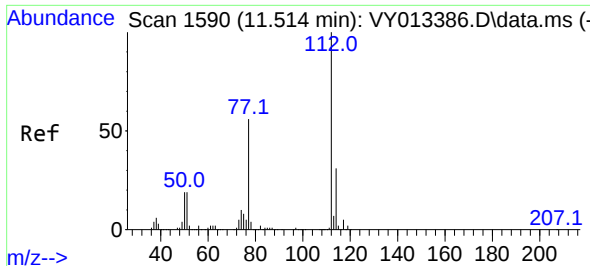
Tgt Ion:117 Resp: 371747
Ion Ratio Lower Upper
117 100
82 56.9 43.0 64.6
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 54.489 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

Tgt Ion:164 Resp: 154029
Ion Ratio Lower Upper
164 100
166 126.1 97.5 146.3
129 89.4 72.6 109.0
131 86.1 69.8 104.6

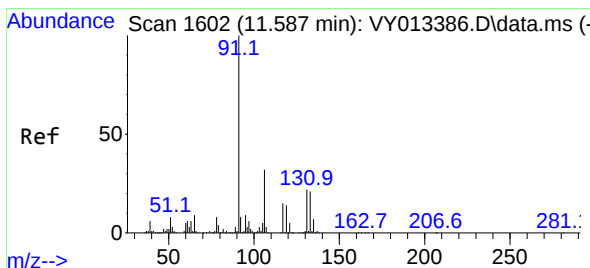
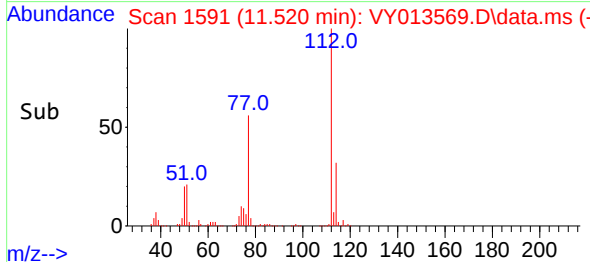
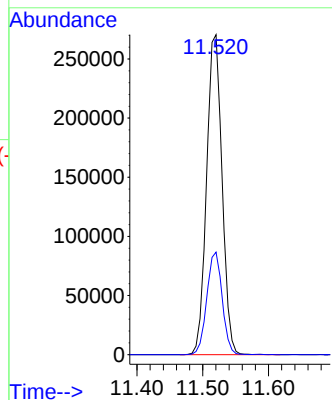
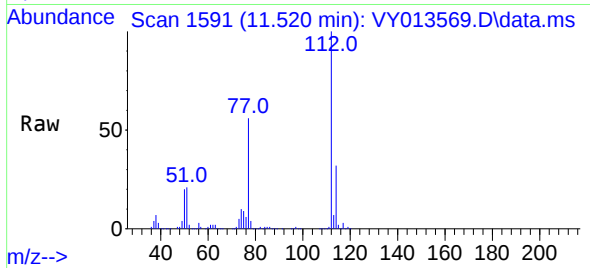




#65
Chlorobenzene
Concen: 54.624 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

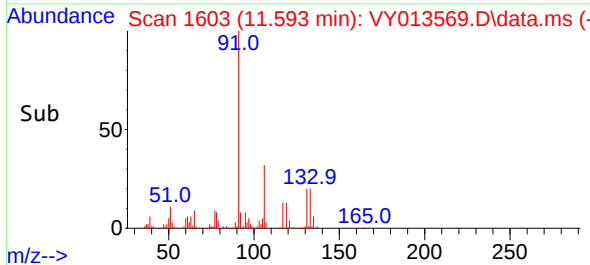
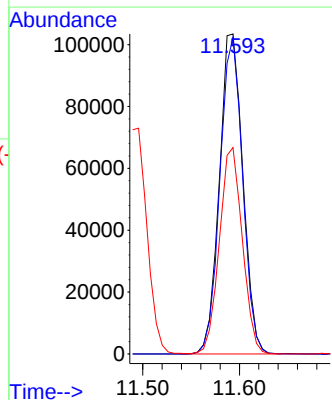
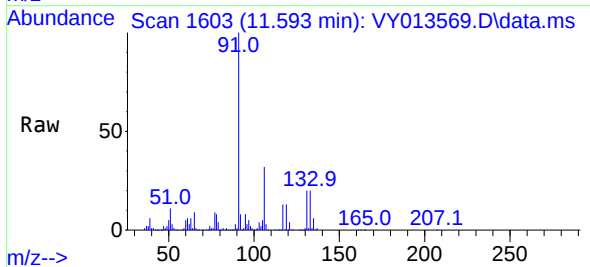
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

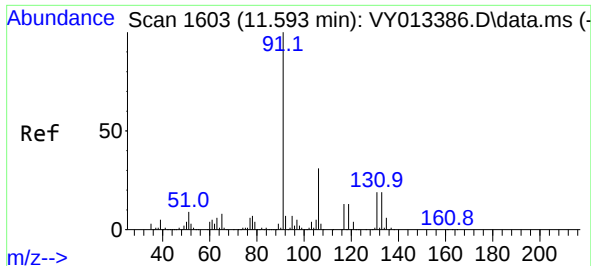
Tgt Ion:112 Resp: 442351
Ion Ratio Lower Upper
112 100
114 32.0 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 57.618 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

Tgt Ion:131 Resp: 174506
Ion Ratio Lower Upper
131 100
133 95.2 47.7 143.1
119 63.0 32.6 98.0





#67

Ethyl Benzene

Concen: 55.785 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013569.D

Acq: 03 May 2023 09:38

Instrument :

MSVOA_Y

ClientSampleId :

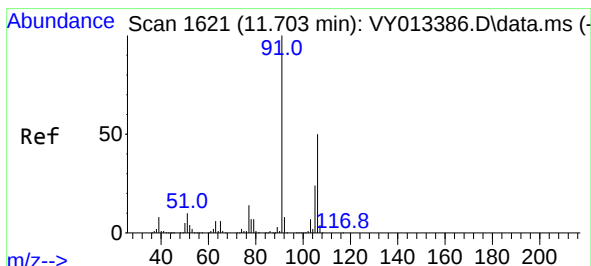
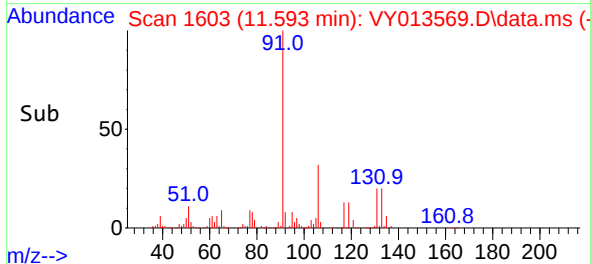
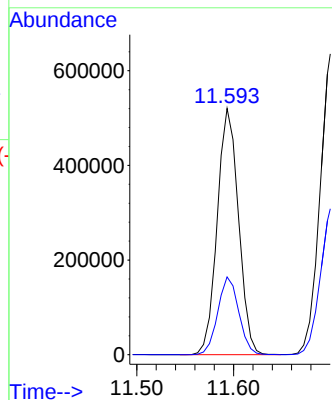
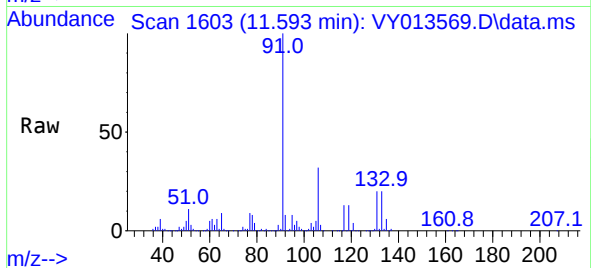
VSTDCCC050

Tgt Ion: 91 Resp: 793279

Ion Ratio Lower Upper

91 100

106 31.6 25.1 37.7



#68

m/p-Xylenes

Concen: 112.423 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY013569.D

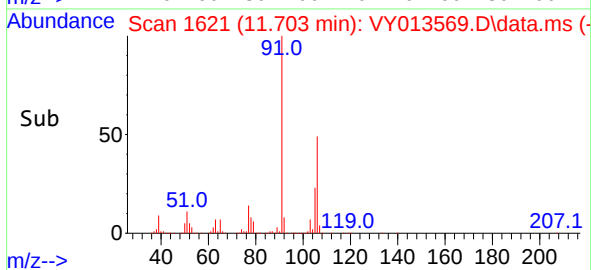
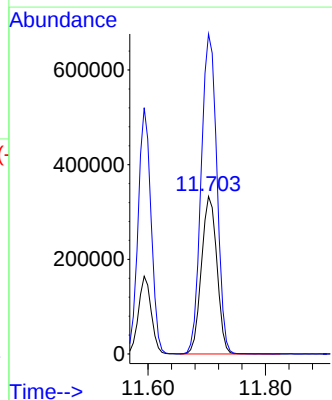
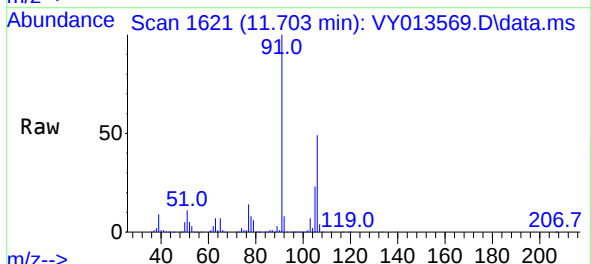
Acq: 03 May 2023 09:38

