

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052423\
 Data File : VY013859.D
 Acq On : 24 May 2023 20:15
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 25 07:10:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	207840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	329039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	307434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	155321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	134621	55.987	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.980%
35) Dibromofluoromethane	7.722	113	112463	52.925	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.840%
50) Toluene-d8	10.179	98	415499	51.447	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.900%
62) 4-Bromofluorobenzene	12.483	95	144148	53.695	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	96038	50.446	ug/l	99
3) Chloromethane	2.113	50	117937	50.849	ug/l	100
4) Vinyl Chloride	2.253	62	116898	49.285	ug/l	100
5) Bromomethane	2.656	94	96704	51.306	ug/l	95
6) Chloroethane	2.796	64	77409	50.085	ug/l	99
7) Trichlorofluoromethane	3.131	101	199089	49.874	ug/l	98
8) Diethyl Ether	3.534	74	65638	53.608	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.905	101	99898	46.164	ug/l	98
10) Methyl Iodide	4.094	142	119404	46.478	ug/l	96
11) Tert butyl alcohol	4.978	59	47045	255.400	ug/l #	91
12) 1,1-Dichloroethene	3.881	96	95699	47.073	ug/l	98
13) Acrolein	3.735	56	60582	218.649	ug/l	97
14) Allyl chloride	4.485	41	176284	47.496	ug/l	99
15) Acrylonitrile	5.167	53	170351	271.353	ug/l	98
16) Acetone	3.954	43	158430	221.998	ug/l	98
17) Carbon Disulfide	4.198	76	300472	49.514	ug/l	100
18) Methyl Acetate	4.485	43	134604	54.366	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	299087	53.907	ug/l	98
20) Methylene Chloride	4.722	84	159684	63.808	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	113241	51.241	ug/l	94
22) Diisopropyl ether	6.125	45	386749	53.968	ug/l	98
23) Vinyl Acetate	6.064	43	1110705	266.109	ug/l	100
24) 1,1-Dichloroethane	6.027	63	211975	50.668	ug/l	99
25) 2-Butanone	6.996	43	222365	255.349	ug/l	98
26) 2,2-Dichloropropane	6.984	77	174357	46.268	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	131148	52.826	ug/l	99
28) Bromochloromethane	7.338	49	61098	49.756	ug/l	100
29) Tetrahydrofuran	7.356	42	147112	282.949	ug/l	99
30) Chloroform	7.515	83	227635	53.669	ug/l	99
31) Cyclohexane	7.789	56	167870	45.440	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	194986	50.392	ug/l	98
36) 1,1-Dichloropropene	7.923	75	158333	48.920	ug/l	99
37) Ethyl Acetate	7.082	43	102098	51.714	ug/l	99
38) Carbon Tetrachloride	7.905	117	181581	49.333	ug/l	96
39) Methylcyclohexane	9.185	83	181675	47.930	ug/l	99
40) Benzene	8.167	78	476630	51.272	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	43684	40.553	ug/l #	87
42) 1,2-Dichloroethane	8.240	62	166163	54.593	ug/l	100
43) Isopropyl Acetate	8.277	43	186783	51.918	ug/l	99
44) Trichloroethene	8.941	130	123973	49.500	ug/l	99
45) 1,2-Dichloropropane	9.222	63	124254	52.176	ug/l	97
46) Dibromomethane	9.307	93	73263	53.717	ug/l	99
47) Bromodichloromethane	9.502	83	177968	53.545	ug/l	98
48) Methyl methacrylate	9.295	41	90040	53.298	ug/l	95
49) 1,4-Dioxane	9.307	88	17634	1100.146	ug/l #	96
51) 4-Methyl-2-Pentanone	10.069	43	526087	274.395	ug/l	99
52) Toluene	10.246	92	294544	51.966	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	179736	53.125	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	197738	52.170	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	98235	53.538	ug/l	98
56) Ethyl methacrylate	10.514	69	134230	54.803	ug/l	99
57) 1,3-Dichloropropane	10.794	76	167802	53.698	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	190976	244.364	ug/l	100
59) 2-Hexanone	10.831	43	367892	269.760	ug/l	100
60) Dibromochloromethane	10.990	129	126698	54.587	ug/l	100
61) 1,2-Dibromoethane	11.087	107	94782	54.301	ug/l	98
64) Tetrachloroethene	10.721	164	110770	48.697	ug/l	98
65) Chlorobenzene	11.520	112	321196	49.848	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	126024	50.675	ug/l	100
67) Ethyl Benzene	11.593	91	564397	48.674	ug/l	100
68) m/p-Xylenes	11.703	106	434334	98.978	ug/l	100
69) o-Xylene	12.032	106	207418	50.180	ug/l	100
70) Styrene	12.044	104	362039	51.707	ug/l	99
71) Bromoform	12.209	173	83679	51.482	ug/l #	99
73) Isopropylbenzene	12.331	105	540568	46.760	ug/l	100
74) N-amyl acetate	12.142	43	166773	47.983	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	119903	50.103	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	159185	86.918	ug/l #	100
77) Bromobenzene	12.611	156	139363	49.131	ug/l	98
78) n-propylbenzene	12.672	91	666050	46.636	ug/l	99
79) 2-Chlorotoluene	12.758	91	379792	47.608	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	461317	48.343	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	40500	48.002	ug/l	99
82) 4-Chlorotoluene	12.855	91	401671	48.715	ug/l	98
83) tert-Butylbenzene	13.075	119	389744	46.894	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	462558	49.381	ug/l	99
85) sec-Butylbenzene	13.251	105	579562	46.943	ug/l	100
86) p-Isopropyltoluene	13.367	119	479836	47.024	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	267024	48.739	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	263026	48.223	ug/l	100
89) n-Butylbenzene	13.696	91	457978	46.802	ug/l	99
90) Hexachloroethane	13.959	117	96996	46.297	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	238436	48.971	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	20483	48.854	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	144357	47.825	ug/l	100
94) Hexachlorobutadiene	15.111	225	87559	46.007	ug/l	99
95) Naphthalene	15.233	128	289476	44.244	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	129262	48.155	ug/l	98

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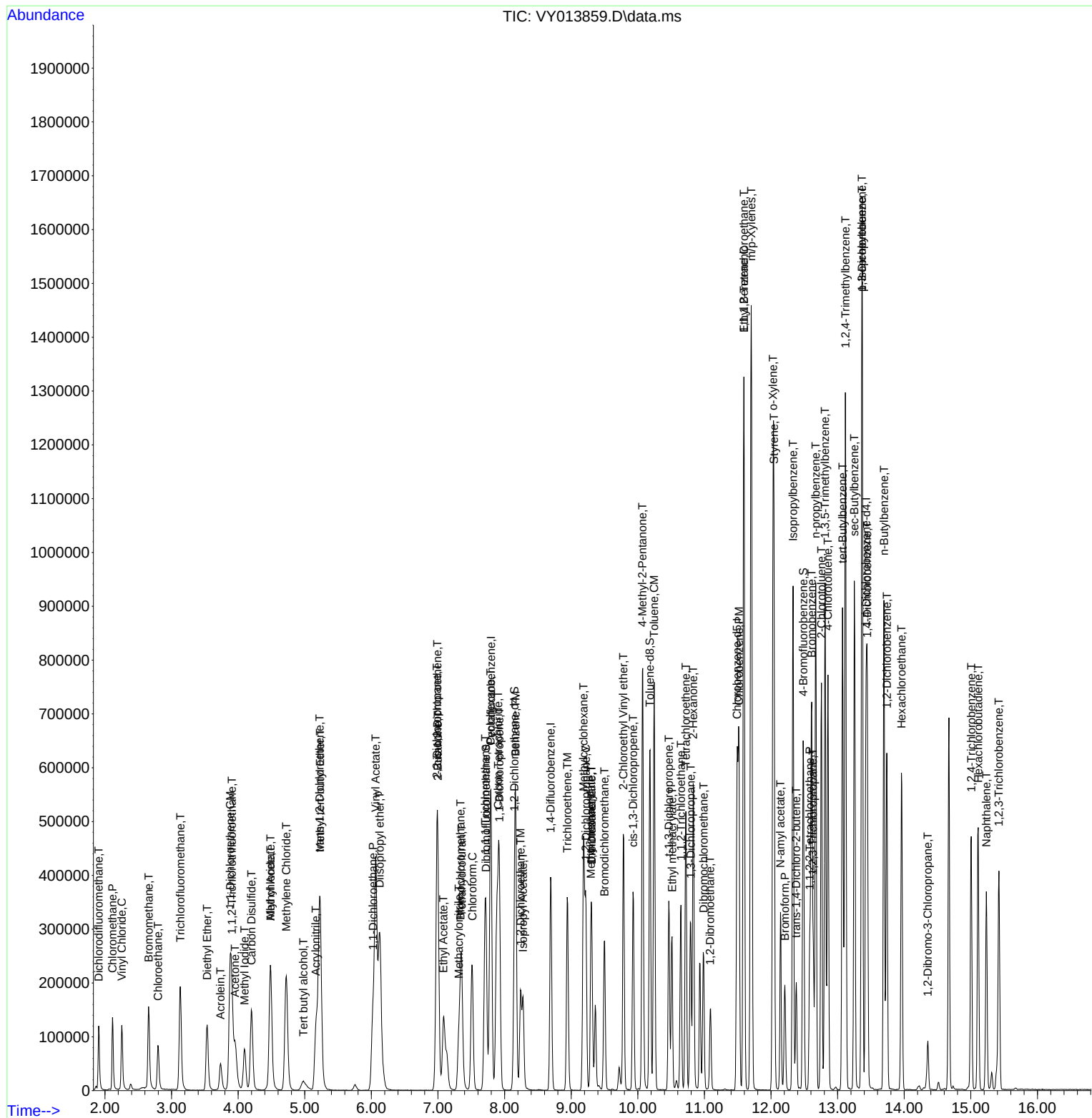
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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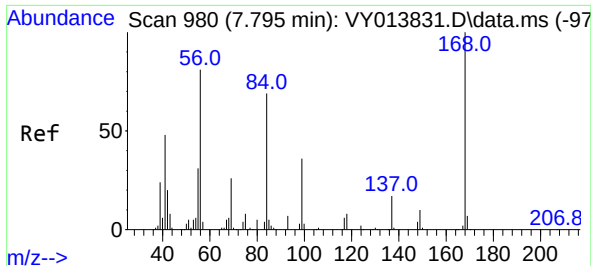
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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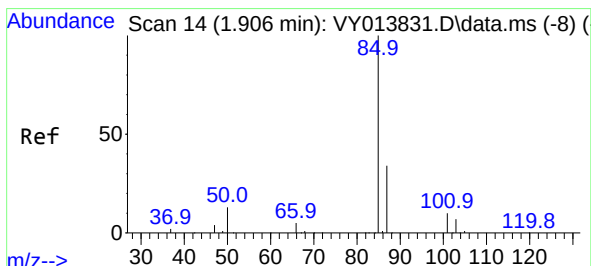
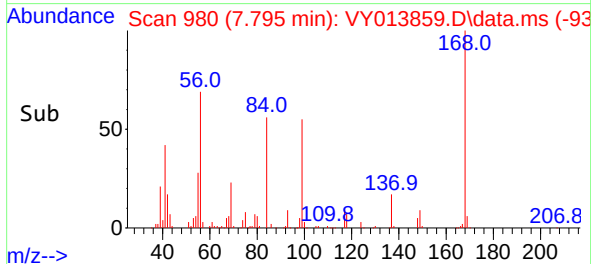
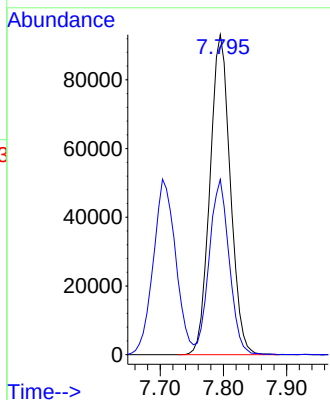
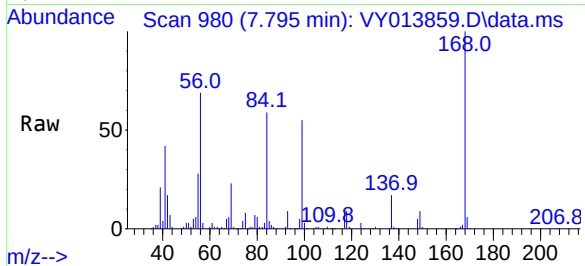




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
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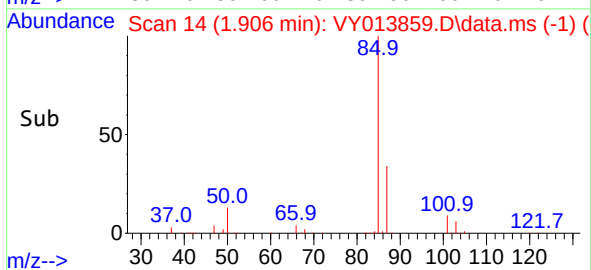
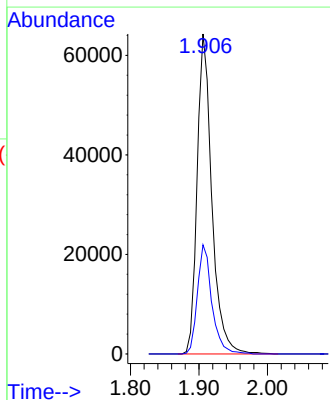
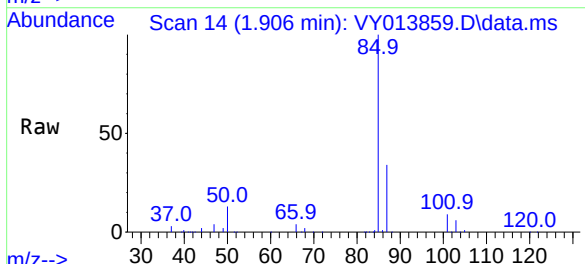
Instrument :
MSVOA_Y
ClientSampleId :
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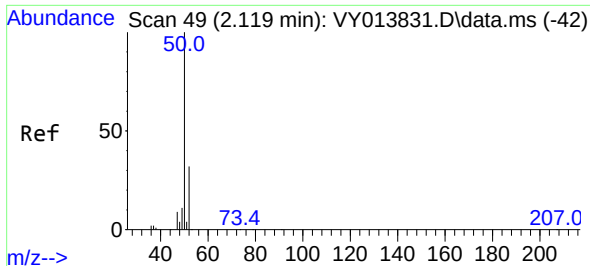
Tgt Ion:168 Resp: 207840
Ion Ratio Lower Upper
168 100
99 54.7 43.4 65.2



#2
Dichlorodifluoromethane
Concen: 50.446 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

Tgt Ion: 85 Resp: 96038
Ion Ratio Lower Upper
85 100
87 34.1 16.9 50.7

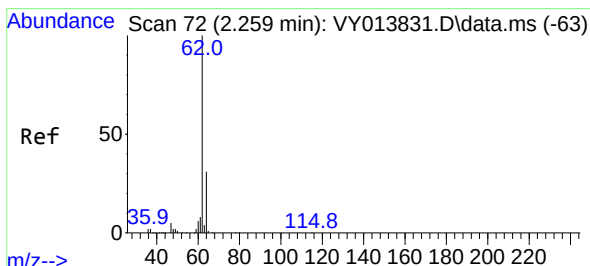
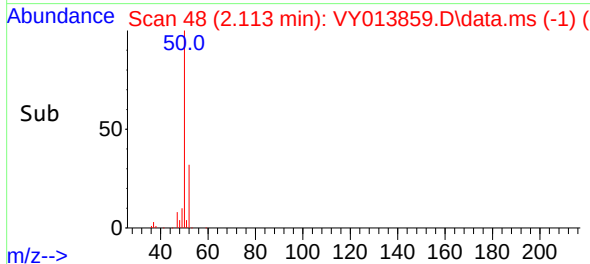
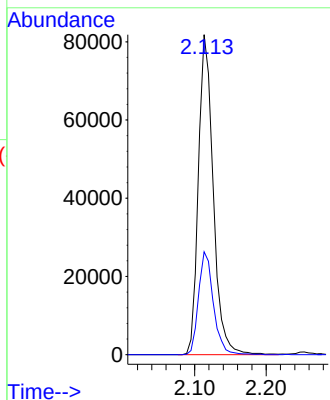
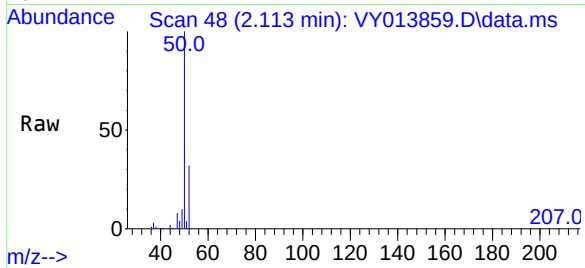




#3
Chloromethane
Concen: 50.849 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

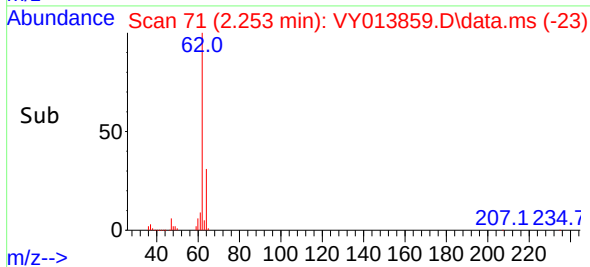
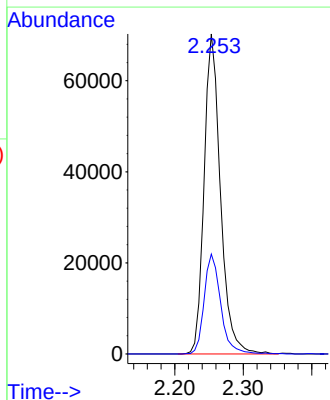
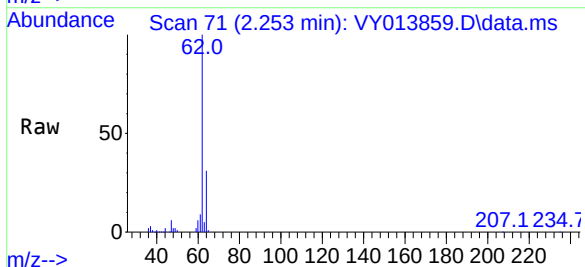
Instrument :
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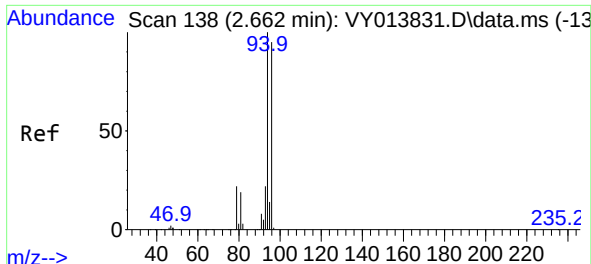
Tgt Ion: 50 Resp: 117937
Ion Ratio Lower Upper
50 100
52 32.2 25.7 38.5



#4
Vinyl Chloride
Concen: 49.285 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

Tgt Ion: 62 Resp: 116898
Ion Ratio Lower Upper
62 100
64 31.2 24.8 37.2

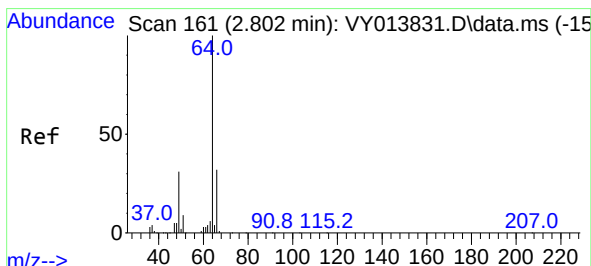
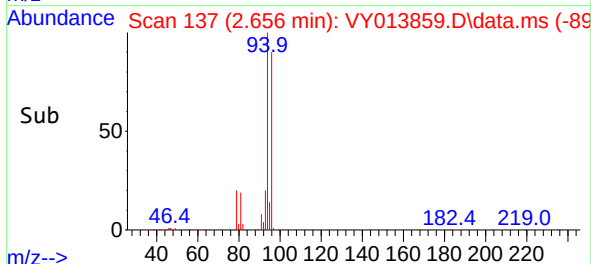
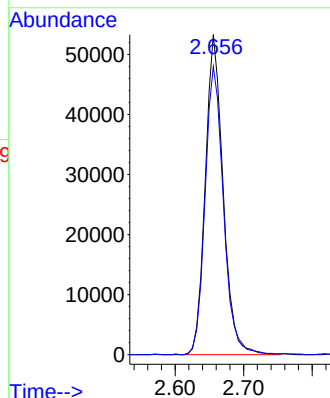
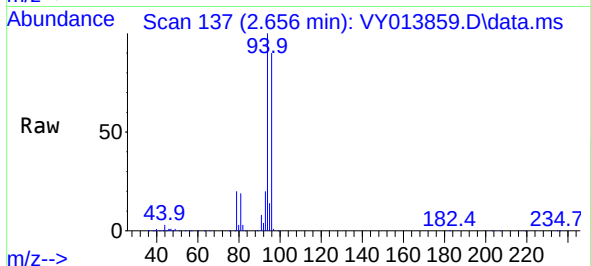




#5
Bromomethane
Concen: 51.306 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013859.D
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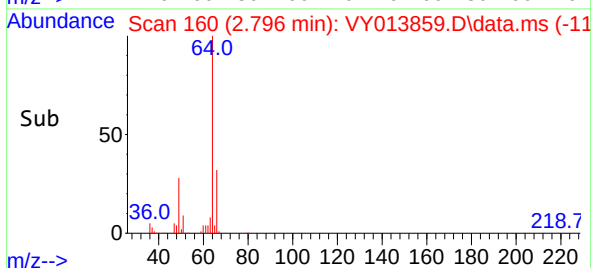
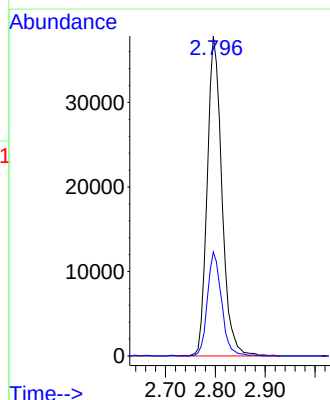
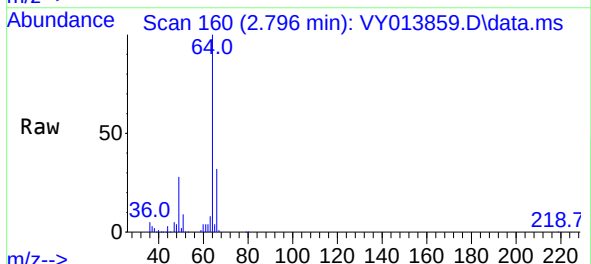
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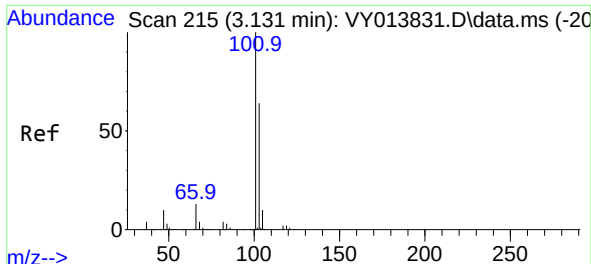
Tgt Ion: 94 Resp: 96704
Ion Ratio Lower Upper
94 100
96 90.0 76.2 114.2



#6
Chloroethane
Concen: 50.085 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

Tgt Ion: 64 Resp: 77409
Ion Ratio Lower Upper
64 100
66 32.5 25.7 38.5

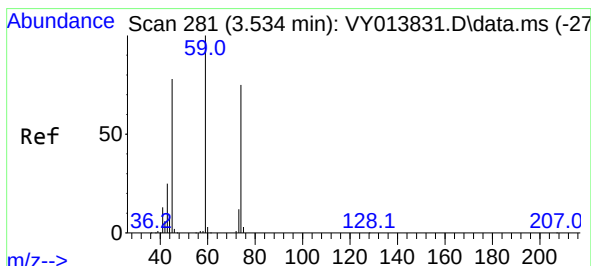
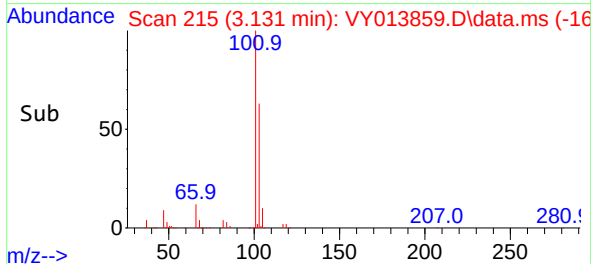
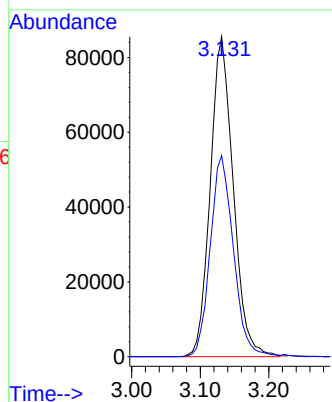
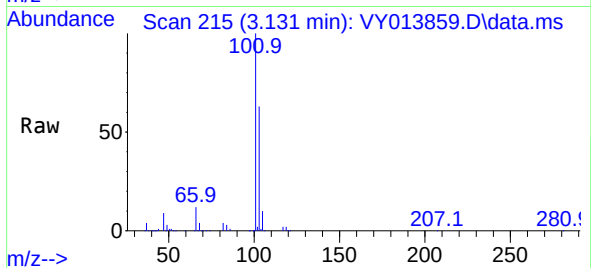




#7
Trichlorofluoromethane
Concen: 49.874 ug/l
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

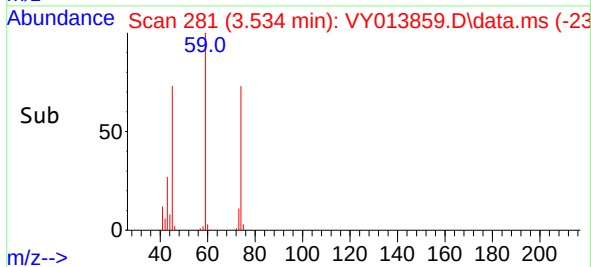
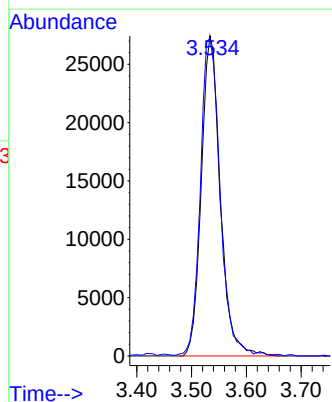
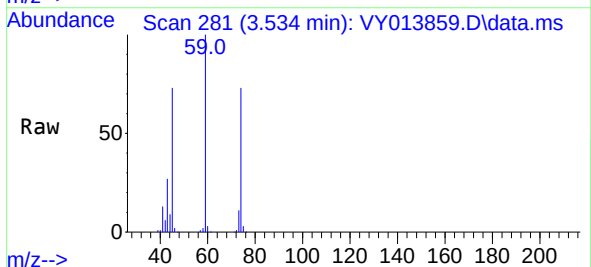
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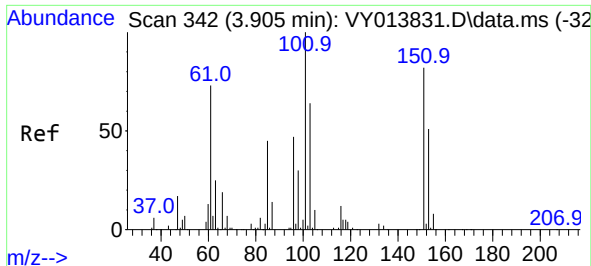
Tgt Ion:101 Resp: 199089
Ion Ratio Lower Upper
101 100
103 62.7 51.3 76.9



#8
Diethyl Ether
Concen: 53.608 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

