

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121422\
 Data File : VY011859.D
 Acq On : 14 Dec 2022 20:28
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 15 01:24:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	193172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	299160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	278251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	141279	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	67670	51.478	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.960%	
35) Dibromofluoromethane	7.716	113	70816	53.556	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.120%	
50) Toluene-d8	10.179	98	214284	49.046	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.100%	
62) 4-Bromofluorobenzene	12.483	95	93850	54.522	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.040%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	41256	47.903	ug/l	99
3) Chloromethane	2.113	50	55821	54.410	ug/l	96
4) Vinyl Chloride	2.253	62	62176	50.405	ug/l	97
5) Bromomethane	2.650	94	46170	56.193	ug/l	98
6) Chloroethane	2.796	64	46353	48.390	ug/l	98
7) Trichlorofluoromethane	3.125	101	123284	46.427	ug/l	100
8) Diethyl Ether	3.534	74	49320	53.025	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	74737	47.147	ug/l	99
10) Methyl Iodide	4.094	142	92476	49.826	ug/l	97
11) Tert butyl alcohol	4.954	59	54617	346.726	ug/l	97
12) 1,1-Dichloroethene	3.869	96	69047	48.298	ug/l	98
13) Acrolein	3.729	56	70030	257.165	ug/l	98
14) Allyl chloride	4.479	41	121702	51.249	ug/l	99
15) Acrylonitrile	5.161	53	154354	309.179	ug/l	100
16) Acetone	3.942	43	131275	248.880	ug/l	96
17) Carbon Disulfide	4.198	76	147952	45.317	ug/l	100
18) Methyl Acetate	4.479	43	72923	58.352	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	260614	58.222	ug/l	99
20) Methylene Chloride	4.716	84	115734	63.187	ug/l	99
21) trans-1,2-Dichloroethene	5.216	96	80192	49.908	ug/l	96
22) Diisopropyl ether	6.119	45	294105	56.765	ug/l	98
23) Vinyl Acetate	6.058	43	919115	310.956	ug/l	100
24) 1,1-Dichloroethane	6.021	63	164151	52.138	ug/l	100
25) 2-Butanone	6.984	43	200072	294.883	ug/l	98
26) 2,2-Dichloropropane	6.984	77	145805	49.223	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	105944	53.948	ug/l	99
28) Bromochloromethane	7.332	49	63833	55.690	ug/l	100
29) Tetrahydrofuran	7.344	42	125973	326.210	ug/l	100
30) Chloroform	7.508	83	186107	55.292	ug/l	99
31) Cyclohexane	7.783	56	114420	50.914	ug/l	99
32) 1,1,1-Trichloroethane	7.704	97	155290	51.732	ug/l	99
36) 1,1-Dichloropropene	7.917	75	114884	50.606	ug/l	99
37) Ethyl Acetate	7.076	43	82905	62.465	ug/l	99
38) Carbon Tetrachloride	7.899	117	138528	51.948	ug/l	99
39) Methylcyclohexane	9.185	83	123434	48.323	ug/l	99
40) Benzene	8.161	78	359720	53.041	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	116900	174.477	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	119836	57.140	ug/l	99
43) Isopropyl Acetate	8.271	43	148085	61.532	ug/l	98
44) Trichloroethene	8.941	130	100206	52.757	ug/l	99
45) 1,2-Dichloropropane	9.216	63	96304	54.865	ug/l	97
46) Dibromomethane	9.307	93	56944	57.954	ug/l	100
47) Bromodichloromethane	9.496	83	144745	57.022	ug/l	99
48) Methyl methacrylate	9.295	41	67089	63.241	ug/l	99
49) 1,4-Dioxane	9.301	88	18189	1336.255	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	443835	334.698	ug/l	99
52) Toluene	10.246	92	235224	54.558	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	143922	56.763	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	159112	55.853	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	86765	59.745	ug/l	98
56) Ethyl methacrylate	10.508	69	117469	62.660	ug/l	99
57) 1,3-Dichloropropane	10.788	76	143034	59.086	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	268081	308.385	ug/l	99
59) 2-Hexanone	10.831	43	314891	332.351	ug/l	100
60) Dibromochloromethane	10.983	129	108552	59.679	ug/l	99
61) 1,2-Dibromoethane	11.087	107	77826	59.154	ug/l	100
64) Tetrachloroethene	10.721	164	104771	53.220	ug/l	96
65) Chlorobenzene	11.514	112	263733	52.603	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	108284	55.673	ug/l	100
67) Ethyl Benzene	11.593	91	459372	52.000	ug/l	100
68) m/p-Xylenes	11.703	106	354572	104.806	ug/l	99
69) o-Xylene	12.032	106	176329	54.680	ug/l	98
70) Styrene	12.044	104	304419	55.310	ug/l	99
71) Bromoform	12.209	173	72242	60.217	ug/l #	100
73) Isopropylbenzene	12.331	105	467467	51.070	ug/l	100
74) N-amyl acetate	12.142	43	127292	57.840	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	102771	57.651	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	138365	96.801	ug/l #	100
77) Bromobenzene	12.611	156	114091	53.384	ug/l	99
78) n-propylbenzene	12.672	91	553586	50.466	ug/l	99
79) 2-Chlorotoluene	12.758	91	321523	51.358	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	402076	51.968	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	35941	57.058	ug/l	98
82) 4-Chlorotoluene	12.855	91	332940	51.274	ug/l	100
83) tert-Butylbenzene	13.075	119	351503	52.175	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	400548	52.580	ug/l	98
85) sec-Butylbenzene	13.251	105	509179	50.750	ug/l	99
86) p-Isopropyltoluene	13.367	119	429505	51.435	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	223924	52.064	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	220416	51.564	ug/l	100
89) n-Butylbenzene	13.696	91	388498	51.178	ug/l	100
90) Hexachloroethane	13.959	117	82889	49.954	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	208080	53.763	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	18722	60.239	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	122635	54.327	ug/l	99
94) Hexachlorobutadiene	15.111	225	72039	50.227	ug/l	99
95) Naphthalene	15.239	128	276189	63.171	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	109328	56.071	ug/l	99

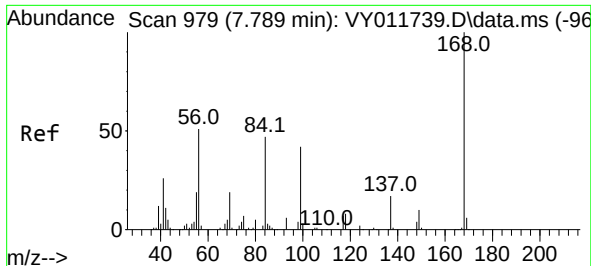
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121422\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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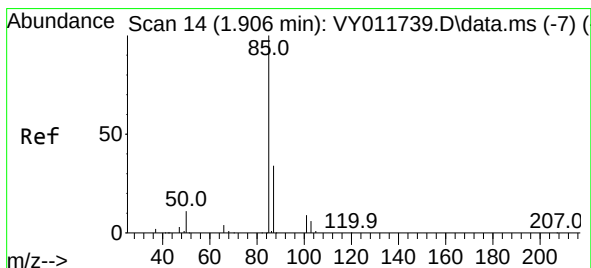
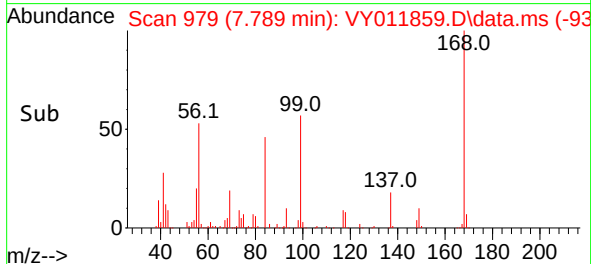
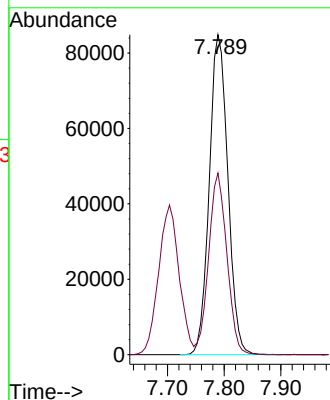
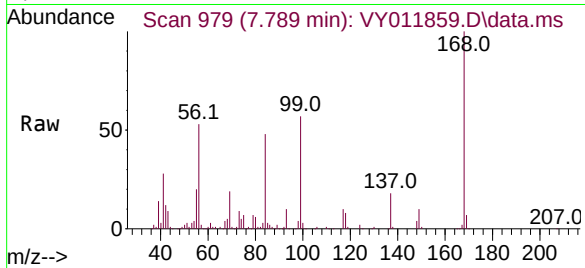
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

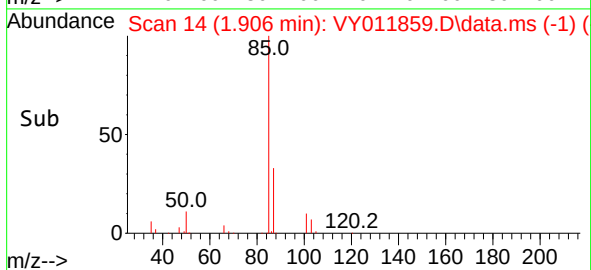
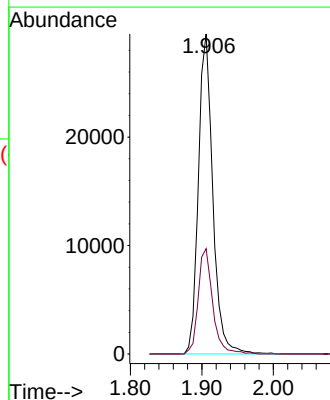
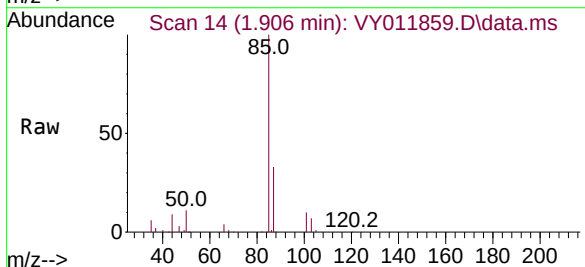
Instrument :
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VSTDCCC050EC

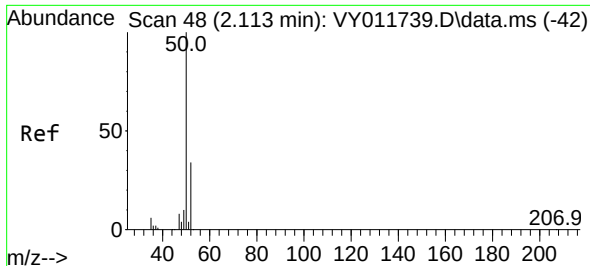
Tgt Ion:168 Resp: 193172
Ion Ratio Lower Upper
168 100
99 56.8 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 47.903 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

Tgt Ion: 85 Resp: 41256
Ion Ratio Lower Upper
85 100
87 32.9 16.8 50.4

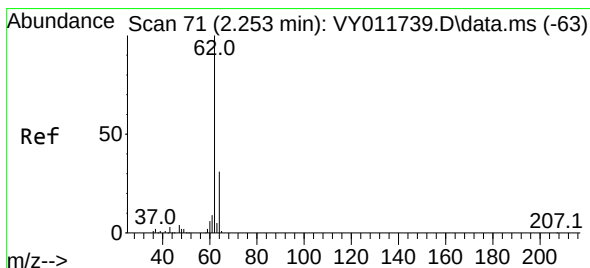
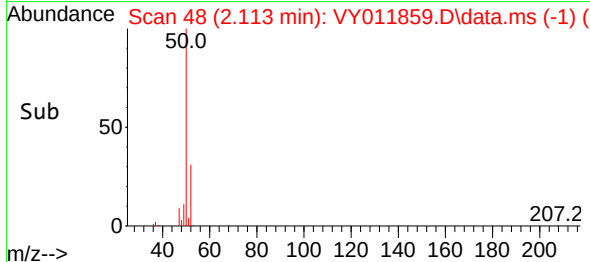
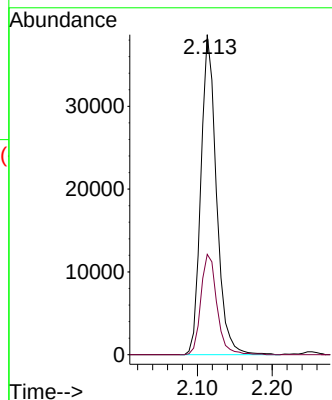
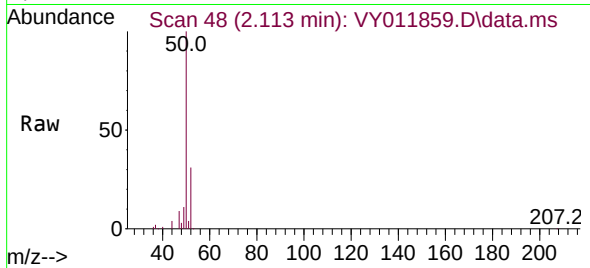




#3
Chloromethane
Concen: 54.410 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

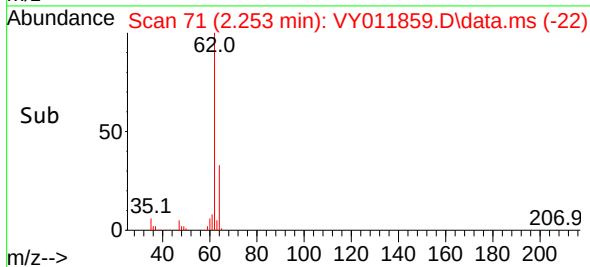
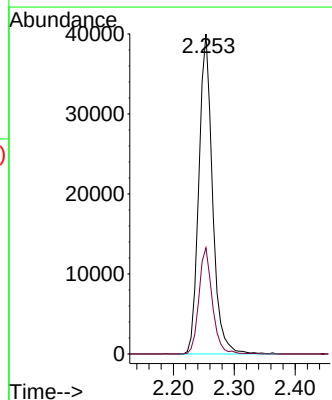
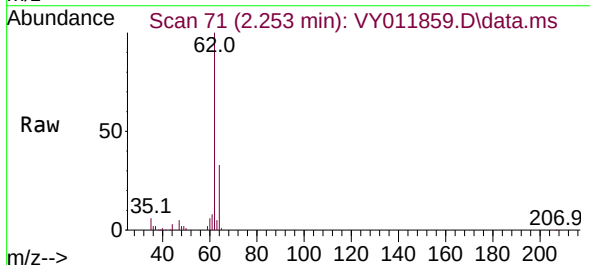
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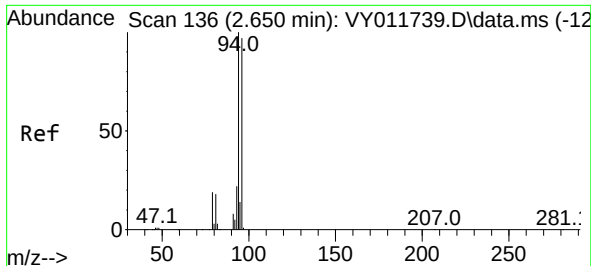
Tgt Ion: 50 Resp: 55821
Ion Ratio Lower Upper
50 100
52 31.3 26.8 40.2



#4
Vinyl Chloride
Concen: 50.405 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

Tgt Ion: 62 Resp: 62176
Ion Ratio Lower Upper
62 100
64 33.2 25.0 37.6

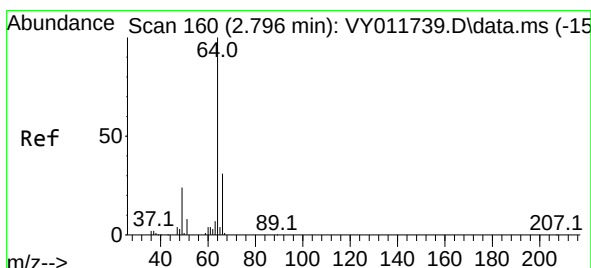
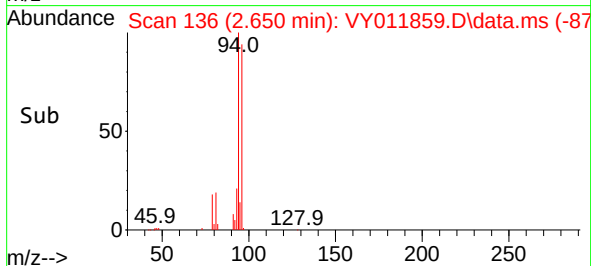
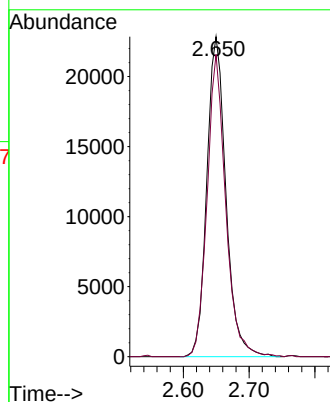
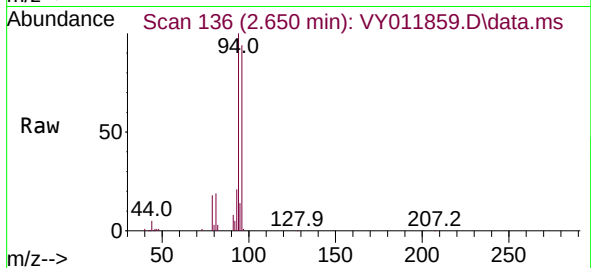




#5
Bromomethane
Concen: 56.193 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

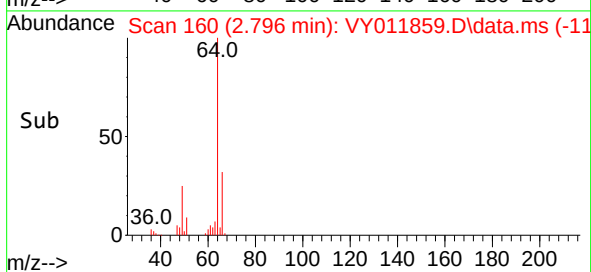
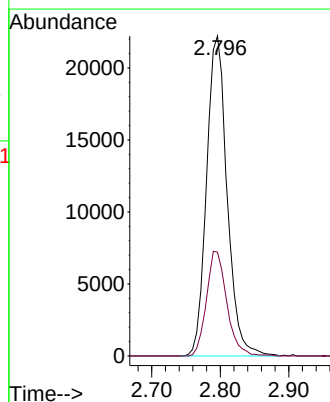
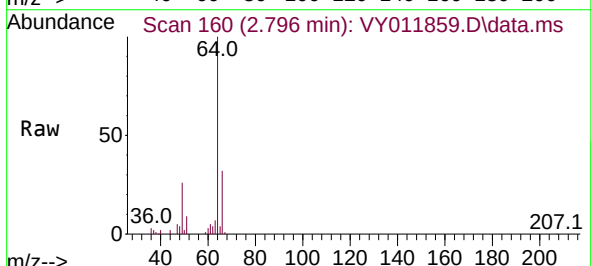
Instrument :
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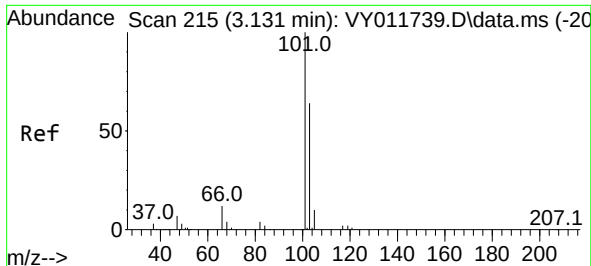
Tgt Ion: 94 Resp: 46170
Ion Ratio Lower Upper
94 100
96 94.4 77.4 116.2



#6
Chloroethane
Concen: 48.390 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

Tgt Ion: 64 Resp: 46353
Ion Ratio Lower Upper
64 100
66 32.4 25.0 37.4

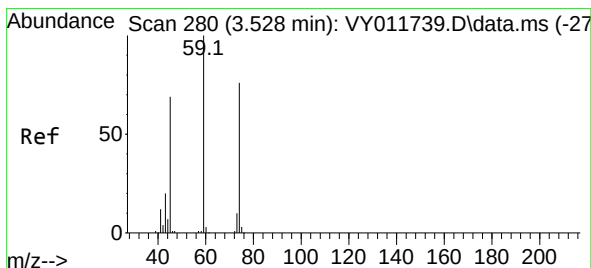
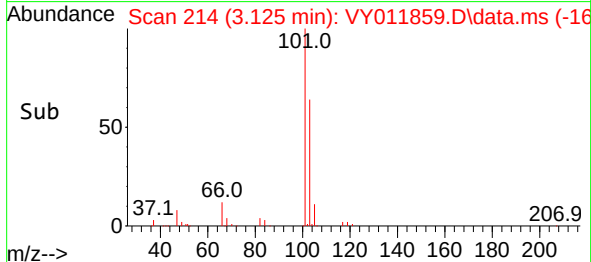
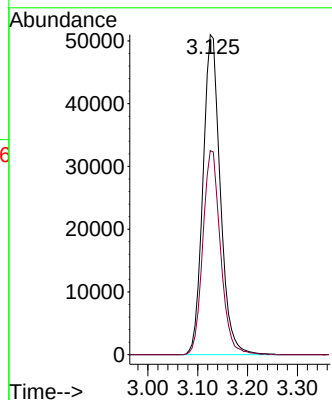
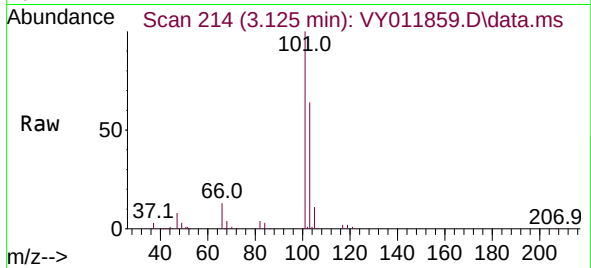




#7
 Trichlorofluoromethane
 Concen: 46.427 ug/l
 RT: 3.125 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: VY011859.D
 Acq: 14 Dec 2022 20:28

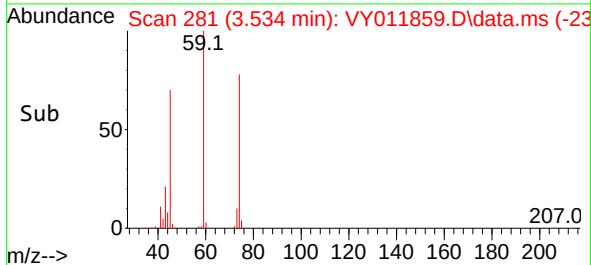
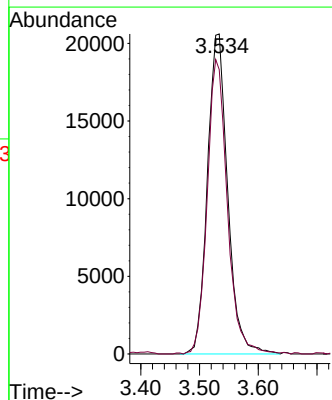
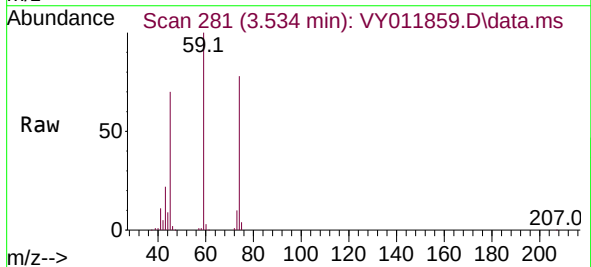
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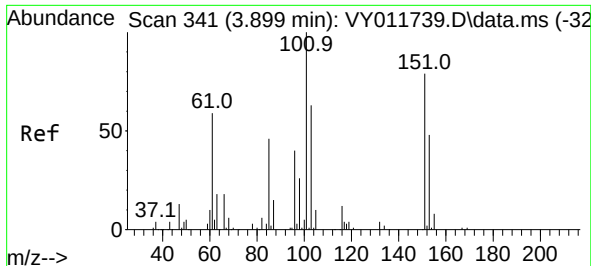
Tgt Ion:101 Resp: 123284
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.0 76.6



#8
 Diethyl Ether
 Concen: 53.025 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.006 min
 Lab File: VY011859.D
 Acq: 14 Dec 2022 20:28

Tgt Ion: 74 Resp: 49320
 Ion Ratio Lower Upper
 74 100
 45 91.7 46.8 140.3

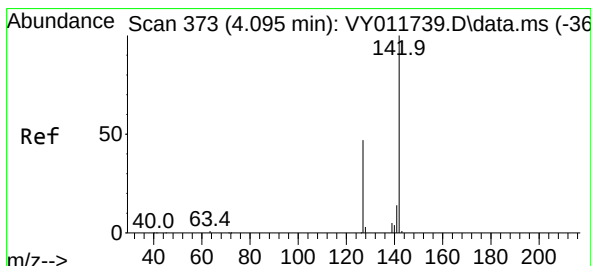
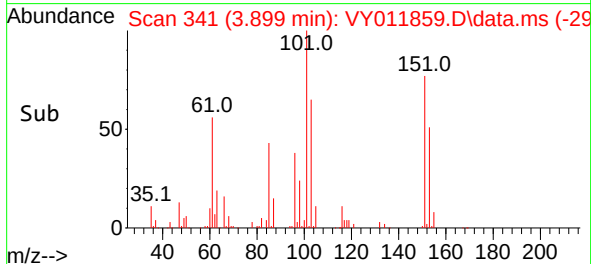
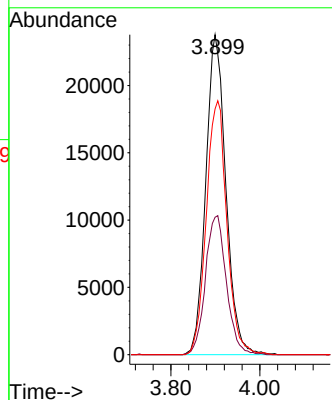
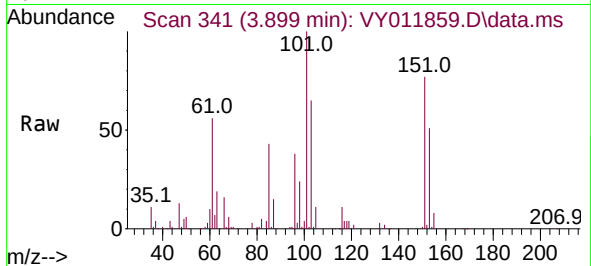




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.147 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

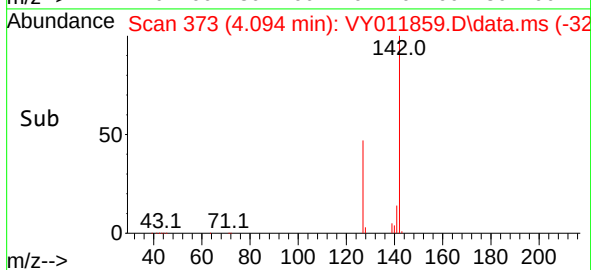
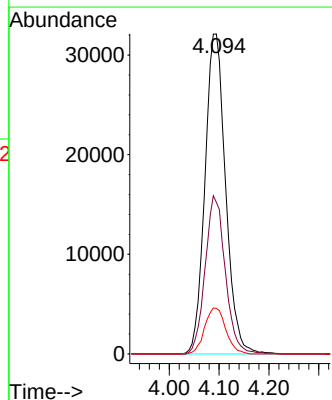
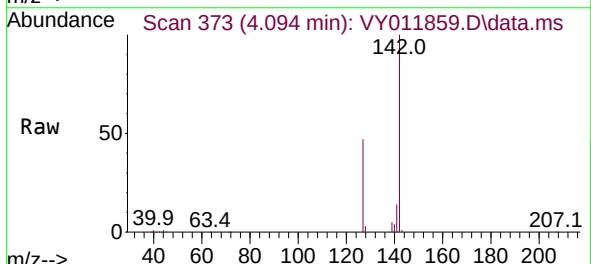
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ClientSampleId :
VSTDCCC050EC

