

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042922\
 Data File : VY008554.D
 Acq On : 29 Apr 2022 10:06
 Operator : KP/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050

Quant Time: Apr 29 15:32:55 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	97860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	166214	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	158490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	108948	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	56811	49.339	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.680%
35) Dibromofluoromethane	7.716	113	54359	50.674	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.340%
50) Toluene-d8	10.179	98	198983	46.696	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.400%
62) 4-Bromofluorobenzene	12.483	95	71238	49.318	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.640%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	42165	47.447	ug/l	100
3) Chloromethane	2.119	50	72043	51.519	ug/l	96
4) Vinyl Chloride	2.253	62	99907	54.984	ug/l	100
5) Bromomethane	2.650	94	85209	50.434	ug/l	96
6) Chloroethane	2.796	64	66054	54.643	ug/l	99
7) Trichlorofluoromethane	3.131	101	96206	51.111	ug/l	94
8) Diethyl Ether	3.534	74	32523	50.202	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.905	101	56766	50.661	ug/l	95
10) Methyl Iodide	4.094	142	70289	47.692	ug/l	91
11) Tert butyl alcohol	4.960	59	29962	257.687	ug/l	96
12) 1,1-Dichloroethene	3.875	96	52922	50.028	ug/l	84
13) Acrolein	3.729	56	27312	222.790	ug/l	97
14) Allyl chloride	4.478	41	73547	53.265	ug/l #	88
15) Acrylonitrile	5.161	53	81988	247.517	ug/l	99
16) Acetone	3.948	43	69360	258.619	ug/l	93
17) Carbon Disulfide	4.198	76	155235	48.538	ug/l	99
18) Methyl Acetate	4.478	43	35840	47.651	ug/l #	83
19) Methyl tert-butyl Ether	5.222	73	173366	51.794	ug/l	92
20) Methylene Chloride	4.722	84	63478	44.878	ug/l #	80
21) trans-1,2-Dichloroethene	5.222	96	65356	50.647	ug/l #	82
22) Diisopropyl ether	6.118	45	174316	52.278	ug/l #	94
23) Vinyl Acetate	6.057	43	609563	266.644	ug/l #	88
24) 1,1-Dichloroethane	6.015	63	109189	52.607	ug/l	98
25) 2-Butanone	6.984	43	107046	257.995	ug/l #	81
26) 2,2-Dichloropropane	6.984	77	103466	53.823	ug/l	93
27) cis-1,2-Dichloroethene	6.984	96	77287	52.361	ug/l	83
28) Bromochloromethane	7.338	49	42340	50.571	ug/l #	71
29) Tetrahydrofuran	7.344	42	67305	251.853	ug/l #	74
30) Chloroform	7.508	83	121410	53.244	ug/l	99
31) Cyclohexane	7.783	56	93545	49.418	ug/l	87
32) 1,1,1-Trichloroethane	7.704	97	107682	53.931	ug/l	96
36) 1,1-Dichloropropene	7.917	75	89123	52.230	ug/l	96
37) Ethyl Acetate	7.076	43	48316	51.200	ug/l #	94
38) Carbon Tetrachloride	7.899	117	96310	54.324	ug/l	97
39) Methylcyclohexane	9.185	83	117165	53.627	ug/l #	85
40) Benzene	8.161	78	266222	53.478	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	64446	140.825	ug/l #	1
42) 1,2-Dichloroethane	8.240	62	80012	53.385	ug/l	91
43) Isopropyl Acetate	8.270	43	92471	53.280	ug/l #	87
44) Trichloroethene	8.941	130	73959	53.926	ug/l	99
45) 1,2-Dichloropropane	9.215	63	64659	54.088	ug/l	94
46) Dibromomethane	9.307	93	44733	53.411	ug/l	93
47) Bromodichloromethane	9.496	83	98286	55.282	ug/l	99
48) Methyl methacrylate	9.295	41	40086	54.321	ug/l #	77
49) 1,4-Dioxane	9.295	88	11053	1046.568	ug/l #	79
51) 4-Methyl-2-Pentanone	10.069	43	244380	267.668	ug/l #	85
52) Toluene	10.246	92	178649	54.265	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	106468	55.841	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	114324	54.109	ug/l #	85
55) 1,1,2-Trichloroethane	10.648	97	60536	52.957	ug/l	96
56) Ethyl methacrylate	10.508	69	80313	54.414	ug/l #	79
57) 1,3-Dichloropropane	10.788	76	101061	54.159	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	200584	247.969	ug/l	91
59) 2-Hexanone	10.831	43	174536	277.799	ug/l	83
60) Dibromochloromethane	10.983	129	73913	56.279	ug/l	99
61) 1,2-Dibromoethane	11.087	107	61060	54.007	ug/l	100
64) Tetrachloroethene	10.721	164	62278	52.988	ug/l	95
65) Chlorobenzene	11.520	112	195112	54.445	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	74994	56.682	ug/l	97
67) Ethyl Benzene	11.593	91	341886	54.970	ug/l	98
68) m/p-Xylenes	11.703	106	278982	111.985	ug/l	91
69) o-Xylene	12.032	106	133068	55.482	ug/l	91
70) Styrene	12.044	104	229129	56.690	ug/l	94
71) Bromoform	12.209	173	46332	55.878	ug/l #	99
73) Isopropylbenzene	12.331	105	346493	41.946	ug/l	100
74) N-amyl acetate	12.148	43	87024	42.637	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.587	83	74962	40.616	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	93948	66.631	ug/l #	100
77) Bromobenzene	12.611	156	80645	40.031	ug/l	95
78) n-propylbenzene	12.678	91	442953	44.706	ug/l	97
79) 2-Chlorotoluene	12.757	91	275050	49.323	ug/l	91
80) 1,3,5-Trimethylbenzene	12.812	105	356461	51.989	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.380	75	26103	42.949	ug/l #	82
82) 4-Chlorotoluene	12.855	91	283923	49.132	ug/l	91
83) tert-Butylbenzene	13.075	119	336257	56.494	ug/l	90
84) 1,2,4-Trimethylbenzene	13.123	105	358793	52.740	ug/l	96
85) sec-Butylbenzene	13.257	105	466013	51.879	ug/l	96
86) p-Isopropyltoluene	13.373	119	402491	53.503	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	218390	54.147	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	215631	53.971	ug/l	98
89) n-Butylbenzene	13.702	91	351568	51.490	ug/l	97
90) Hexachloroethane	13.965	117	76686	56.700	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	197143	54.972	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	11032	39.774	ug/l	77
93) 1,2,4-Trichlorobenzene	15.013	180	82309	41.232	ug/l	99
94) Hexachlorobutadiene	15.117	225	41624	42.735	ug/l	98
95) Naphthalene	15.239	128	178276	39.394	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	70206	40.181	ug/l	99