Tgt Ion: 74 Resp: 65638
Ion Ratio Lower Upper
74 100
45 104.7 51.8 155.5

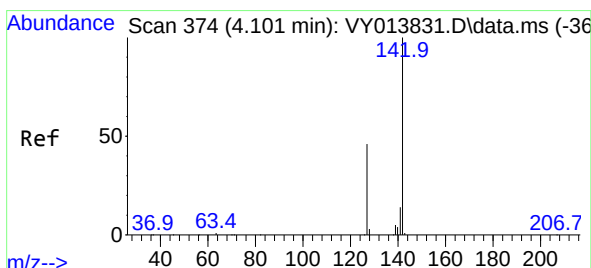
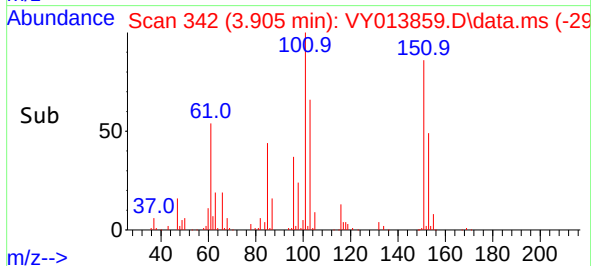
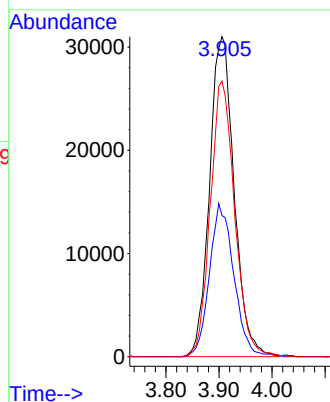
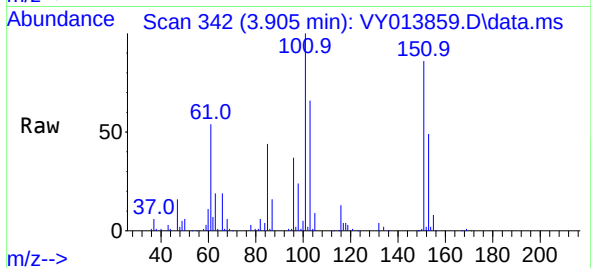




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.164 ug/l
RT: 3.905 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

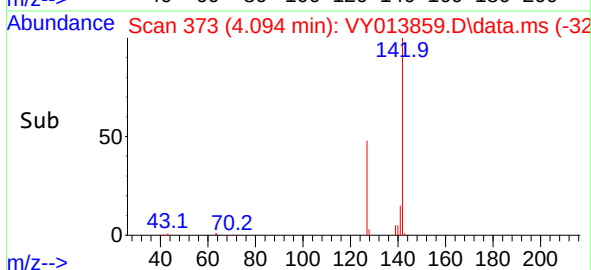
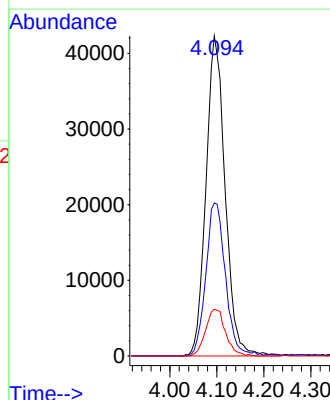
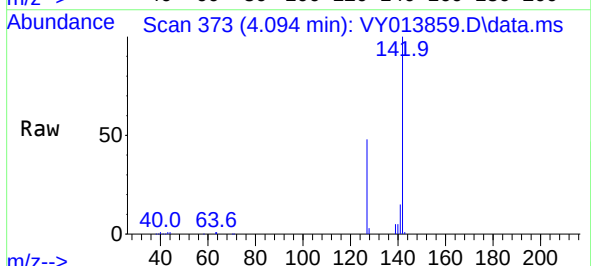
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

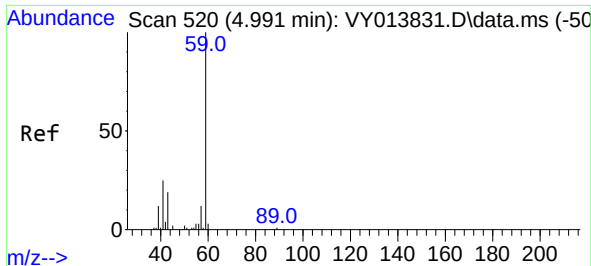
Tgt Ion:	101	Resp:	99898
Ion	Ratio	Lower	Upper
101	100		
85	47.4	37.4	56.2
151	85.4	66.6	100.0



#10
Methyl Iodide
Concen: 46.478 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

Tgt Ion:	142	Resp:	119404
Ion	Ratio	Lower	Upper
142	100		
127	49.1	37.0	55.4
141	15.1	11.8	17.6

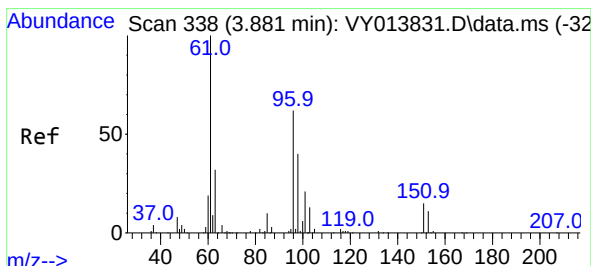
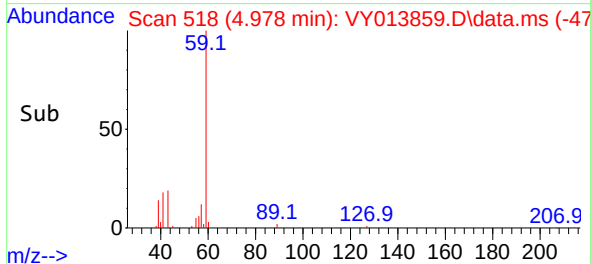
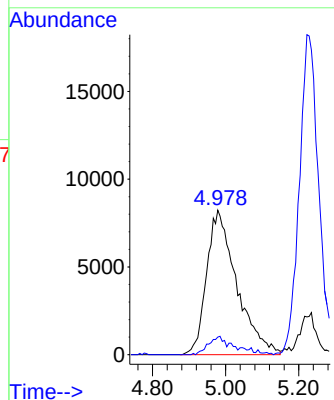
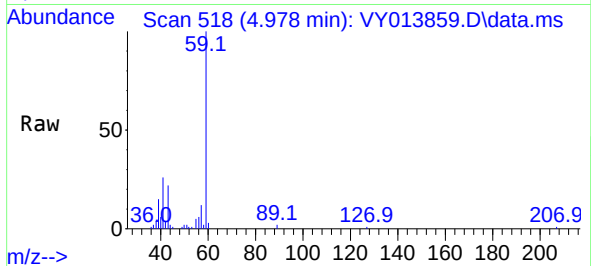




#11
Tert butyl alcohol
Concen: 255.400 ug/l
RT: 4.978 min Scan# 518
Delta R.T. -0.012 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

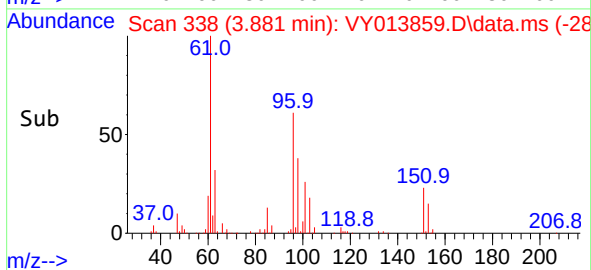
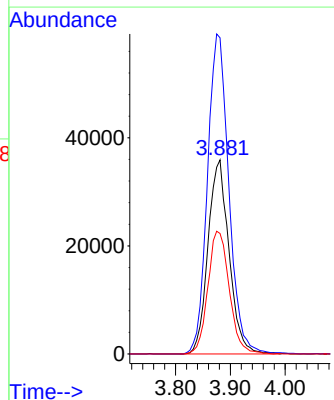
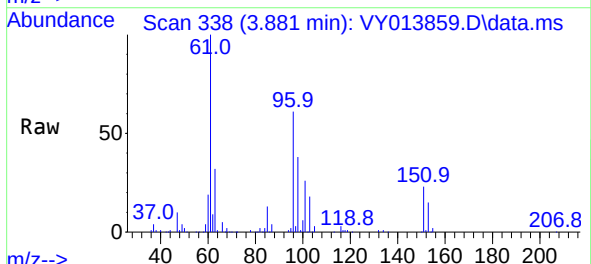
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

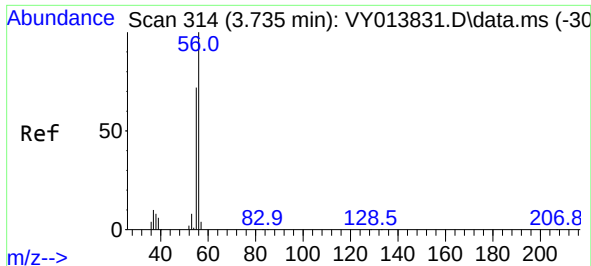
Tgt Ion: 59 Resp: 47045
Ion Ratio Lower Upper
59 100
57 6.7 8.1 12.1#



#12
1,1-Dichloroethene
Concen: 47.073 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

Tgt Ion: 96 Resp: 95699
Ion Ratio Lower Upper
96 100
61 162.9 129.0 193.4
98 62.0 52.0 78.0

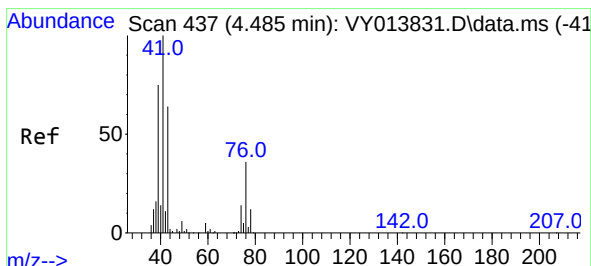
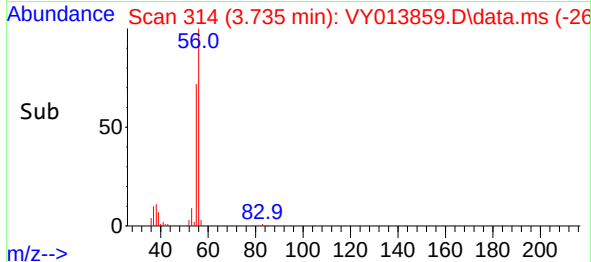
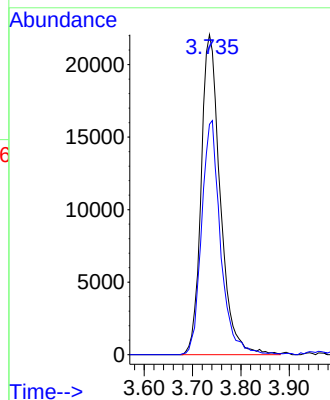
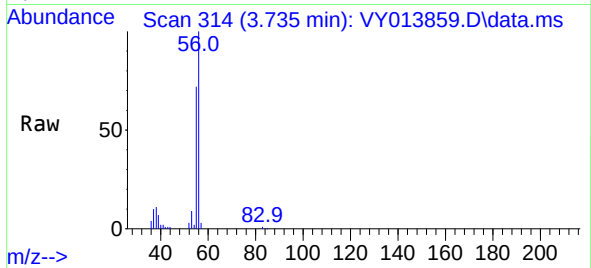




#13
Acrolein
Concen: 218.649 ug/l
RT: 3.735 min Scan# 314
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

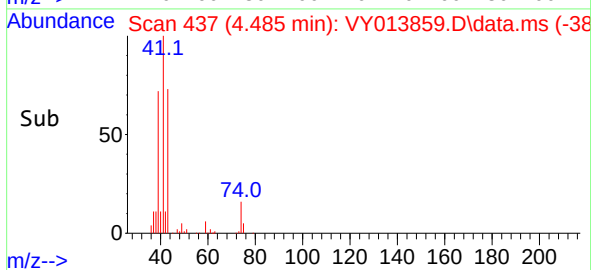
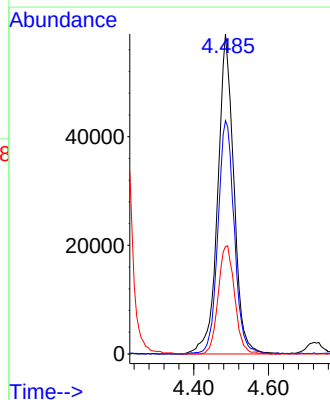
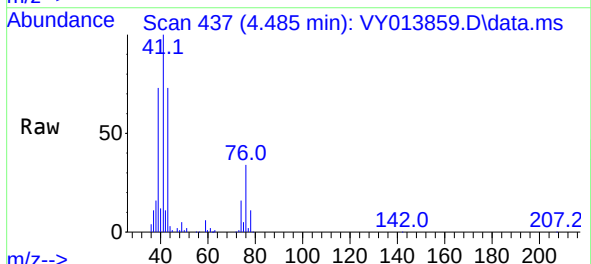
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

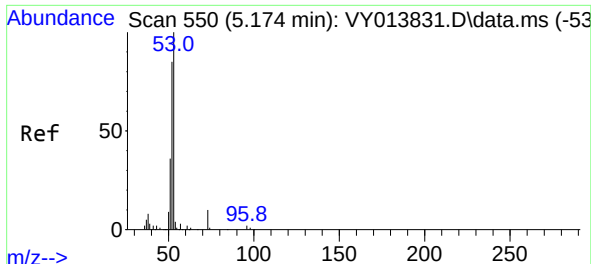
Tgt Ion: 56 Resp: 60582
Ion Ratio Lower Upper
56 100
55 72.5 56.2 84.2



#14
Allyl chloride
Concen: 47.496 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

Tgt Ion: 41 Resp: 176284
Ion Ratio Lower Upper
41 100
39 73.9 58.3 87.5
76 34.5 28.0 42.0





#15

Acrylonitrile

Concen: 271.353 ug/l

RT: 5.167 min Scan# 54

Delta R.T. -0.006 min

Lab File: VY013859.D

Acq: 24 May 2023 20:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

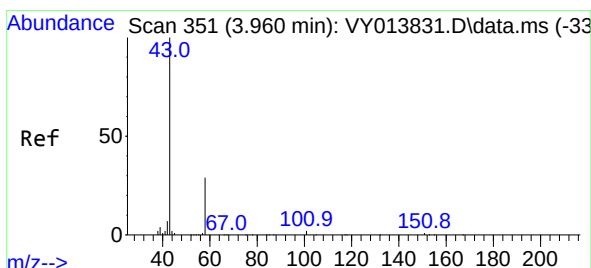
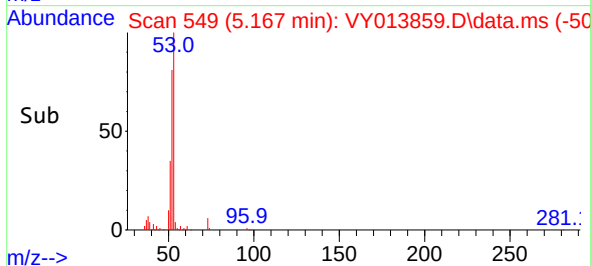
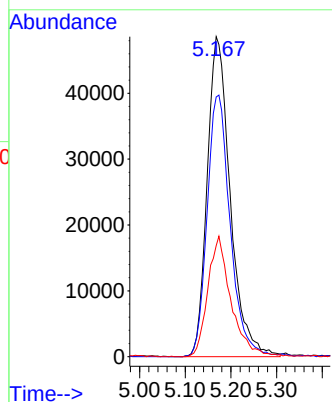
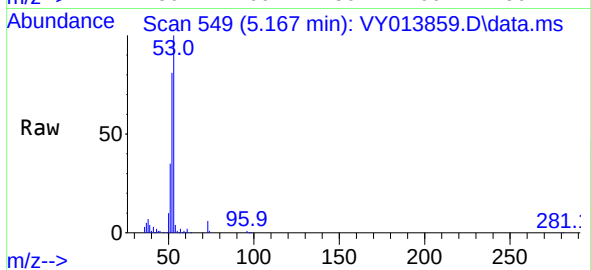
Tgt Ion: 53 Resp: 170351

Ion Ratio Lower Upper

53 100

52 81.8 67.2 100.8

51 38.0 30.2 45.2



#16

Acetone

Concen: 221.998 ug/l

RT: 3.954 min Scan# 350

Delta R.T. -0.006 min

Lab File: VY013859.D

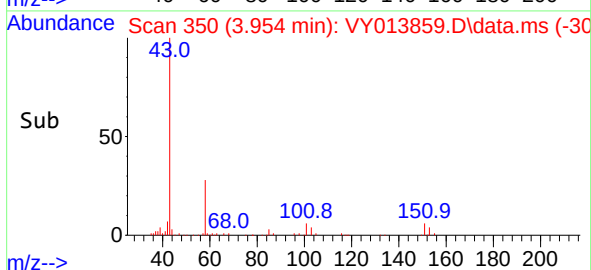
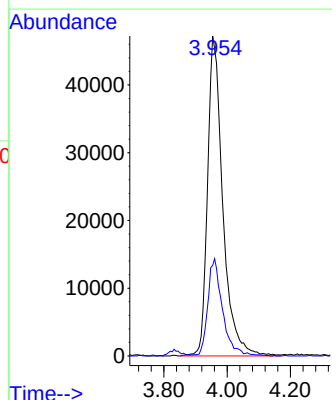
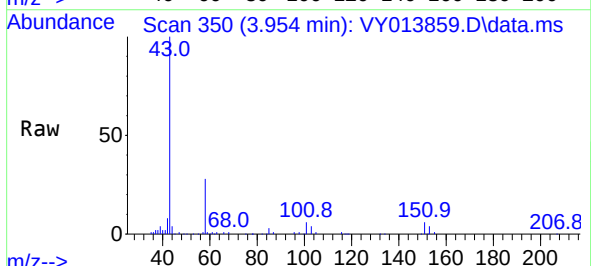
Acq: 24 May 2023 20:15

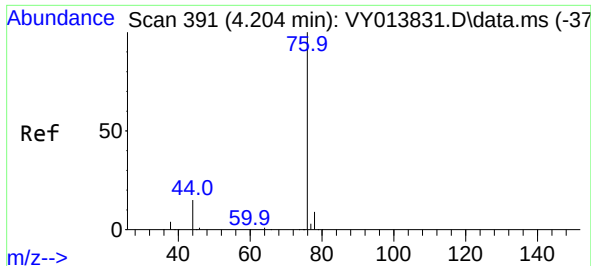
Tgt Ion: 43 Resp: 158430

Ion Ratio Lower Upper

43 100

58 28.3 23.3 34.9

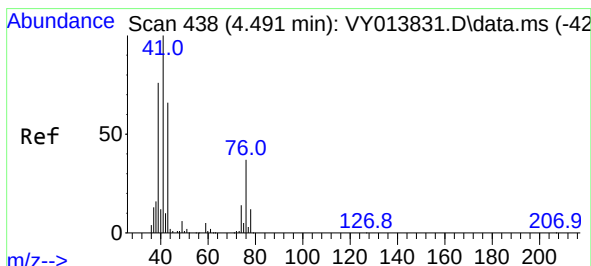
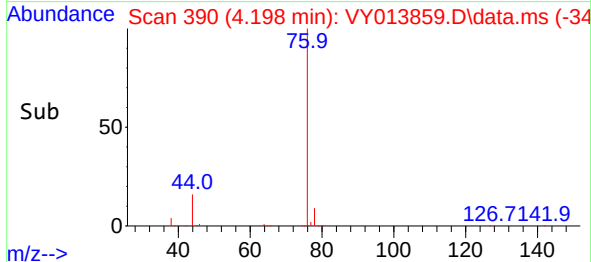
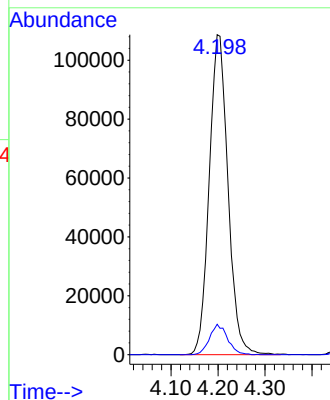
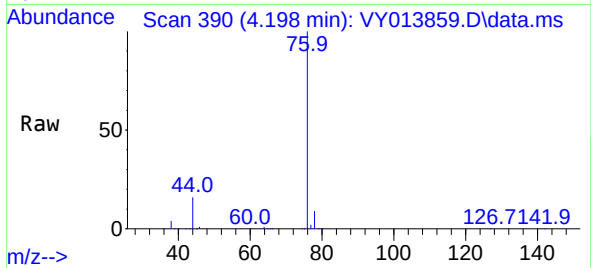




#17
Carbon Disulfide
Concen: 49.514 ug/l
RT: 4.198 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

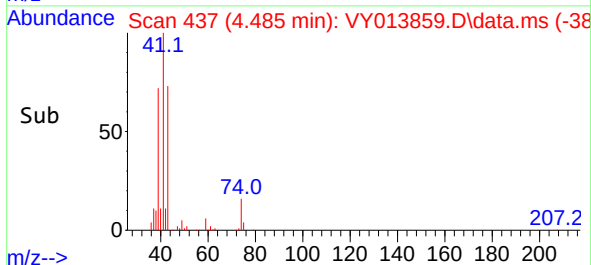
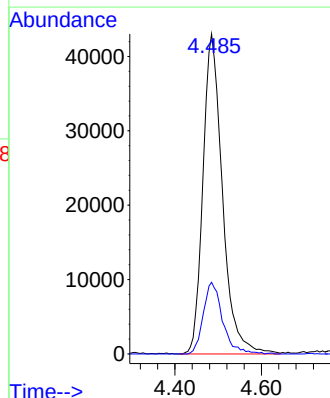
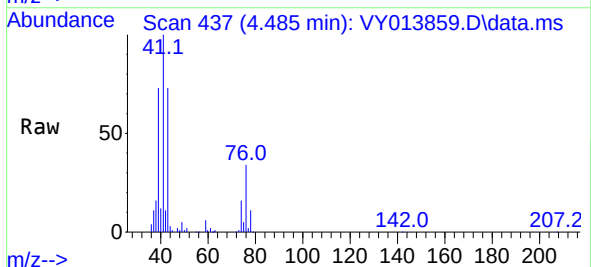
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

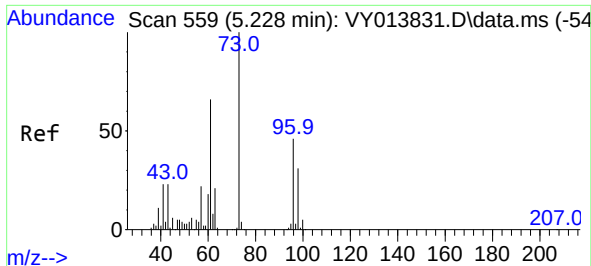
Tgt Ion: 76 Resp: 300472
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3



#18
Methyl Acetate
Concen: 54.366 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

Tgt Ion: 43 Resp: 134604
Ion Ratio Lower Upper
43 100
74 22.2 17.4 26.0

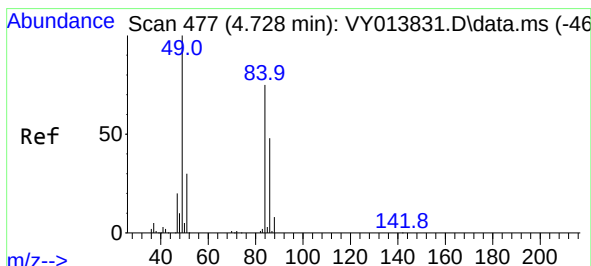
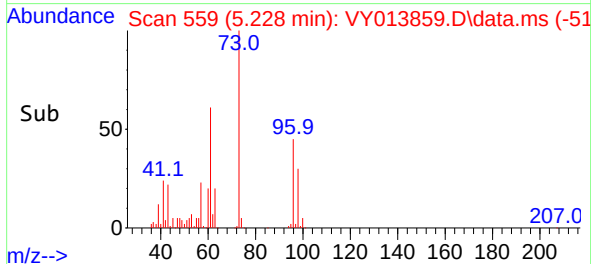
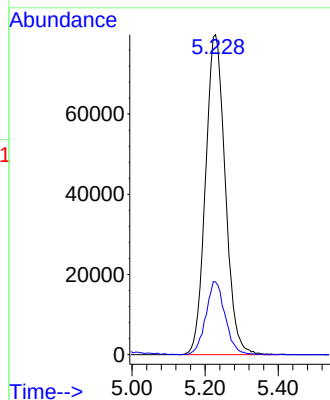
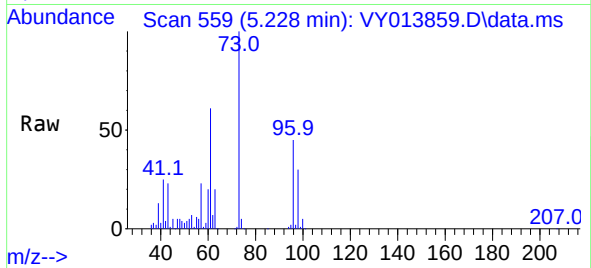




#19
Methyl tert-butyl Ether
Concen: 53.907 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

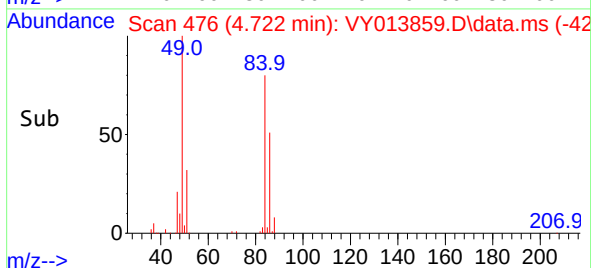
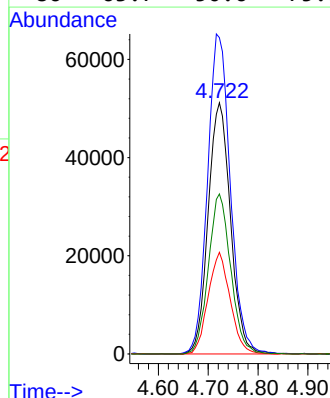
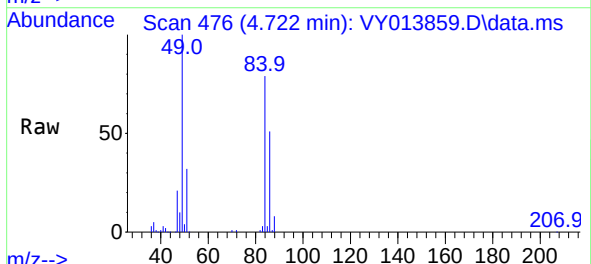
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

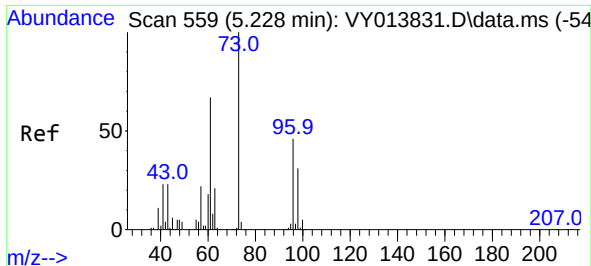
Tgt Ion: 73 Resp: 299087
Ion Ratio Lower Upper
73 100
57 22.8 17.4 26.2



#20
Methylene Chloride
Concen: 63.808 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

Tgt Ion: 84 Resp: 159684
Ion Ratio Lower Upper
84 100
49 125.8 106.2 159.2
51 40.5 31.4 47.0
86 63.7 50.6 75.8