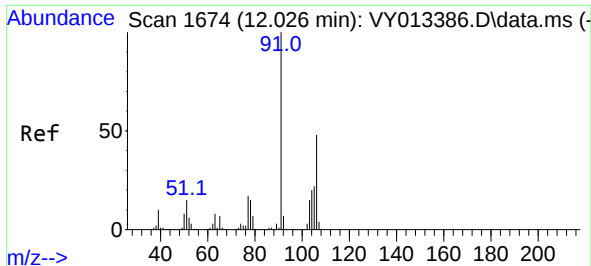
Tgt Ion:106 Resp: 607746

Ion Ratio Lower Upper

106 100

91 206.1 160.9 241.3

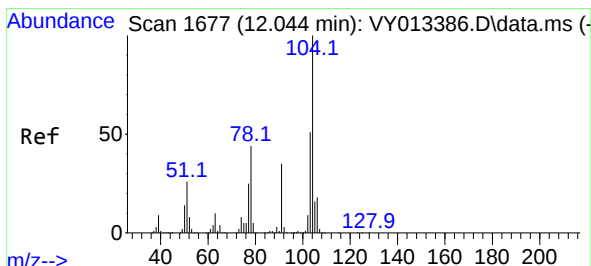
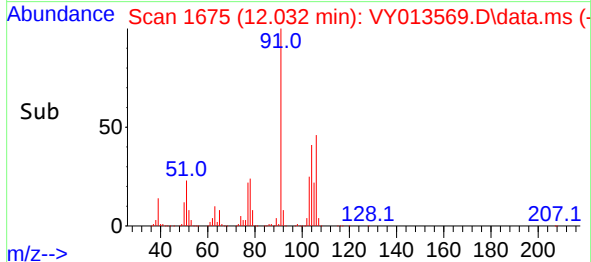
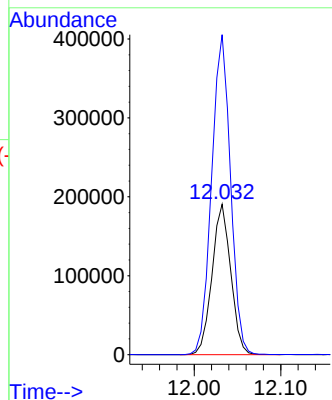
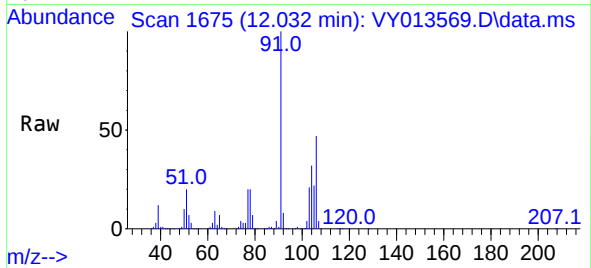




#69
o-Xylene
Concen: 55.955 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

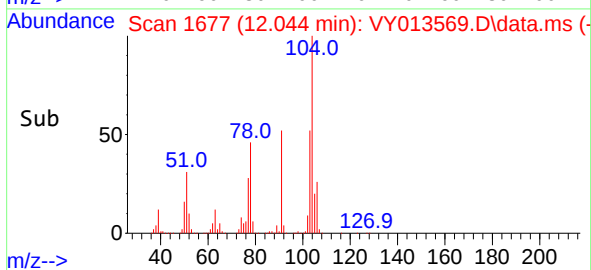
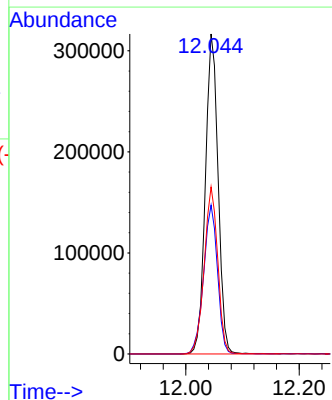
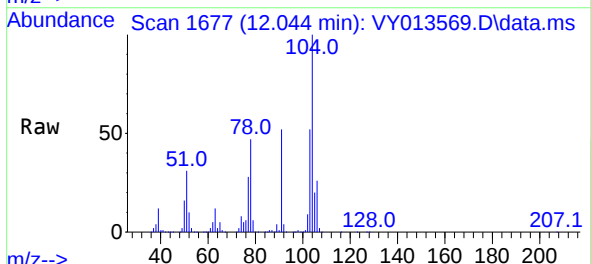
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

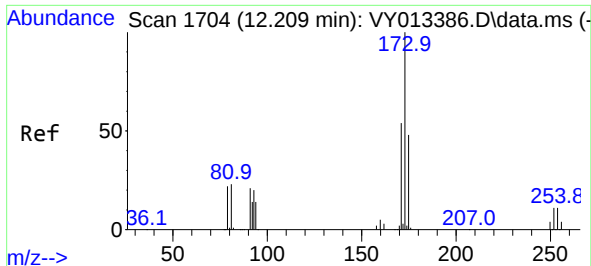
Tgt Ion:106 Resp: 286076
Ion Ratio Lower Upper
106 100
91 214.8 105.5 316.4



#70
Styrene
Concen: 57.754 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

Tgt Ion:104 Resp: 493701
Ion Ratio Lower Upper
104 100
78 50.6 40.3 60.5
103 55.6 45.0 67.4

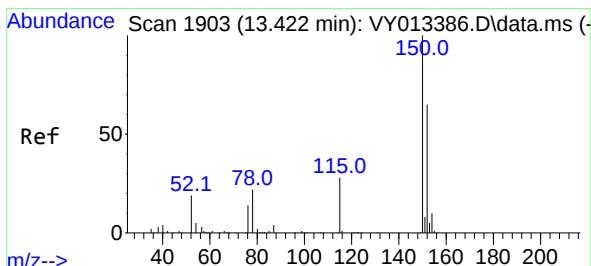
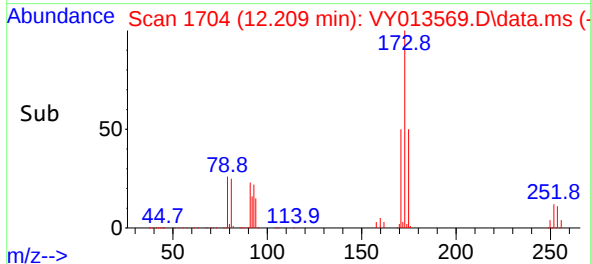
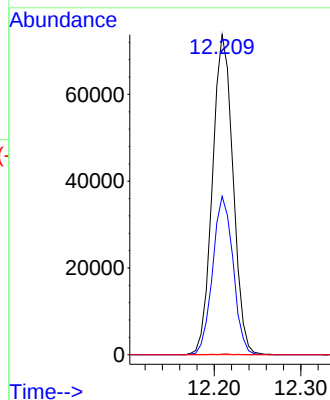
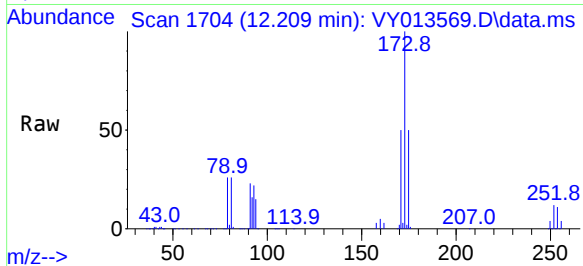




#71
Bromoform
Concen: 57.403 ug/l
RT: 12.209 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

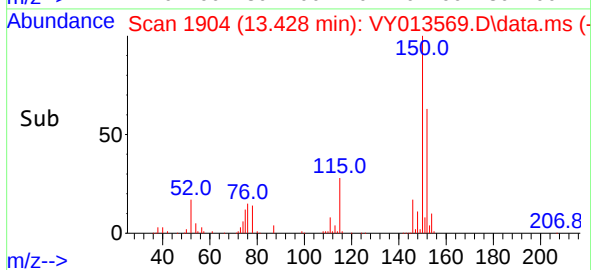
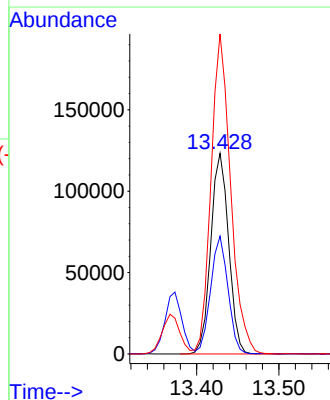
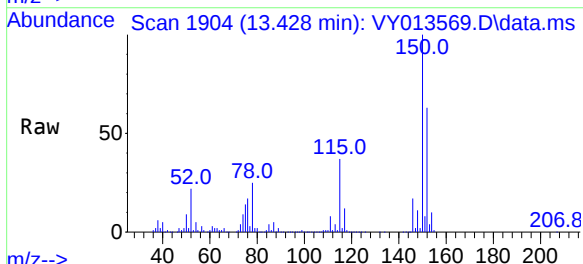
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

