

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042822\
 Data File : VY008537.D
 Acq On : 28 Apr 2022 10:33
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 29 01:58:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	116499	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	193825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	180815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90319	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	64878	47.330	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.660%
35) Dibromofluoromethane	7.722	113	63785	50.991	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.980%
50) Toluene-d8	10.179	98	230397	46.381	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.760%
62) 4-Bromofluorobenzene	12.483	95	80336	47.694	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.380%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	49095	46.407	ug/l	94
3) Chloromethane	2.113	50	76401	45.894	ug/l	94
4) Vinyl Chloride	2.253	62	102516	47.393	ug/l	96
5) Bromomethane	2.650	94	88083	43.794	ug/l	97
6) Chloroethane	2.796	64	68084	47.311	ug/l	95
7) Trichlorofluoromethane	3.131	101	118457	52.863	ug/l	95
8) Diethyl Ether	3.533	74	38800	50.309	ug/l	71
9) 1,1,2-Trichlorotrifluo...	3.899	101	68692	51.496	ug/l	93
10) Methyl Iodide	4.094	142	72540	41.570	ug/l	91
11) Tert butyl alcohol	4.954	59	33894	243.519	ug/l #	93
12) 1,1-Dichloroethene	3.875	96	63589	50.494	ug/l	81
13) Acrolein	3.729	56	28109	192.606	ug/l	97
14) Allyl chloride	4.485	41	83903	51.044	ug/l #	89
15) Acrylonitrile	5.161	53	94038	238.474	ug/l	98
16) Acetone	3.948	43	77116	241.534	ug/l	90
17) Carbon Disulfide	4.198	76	181223	47.598	ug/l	98
18) Methyl Acetate	4.472	43	41000	45.790	ug/l #	80
19) Methyl tert-butyl Ether	5.216	73	196710	49.366	ug/l	92
20) Methylene Chloride	4.716	84	74198	43.937	ug/l #	80
21) trans-1,2-Dichloroethene	5.222	96	74061	48.211	ug/l #	81
22) Diisopropyl ether	6.118	45	194244	48.934	ug/l #	93
23) Vinyl Acetate	6.057	43	680759	250.144	ug/l #	87
24) 1,1-Dichloroethane	6.021	63	124325	50.316	ug/l	99
25) 2-Butanone	6.984	43	119616	242.166	ug/l #	76
26) 2,2-Dichloropropane	6.984	77	119597	52.260	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	88564	50.402	ug/l	83
28) Bromochloromethane	7.332	49	44532	44.680	ug/l #	68
29) Tetrahydrofuran	7.350	42	76465	240.351	ug/l #	74
30) Chloroform	7.508	83	137972	50.827	ug/l	98
31) Cyclohexane	7.783	56	105306	46.731	ug/l #	86
32) 1,1,1-Trichloroethane	7.703	97	122682	51.613	ug/l	95
36) 1,1-Dichloropropene	7.917	75	101615	51.068	ug/l	96
37) Ethyl Acetate	7.069	43	54338	49.378	ug/l #	91
38) Carbon Tetrachloride	7.899	117	110824	53.606	ug/l	99
39) Methylcyclohexane	9.185	83	133081	52.235	ug/l #	84
40) Benzene	8.161	78	297271	51.208	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	72041	134.996	ug/l #	18
42) 1,2-Dichloroethane	8.240	62	89438	51.174	ug/l	90
43) Isopropyl Acetate	8.270	43	104115	51.444	ug/l #	86
44) Trichloroethene	8.941	130	84486	52.826	ug/l	96
45) 1,2-Dichloropropane	9.215	63	72735	52.176	ug/l	95
46) Dibromomethane	9.307	93	49600	50.786	ug/l	95
47) Bromodichloromethane	9.496	83	109602	52.865	ug/l	98
48) Methyl methacrylate	9.295	41	43981	51.109	ug/l #	74
49) 1,4-Dioxane	9.295	88	12143	985.987	ug/l #	79
51) 4-Methyl-2-Pentanone	10.069	43	273480	256.871	ug/l #	84
52) Toluene	10.246	92	199602	51.993	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	117476	52.838	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	128414	52.120	ug/l #	84
55) 1,1,2-Trichloroethane	10.648	97	68737	51.566	ug/l	94
56) Ethyl methacrylate	10.508	69	91907	53.398	ug/l #	76
57) 1,3-Dichloropropane	10.794	76	112745	51.813	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	232052	246.005	ug/l	90
59) 2-Hexanone	10.831	43	192458	262.687	ug/l	82
60) Dibromochloromethane	10.983	129	82311	53.746	ug/l	100
61) 1,2-Dibromoethane	11.093	107	68311	51.813	ug/l	99
64) Tetrachloroethene	10.721	164	71049	52.987	ug/l	97
65) Chlorobenzene	11.520	112	218571	53.461	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	82961	54.961	ug/l	97
67) Ethyl Benzene	11.593	91	381205	53.725	ug/l	98
68) m/p-Xylenes	11.703	106	306082	107.693	ug/l	91
69) o-Xylene	12.032	106	145870	53.310	ug/l	90
70) Styrene	12.044	104	247458	53.666	ug/l	95
71) Bromoform	12.209	173	51898	54.863	ug/l #	97
73) Isopropylbenzene	12.331	105	377074	55.064	ug/l	100
74) N-amyl acetate	12.148	43	93631	55.337	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.587	83	81245	53.099	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	101543	86.872	ug/l #	100
77) Bromobenzene	12.611	156	88065	52.731	ug/l	95
78) n-propylbenzene	12.672	91	448271	54.575	ug/l	98
79) 2-Chlorotoluene	12.757	91	251099	54.315	ug/l	97
80) 1,3,5-Trimethylbenzene	12.818	105	309706	54.486	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	29077	57.710	ug/l #	82
82) 4-Chlorotoluene	12.855	91	261318	54.548	ug/l	96
83) tert-Butylbenzene	13.081	119	279639	56.672	ug/l	93
84) 1,2,4-Trimethylbenzene	13.123	105	310986	55.141	ug/l	97
85) sec-Butylbenzene	13.257	105	418503	56.200	ug/l	100
86) p-Isopropyltoluene	13.373	119	352324	56.494	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	179205	53.596	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	175652	53.032	ug/l	99
89) n-Butylbenzene	13.702	91	316147	55.853	ug/l	99
90) Hexachloroethane	13.965	117	63482	56.619	ug/l	82
91) 1,2-Dichlorobenzene	13.745	146	155933	52.449	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	12087	52.566	ug/l	79
93) 1,2,4-Trichlorobenzene	15.013	180	84938	51.325	ug/l	97
94) Hexachlorobutadiene	15.117	225	43897	54.364	ug/l	100
95) Naphthalene	15.239	128	193329	51.532	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	74378	51.348	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Apr 21 14:28:40 2022
Response via : Initial Calibration

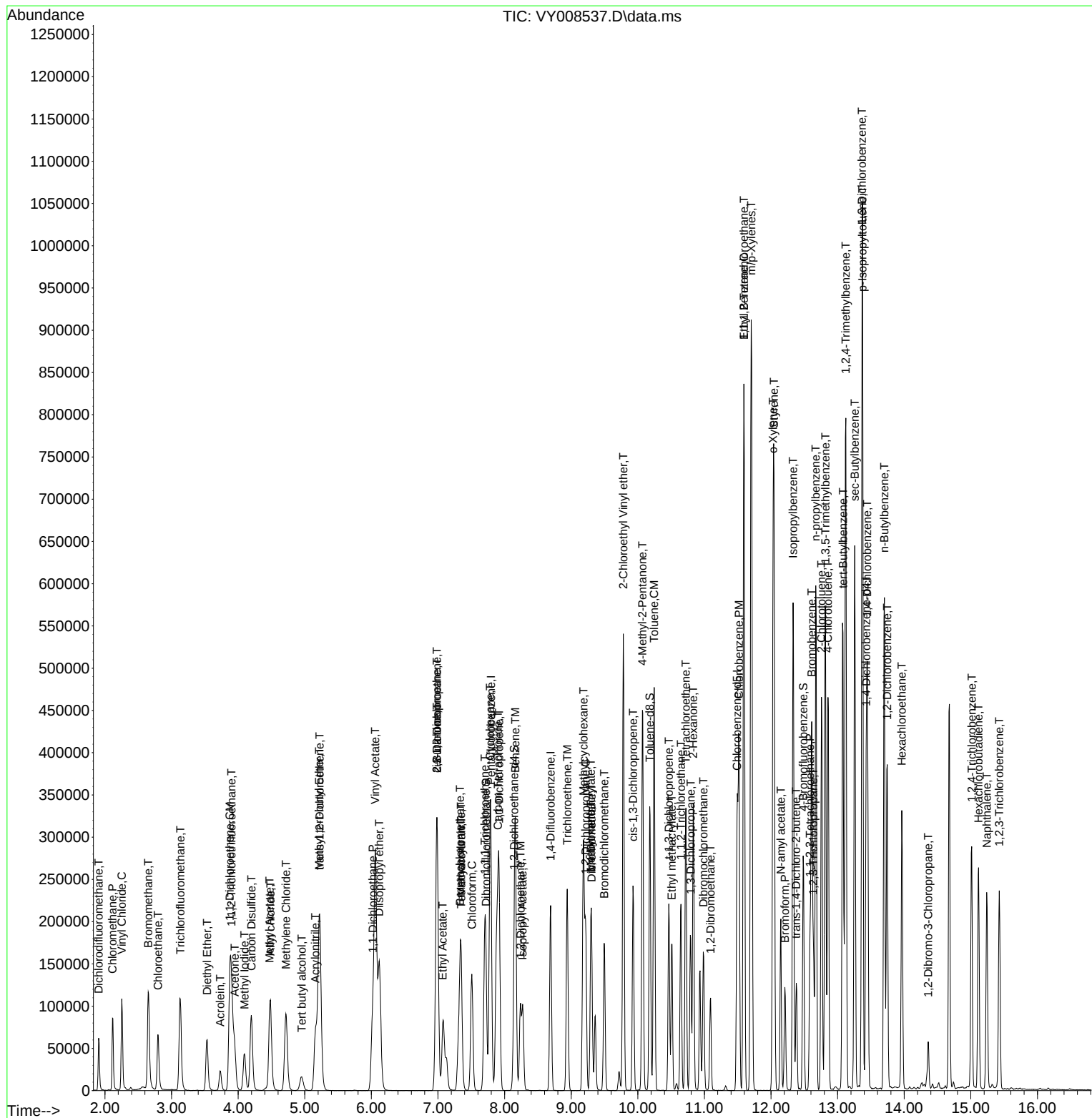
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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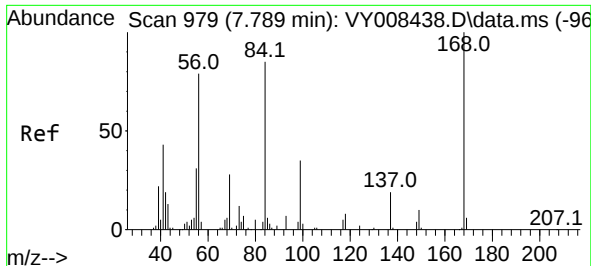
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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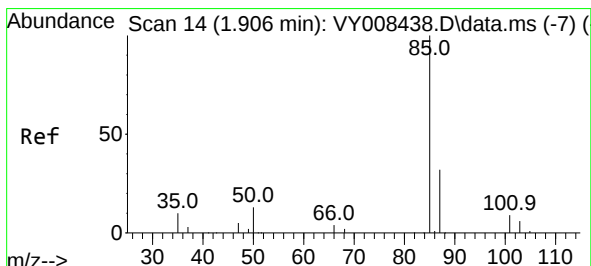
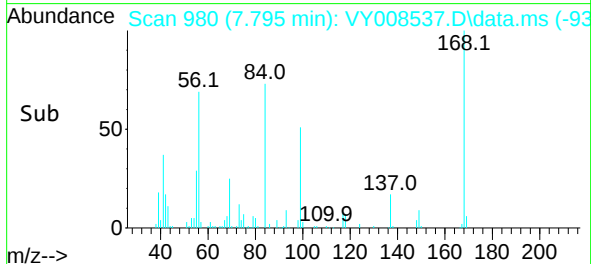
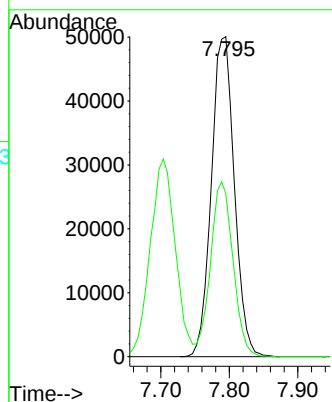
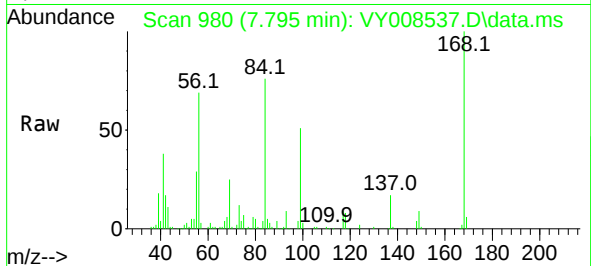




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008537.D
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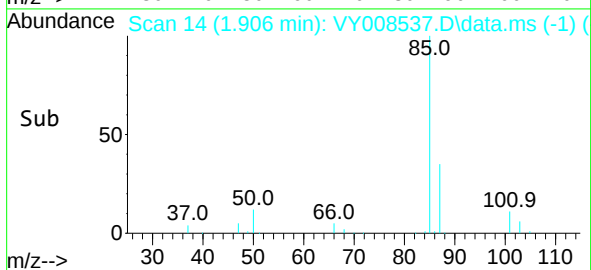
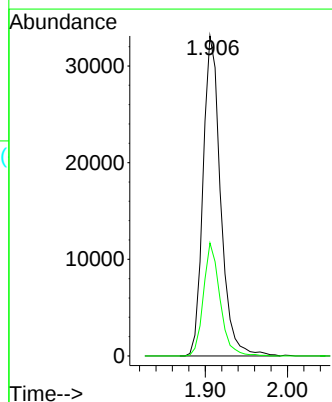
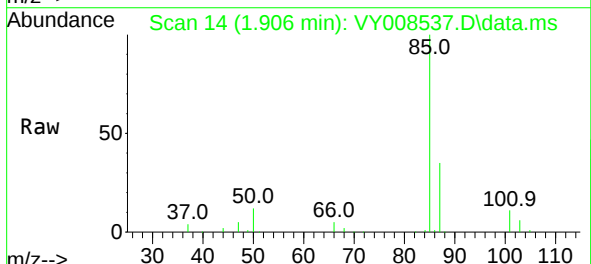
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 116499
Ion Ratio Lower Upper
168 100
99 50.9 46.9 70.3

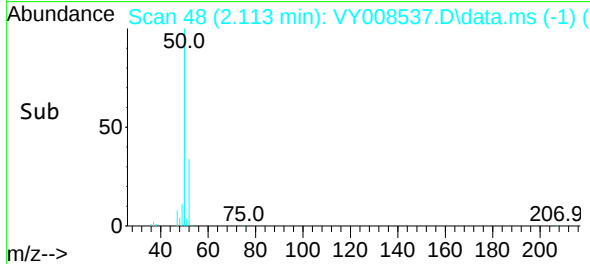
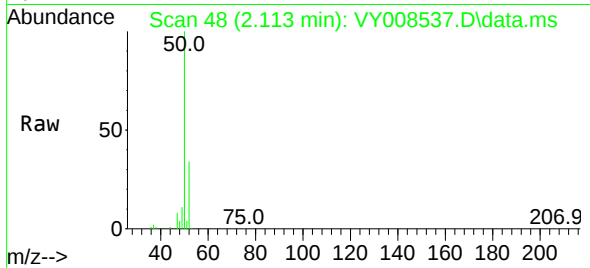
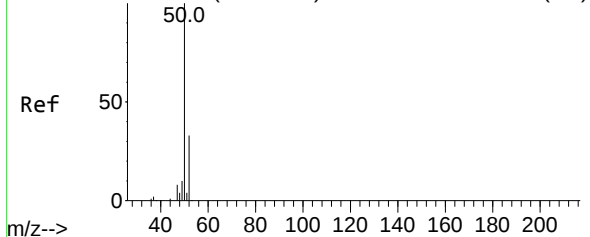


#2
Dichlorodifluoromethane
Concen: 46.407 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY008537.D
Acq: 28 Apr 2022 10:33

Tgt Ion: 85 Resp: 49095
Ion Ratio Lower Upper
85 100
87 35.3 16.1 48.2



Abundance Scan 48 (2.113 min): VY008438.D\data.ms (-42)



#3

Chloromethane

Concen: 45.894 ug/l

RT: 2.113 min Scan# 48

Delta R.T. 0.000 min

Lab File: VY008537.D

Acq: 28 Apr 2022 10:33

Instrument :

MSVOA_Y

ClientSampleId :

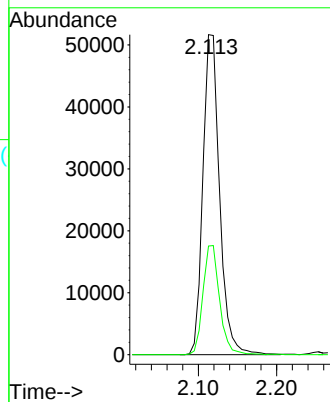
VSTDCCC050

Tgt Ion: 50 Resp: 76401

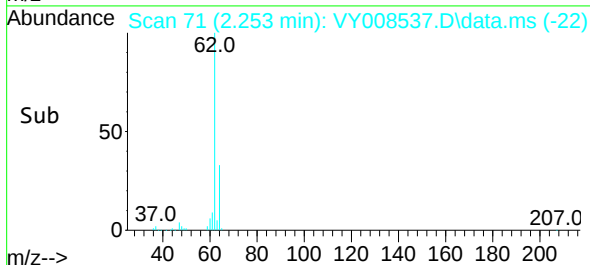
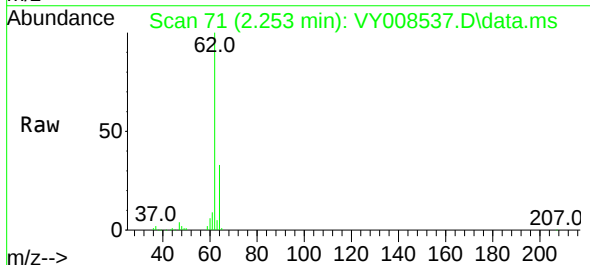
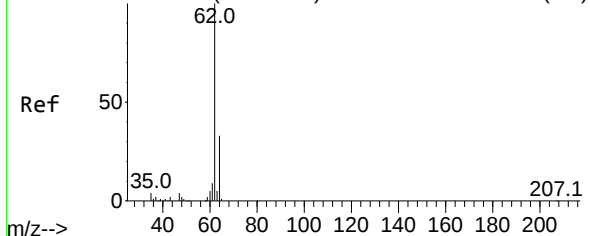
Ion Ratio Lower Upper

50 100

52 34.0 24.6 37.0



Abundance Scan 71 (2.253 min): VY008438.D\data.ms (-63)



#4

Vinyl Chloride

Concen: 47.393 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY008537.D

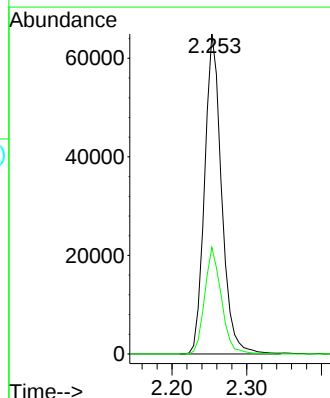
Acq: 28 Apr 2022 10:33

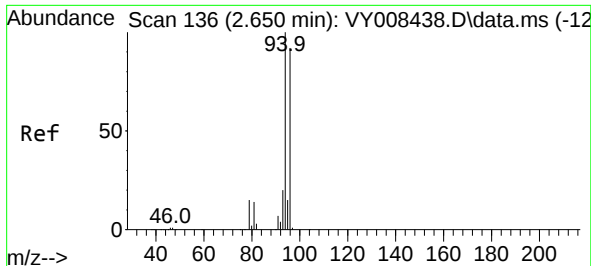
Tgt Ion: 62 Resp: 102516

Ion Ratio Lower Upper

62 100

64 33.3 25.0 37.6

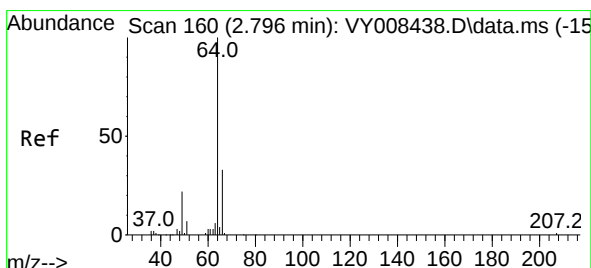
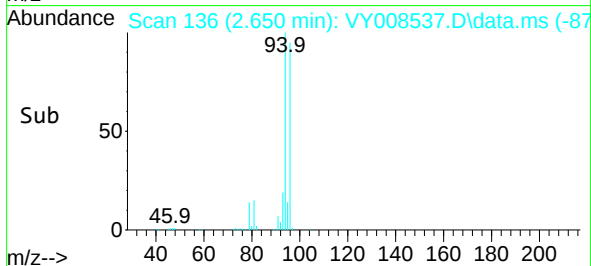
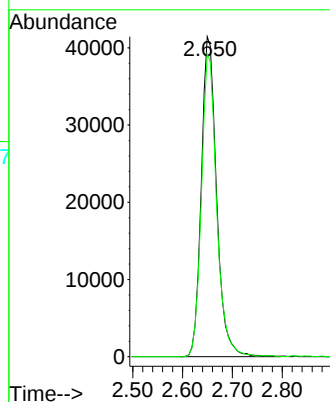
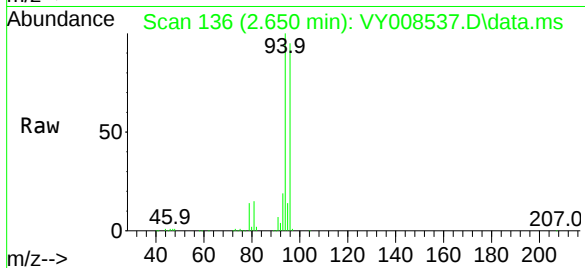




#5
Bromomethane
Concen: 43.794 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008537.D
Acq: 28 Apr 2022 10:33

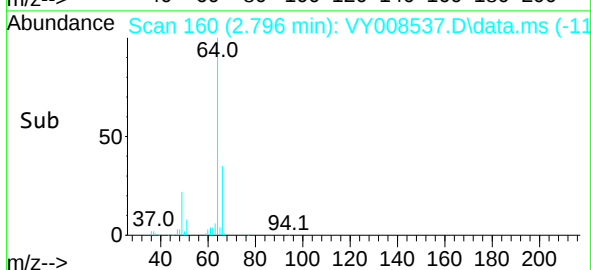
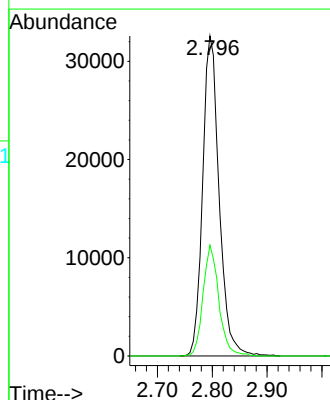
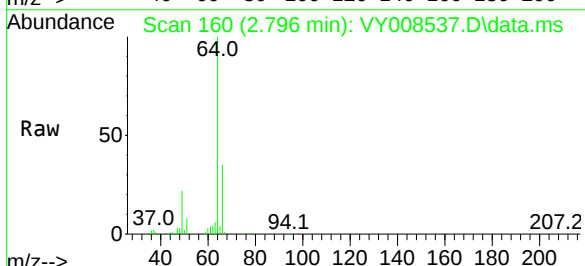
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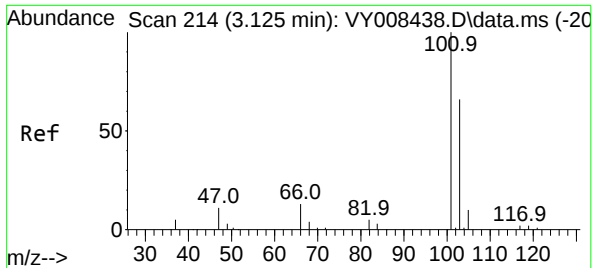
Tgt Ion: 94 Resp: 88083
Ion Ratio Lower Upper
94 100
96 94.5 73.5 110.3



#6
Chloroethane
Concen: 47.311 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY008537.D
Acq: 28 Apr 2022 10:33

Tgt Ion: 64 Resp: 68084
Ion Ratio Lower Upper
64 100
66 34.6 25.4 38.0

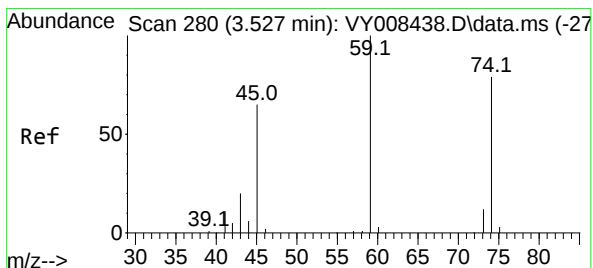
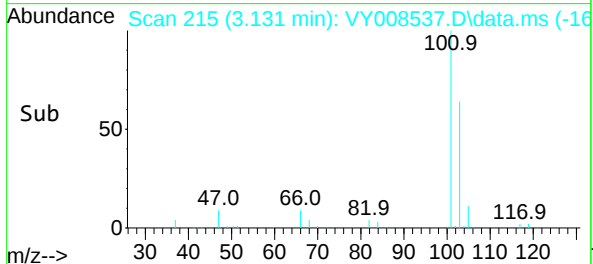
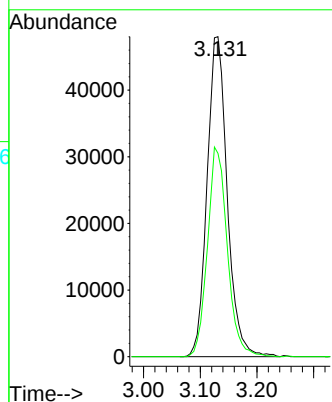
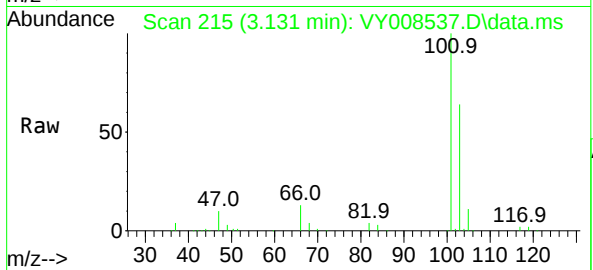




#7
 Trichlorofluoromethane
 Concen: 52.863 ug/l
 RT: 3.131 min Scan# 214
 Delta R.T. 0.006 min
 Lab File: VY008537.D
 Acq: 28 Apr 2022 10:33

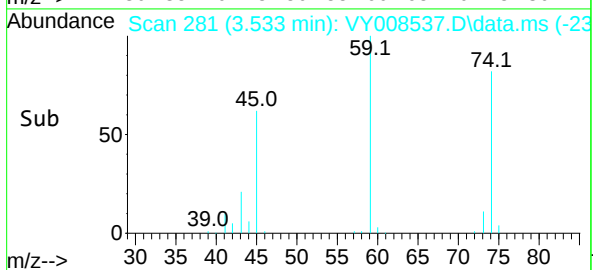
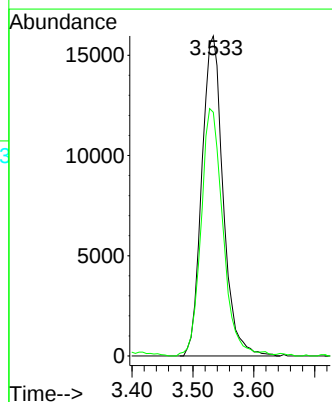
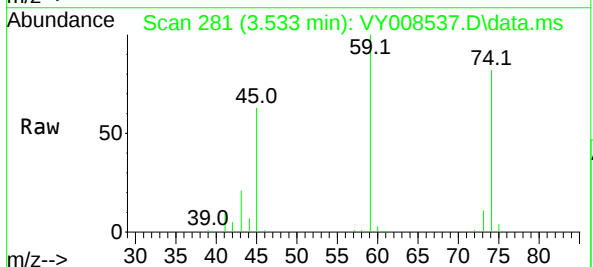
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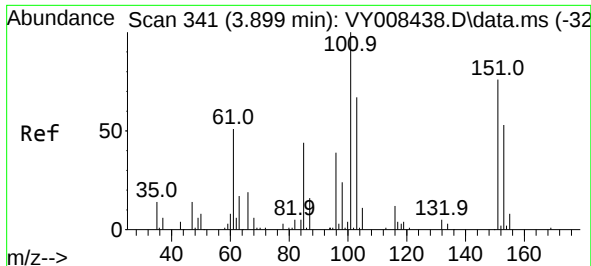
Tgt Ion:101 Resp: 118457
 Ion Ratio Lower Upper
 101 100
 103 63.6 48.0 72.0