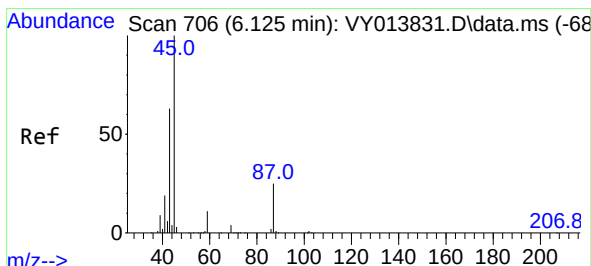
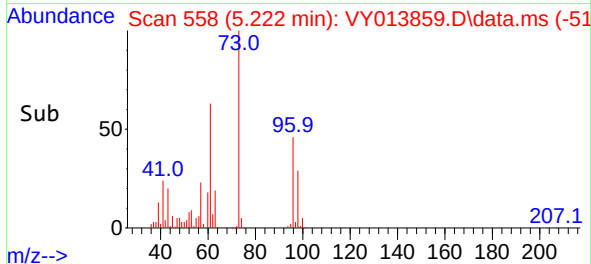
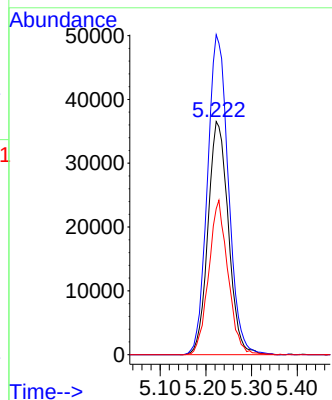
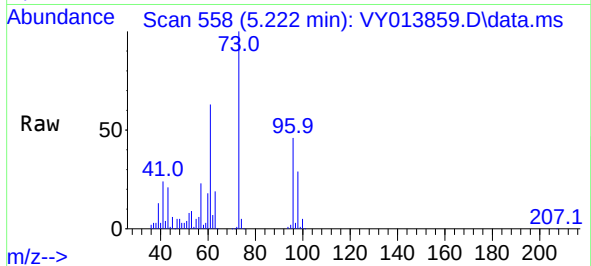




#21
trans-1,2-Dichloroethene
Concen: 51.241 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

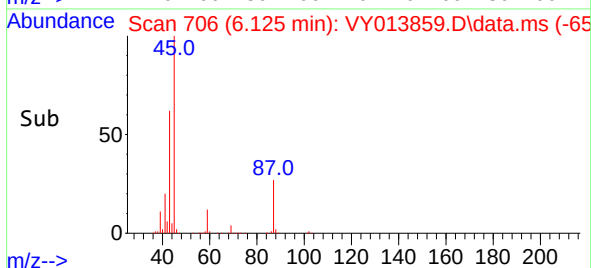
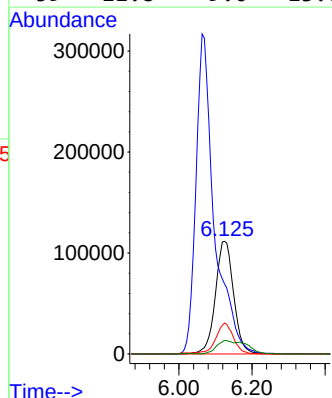
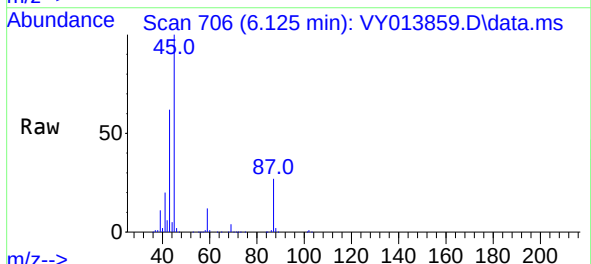
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

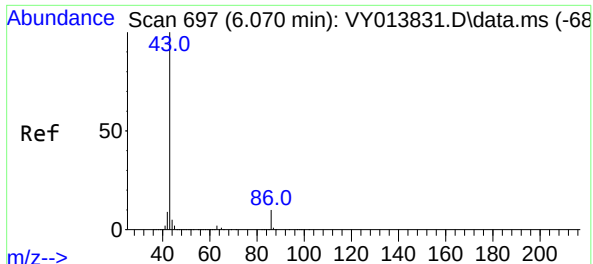
Tgt Ion: 96 Resp: 113241
Ion Ratio Lower Upper
96 100
61 137.2 115.5 173.3
98 62.6 53.7 80.5



#22
Diisopropyl ether
Concen: 53.968 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

Tgt Ion: 45 Resp: 386749
Ion Ratio Lower Upper
45 100
43 61.9 50.6 75.8
87 27.4 20.7 31.1
59 11.8 9.0 13.6

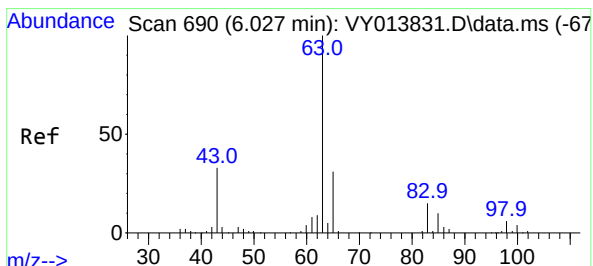
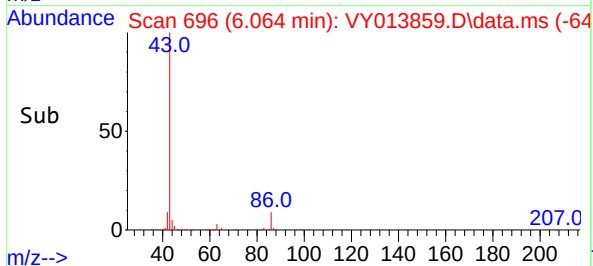
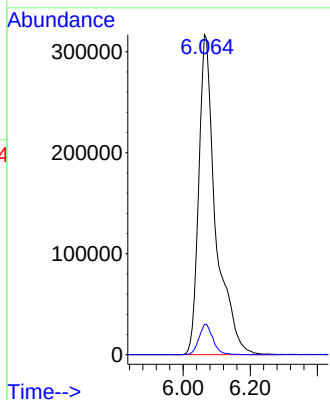
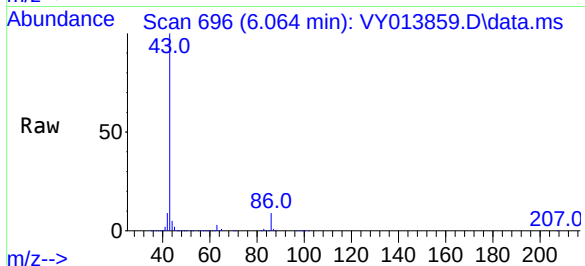




#23
 Vinyl Acetate
 Concen: 266.109 ug/l
 RT: 6.064 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: VY013859.D
 Acq: 24 May 2023 20:15

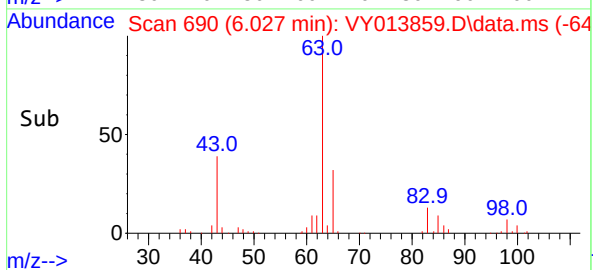
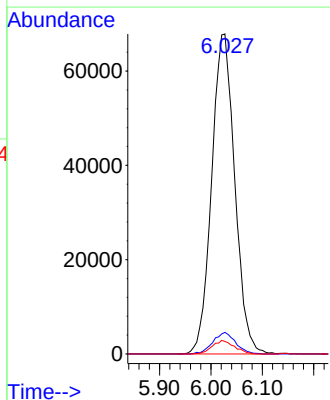
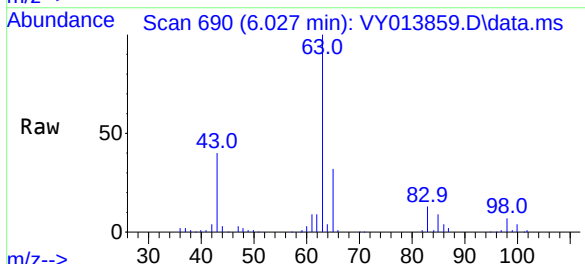
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

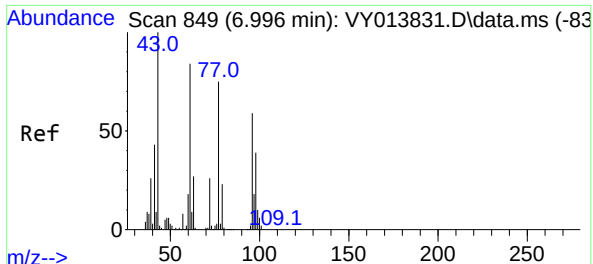
Tgt Ion: 43 Resp: 1110705
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 50.668 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY013859.D
 Acq: 24 May 2023 20:15

Tgt Ion: 63 Resp: 211975
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.2 9.6
 100 3.9 2.1 6.2

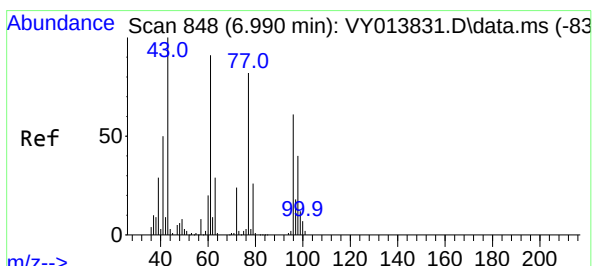
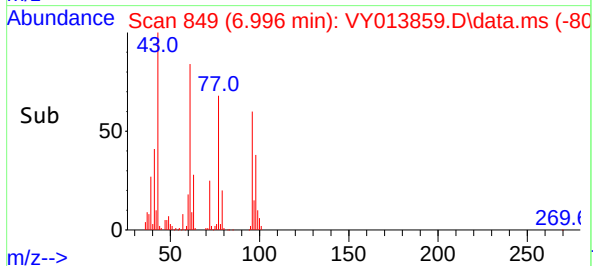
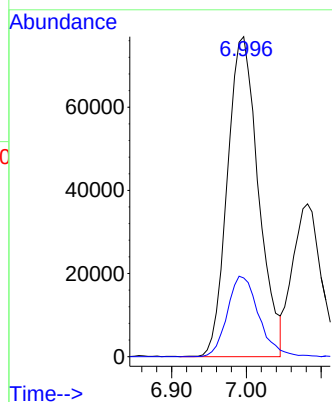
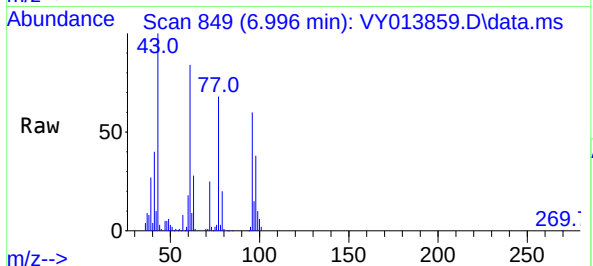




#25
2-Butanone
Concen: 255.349 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

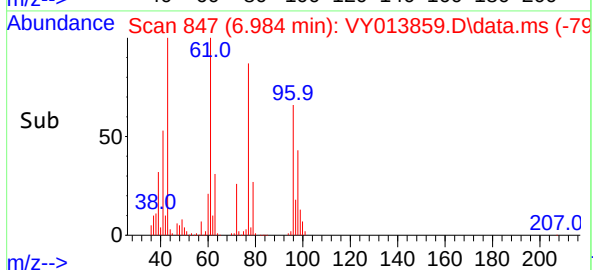
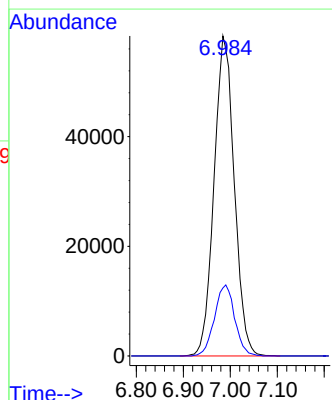
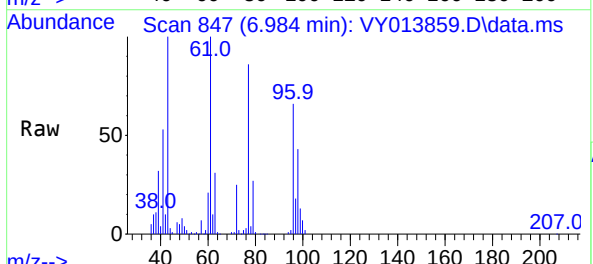
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

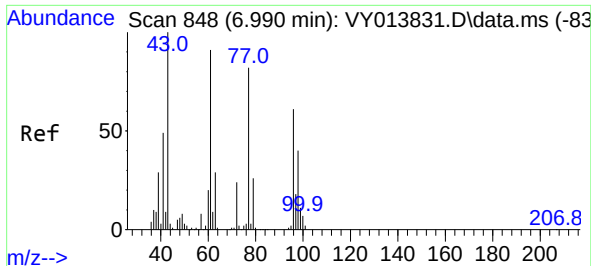
Tgt Ion: 43 Resp: 222365
Ion Ratio Lower Upper
43 100
72 24.6 20.5 30.7



#26
2,2-Dichloropropane
Concen: 46.268 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

Tgt Ion: 77 Resp: 174357
Ion Ratio Lower Upper
77 100
97 22.2 11.2 33.6



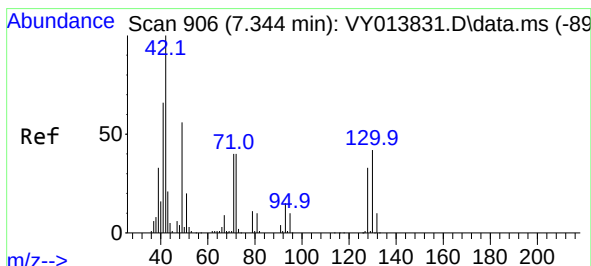
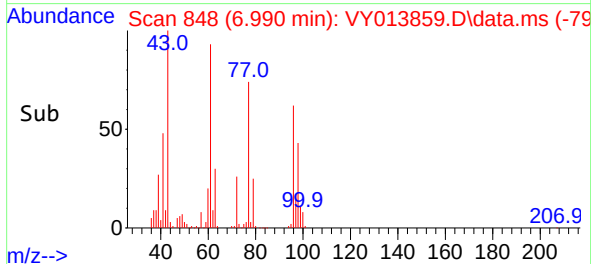
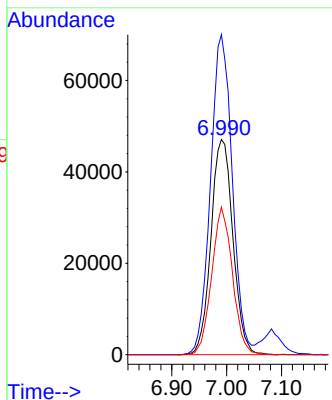
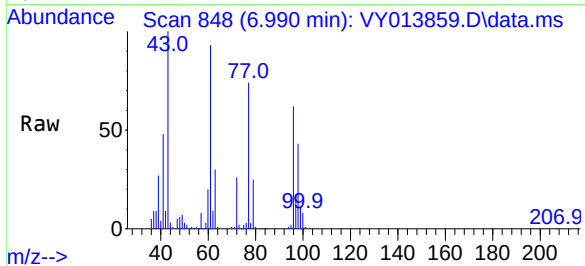


#27
 cis-1,2-Dichloroethene
 Concen: 52.826 ug/l
 RT: 6.990 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY013859.D
 Acq: 24 May 2023 20:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 131148

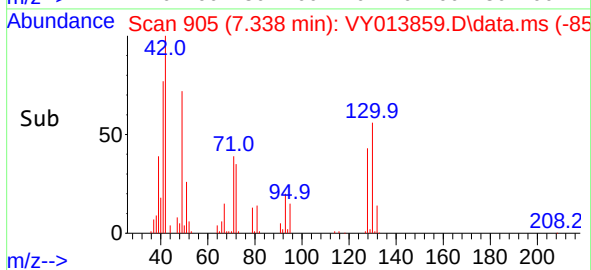
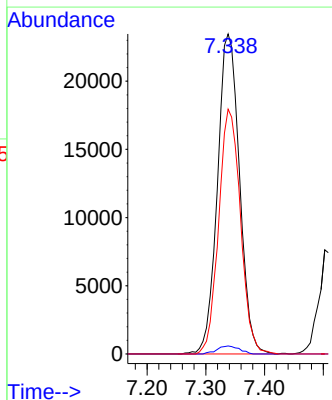
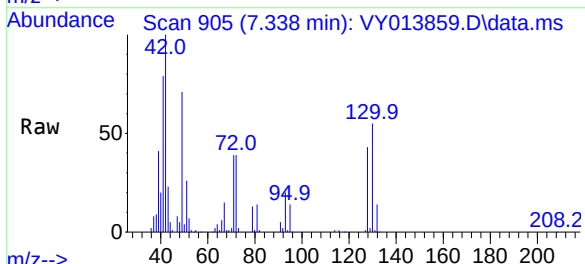
Ion	Ratio	Lower	Upper
96	100		
61	146.7	0.0	296.4
98	64.6	0.0	129.4

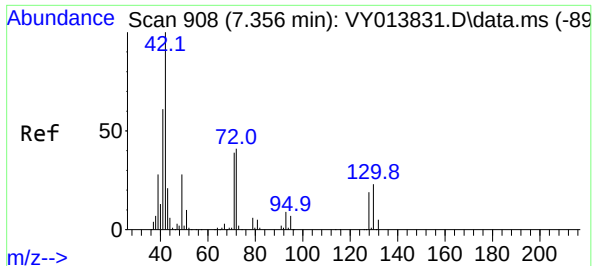


#28
 Bromochloromethane
 Concen: 49.756 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. -0.006 min
 Lab File: VY013859.D
 Acq: 24 May 2023 20:15

Tgt Ion: 49 Resp: 61098

Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.4
130	75.6	60.2	90.2

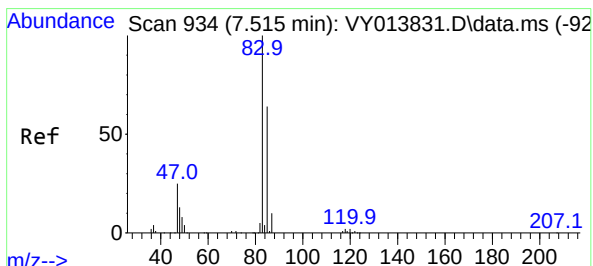
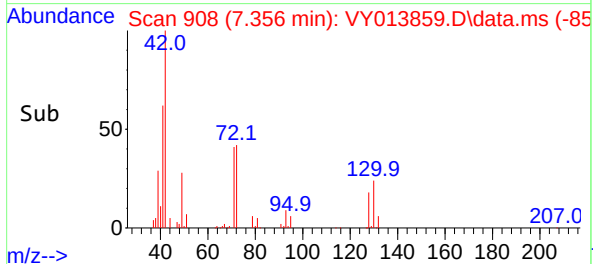
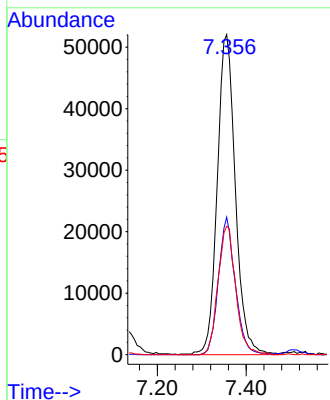
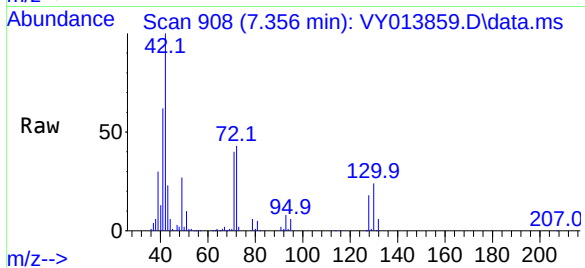




#29
Tetrahydrofuran
Concen: 282.949 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

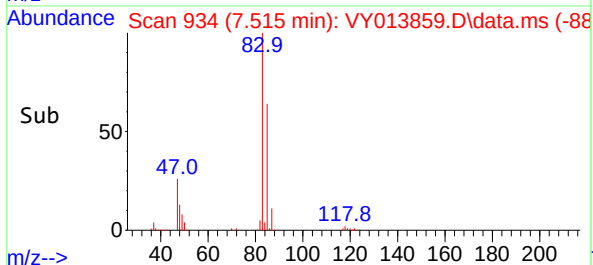
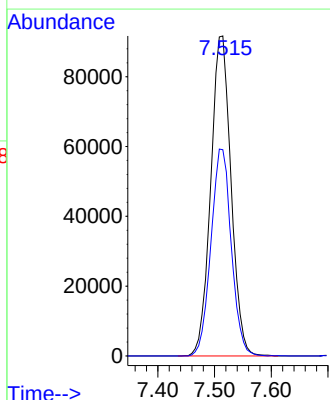
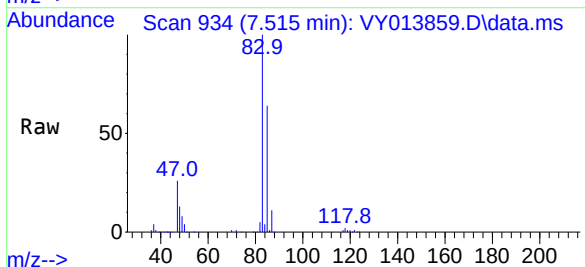
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

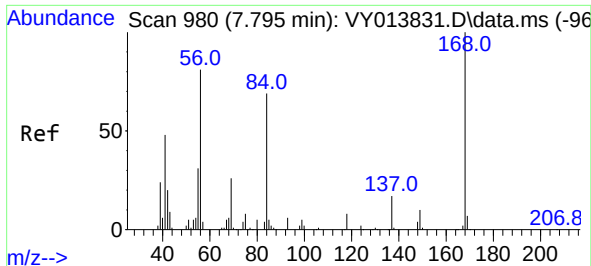
Tgt Ion: 42 Resp: 147112
Ion Ratio Lower Upper
42 100
72 39.9 31.7 47.5
71 39.3 30.6 45.8



#30
Chloroform
Concen: 53.669 ug/l
RT: 7.515 min Scan# 934
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

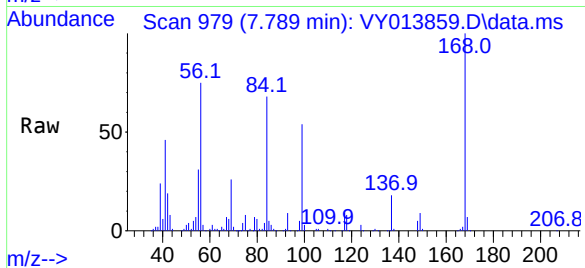
Tgt Ion: 83 Resp: 227635
Ion Ratio Lower Upper
83 100
85 64.5 51.0 76.6



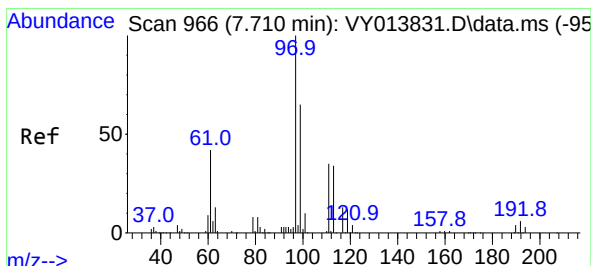
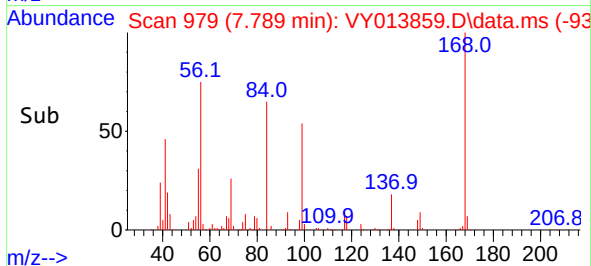
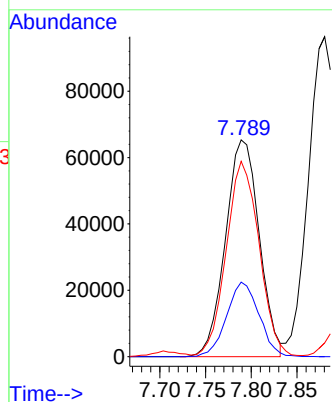


#31
Cyclohexane
Concen: 45.440 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

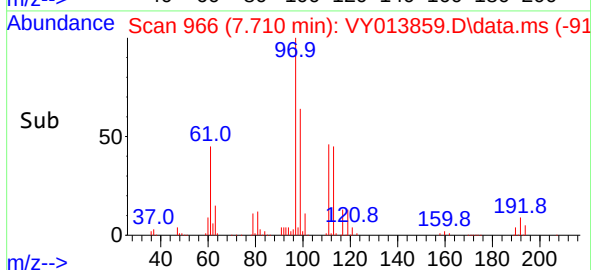
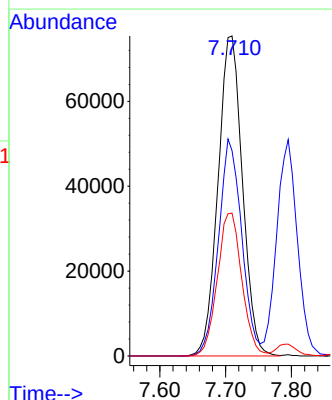
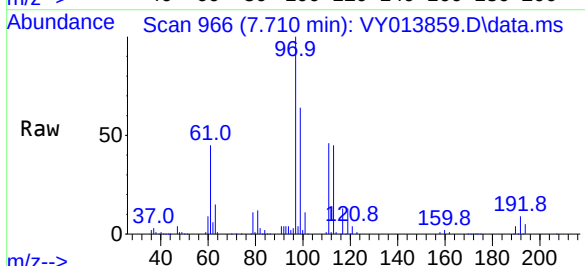


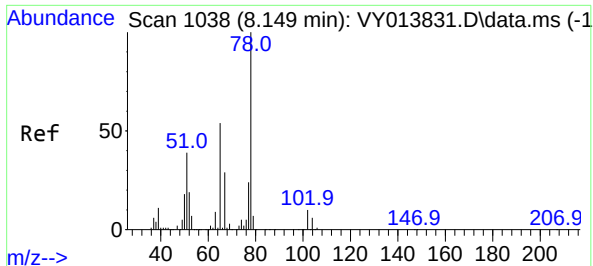
Tgt Ion: 56 Resp: 167870
Ion Ratio Lower Upper
56 100
69 34.4 25.8 38.8
84 88.7 68.2 102.2



#32
1,1,1-Trichloroethane
Concen: 50.392 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

Tgt Ion: 97 Resp: 194986
Ion Ratio Lower Upper
97 100
99 64.7 50.5 75.7
61 44.8 35.0 52.4

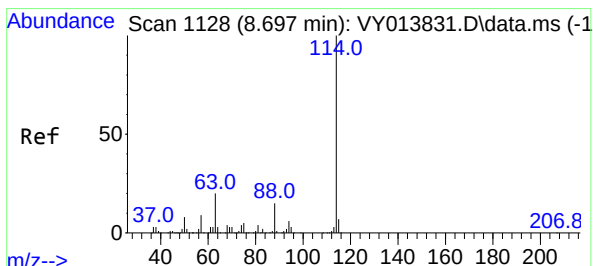
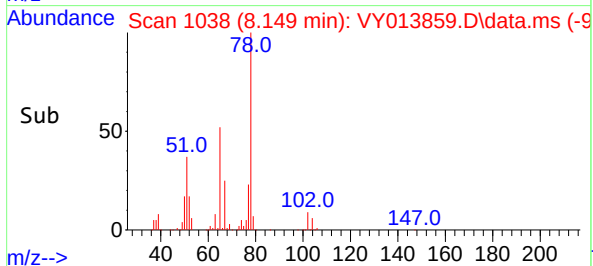
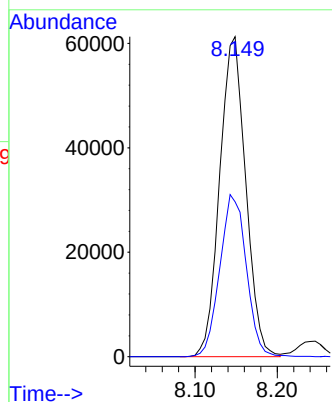
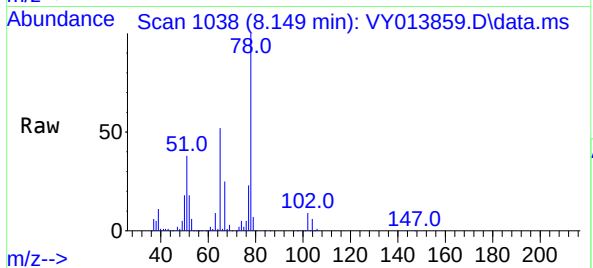