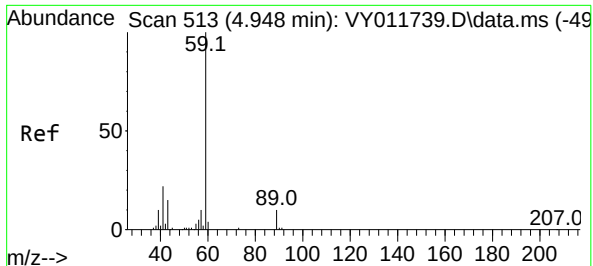
Tgt Ion:101 Resp: 74737
Ion Ratio Lower Upper
101 100
85 45.4 36.2 54.2
151 81.4 64.2 96.2



#10
Methyl Iodide
Concen: 49.826 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.000 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

Tgt Ion:142 Resp: 92476
Ion Ratio Lower Upper
142 100
127 48.2 37.0 55.4
141 14.7 11.4 17.0

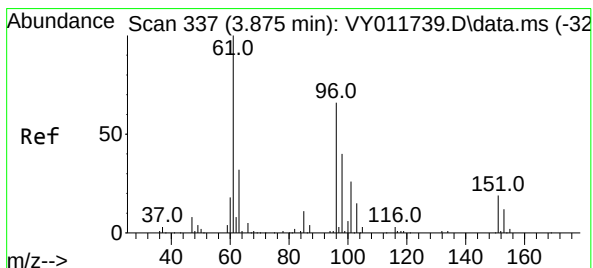
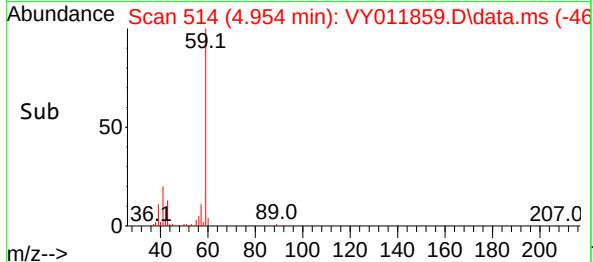
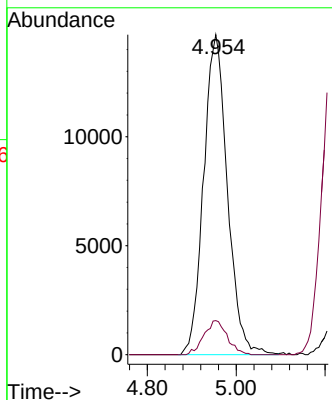
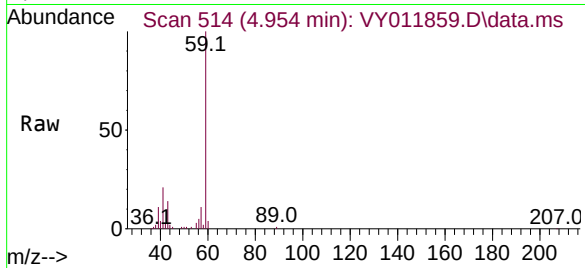




#11
Tert butyl alcohol
Concen: 346.726 ug/l
RT: 4.954 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

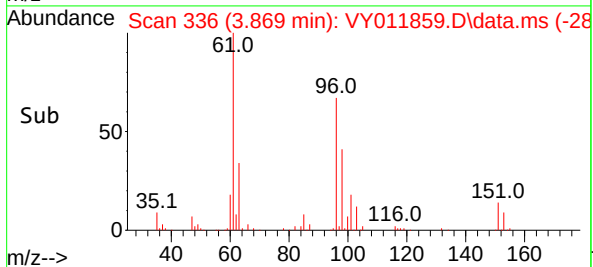
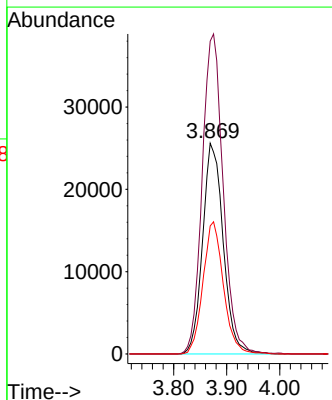
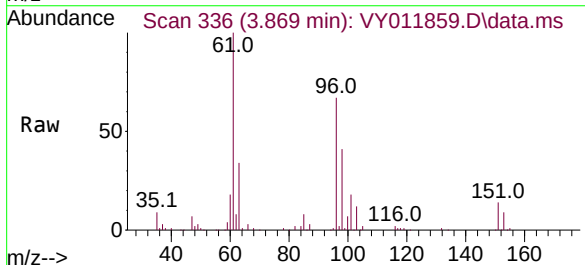
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

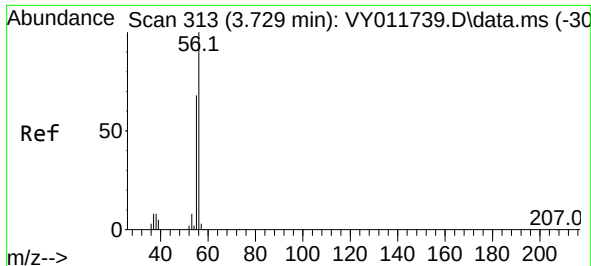
Tgt Ion: 59 Resp: 54617
Ion Ratio Lower Upper
59 100
57 10.4 7.4 11.2



#12
1,1-Dichloroethene
Concen: 48.298 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

Tgt Ion: 96 Resp: 69047
Ion Ratio Lower Upper
96 100
61 148.5 122.0 183.0
98 60.8 48.6 73.0





#13

Acrolein

Concen: 257.165 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY011859.D

Acq: 14 Dec 2022 20:28

Instrument :

MSVOA_Y

ClientSampleId :

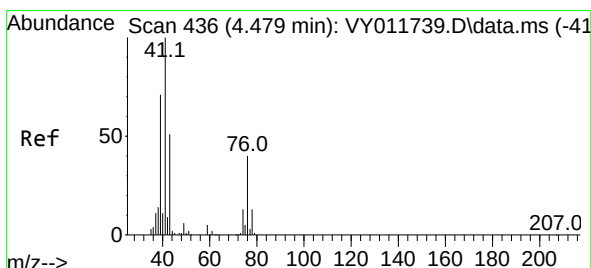
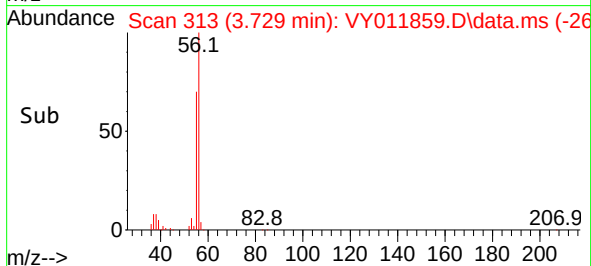
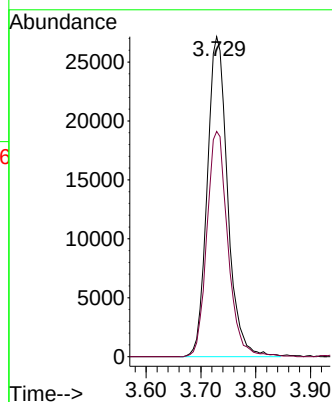
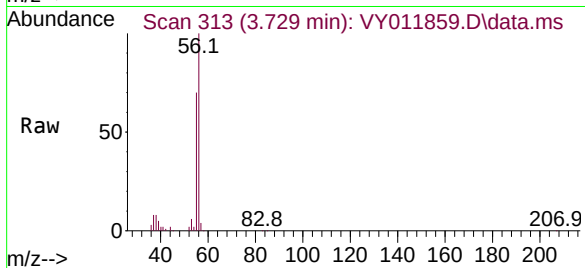
VSTDC050EC

Tgt Ion: 56 Resp: 70030

Ion Ratio Lower Upper

56 100

55 72.3 56.6 85.0



#14

Allyl chloride

Concen: 51.249 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY011859.D

Acq: 14 Dec 2022 20:28

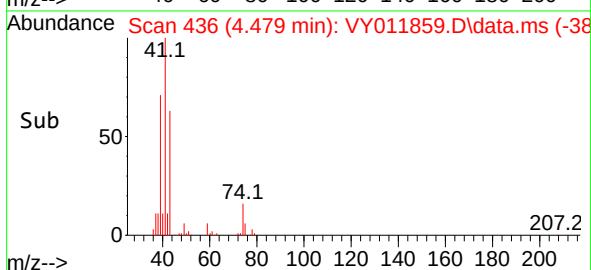
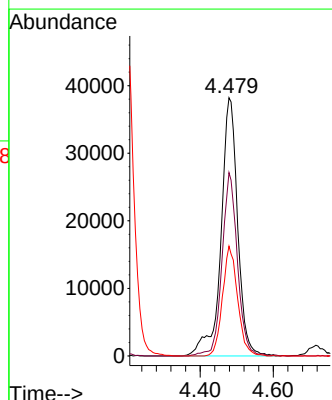
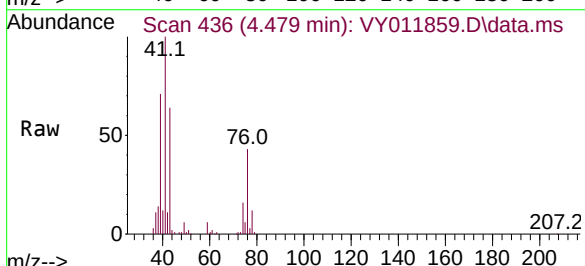
Tgt Ion: 41 Resp: 121702

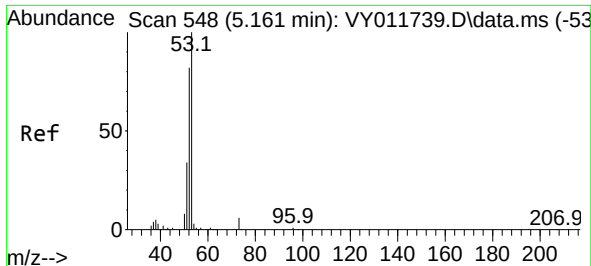
Ion Ratio Lower Upper

41 100

39 65.6 53.5 80.3

76 38.3 31.1 46.7

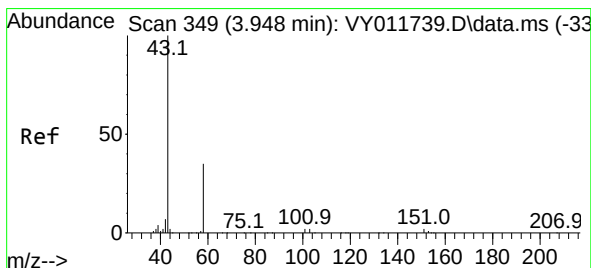
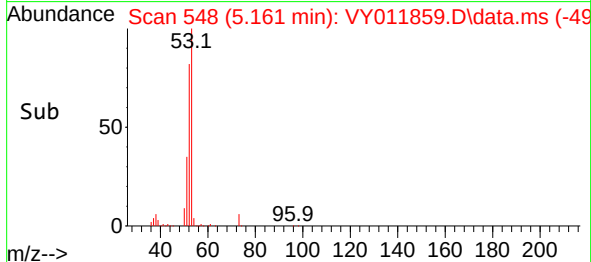
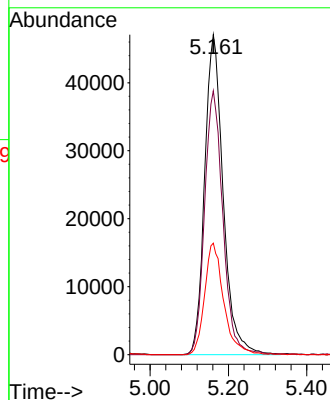
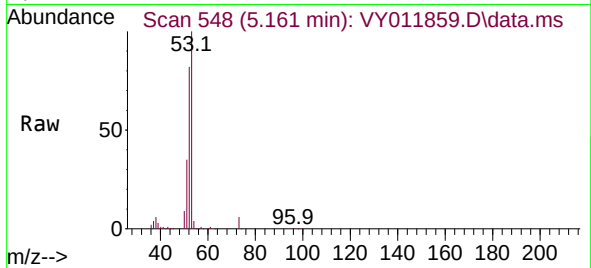




#15
Acrylonitrile
Concen: 309.179 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

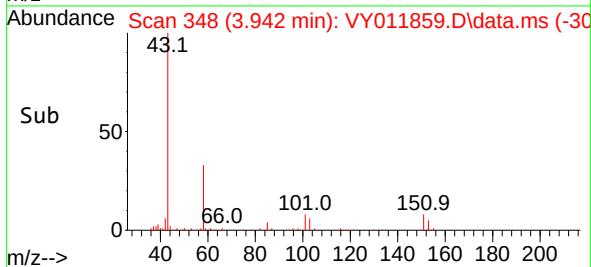
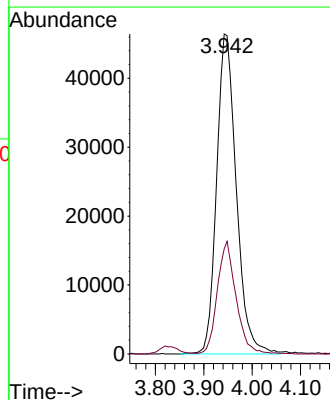
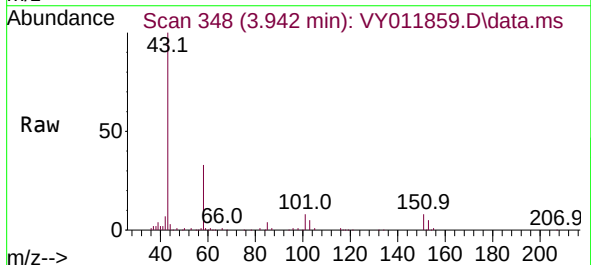
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

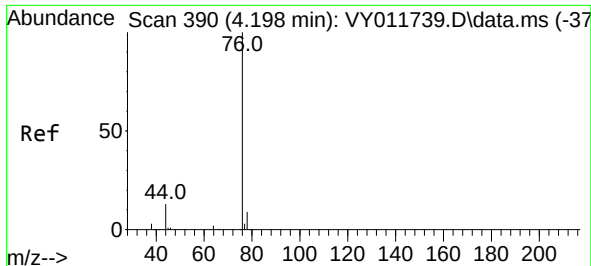
Tgt Ion: 53 Resp: 154354
Ion Ratio Lower Upper
53 100
52 81.4 65.1 97.7
51 35.9 28.7 43.1



#16
Acetone
Concen: 248.880 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

Tgt Ion: 43 Resp: 131275
Ion Ratio Lower Upper
43 100
58 32.6 27.9 41.9

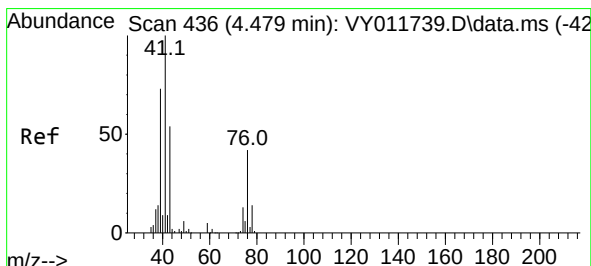
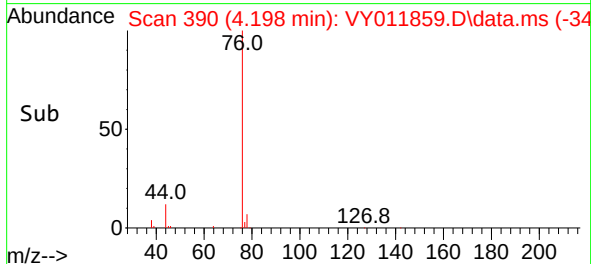
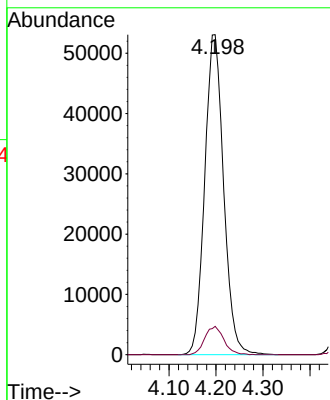
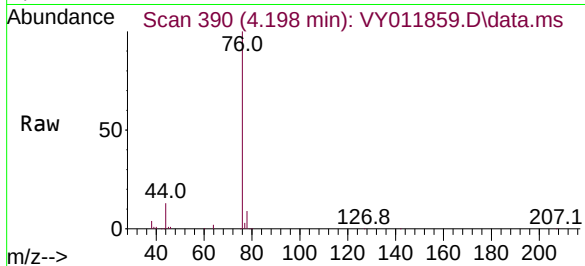




#17
Carbon Disulfide
Concen: 45.317 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

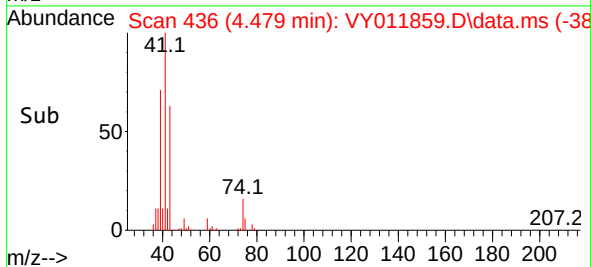
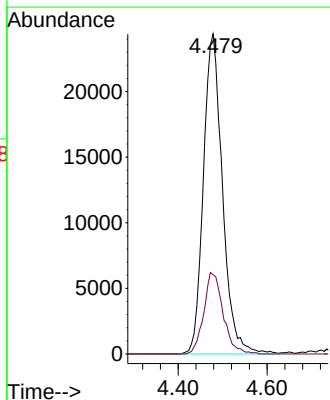
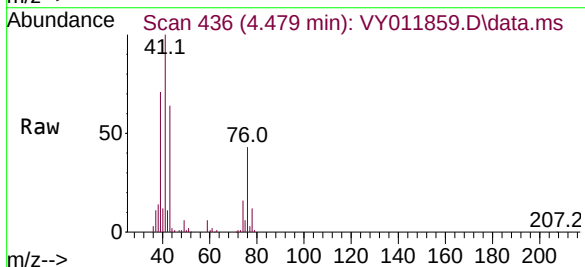
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

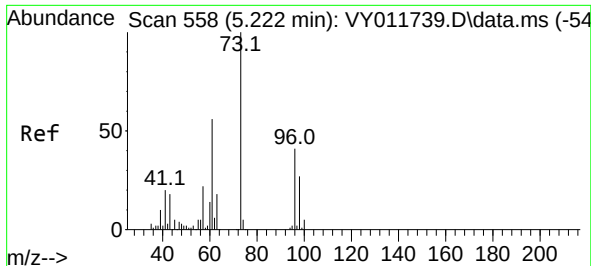
Tgt Ion: 76 Resp: 147952
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 58.352 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

Tgt Ion: 43 Resp: 72923
Ion Ratio Lower Upper
43 100
74 25.7 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 58.222 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY011859.D

Acq: 14 Dec 2022 20:28

Instrument :

MSVOA_Y

ClientSampleId :

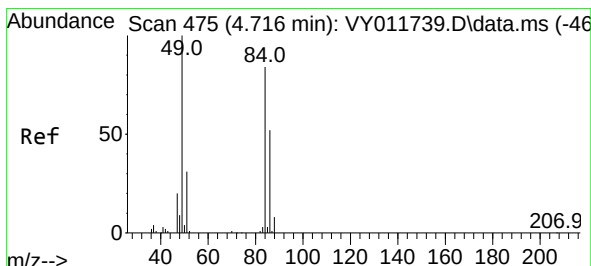
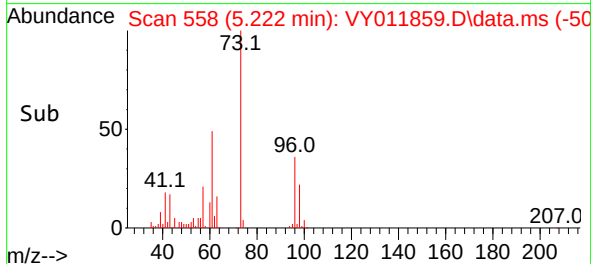
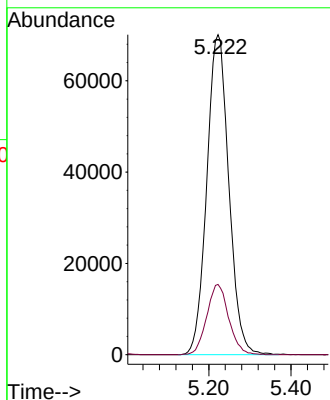
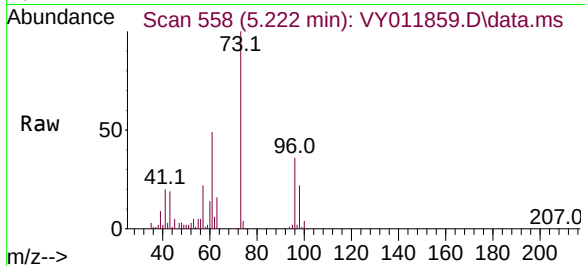
VSTDCCC050EC

Tgt Ion: 73 Resp: 260614

Ion Ratio Lower Upper

73 100

57 21.9 17.4 26.0



#20

Methylene Chloride

Concen: 63.187 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY011859.D

Acq: 14 Dec 2022 20:28

Tgt Ion: 84 Resp: 115734

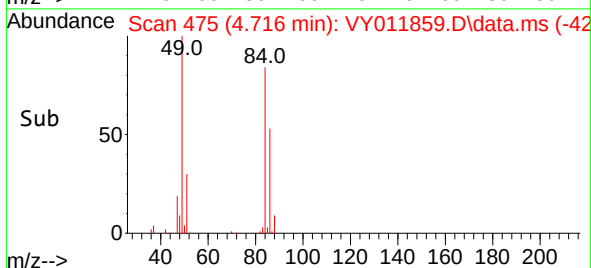
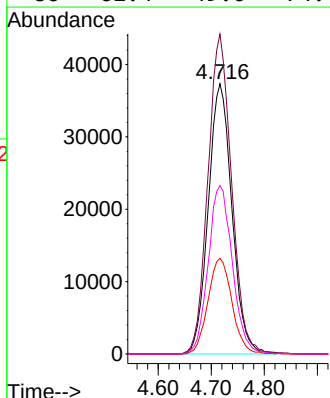
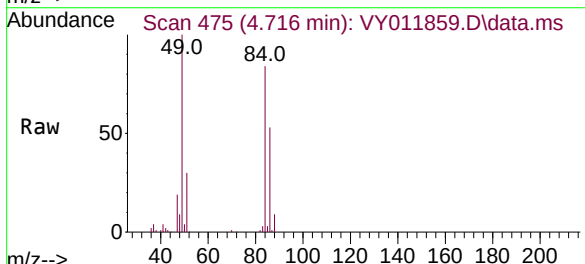
Ion Ratio Lower Upper

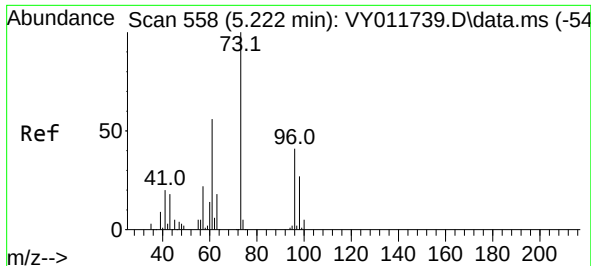
84 100

49 118.4 95.4 143.2

51 35.4 29.9 44.9

86 62.4 49.6 74.4

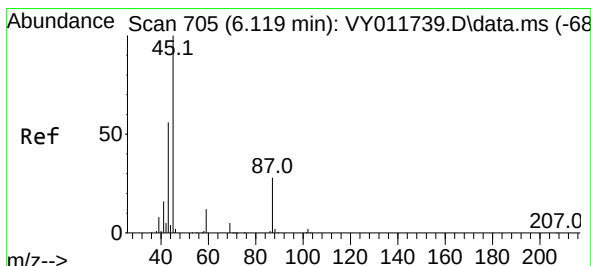
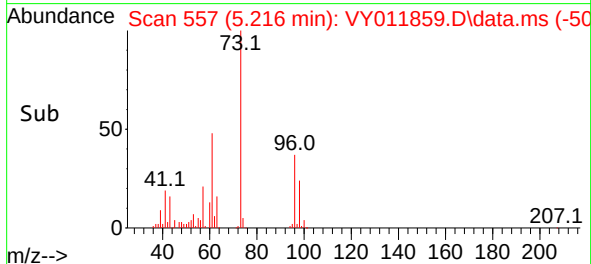
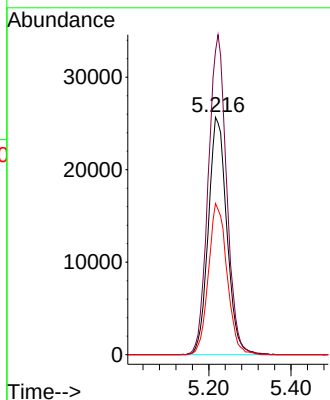
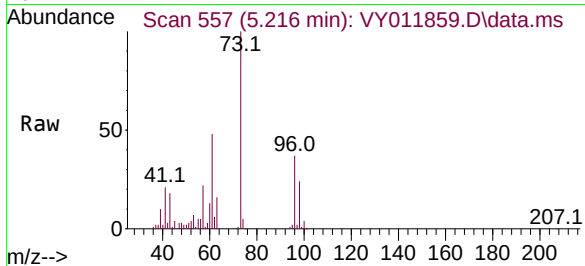




#21
trans-1,2-Dichloroethene
Concen: 49.908 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

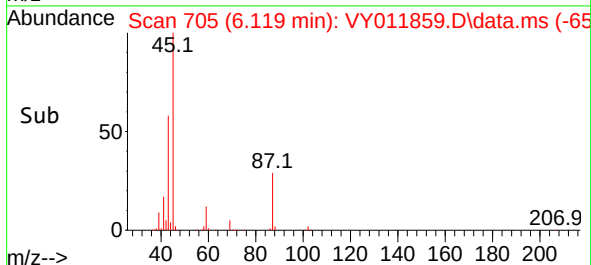
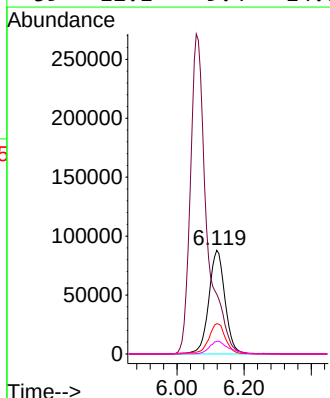
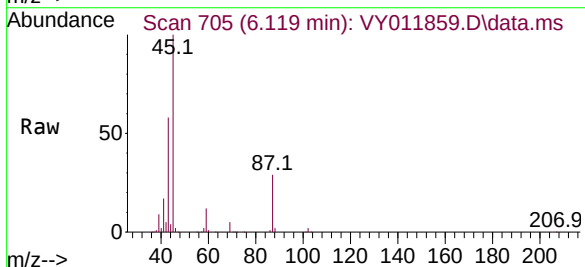
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