#8
 Diethyl Ether
 Concen: 50.309 ug/l
 RT: 3.533 min Scan# 281
 Delta R.T. 0.006 min
 Lab File: VY008537.D
 Acq: 28 Apr 2022 10:33

Tgt Ion: 74 Resp: 38800
 Ion Ratio Lower Upper
 74 100
 45 79.5 55.1 165.5

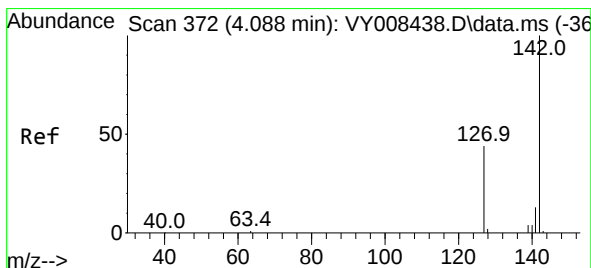
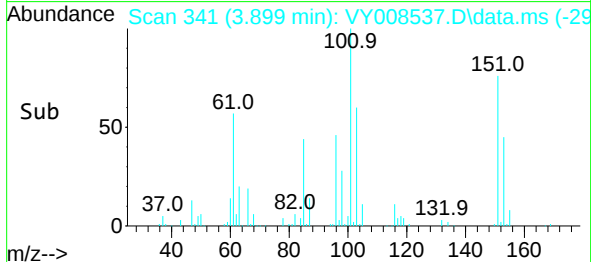
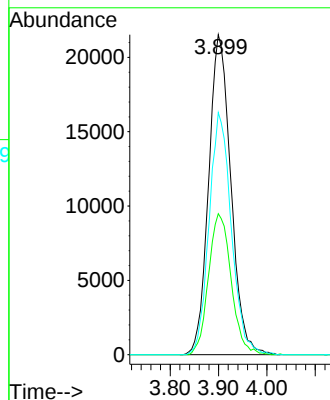
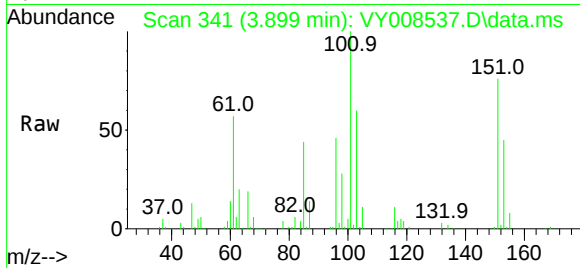




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.496 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY008537.D
Acq: 28 Apr 2022 10:33

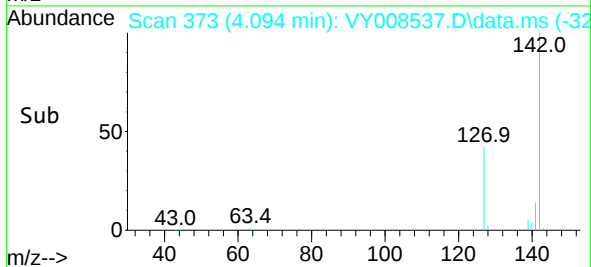
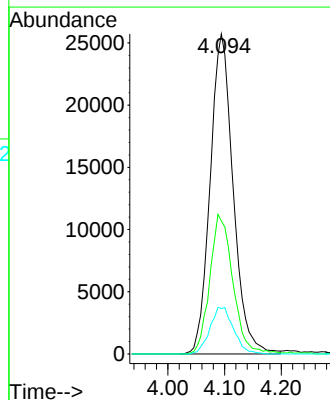
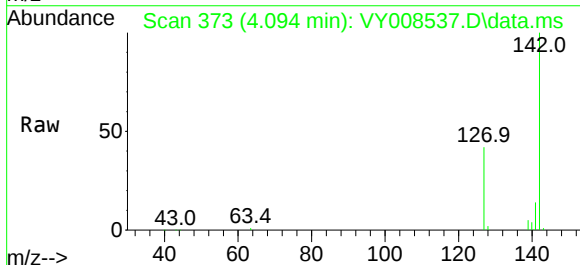
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

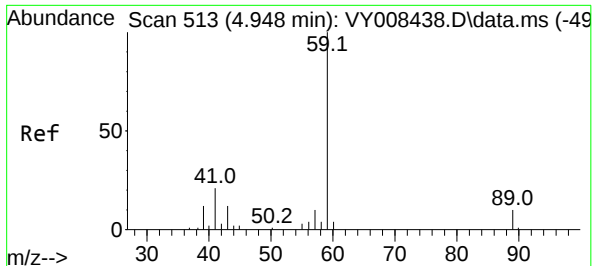
Tgt Ion:101 Resp: 68692
Ion Ratio Lower Upper
101 100
85 44.8 40.6 60.8
151 75.8 64.9 97.3



#10
Methyl Iodide
Concen: 41.570 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY008537.D
Acq: 28 Apr 2022 10:33

Tgt Ion:142 Resp: 72540
Ion Ratio Lower Upper
142 100
127 43.7 41.5 62.3
141 15.0 11.9 17.9





#11

Tert butyl alcohol

Concen: 243.519 ug/l

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY008537.D

Acq: 28 Apr 2022 10:33

Instrument :

MSVOA_Y

ClientSampleId :

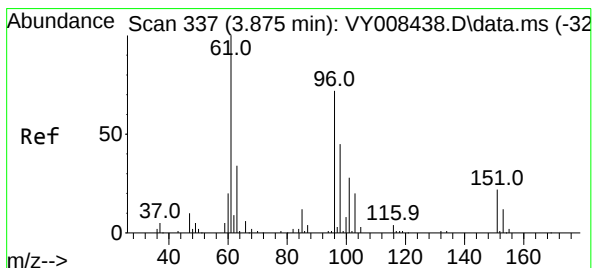
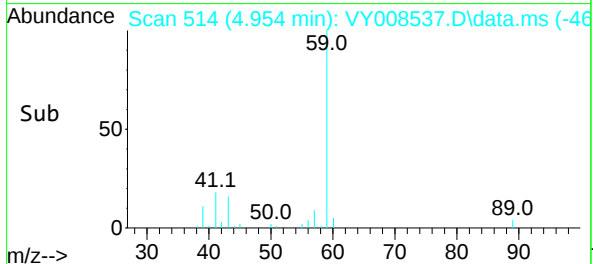
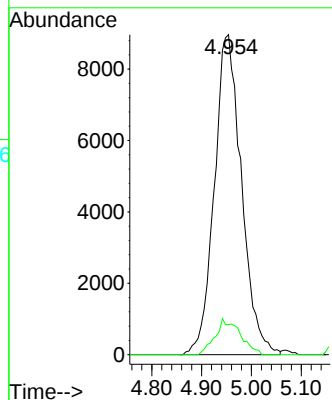
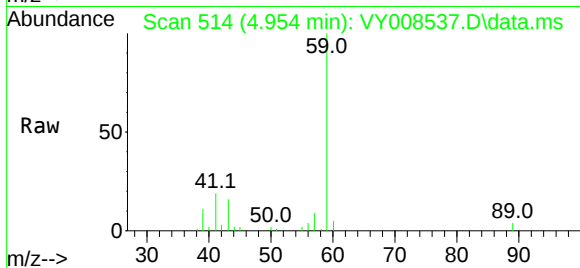
VSTDCCC050

Tgt Ion: 59 Resp: 33894

Ion Ratio Lower Upper

59 100

57 10.3 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 50.494 ug/l

RT: 3.875 min Scan# 337

Delta R.T. -0.000 min

Lab File: VY008537.D

Acq: 28 Apr 2022 10:33

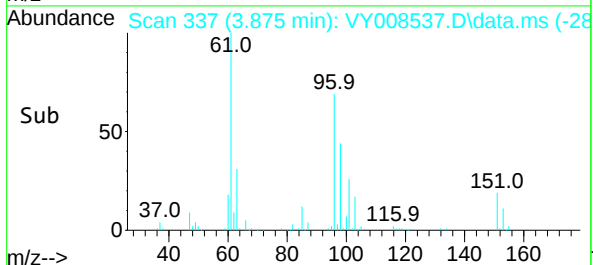
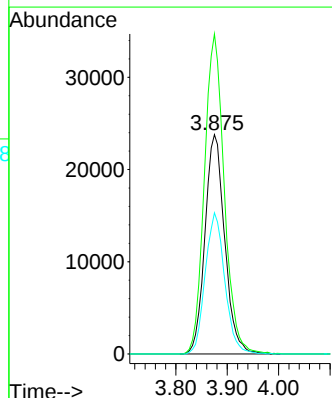
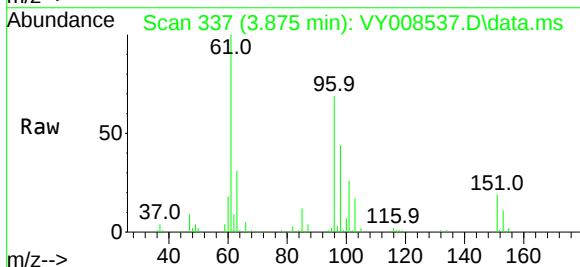
Tgt Ion: 96 Resp: 63589

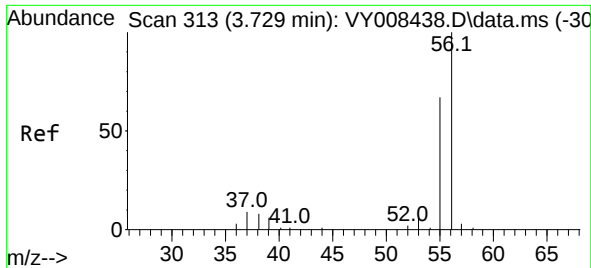
Ion Ratio Lower Upper

96 100

61 145.9 145.8 218.6

98 64.3 52.5 78.7

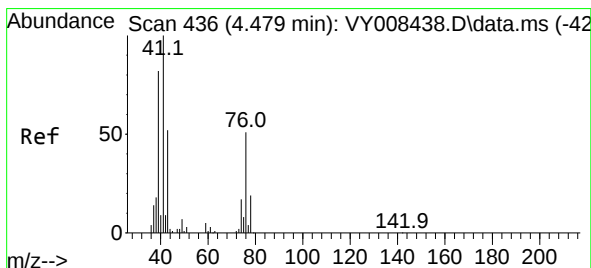
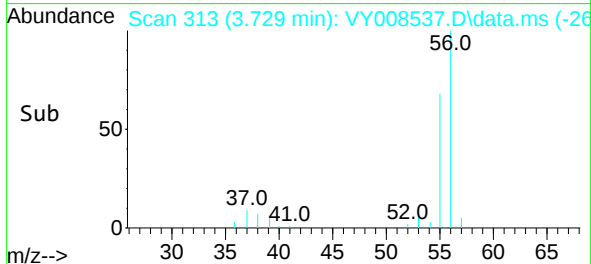
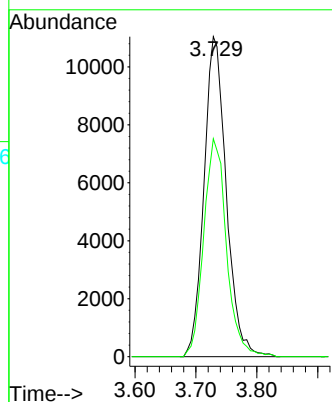
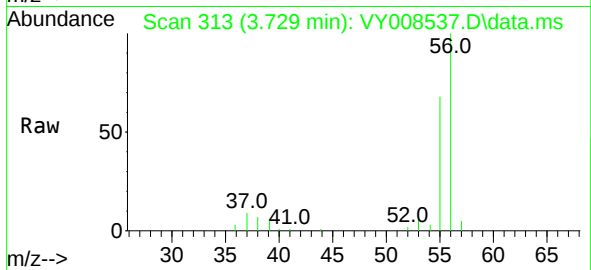




#13
Acrolein
Concen: 192.606 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY008537.D
Acq: 28 Apr 2022 10:33

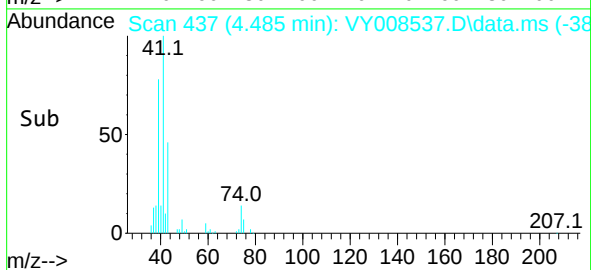
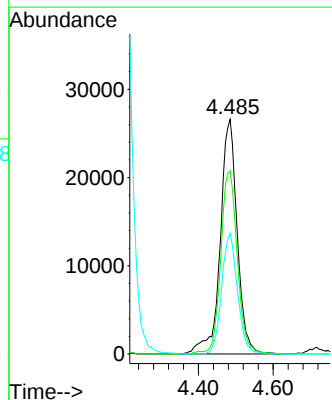
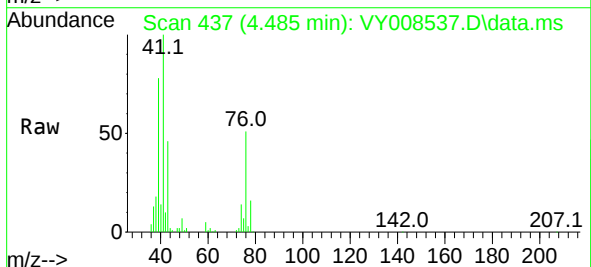
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

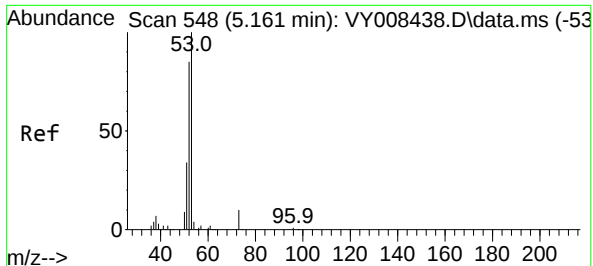
Tgt Ion: 56 Resp: 28109
Ion Ratio Lower Upper
56 100
55 69.4 57.6 86.4



#14
Allyl chloride
Concen: 51.044 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY008537.D
Acq: 28 Apr 2022 10:33

Tgt Ion: 41 Resp: 83903
Ion Ratio Lower Upper
41 100
39 76.4 58.8 88.2
76 47.8 25.1 37.7#

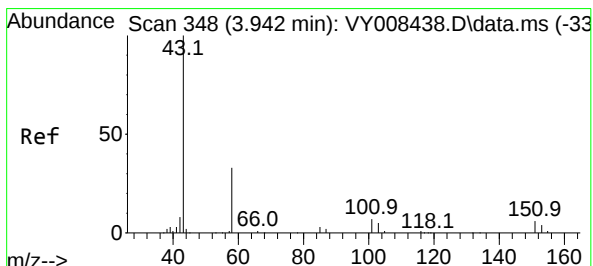
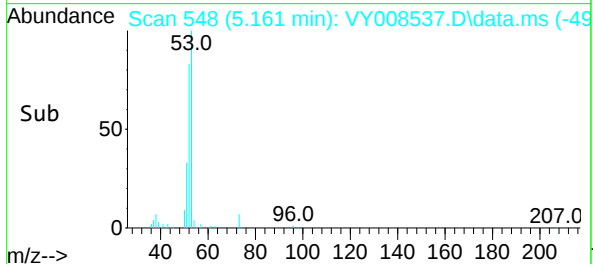
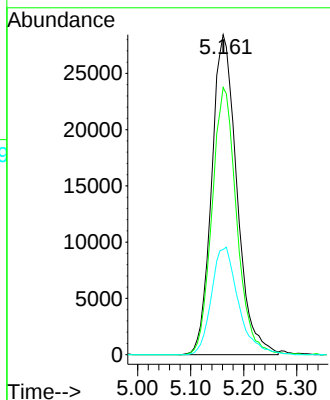
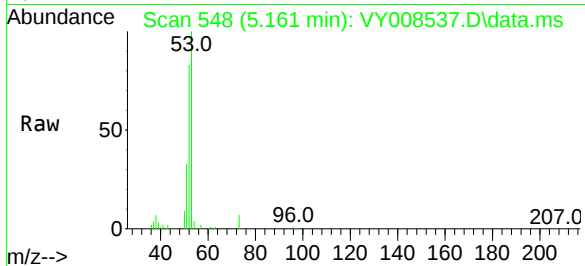




#15
Acrylonitrile
Concen: 238.474 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY008537.D
Acq: 28 Apr 2022 10:33

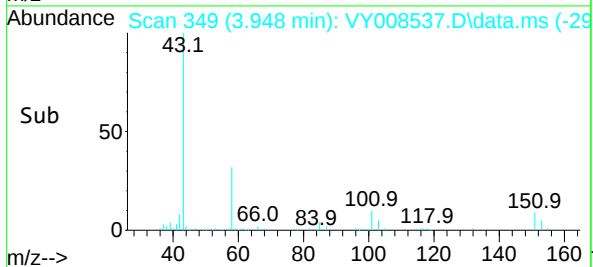
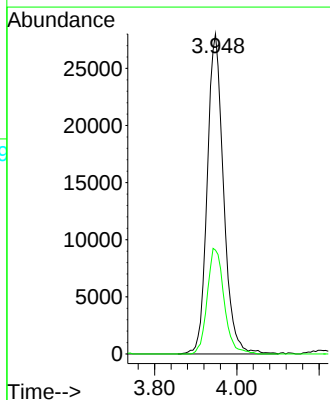
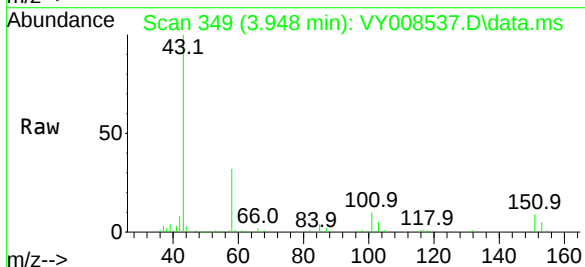
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

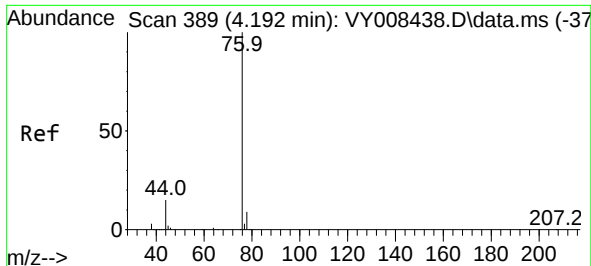
Tgt Ion: 53 Resp: 94038
Ion Ratio Lower Upper
53 100
52 81.5 67.0 100.4
51 35.9 29.8 44.6



#16
Acetone
Concen: 241.534 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008537.D
Acq: 28 Apr 2022 10:33

Tgt Ion: 43 Resp: 77116
Ion Ratio Lower Upper
43 100
58 32.5 22.0 33.0

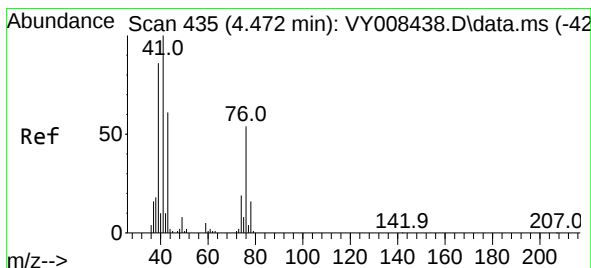
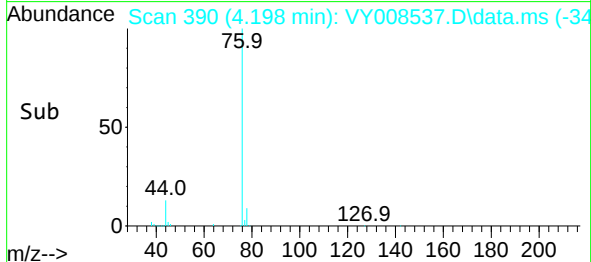
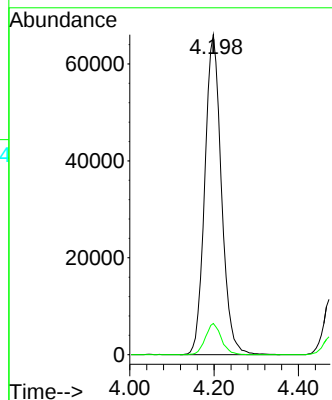
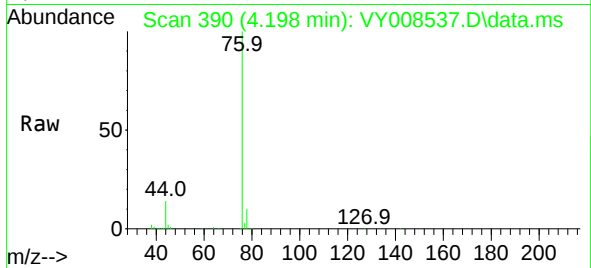




#17
Carbon Disulfide
Concen: 47.598 ug/l
RT: 4.198 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY008537.D
Acq: 28 Apr 2022 10:33

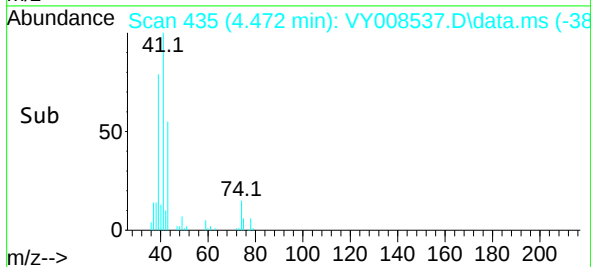
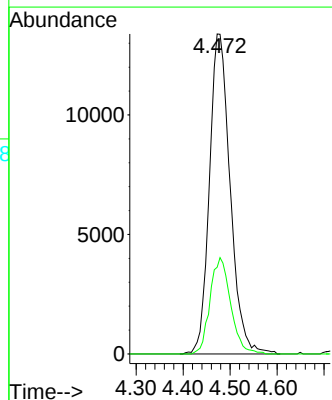
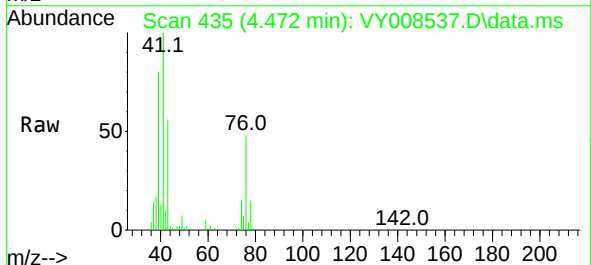
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

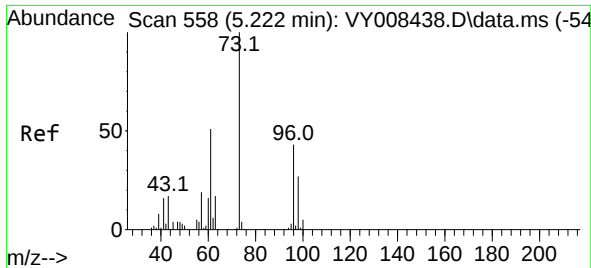
Tgt Ion: 76 Resp: 181223
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0



#18
Methyl Acetate
Concen: 45.790 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY008537.D
Acq: 28 Apr 2022 10:33

Tgt Ion: 43 Resp: 41000
Ion Ratio Lower Upper
43 100
74 29.9 16.6 24.8#

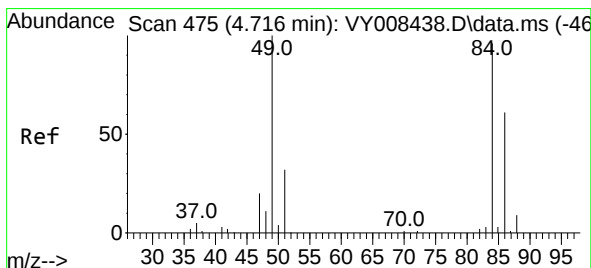
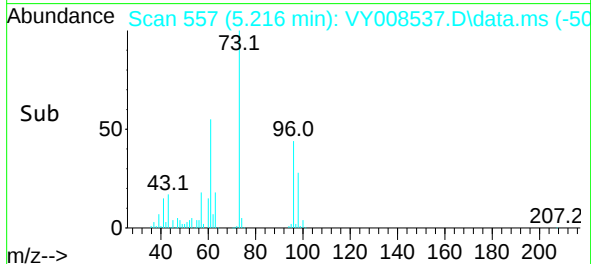
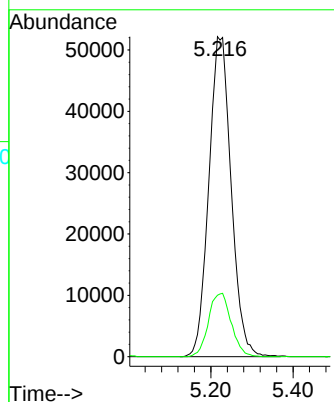
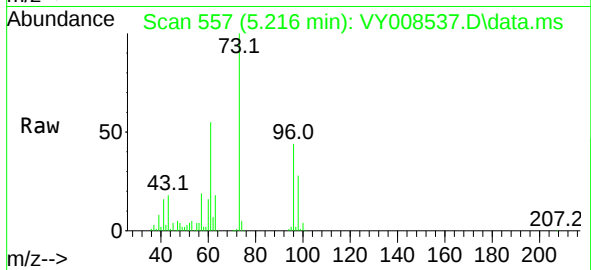




#19
Methyl tert-butyl Ether
Concen: 49.366 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY008537.D
Acq: 28 Apr 2022 10:33

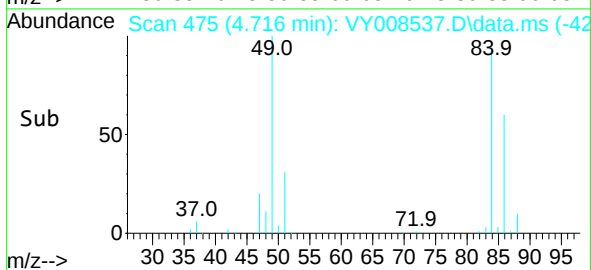
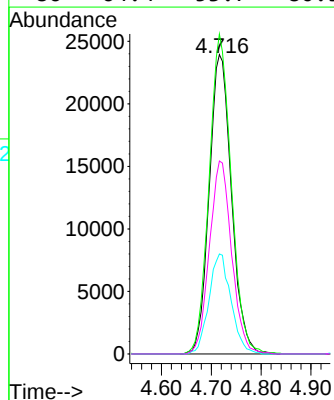
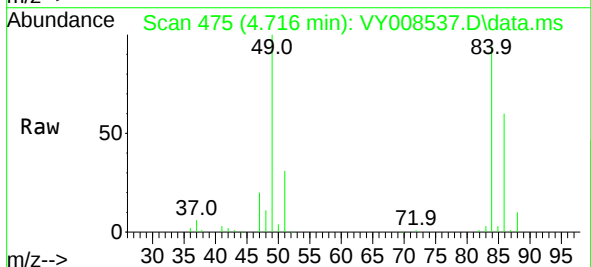
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

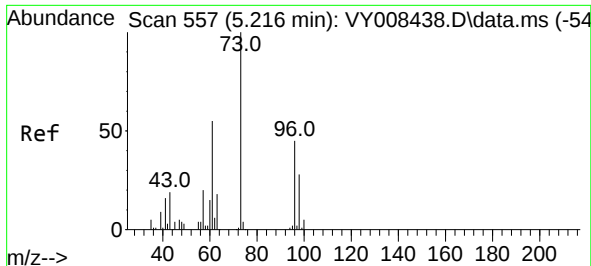
Tgt Ion: 73 Resp: 196710
Ion Ratio Lower Upper
73 100
57 19.2 18.6 27.8



#20
Methylene Chloride
Concen: 43.937 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY008537.D
Acq: 28 Apr 2022 10:33

Tgt Ion: 84 Resp: 74198
Ion Ratio Lower Upper
84 100
49 106.9 114.4 171.6#
51 33.4 35.3 52.9#
86 64.4 53.7 80.5