#33
1,2-Dichloroethane-d4
Concen: 55.987 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

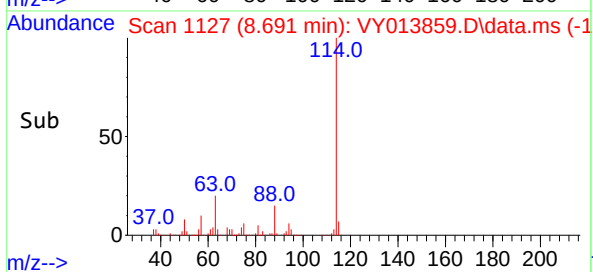
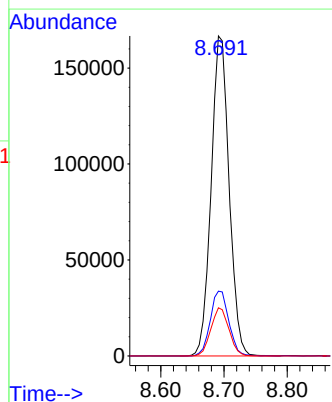
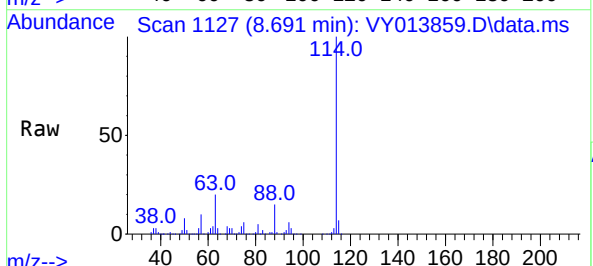
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

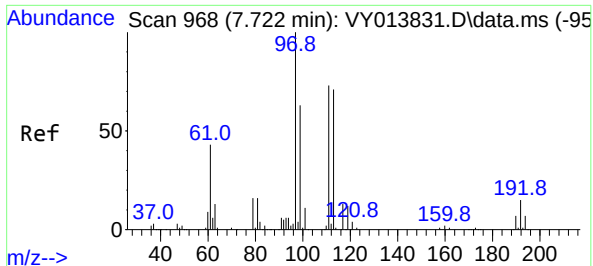
Tgt Ion: 65 Resp: 134621
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

Tgt Ion: 114 Resp: 329039
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.2
88 15.0 0.0 30.0

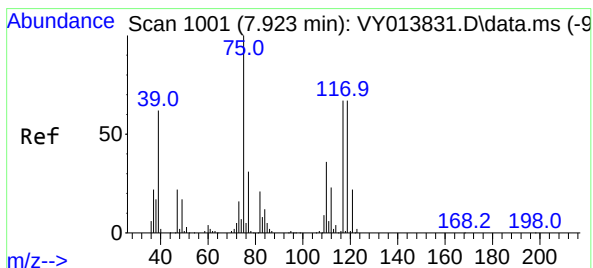
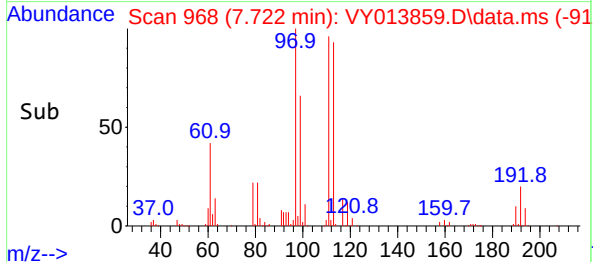
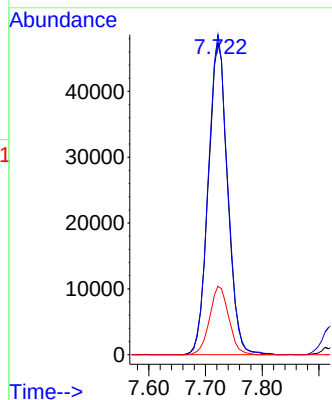
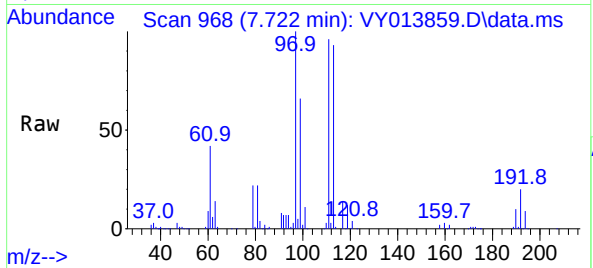




#35
Dibromofluoromethane
Concen: 52.925 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

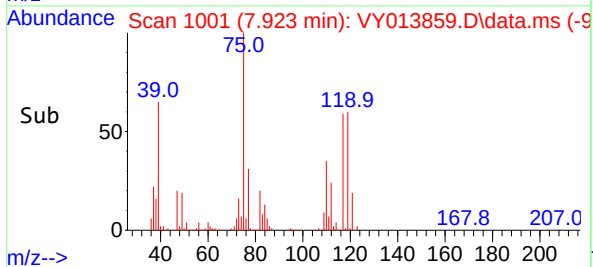
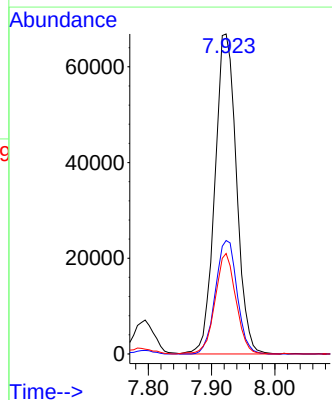
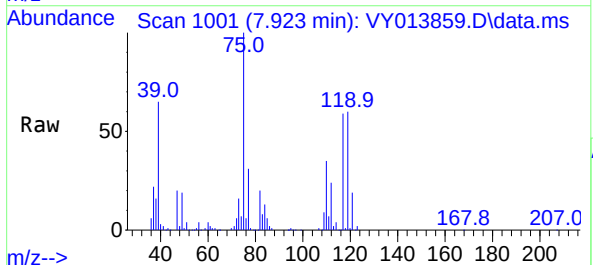
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

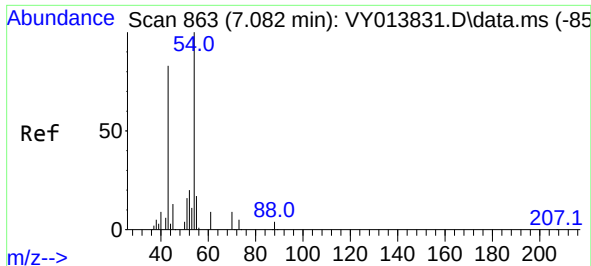
Tgt Ion:113 Resp: 112463
Ion Ratio Lower Upper
113 100
111 101.9 80.4 120.6
192 21.6 16.6 25.0



#36
1,1-Dichloropropene
Concen: 48.920 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

Tgt Ion: 75 Resp: 158333
Ion Ratio Lower Upper
75 100
110 35.5 17.5 52.6
77 30.4 24.4 36.6

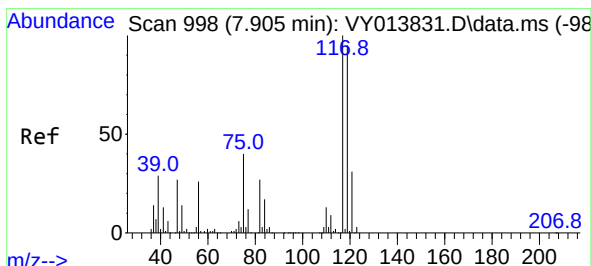
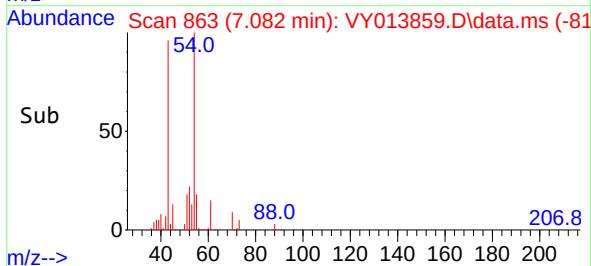
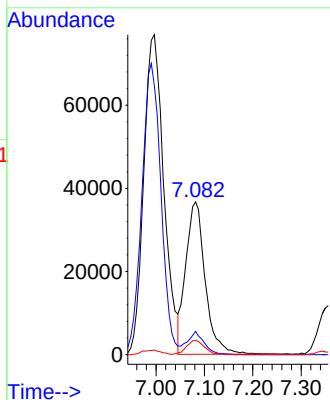
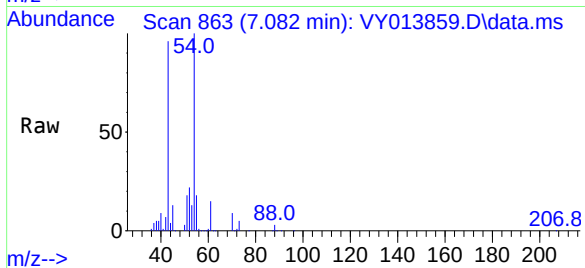




#37
Ethyl Acetate
Concen: 51.714 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

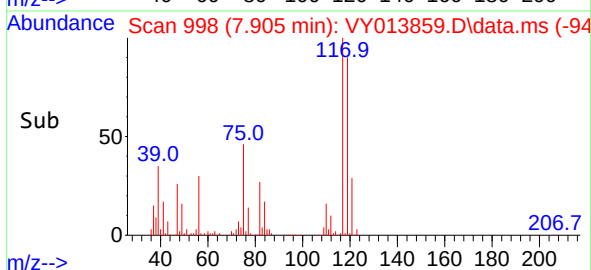
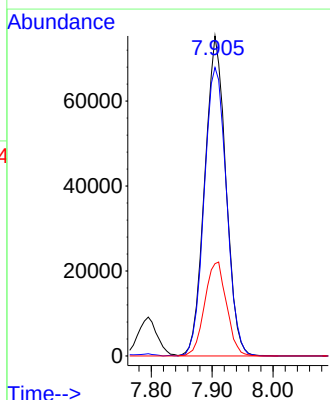
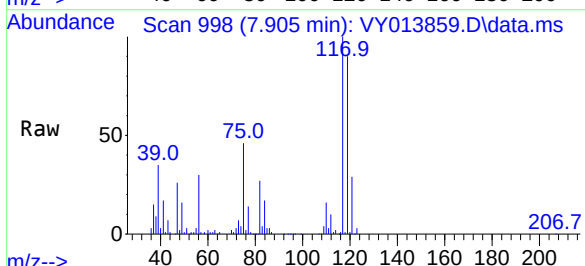
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

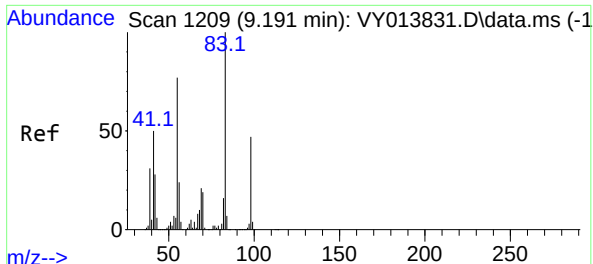
Tgt Ion: 43 Resp: 102098
Ion Ratio Lower Upper
43 100
61 12.9 10.5 15.7
70 8.9 6.9 10.3



#38
Carbon Tetrachloride
Concen: 49.333 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

Tgt Ion: 117 Resp: 181581
Ion Ratio Lower Upper
117 100
119 90.1 75.6 113.4
121 28.9 24.8 37.2





#39

Methylcyclohexane

Concen: 47.930 ug/l

RT: 9.185 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013859.D

Acq: 24 May 2023 20:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

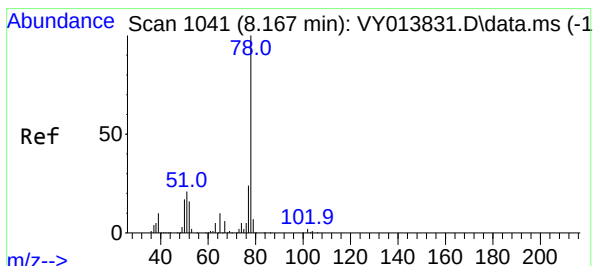
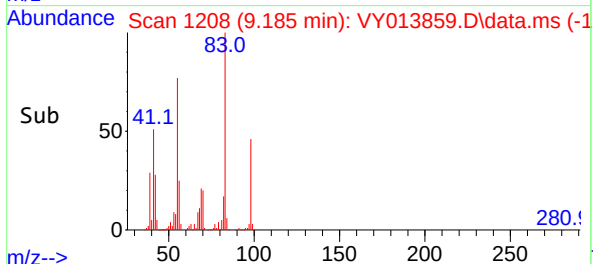
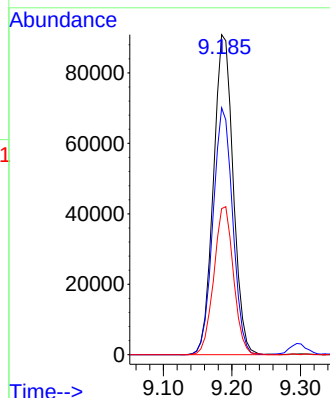
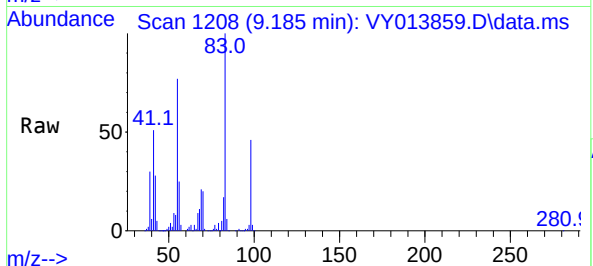
Tgt Ion: 83 Resp: 181675

Ion Ratio Lower Upper

83 100

55 77.2 61.6 92.4

98 45.7 38.0 57.0



#40

Benzene

Concen: 51.272 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY013859.D

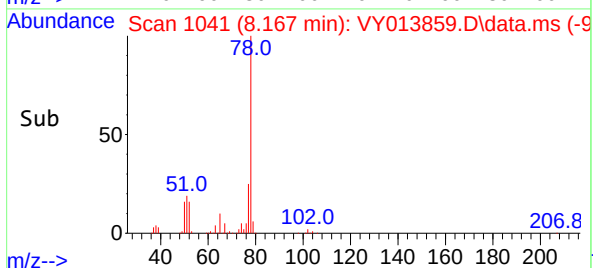
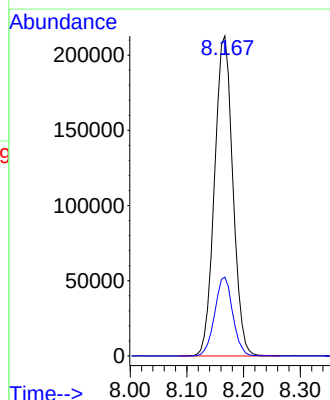
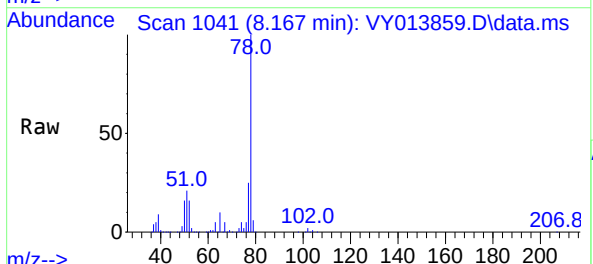
Acq: 24 May 2023 20:15

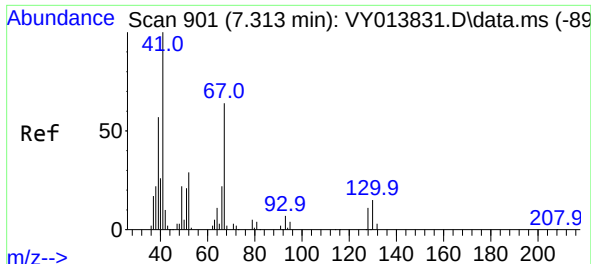
Tgt Ion: 78 Resp: 476630

Ion Ratio Lower Upper

78 100

77 24.6 19.5 29.3

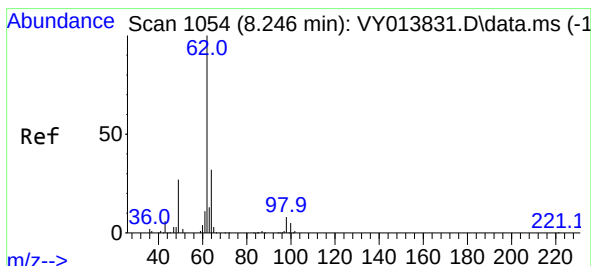
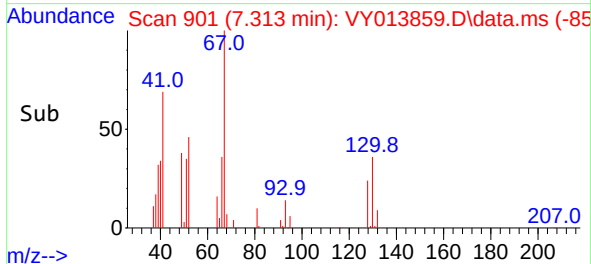
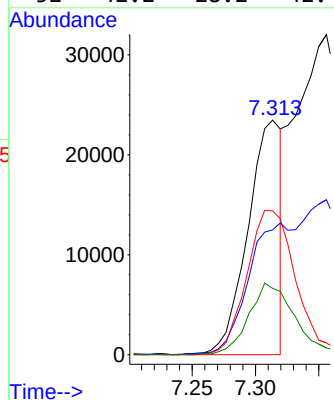
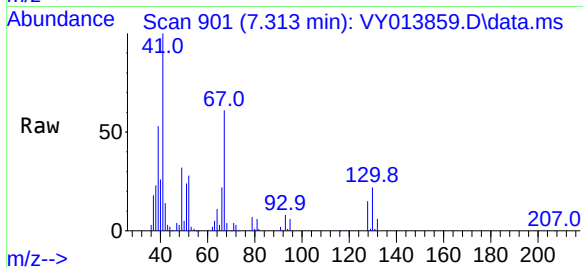




#41
Methacrylonitrile
Concen: 40.553 ug/l
RT: 7.313 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

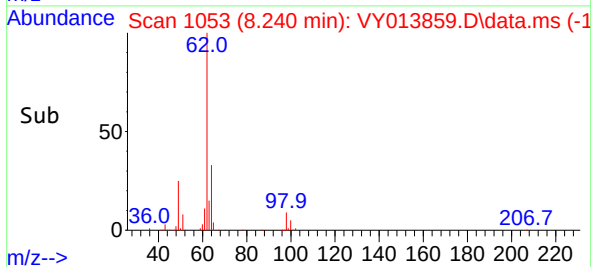
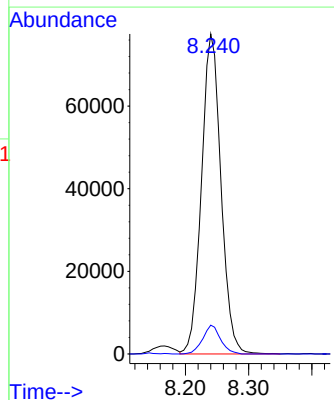
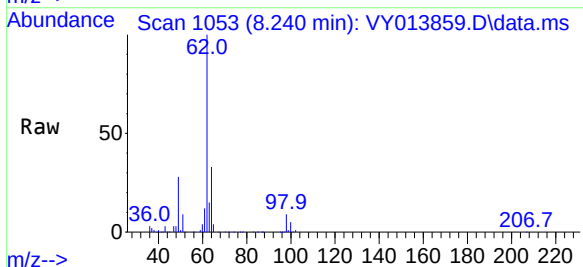
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

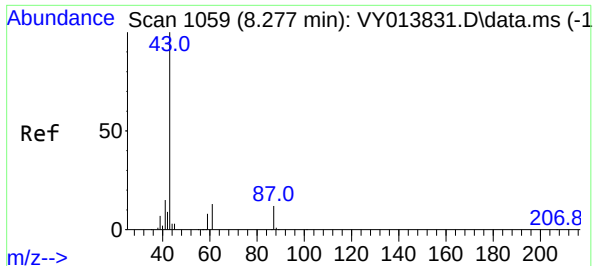
Tgt Ion: 41 Resp: 43684
Ion Ratio Lower Upper
41 100
39 67.2 44.1 66.1#
67 89.3 63.7 95.5
52 42.2 28.2 42.4



#42
1,2-Dichloroethane
Concen: 54.593 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

Tgt Ion: 62 Resp: 166163
Ion Ratio Lower Upper
62 100
98 8.2 0.0 16.8





#43

Isopropyl Acetate

Concen: 51.918 ug/l

RT: 8.277 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VY013859.D

Acq: 24 May 2023 20:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

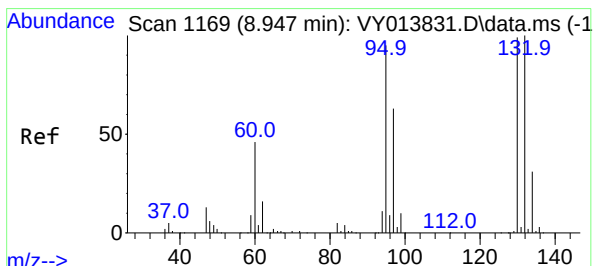
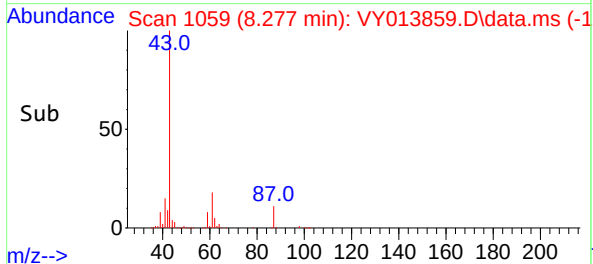
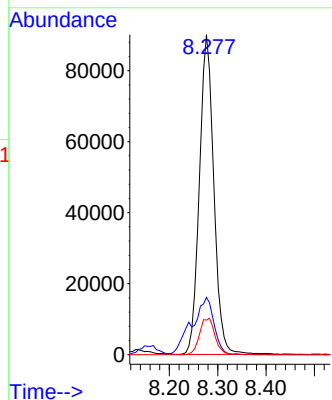
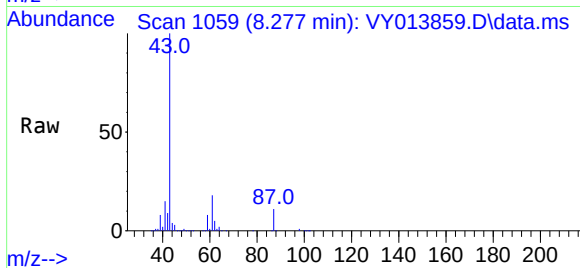
Tgt Ion: 43 Resp: 186783

Ion Ratio Lower Upper

43 100

61 27.3 21.1 31.7

87 12.2 9.8 14.6



#44

Trichloroethene

Concen: 49.500 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. -0.006 min

Lab File: VY013859.D

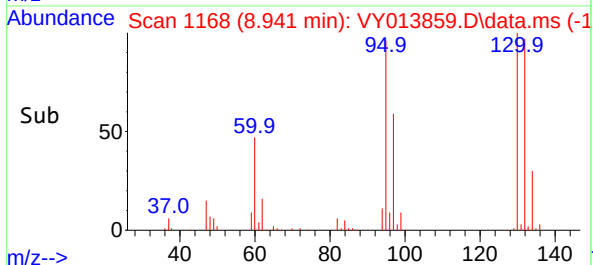
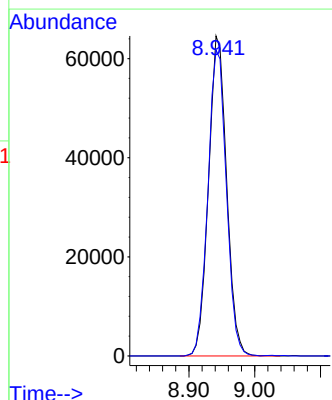
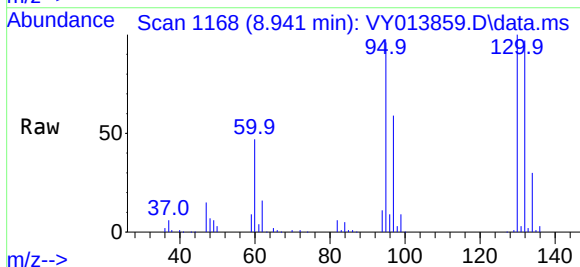
Acq: 24 May 2023 20:15

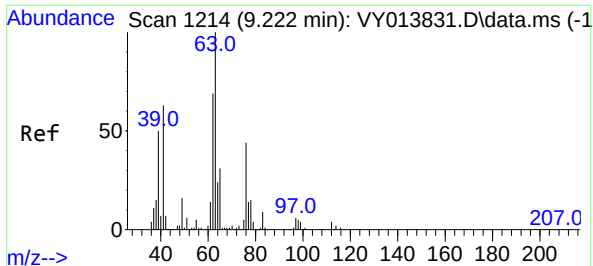
Tgt Ion: 130 Resp: 123973

Ion Ratio Lower Upper

130 100

95 95.6 0.0 192.8





#45

1,2-Dichloropropane

Concen: 52.176 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VY013859.D

Acq: 24 May 2023 20:15

Instrument :

MSVOA_Y

ClientSampleId :

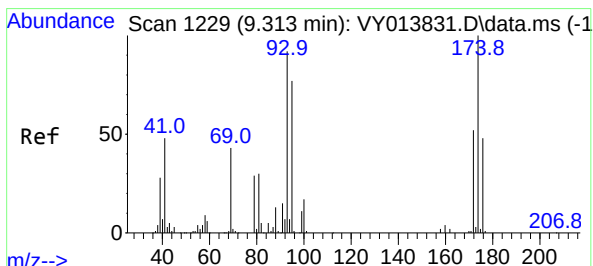
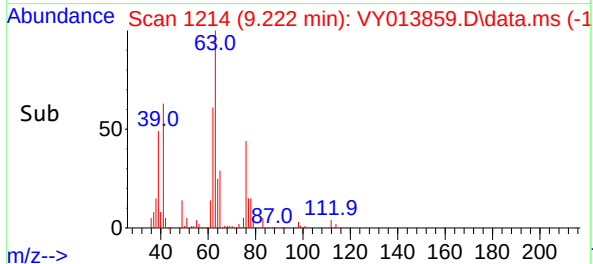
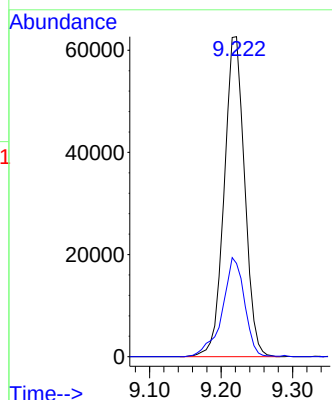
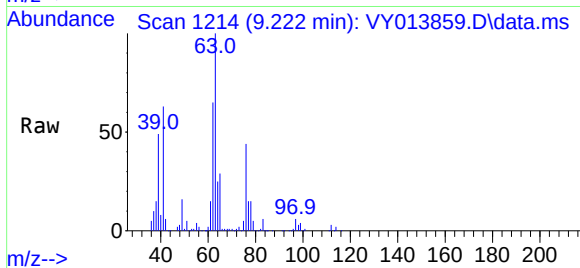
VSTDCCC050EC