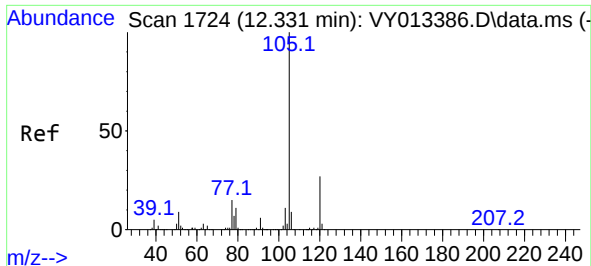
Tgt Ion:173 Resp: 121776
Ion Ratio Lower Upper
173 100
175 49.1 24.3 72.8
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

Tgt Ion:152 Resp: 185710
Ion Ratio Lower Upper
152 100
115 56.7 28.1 84.2
150 174.9 0.0 352.0

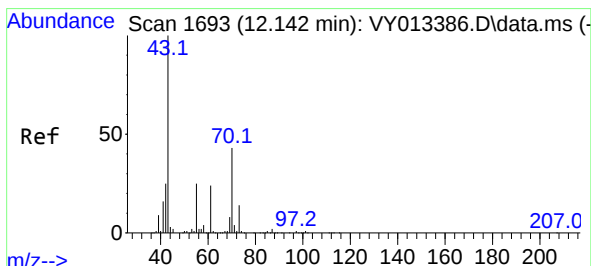
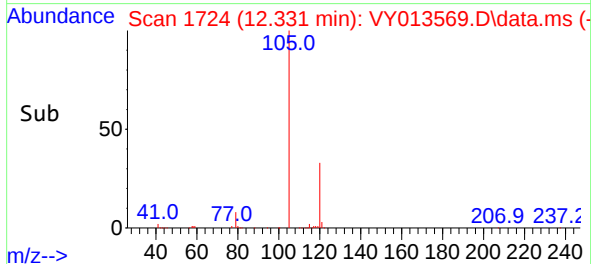
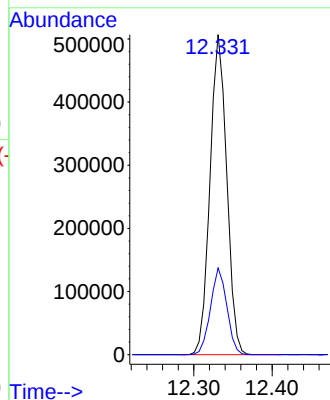
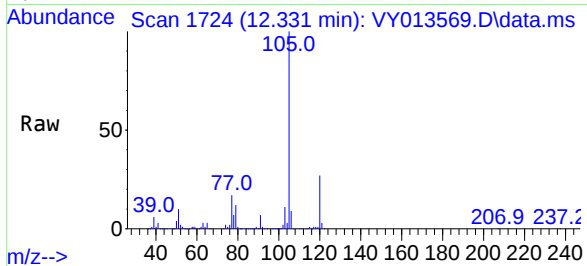




#73
Isopropylbenzene
Concen: 53.458 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

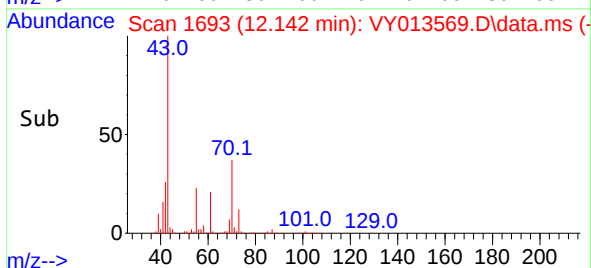
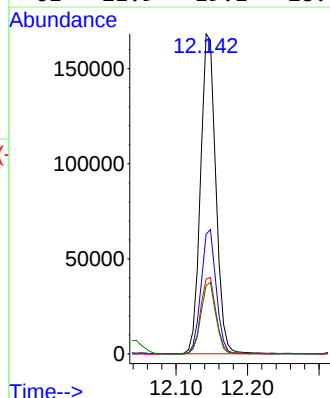
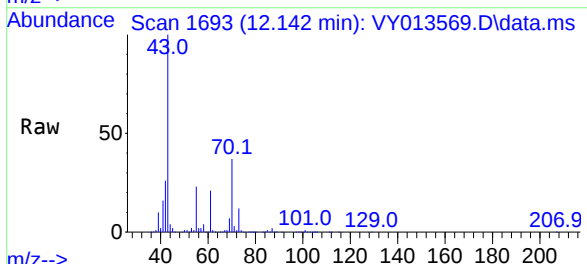
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

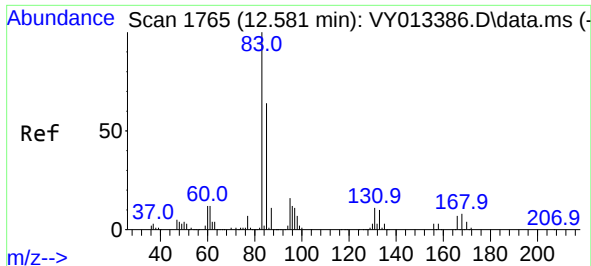
Tgt Ion:105 Resp: 750892
Ion Ratio Lower Upper
105 100
120 26.4 13.7 41.0



#74
N-ethyl acetate
Concen: 50.023 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

Tgt Ion: 43 Resp: 250045
Ion Ratio Lower Upper
43 100
70 38.6 33.0 49.4
55 24.4 19.8 29.6
61 21.9 19.1 28.7

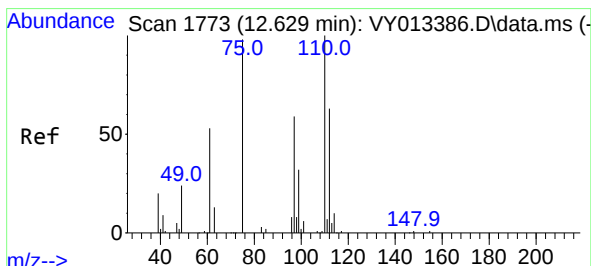
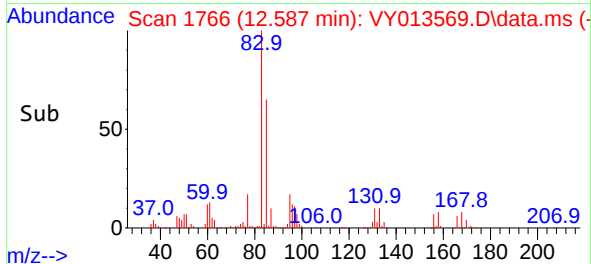
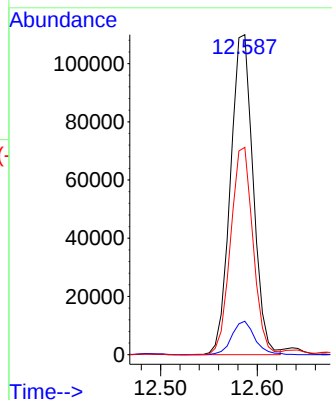
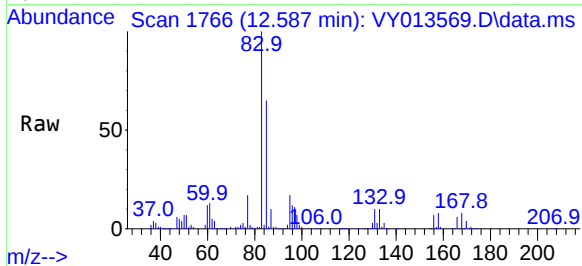




#75
1,1,2,2-Tetrachloroethane
Concen: 52.280 ug/l
RT: 12.587 min Scan# 1765
Delta R.T. 0.006 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

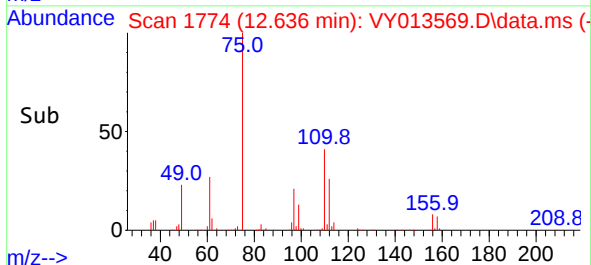
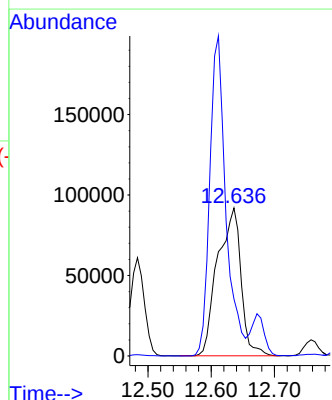
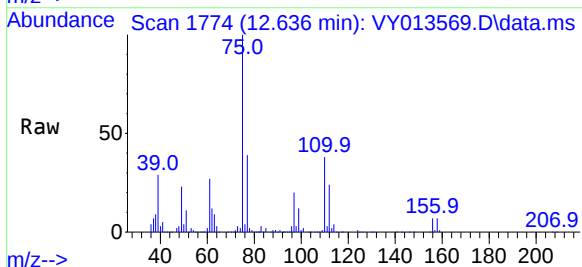
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