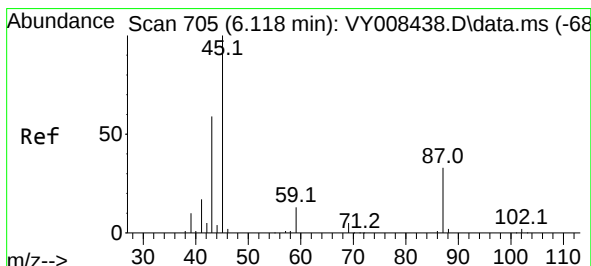
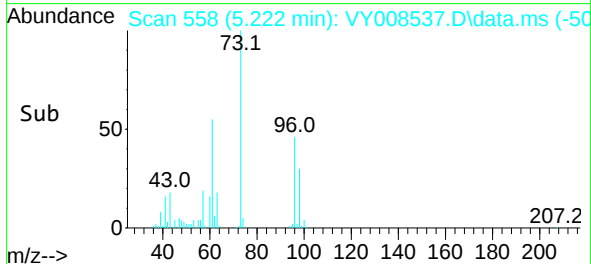
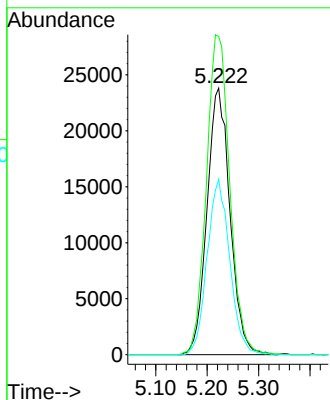
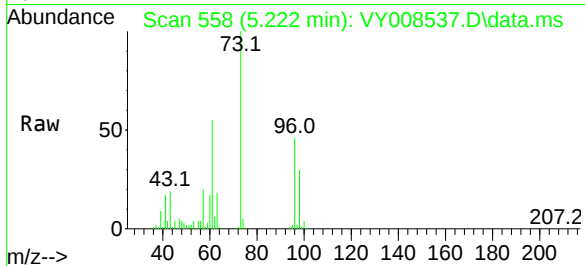




#21
trans-1,2-Dichloroethene
Concen: 48.211 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY008537.D
Acq: 28 Apr 2022 10:33

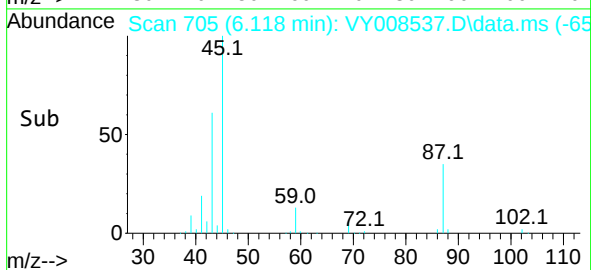
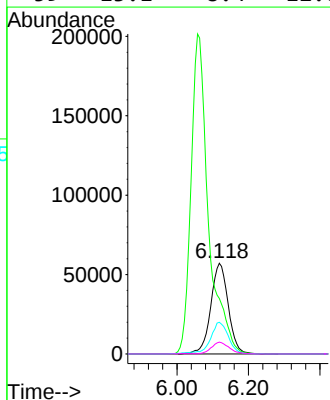
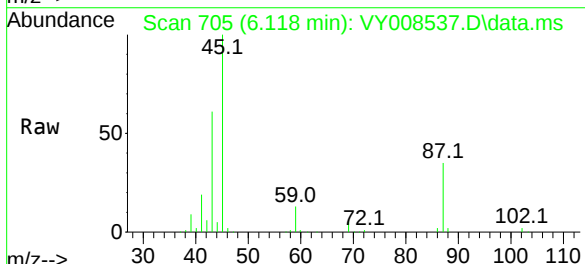
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

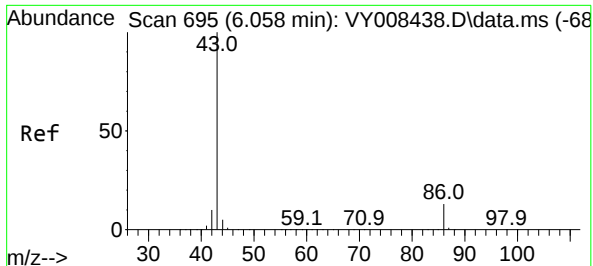
Tgt Ion: 96 Resp: 74061
Ion Ratio Lower Upper
96 100
61 119.4 120.5 180.7#
98 65.8 49.8 74.8



#22
Diisopropyl ether
Concen: 48.934 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY008537.D
Acq: 28 Apr 2022 10:33

Tgt Ion: 45 Resp: 194244
Ion Ratio Lower Upper
45 100
43 61.1 49.3 73.9
87 34.9 19.2 28.8#
59 13.1 8.4 12.6#

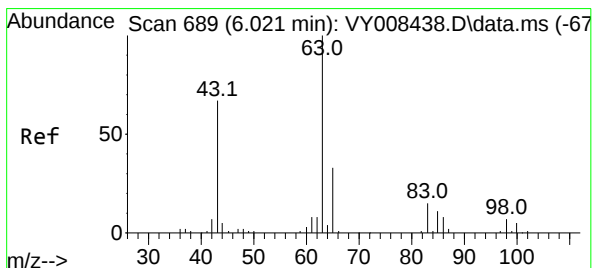
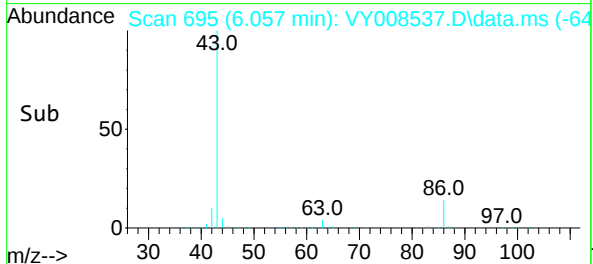
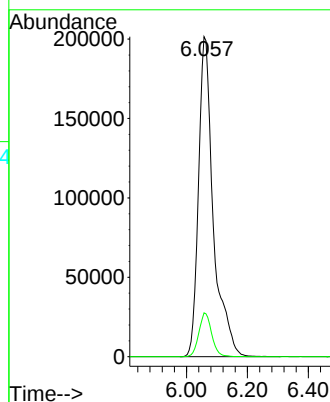
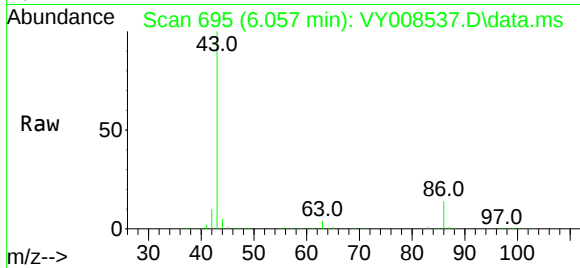




#23
 Vinyl Acetate
 Concen: 250.144 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.001 min
 Lab File: VY008537.D
 Acq: 28 Apr 2022 10:33

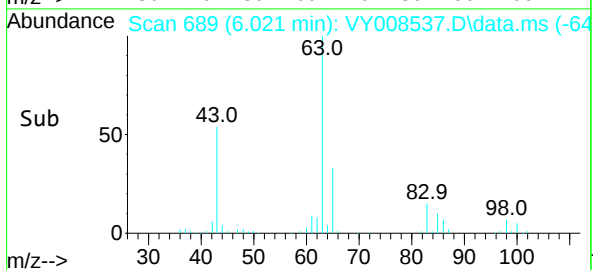
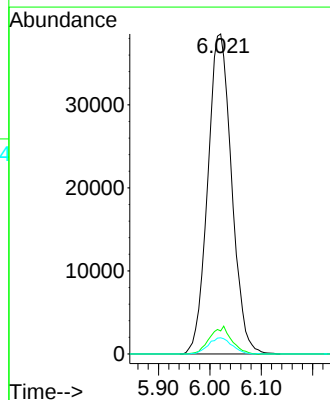
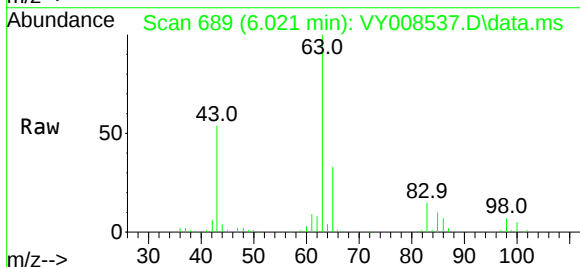
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

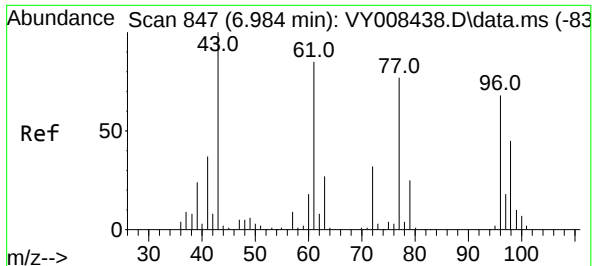
Tgt Ion: 43 Resp: 680759
 Ion Ratio Lower Upper
 43 100
 86 13.7 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 50.316 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY008537.D
 Acq: 28 Apr 2022 10:33

Tgt Ion: 63 Resp: 124325
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.8
 100 5.1 2.0 5.8





#25

2-Butanone

Concen: 242.166 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008537.D

Acq: 28 Apr 2022 10:33

Instrument :

MSVOA_Y

ClientSampleId :

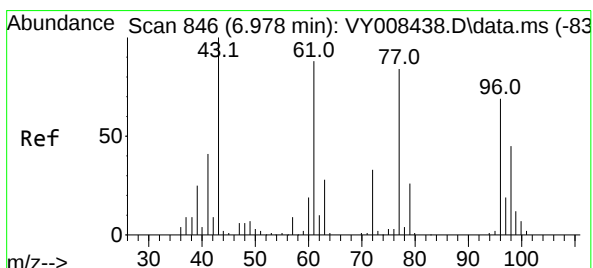
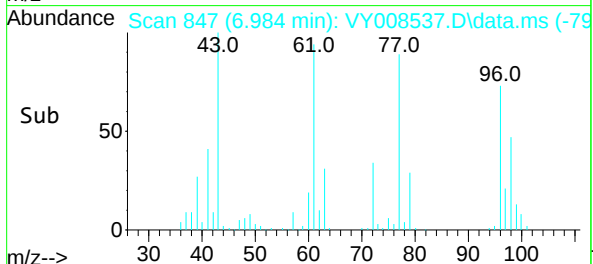
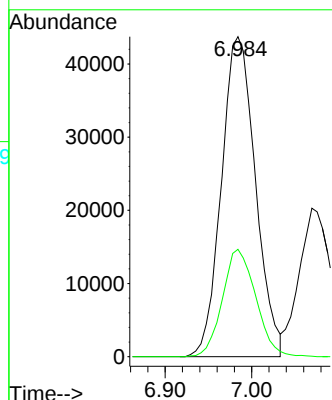
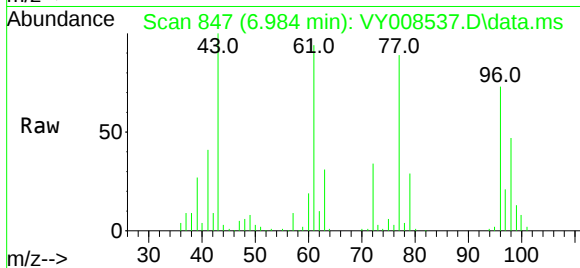
VSTDCCC050

Tgt Ion: 43 Resp: 119616

Ion Ratio Lower Upper

43 100

72 33.5 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 52.260 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY008537.D

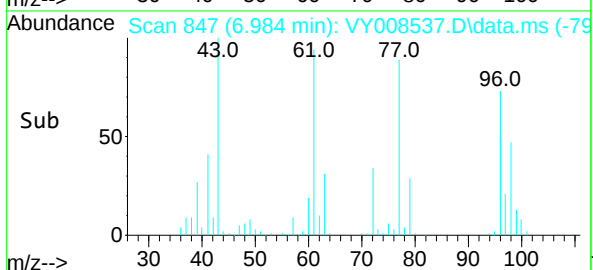
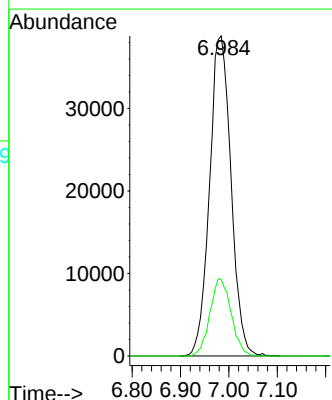
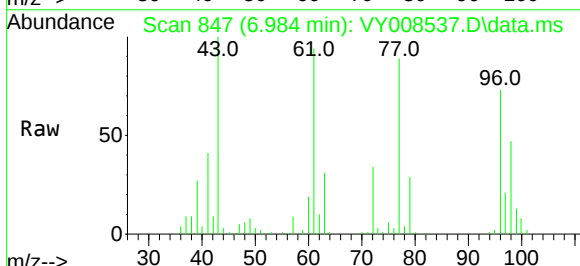
Acq: 28 Apr 2022 10:33

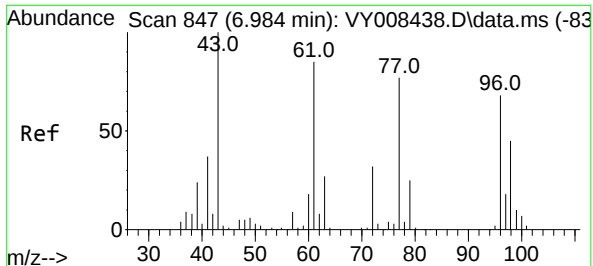
Tgt Ion: 77 Resp: 119597

Ion Ratio Lower Upper

77 100

97 23.8 10.4 31.4



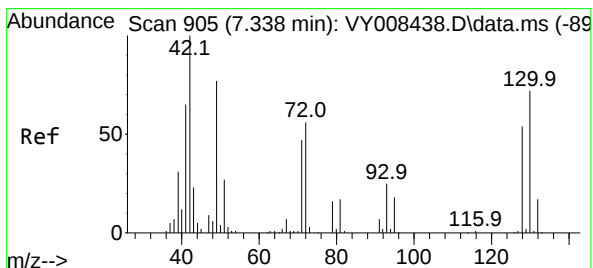
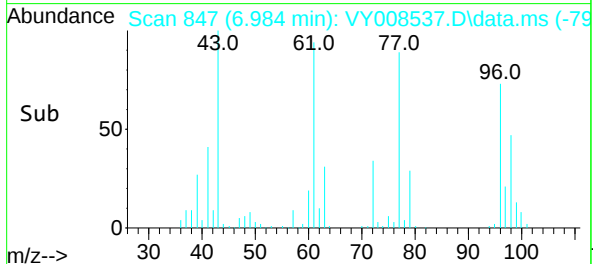
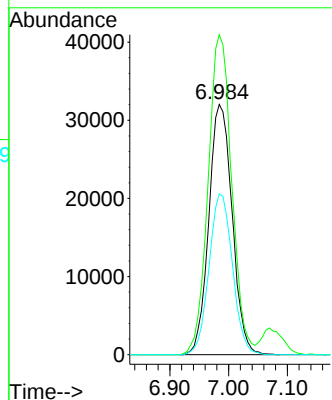
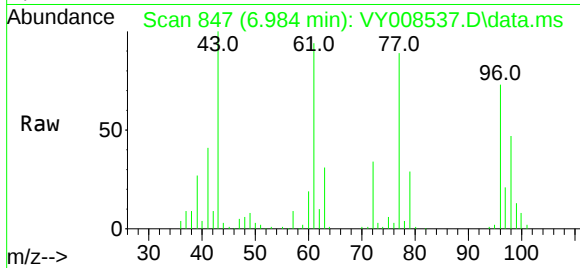


#27
 cis-1,2-Dichloroethene
 Concen: 50.402 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY008537.D
 Acq: 28 Apr 2022 10:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 88564

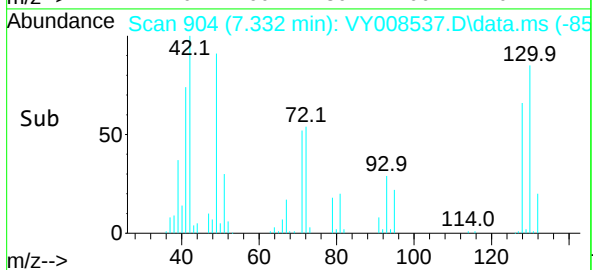
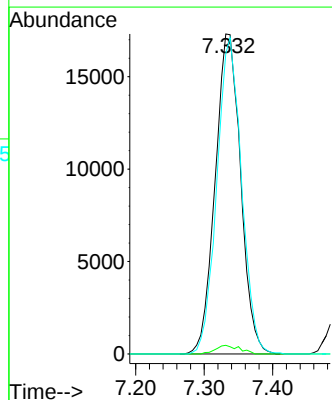
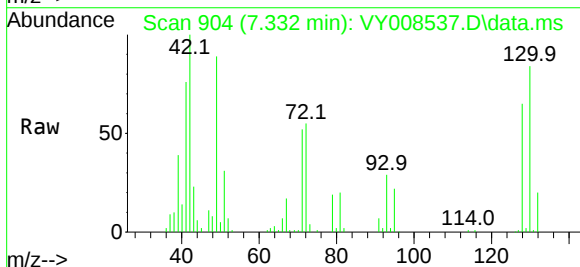
Ion	Ratio	Lower	Upper
96	100		
61	129.2	0.0	319.8
98	64.4	0.0	127.0

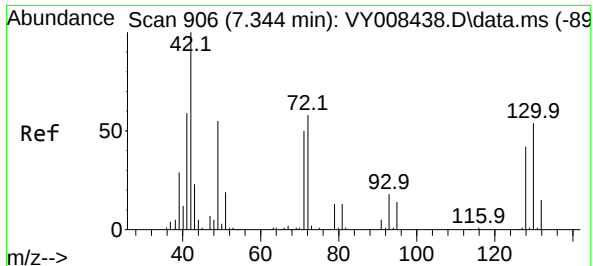


#28
 Bromochloromethane
 Concen: 44.680 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.006 min
 Lab File: VY008537.D
 Acq: 28 Apr 2022 10:33

Tgt Ion: 49 Resp: 44532

Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	2.2#
130	95.9	55.4	83.0#





#29

Tetrahydrofuran

Concen: 240.351 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY008537.D

Acq: 28 Apr 2022 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

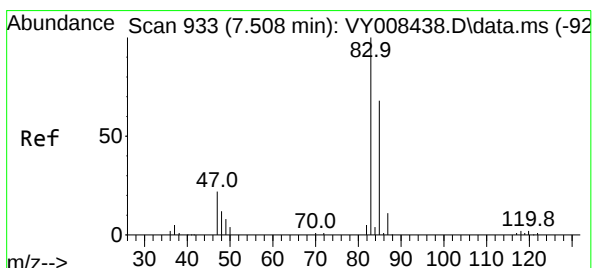
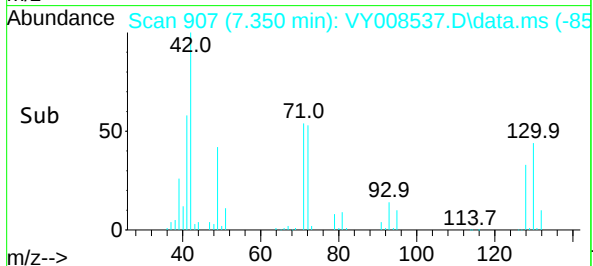
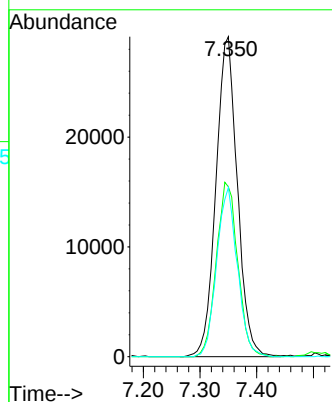
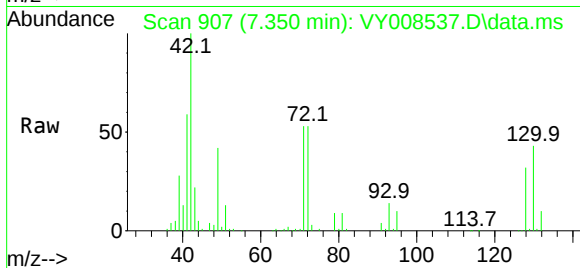
Tgt Ion: 42 Resp: 76465

Ion Ratio Lower Upper

42 100

72 54.4 30.3 45.5#

71 51.0 29.0 43.4#



#30

Chloroform

Concen: 50.827 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY008537.D

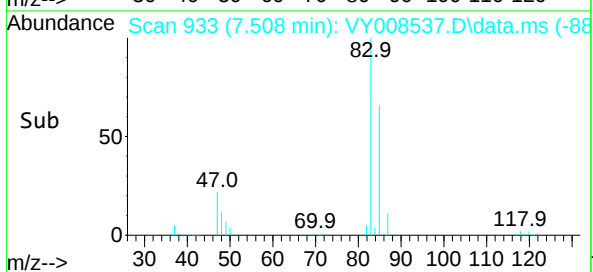
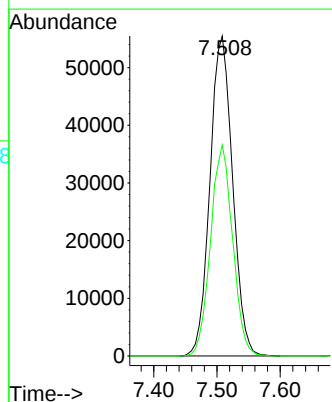
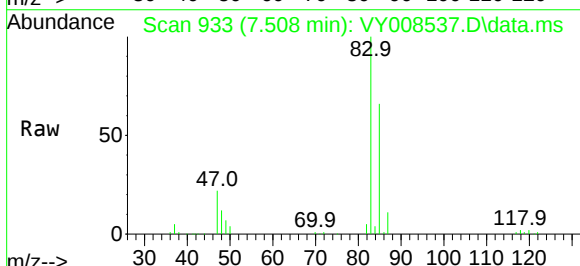
Acq: 28 Apr 2022 10:33

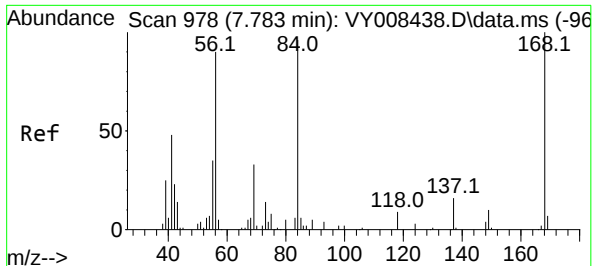
Tgt Ion: 83 Resp: 137972

Ion Ratio Lower Upper

83 100

85 65.9 51.8 77.6





#31

Cyclohexane

Concen: 46.731 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY008537.D

Acq: 28 Apr 2022 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

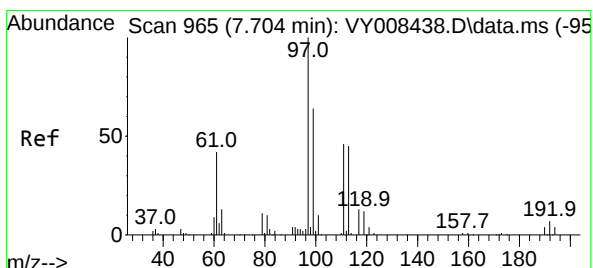
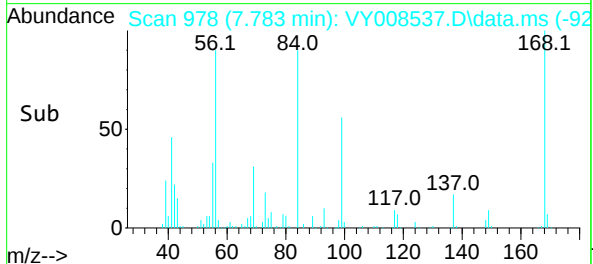
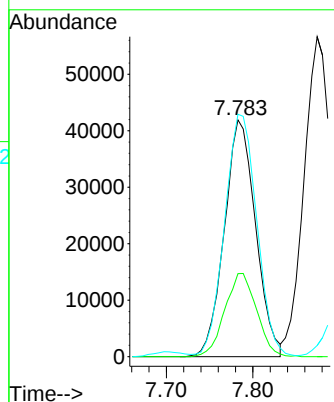
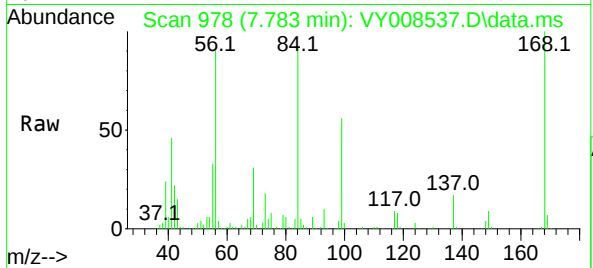
Tgt Ion: 56 Resp: 105306

Ion Ratio Lower Upper

56 100

69 35.1 26.7 40.1

84 100.9 67.2 100.8#



#32

1,1,1-Trichloroethane

Concen: 51.613 ug/l

RT: 7.703 min Scan# 965

Delta R.T. -0.001 min

Lab File: VY008537.D

Acq: 28 Apr 2022 10:33

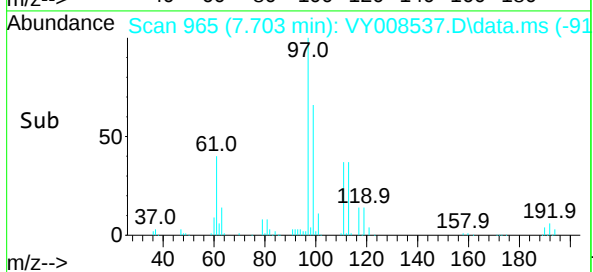
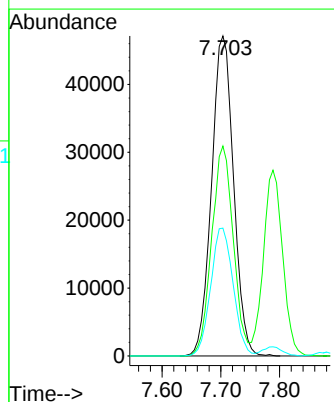
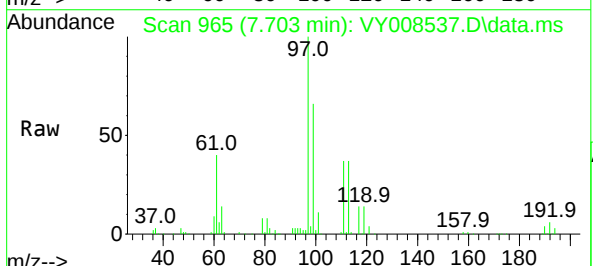
Tgt Ion: 97 Resp: 122682

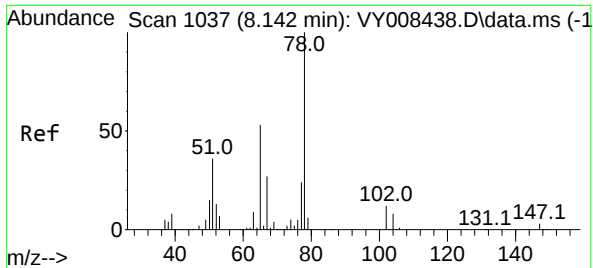
Ion Ratio Lower Upper

97 100

99 64.2 50.7 76.1

61 40.8 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 47.330 ug/l

RT: 8.142 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008537.D

Acq: 28 Apr 2022 10:33

Instrument :

MSVOA_Y

ClientSampleId :