Tgt Ion: 63 Resp: 124254

Ion Ratio Lower Upper

63 100

65 29.2 24.7 37.1



#46

Dibromomethane

Concen: 53.717 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VY013859.D

Acq: 24 May 2023 20:15

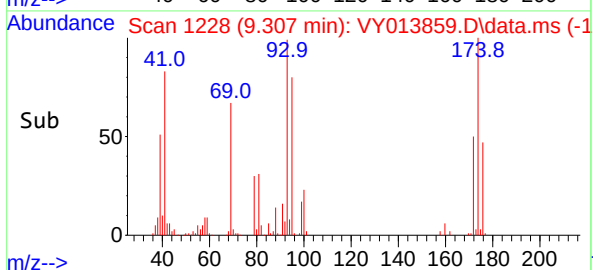
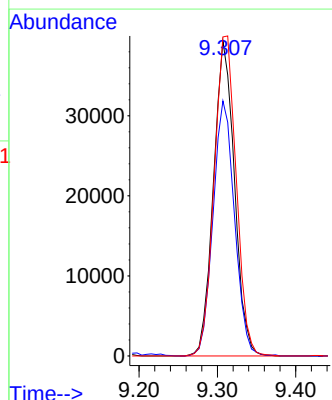
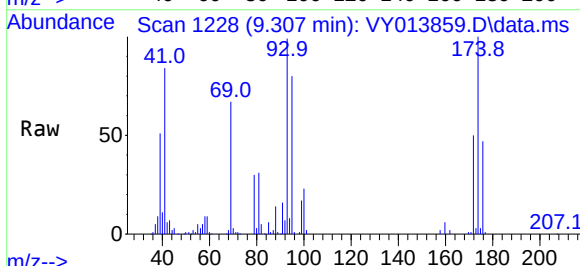
Tgt Ion: 93 Resp: 73263

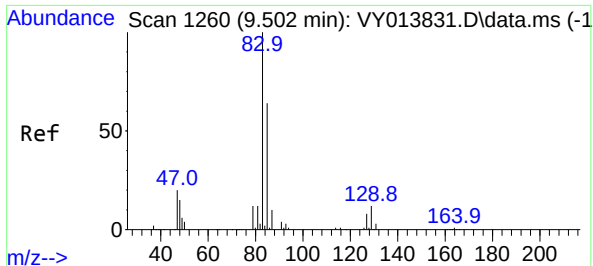
Ion Ratio Lower Upper

93 100

95 83.0 66.4 99.6

174 106.8 83.9 125.9

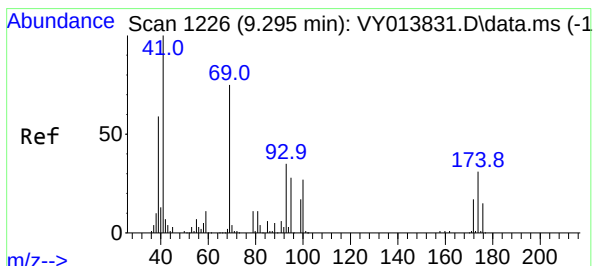
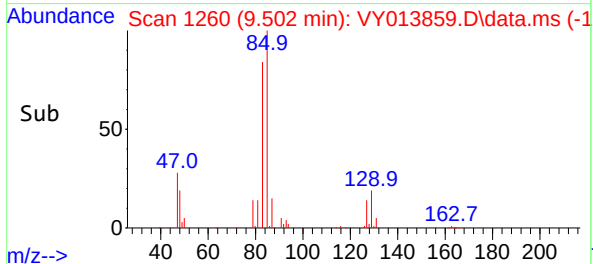
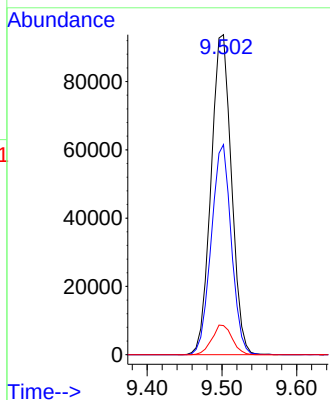
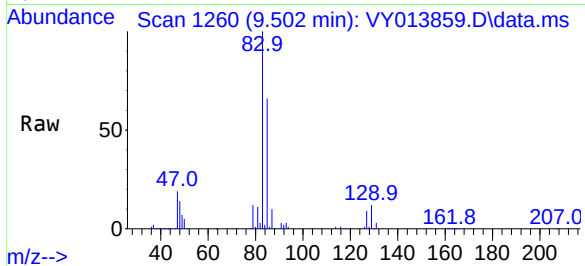




#47
Bromodichloromethane
Concen: 53.545 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

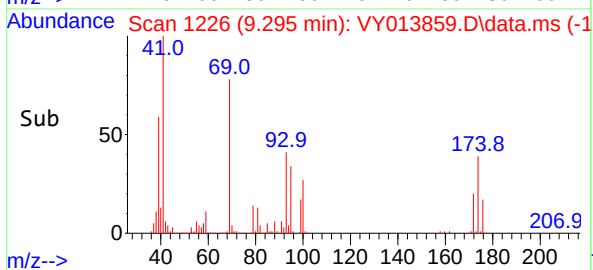
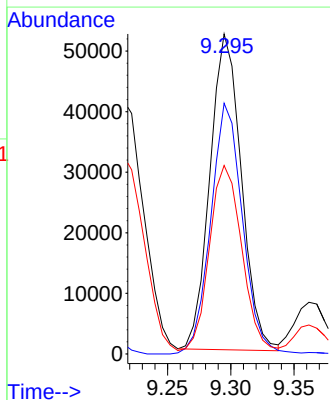
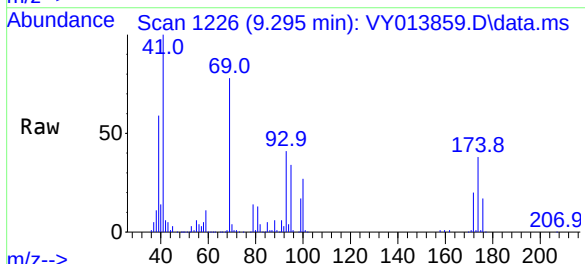
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

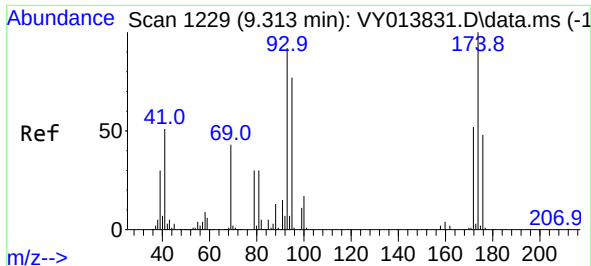
Tgt Ion: 83 Resp: 177968
Ion Ratio Lower Upper
83 100
85 65.6 51.5 77.3
127 9.1 6.6 10.0



#48
Methyl methacrylate
Concen: 53.298 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

Tgt Ion: 41 Resp: 90040
Ion Ratio Lower Upper
41 100
69 80.4 62.0 93.0
39 62.3 45.7 68.5





#49

1,4-Dioxane

Concen: 1100.146 ug/l

RT: 9.307 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013859.D

Acq: 24 May 2023 20:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

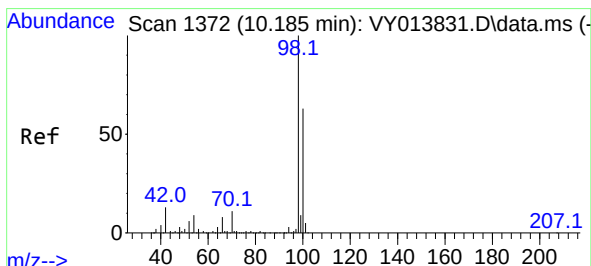
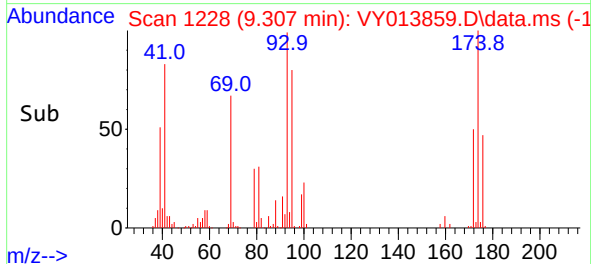
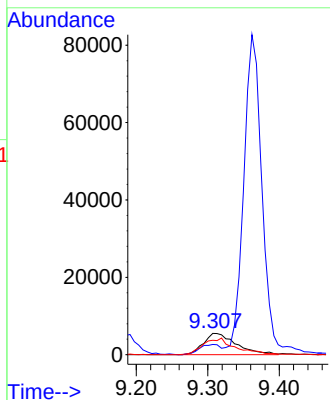
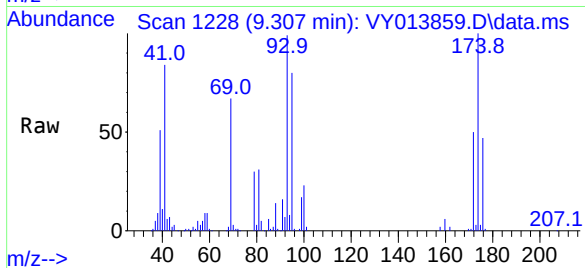
Tgt Ion: 88 Resp: 17634

Ion Ratio Lower Upper

88 100

43 30.7 0.0 0.0#

58 77.4 59.0 88.6



#50

Toluene-d8

Concen: 51.447 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY013859.D

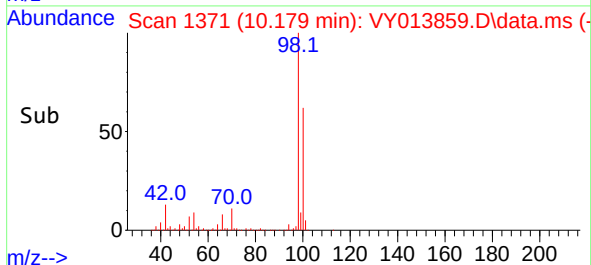
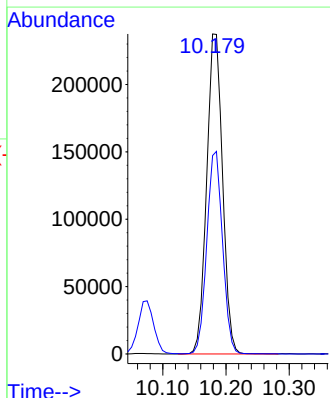
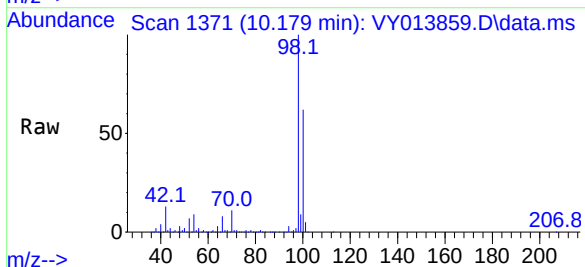
Acq: 24 May 2023 20:15

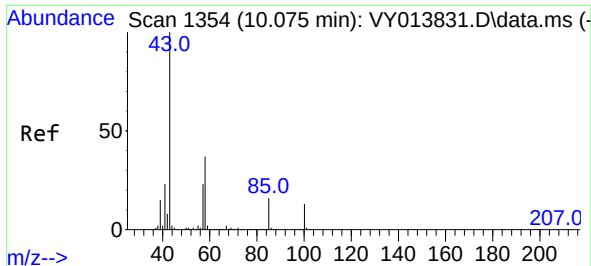
Tgt Ion: 98 Resp: 415499

Ion Ratio Lower Upper

98 100

100 62.7 50.8 76.2

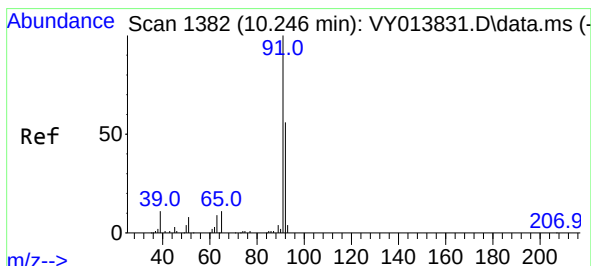
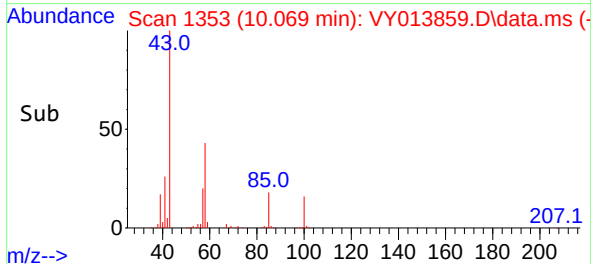
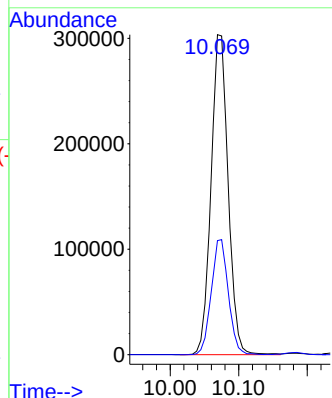
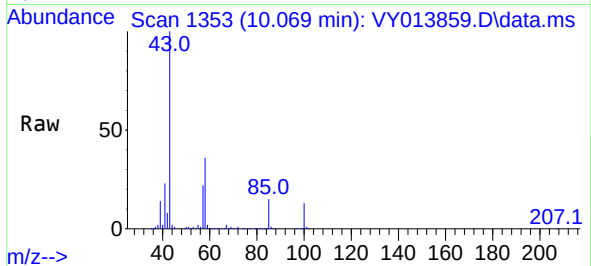




#51
4-Methyl-2-Pentanone
Concen: 274.395 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

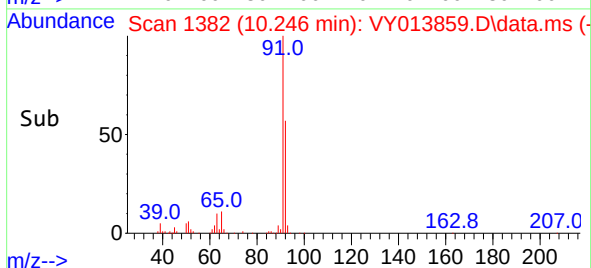
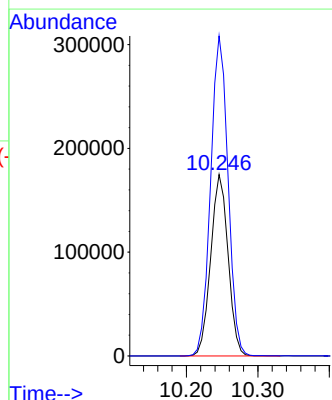
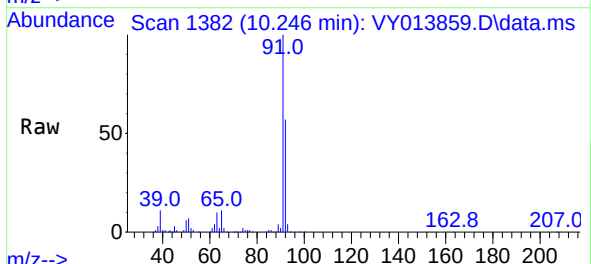
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

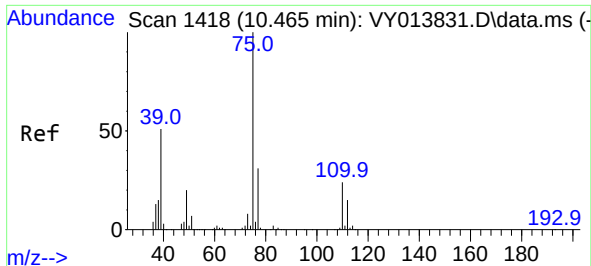
Tgt Ion: 43 Resp: 526087
Ion Ratio Lower Upper
43 100
58 36.0 29.1 43.7



#52
Toluene
Concen: 51.966 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

Tgt Ion: 92 Resp: 294544
Ion Ratio Lower Upper
92 100
91 176.8 142.2 213.4

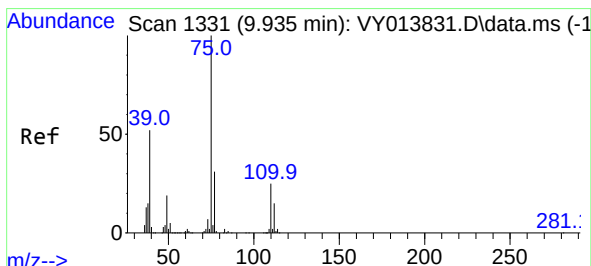
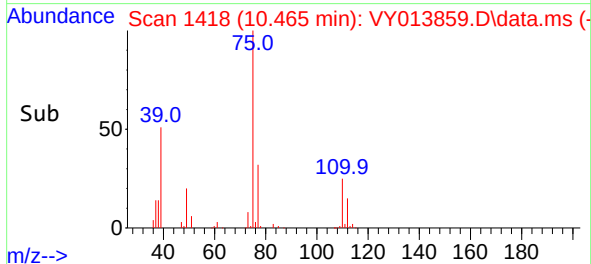
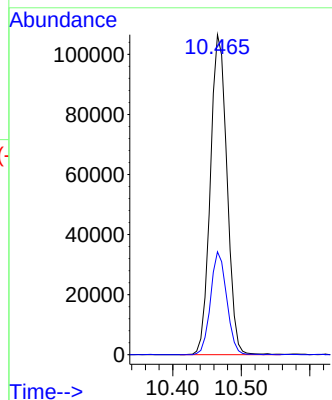
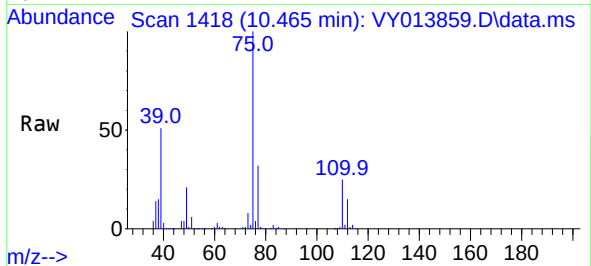




#53
t-1,3-Dichloropropene
Concen: 53.125 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

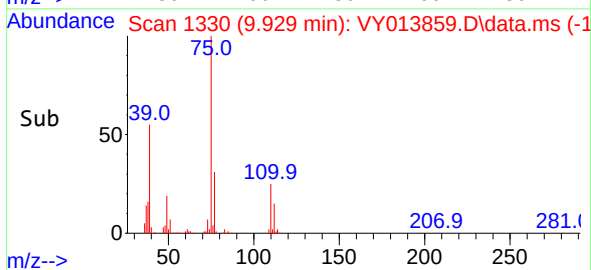
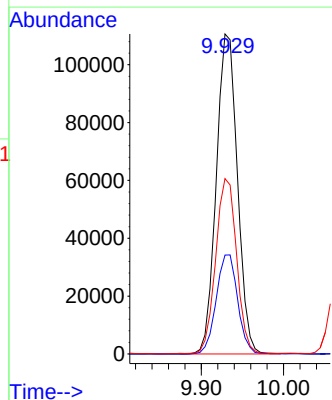
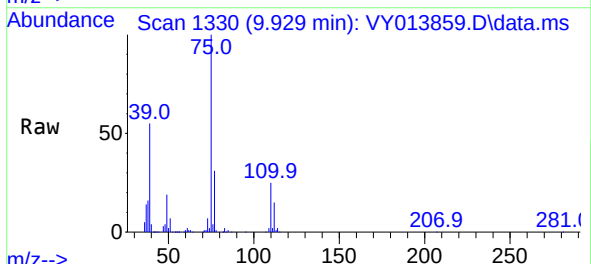
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

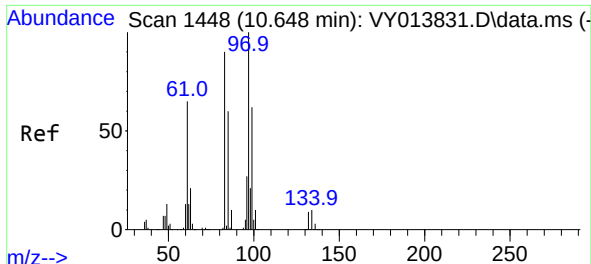
Tgt Ion: 75 Resp: 179736
Ion Ratio Lower Upper
75 100
77 32.1 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 52.170 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.006 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

Tgt Ion: 75 Resp: 197738
Ion Ratio Lower Upper
75 100
77 30.9 24.8 37.2
39 54.6 41.8 62.8



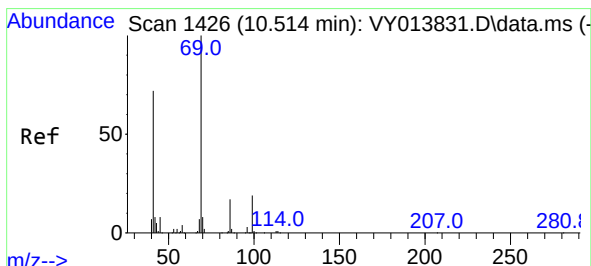
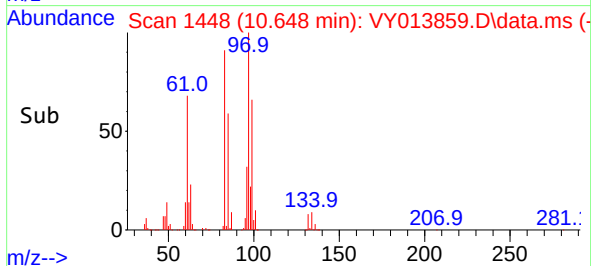
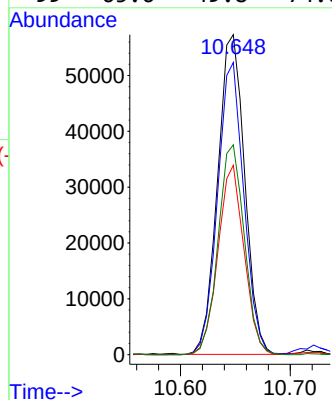
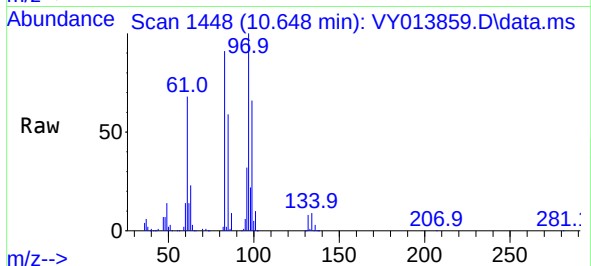


#55
1,1,2-Trichloroethane
Concen: 53.538 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 98235

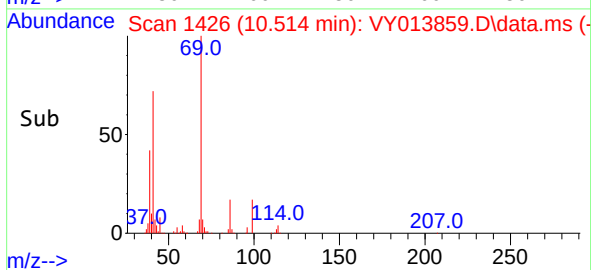
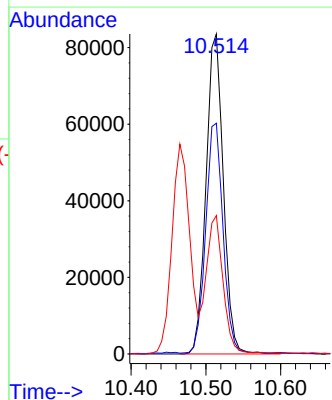
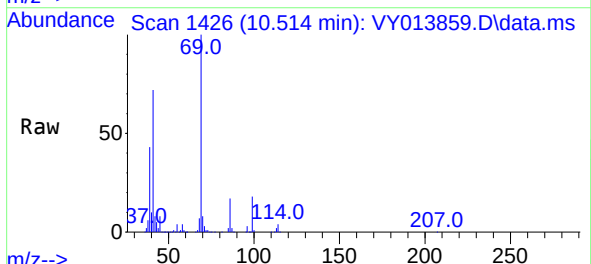
Ion	Ratio	Lower	Upper
97	100		
83	91.4	71.9	107.9
85	59.3	47.6	71.4
99	65.6	49.8	74.6

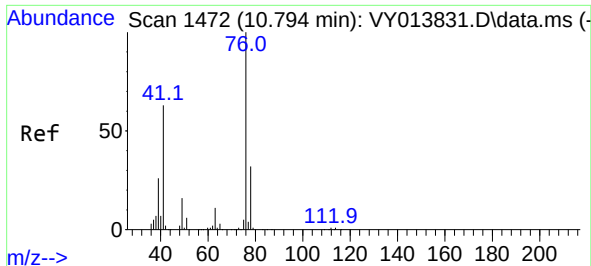


#56
Ethyl methacrylate
Concen: 54.803 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

Tgt Ion: 69 Resp: 134230

Ion	Ratio	Lower	Upper
69	100		
41	72.1	57.8	86.6
39	41.3	33.9	50.9





#57

1,3-Dichloropropane

Concen: 53.698 ug/l

RT: 10.794 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VY013859.D

Acq: 24 May 2023 20:15

Instrument :

MSVOA_Y

ClientSampleId :

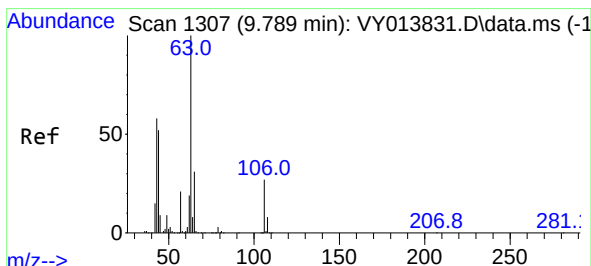
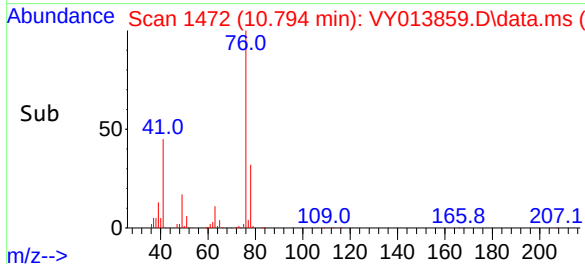
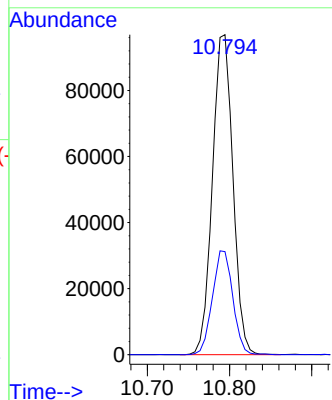
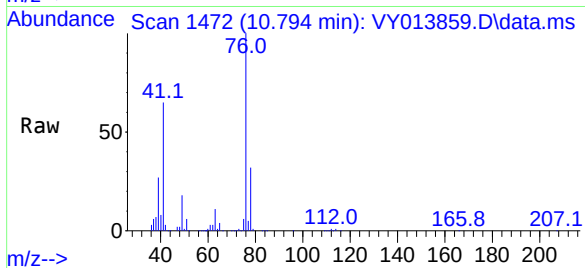
VSTDCCC050EC

Tgt Ion: 76 Resp: 167802

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 244.364 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VY013859.D

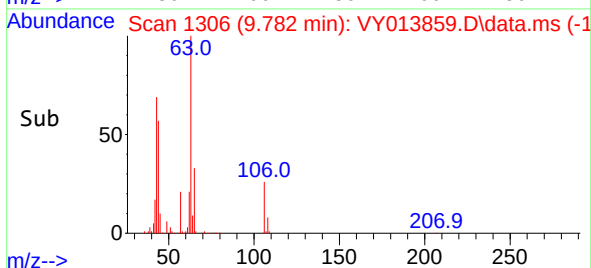
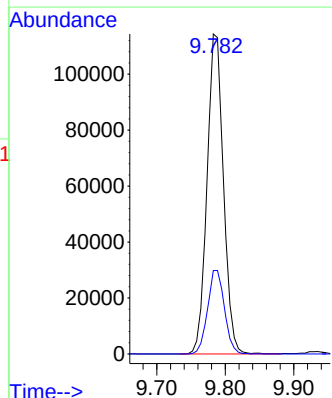
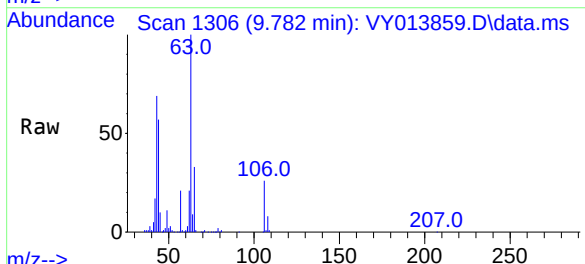
Acq: 24 May 2023 20:15