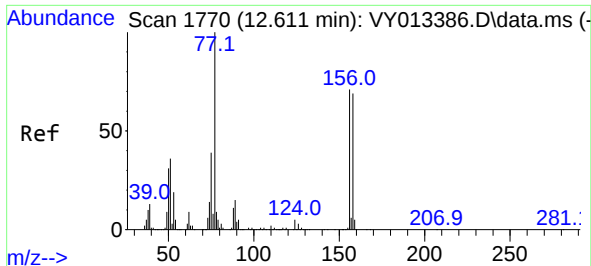
Tgt Ion: 83 Resp: 179494
Ion Ratio Lower Upper
83 100
131 10.5 5.7 17.0
85 64.1 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 94.337 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.007 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

Tgt Ion: 75 Resp: 236268
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

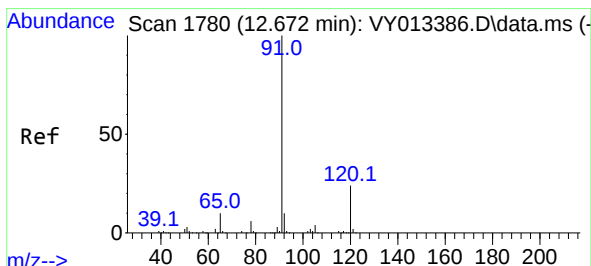
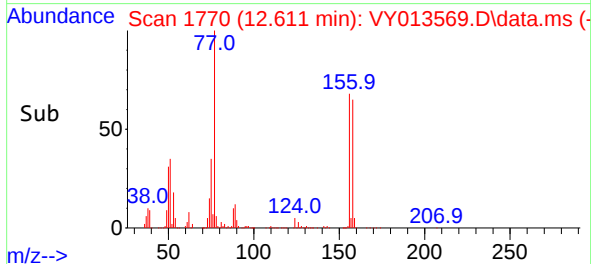
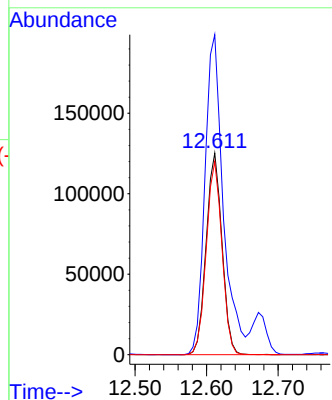
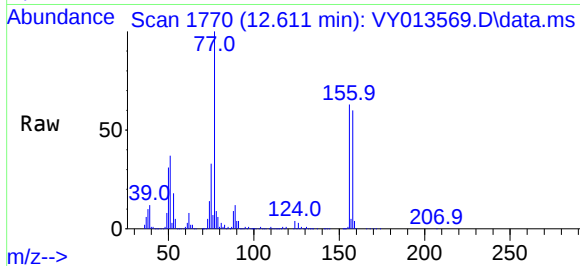




#77
Bromobenzene
Concen: 56.613 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

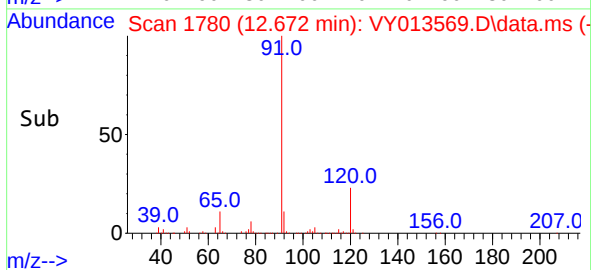
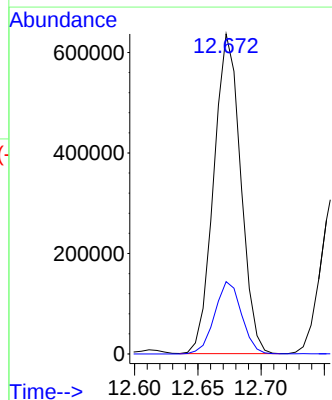
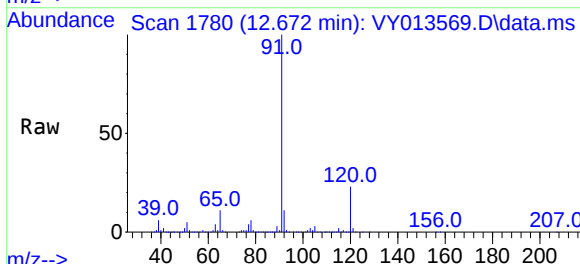
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

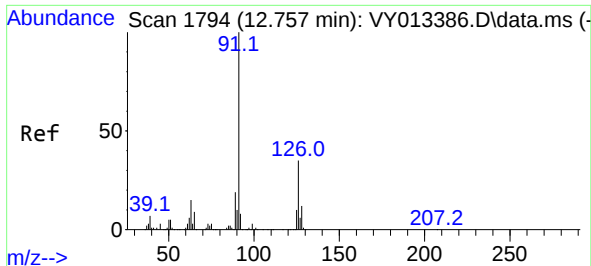
Tgt Ion:156 Resp: 192681
Ion Ratio Lower Upper
156 100
77 183.1 87.6 262.9
158 95.1 48.5 145.5



#78
n-propylbenzene
Concen: 54.341 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

Tgt Ion: 91 Resp: 940167
Ion Ratio Lower Upper
91 100
120 22.6 11.9 35.9





#79

2-Chlorotoluene

Concen: 54.149 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013569.D

Acq: 03 May 2023 09:38

Instrument :

MSVOA_Y

ClientSampleId :

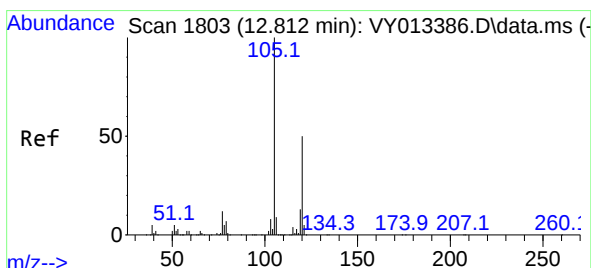
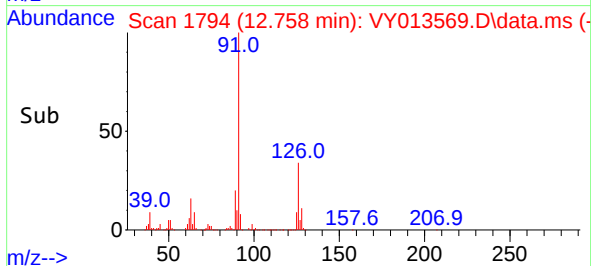
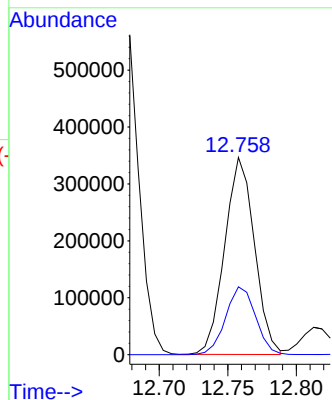
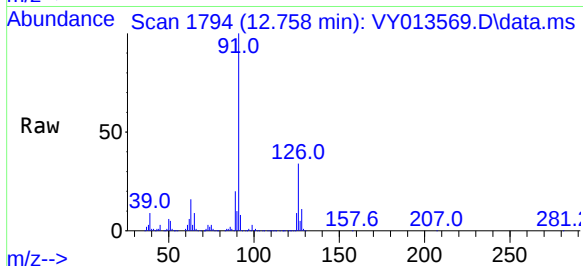
VSTDCCC050

Tgt Ion: 91 Resp: 523166

Ion Ratio Lower Upper

91 100

126 34.7 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 54.972 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.001 min