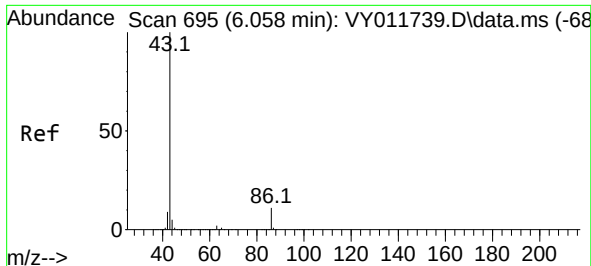
Tgt Ion: 96 Resp: 80192
Ion Ratio Lower Upper
96 100
61 127.7 108.0 162.0
98 63.7 51.6 77.4



#22
Diisopropyl ether
Concen: 56.765 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

Tgt Ion: 45 Resp: 294105
Ion Ratio Lower Upper
45 100
43 57.5 45.0 67.4
87 29.2 22.6 33.8
59 12.1 9.4 14.0

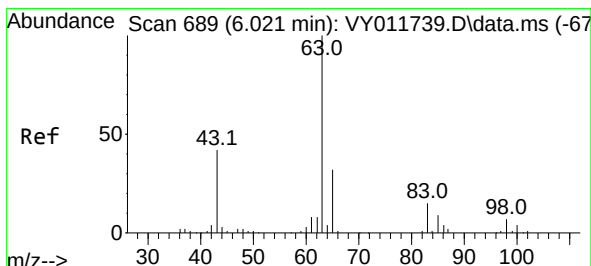
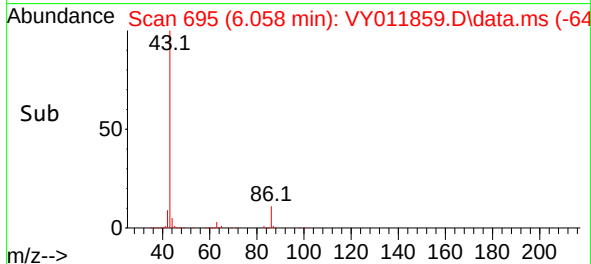
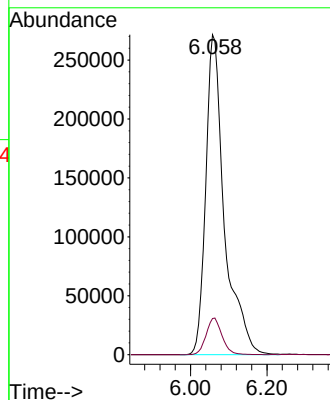
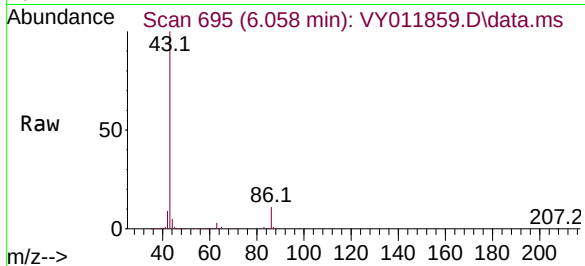




#23
 Vinyl Acetate
 Concen: 310.956 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY011859.D
 Acq: 14 Dec 2022 20:28

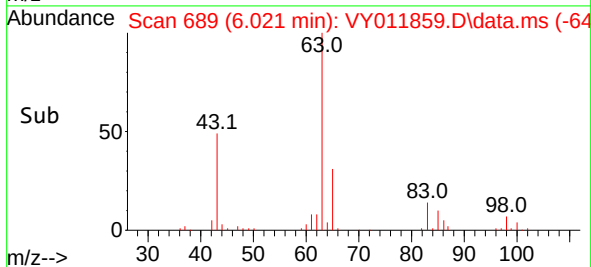
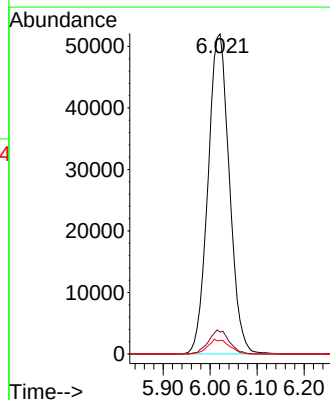
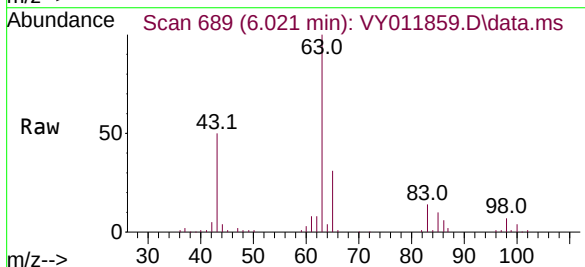
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

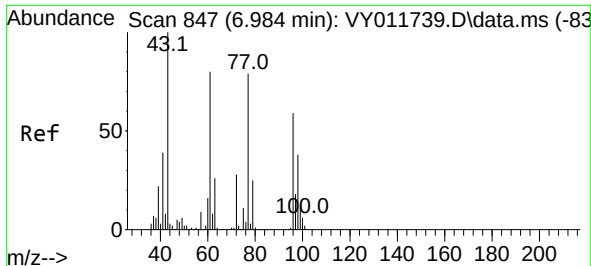
Tgt Ion: 43 Resp: 919115
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 52.138 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY011859.D
 Acq: 14 Dec 2022 20:28

Tgt Ion: 63 Resp: 164151
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.5
 100 4.2 2.2 6.6

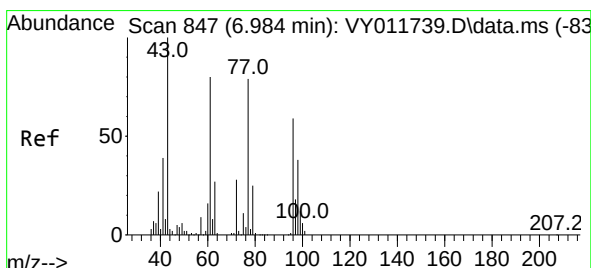
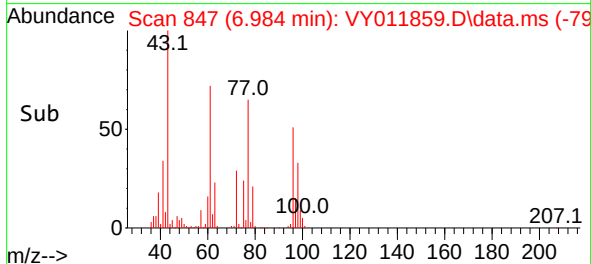
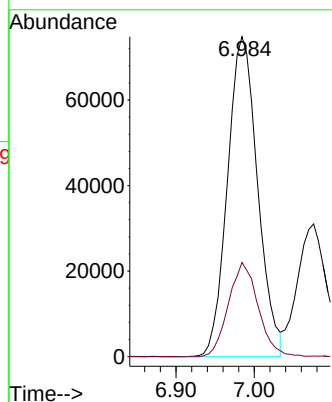
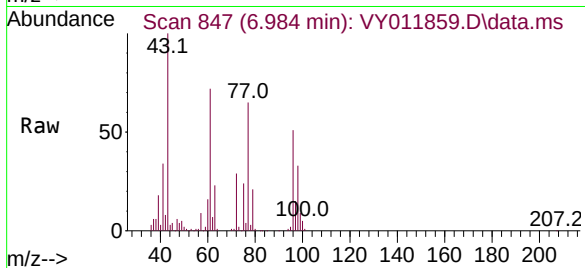




#25
2-Butanone
Concen: 294.883 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

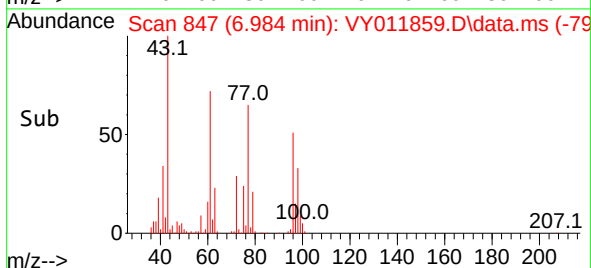
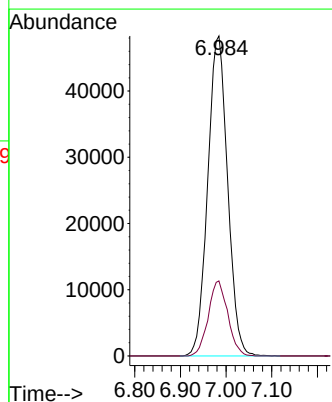
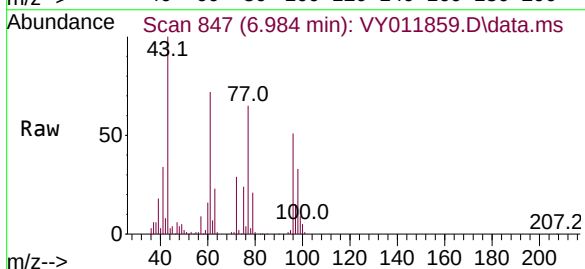
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

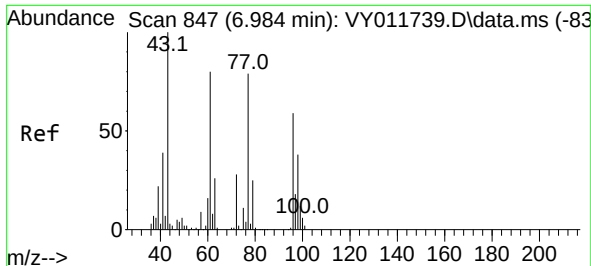
Tgt Ion: 43 Resp: 200072
Ion Ratio Lower Upper
43 100
72 29.5 22.6 34.0



#26
2,2-Dichloropropane
Concen: 49.223 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

Tgt Ion: 77 Resp: 145805
Ion Ratio Lower Upper
77 100
97 23.0 11.4 34.1



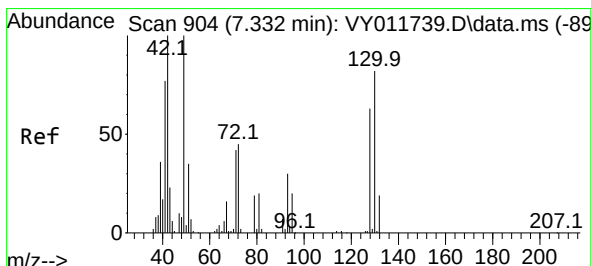
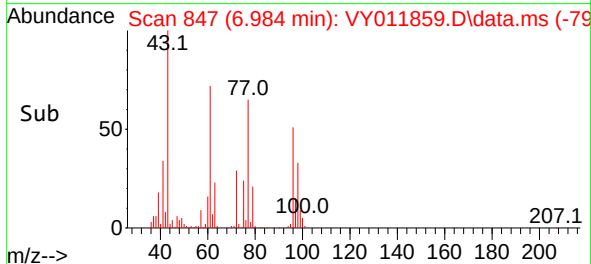
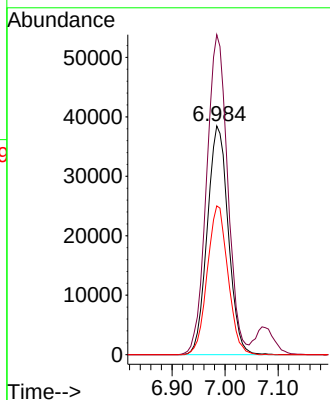
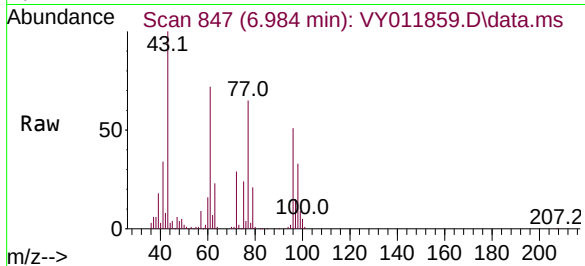


#27
 cis-1,2-Dichloroethene
 Concen: 53.948 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY011859.D
 Acq: 14 Dec 2022 20:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 105944

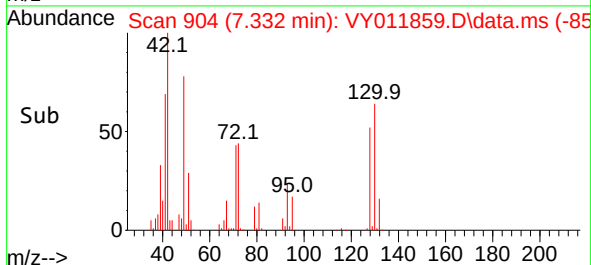
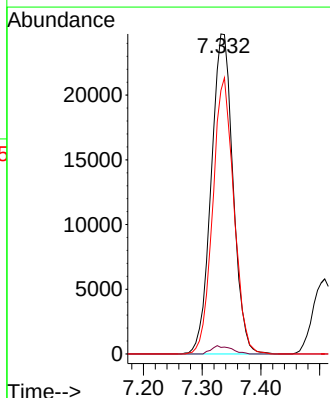
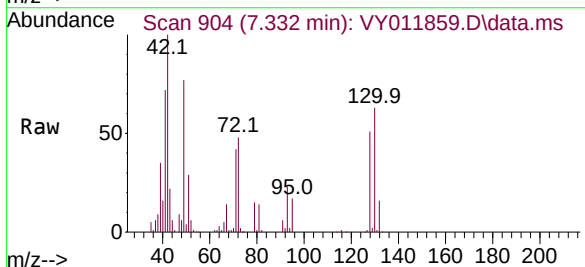
Ion	Ratio	Lower	Upper
96	100		
61	140.7	0.0	283.4
98	64.1	0.0	127.6

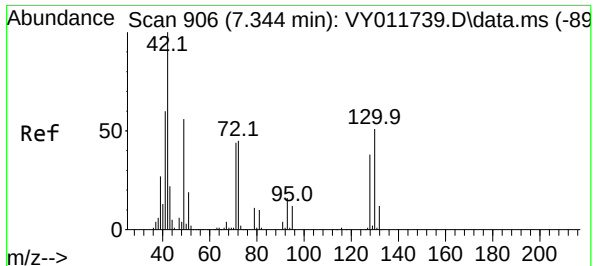


#28
 Bromochloromethane
 Concen: 55.690 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY011859.D
 Acq: 14 Dec 2022 20:28

Tgt Ion: 49 Resp: 63833

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	83.3	66.7	100.1





#29

Tetrahydrofuran

Concen: 326.210 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY011859.D

Acq: 14 Dec 2022 20:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

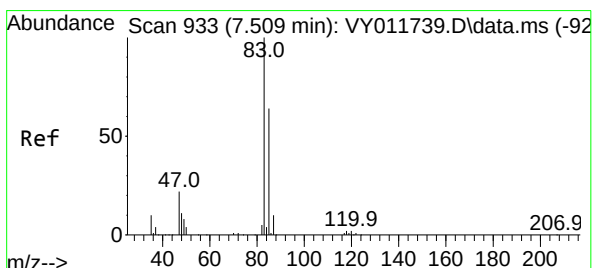
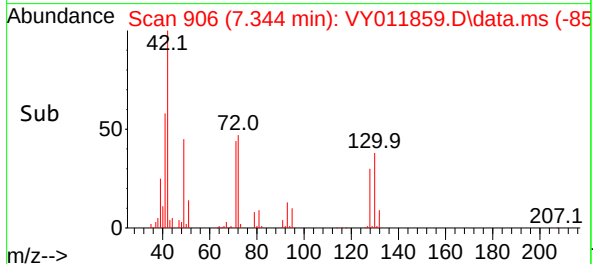
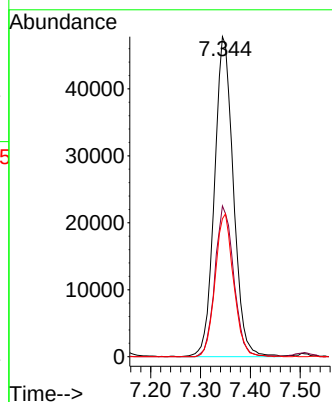
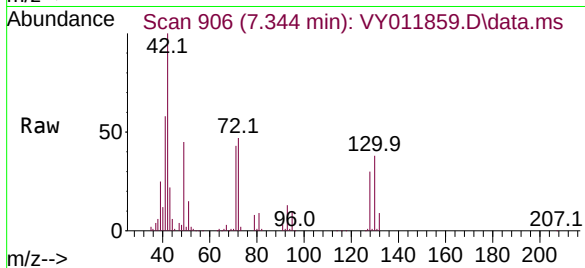
Tgt Ion: 42 Resp: 125973

Ion Ratio Lower Upper

42 100

72 46.7 37.0 55.6

71 43.5 34.9 52.3



#30

Chloroform

Concen: 55.292 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.000 min

Lab File: VY011859.D

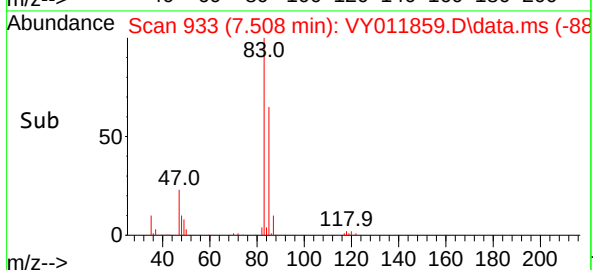
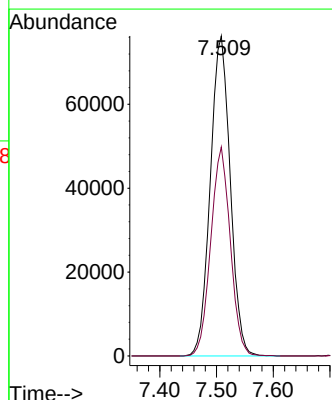
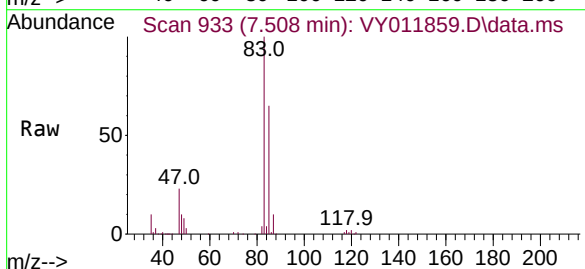
Acq: 14 Dec 2022 20:28

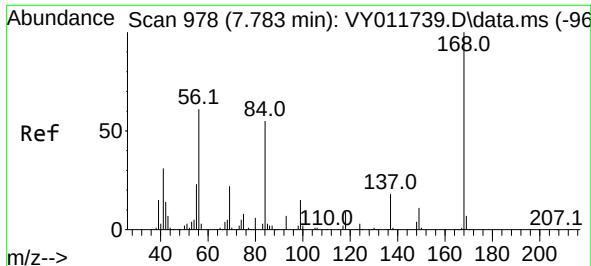
Tgt Ion: 83 Resp: 186107

Ion Ratio Lower Upper

83 100

85 65.3 51.5 77.3

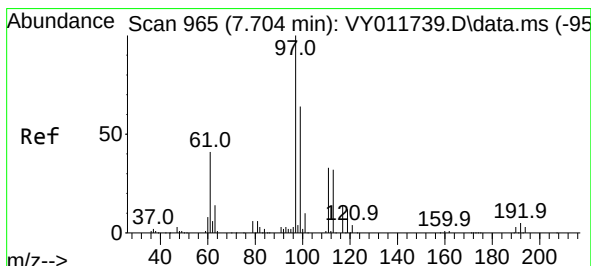
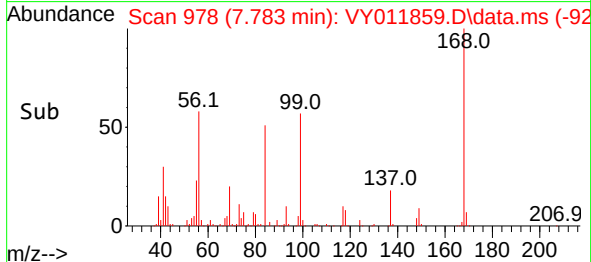
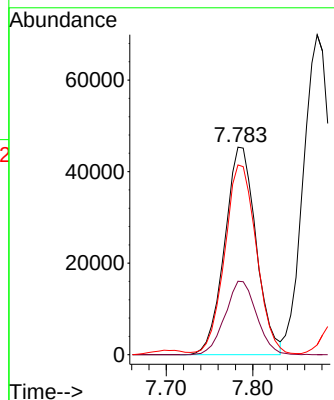
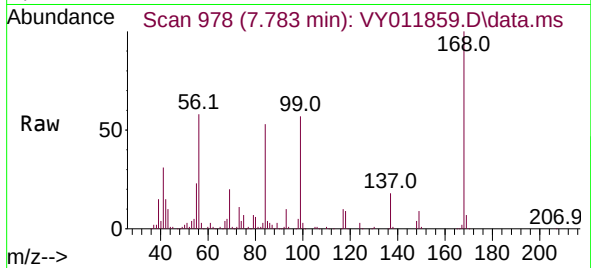




#31
Cyclohexane
Concen: 50.914 ug/l
RT: 7.783 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

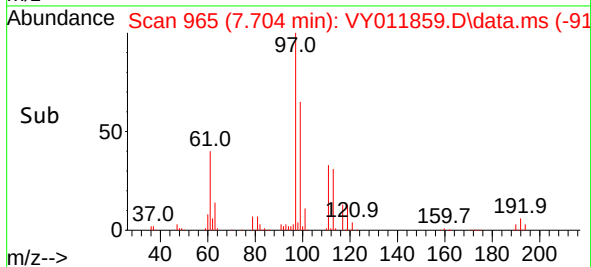
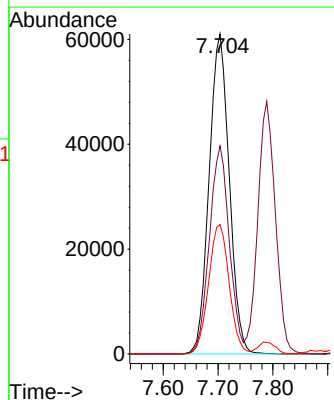
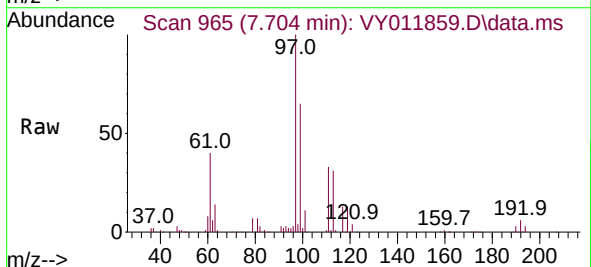
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

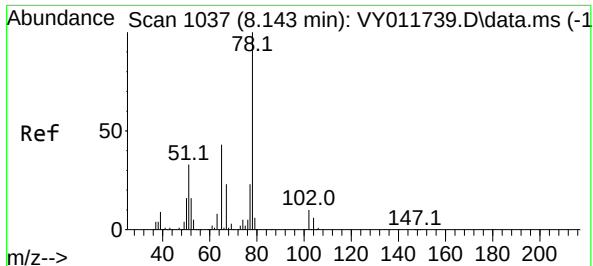
Tgt Ion: 56 Resp: 114420
Ion Ratio Lower Upper
56 100
69 35.4 29.2 43.8
84 89.7 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 51.732 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

Tgt Ion: 97 Resp: 155290
Ion Ratio Lower Upper
97 100
99 64.5 51.0 76.4
61 41.5 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 51.478 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY011859.D

Acq: 14 Dec 2022 20:28

Instrument :

MSVOA_Y

ClientSampleId :

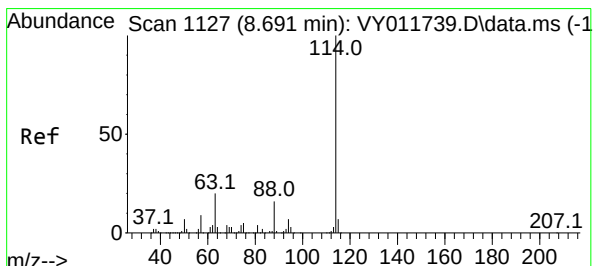
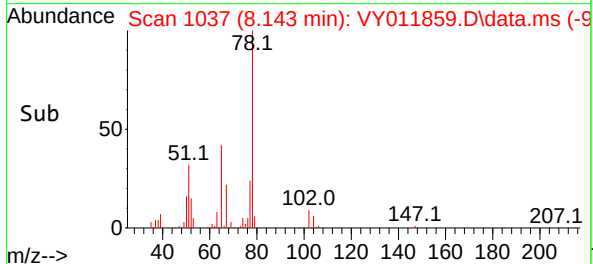
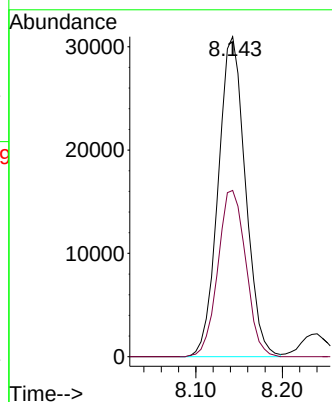
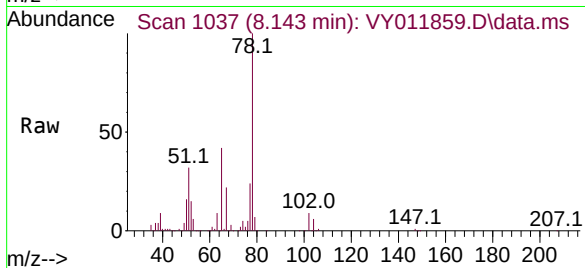
VSTDC050EC

Tgt Ion: 65 Resp: 67670

Ion Ratio Lower Upper

65 100

67 53.2 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011859.D

Acq: 14 Dec 2022 20:28

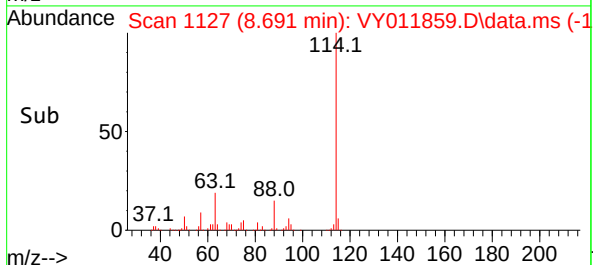
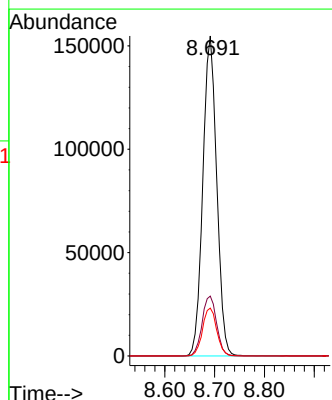
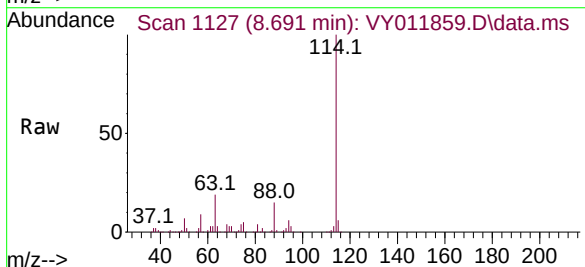
Tgt Ion: 114 Resp: 299160