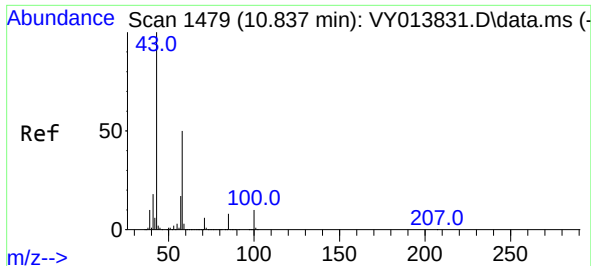
Tgt Ion: 63 Resp: 190976

Ion Ratio Lower Upper

63 100

106 26.8 21.3 31.9

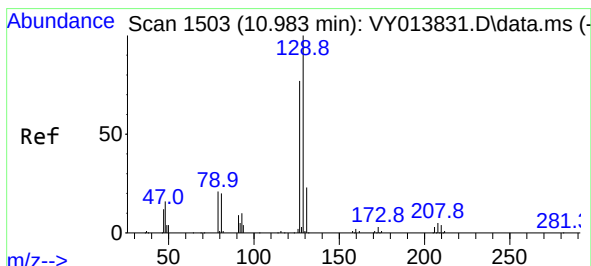
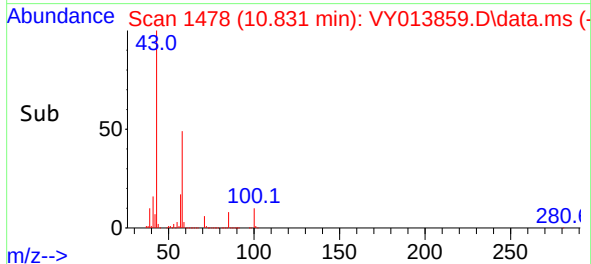
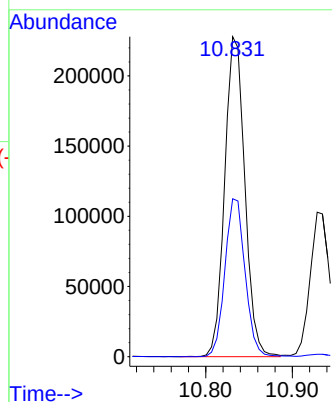
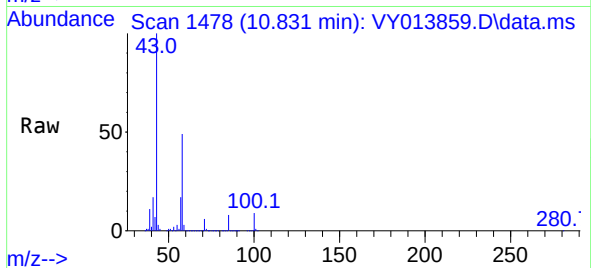




#59
2-Hexanone
Concen: 269.760 ug/l
RT: 10.831 min Scan# 1479
Delta R.T. -0.006 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

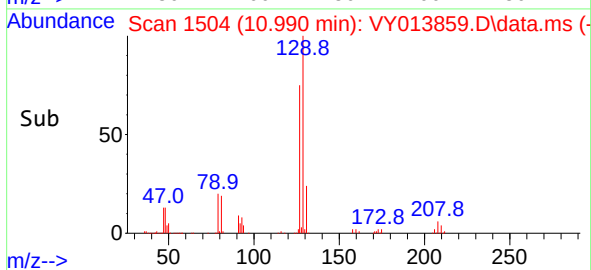
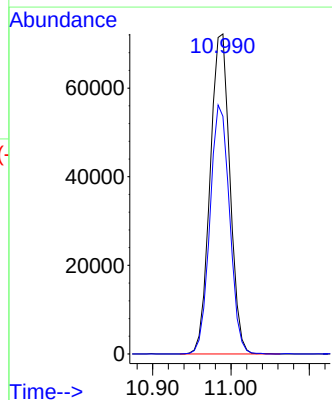
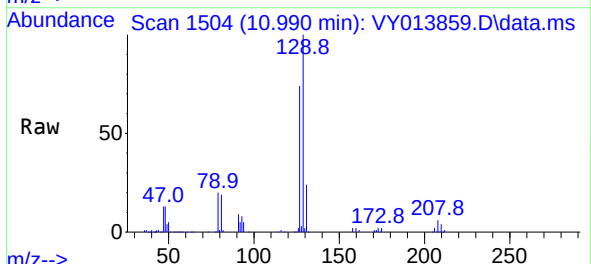
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

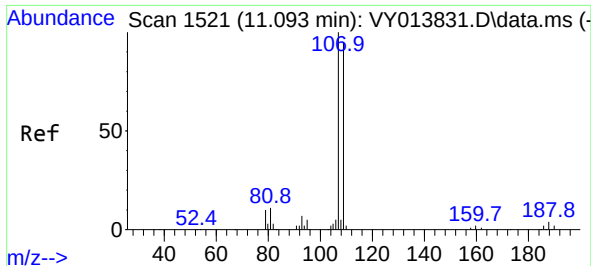
Tgt Ion: 43 Resp: 367892
Ion Ratio Lower Upper
43 100
58 49.6 24.8 74.3



#60
Dibromochloromethane
Concen: 54.587 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

Tgt Ion:129 Resp: 126698
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0

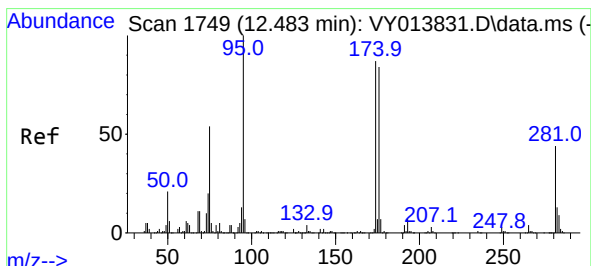
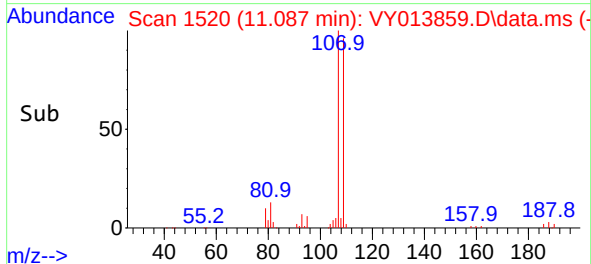
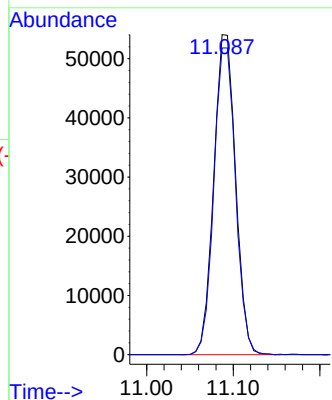
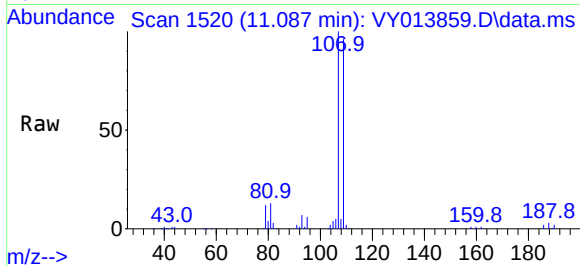




#61
1,2-Dibromoethane
Concen: 54.301 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

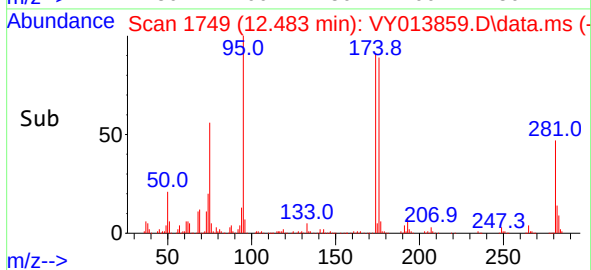
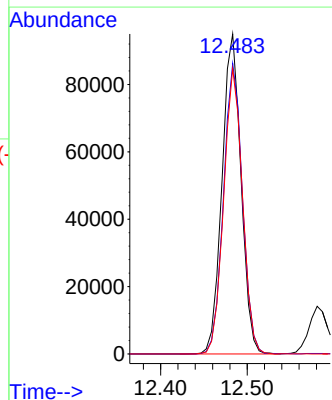
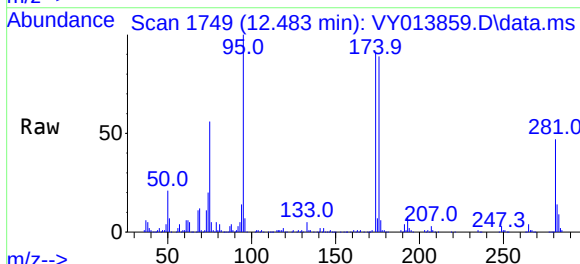
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

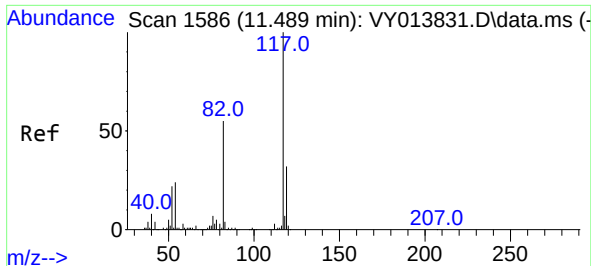
Tgt Ion:107 Resp: 94782
Ion Ratio Lower Upper
107 100
109 95.4 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 53.695 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

Tgt Ion: 95 Resp: 144148
Ion Ratio Lower Upper
95 100
174 90.4 0.0 176.0
176 88.3 0.0 170.2

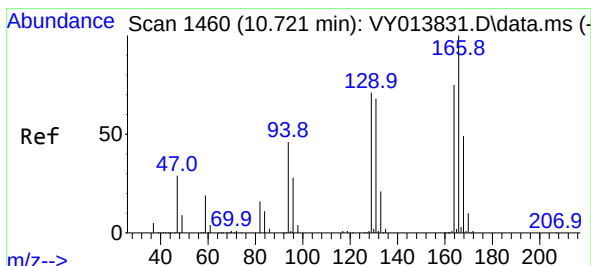
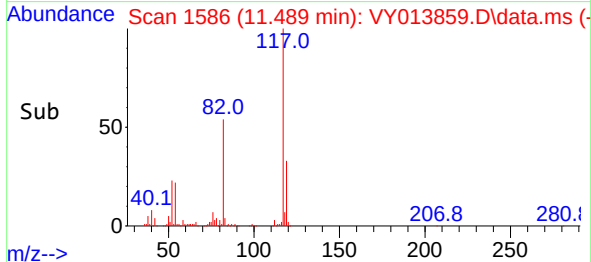
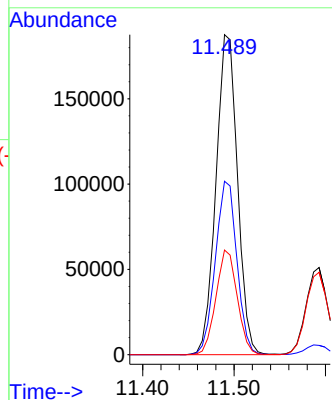
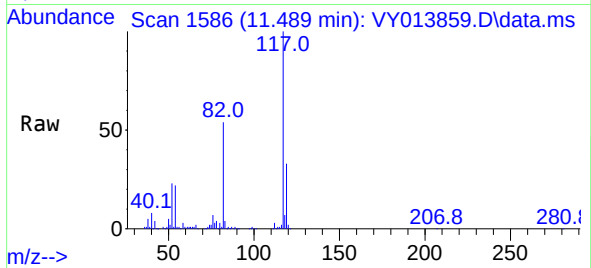




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

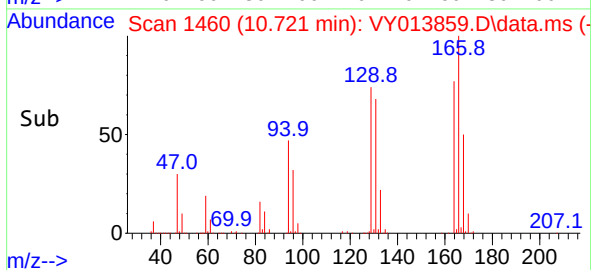
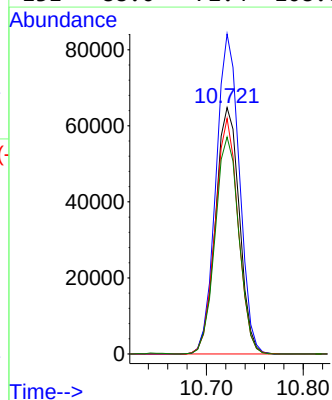
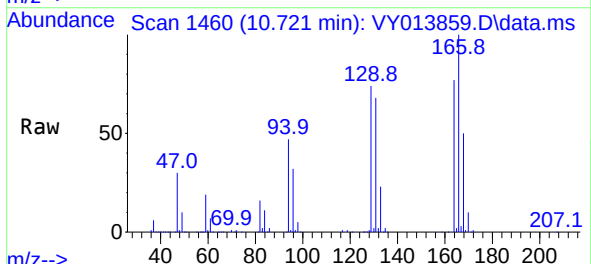
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

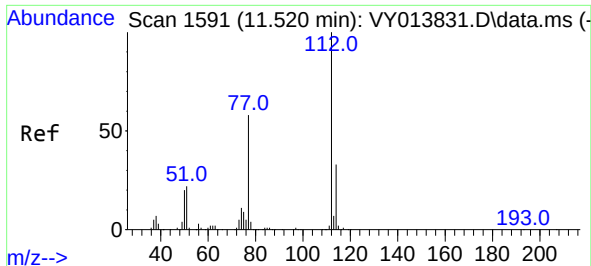
Tgt Ion:117 Resp: 307434
Ion Ratio Lower Upper
117 100
82 54.2 44.2 66.4
119 32.7 25.7 38.5



#64
Tetrachloroethene
Concen: 48.697 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

Tgt Ion:164 Resp: 110770
Ion Ratio Lower Upper
164 100
166 129.9 106.2 159.2
129 95.6 75.4 113.0
131 88.0 72.4 108.6

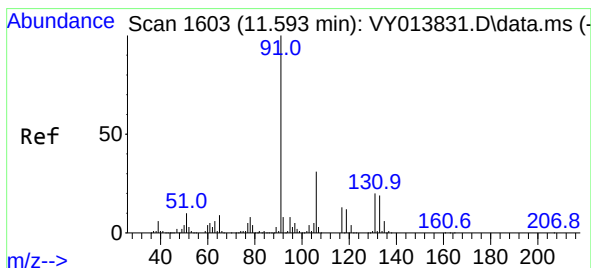
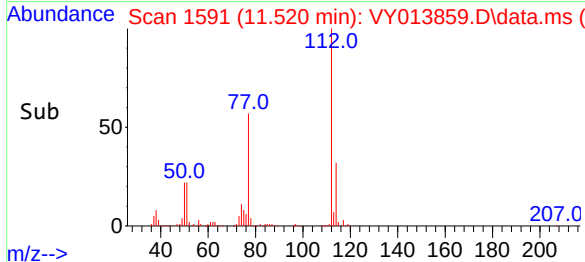
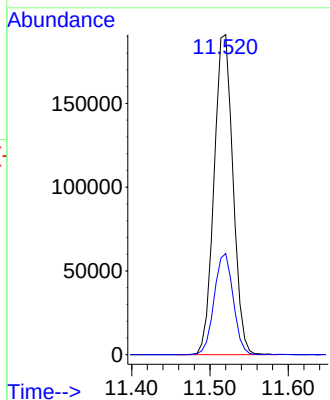
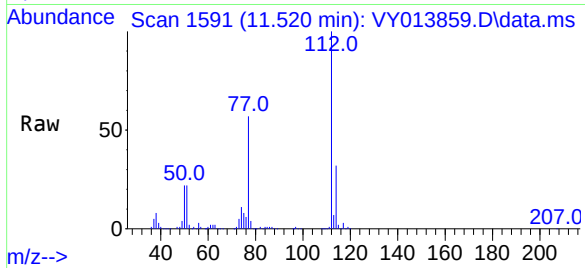




#65
Chlorobenzene
Concen: 49.848 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

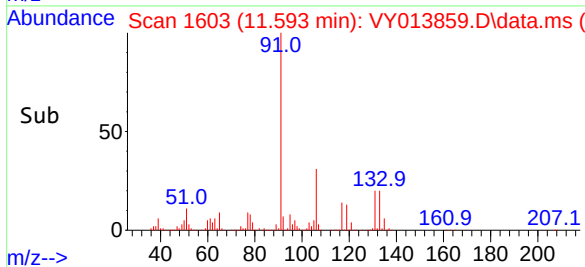
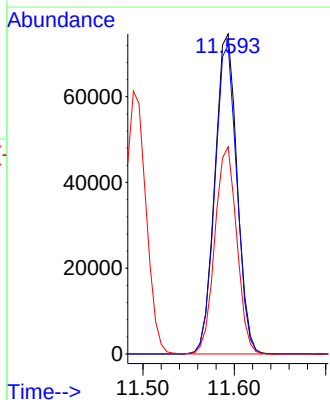
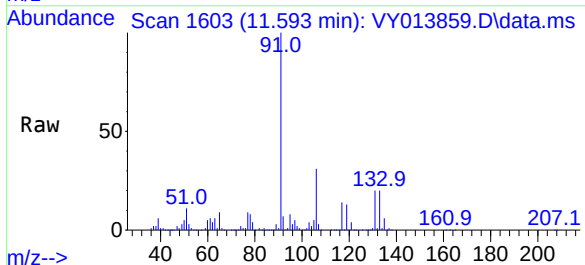
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

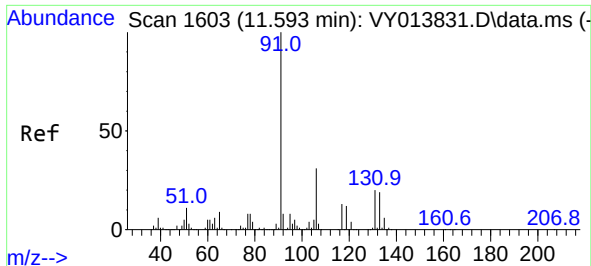
Tgt Ion:112 Resp: 321196
Ion Ratio Lower Upper
112 100
114 31.6 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 50.675 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

Tgt Ion:131 Resp: 126024
Ion Ratio Lower Upper
131 100
133 95.6 47.9 143.7
119 63.9 32.1 96.5





#67

Ethyl Benzene

Concen: 48.674 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013859.D

Acq: 24 May 2023 20:15

Instrument :

MSVOA_Y

ClientSampleId :

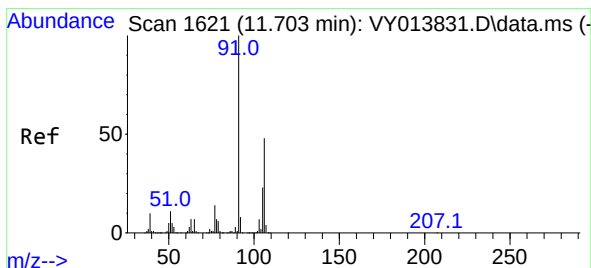
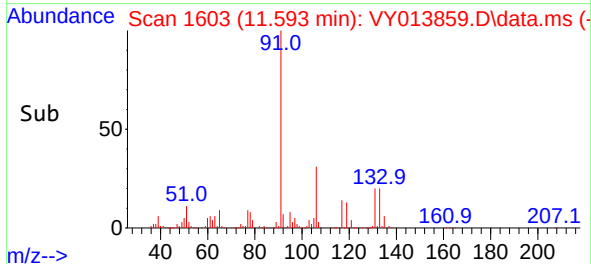
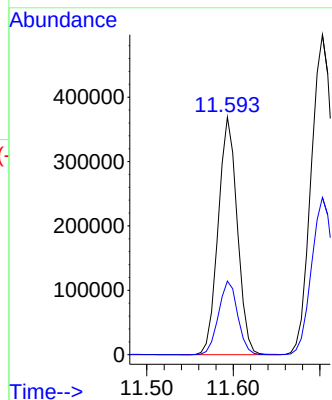
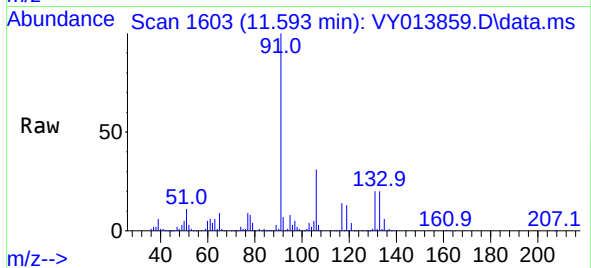
VSTDCCC050EC

Tgt Ion: 91 Resp: 564397

Ion Ratio Lower Upper

91 100

106 31.0 24.7 37.1



#68

m/p-Xylenes

Concen: 98.978 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY013859.D

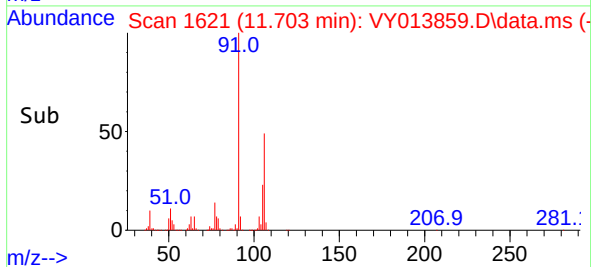
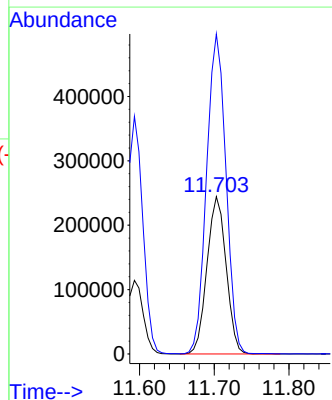
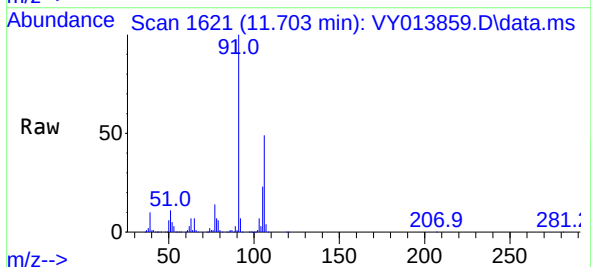
Acq: 24 May 2023 20:15

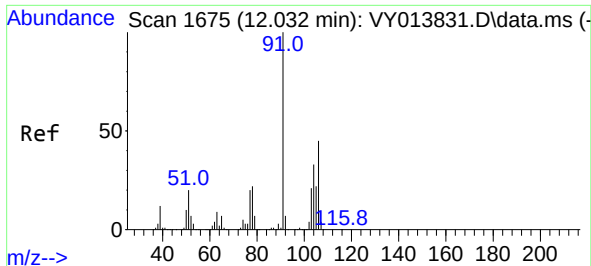
Tgt Ion:106 Resp: 434334

Ion Ratio Lower Upper

106 100

91 205.7 164.9 247.3

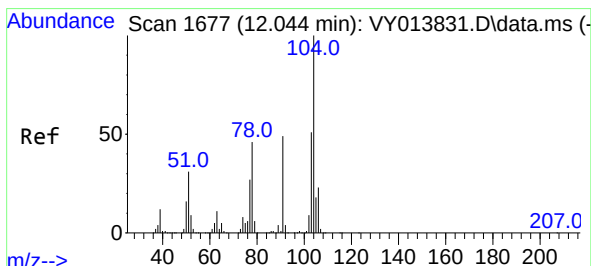
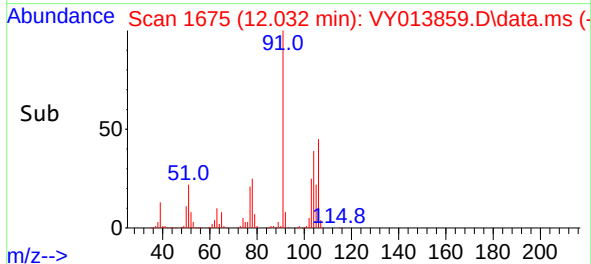
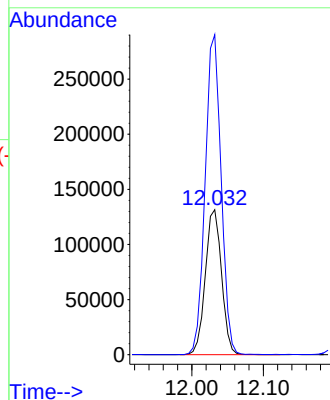
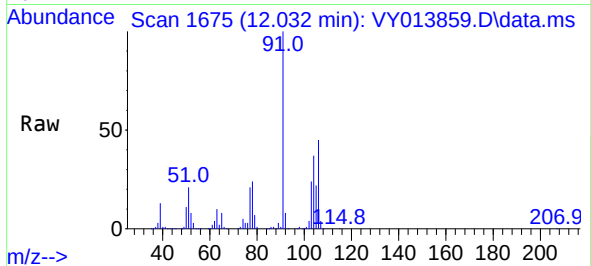




#69
o-Xylene
Concen: 50.180 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

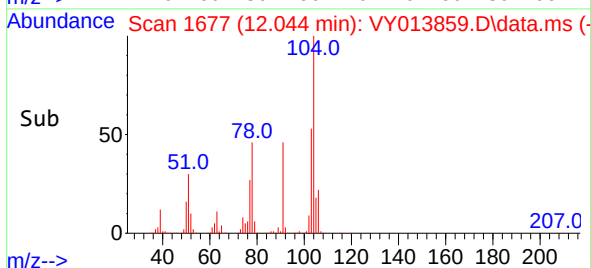
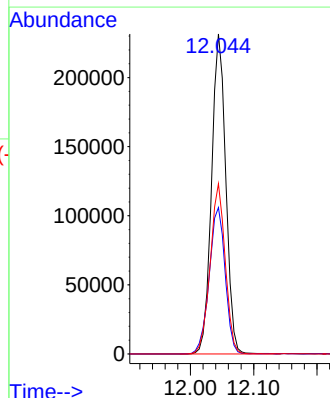
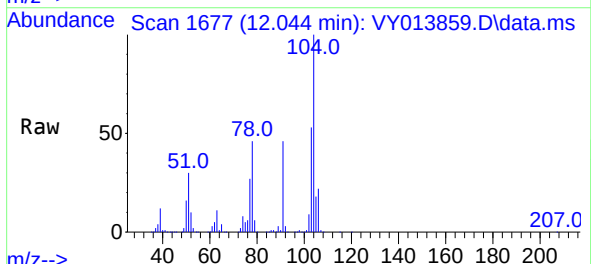
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

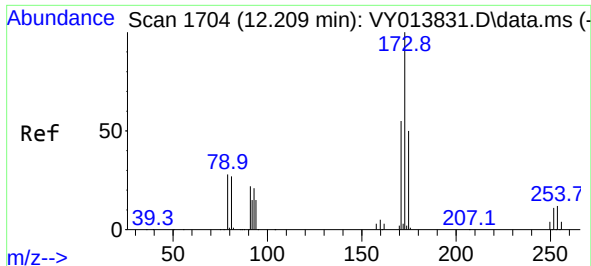
Tgt Ion:106 Resp: 207418
Ion Ratio Lower Upper
106 100
91 217.4 109.0 327.0