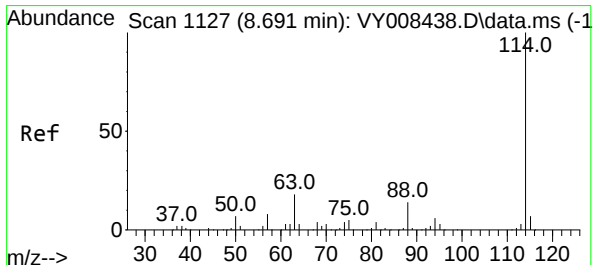
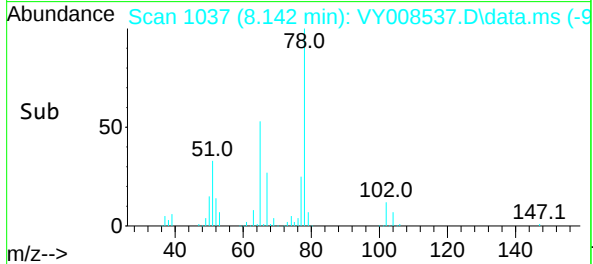
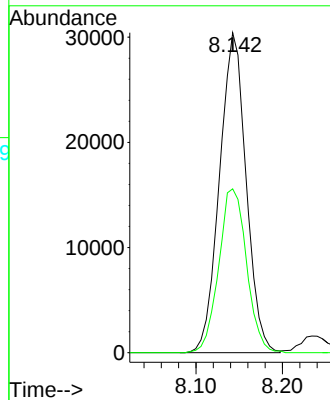
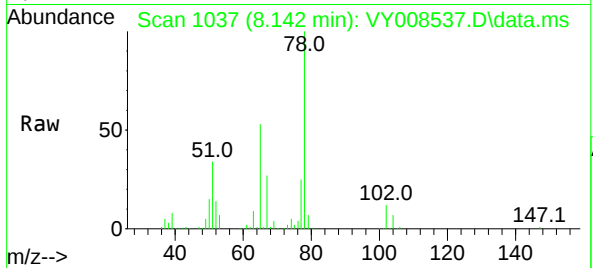
VSTDCCC050

Tgt Ion: 65 Resp: 64878

Ion Ratio Lower Upper

65 100

67 53.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008537.D

Acq: 28 Apr 2022 10:33

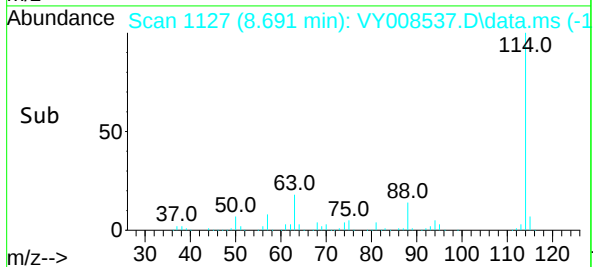
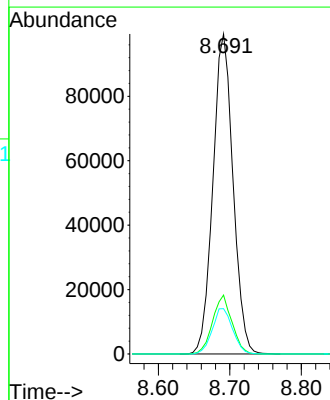
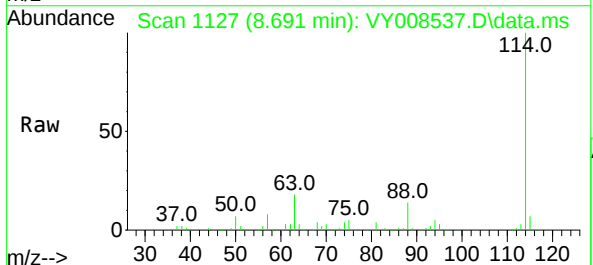
Tgt Ion: 114 Resp: 193825

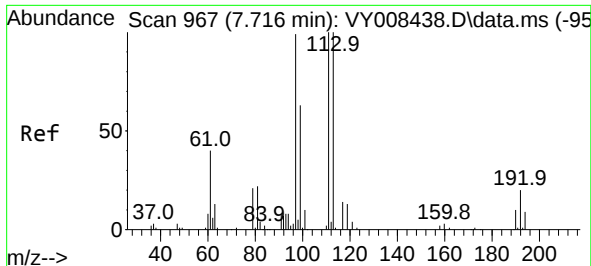
Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 14.2 0.0 31.8

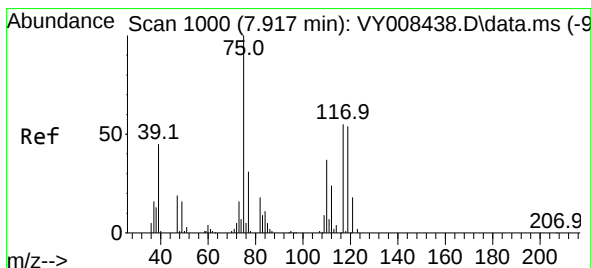
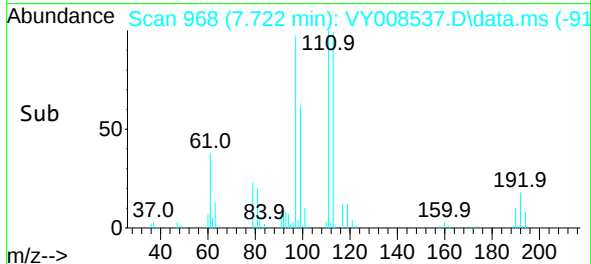
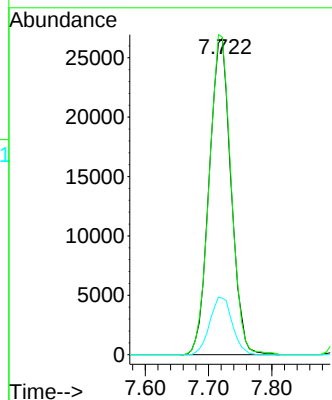
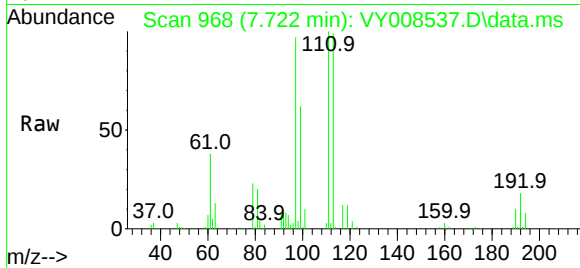




#35
 Dibromofluoromethane
 Concen: 50.991 ug/l
 RT: 7.722 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY008537.D
 Acq: 28 Apr 2022 10:33

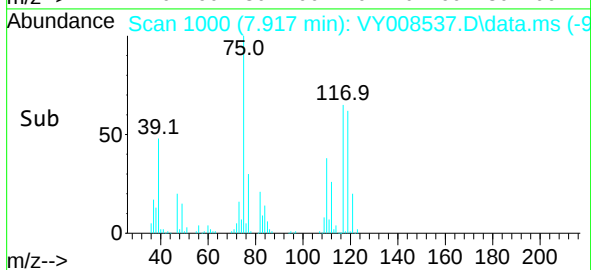
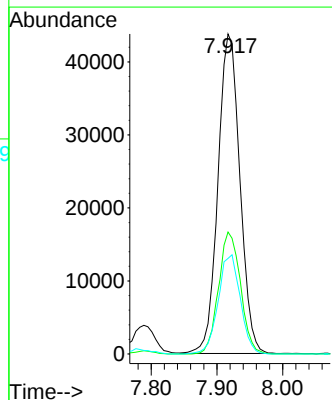
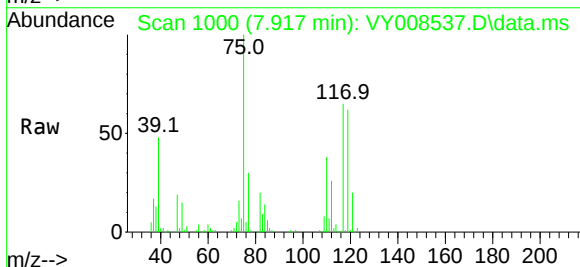
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

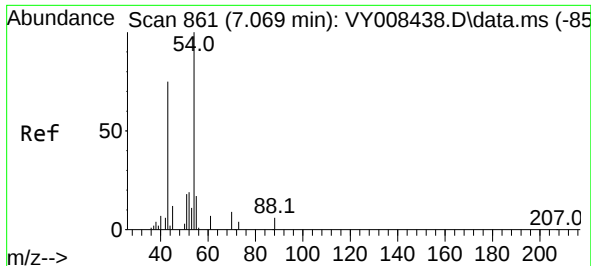
Tgt Ion:113 Resp: 63785
 Ion Ratio Lower Upper
 113 100
 111 101.0 82.6 124.0
 192 18.7 17.6 26.4



#36
 1,1-Dichloropropene
 Concen: 51.068 ug/l
 RT: 7.917 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VY008537.D
 Acq: 28 Apr 2022 10:33

Tgt Ion: 75 Resp: 101615
 Ion Ratio Lower Upper
 75 100
 110 38.1 17.1 51.2
 77 31.4 24.4 36.6





#37

Ethyl Acetate

Concen: 49.378 ug/l

RT: 7.069 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY008537.D

Acq: 28 Apr 2022 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

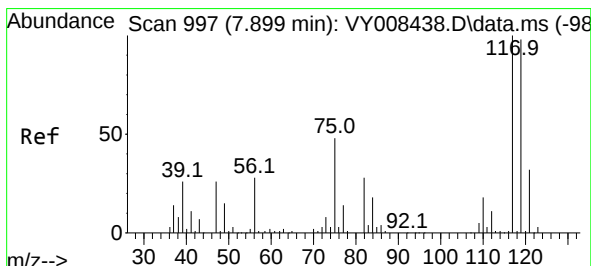
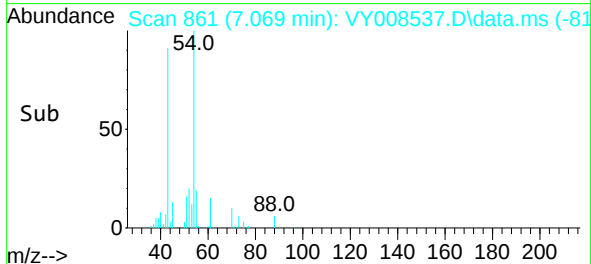
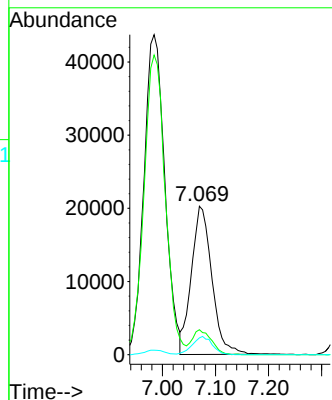
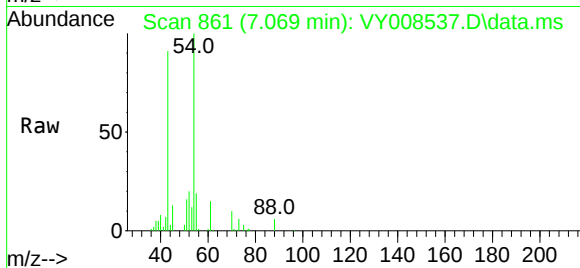
Tgt Ion: 43 Resp: 54338

Ion Ratio Lower Upper

43 100

61 15.6 9.7 14.5#

70 11.9 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 53.606 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY008537.D

Acq: 28 Apr 2022 10:33

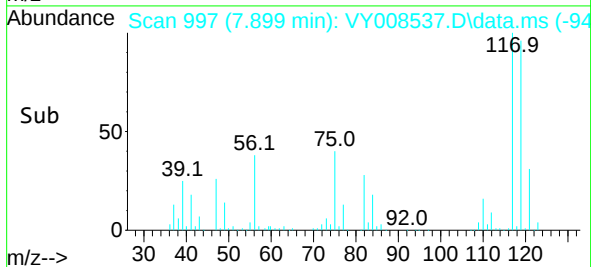
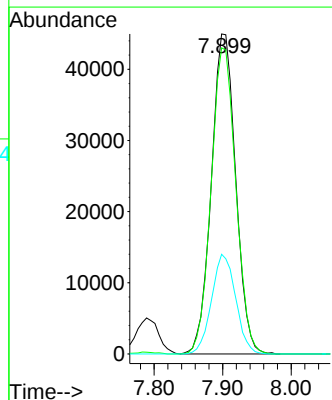
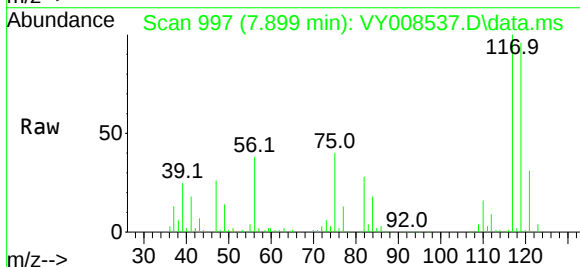
Tgt Ion: 117 Resp: 110824

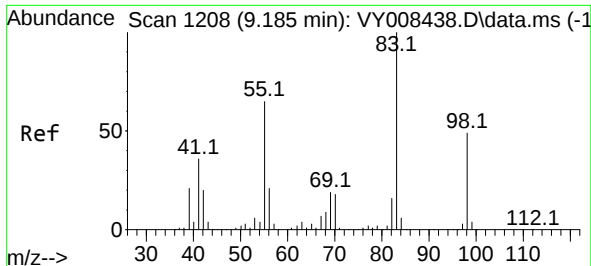
Ion Ratio Lower Upper

117 100

119 95.7 77.9 116.9

121 31.1 24.8 37.2





#39

Methylcyclohexane

Concen: 52.235 ug/l

RT: 9.185 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY008537.D

Acq: 28 Apr 2022 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

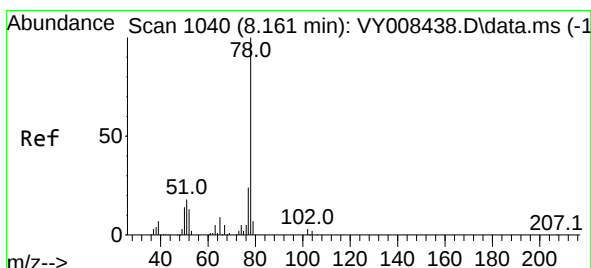
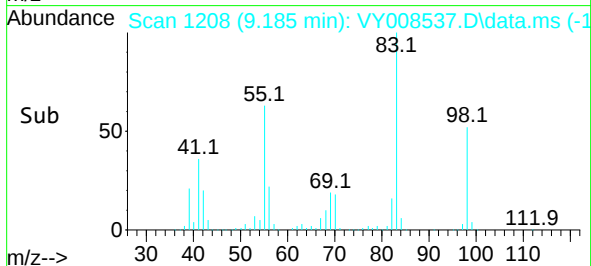
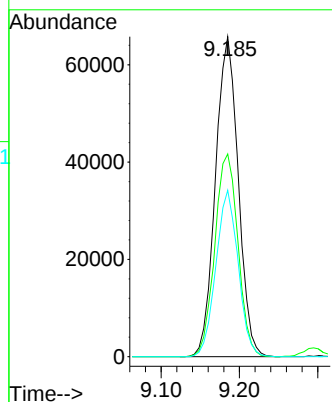
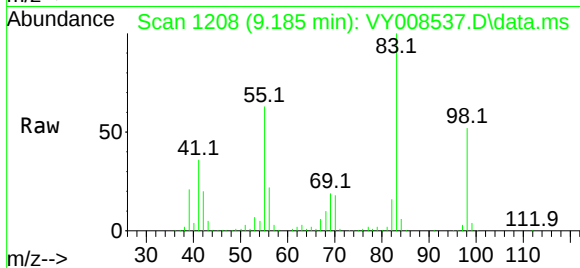
Tgt Ion: 83 Resp: 133081

Ion Ratio Lower Upper

83 100

55 63.3 66.5 99.7#

98 52.0 37.9 56.9



#40

Benzene

Concen: 51.208 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY008537.D

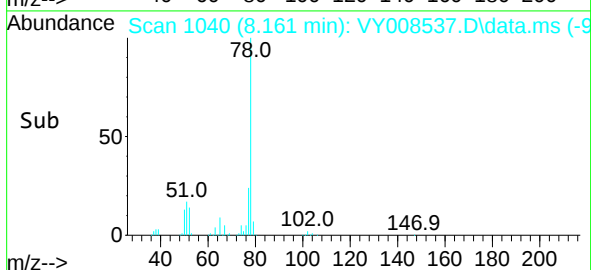
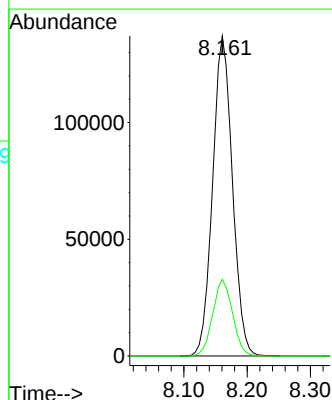
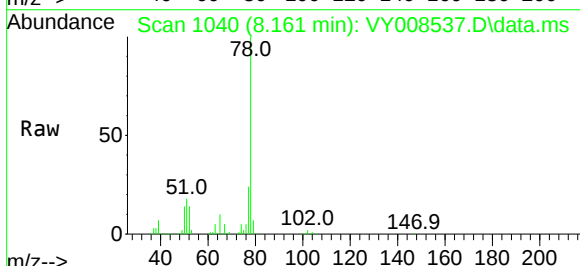
Acq: 28 Apr 2022 10:33

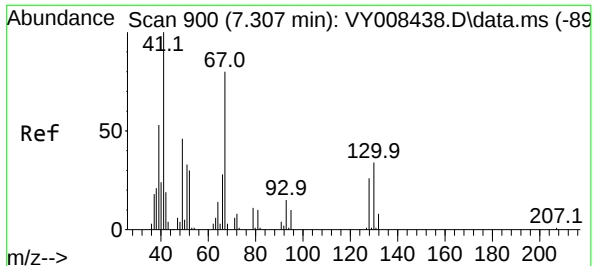
Tgt Ion: 78 Resp: 297271

Ion Ratio Lower Upper

78 100

77 23.9 20.4 30.6

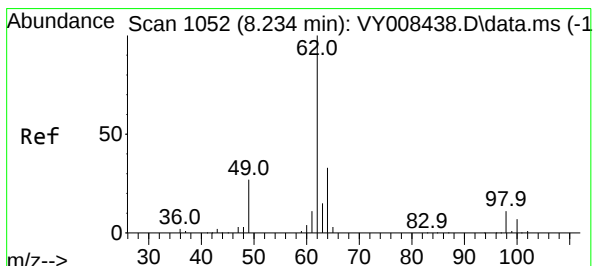
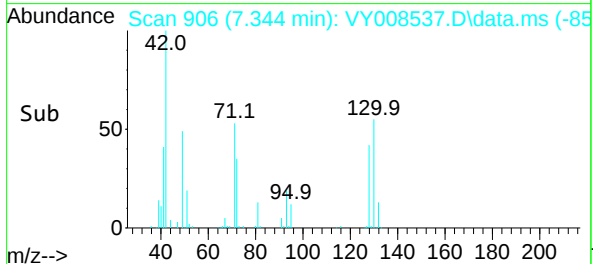
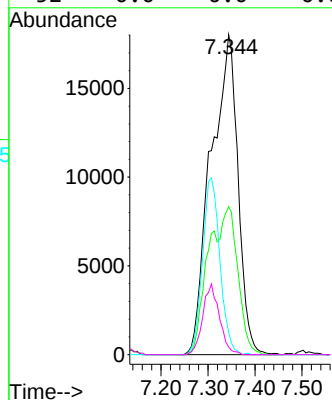
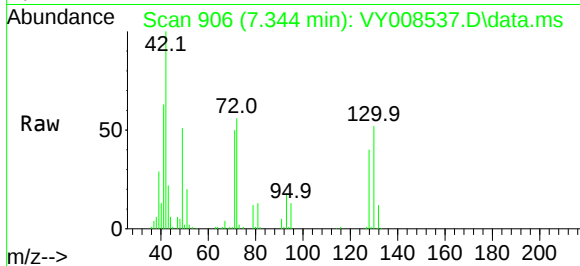




#41
Methacrylonitrile
Concen: 134.996 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY008537.D
Acq: 28 Apr 2022 10:33

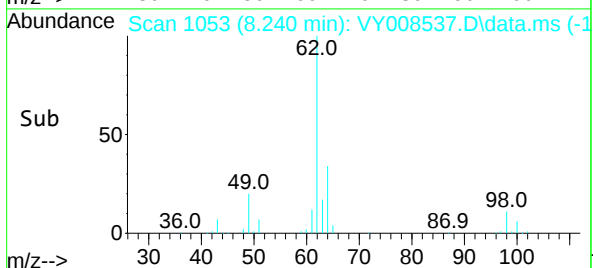
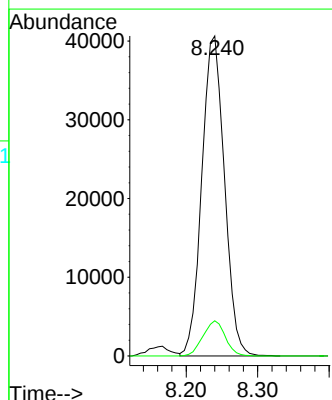
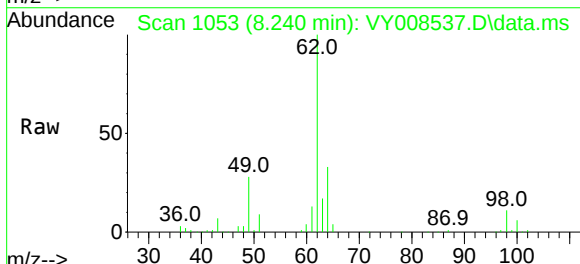
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

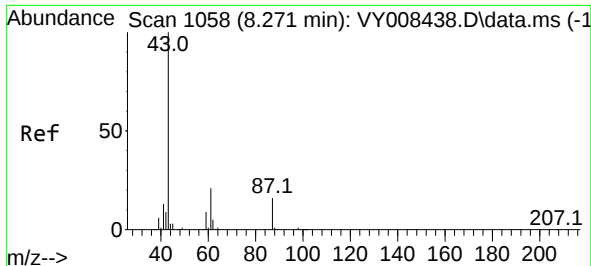
Tgt Ion: 41 Resp: 72041
Ion Ratio Lower Upper
41 100
39 26.7 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 51.174 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY008537.D
Acq: 28 Apr 2022 10:33

Tgt Ion: 62 Resp: 89438
Ion Ratio Lower Upper
62 100
98 10.8 0.0 14.8





#43

Isopropyl Acetate

Concen: 51.444 ug/l

RT: 8.270 min Scan# 1058

Delta R.T. -0.001 min

Lab File: VY008537.D

Acq: 28 Apr 2022 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

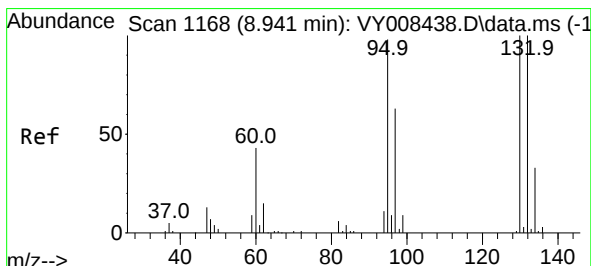
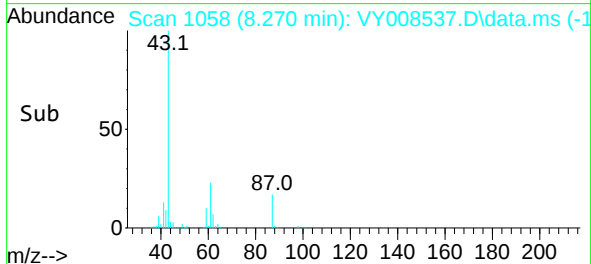
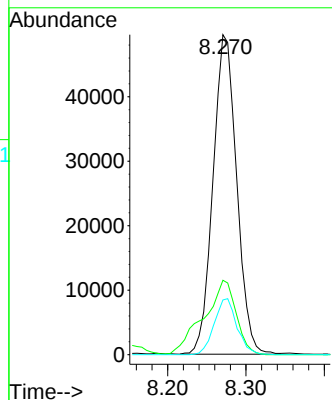
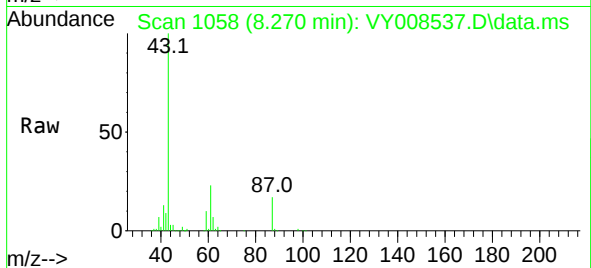
Tgt Ion: 43 Resp: 104115

Ion Ratio Lower Upper

43 100

61 32.0 20.2 30.2#

87 16.8 8.9 13.3#



#44

Trichloroethene

Concen: 52.826 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY008537.D

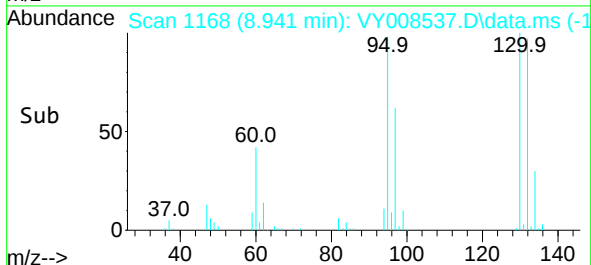
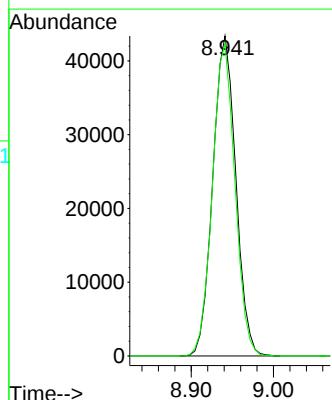
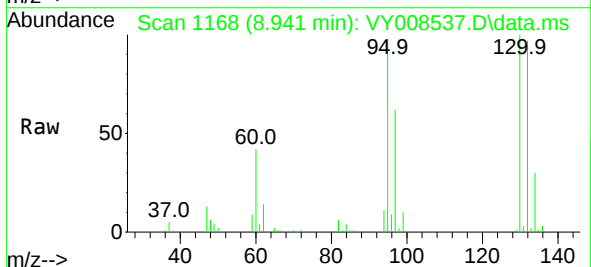
Acq: 28 Apr 2022 10:33

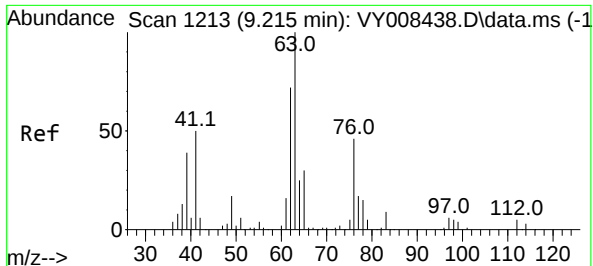
Tgt Ion:130 Resp: 84486

Ion Ratio Lower Upper

130 100

95 97.6 0.0 188.2





#45

1,2-Dichloropropane

Concen: 52.176 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY008537.D

Acq: 28 Apr 2022 10:33

Instrument :

MSVOA_Y

ClientSampleId :

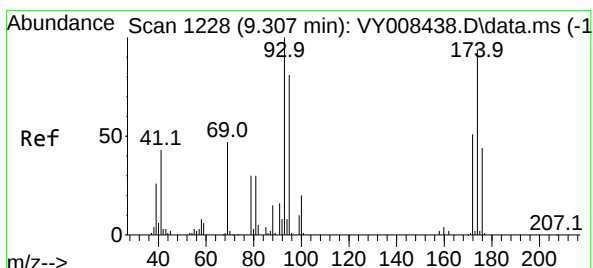
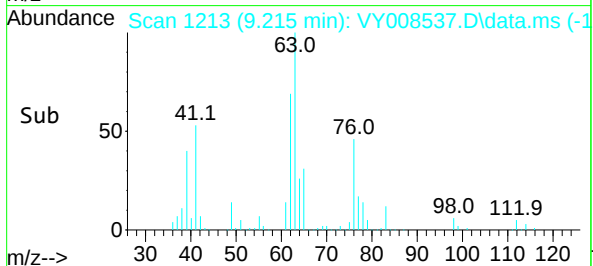
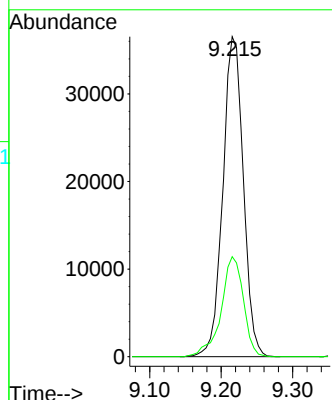
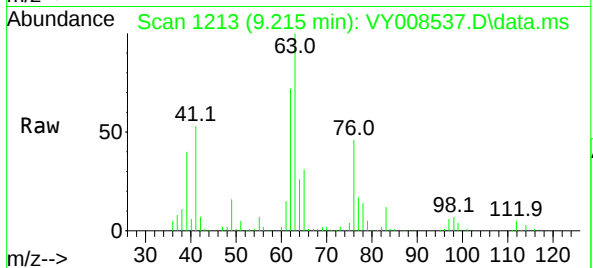
VSTDCCC050