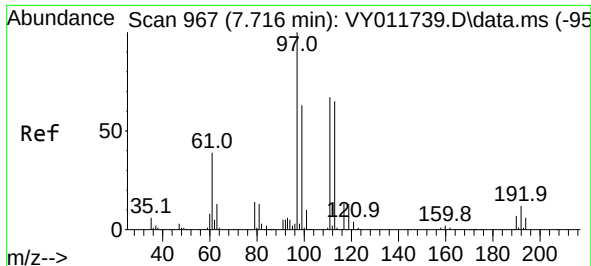
Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.6

88 15.0 0.0 32.2

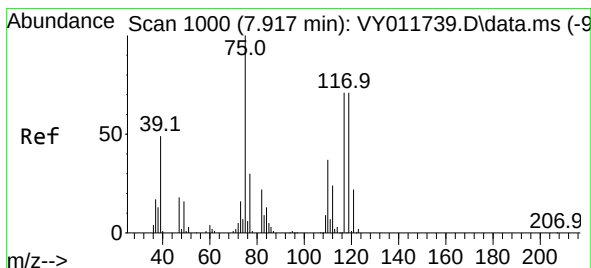
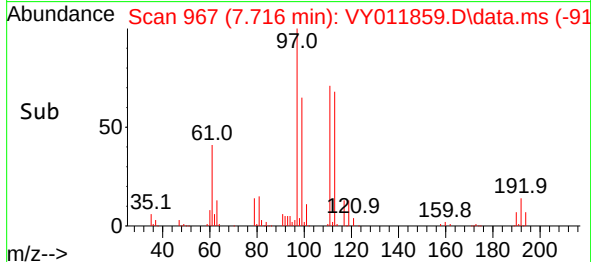
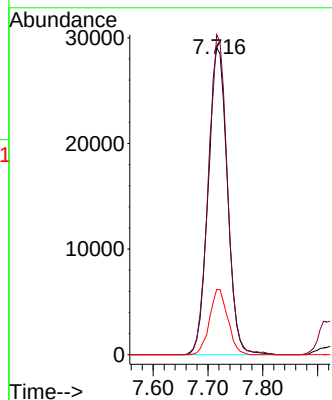
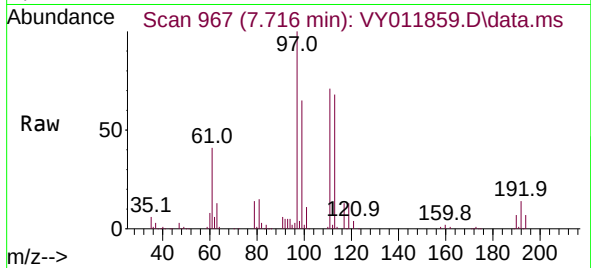




#35
Dibromofluoromethane
Concen: 53.556 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

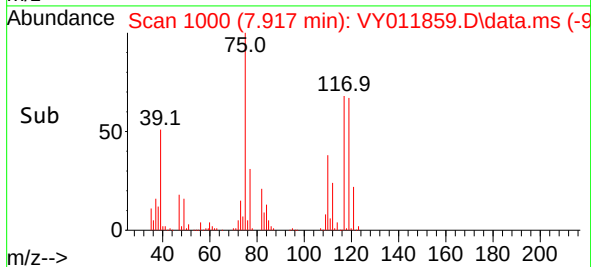
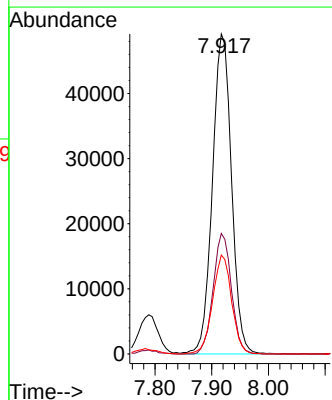
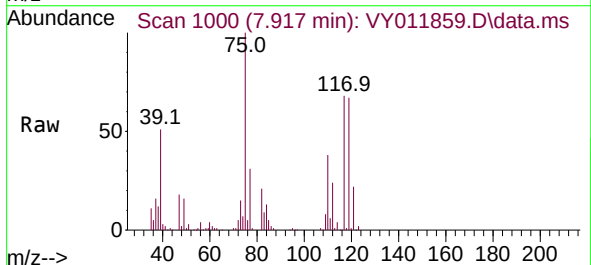
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

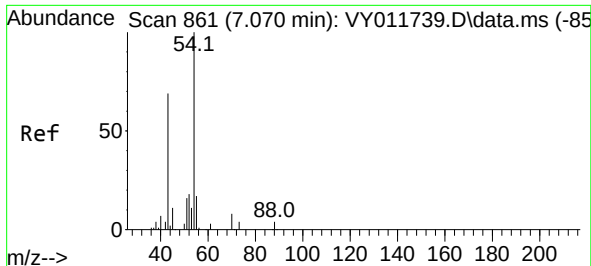
Tgt Ion:113 Resp: 70816
Ion Ratio Lower Upper
113 100
111 102.4 83.0 124.4
192 20.1 16.0 24.0



#36
1,1-Dichloropropene
Concen: 50.606 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

Tgt Ion: 75 Resp: 114884
Ion Ratio Lower Upper
75 100
110 36.0 18.1 54.1
77 30.8 25.1 37.7





#37

Ethyl Acetate

Concen: 62.465 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY011859.D

Acq: 14 Dec 2022 20:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

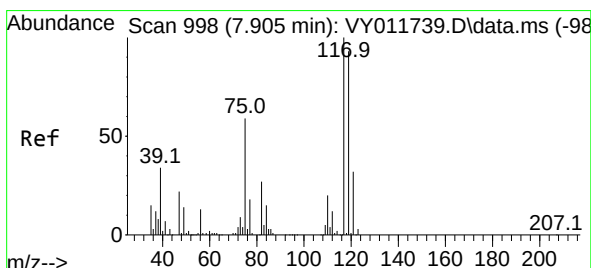
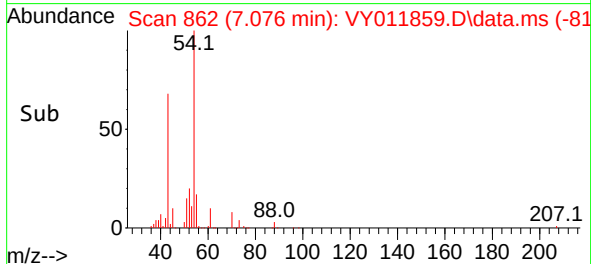
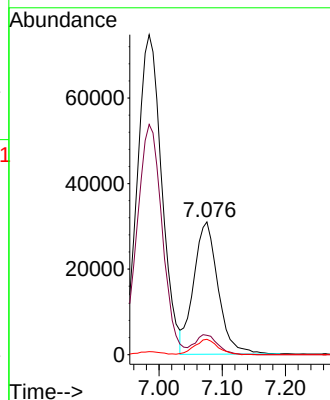
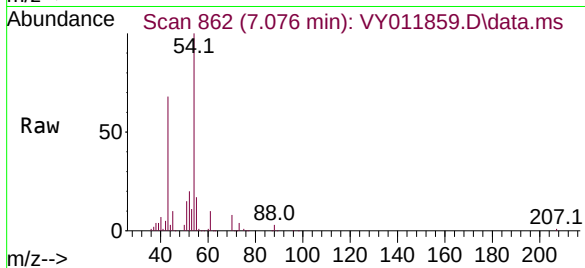
Tgt Ion: 43 Resp: 82905

Ion Ratio Lower Upper

43 100

61 14.1 11.3 16.9

70 11.2 8.2 12.4



#38

Carbon Tetrachloride

Concen: 51.948 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.006 min

Lab File: VY011859.D

Acq: 14 Dec 2022 20:28

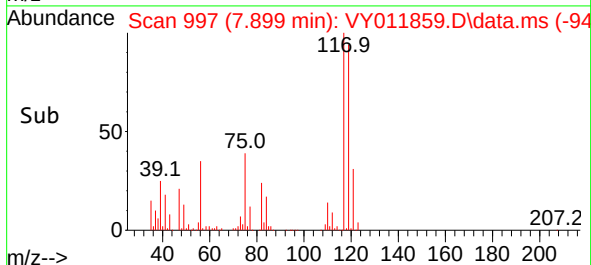
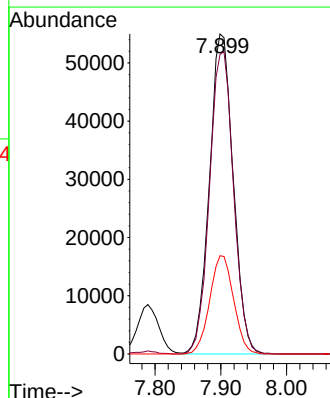
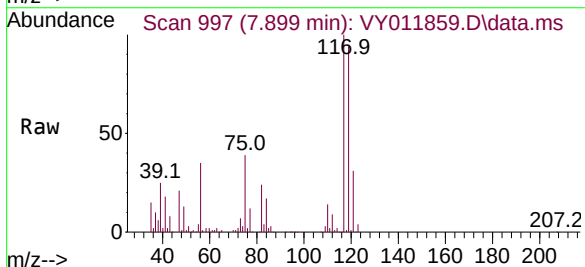
Tgt Ion: 117 Resp: 138528

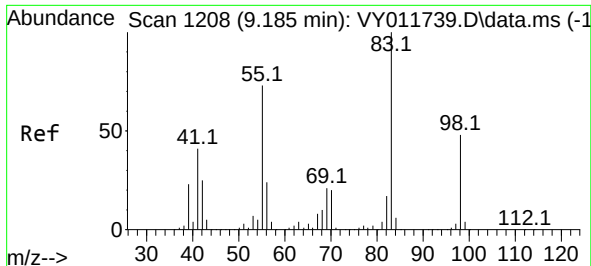
Ion Ratio Lower Upper

117 100

119 93.6 73.8 110.8

121 30.7 25.2 37.8





#39

Methylcyclohexane

Concen: 48.323 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011859.D

Acq: 14 Dec 2022 20:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

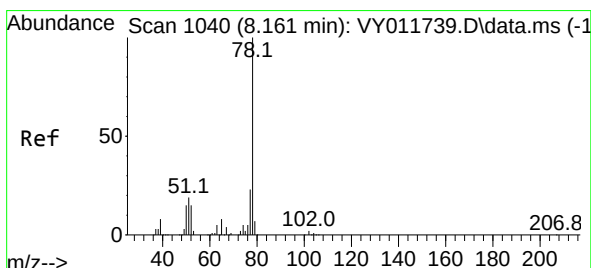
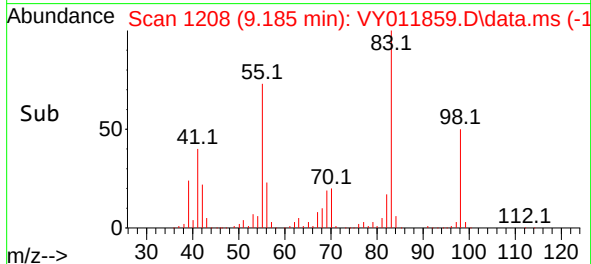
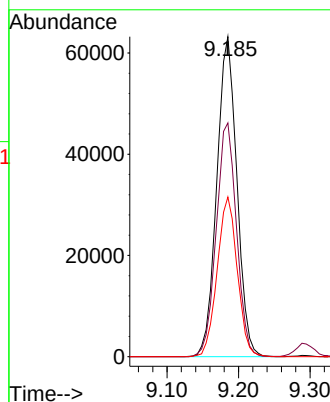
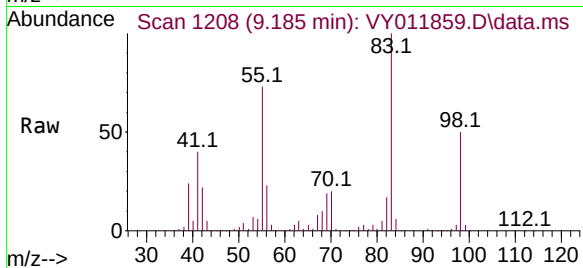
Tgt Ion: 83 Resp: 123434

Ion Ratio Lower Upper

83 100

55 73.0 58.2 87.2

98 49.9 38.6 58.0



#40

Benzene

Concen: 53.041 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY011859.D

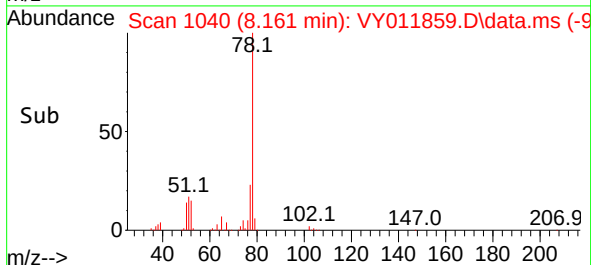
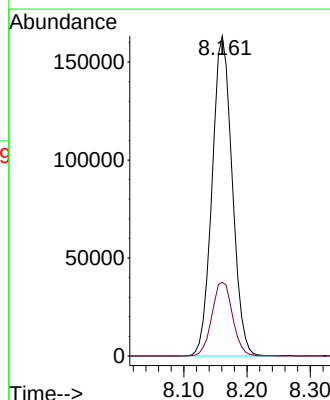
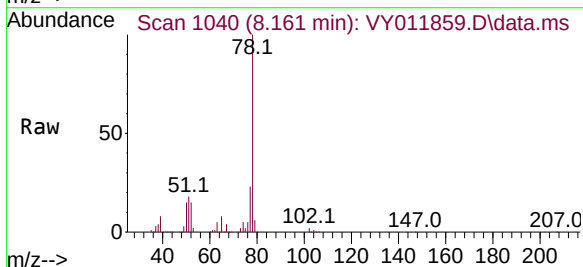
Acq: 14 Dec 2022 20:28

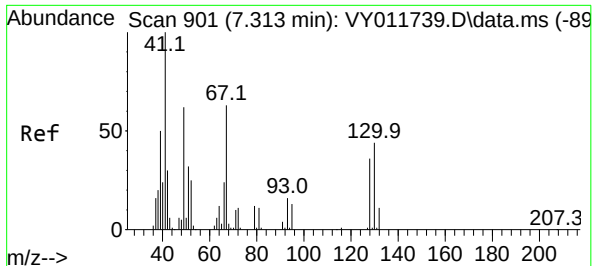
Tgt Ion: 78 Resp: 359720

Ion Ratio Lower Upper

78 100

77 23.0 18.6 27.8

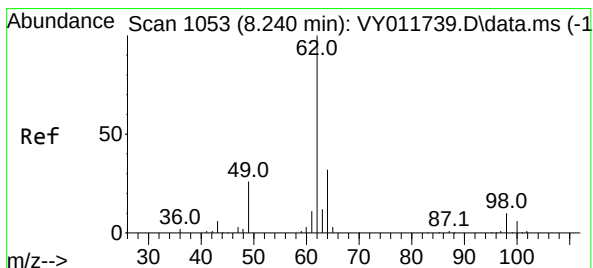
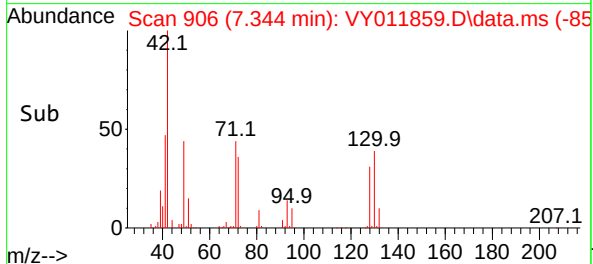
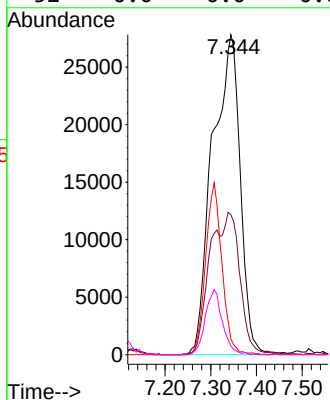
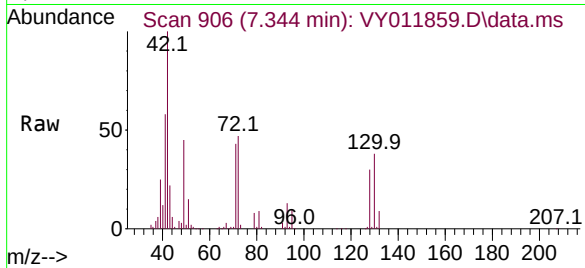




#41
Methacrylonitrile
Concen: 174.477 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.030 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

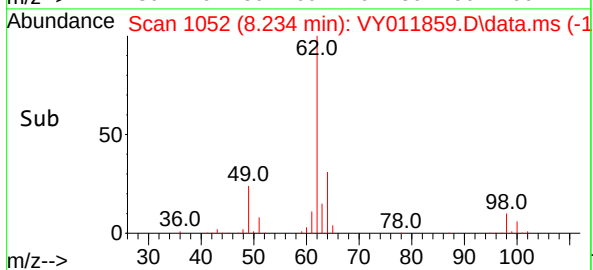
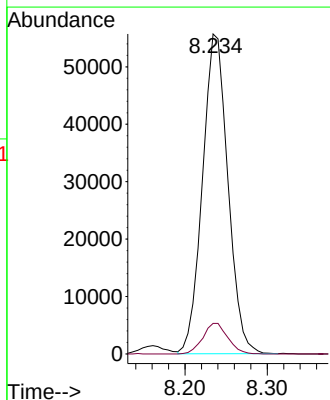
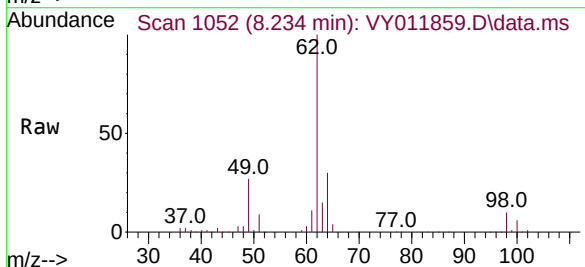
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

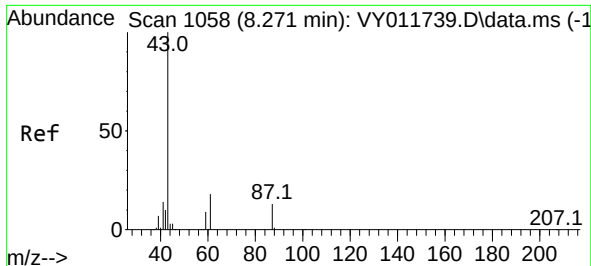
Tgt Ion: 41 Resp: 116900
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 57.140 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

Tgt Ion: 62 Resp: 119836
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.6

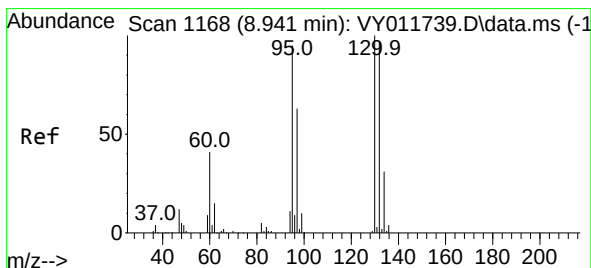
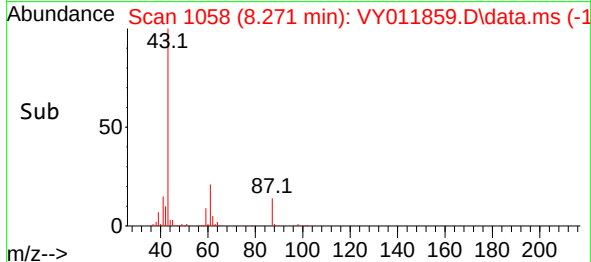
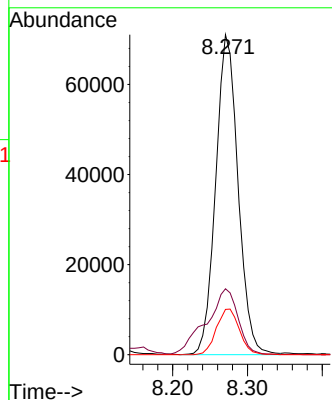
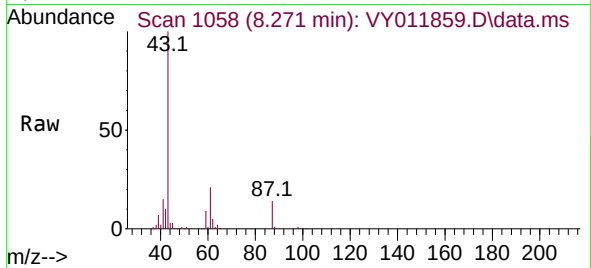




#43
Isopropyl Acetate
Concen: 61.532 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

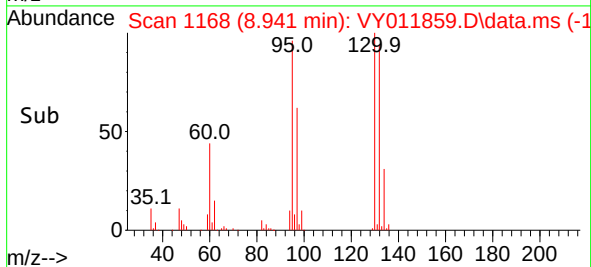
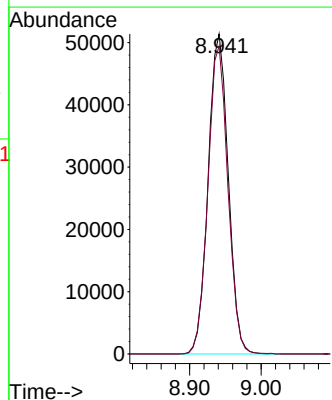
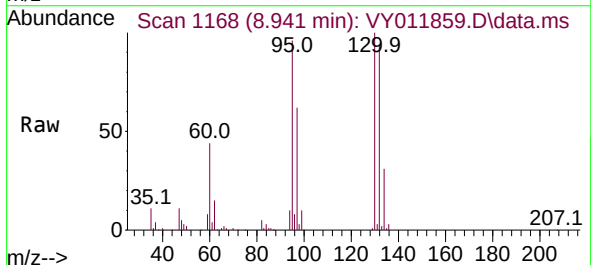
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

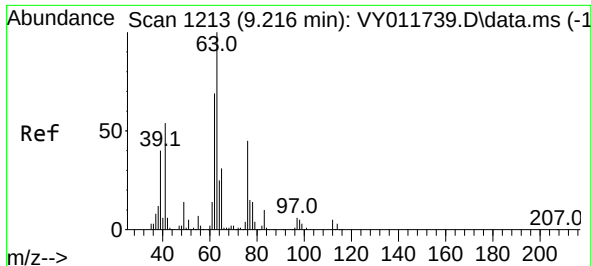
Tgt Ion: 43 Resp: 148085
Ion Ratio Lower Upper
43 100
61 29.3 24.4 36.6
87 14.7 11.4 17.2



#44
Trichloroethene
Concen: 52.757 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

Tgt Ion:130 Resp: 100206
Ion Ratio Lower Upper
130 100
95 96.3 0.0 190.6





#45

1,2-Dichloropropane

Concen: 54.865 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY011859.D

Acq: 14 Dec 2022 20:28

Instrument :

MSVOA_Y

ClientSampleId :

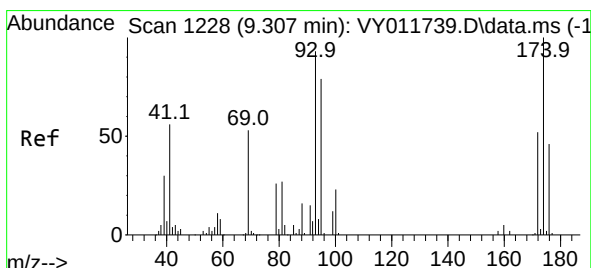
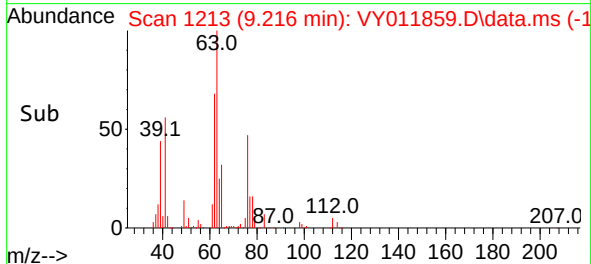
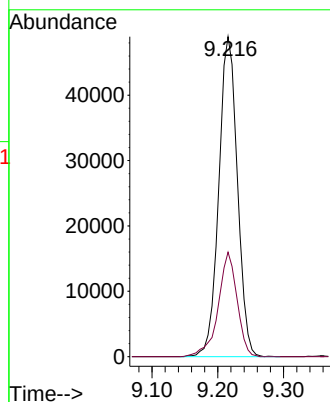
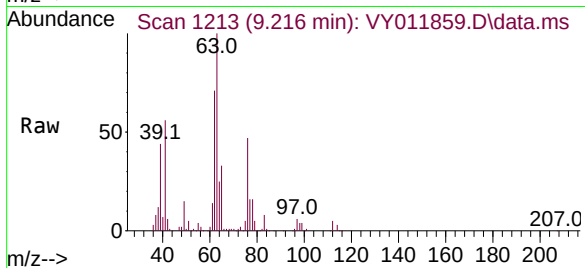
VSTDCCC050EC

Tgt Ion: 63 Resp: 96304

Ion Ratio Lower Upper

63 100

65 32.7 24.9 37.3



#46

Dibromomethane

Concen: 57.954 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY011859.D

Acq: 14 Dec 2022 20:28

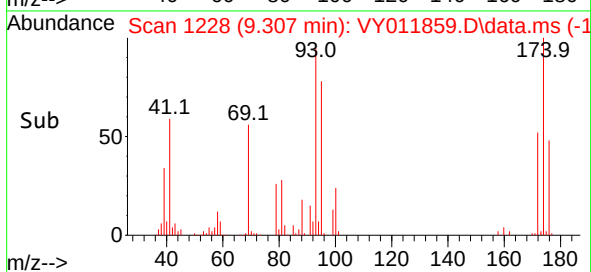
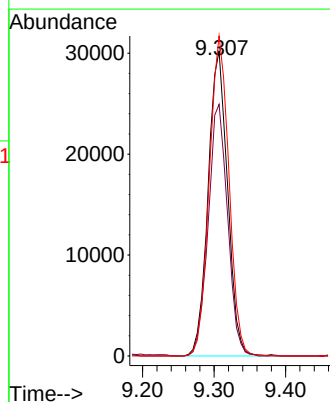
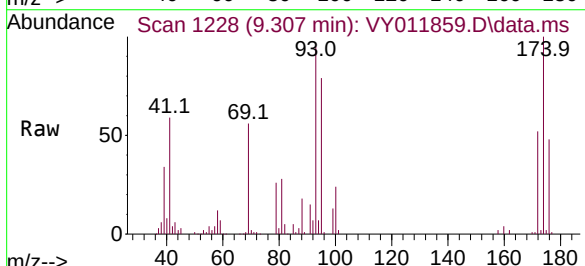
Tgt Ion: 93 Resp: 56944