#70
Styrene
Concen: 51.707 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

Tgt Ion:104 Resp: 362039
Ion Ratio Lower Upper
104 100
78 51.2 40.8 61.2
103 56.4 44.2 66.4

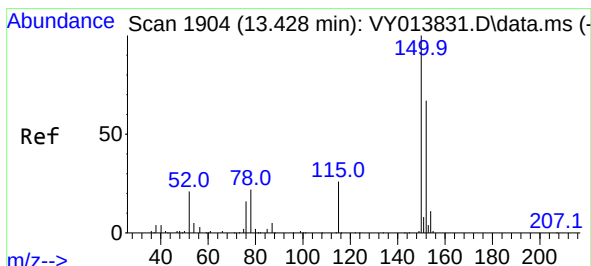
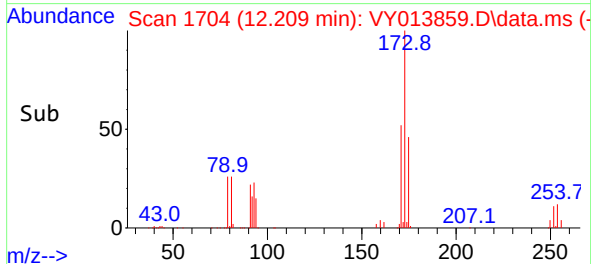
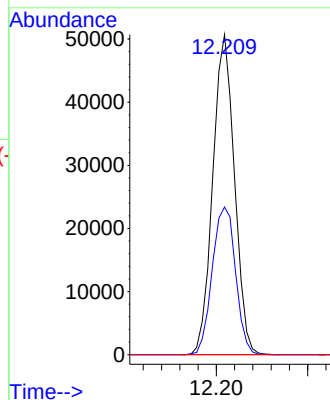
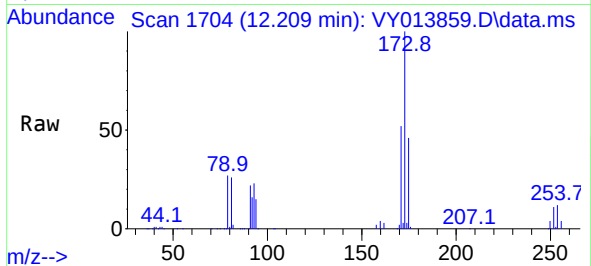




#71
Bromoform
Concen: 51.482 ug/l
RT: 12.209 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

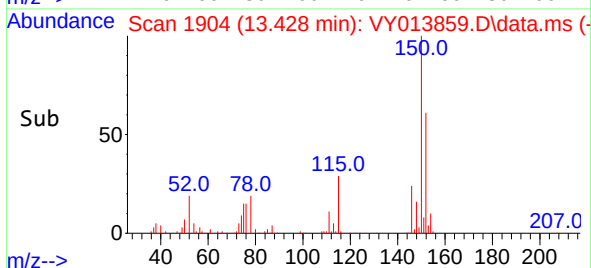
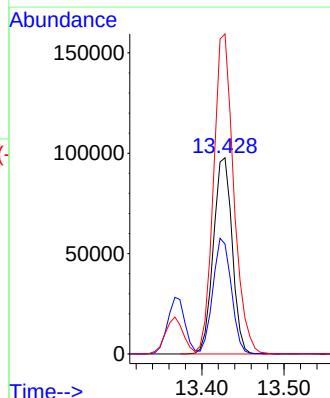
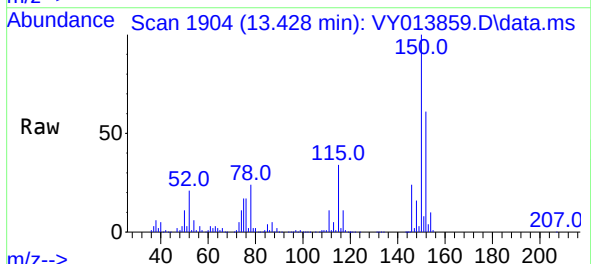
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

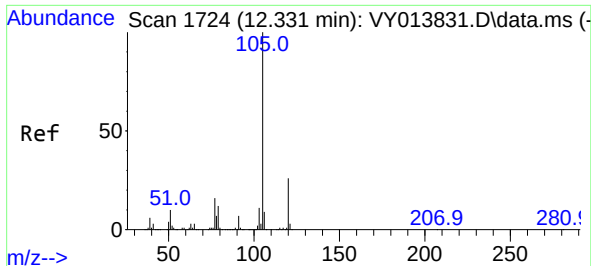
Tgt Ion:173 Resp: 83679
Ion Ratio Lower Upper
173 100
175 49.6 25.1 75.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

Tgt Ion:152 Resp: 155321
Ion Ratio Lower Upper
152 100
115 57.9 28.8 86.5
150 175.4 0.0 353.4

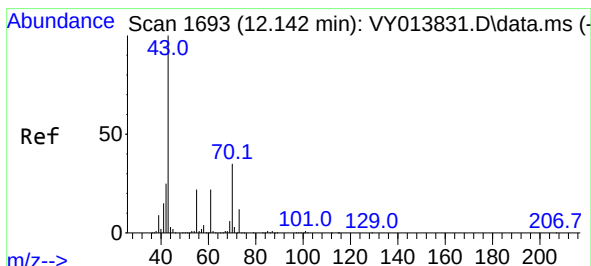
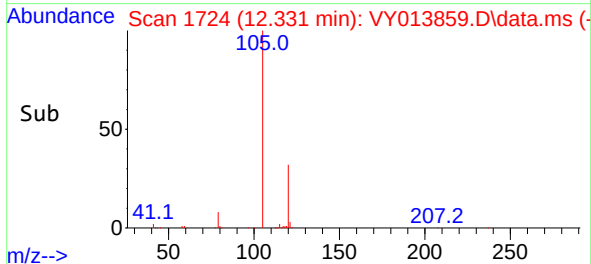
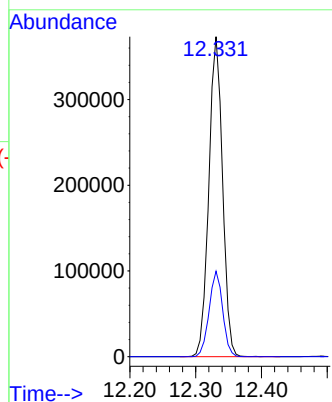
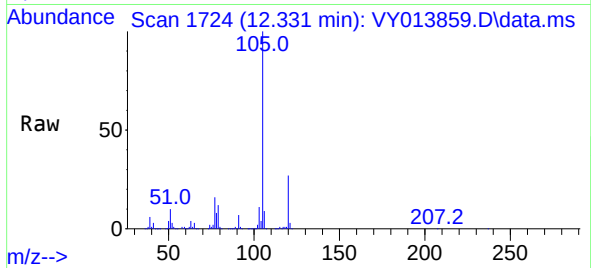




#73
Isopropylbenzene
Concen: 46.760 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

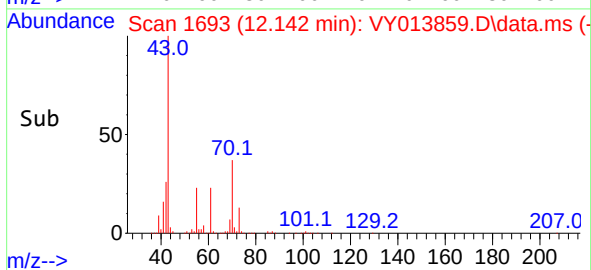
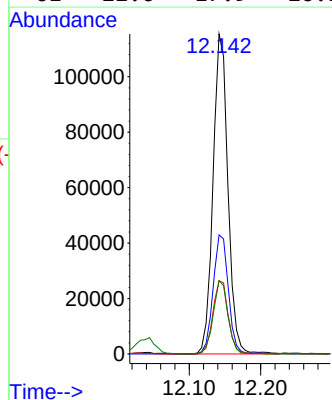
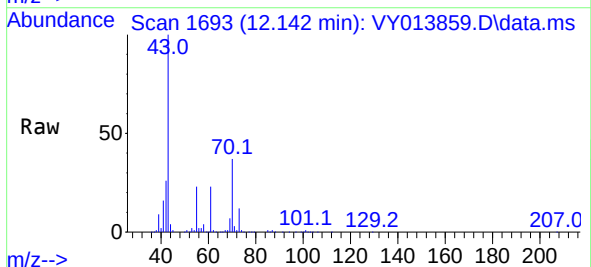
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

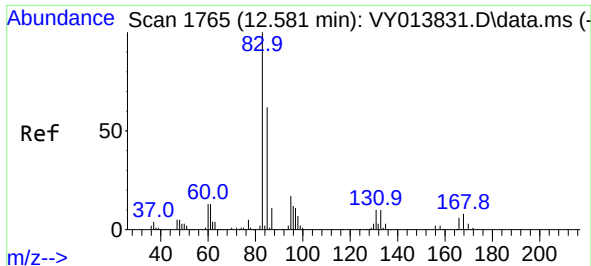
Tgt Ion:105 Resp: 540568
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.6



#74
N-ethyl acetate
Concen: 47.983 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

Tgt Ion: 43 Resp: 166773
Ion Ratio Lower Upper
43 100
70 38.3 29.3 43.9
55 23.5 18.0 27.0
61 22.6 17.9 26.9

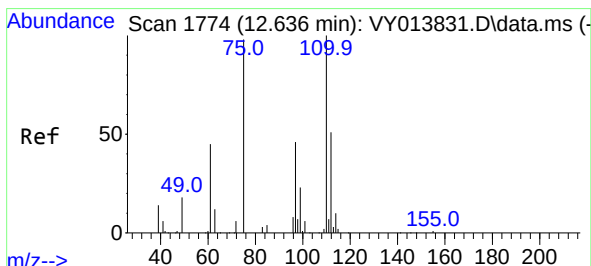
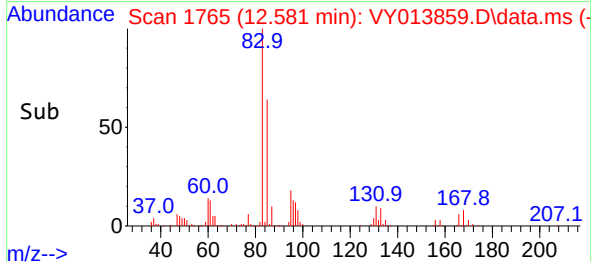
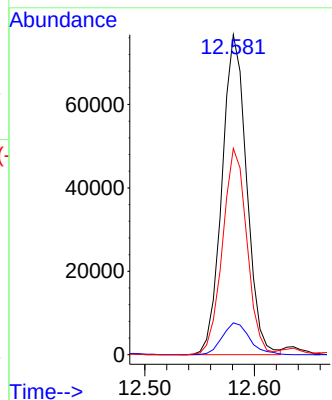
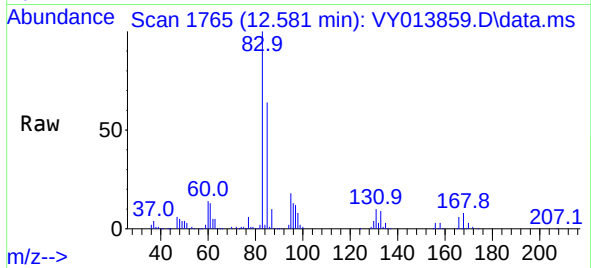




#75
1,1,2,2-Tetrachloroethane
Concen: 50.103 ug/l
RT: 12.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

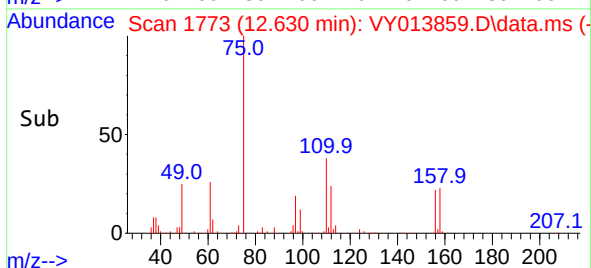
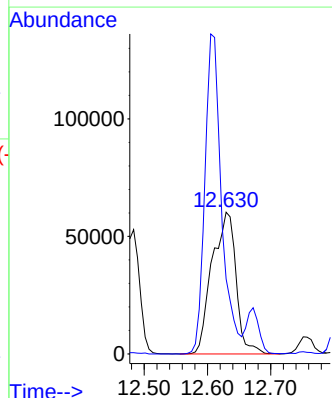
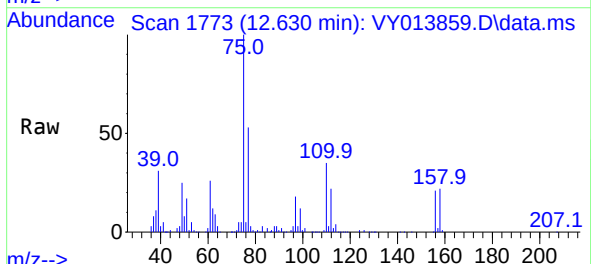
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

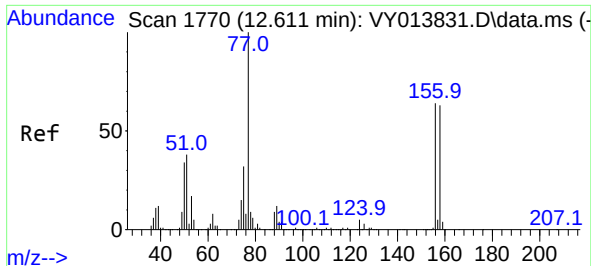
Tgt Ion: 83 Resp: 119903
Ion Ratio Lower Upper
83 100
131 11.0 5.3 16.1
85 63.7 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 86.918 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

Tgt Ion: 75 Resp: 159185
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

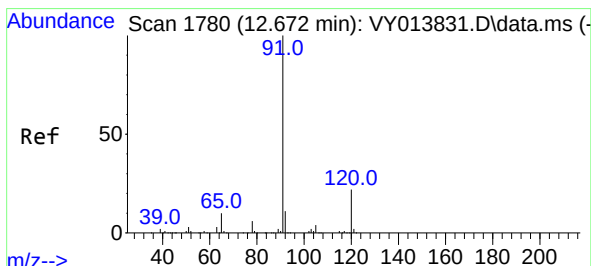
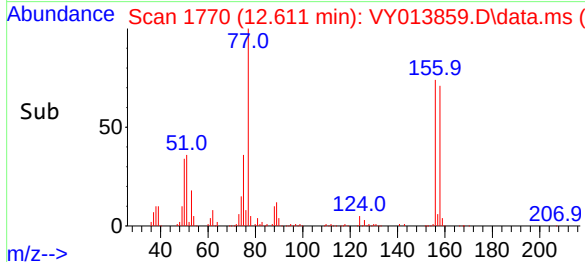
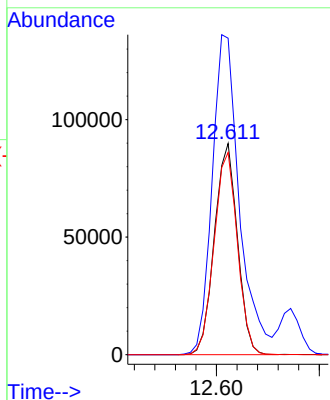
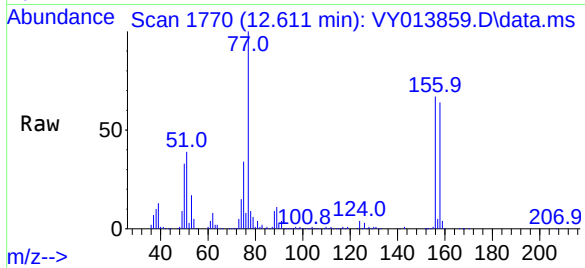




#77
Bromobenzene
Concen: 49.131 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

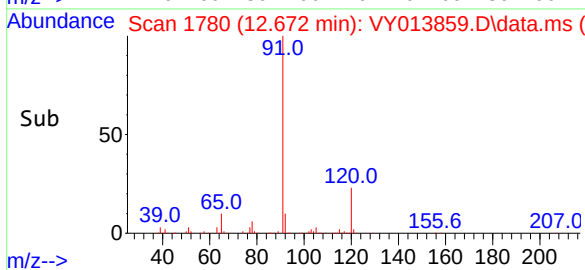
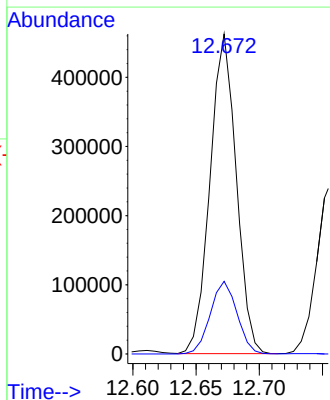
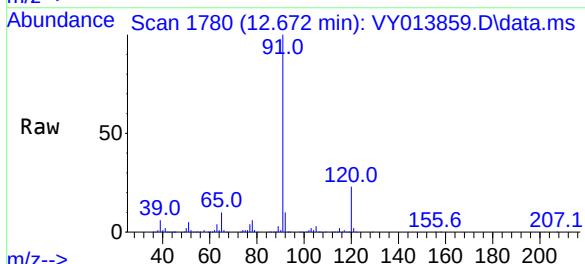
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

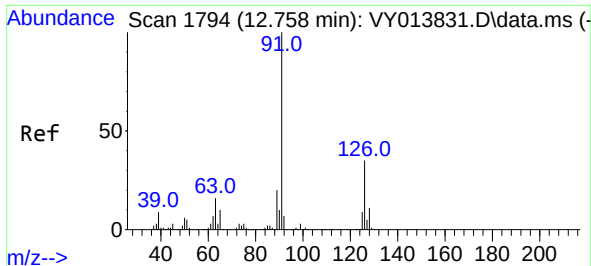
Tgt Ion:156 Resp: 139363
Ion Ratio Lower Upper
156 100
77 179.2 91.6 274.8
158 97.2 48.9 146.6



#78
n-propylbenzene
Concen: 46.636 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

Tgt Ion: 91 Resp: 666050
Ion Ratio Lower Upper
91 100
120 23.1 11.3 33.9

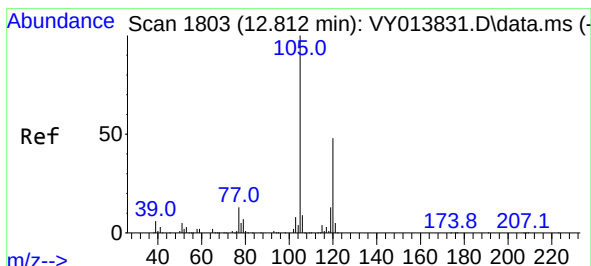
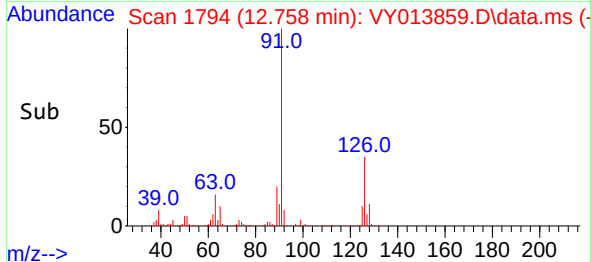
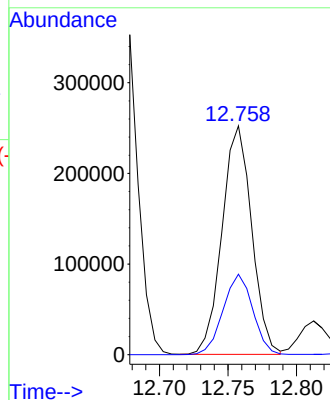
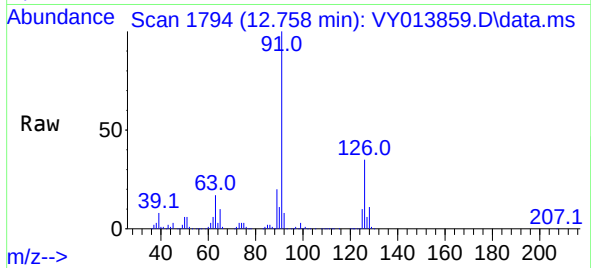




#79
2-Chlorotoluene
Concen: 47.608 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

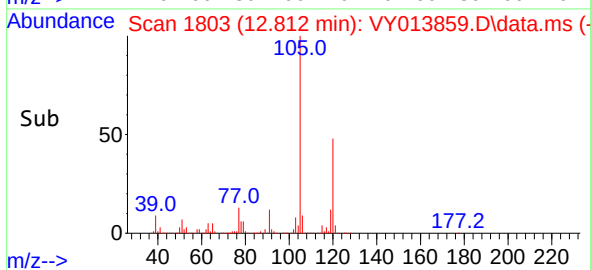
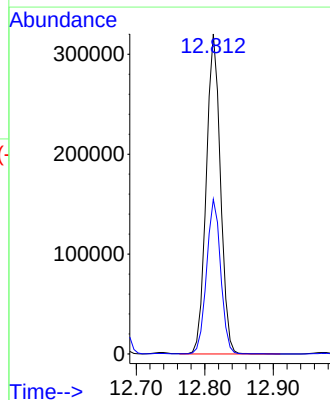
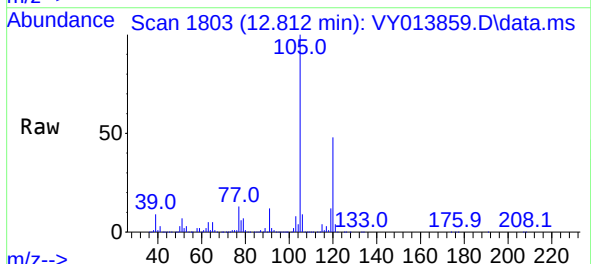
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

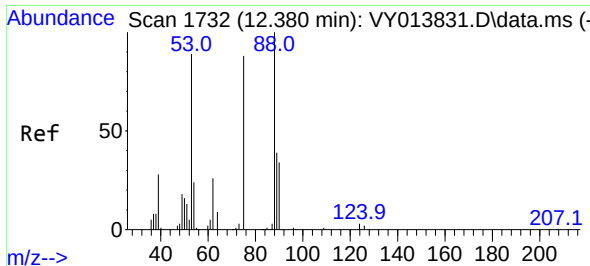
Tgt Ion: 91 Resp: 379792
Ion Ratio Lower Upper
91 100
126 35.3 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 48.343 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

Tgt Ion: 105 Resp: 461317
Ion Ratio Lower Upper
105 100
120 48.1 23.9 71.7

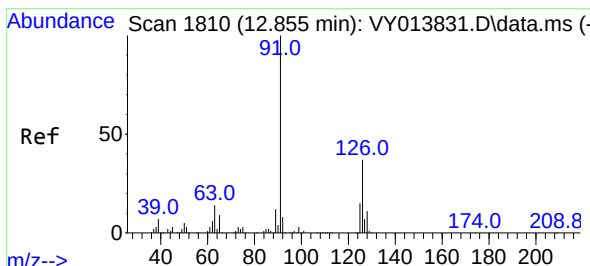
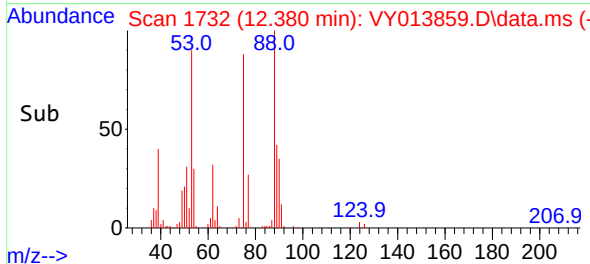
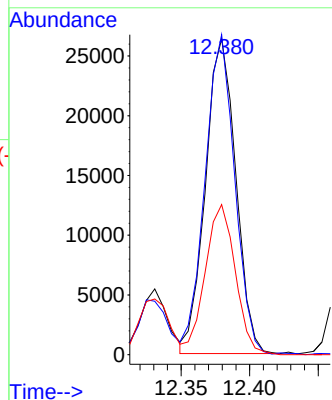
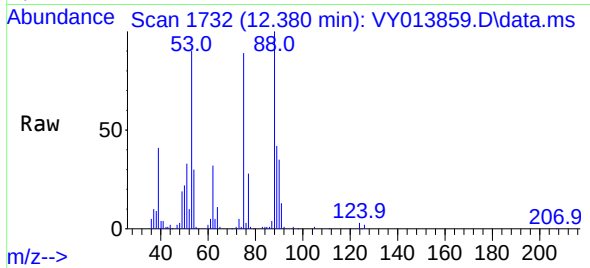




#81
trans-1,4-Dichloro-2-butene
Concen: 48.002 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

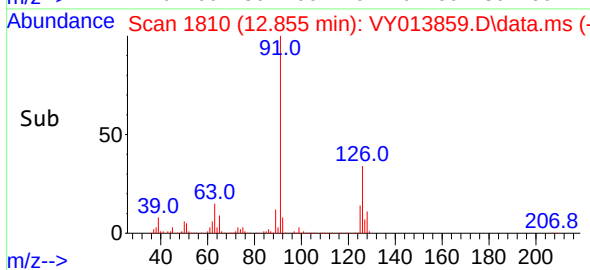
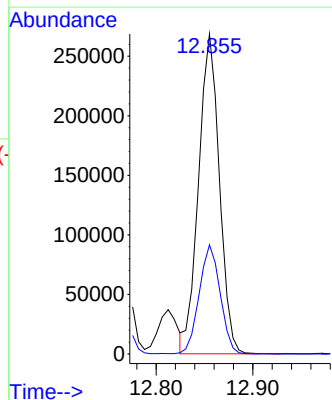
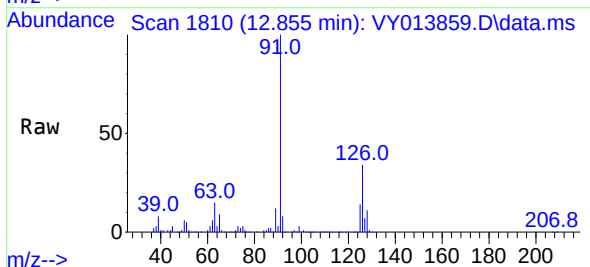
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

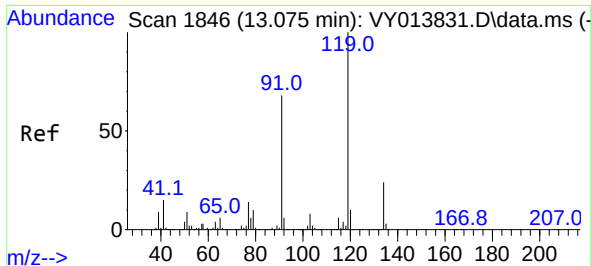
Tgt Ion: 75 Resp: 40500
Ion Ratio Lower Upper
75 100
53 100.2 79.7 119.5
89 47.5 36.4 54.6



#82
4-Chlorotoluene
Concen: 48.715 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

Tgt Ion: 91 Resp: 401671
Ion Ratio Lower Upper
91 100
126 34.4 17.9 53.7

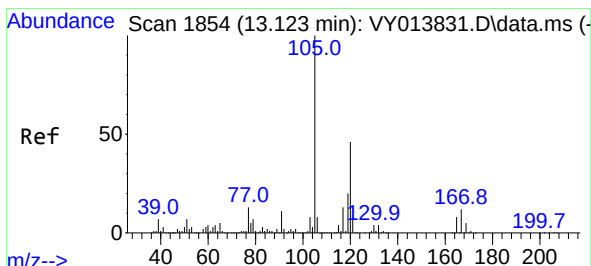
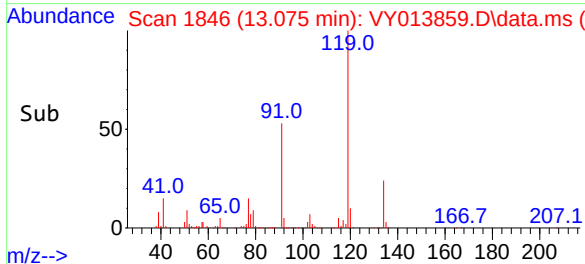
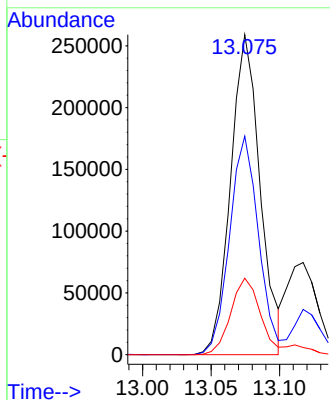
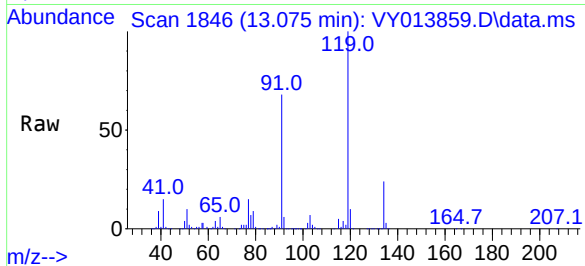