Tgt Ion: 63 Resp: 72735

Ion Ratio Lower Upper

63 100

65 31.3 23.0 34.6



#46

Dibromomethane

Concen: 50.786 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY008537.D

Acq: 28 Apr 2022 10:33

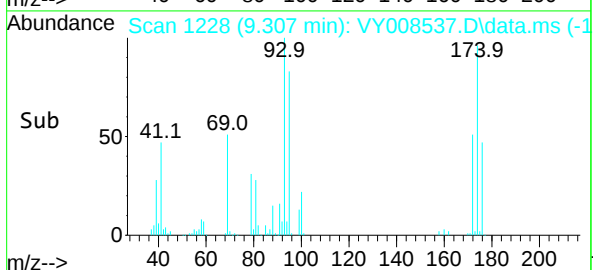
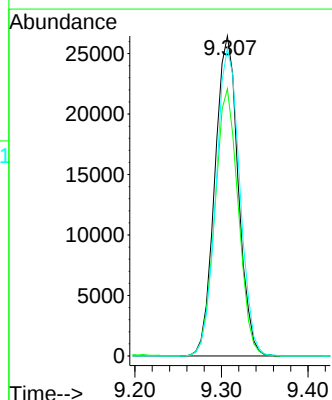
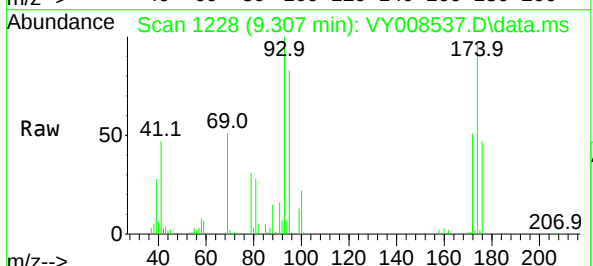
Tgt Ion: 93 Resp: 49600

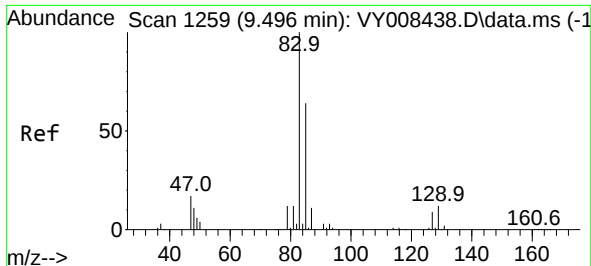
Ion Ratio Lower Upper

93 100

95 83.4 64.3 96.5

174 97.9 83.4 125.0





#47

Bromodichloromethane

Concen: 52.865 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY008537.D

Acq: 28 Apr 2022 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

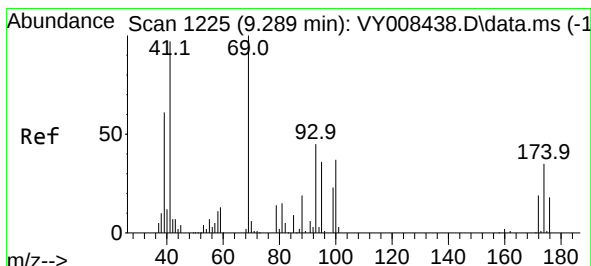
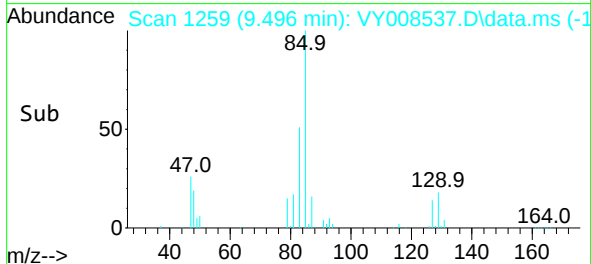
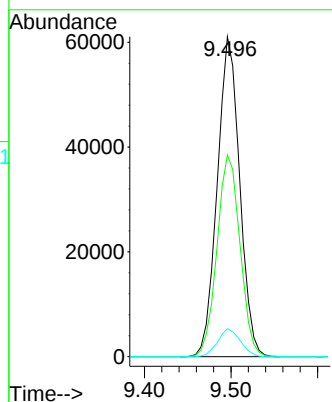
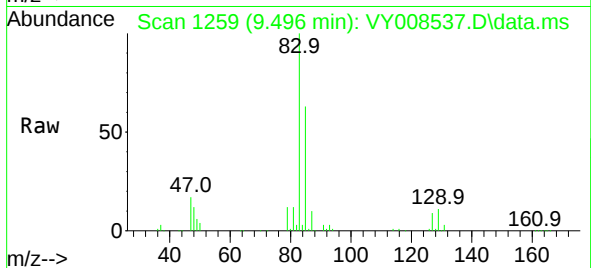
Tgt Ion: 83 Resp: 109602

Ion Ratio Lower Upper

83 100

85 63.0 51.9 77.9

127 8.7 6.6 10.0



#48

Methyl methacrylate

Concen: 51.109 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY008537.D

Acq: 28 Apr 2022 10:33

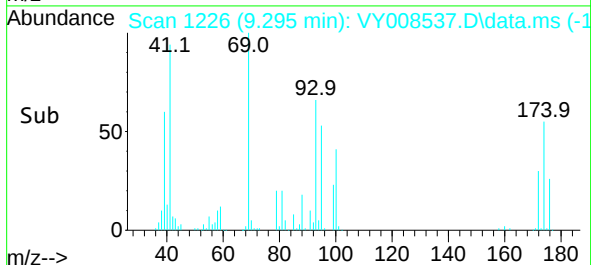
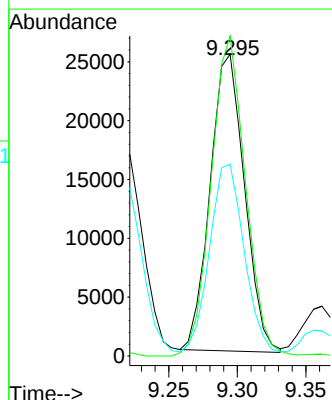
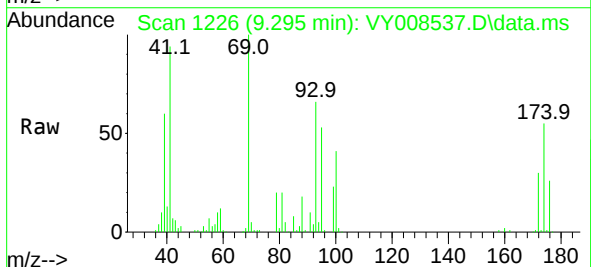
Tgt Ion: 41 Resp: 43981

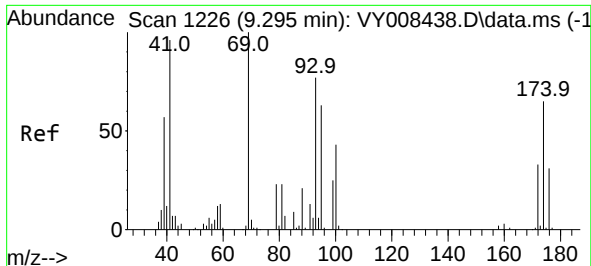
Ion Ratio Lower Upper

41 100

69 107.5 58.2 87.2#

39 63.7 47.4 71.0





#49

1,4-Dioxane

Concen: 985.987 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY008537.D

Acq: 28 Apr 2022 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

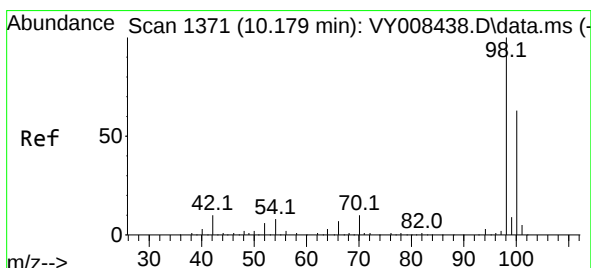
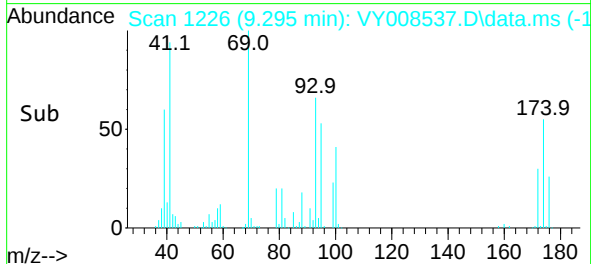
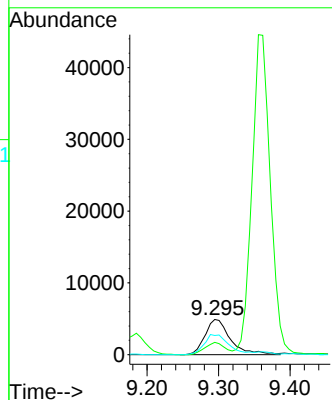
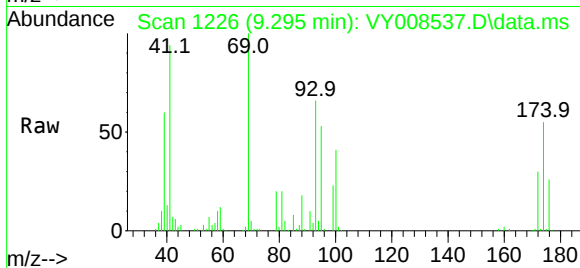
Tgt Ion: 88 Resp: 12143

Ion Ratio Lower Upper

88 100

43 27.6 32.8 49.2#

58 56.4 59.8 89.6#



#50

Toluene-d8

Concen: 46.381 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY008537.D

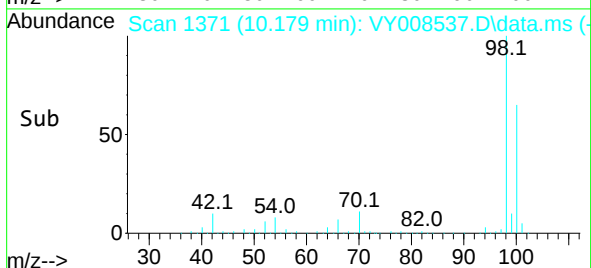
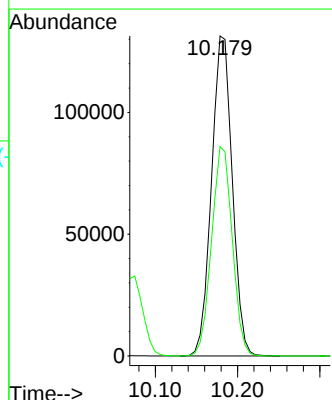
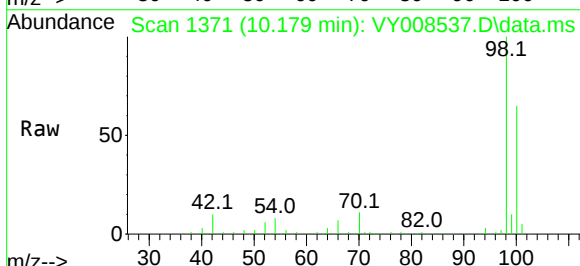
Acq: 28 Apr 2022 10:33

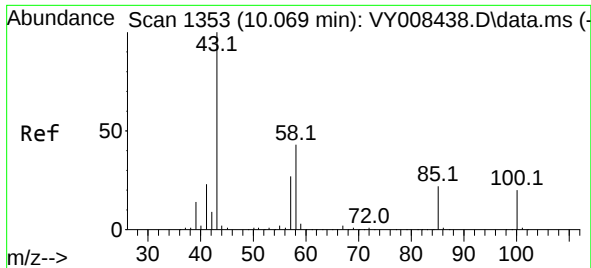
Tgt Ion: 98 Resp: 230397

Ion Ratio Lower Upper

98 100

100 65.4 50.2 75.2

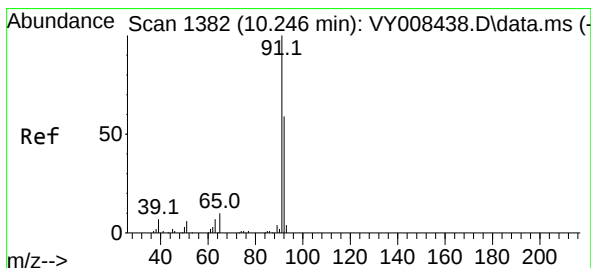
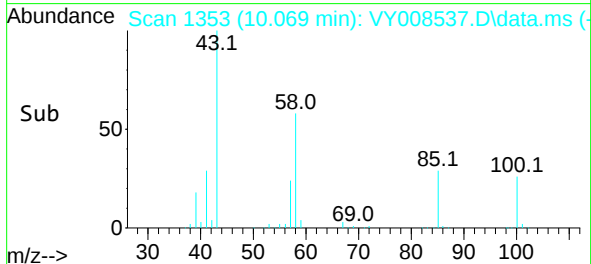
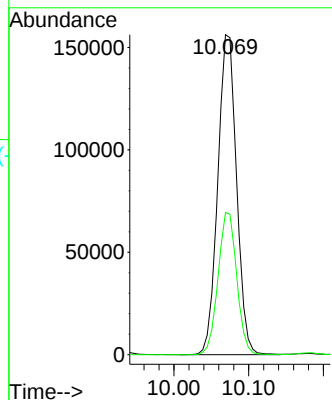
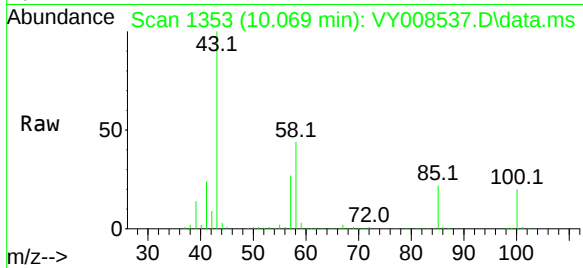




#51
4-Methyl-2-Pentanone
Concen: 256.871 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY008537.D
Acq: 28 Apr 2022 10:33

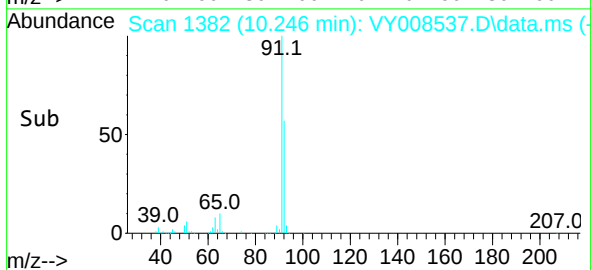
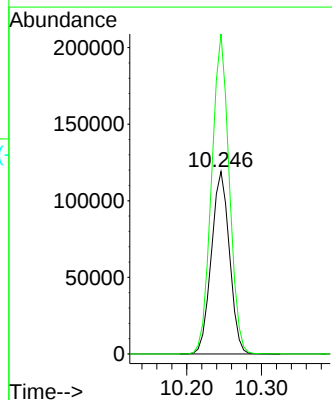
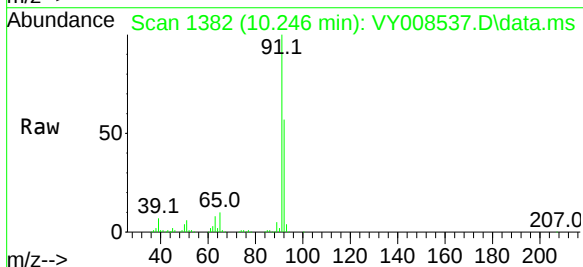
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

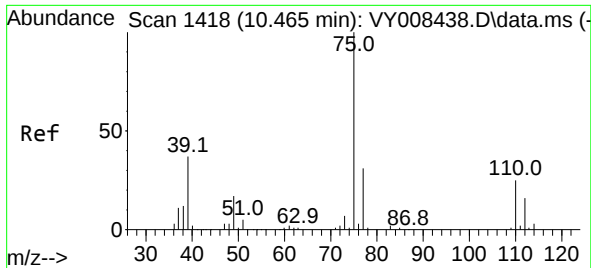
Tgt Ion: 43 Resp: 273480
Ion Ratio Lower Upper
43 100
58 44.2 28.1 42.1#



#52
Toluene
Concen: 51.993 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY008537.D
Acq: 28 Apr 2022 10:33

Tgt Ion: 92 Resp: 199602
Ion Ratio Lower Upper
92 100
91 171.4 142.6 213.8

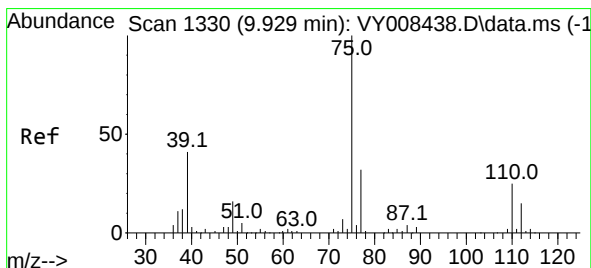
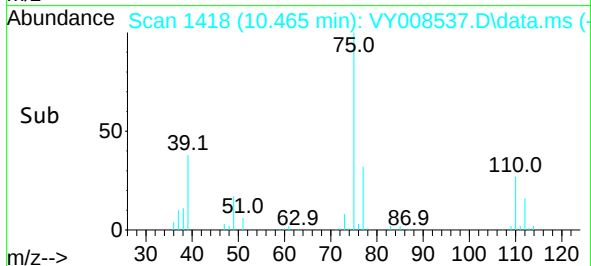
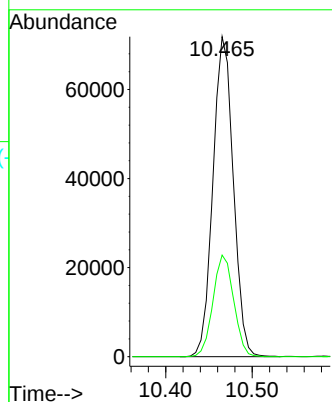
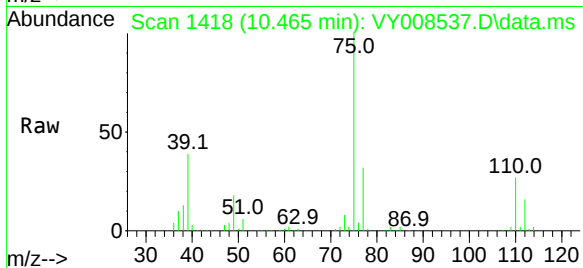




#53
t-1,3-Dichloropropene
Concen: 52.838 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY008537.D
Acq: 28 Apr 2022 10:33

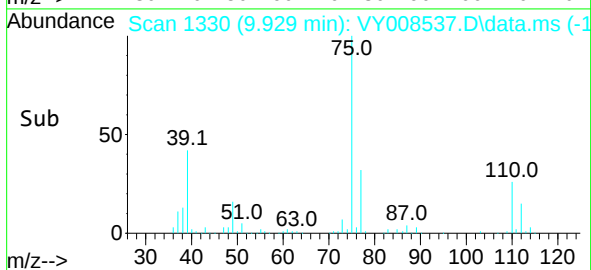
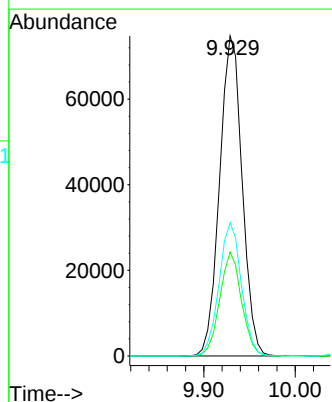
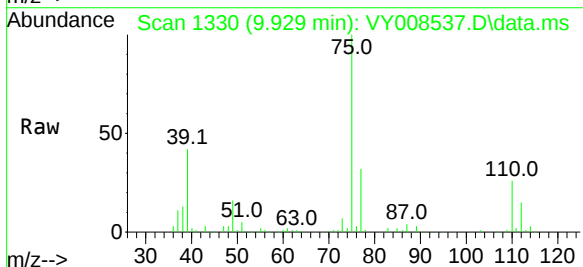
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

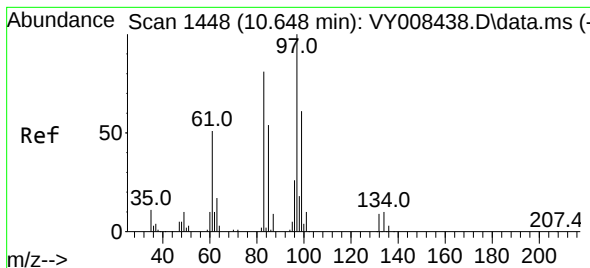
Tgt Ion: 75 Resp: 117476
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 52.120 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY008537.D
Acq: 28 Apr 2022 10:33

Tgt Ion: 75 Resp: 128414
Ion Ratio Lower Upper
75 100
77 32.5 25.6 38.4
39 41.6 47.6 71.4#

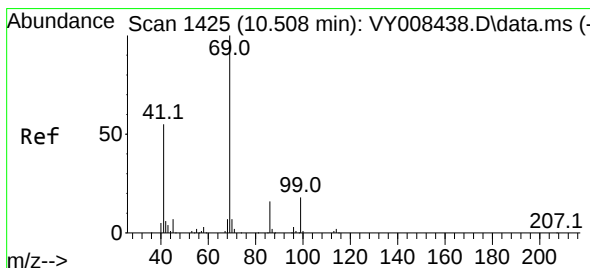
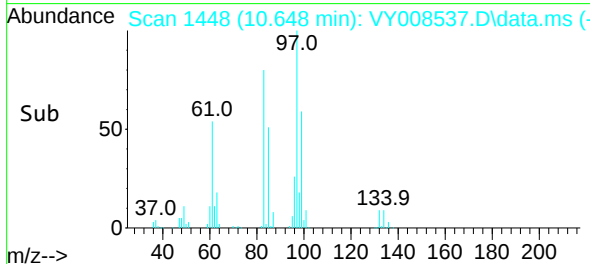
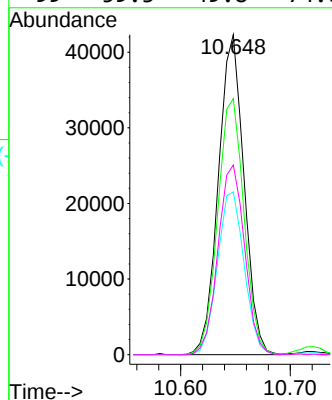
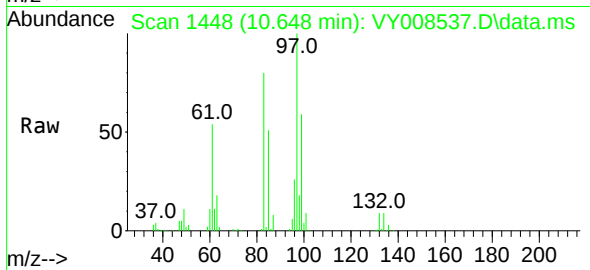




#55
1,1,2-Trichloroethane
Concen: 51.566 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY008537.D
Acq: 28 Apr 2022 10:33

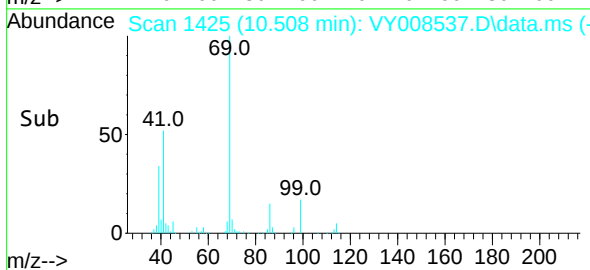
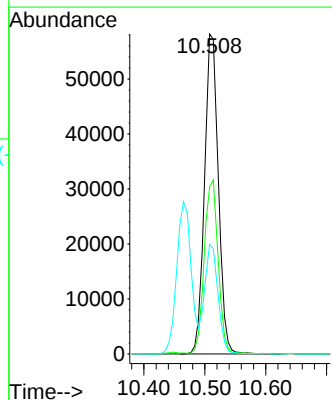
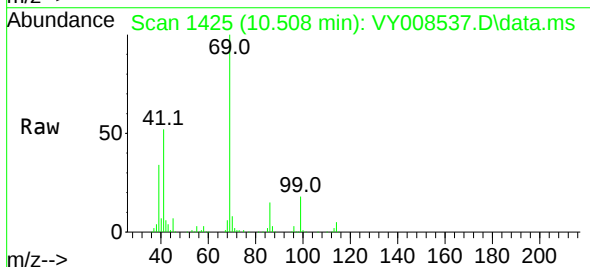
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

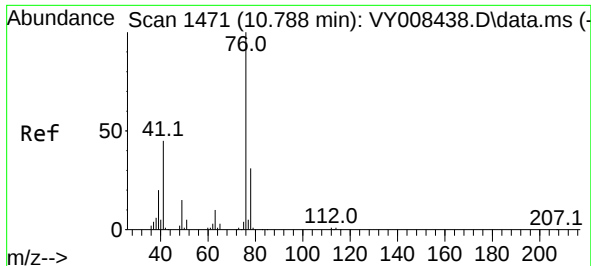
Tgt Ion: 97	Resp: 68737
Ion Ratio	Lower Upper
97 100	
83 80.0	69.8 104.8
85 50.9	44.3 66.5
99 59.3	49.8 74.6



#56
Ethyl methacrylate
Concen: 53.398 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY008537.D
Acq: 28 Apr 2022 10:33

Tgt Ion: 69	Resp: 91907
Ion Ratio	Lower Upper
69 100	
41 54.5	63.4 95.0#
39 33.1	35.8 53.8#





#57

1,3-Dichloropropane

Concen: 51.813 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY008537.D

Acq: 28 Apr 2022 10:33

Instrument :

MSVOA_Y

ClientSampleId :

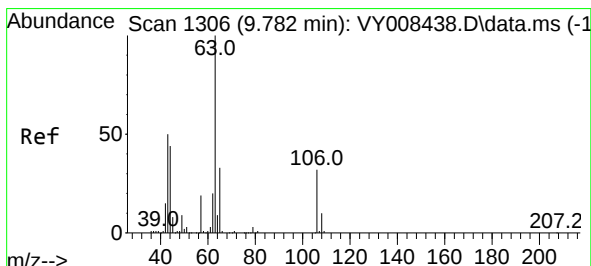
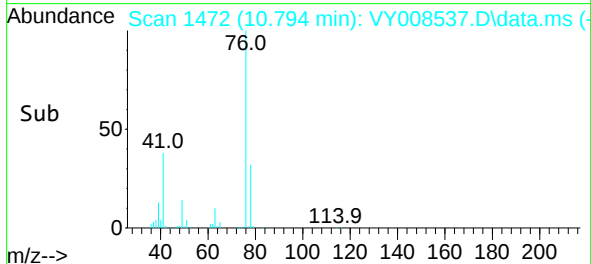
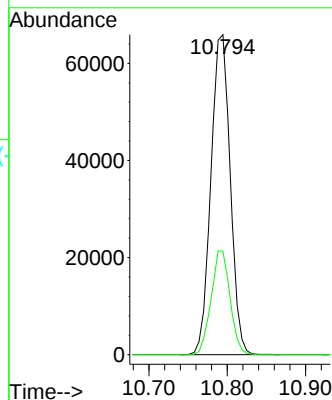
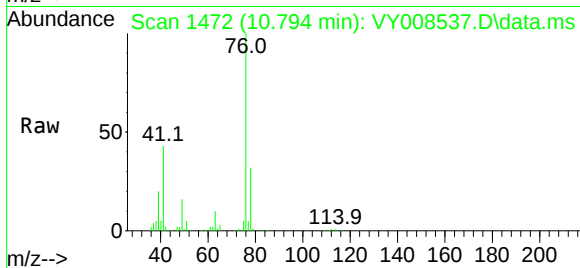
VSTDCCC050

Tgt Ion: 76 Resp: 112745

Ion Ratio Lower Upper

76 100

78 31.8 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 246.005 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008537.D