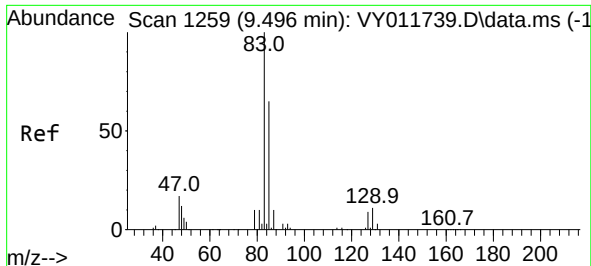
Ion Ratio Lower Upper

93 100

95 82.4 66.1 99.1

174 106.0 84.7 127.1

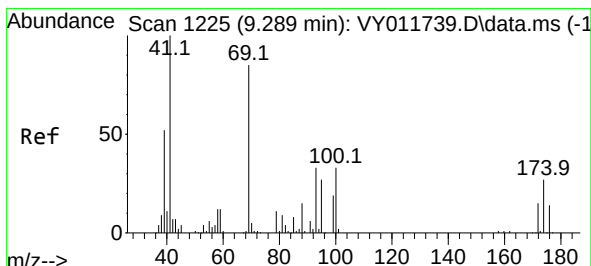
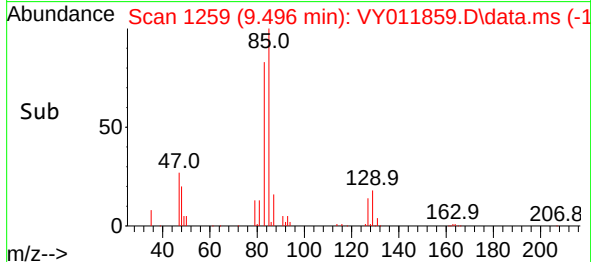
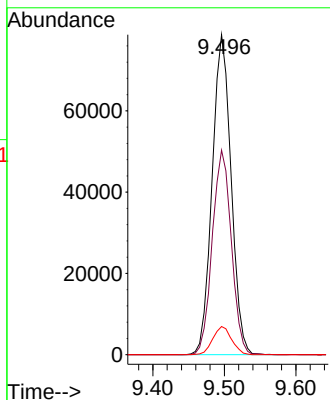
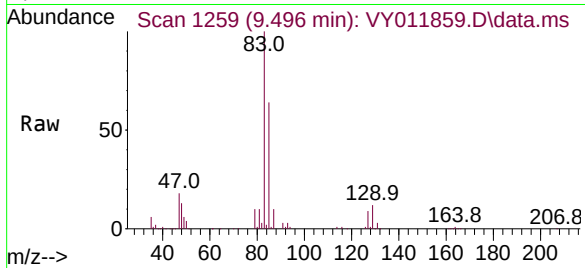




#47
Bromodichloromethane
Concen: 57.022 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

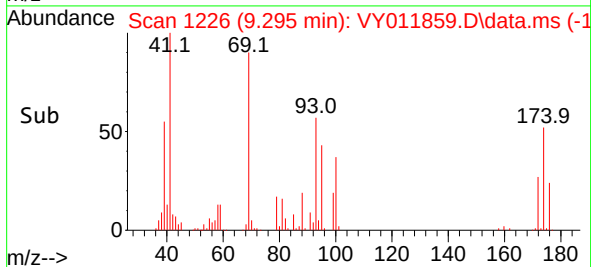
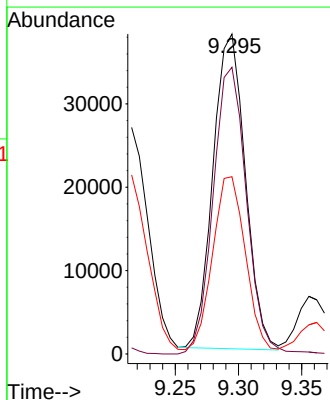
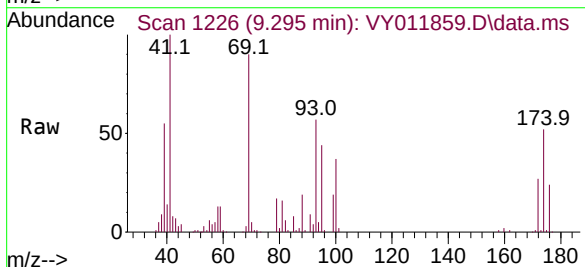
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

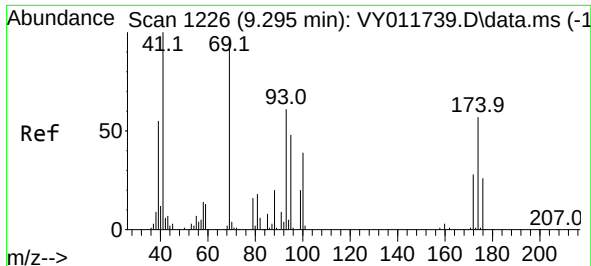
Tgt Ion: 83 Resp: 144745
Ion Ratio Lower Upper
83 100
85 63.9 52.0 78.0
127 8.8 7.3 10.9



#48
Methyl methacrylate
Concen: 63.241 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

Tgt Ion: 41 Resp: 67089
Ion Ratio Lower Upper
41 100
69 94.2 74.2 111.2
39 58.1 46.3 69.5





#49

1,4-Dioxane

Concen: 1336.255 ug/l

RT: 9.301 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY011859.D

Acq: 14 Dec 2022 20:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

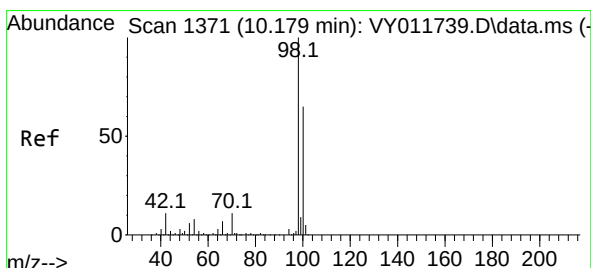
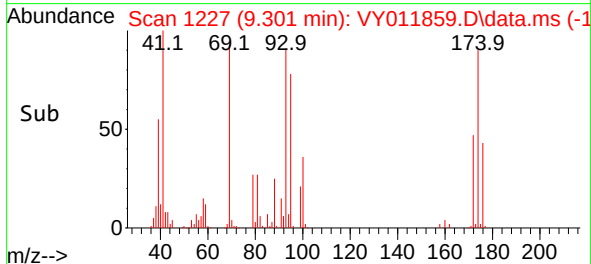
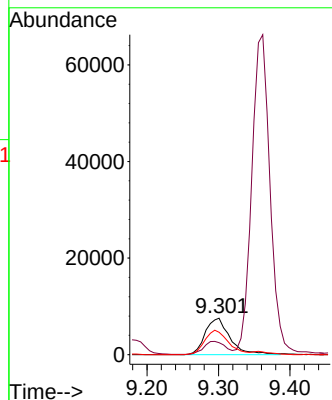
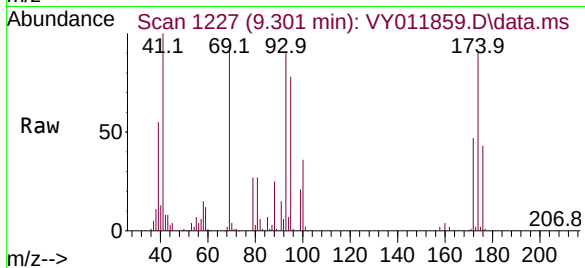
Tgt Ion: 88 Resp: 18189

Ion Ratio Lower Upper

88 100

43 31.0 26.2 39.2

58 64.3 54.3 81.5



#50

Toluene-d8

Concen: 49.046 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011859.D

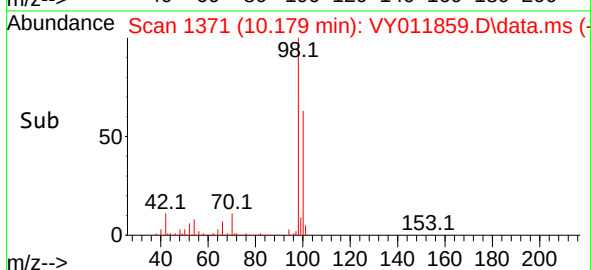
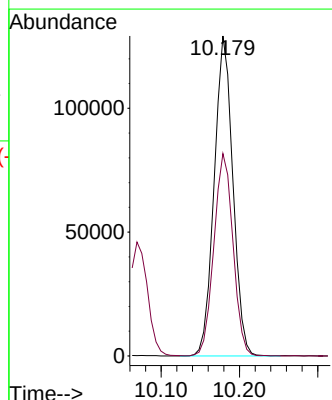
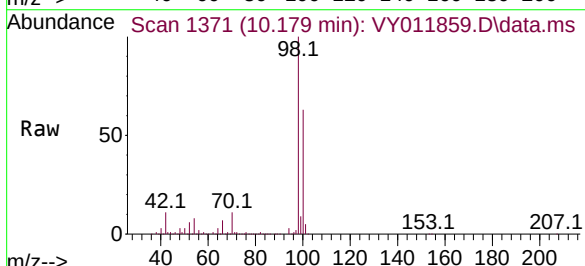
Acq: 14 Dec 2022 20:28

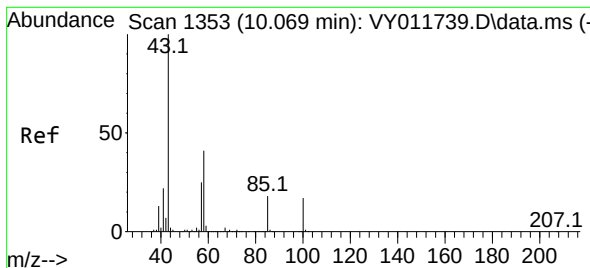
Tgt Ion: 98 Resp: 214284

Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9

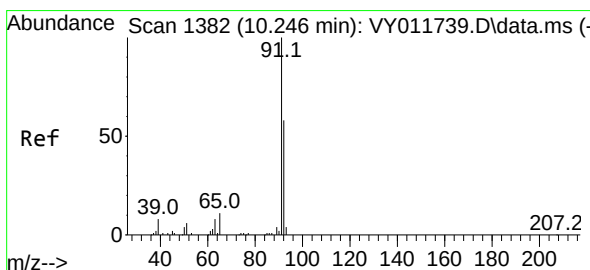
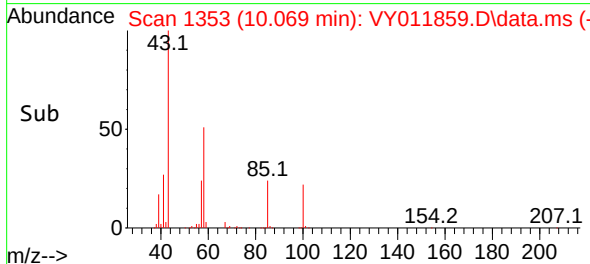
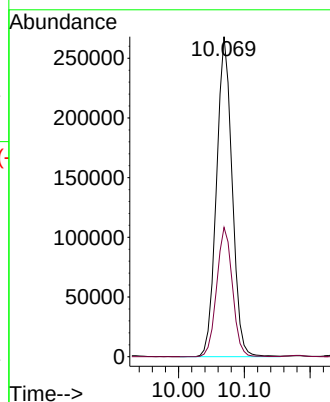
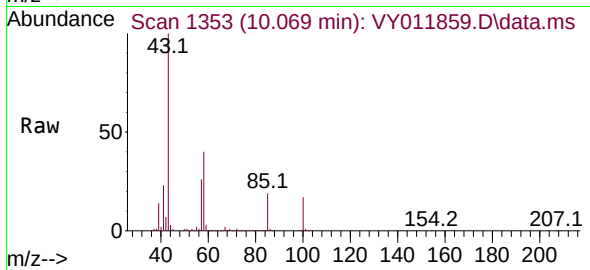




#51
4-Methyl-2-Pentanone
Concen: 334.698 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

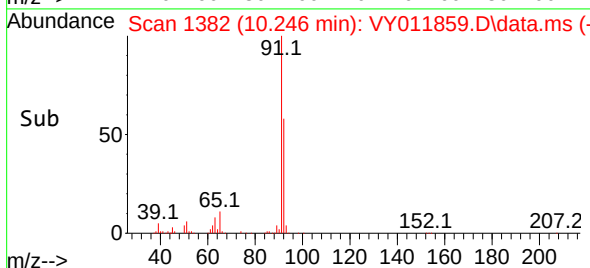
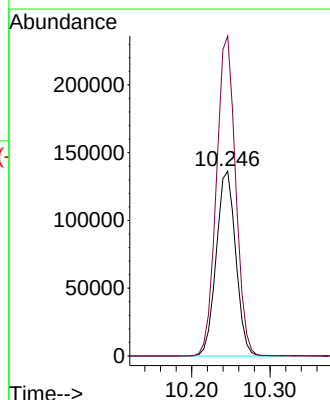
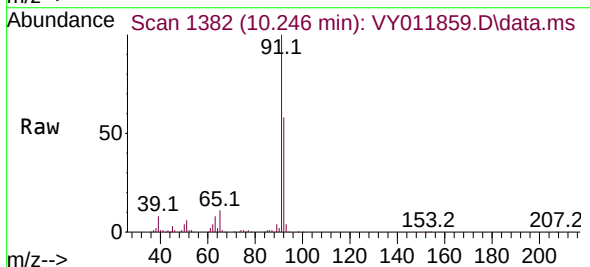
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

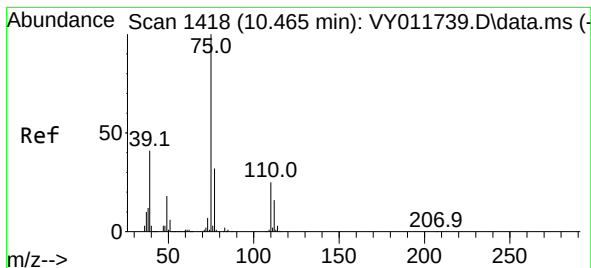
Tgt Ion: 43 Resp: 443835
Ion Ratio Lower Upper
43 100
58 40.6 32.9 49.3



#52
Toluene
Concen: 54.558 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

Tgt Ion: 92 Resp: 235224
Ion Ratio Lower Upper
92 100
91 171.3 137.4 206.0

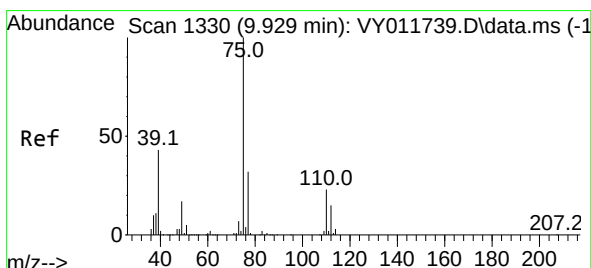
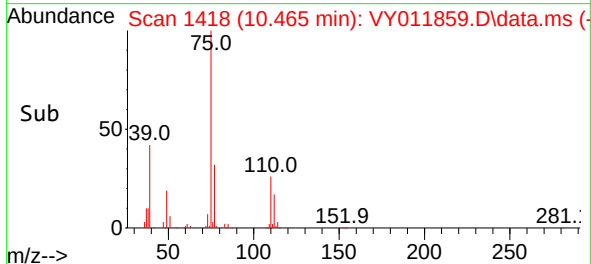
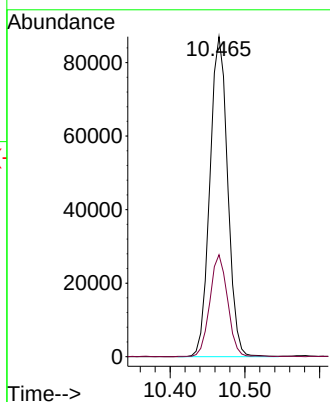
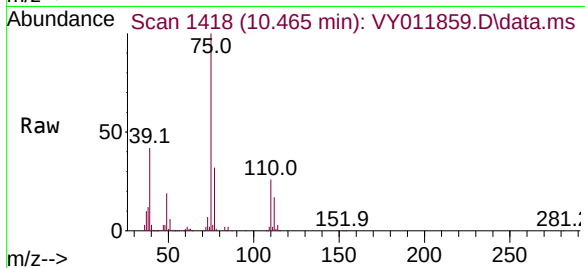




#53
t-1,3-Dichloropropene
Concen: 56.763 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

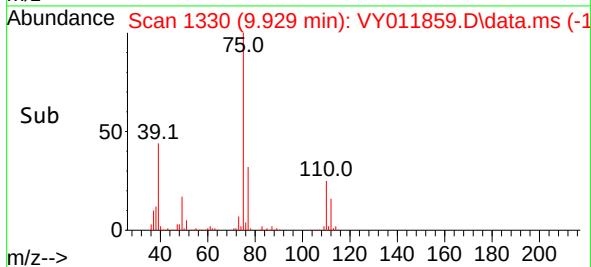
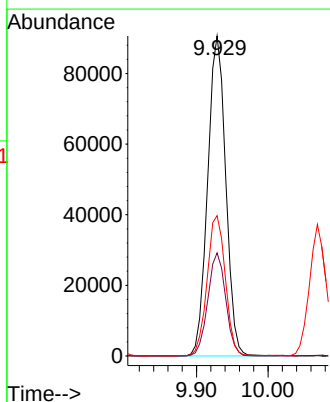
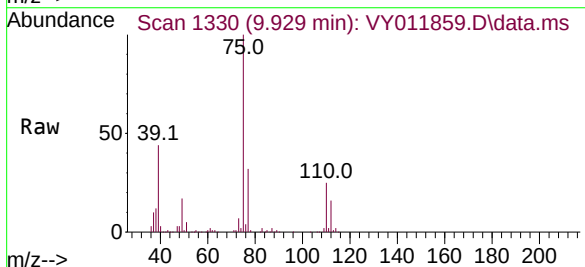
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

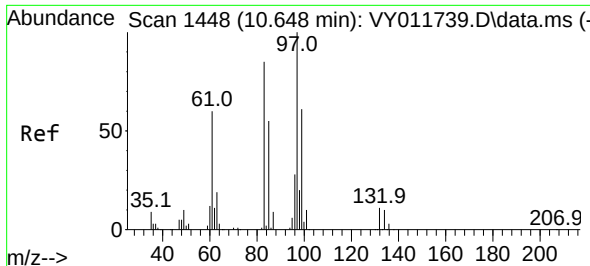
Tgt Ion: 75 Resp: 143922
Ion Ratio Lower Upper
75 100
77 31.8 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 55.853 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

Tgt Ion: 75 Resp: 159112
Ion Ratio Lower Upper
75 100
77 32.2 25.9 38.9
39 43.7 34.6 52.0

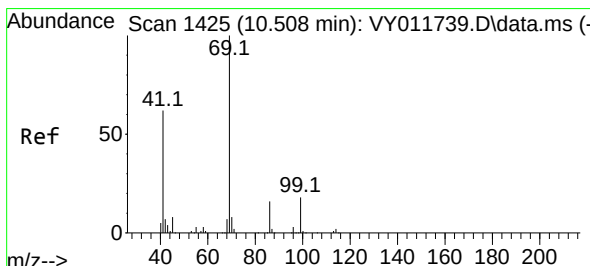
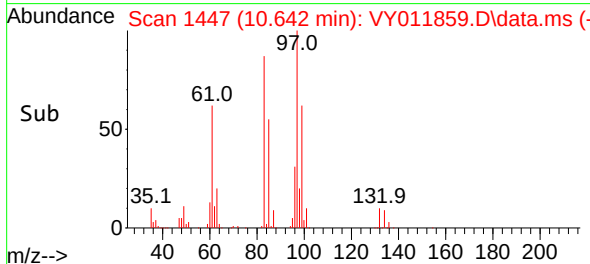
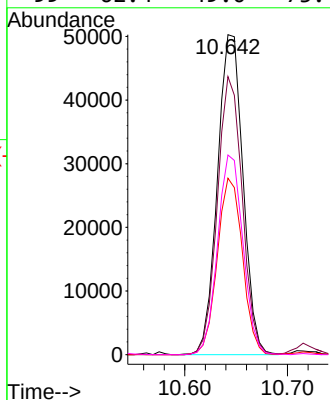
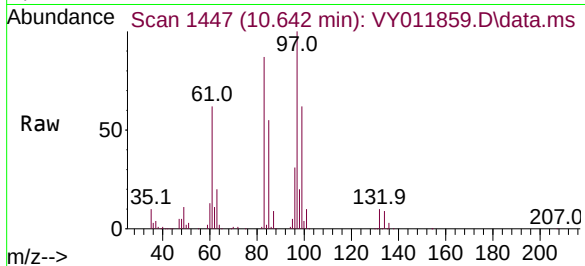




#55
1,1,2-Trichloroethane
Concen: 59.745 ug/l
RT: 10.642 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

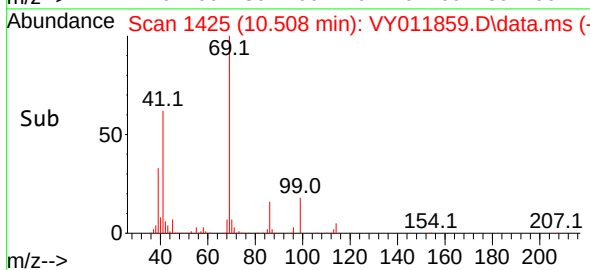
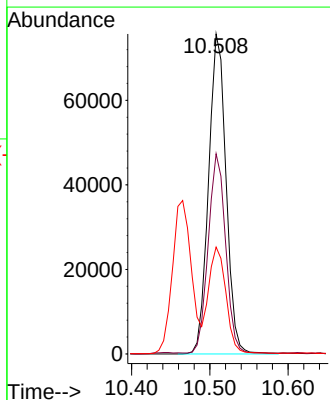
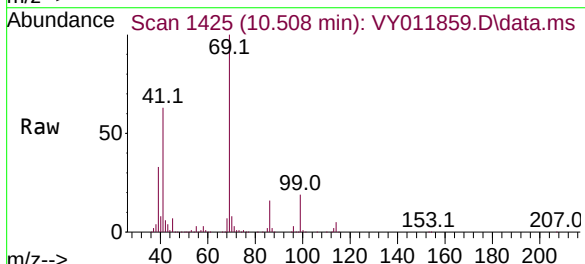
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

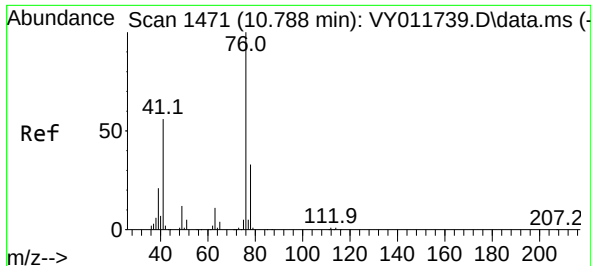
Tgt Ion: 97	Resp: 86765
Ion Ratio	Lower Upper
97 100	
83 86.9	67.7 101.5
85 55.2	43.8 65.8
99 62.4	49.0 73.4



#56
Ethyl methacrylate
Concen: 62.660 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

Tgt Ion: 69	Resp: 117469
Ion Ratio	Lower Upper
69 100	
41 61.9	48.9 73.3
39 32.7	25.9 38.9





#57

1,3-Dichloropropane

Concen: 59.086 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY011859.D

Acq: 14 Dec 2022 20:28

Instrument :

MSVOA_Y

ClientSampleId :

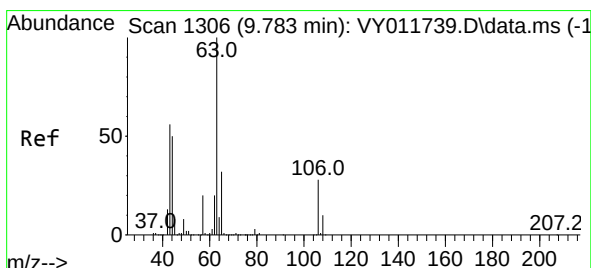
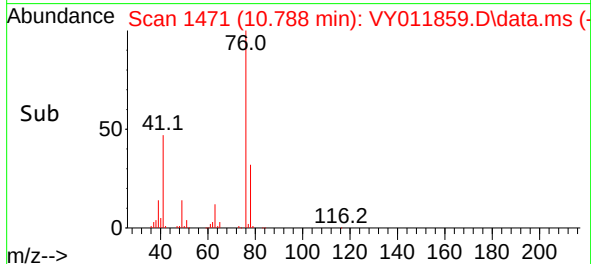
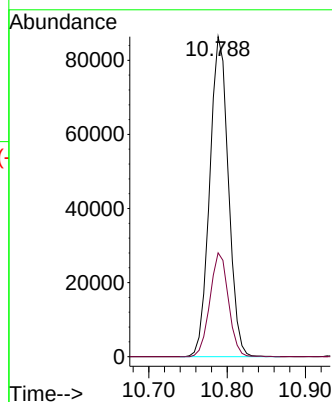
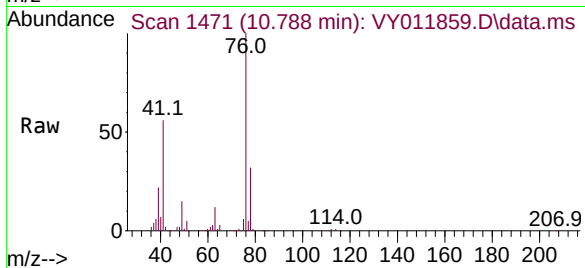
VSTDCCC050EC

Tgt Ion: 76 Resp: 143034

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 308.385 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY011859.D

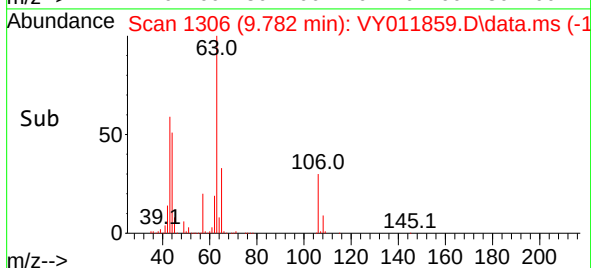
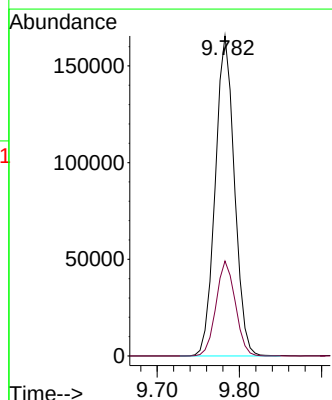
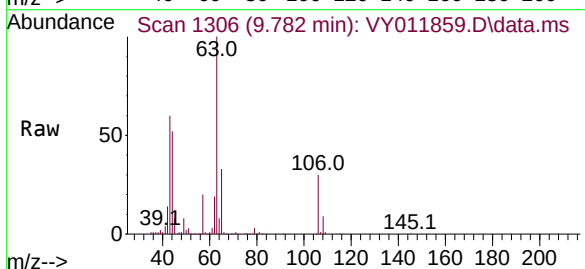
Acq: 14 Dec 2022 20:28

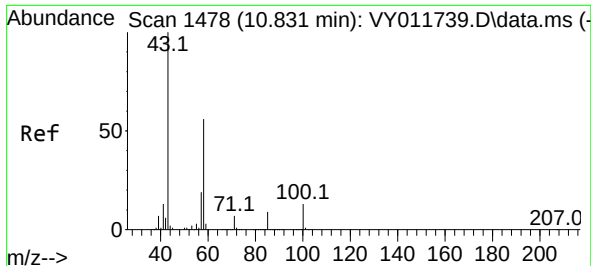
Tgt Ion: 63 Resp: 268081

Ion Ratio Lower Upper

63 100

106 29.7 23.2 34.8





#59

2-Hexanone

Concen: 332.351 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. -0.000 min

Lab File: VY011859.D

Acq: 14 Dec 2022 20:28

Instrument :

MSVOA_Y

ClientSampleId :