Lab File: VY013569.D

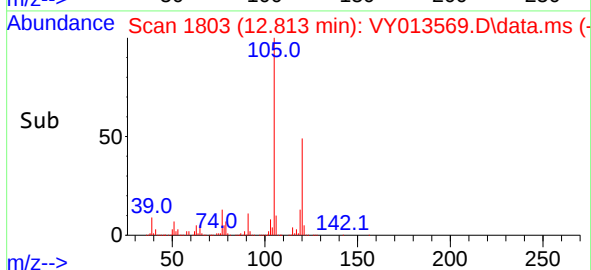
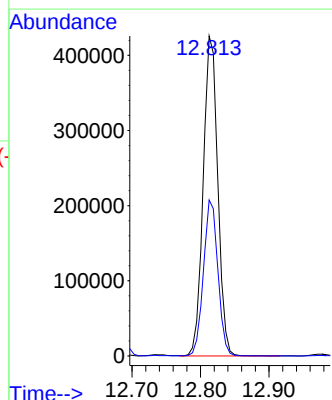
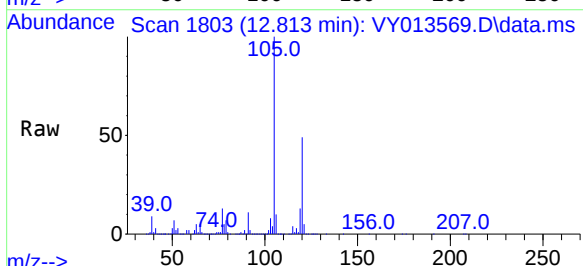
Acq: 03 May 2023 09:38

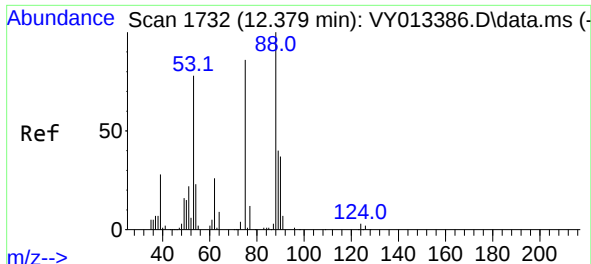
Tgt Ion: 105 Resp: 630235

Ion Ratio Lower Upper

105 100

120 48.2 24.7 74.1

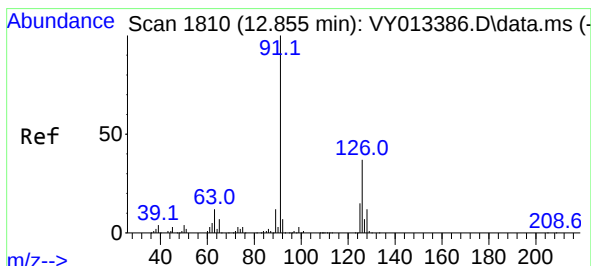
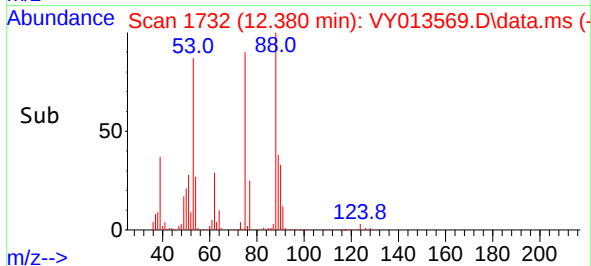
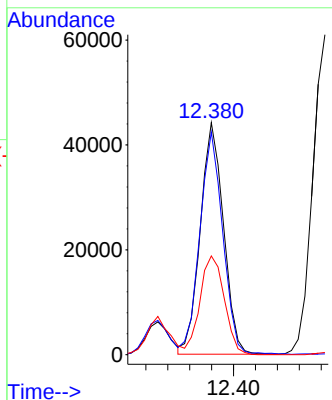
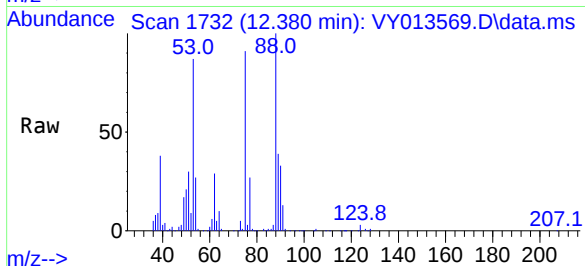




#81
trans-1,4-Dichloro-2-butene
Concen: 52.924 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

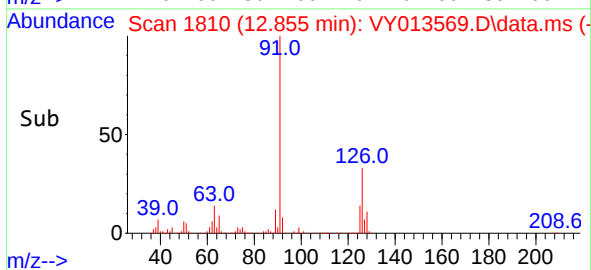
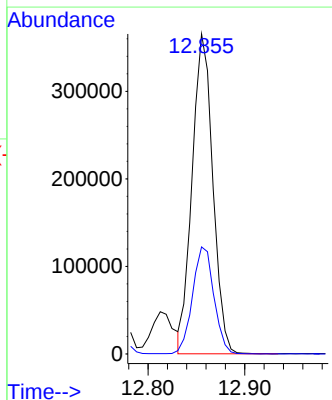
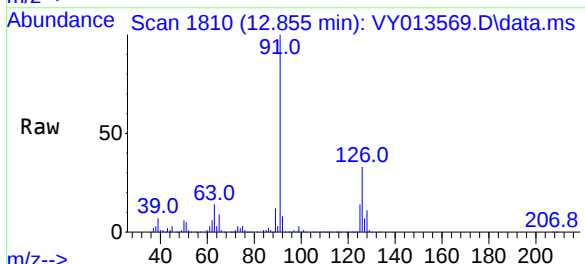
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

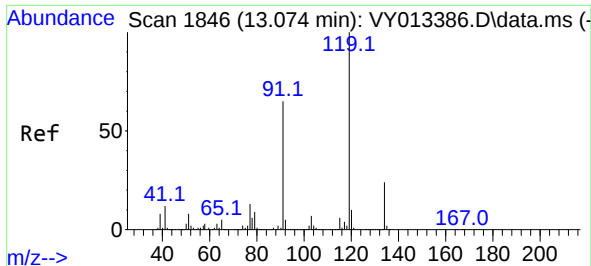
Tgt Ion: 75 Resp: 64799
Ion Ratio Lower Upper
75 100
53 95.2 73.2 109.8
89 44.7 38.0 57.0



#82
4-Chlorotoluene
Concen: 53.856 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

Tgt Ion: 91 Resp: 542339
Ion Ratio Lower Upper
91 100
126 34.7 17.9 53.8

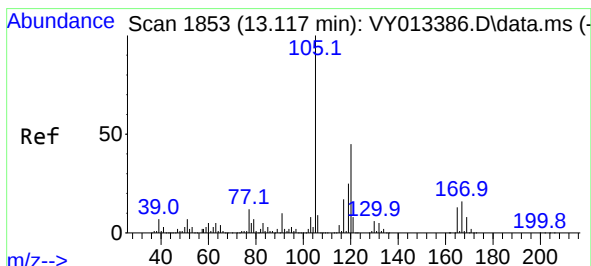
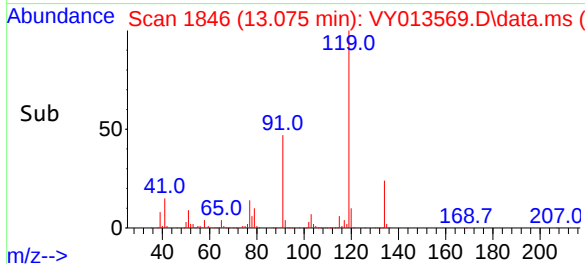
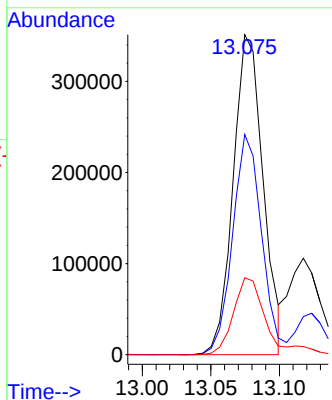
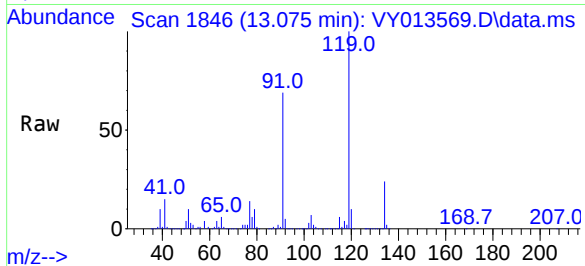




#83
tert-Butylbenzene
Concen: 53.774 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.001 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

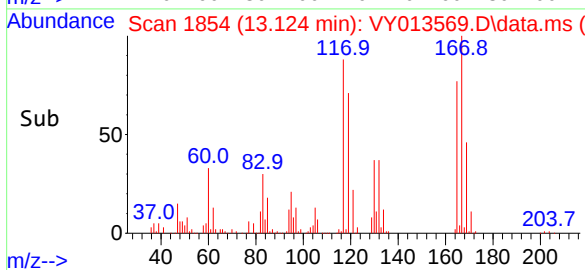
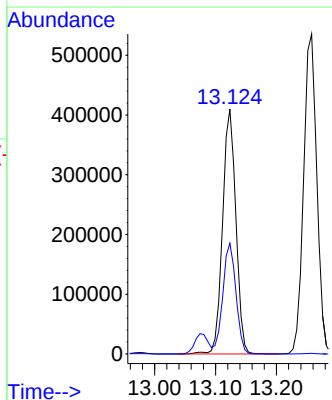
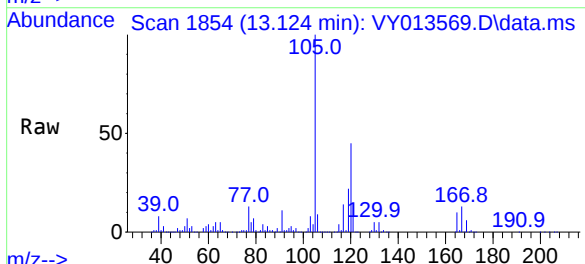
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