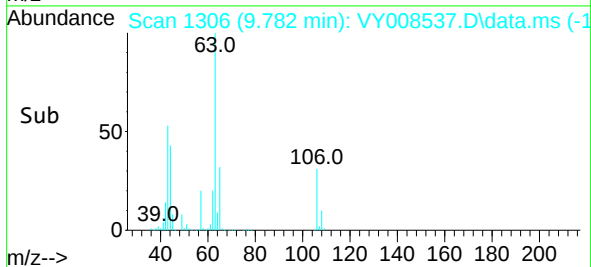
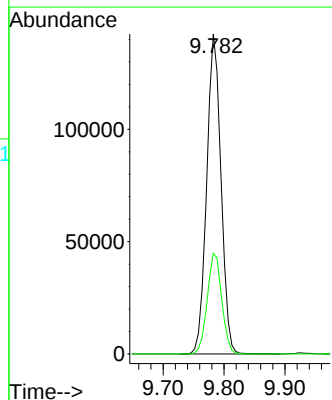
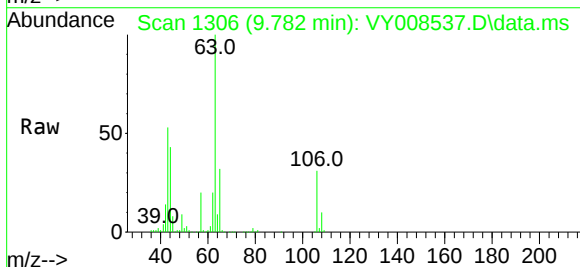
Acq: 28 Apr 2022 10:33

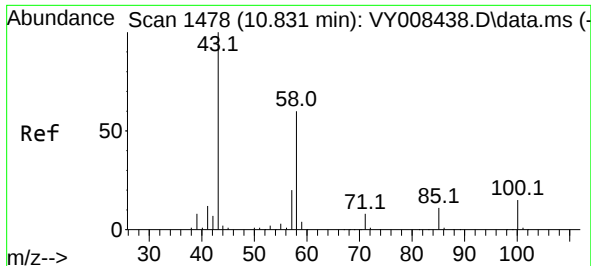
Tgt Ion: 63 Resp: 232052

Ion Ratio Lower Upper

63 100

106 31.9 21.5 32.3

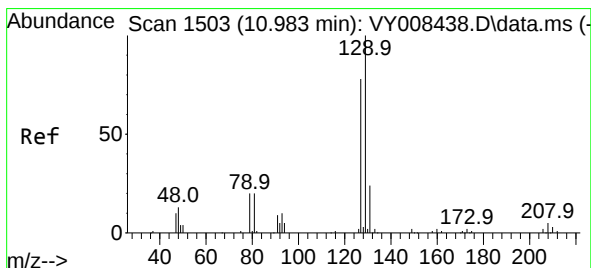
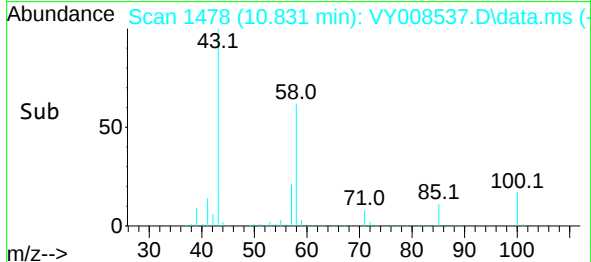
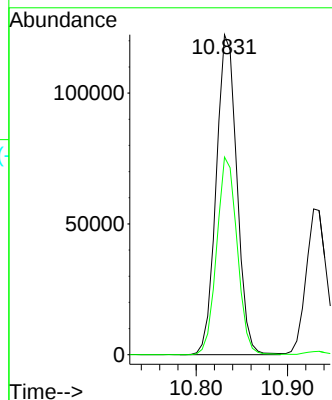
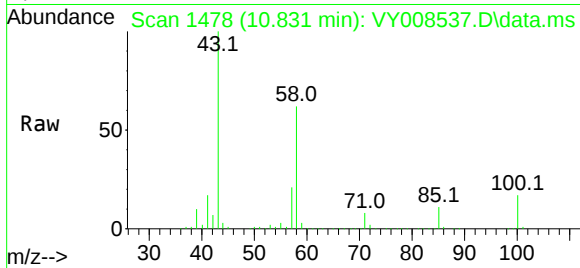




#59
2-Hexanone
Concen: 262.687 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY008537.D
Acq: 28 Apr 2022 10:33

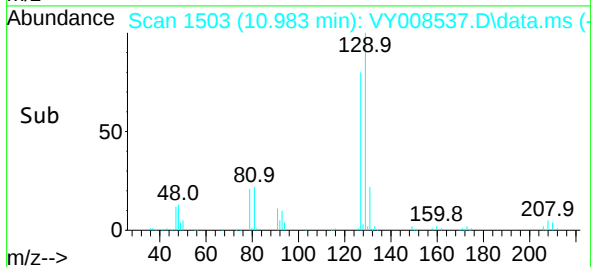
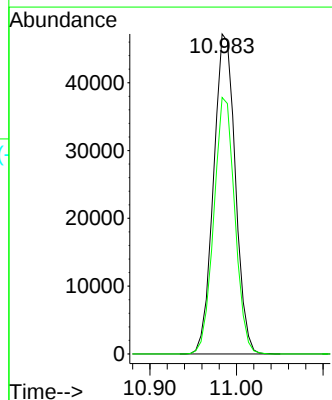
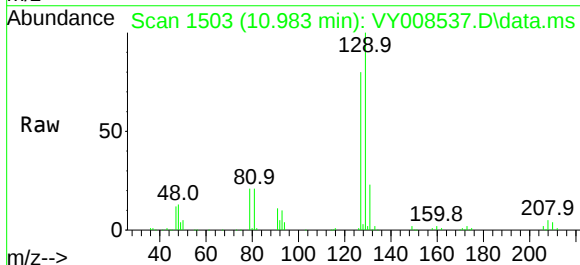
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

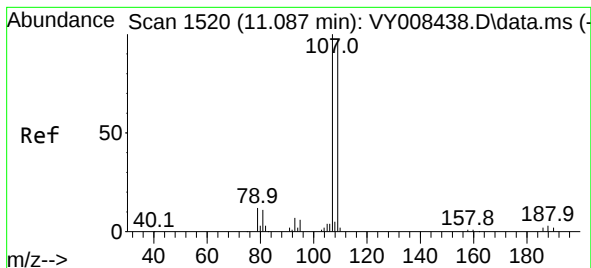
Tgt Ion: 43 Resp: 192458
Ion Ratio Lower Upper
43 100
58 61.1 24.4 73.4



#60
Dibromochloromethane
Concen: 53.746 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008537.D
Acq: 28 Apr 2022 10:33

Tgt Ion:129 Resp: 82311
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1





#61

1,2-Dibromoethane

Concen: 51.813 ug/l

RT: 11.093 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008537.D

Acq: 28 Apr 2022 10:33

Instrument :

MSVOA_Y

ClientSampleId :

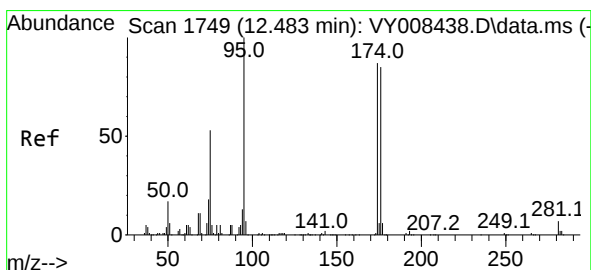
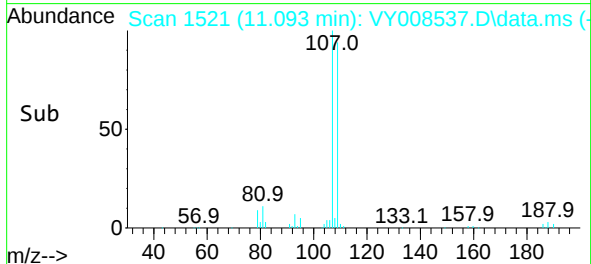
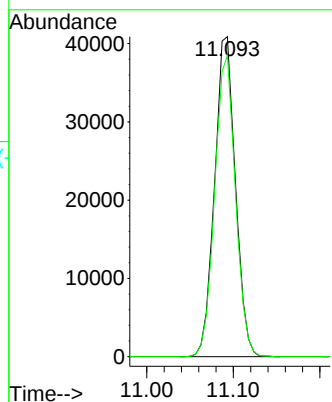
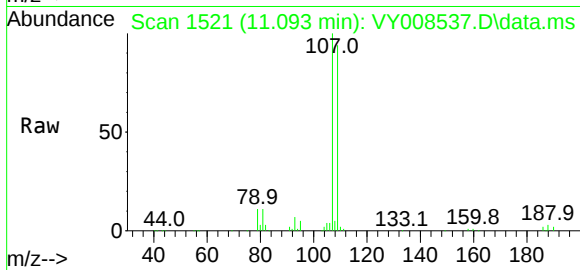
VSTDCCC050

Tgt Ion:107 Resp: 68311

Ion Ratio Lower Upper

107 100

109 93.8 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 47.694 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY008537.D

Acq: 28 Apr 2022 10:33

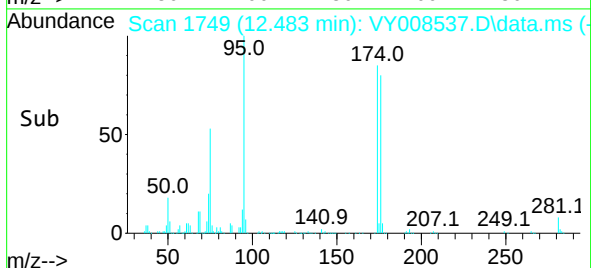
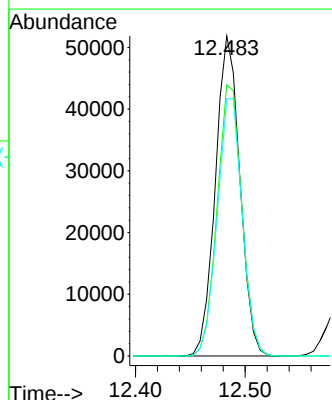
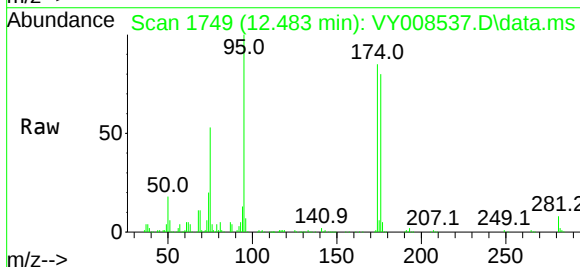
Tgt Ion: 95 Resp: 80336

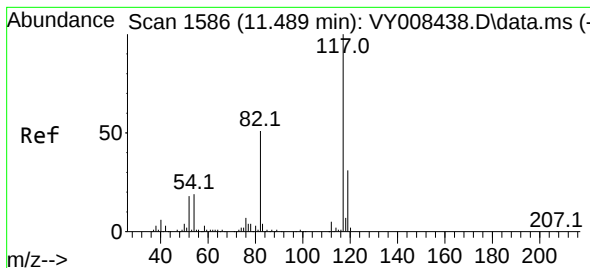
Ion Ratio Lower Upper

95 100

174 85.8 0.0 177.0

176 82.2 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008537.D

Acq: 28 Apr 2022 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

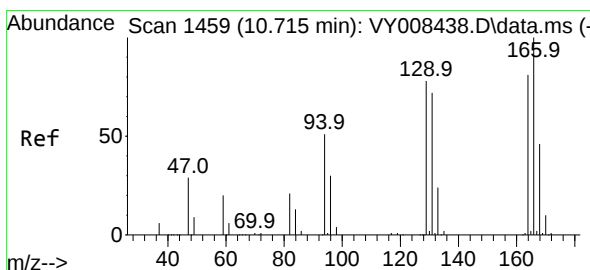
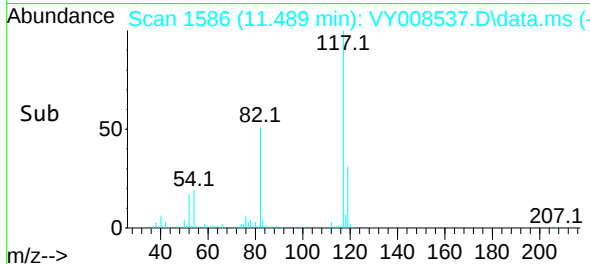
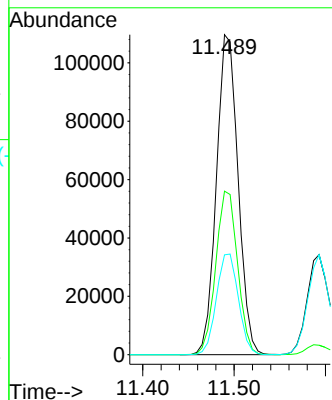
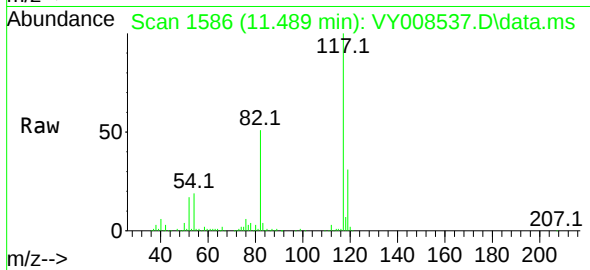
Tgt Ion:117 Resp: 180815

Ion Ratio Lower Upper

117 100

82 51.1 43.0 64.4

119 31.2 25.4 38.0



#64

Tetrachloroethene

Concen: 52.987 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY008537.D

Acq: 28 Apr 2022 10:33

Tgt Ion:164 Resp: 71049

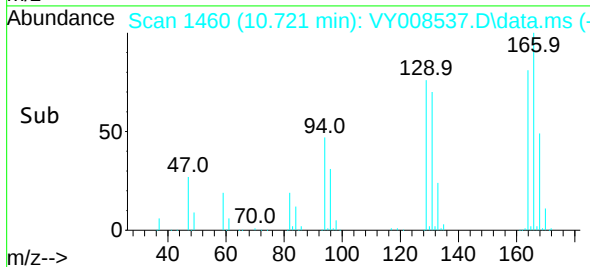
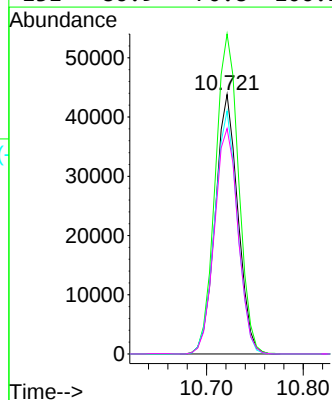
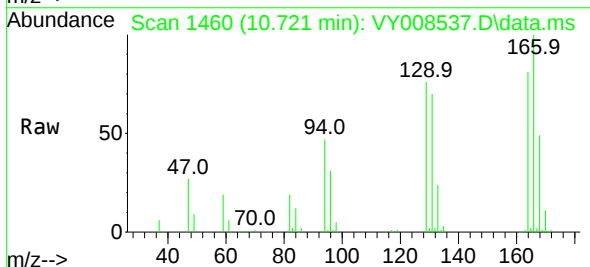
Ion Ratio Lower Upper

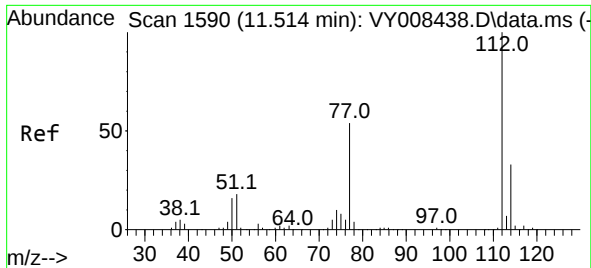
164 100

166 123.3 100.4 150.6

129 93.7 71.4 107.0

131 86.9 70.8 106.2

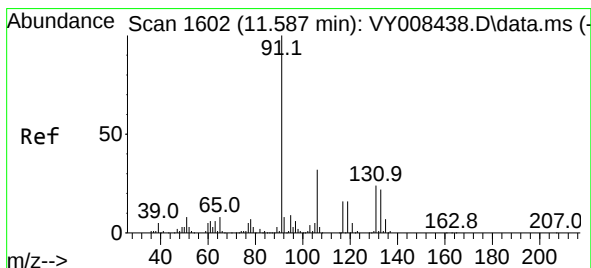
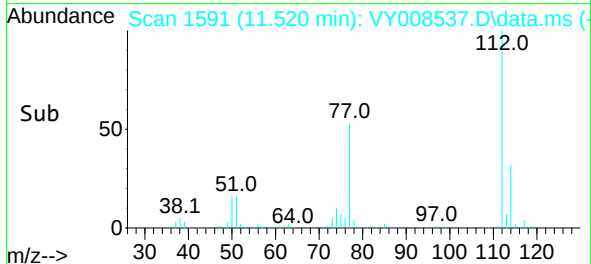
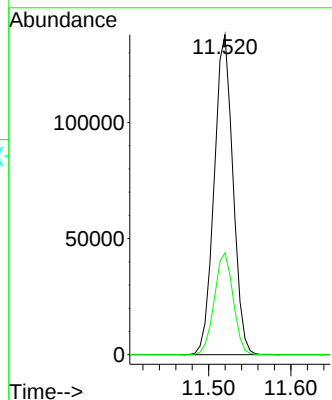
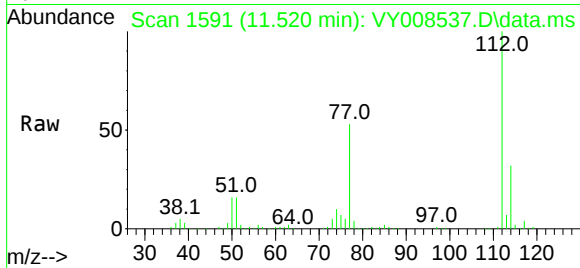




#65
Chlorobenzene
Concen: 53.461 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008537.D
Acq: 28 Apr 2022 10:33

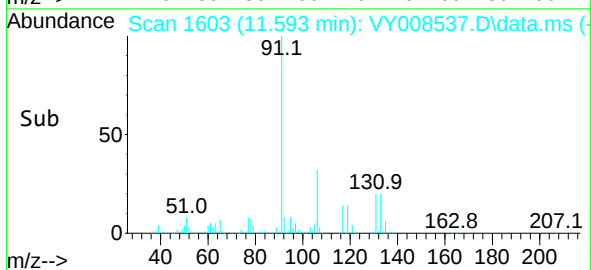
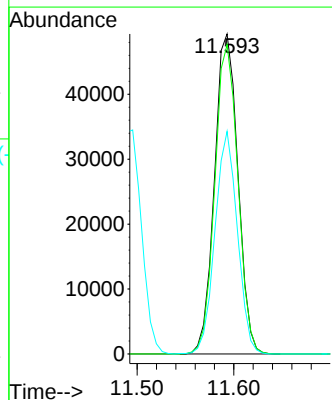
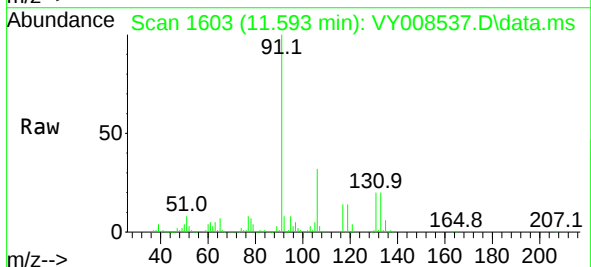
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

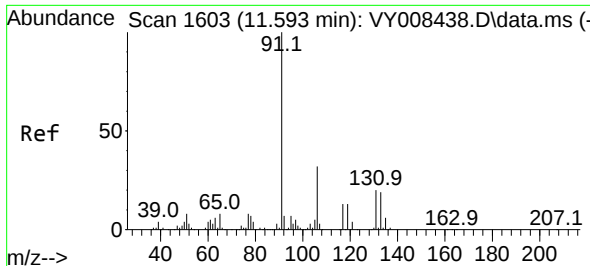
Tgt Ion:112 Resp: 218571
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.961 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY008537.D
Acq: 28 Apr 2022 10:33

Tgt Ion:131 Resp: 82961
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.6
119 66.4 30.8 92.3





#67

Ethyl Benzene

Concen: 53.725 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008537.D

Acq: 28 Apr 2022 10:33

Instrument :

MSVOA_Y

ClientSampleId :

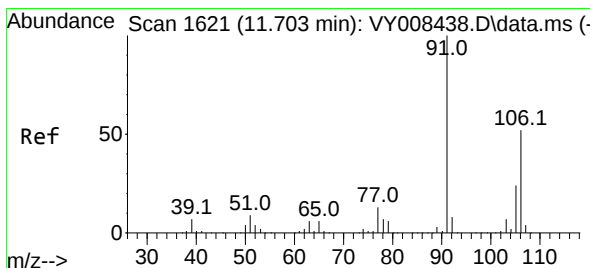
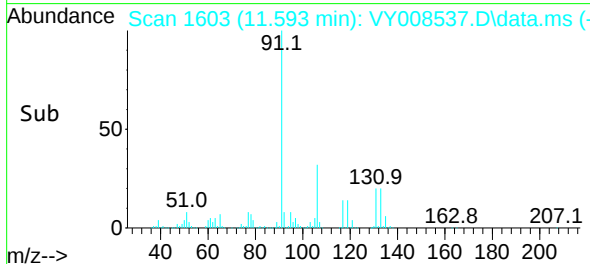
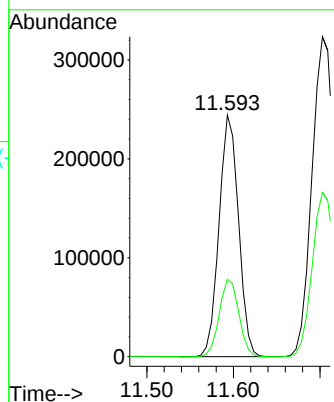
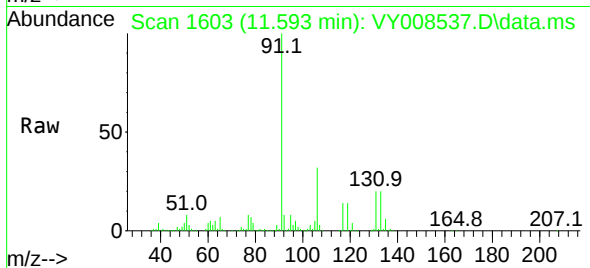
VSTDCCC050

Tgt Ion: 91 Resp: 381205

Ion Ratio Lower Upper

91 100

106 32.0 24.5 36.7



#68

m/p-Xylenes

Concen: 107.693 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY008537.D

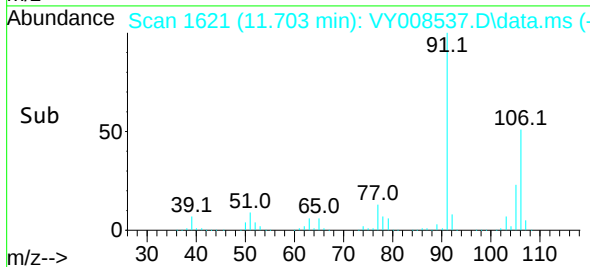
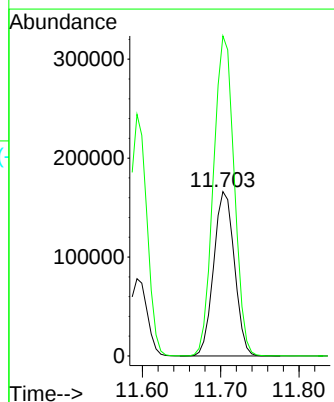
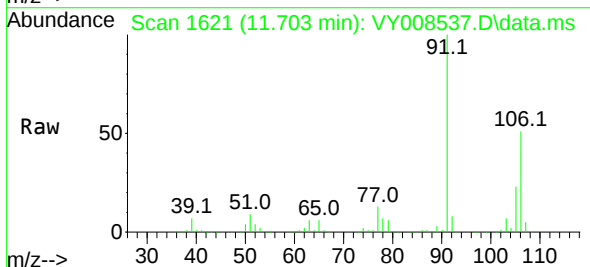
Acq: 28 Apr 2022 10:33

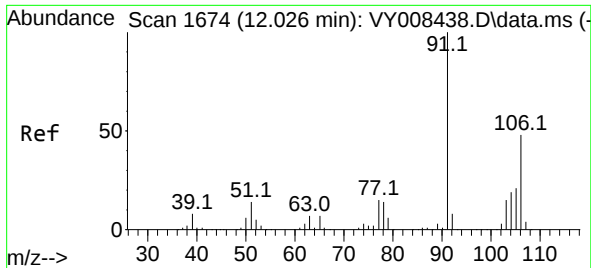
Tgt Ion:106 Resp: 306082

Ion Ratio Lower Upper

106 100

91 194.8 166.6 249.8

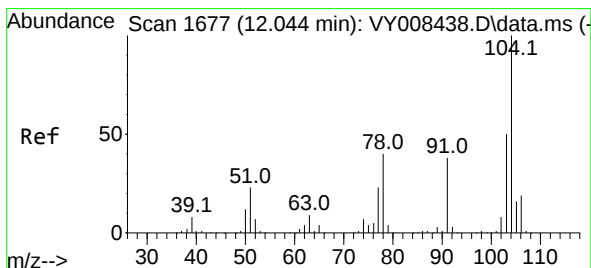
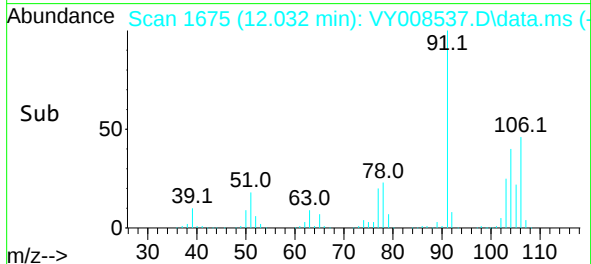
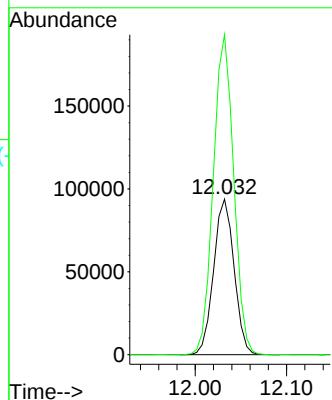
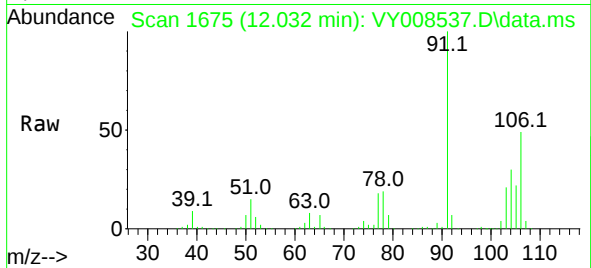




#69
o-Xylene
Concen: 53.310 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY008537.D
Acq: 28 Apr 2022 10:33

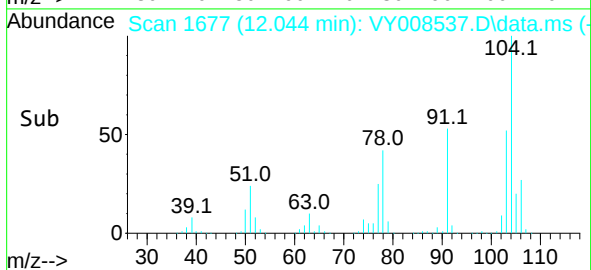
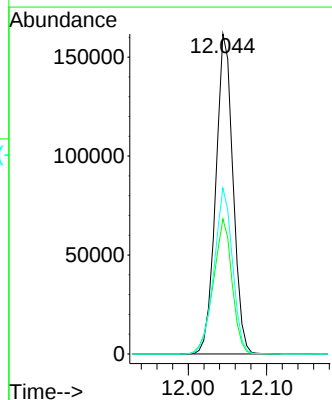
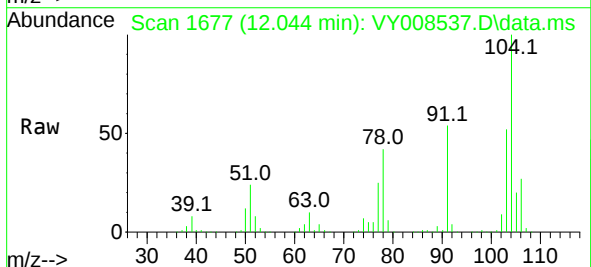
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

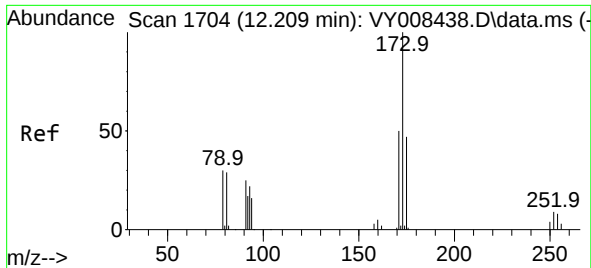
Tgt Ion:106 Resp: 145870
Ion Ratio Lower Upper
106 100
91 205.3 110.3 331.0