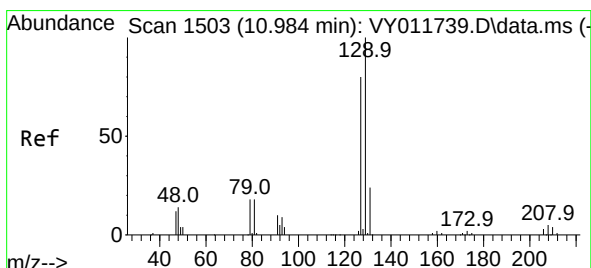
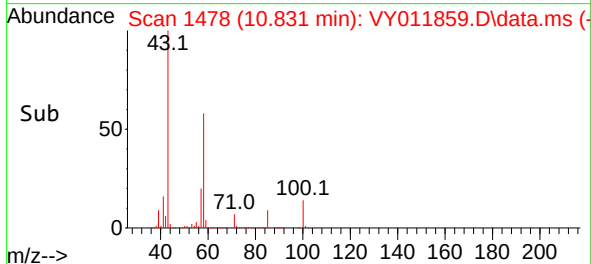
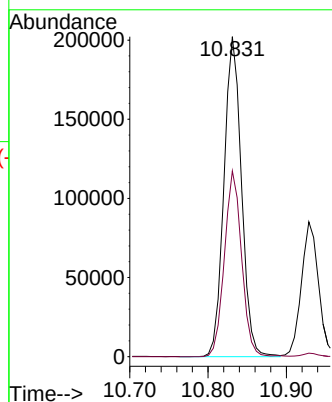
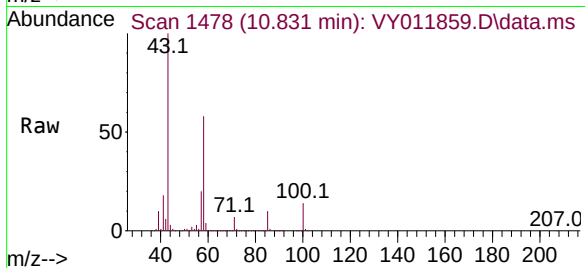
VSTDCCC050EC

Tgt Ion: 43 Resp: 314891

Ion Ratio Lower Upper

43 100

58 57.0 28.4 85.2



#60

Dibromochloromethane

Concen: 59.679 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. -0.000 min

Lab File: VY011859.D

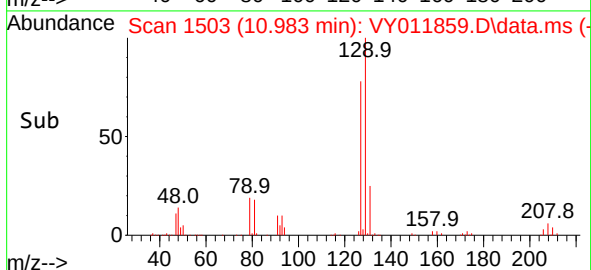
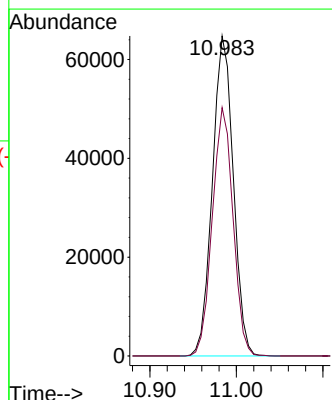
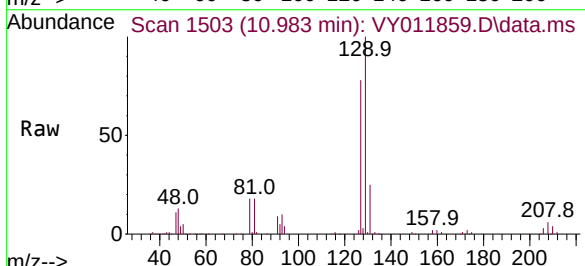
Acq: 14 Dec 2022 20:28

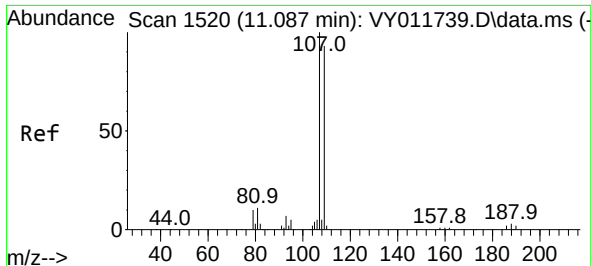
Tgt Ion: 129 Resp: 108552

Ion Ratio Lower Upper

129 100

127 76.9 38.9 116.6

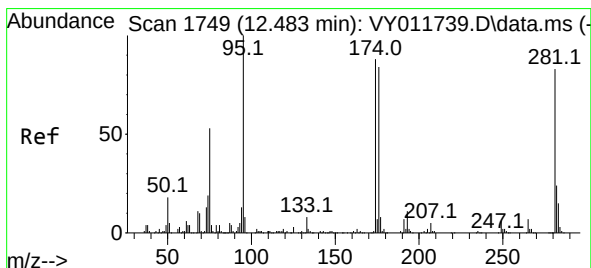
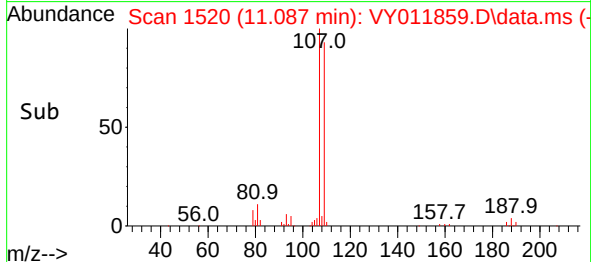
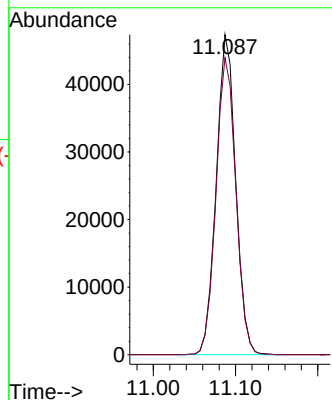
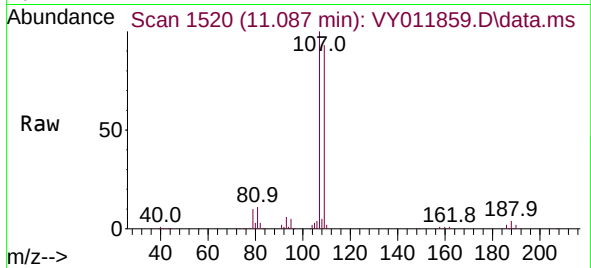




#61
1,2-Dibromoethane
Concen: 59.154 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

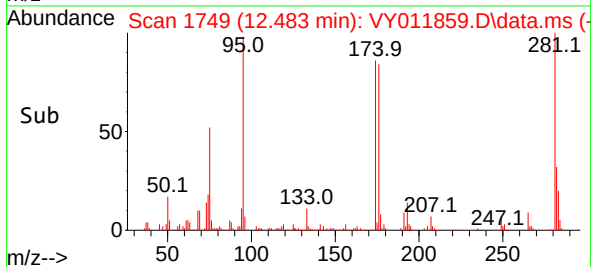
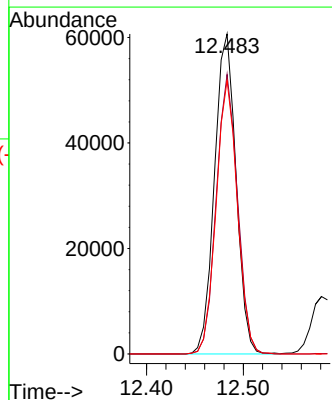
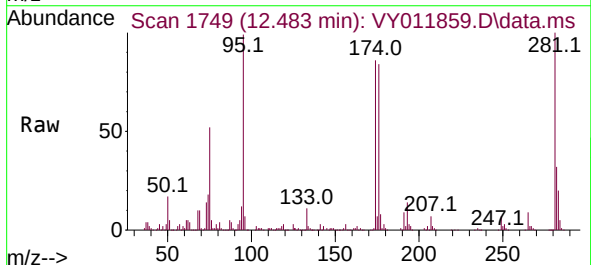
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

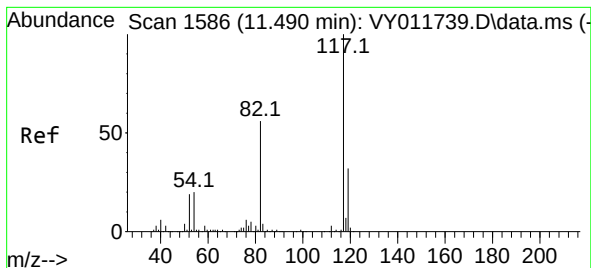
Tgt Ion:107 Resp: 77826
Ion Ratio Lower Upper
107 100
109 94.7 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 54.522 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

Tgt Ion: 95 Resp: 93850
Ion Ratio Lower Upper
95 100
174 86.1 0.0 172.0
176 83.9 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011859.D

Acq: 14 Dec 2022 20:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

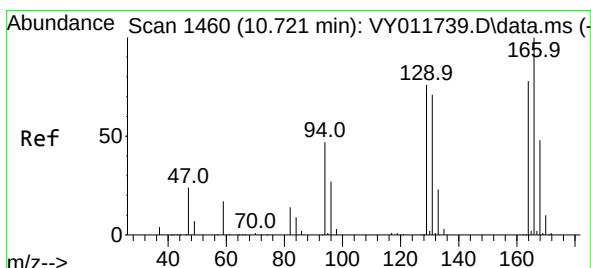
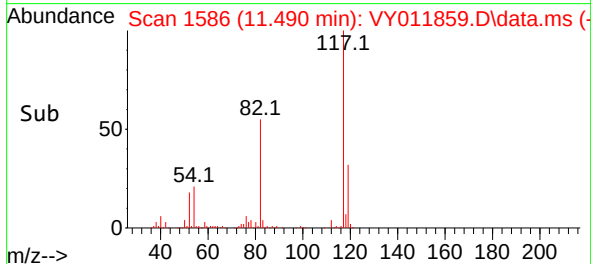
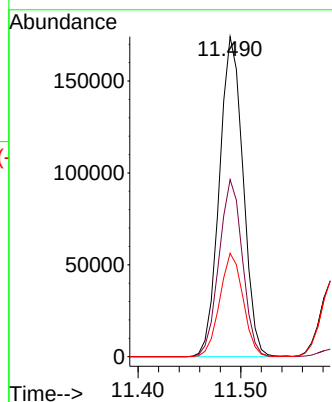
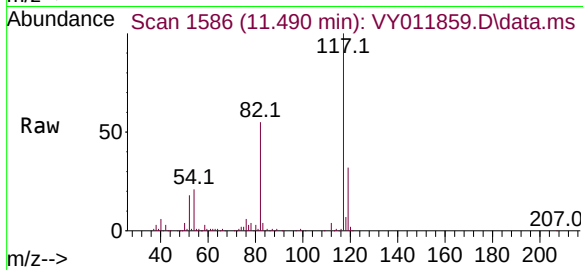
Tgt Ion:117 Resp: 278251

Ion Ratio Lower Upper

117 100

82 55.3 44.8 67.2

119 32.3 25.4 38.2



#64

Tetrachloroethene

Concen: 53.220 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY011859.D

Acq: 14 Dec 2022 20:28

Tgt Ion:164 Resp: 104771

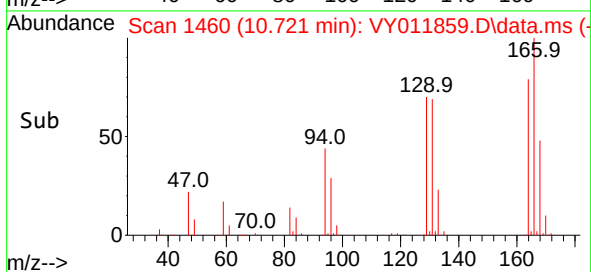
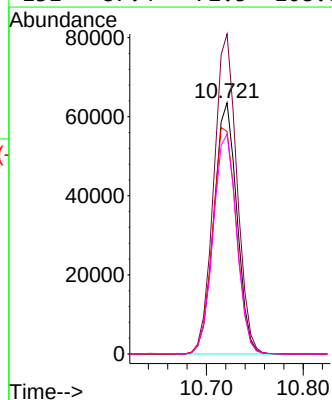
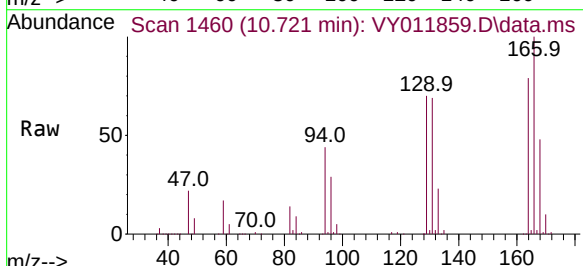
Ion Ratio Lower Upper

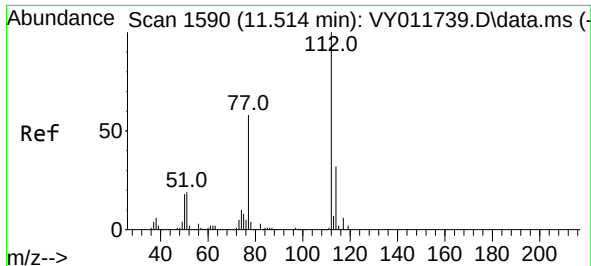
164 100

166 127.4 102.3 153.5

129 88.5 77.2 115.8

131 87.4 72.5 108.7

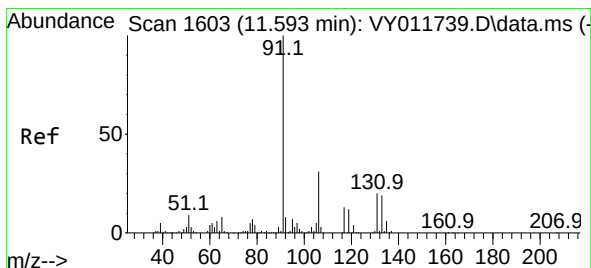
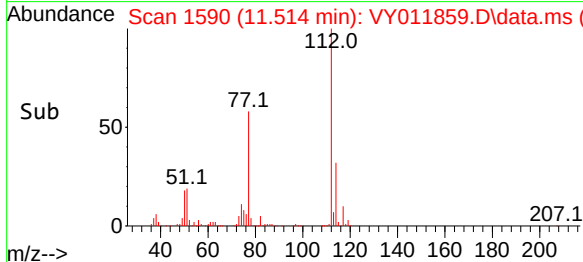
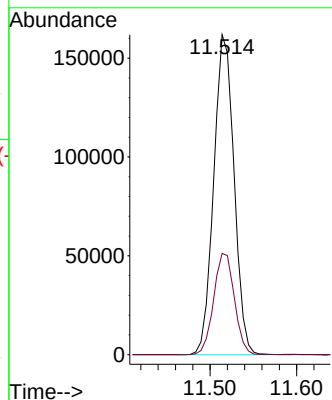
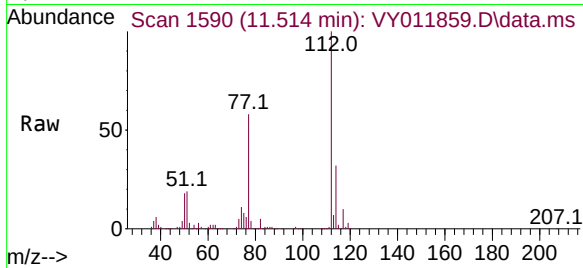




#65
Chlorobenzene
Concen: 52.603 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

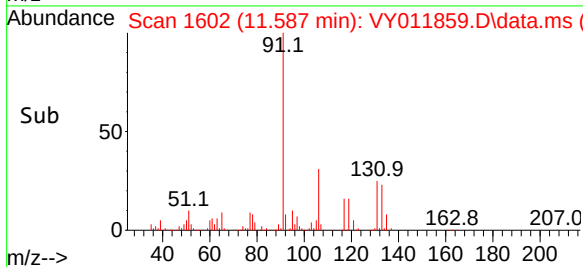
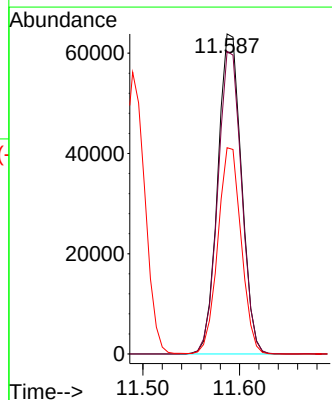
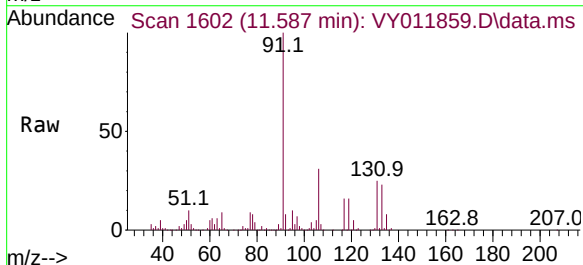
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

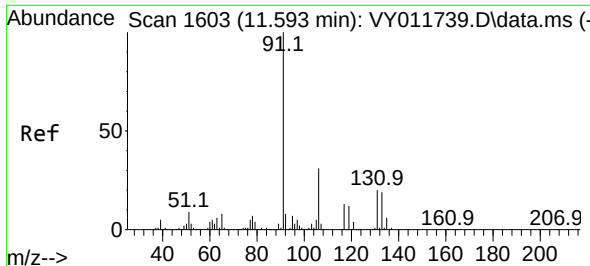
Tgt Ion:112 Resp: 263733
Ion Ratio Lower Upper
112 100
114 31.7 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 55.673 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

Tgt Ion:131 Resp: 108284
Ion Ratio Lower Upper
131 100
133 94.9 47.3 142.0
119 63.7 32.1 96.3





#67

Ethyl Benzene

Concen: 52.000 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY011859.D

Acq: 14 Dec 2022 20:28

Instrument :

MSVOA_Y

ClientSampleId :

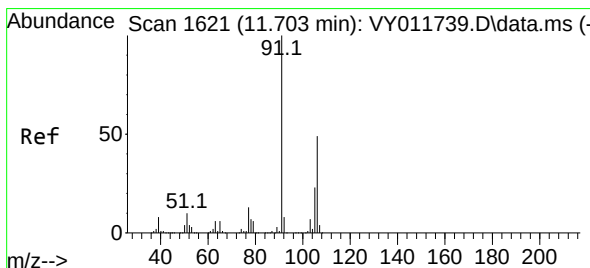
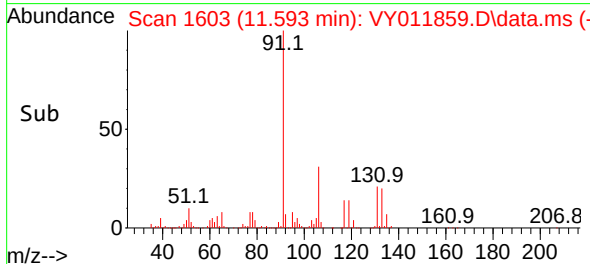
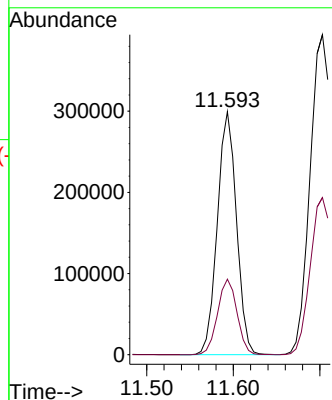
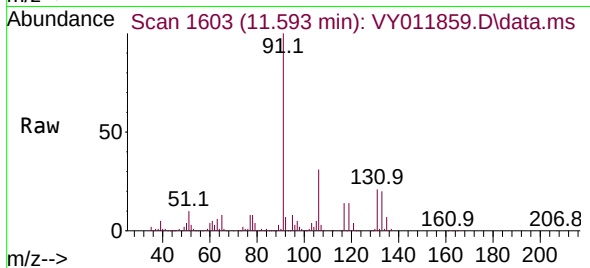
VSTDCCC050EC

Tgt Ion: 91 Resp: 459372

Ion Ratio Lower Upper

91 100

106 31.1 25.0 37.4



#68

m/p-Xylenes

Concen: 104.806 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY011859.D

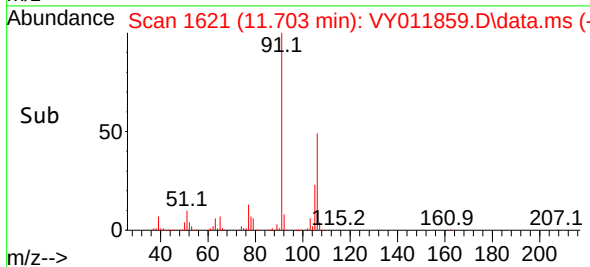
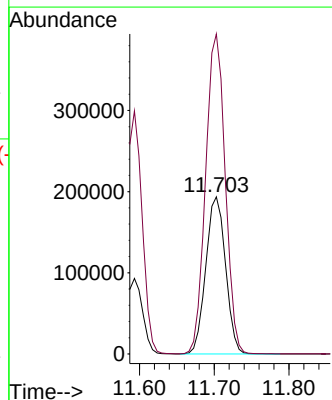
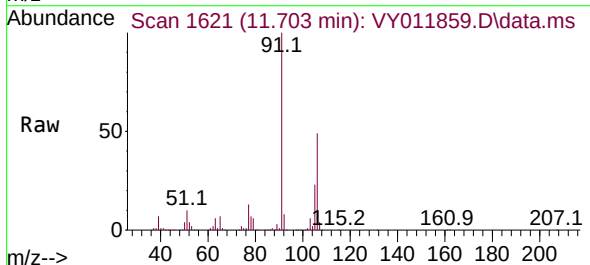
Acq: 14 Dec 2022 20:28

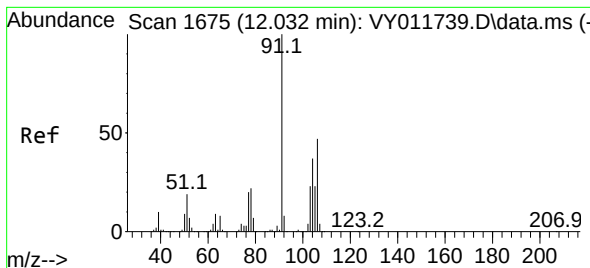
Tgt Ion:106 Resp: 354572

Ion Ratio Lower Upper

106 100

91 202.2 162.5 243.7

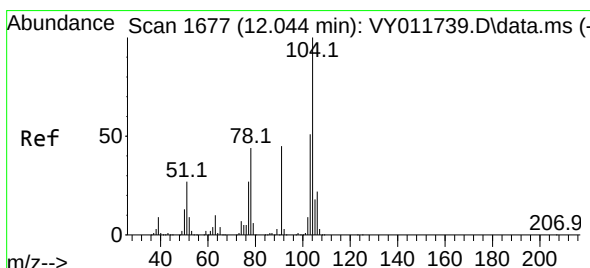
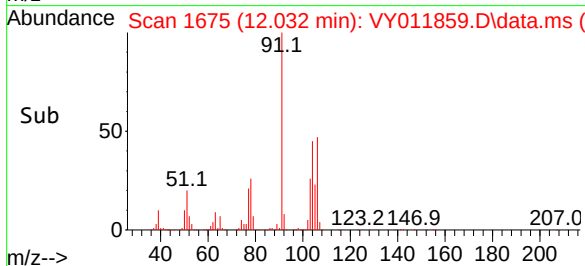
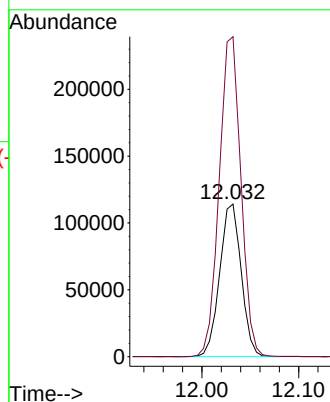
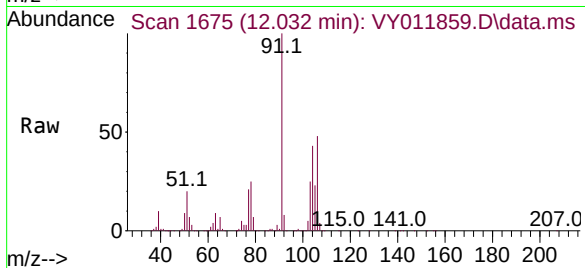




#69
o-Xylene
Concen: 54.680 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

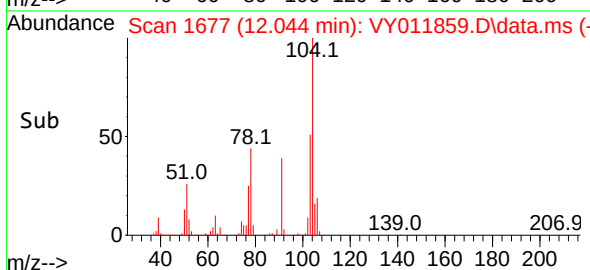
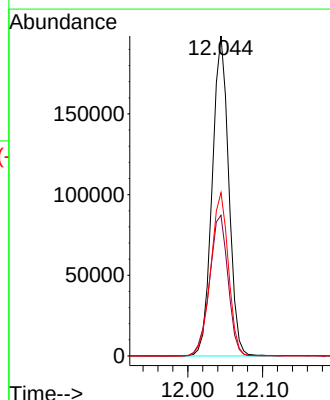
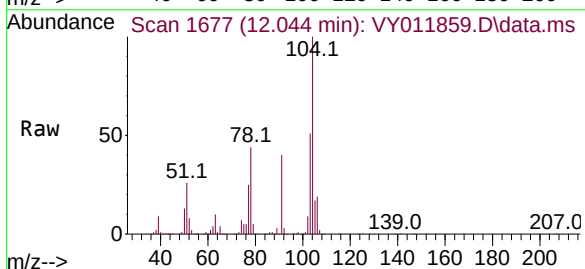
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

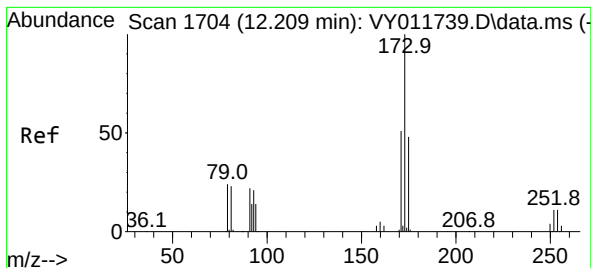
Tgt Ion:106 Resp: 176329
Ion Ratio Lower Upper
106 100
91 211.9 107.5 322.4



#70
Styrene
Concen: 55.310 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

Tgt Ion:104 Resp: 304419
Ion Ratio Lower Upper
104 100
78 49.1 39.4 59.0
103 54.6 43.0 64.4