#83
tert-Butylbenzene
Concen: 46.894 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

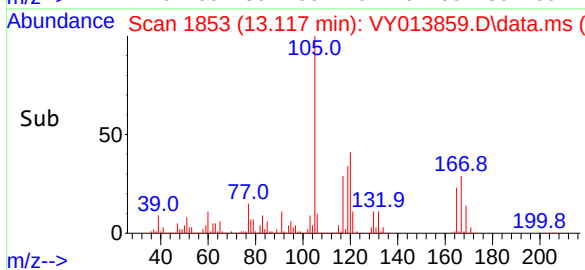
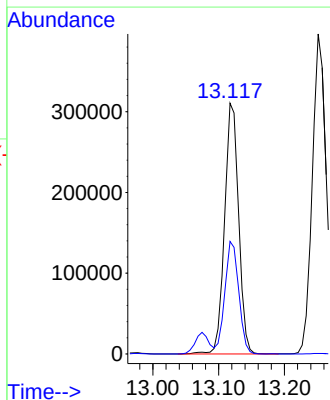
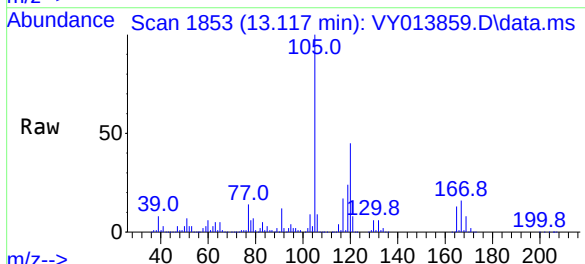
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

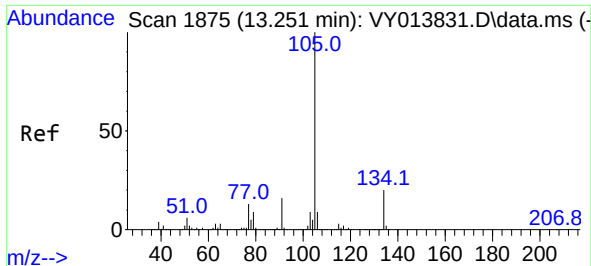
Tgt Ion:119 Resp: 389744
Ion Ratio Lower Upper
119 100
91 66.7 33.7 101.0
134 24.3 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 49.381 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

Tgt Ion:105 Resp: 462558
Ion Ratio Lower Upper
105 100
120 44.2 22.4 67.3

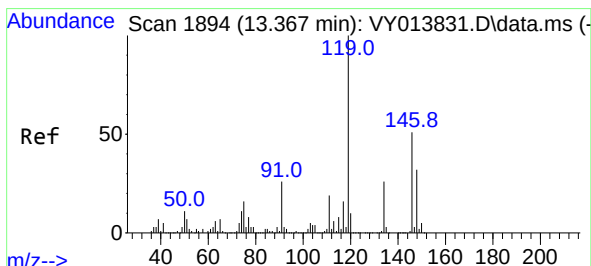
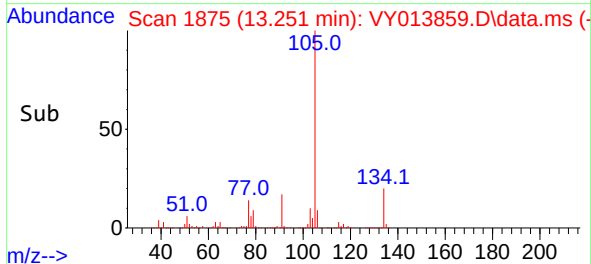
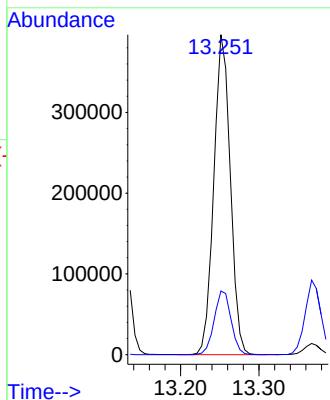
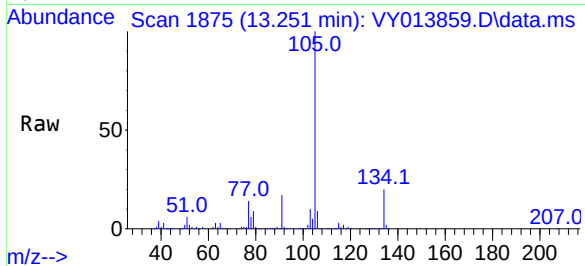




#85
 sec-Butylbenzene
 Concen: 46.943 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013859.D
 Acq: 24 May 2023 20:15

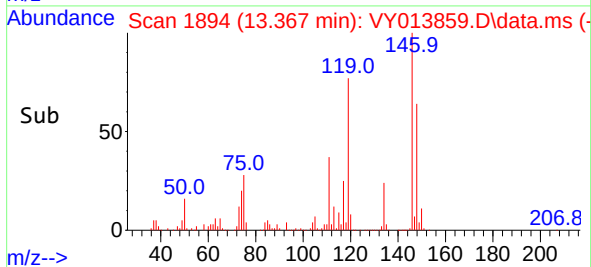
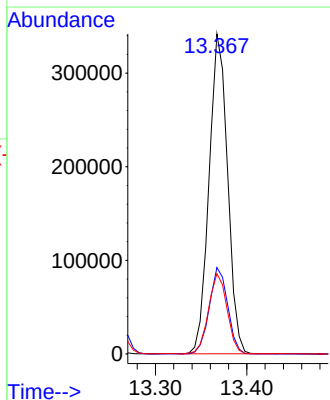
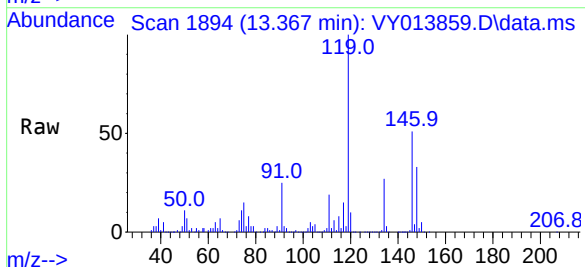
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

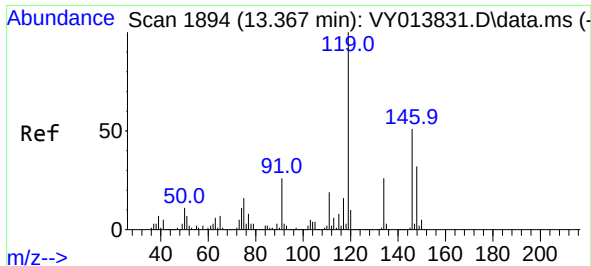
Tgt Ion:105 Resp: 579562
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 47.024 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013859.D
 Acq: 24 May 2023 20:15

Tgt Ion:119 Resp: 479836
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.9
 91 25.0 12.4 37.4

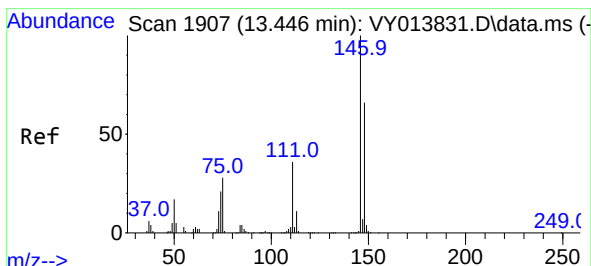
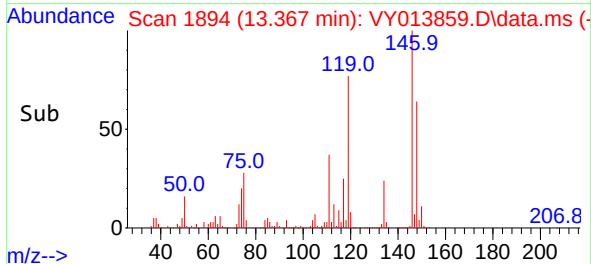
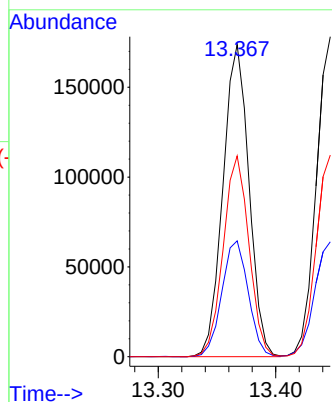
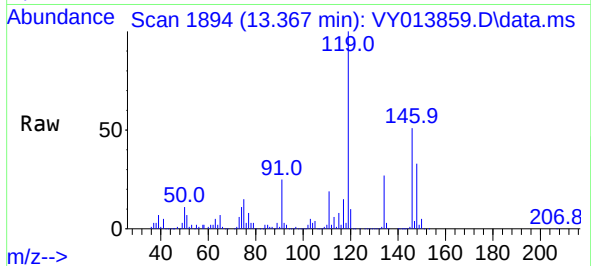




#87
1,3-Dichlorobenzene
Concen: 48.739 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

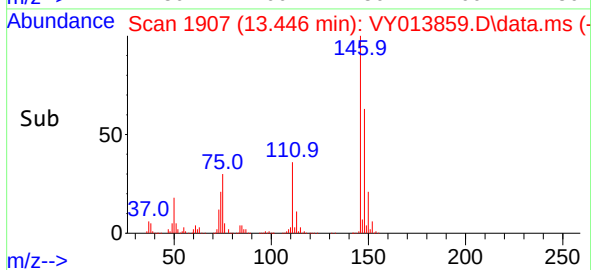
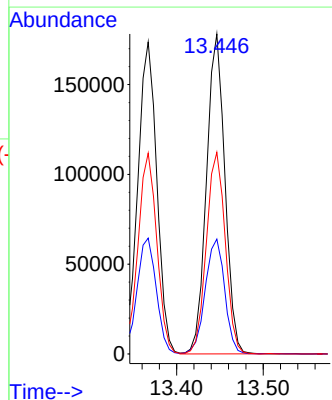
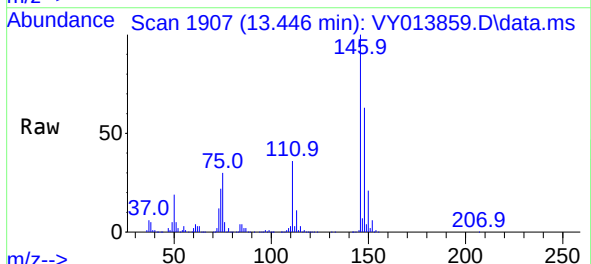
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

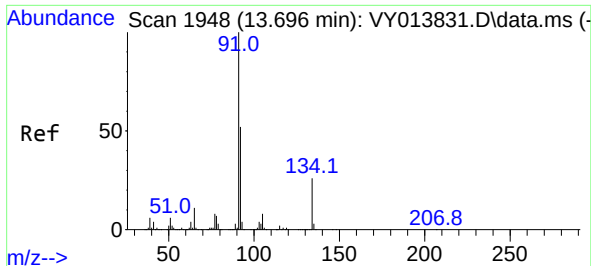
Tgt Ion:146 Resp: 267024
Ion Ratio Lower Upper
146 100
111 37.7 19.1 57.5
148 63.8 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 48.223 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

Tgt Ion:146 Resp: 263026
Ion Ratio Lower Upper
146 100
111 37.9 18.6 55.8
148 64.8 32.4 97.2

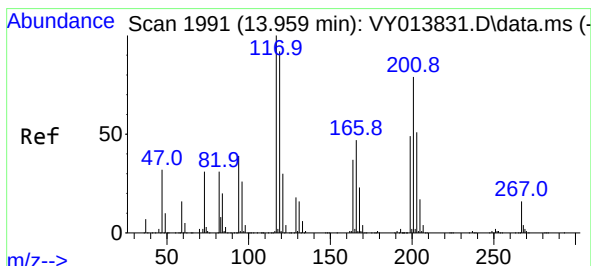
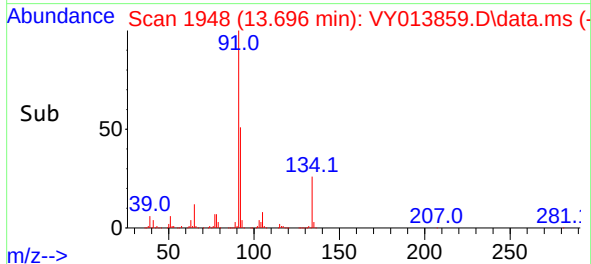
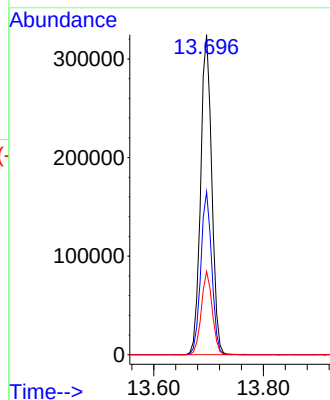
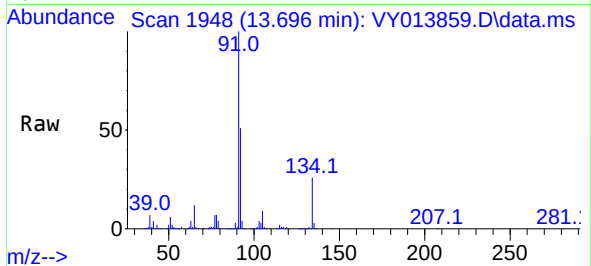




#89
n-Butylbenzene
Concen: 46.802 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

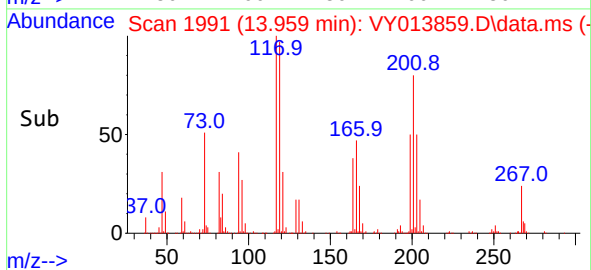
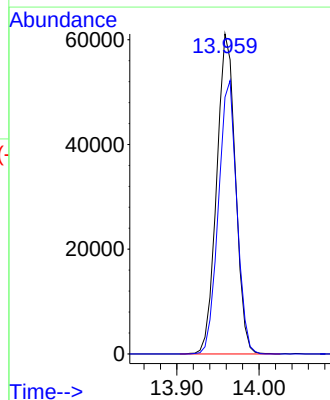
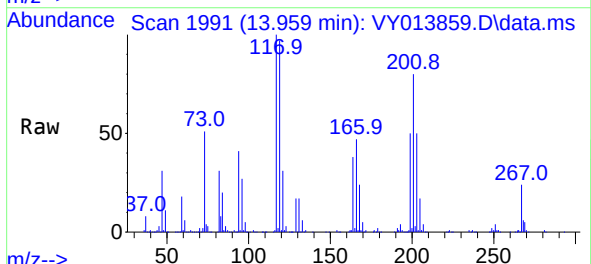
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

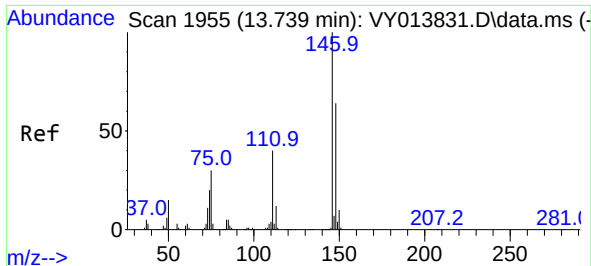
Tgt Ion: 91 Resp: 457978
Ion Ratio Lower Upper
91 100
92 50.1 25.6 76.6
134 25.6 13.0 38.9



#90
Hexachloroethane
Concen: 46.297 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

Tgt Ion: 117 Resp: 96996
Ion Ratio Lower Upper
117 100
201 83.7 42.3 126.8





#91

1,2-Dichlorobenzene

Concen: 48.971 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013859.D

Acq: 24 May 2023 20:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

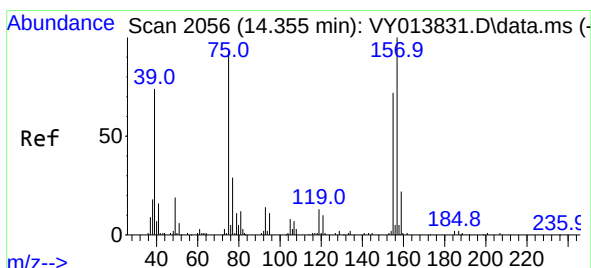
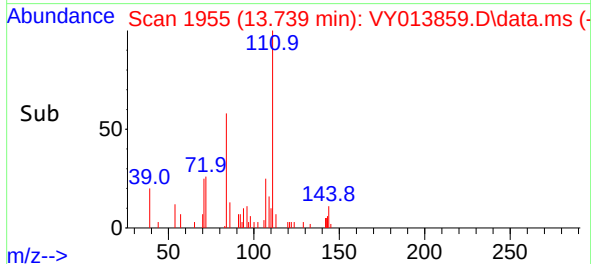
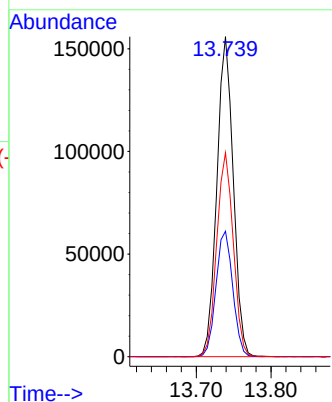
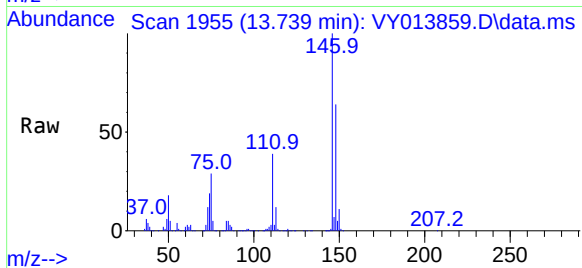
Tgt Ion:146 Resp: 238436

Ion Ratio Lower Upper

146 100

111 40.1 19.6 58.8

148 64.3 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.854 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY013859.D

Acq: 24 May 2023 20:15

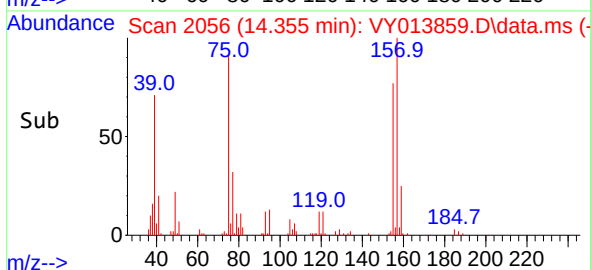
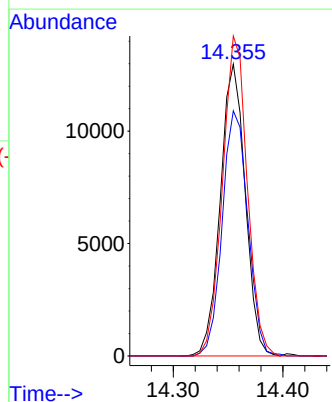
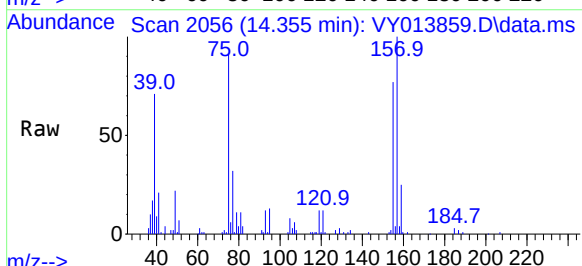
Tgt Ion: 75 Resp: 20483

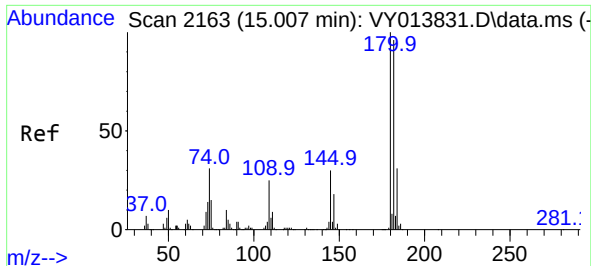
Ion Ratio Lower Upper

75 100

155 86.2 39.9 119.6

157 109.1 54.6 163.8

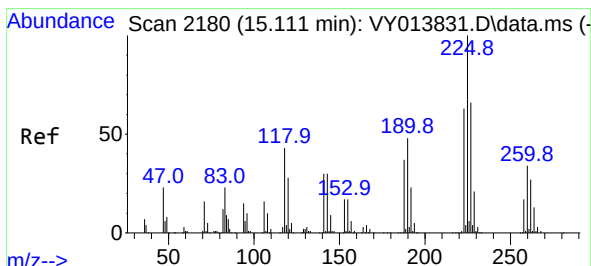
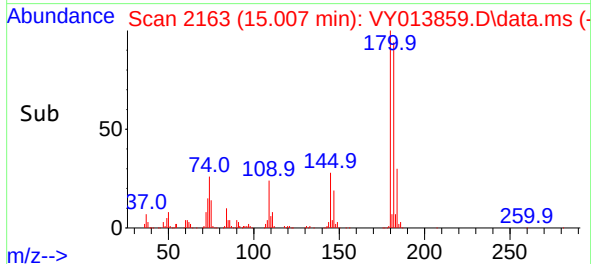
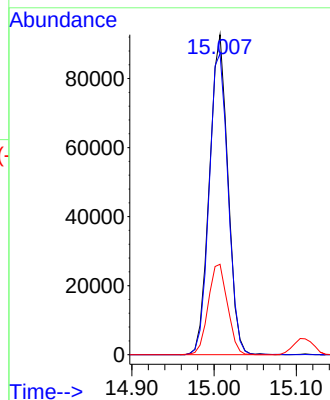
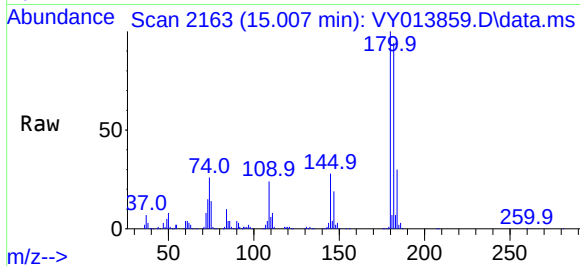




#93
1,2,4-Trichlorobenzene
Concen: 47.825 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

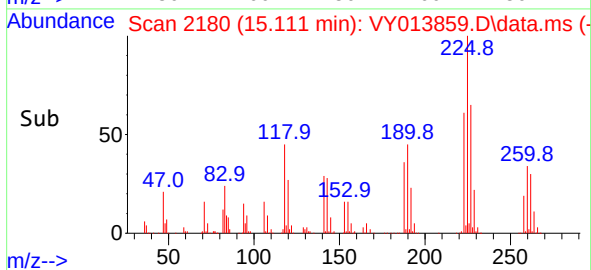
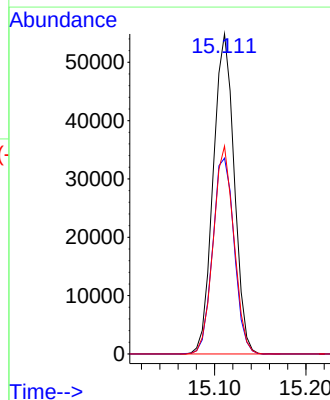
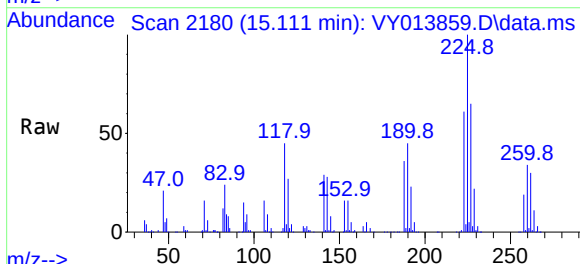
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

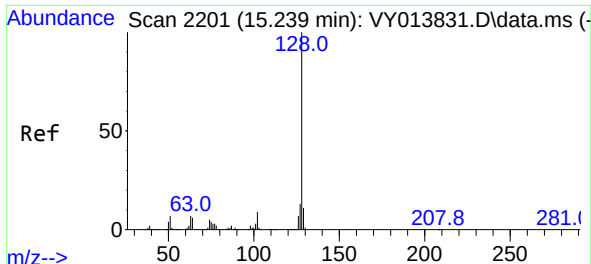
Tgt Ion:180 Resp: 144357
Ion Ratio Lower Upper
180 100
182 96.6 48.1 144.3
145 29.5 14.8 44.4



#94
Hexachlorobutadiene
Concen: 46.007 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

Tgt Ion:225 Resp: 87559
Ion Ratio Lower Upper
225 100
223 62.6 31.3 93.9
227 63.7 32.9 98.6

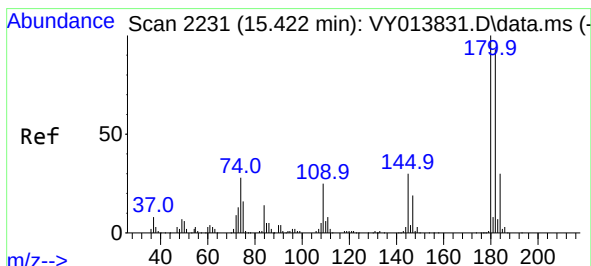
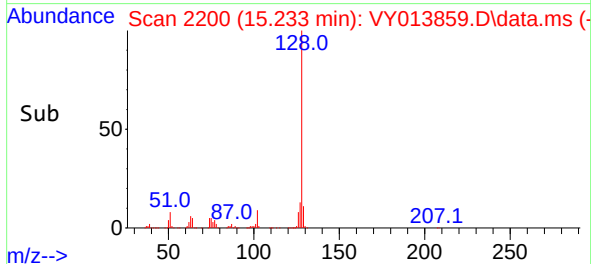
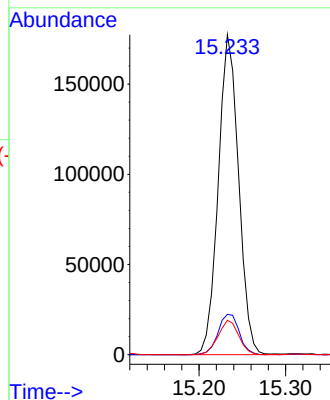
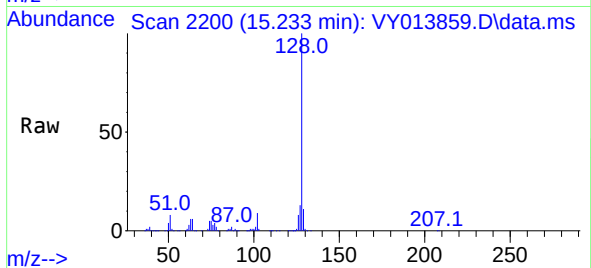




#95
Naphthalene
Concen: 44.244 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 289476
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 10.9 9.0 13.4



#96
1,2,3-Trichlorobenzene
Concen: 48.155 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY013859.D
Acq: 24 May 2023 20:15

Tgt Ion:180 Resp: 129262
Ion Ratio Lower Upper
180 100
182 96.6 47.4 142.2
145 32.0 15.5 46.5