#70
Styrene
Concen: 53.666 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008537.D
Acq: 28 Apr 2022 10:33

Tgt Ion:104 Resp: 247458
Ion Ratio Lower Upper
104 100
78 45.7 42.4 63.6
103 55.2 44.4 66.6

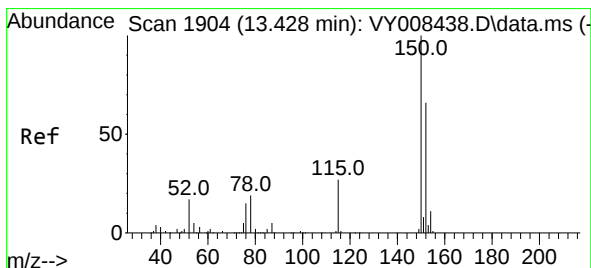
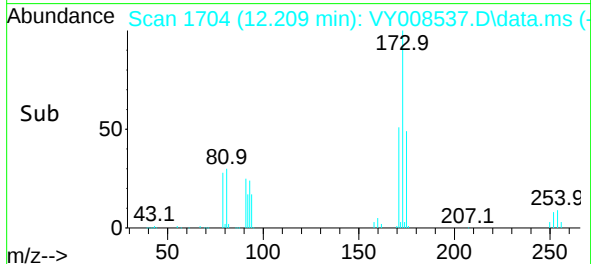
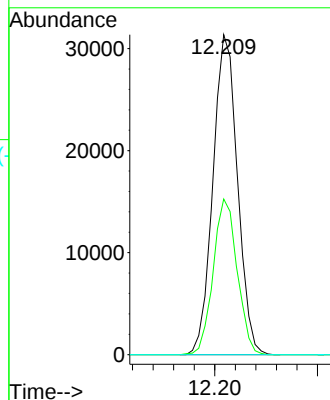
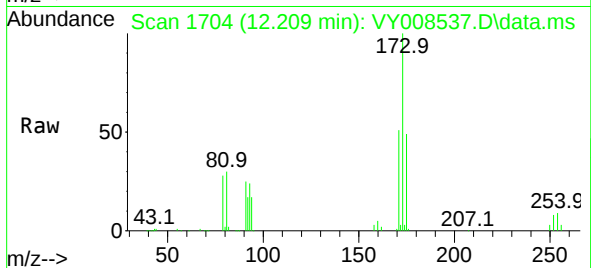




#71
Bromoform
Concen: 54.863 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY008537.D
Acq: 28 Apr 2022 10:33

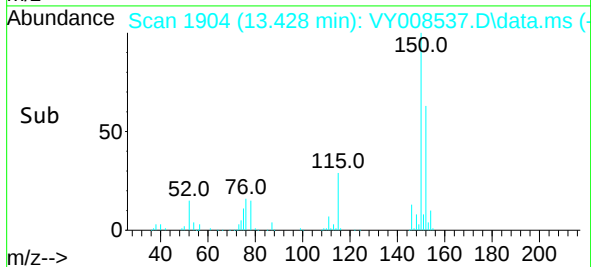
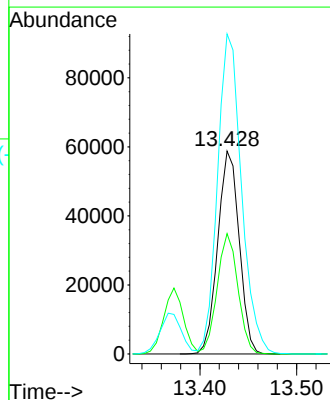
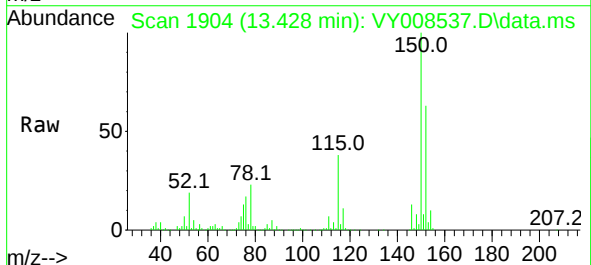
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

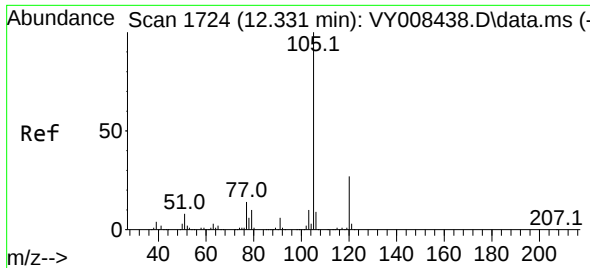
Tgt Ion:173 Resp: 51898
Ion Ratio Lower Upper
173 100
175 47.5 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008537.D
Acq: 28 Apr 2022 10:33

Tgt Ion:152 Resp: 90319
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.7
150 176.2 0.0 347.6

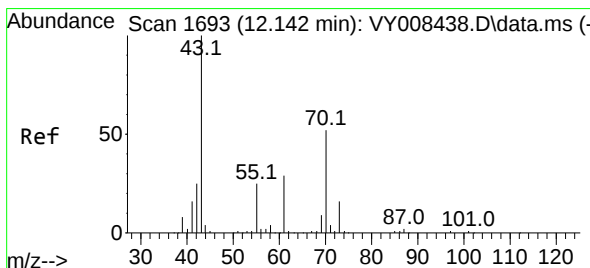
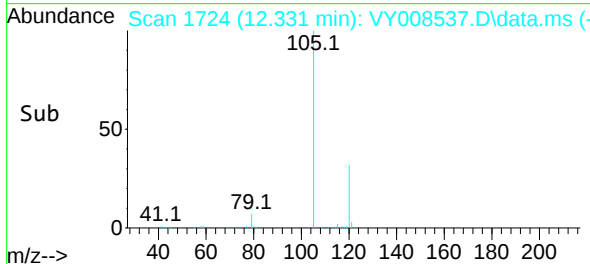
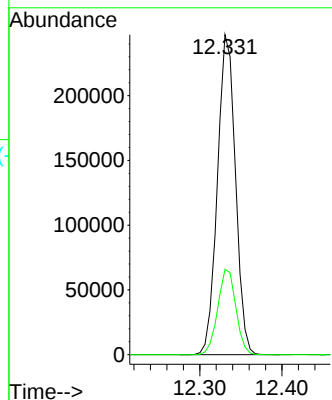
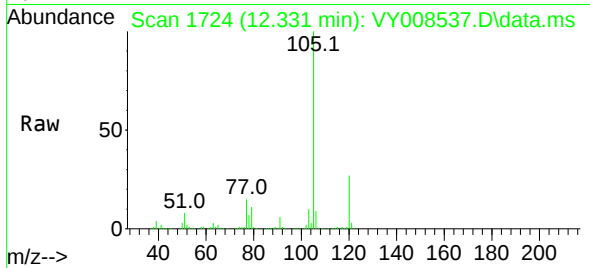




#73
Isopropylbenzene
Concen: 55.064 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008537.D
Acq: 28 Apr 2022 10:33

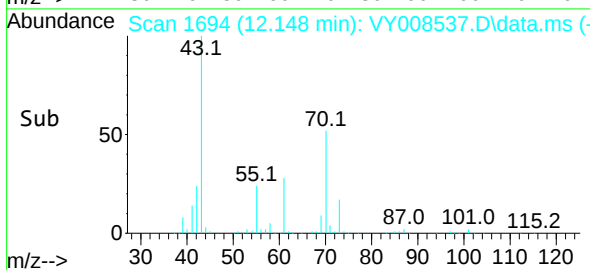
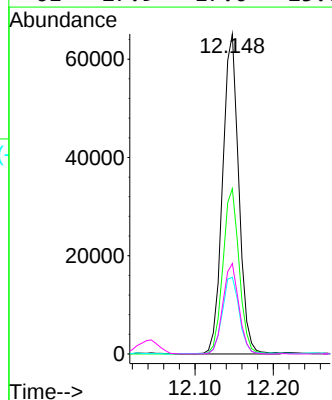
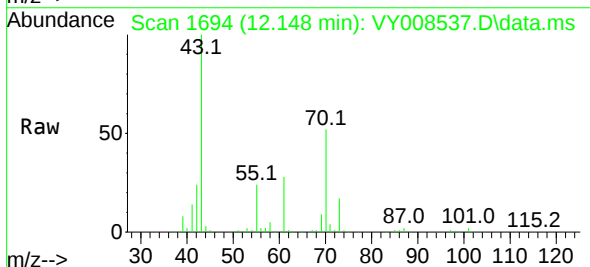
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

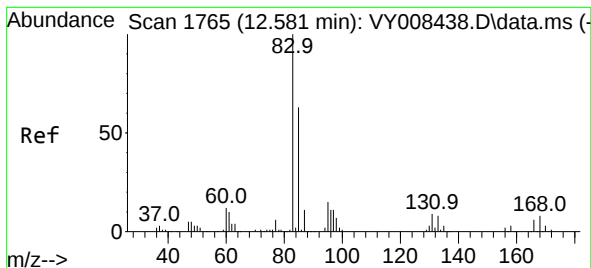
Tgt Ion:105 Resp: 377074
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.2



#74
N-ethyl acetate
Concen: 55.337 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY008537.D
Acq: 28 Apr 2022 10:33

Tgt Ion: 43 Resp: 93631
Ion Ratio Lower Upper
43 100
70 51.9 28.7 43.1#
55 24.9 17.3 25.9
61 27.9 17.0 25.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 53.099 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY008537.D

Acq: 28 Apr 2022 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

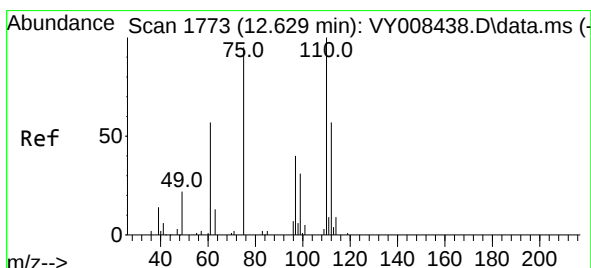
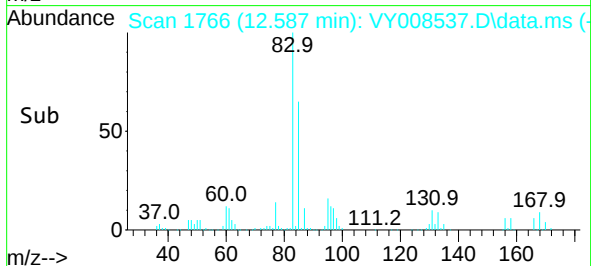
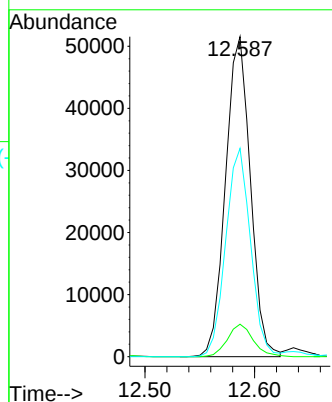
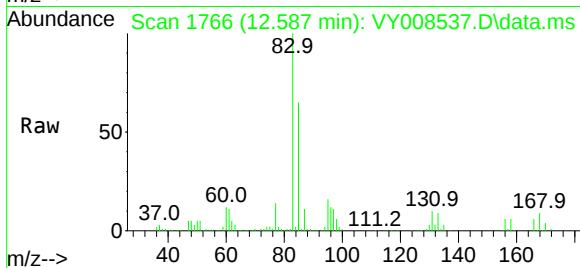
Tgt Ion: 83 Resp: 81245

Ion Ratio Lower Upper

83 100

131 10.6 5.6 16.8

85 65.1 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 86.872 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.007 min

Lab File: VY008537.D

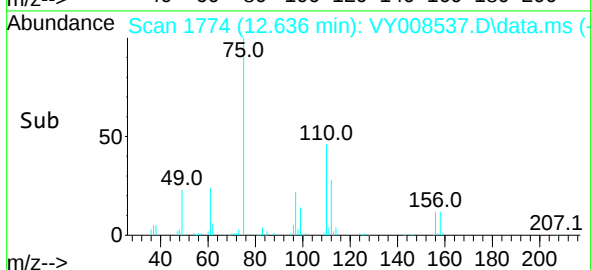
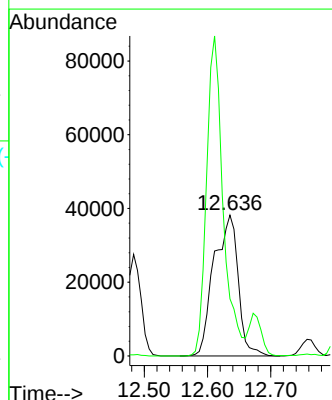
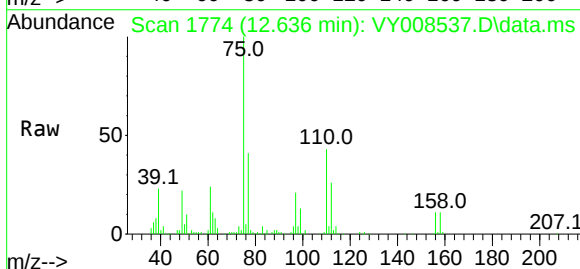
Acq: 28 Apr 2022 10:33

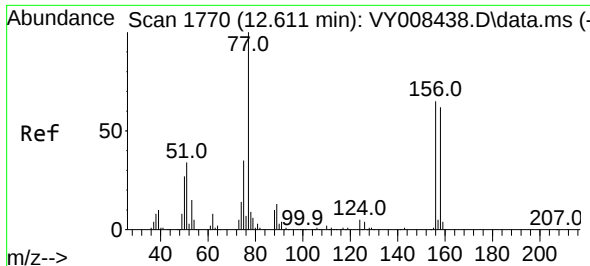
Tgt Ion: 75 Resp: 101543

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

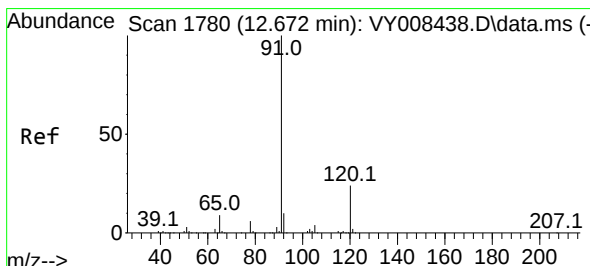
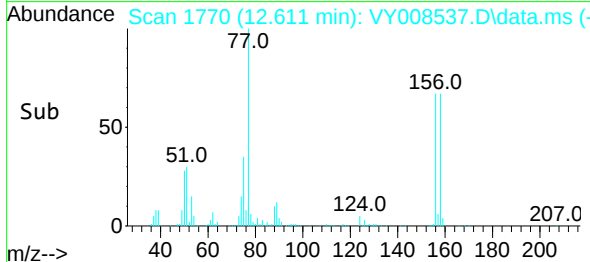
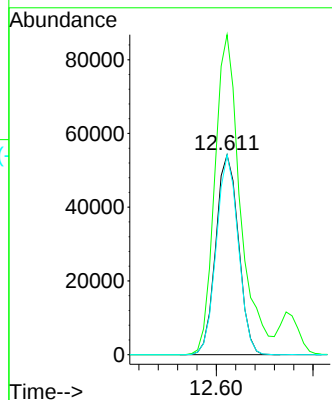
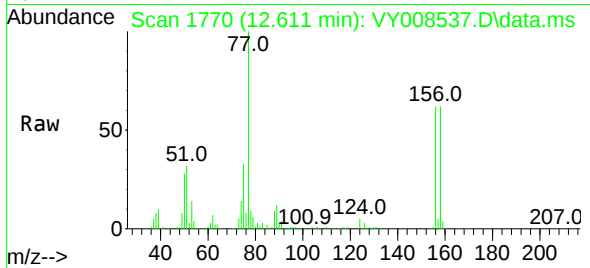




#77
Bromobenzene
Concen: 52.731 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY008537.D
Acq: 28 Apr 2022 10:33

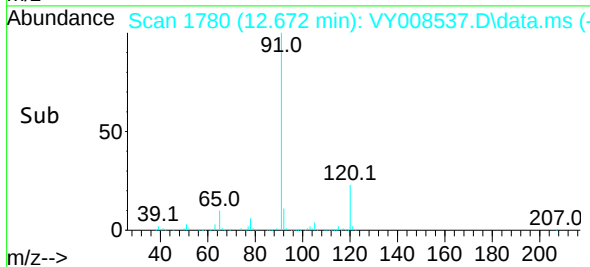
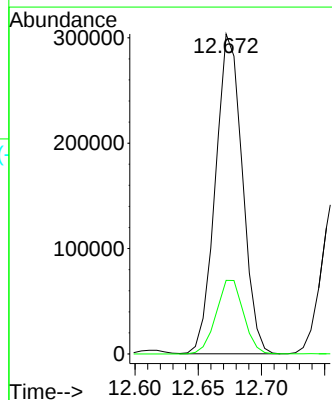
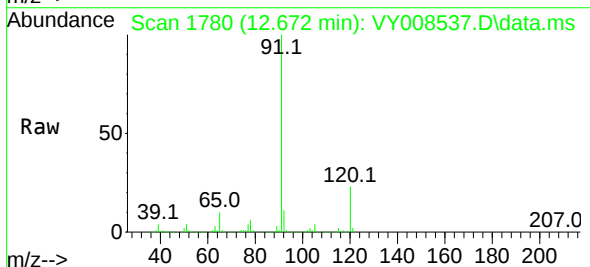
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

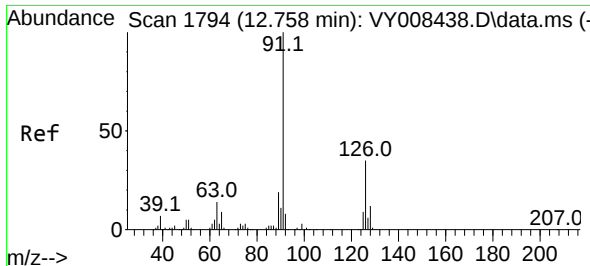
Tgt Ion:156 Resp: 88065
Ion Ratio Lower Upper
156 100
77 181.0 95.5 286.4
158 96.7 48.0 144.0



#78
n-propylbenzene
Concen: 54.575 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008537.D
Acq: 28 Apr 2022 10:33

Tgt Ion: 91 Resp: 448271
Ion Ratio Lower Upper
91 100
120 23.5 11.3 33.9

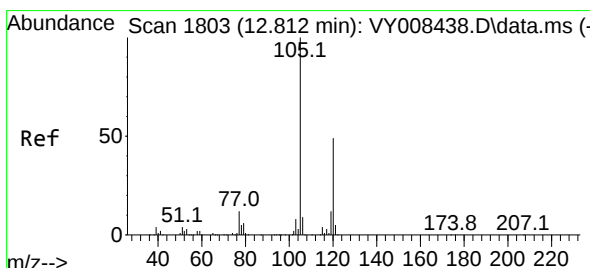
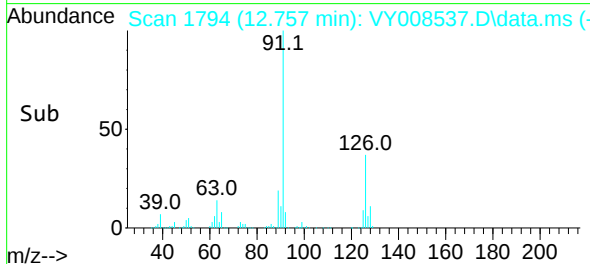
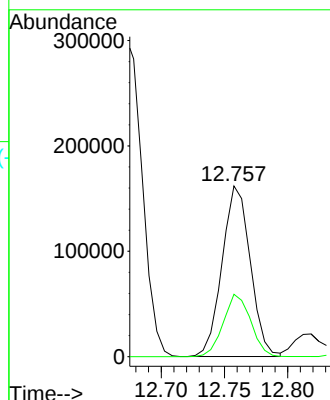
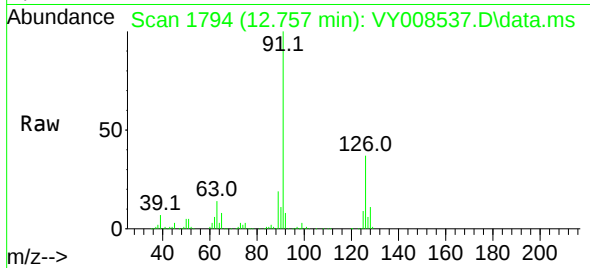




#79
2-Chlorotoluene
Concen: 54.315 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY008537.D
Acq: 28 Apr 2022 10:33

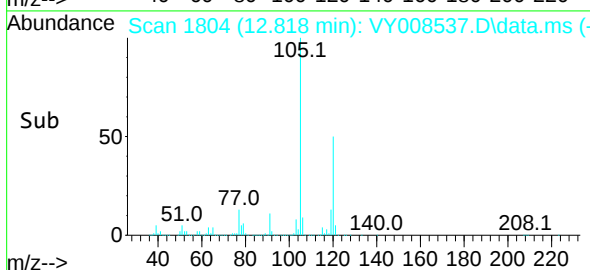
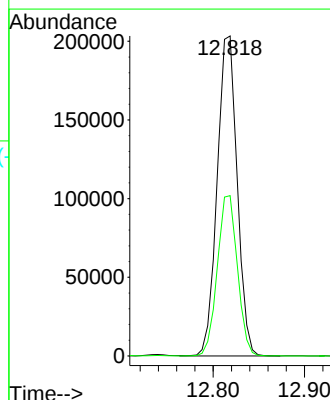
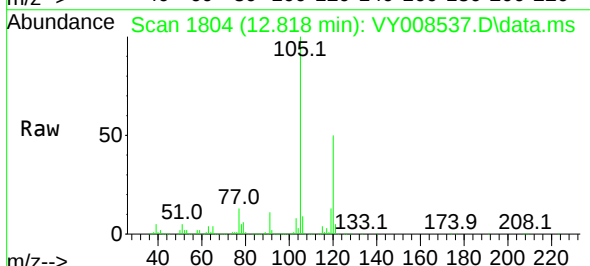
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

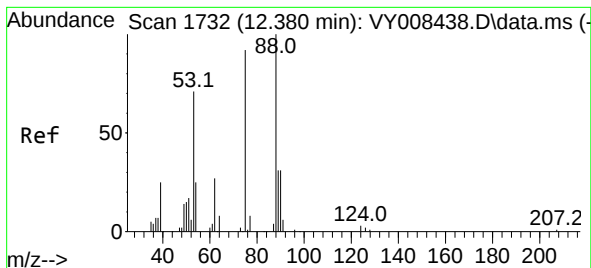
Tgt Ion: 91 Resp: 251099
Ion Ratio Lower Upper
91 100
126 35.6 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 54.486 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY008537.D
Acq: 28 Apr 2022 10:33

Tgt Ion: 105 Resp: 309706
Ion Ratio Lower Upper
105 100
120 50.4 24.4 73.4

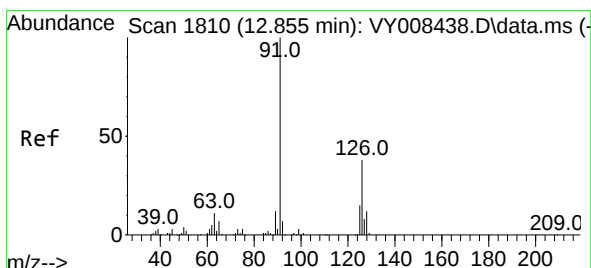
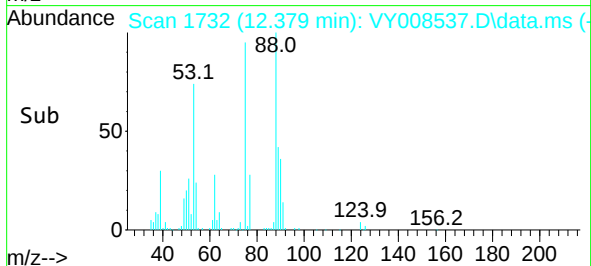
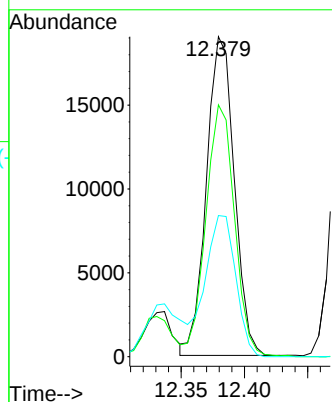
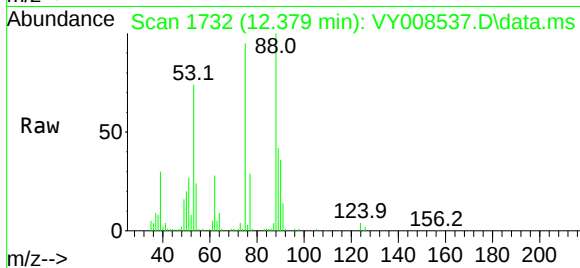




#81
trans-1,4-Dichloro-2-butene
Concen: 57.710 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.001 min
Lab File: VY008537.D
Acq: 28 Apr 2022 10:33

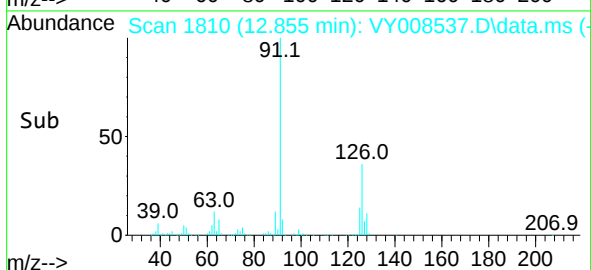
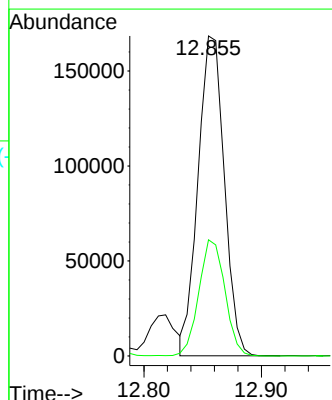
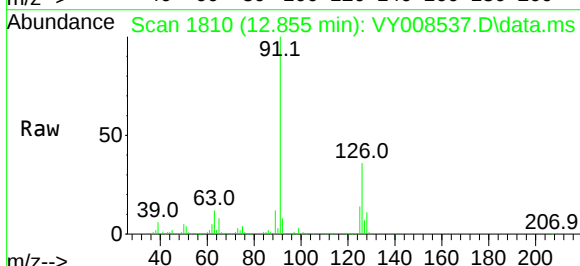
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

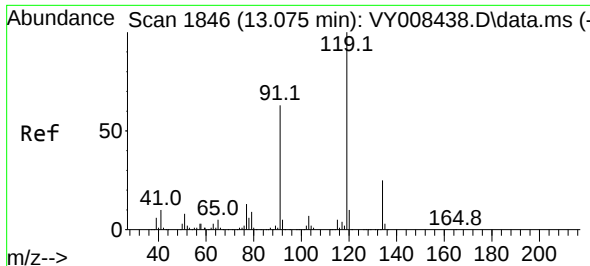
Tgt Ion: 75 Resp: 29077
Ion Ratio Lower Upper
75 100
53 81.6 85.3 127.9#
89 48.5 37.0 55.4



#82
4-Chlorotoluene
Concen: 54.548 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY008537.D
Acq: 28 Apr 2022 10:33

Tgt Ion: 91 Resp: 261318
Ion Ratio Lower Upper
91 100
126 36.1 17.0 51.0

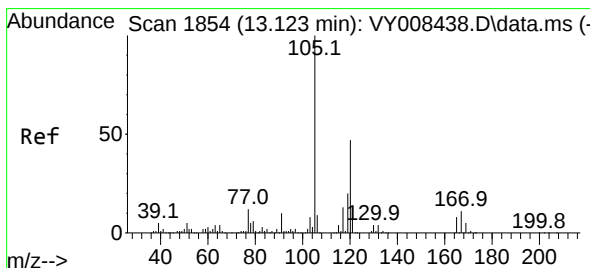
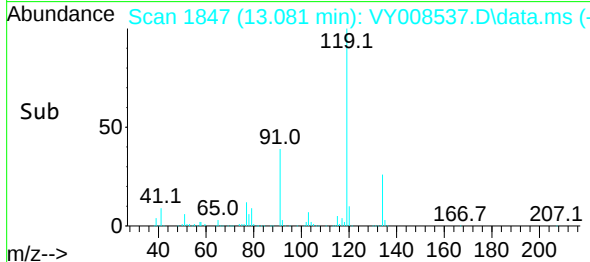
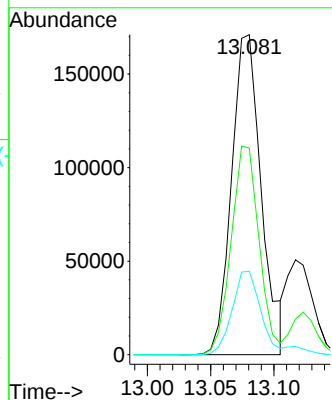
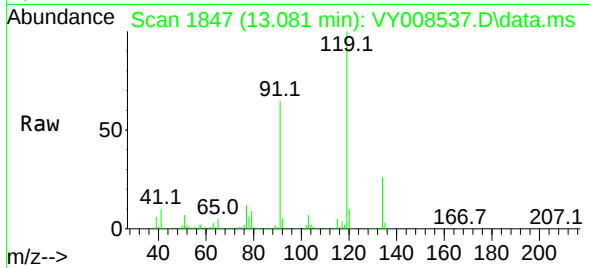