#71

Bromoform

Concen: 60.217 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY011859.D

Acq: 14 Dec 2022 20:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

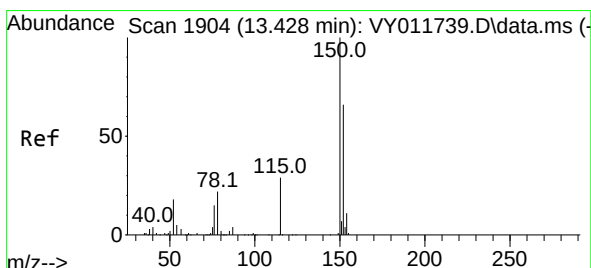
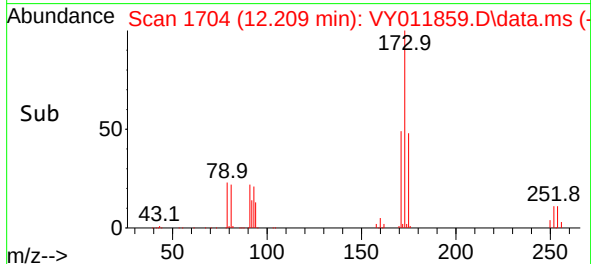
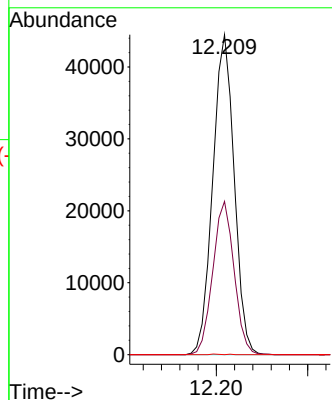
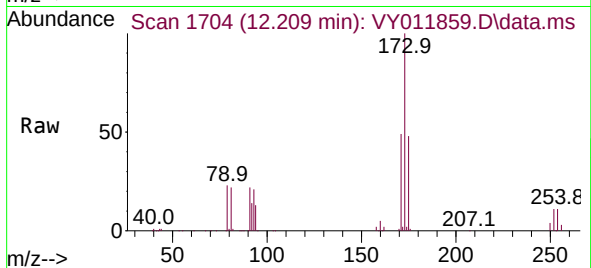
Tgt Ion:173 Resp: 72242

Ion Ratio Lower Upper

173 100

175 47.7 23.8 71.5

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY011859.D

Acq: 14 Dec 2022 20:28

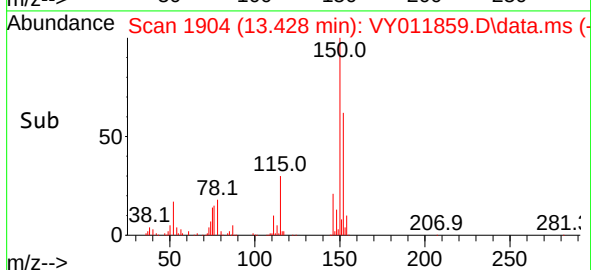
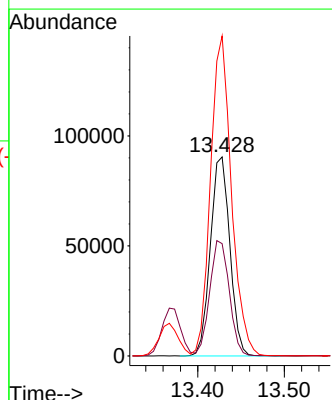
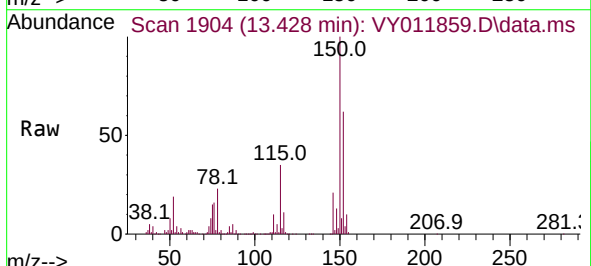
Tgt Ion:152 Resp: 141279

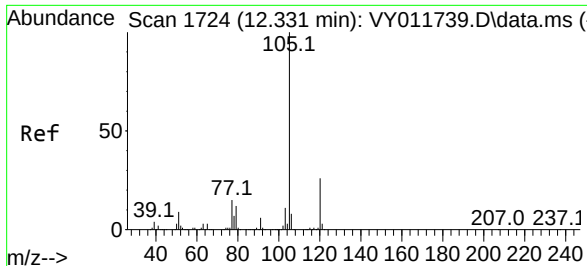
Ion Ratio Lower Upper

152 100

115 57.9 29.1 87.3

150 172.4 0.0 342.6

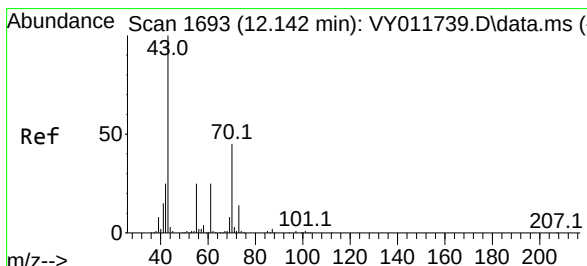
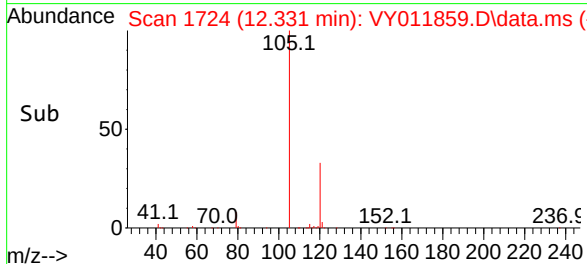
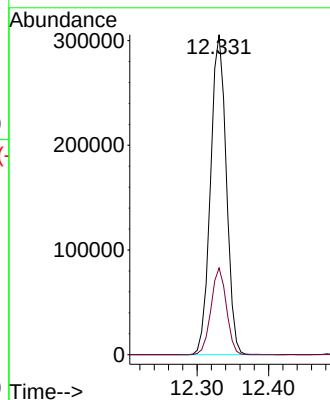
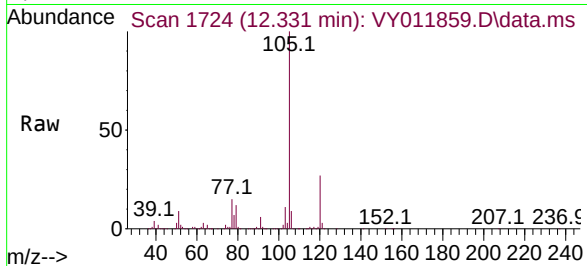




#73
Isopropylbenzene
Concen: 51.070 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

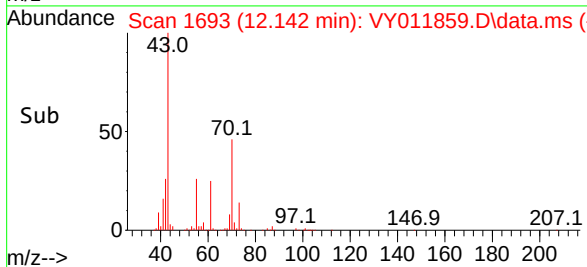
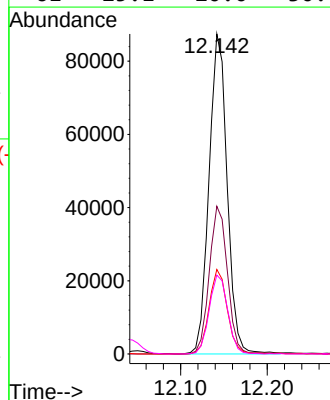
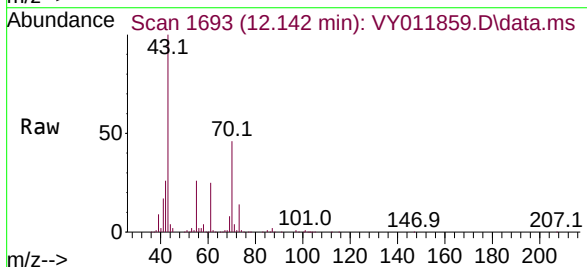
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

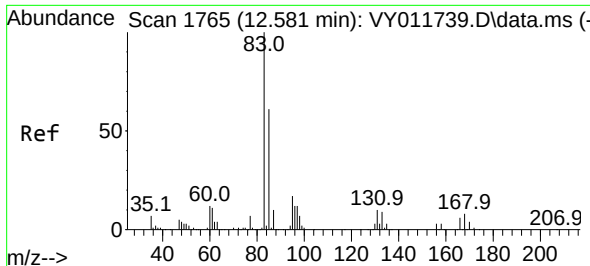
Tgt Ion:105 Resp: 467467
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.6



#74
N-ethyl acetate
Concen: 57.840 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

Tgt Ion: 43 Resp: 127292
Ion Ratio Lower Upper
43 100
70 46.4 35.8 53.8
55 26.4 21.0 31.4
61 25.1 20.0 30.0

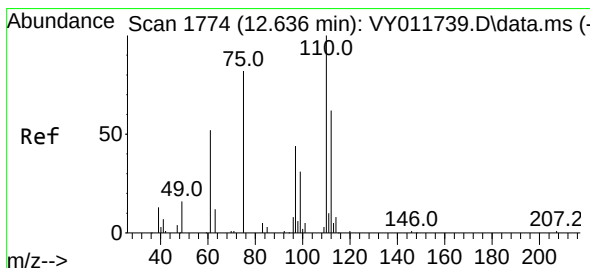
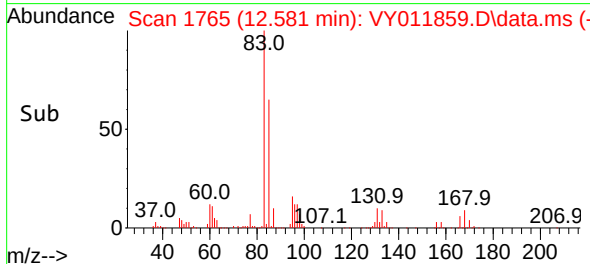
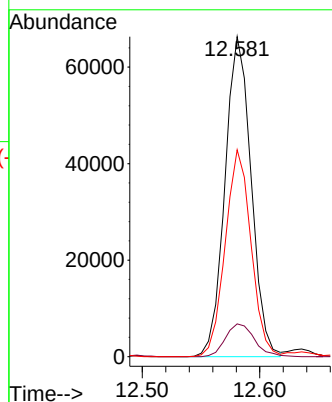
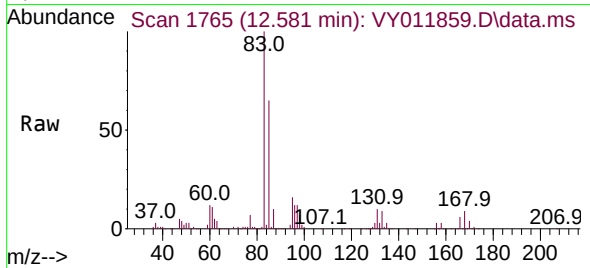




#75
 1,1,2,2-Tetrachloroethane
 Concen: 57.651 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY011859.D
 Acq: 14 Dec 2022 20:28

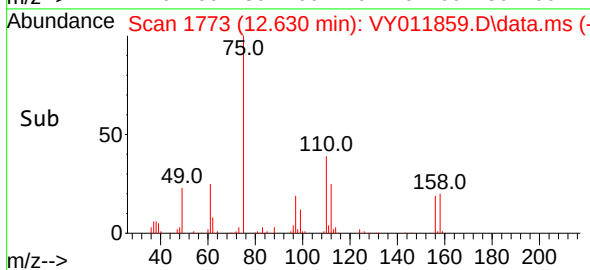
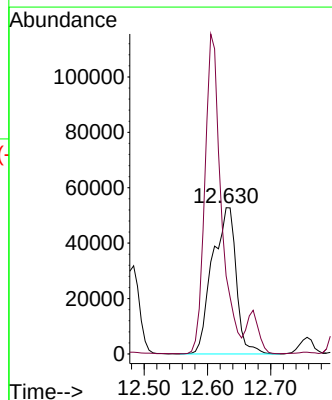
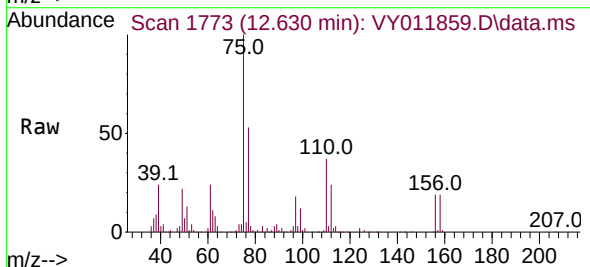
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

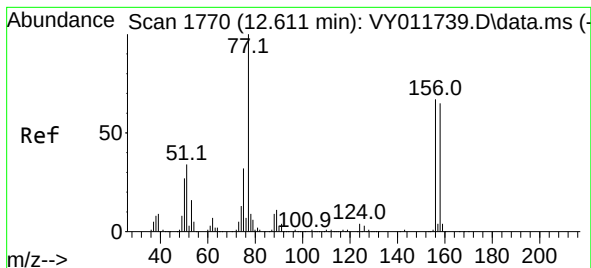
Tgt Ion: 83 Resp: 102771
 Ion Ratio Lower Upper
 83 100
 131 11.3 5.6 16.8
 85 63.7 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 96.801 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. -0.006 min
 Lab File: VY011859.D
 Acq: 14 Dec 2022 20:28

Tgt Ion: 75 Resp: 138365
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.384 ug/l

RT: 12.611 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011859.D

Acq: 14 Dec 2022 20:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

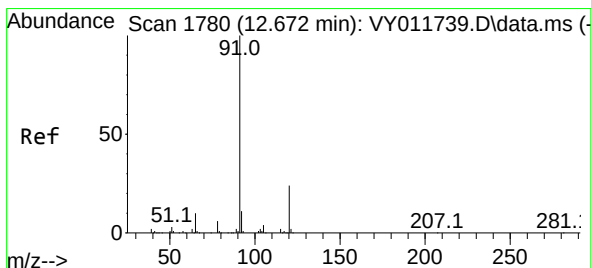
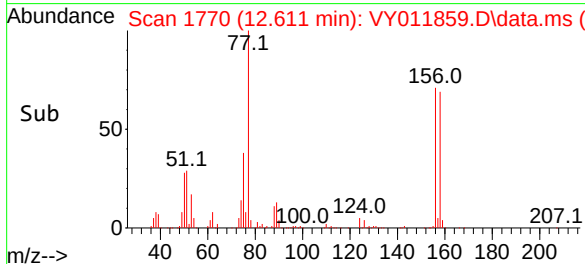
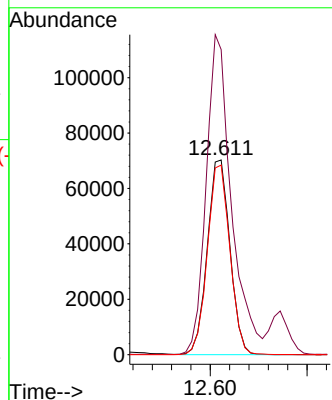
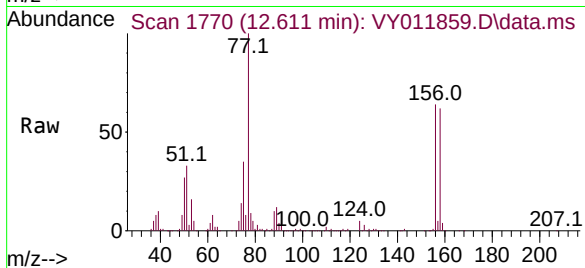
Tgt Ion:156 Resp: 114091

Ion Ratio Lower Upper

156 100

77 182.9 90.0 270.0

158 97.1 48.4 145.2



#78

n-propylbenzene

Concen: 50.466 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY011859.D

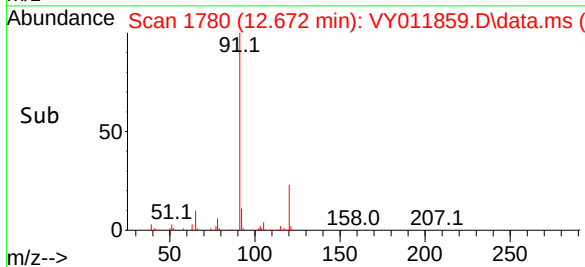
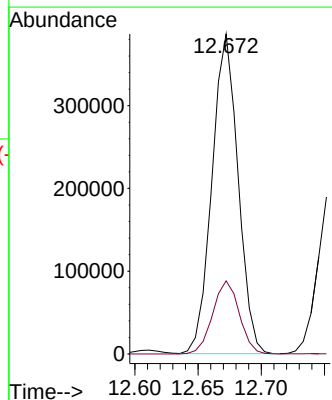
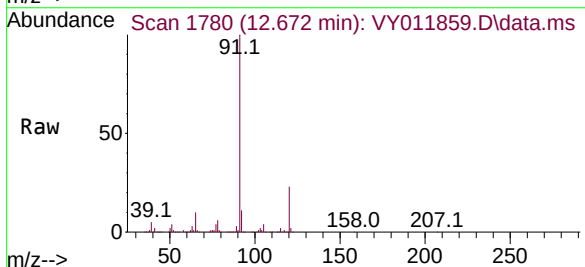
Acq: 14 Dec 2022 20:28

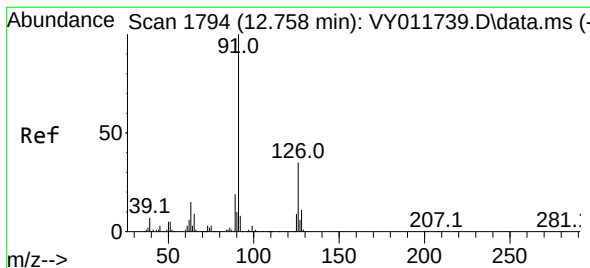
Tgt Ion: 91 Resp: 553586

Ion Ratio Lower Upper

91 100

120 23.2 11.8 35.4

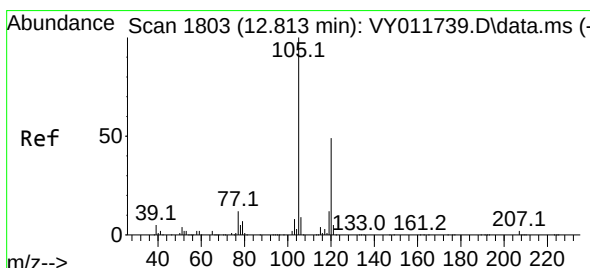
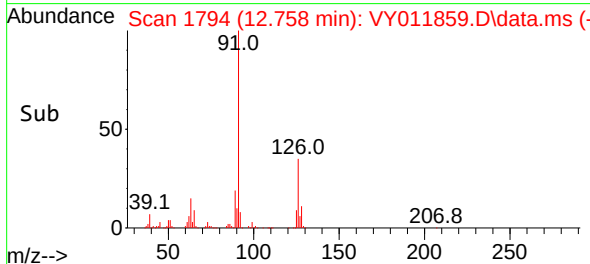
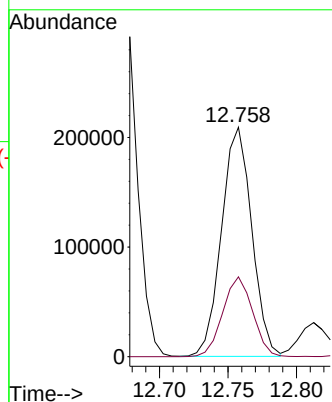
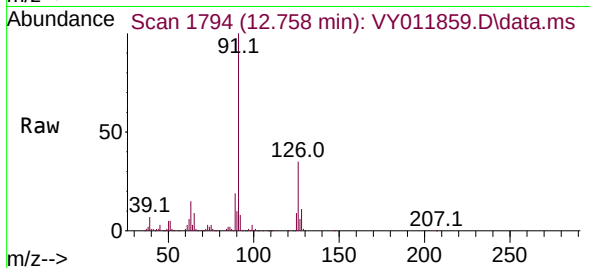




#79
2-Chlorotoluene
Concen: 51.358 ug/l
RT: 12.758 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

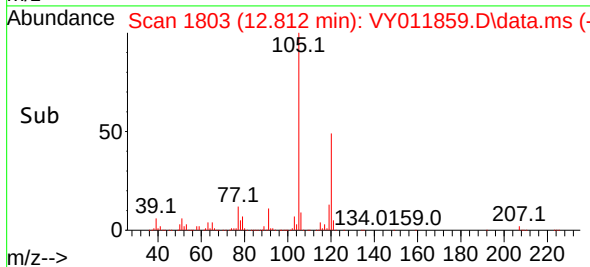
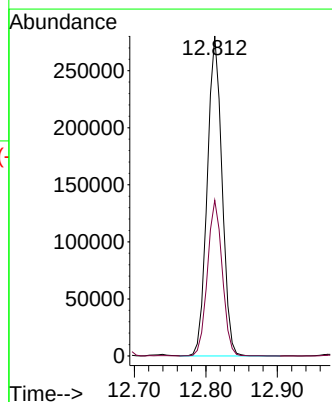
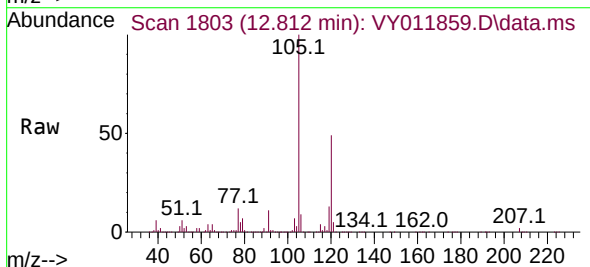
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

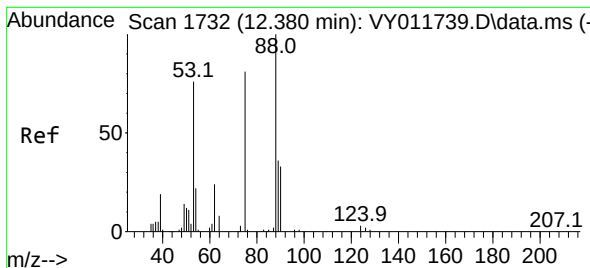
Tgt Ion: 91 Resp: 321523
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 51.968 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

Tgt Ion: 105 Resp: 402076
Ion Ratio Lower Upper
105 100
120 48.8 24.2 72.6

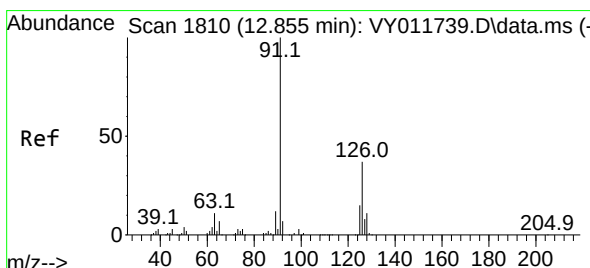
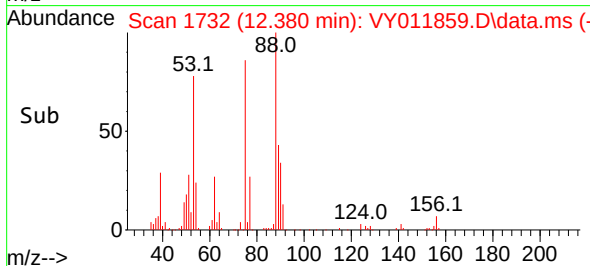
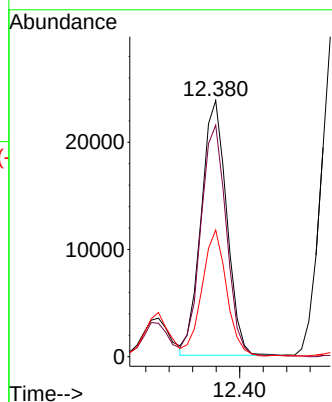
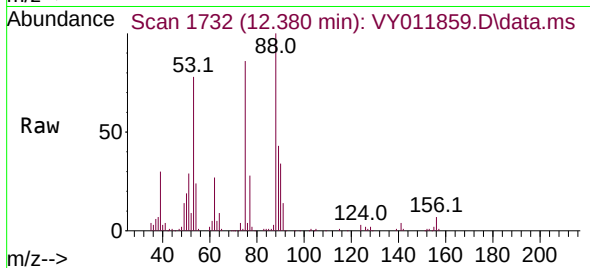




#81
trans-1,4-Dichloro-2-butene
Concen: 57.058 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

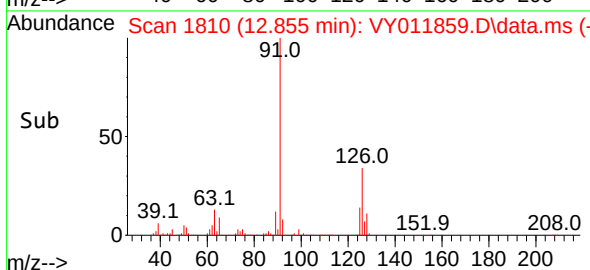
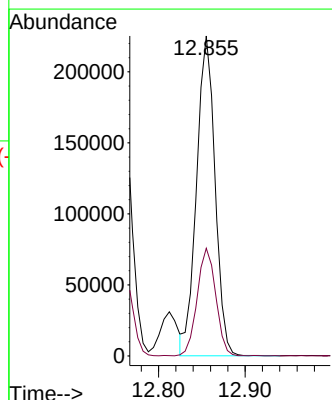
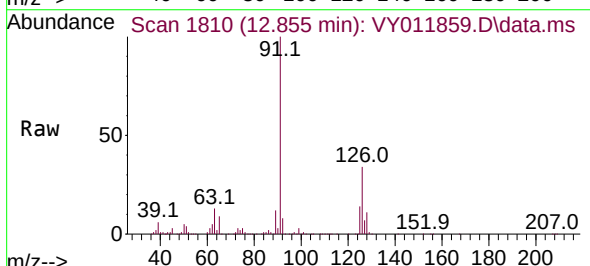
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

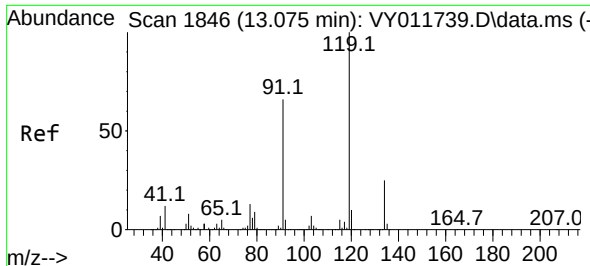
Tgt Ion: 75 Resp: 35941
Ion Ratio Lower Upper
75 100
53 91.7 72.5 108.7
89 47.8 37.0 55.4



#82
4-Chlorotoluene
Concen: 51.274 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

Tgt Ion: 91 Resp: 332940
Ion Ratio Lower Upper
91 100
126 33.9 17.1 51.2

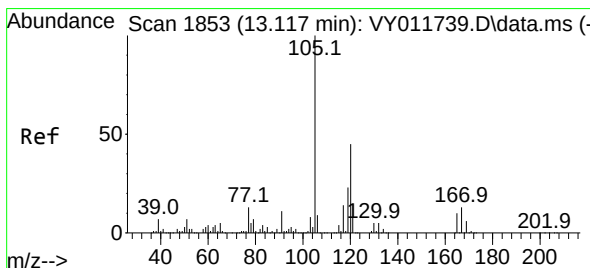
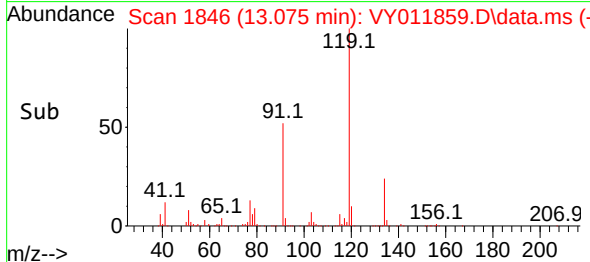
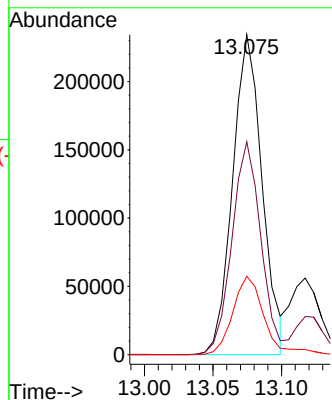
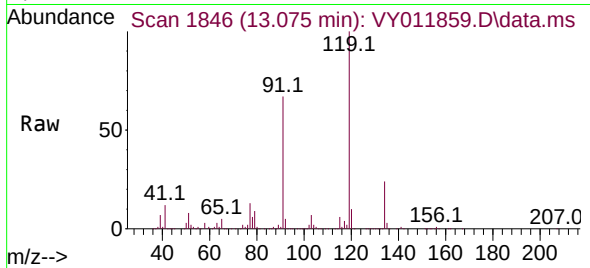