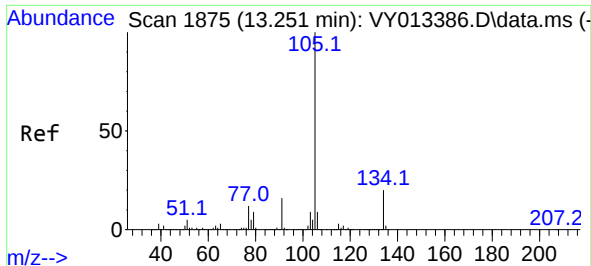
Tgt Ion:119 Resp: 534114
Ion Ratio Lower Upper
119 100
91 67.0 32.2 96.6
134 26.3 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 55.627 ug/l
RT: 13.124 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

Tgt Ion:105 Resp: 620040
Ion Ratio Lower Upper
105 100
120 44.7 22.3 66.9

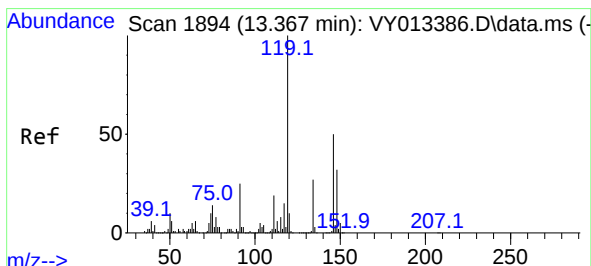
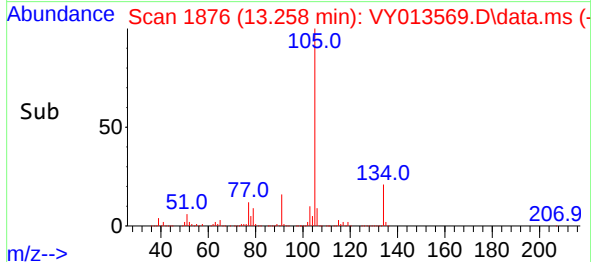
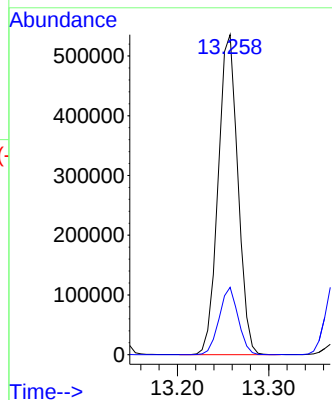
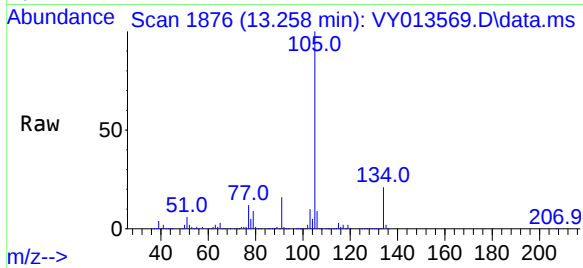




#85
 sec-Butylbenzene
 Concen: 53.851 ug/l
 RT: 13.258 min Scan# 1875
 Delta R.T. 0.007 min
 Lab File: VY013569.D
 Acq: 03 May 2023 09:38

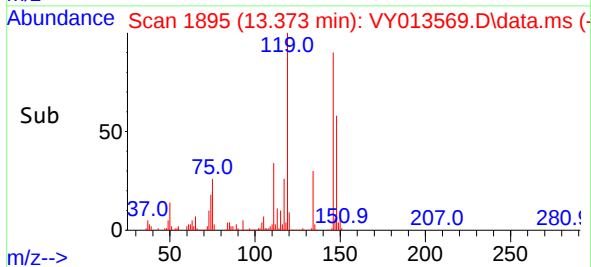
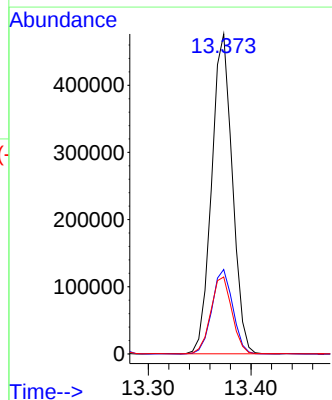
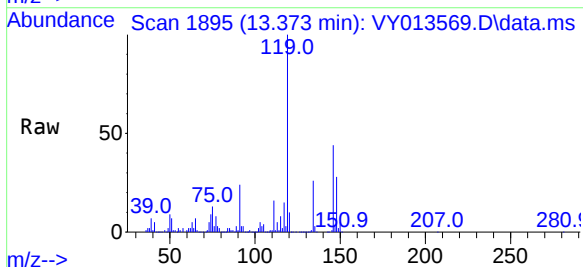
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

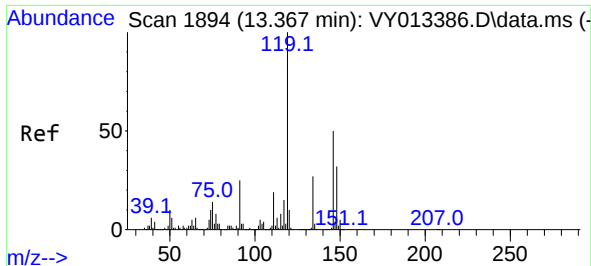
Tgt Ion:105 Resp: 802756
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 55.399 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY013569.D
 Acq: 03 May 2023 09:38

Tgt Ion:119 Resp: 664111
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.4 40.2
 91 24.5 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 54.976 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013569.D

Acq: 03 May 2023 09:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

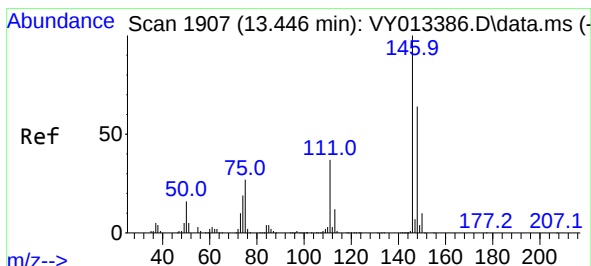
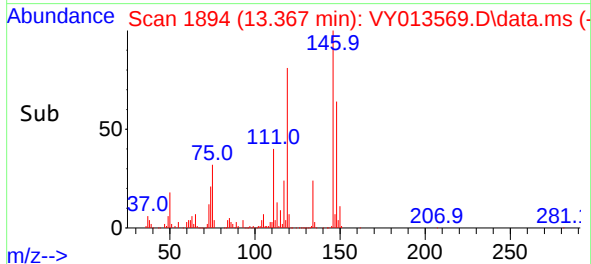
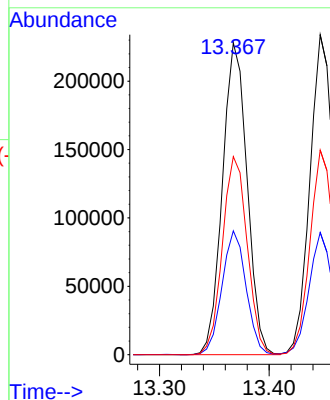
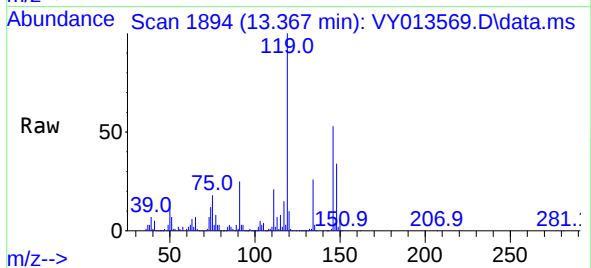
Tgt Ion:146 Resp: 356479

Ion Ratio Lower Upper

146 100

111 38.8 19.3 57.9

148 64.0 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 54.201 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.001 min