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QLast Update : Thu Apr 21 14:28:40 2022
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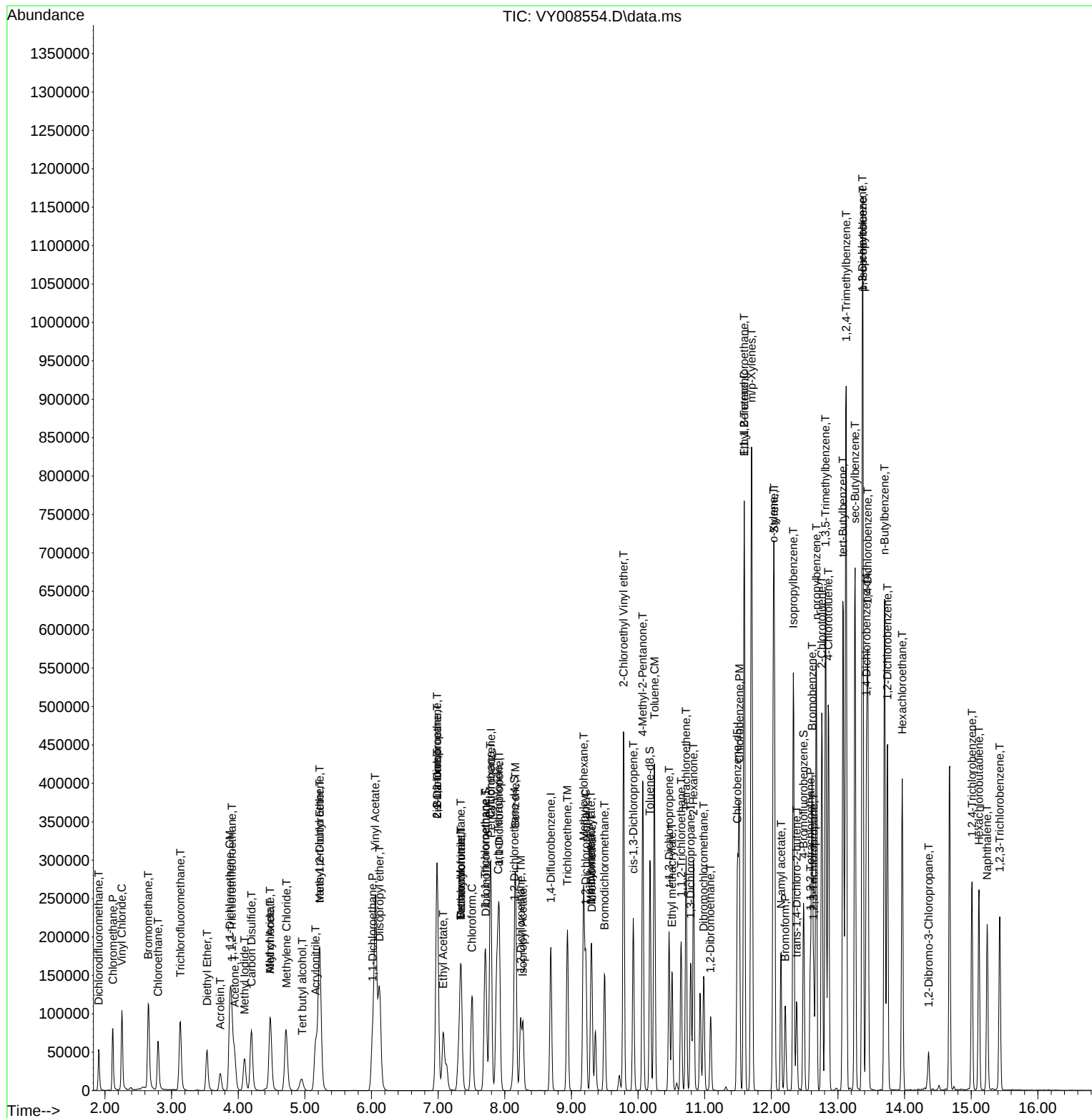
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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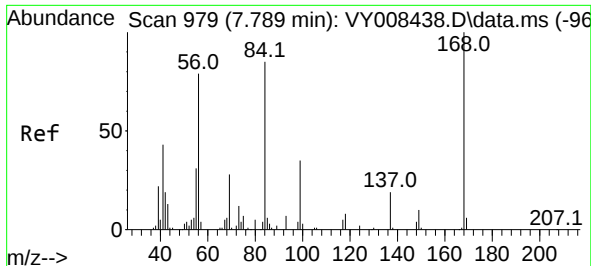
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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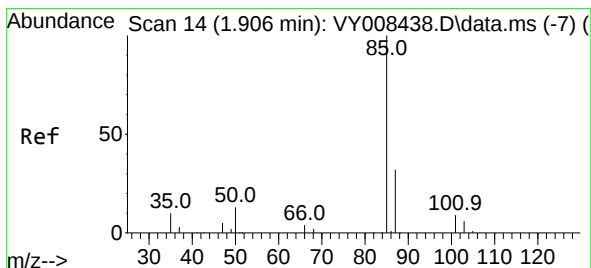
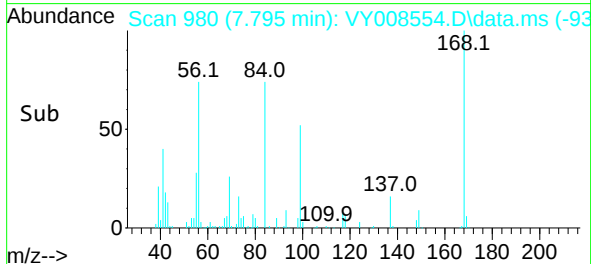
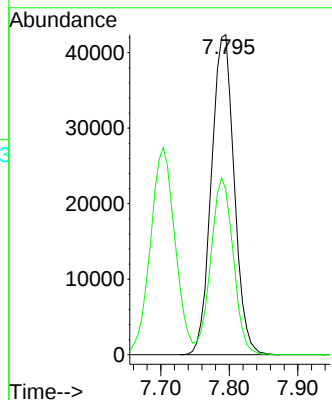
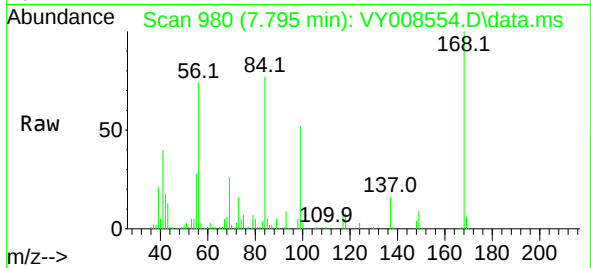