#83
 tert-Butylbenzene
 Concen: 56.672 ug/l
 RT: 13.081 min Scan# 1847
 Delta R.T. 0.006 min
 Lab File: VY008537.D
 Acq: 28 Apr 2022 10:33

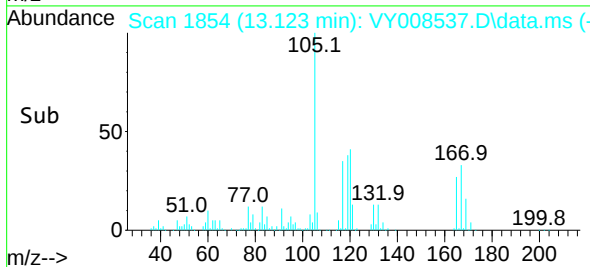
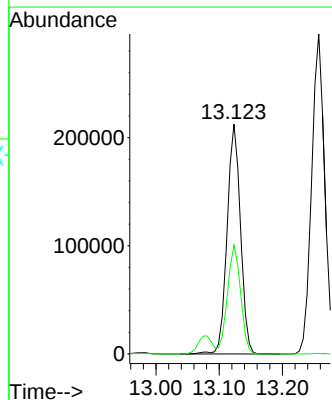
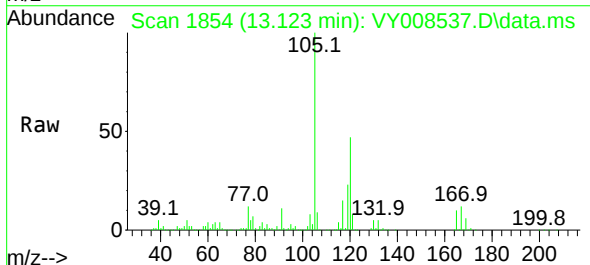
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

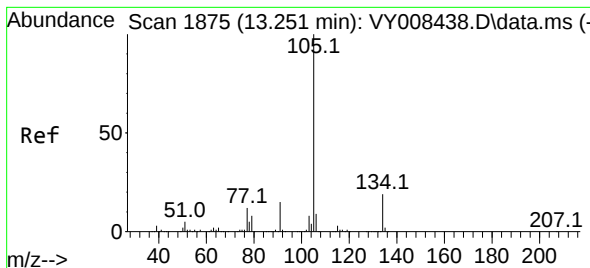
Tgt Ion:119 Resp: 279639
 Ion Ratio Lower Upper
 119 100
 91 61.5 34.8 104.4
 134 26.7 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 55.141 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: VY008537.D
 Acq: 28 Apr 2022 10:33

Tgt Ion:105 Resp: 310986
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.3 66.9





#85

sec-Butylbenzene

Concen: 56.200 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY008537.D

Acq: 28 Apr 2022 10:33

Instrument :

MSVOA_Y

ClientSampleId :

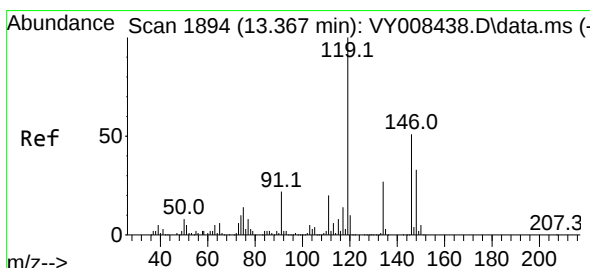
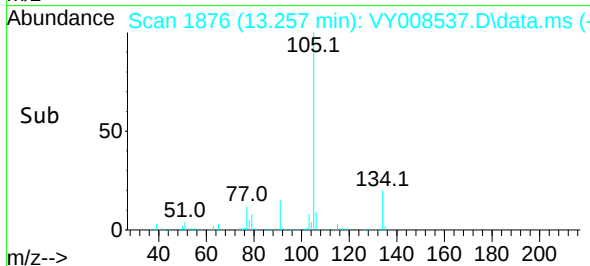
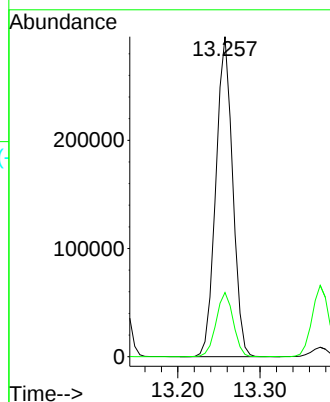
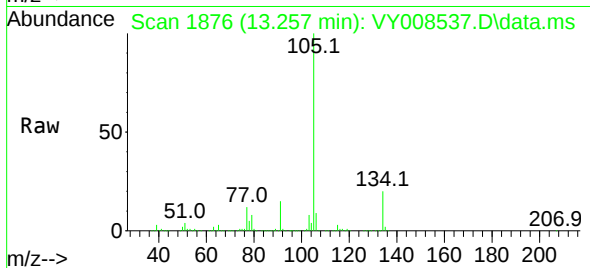
VSTDCCC050

Tgt Ion:105 Resp: 418503

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.4



#86

p-Isopropyltoluene

Concen: 56.494 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY008537.D

Acq: 28 Apr 2022 10:33

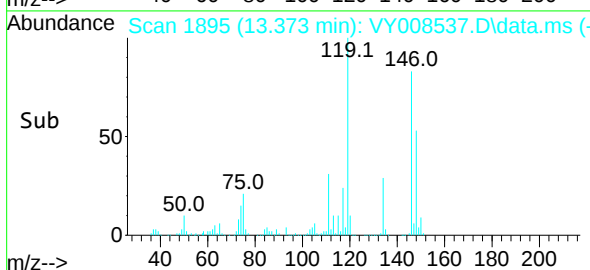
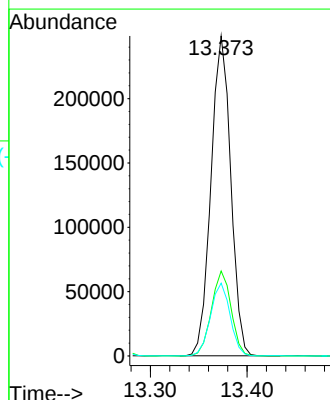
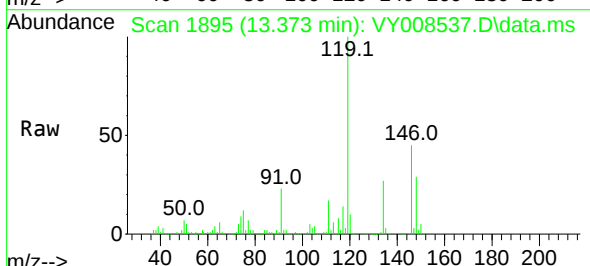
Tgt Ion:119 Resp: 352324

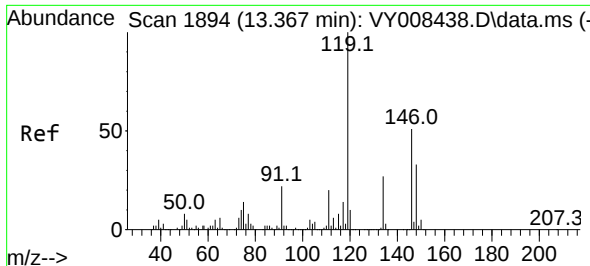
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.5

91 22.5 12.4 37.2

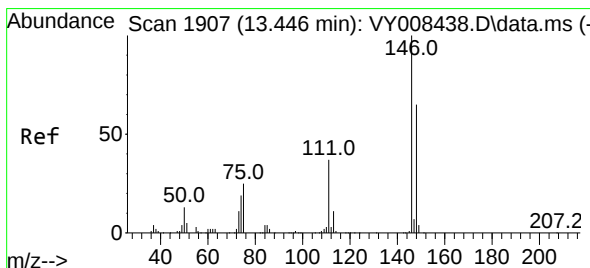
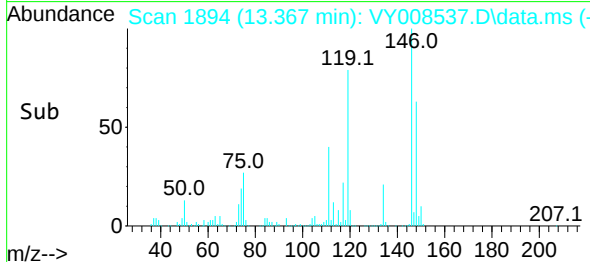
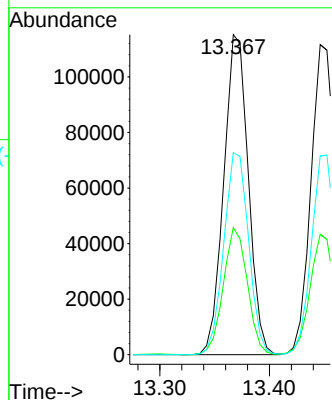
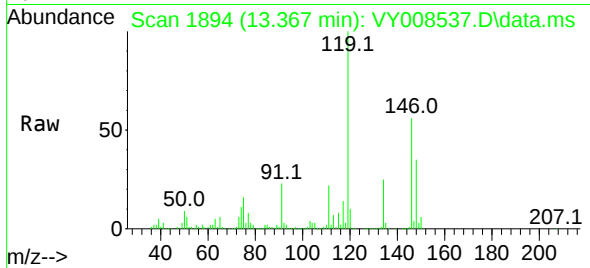




#87
 1,3-Dichlorobenzene
 Concen: 53.596 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY008537.D
 Acq: 28 Apr 2022 10:33

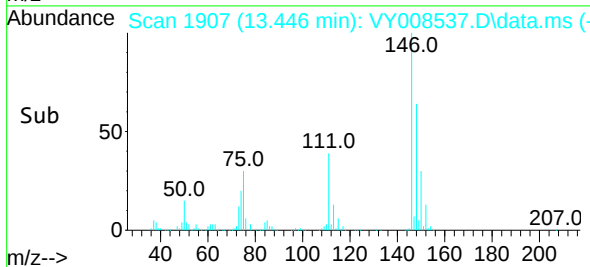
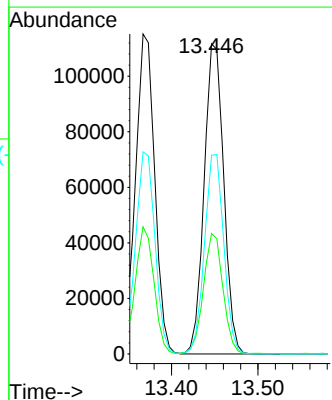
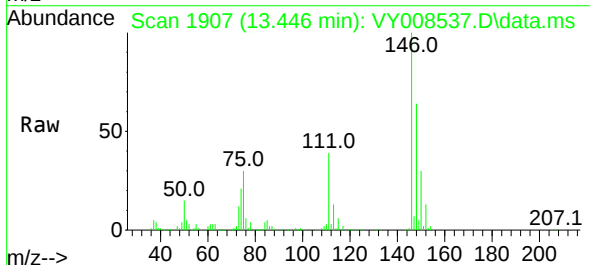
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

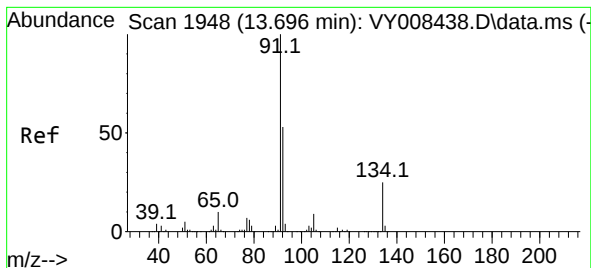
Tgt Ion:146 Resp: 179205
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.5 58.5
 148 63.9 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 53.032 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY008537.D
 Acq: 28 Apr 2022 10:33

Tgt Ion:146 Resp: 175652
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.3 57.8
 148 63.5 32.6 97.8





#89

n-Butylbenzene

Concen: 55.853 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY008537.D

Acq: 28 Apr 2022 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

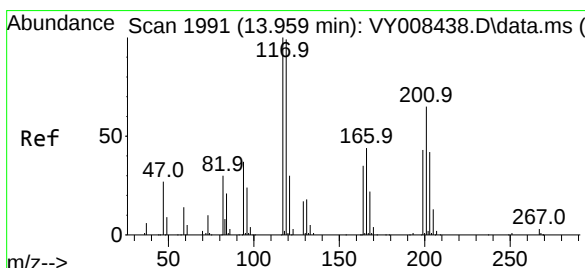
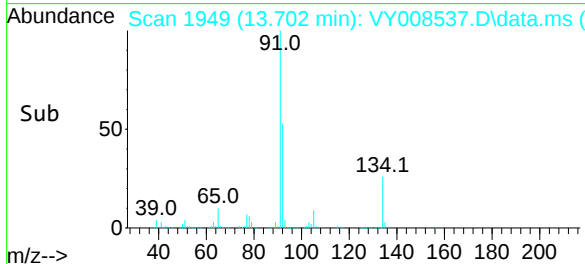
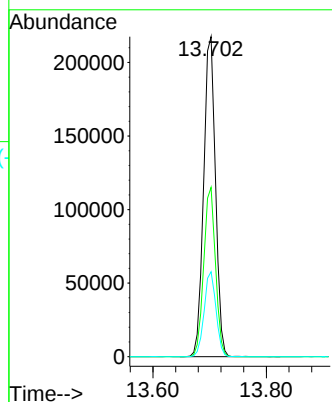
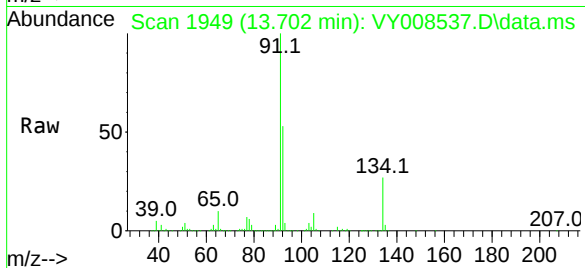
Tgt Ion: 91 Resp: 316147

Ion Ratio Lower Upper

91 100

92 52.6 26.3 78.9

134 26.7 13.0 38.9



#90

Hexachloroethane

Concen: 56.619 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY008537.D

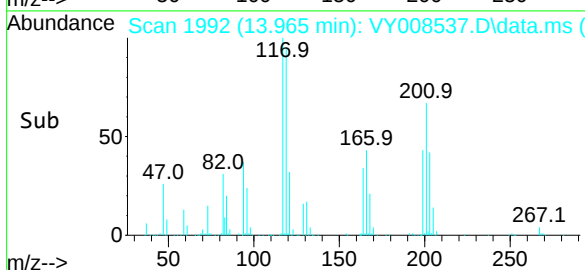
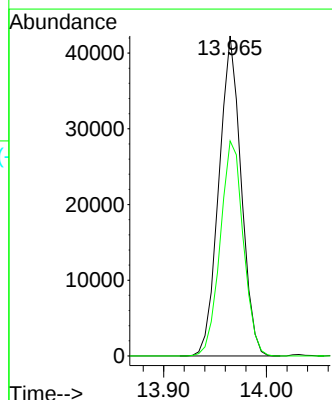
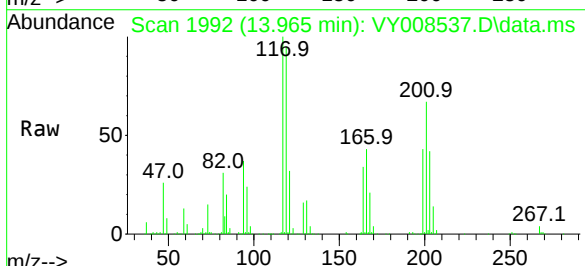
Acq: 28 Apr 2022 10:33

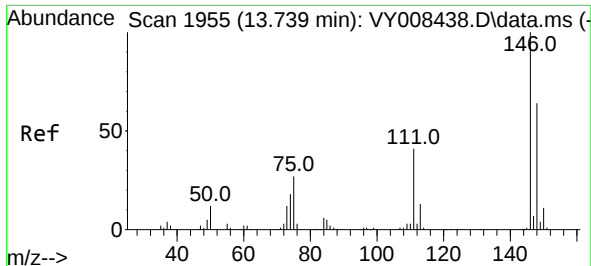
Tgt Ion: 117 Resp: 63482

Ion Ratio Lower Upper

117 100

201 69.7 43.0 128.8

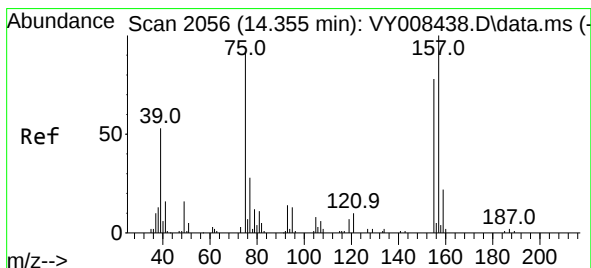
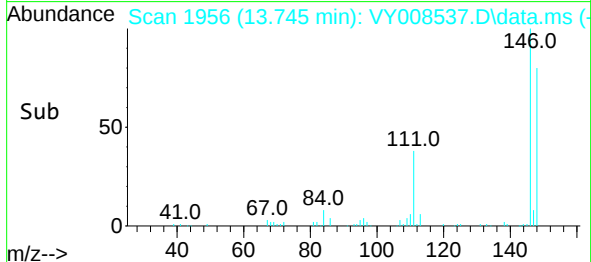
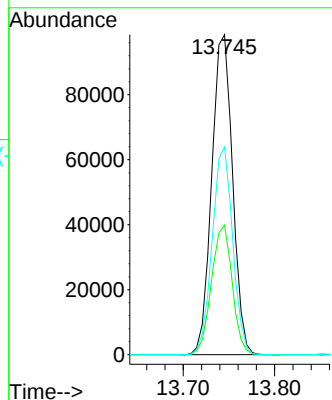
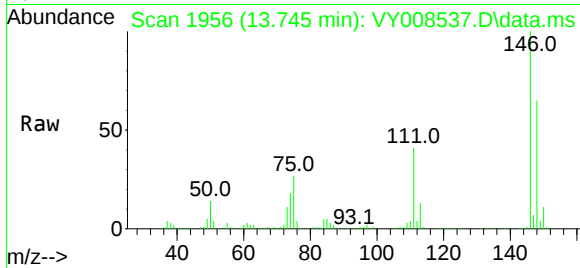




#91
1,2-Dichlorobenzene
Concen: 52.449 ug/l
RT: 13.745 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY008537.D
Acq: 28 Apr 2022 10:33

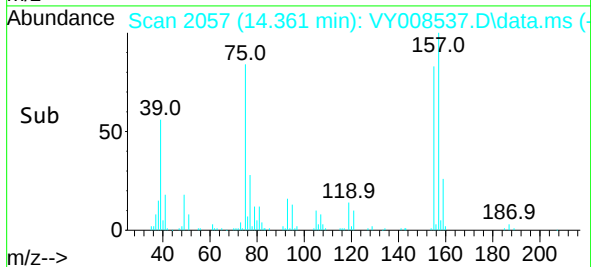
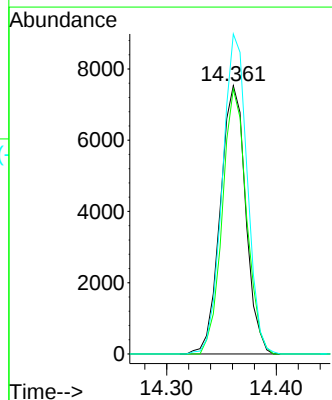
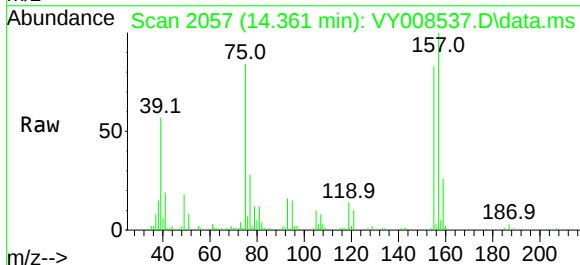
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

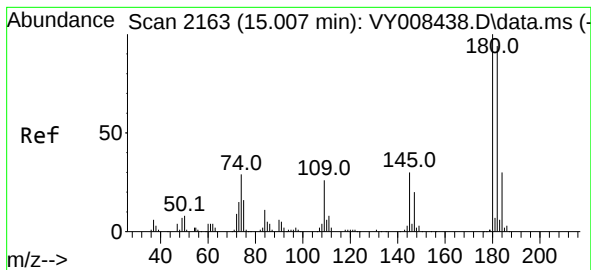
Tgt Ion:146 Resp: 155933
Ion Ratio Lower Upper
146 100
111 40.4 20.3 60.9
148 64.1 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.566 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY008537.D
Acq: 28 Apr 2022 10:33

Tgt Ion: 75 Resp: 12087
Ion Ratio Lower Upper
75 100
155 94.0 38.0 113.9
157 116.7 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 51.325 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY008537.D

Acq: 28 Apr 2022 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

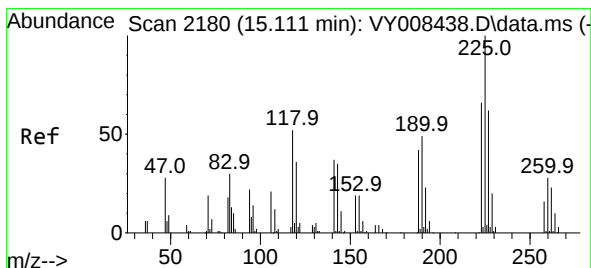
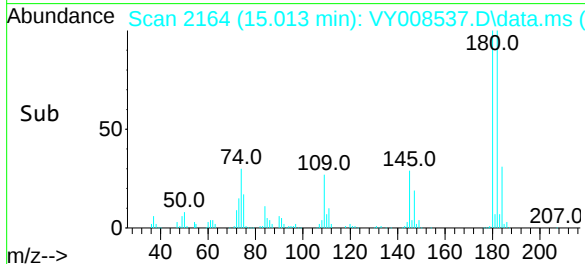
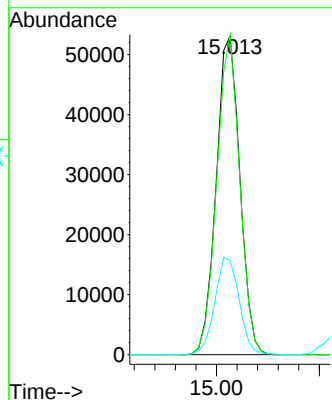
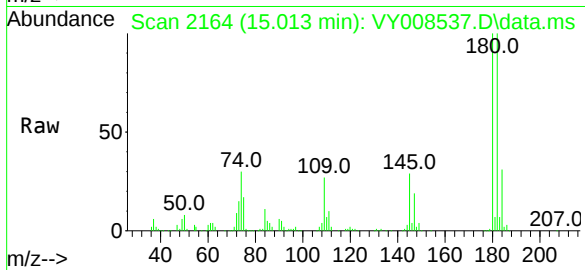
Tgt Ion:180 Resp: 84938

Ion Ratio Lower Upper

180 100

182 96.8 47.3 141.9

145 31.4 14.6 43.8



#94

Hexachlorobutadiene

Concen: 54.364 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY008537.D

Acq: 28 Apr 2022 10:33

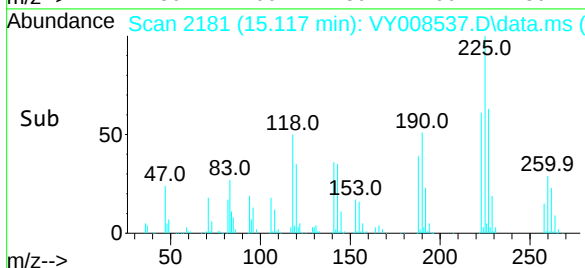
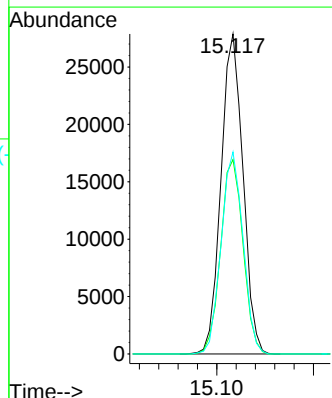
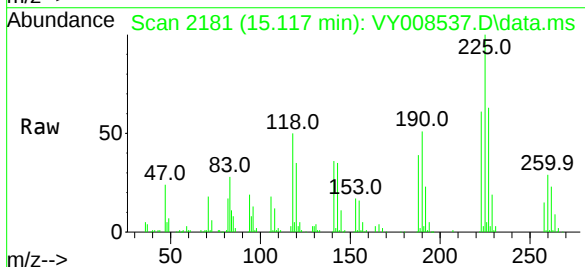
Tgt Ion:225 Resp: 43897

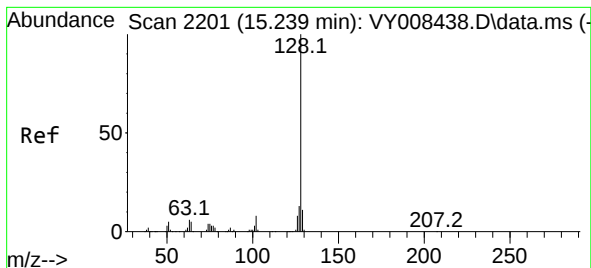
Ion Ratio Lower Upper

225 100

223 62.0 30.8 92.3

227 62.9 31.6 94.7





#95

Naphthalene

Concen: 51.532 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY008537.D

Acq: 28 Apr 2022 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

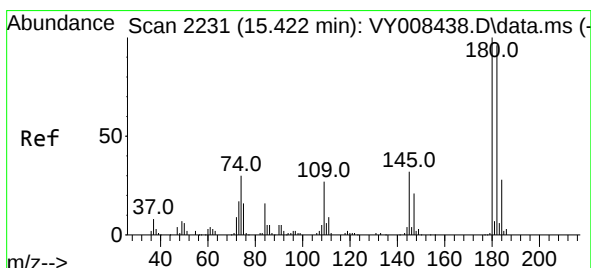
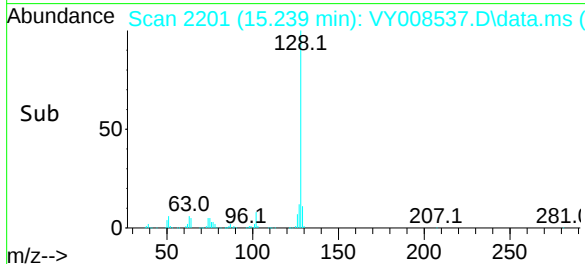
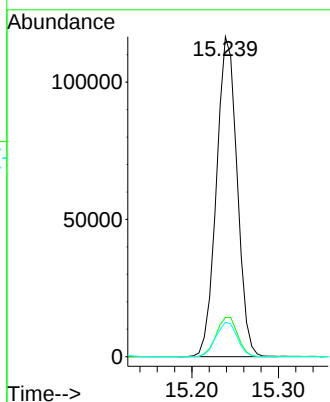
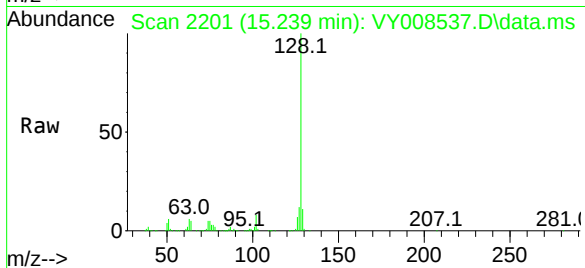
Tgt Ion:128 Resp: 193329

Ion Ratio Lower Upper

128 100

127 12.8 11.0 16.4

129 11.1 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 51.348 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY008537.D

Acq: 28 Apr 2022 10:33

Tgt Ion:180 Resp: 74378

Ion Ratio Lower Upper

180 100

182 95.1 47.3 141.9

145 32.4 15.3 45.9