Lab File: VY013569.D

Acq: 03 May 2023 09:38

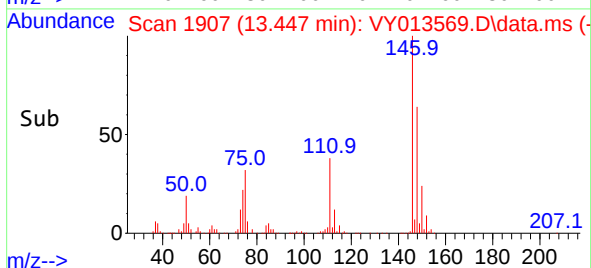
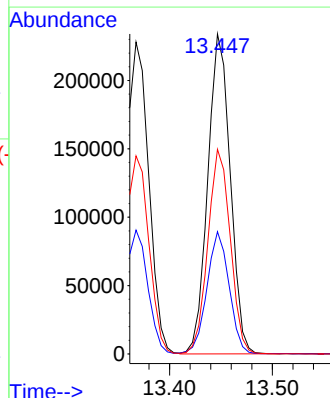
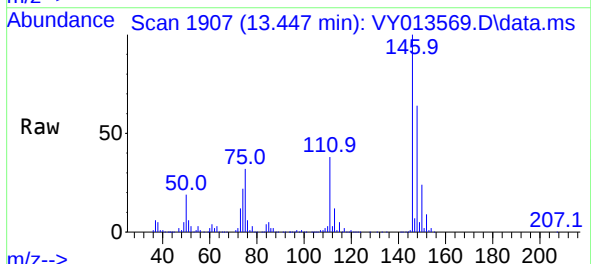
Tgt Ion:146 Resp: 355021

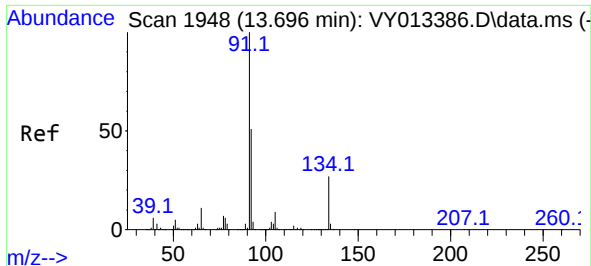
Ion Ratio Lower Upper

146 100

111 37.5 18.9 56.5

148 64.0 31.9 95.5

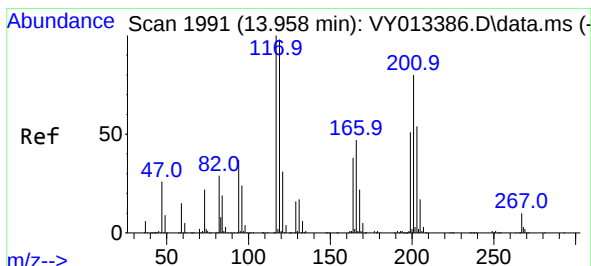
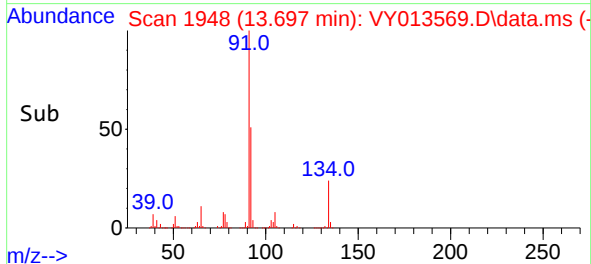
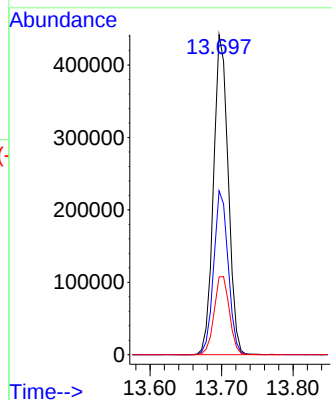
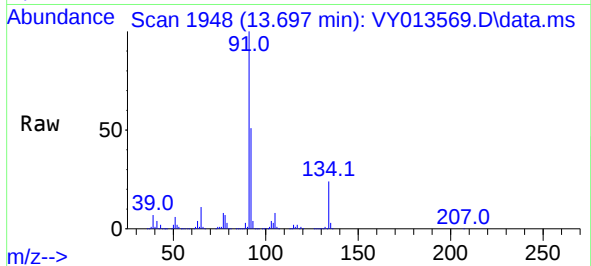




#89
n-Butylbenzene
Concen: 53.755 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.001 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

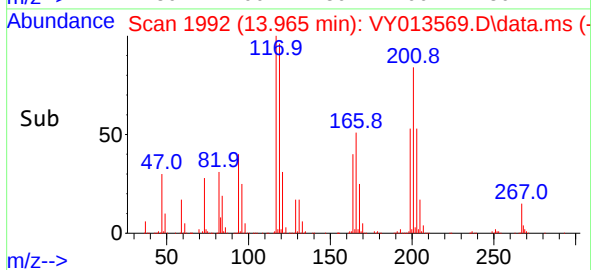
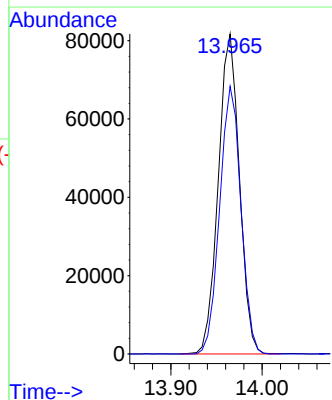
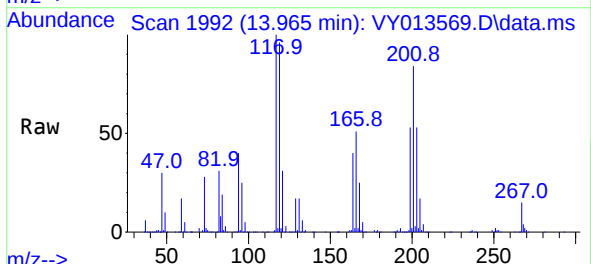
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

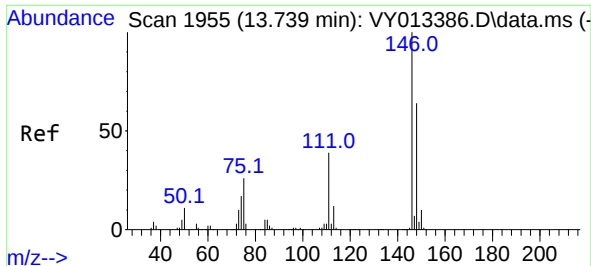
Tgt Ion: 91 Resp: 628942
Ion Ratio Lower Upper
91 100
92 50.6 25.8 77.3
134 25.4 13.5 40.4



#90
Hexachloroethane
Concen: 52.000 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.007 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

Tgt Ion: 117 Resp: 131196
Ion Ratio Lower Upper
117 100
201 84.0 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 55.652 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013569.D

Acq: 03 May 2023 09:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

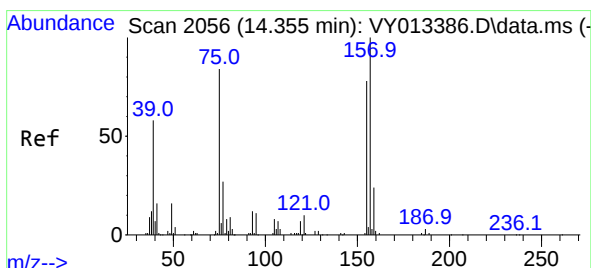
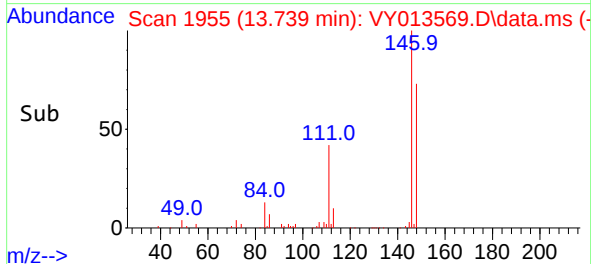
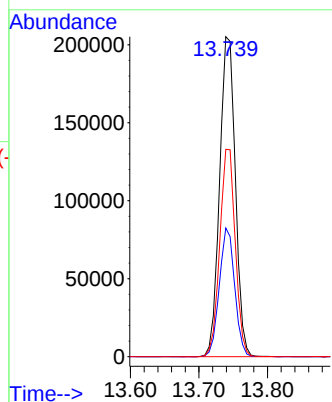
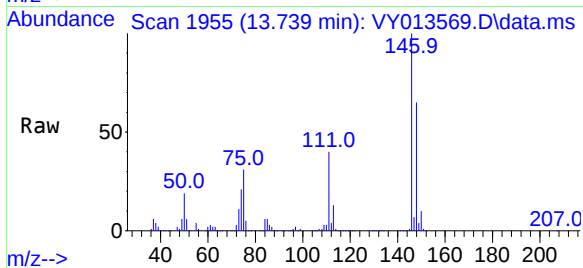
Tgt Ion:146 Resp: 325866

Ion Ratio Lower Upper

146 100

111 39.3 19.8 59.4

148 64.1 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.211 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY013569.D