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008554.D
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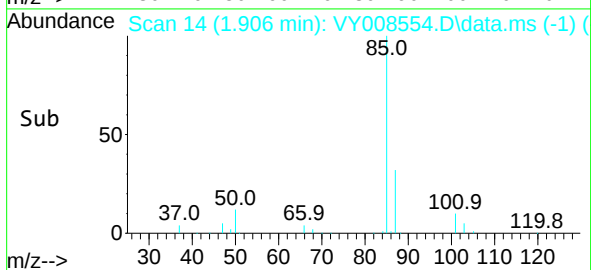
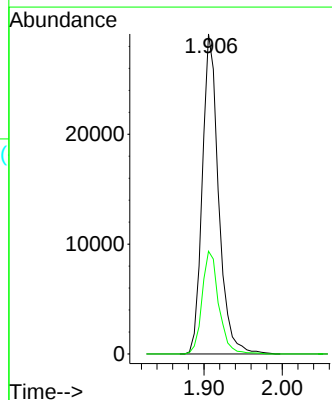
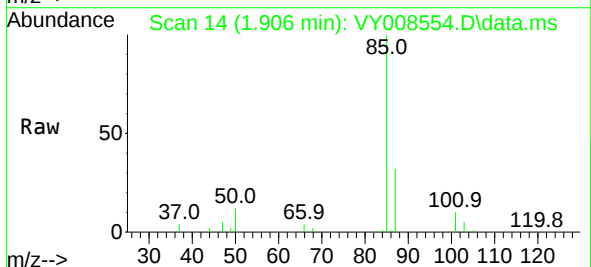
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