#83
tert-Butylbenzene
Concen: 52.175 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

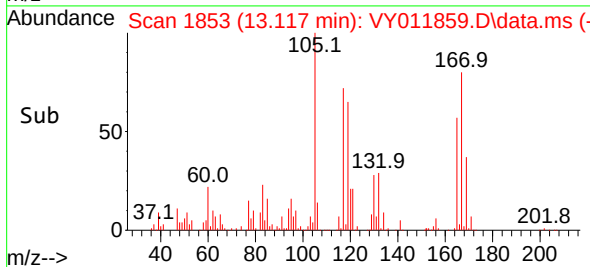
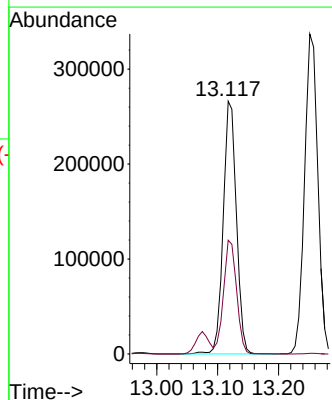
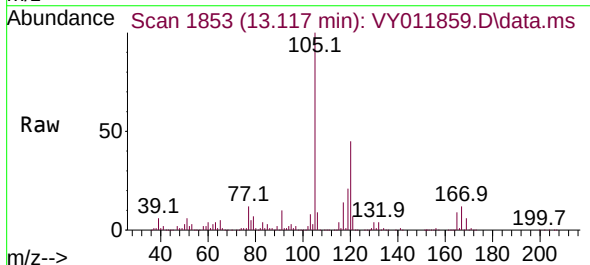
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

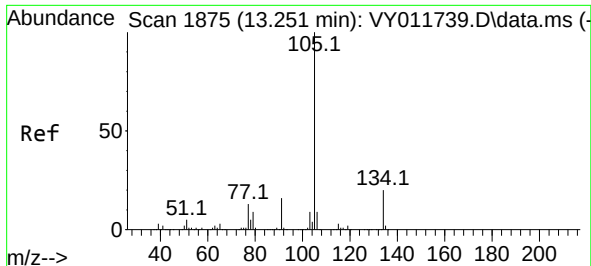
Tgt Ion:119 Resp: 351503
Ion Ratio Lower Upper
119 100
91 65.0 32.3 96.8
134 26.1 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 52.580 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

Tgt Ion:105 Resp: 400548
Ion Ratio Lower Upper
105 100
120 44.6 22.9 68.7

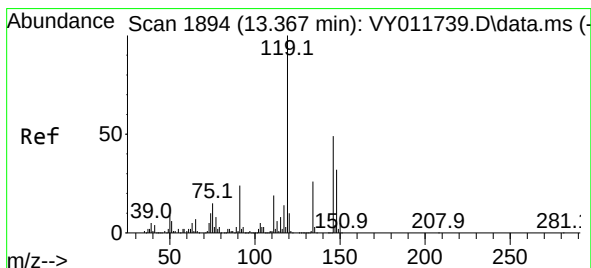
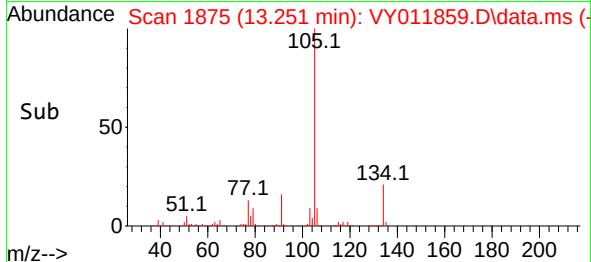
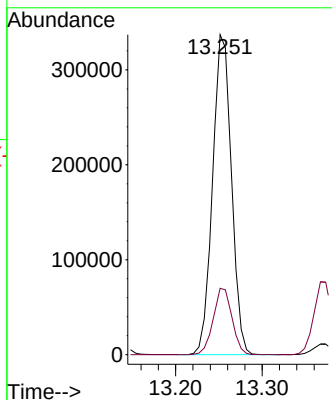
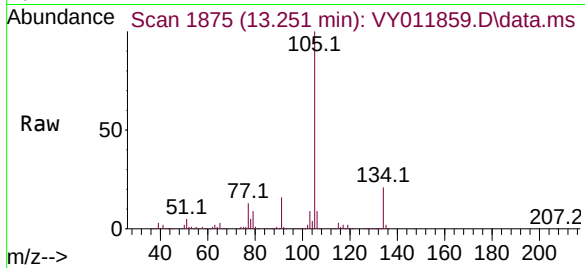




#85
 sec-Butylbenzene
 Concen: 50.750 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY011859.D
 Acq: 14 Dec 2022 20:28

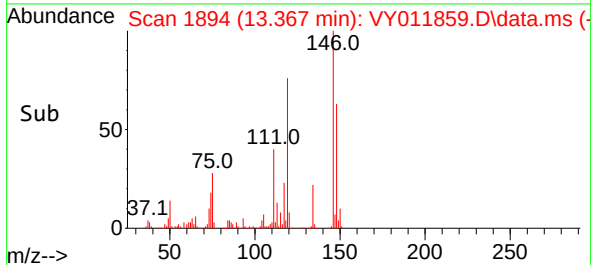
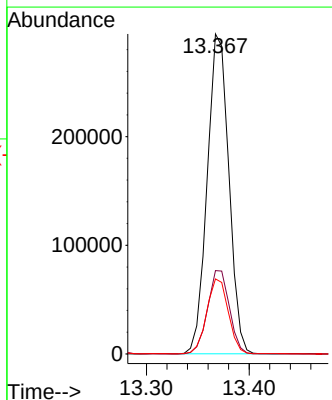
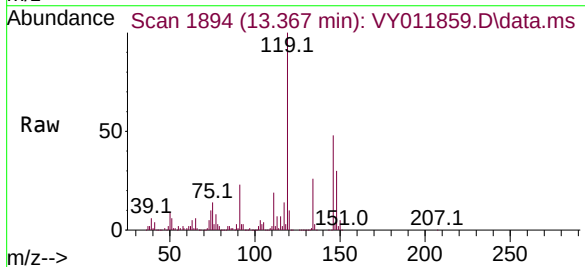
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

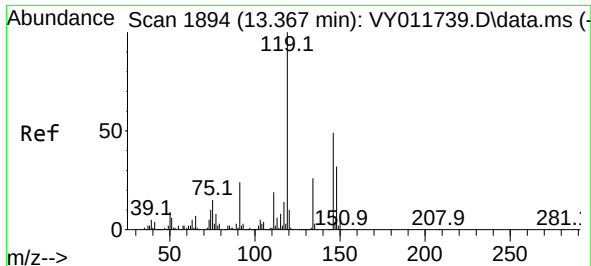
Tgt Ion:105 Resp: 509179
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 51.435 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY011859.D
 Acq: 14 Dec 2022 20:28

Tgt Ion:119 Resp: 429505
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 39.0
 91 23.4 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 52.064 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY011859.D

Acq: 14 Dec 2022 20:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

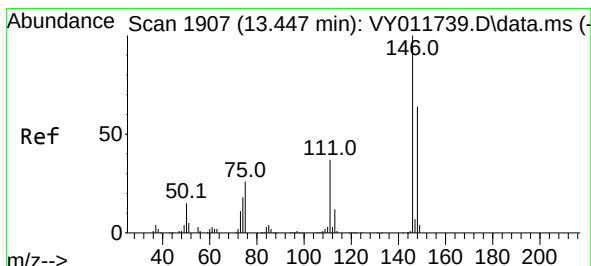
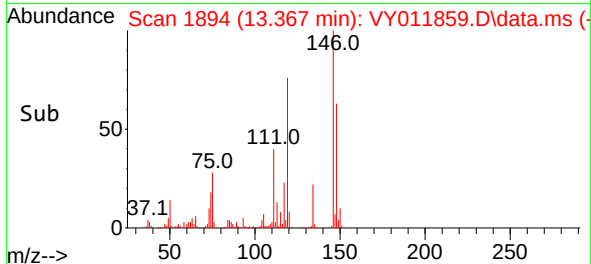
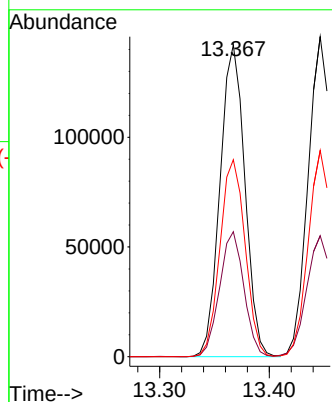
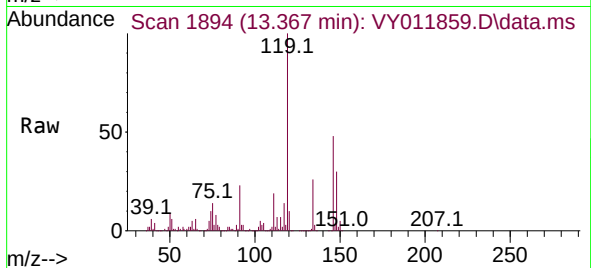
Tgt Ion:146 Resp: 223924

Ion Ratio Lower Upper

146 100

111 39.3 19.7 59.0

148 63.9 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 51.564 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY011859.D

Acq: 14 Dec 2022 20:28

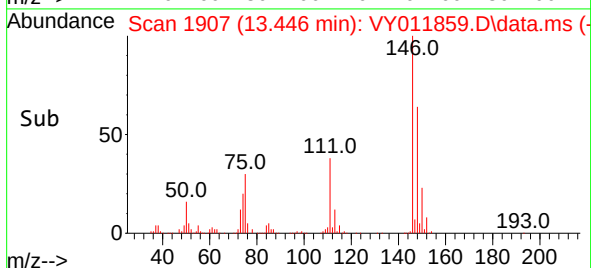
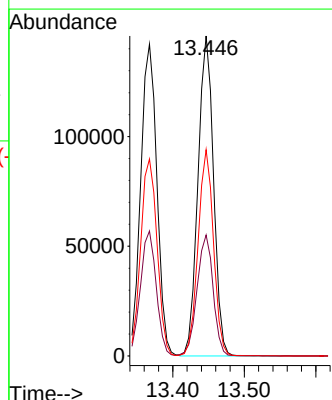
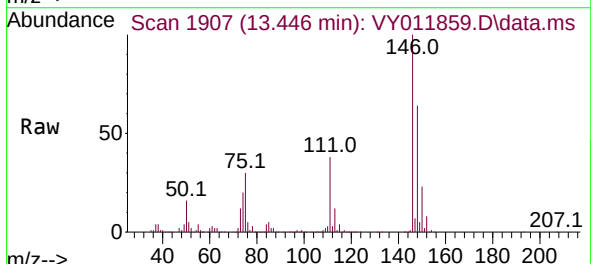
Tgt Ion:146 Resp: 220416

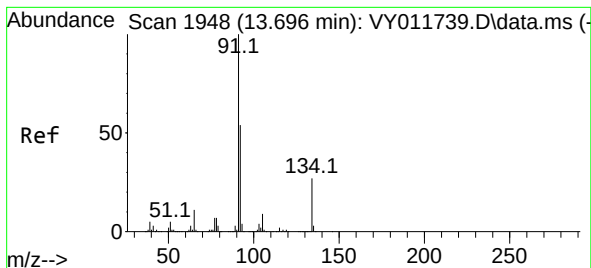
Ion Ratio Lower Upper

146 100

111 38.9 19.6 58.7

148 63.8 31.9 95.7





#89

n-Butylbenzene

Concen: 51.178 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY011859.D

Acq: 14 Dec 2022 20:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

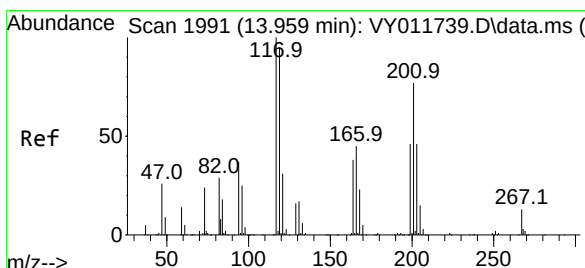
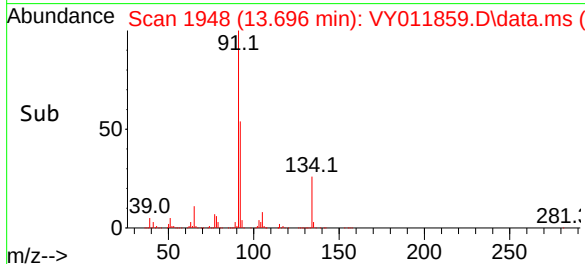
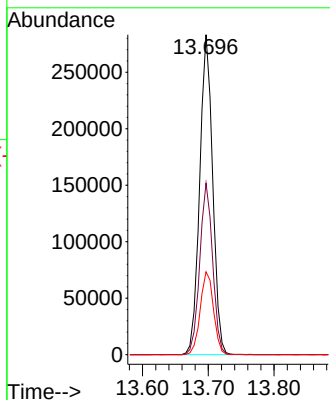
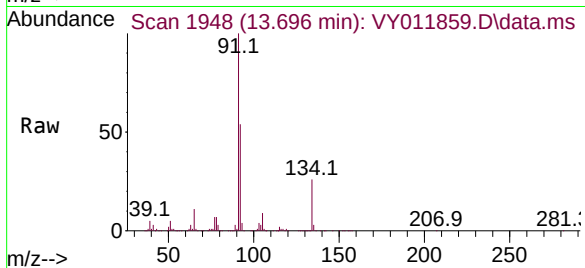
Tgt Ion: 91 Resp: 388498

Ion Ratio Lower Upper

91 100

92 53.3 26.8 80.4

134 26.5 13.3 39.8



#90

Hexachloroethane

Concen: 49.954 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY011859.D

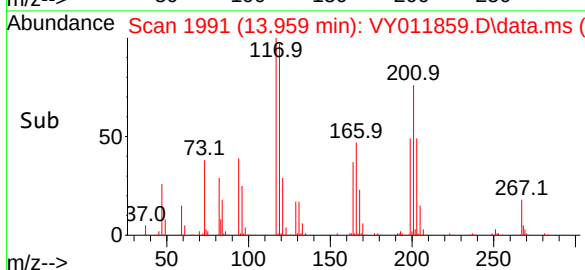
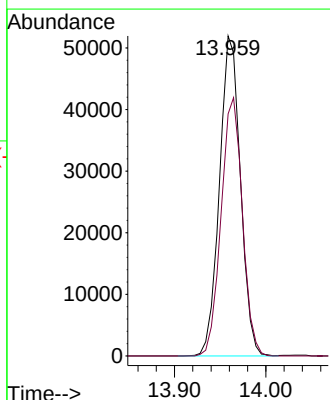
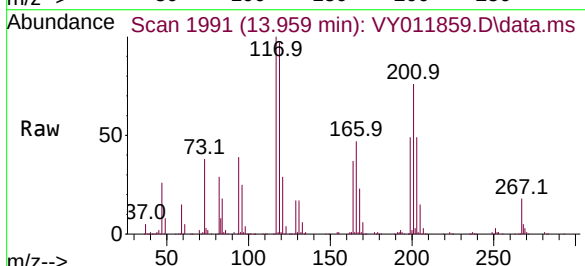
Acq: 14 Dec 2022 20:28

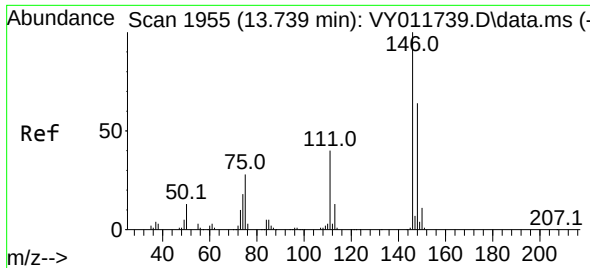
Tgt Ion: 117 Resp: 82889

Ion Ratio Lower Upper

117 100

201 81.8 40.3 120.8

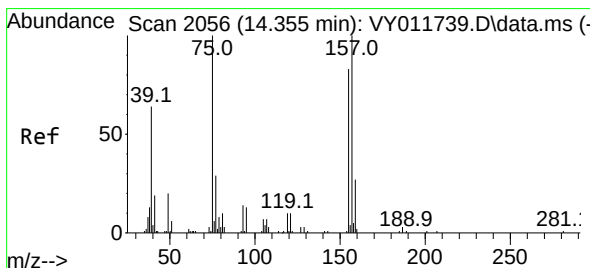
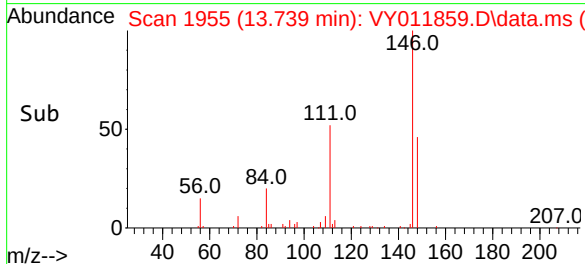
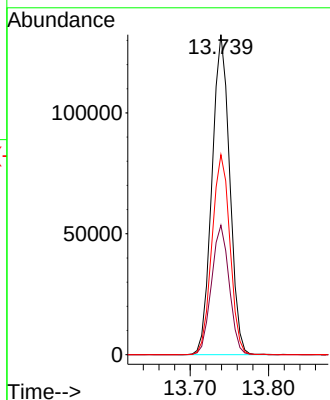
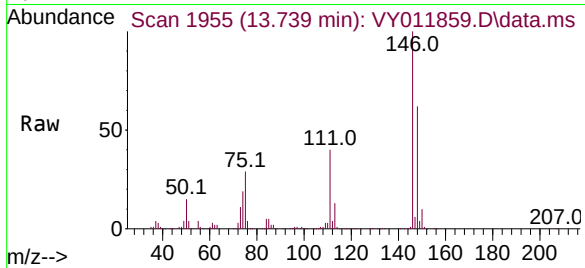




#91
1,2-Dichlorobenzene
Concen: 53.763 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

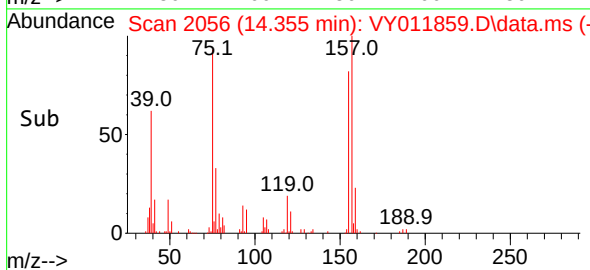
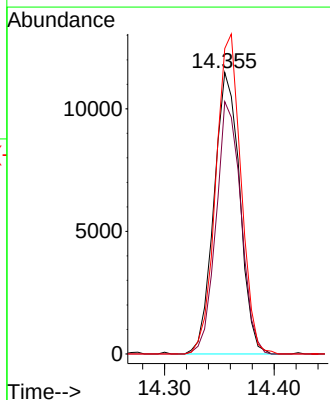
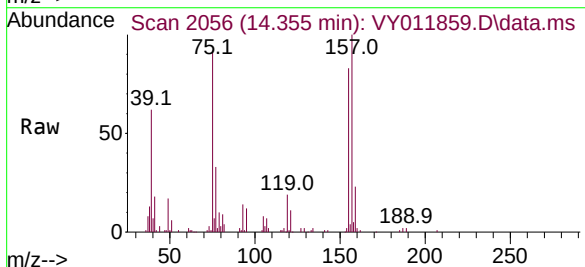
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

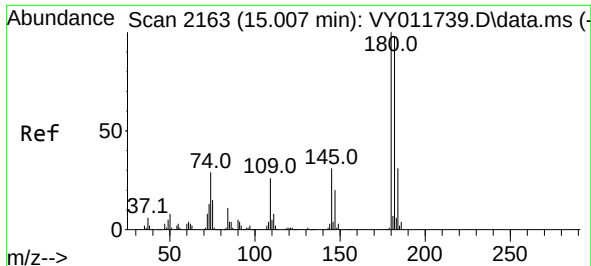
Tgt Ion:146 Resp: 208080
Ion Ratio Lower Upper
146 100
111 40.4 20.3 60.8
148 63.4 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 60.239 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

Tgt Ion: 75 Resp: 18722
Ion Ratio Lower Upper
75 100
155 86.6 42.3 126.8
157 110.7 54.4 163.3

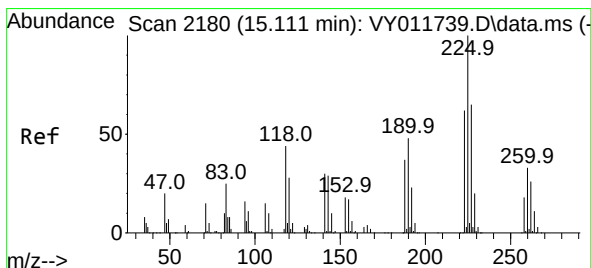
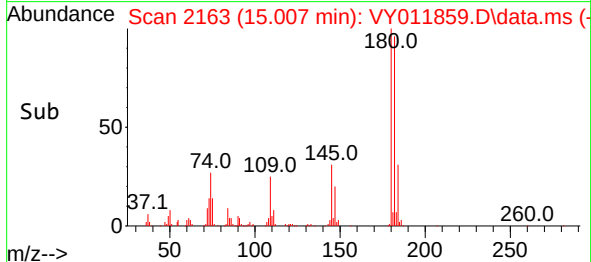
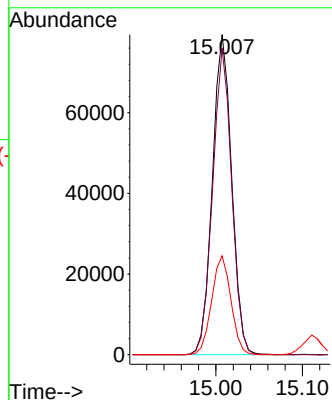
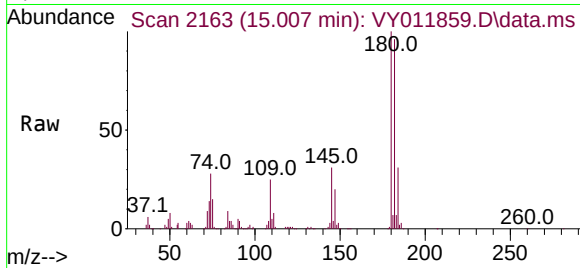




#93
1,2,4-Trichlorobenzene
Concen: 54.327 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

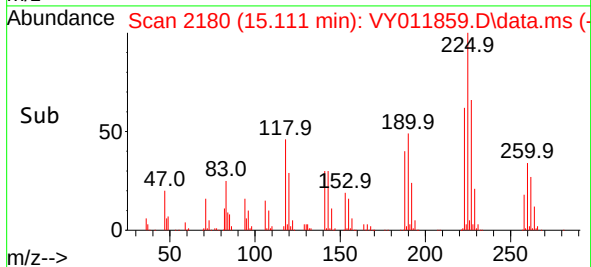
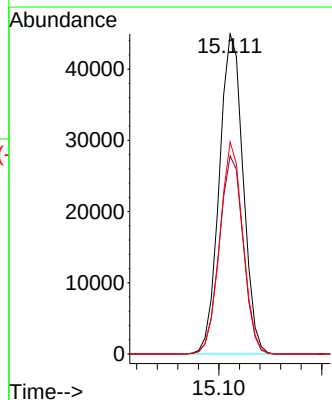
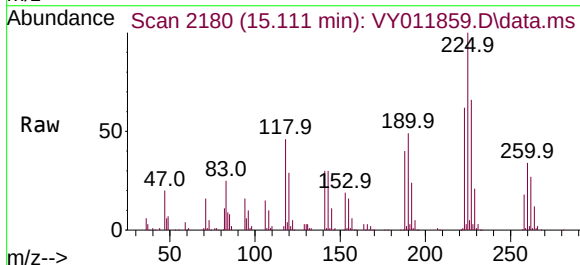
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

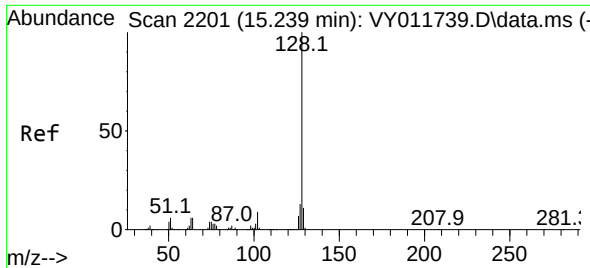
Tgt Ion:180 Resp: 122635
Ion Ratio Lower Upper
180 100
182 94.7 48.1 144.3
145 30.8 15.4 46.4



#94
Hexachlorobutadiene
Concen: 50.227 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

Tgt Ion:225 Resp: 72039
Ion Ratio Lower Upper
225 100
223 62.1 31.4 94.2
227 64.3 32.6 97.8

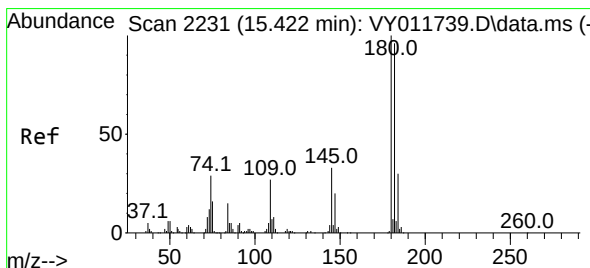
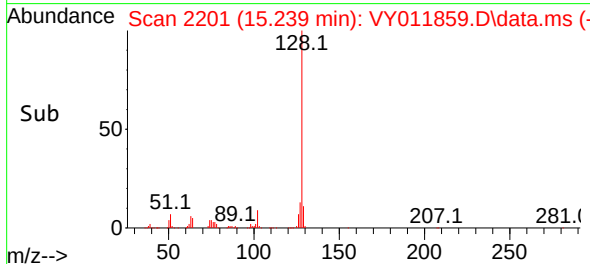
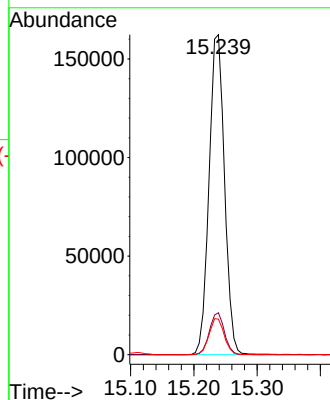
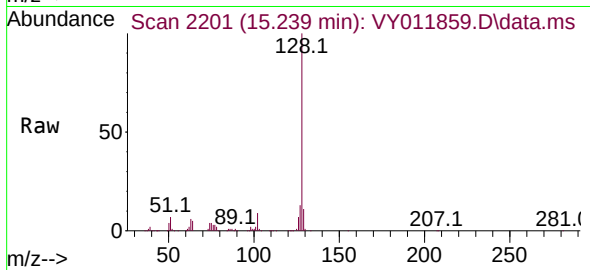




#95
Naphthalene
Concen: 63.171 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 276189
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 56.071 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY011859.D
Acq: 14 Dec 2022 20:28

Tgt Ion:180 Resp: 109328
Ion Ratio Lower Upper
180 100
182 95.0 47.9 143.7
145 32.3 16.1 48.2