Acq: 03 May 2023 09:38

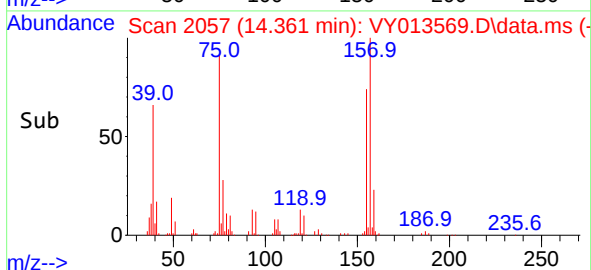
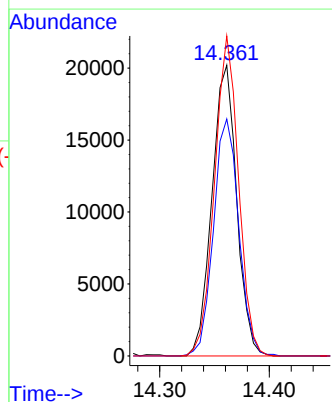
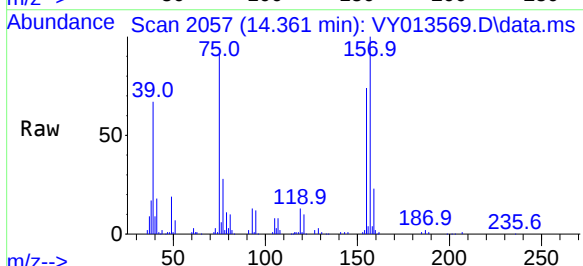
Tgt Ion: 75 Resp: 31659

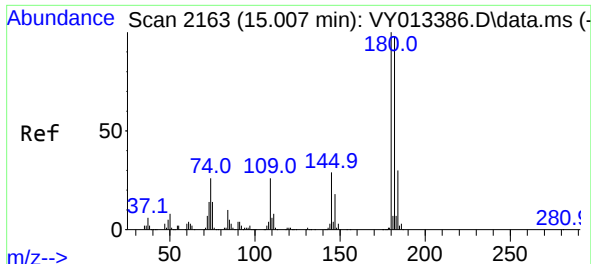
Ion Ratio Lower Upper

75 100

155 83.4 44.6 134.0

157 107.2 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 56.386 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY013569.D

Acq: 03 May 2023 09:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

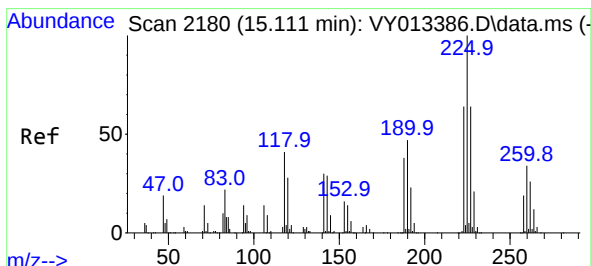
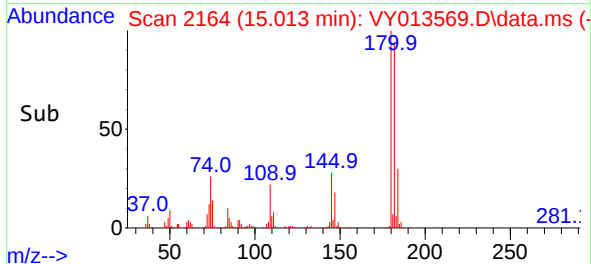
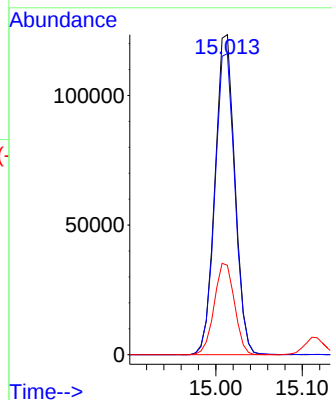
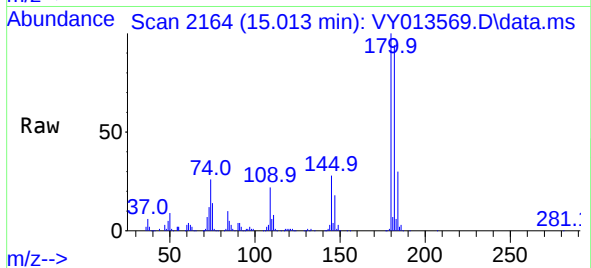
Tgt Ion:180 Resp: 196849

Ion Ratio Lower Upper

180 100

182 95.1 48.5 145.5

145 29.1 15.0 45.0



#94

Hexachlorobutadiene

Concen: 58.725 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY013569.D

Acq: 03 May 2023 09:38

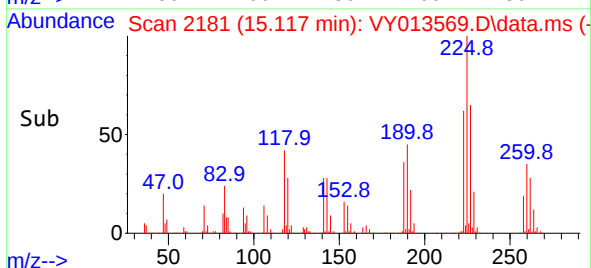
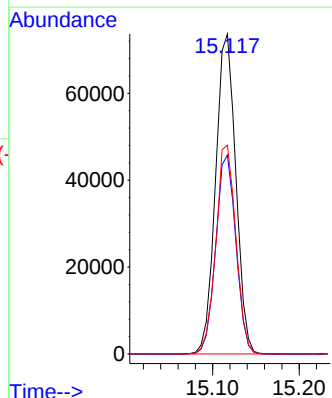
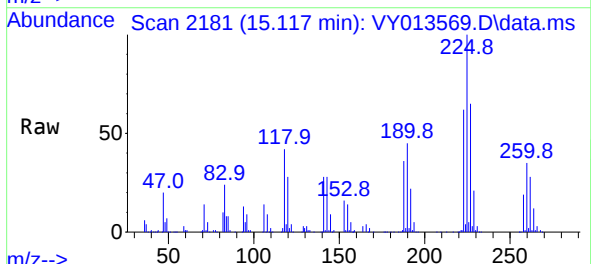
Tgt Ion:225 Resp: 119315

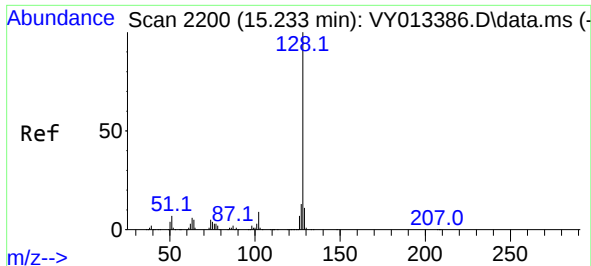
Ion Ratio Lower Upper

225 100

223 61.9 31.4 94.2

227 64.7 32.0 96.0

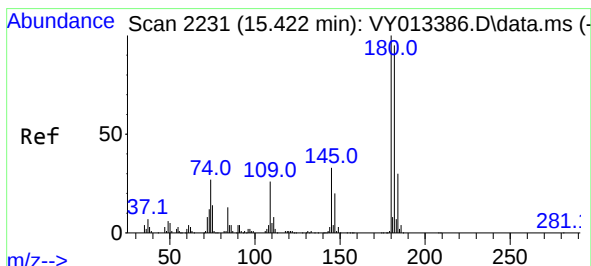
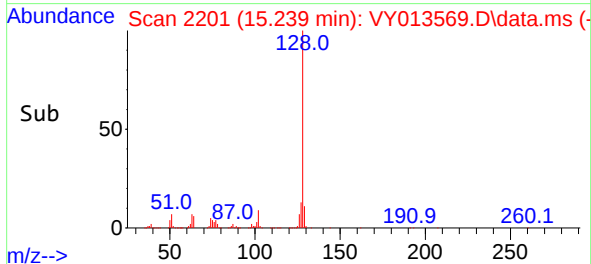
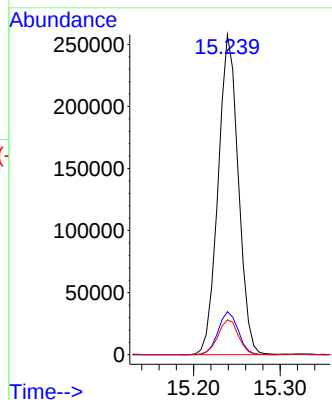
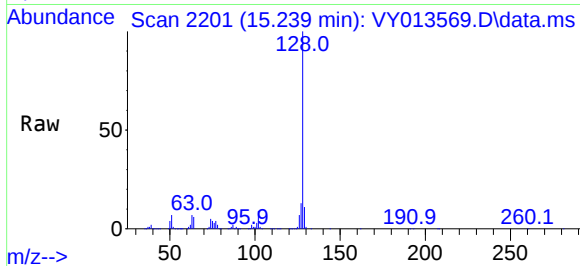




#95
Naphthalene
Concen: 55.217 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 418248
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 56.824 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY013569.D
Acq: 03 May 2023 09:38

Tgt Ion:180 Resp: 176813
Ion Ratio Lower Upper
180 100
182 95.7 47.1 141.3
145 31.1 15.9 47.7