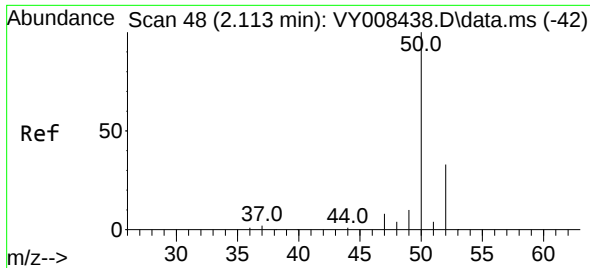
Tgt Ion:168 Resp: 97860
Ion Ratio Lower Upper
168 100
99 51.5 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 47.447 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY008554.D
Acq: 29 Apr 2022 10:06

Tgt Ion: 85 Resp: 42165
Ion Ratio Lower Upper
85 100
87 32.1 16.1 48.2

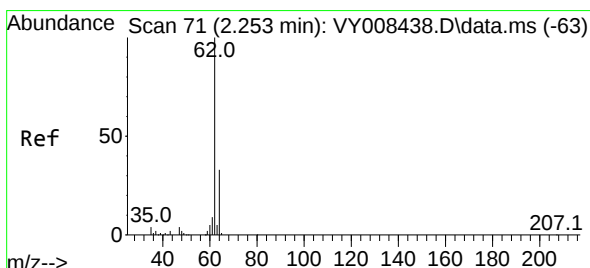
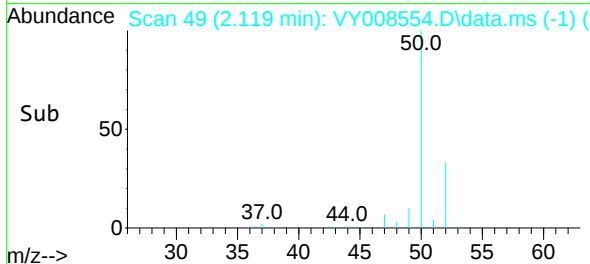
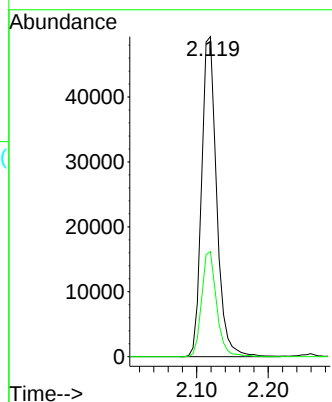
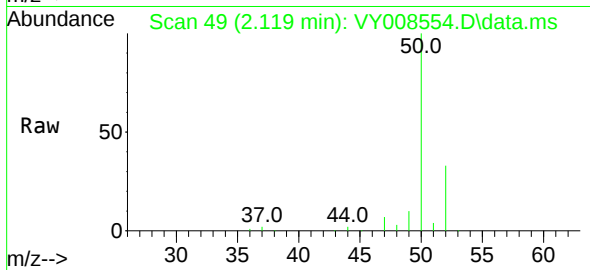




#3
Chloromethane
Concen: 51.519 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY008554.D
Acq: 29 Apr 2022 10:06

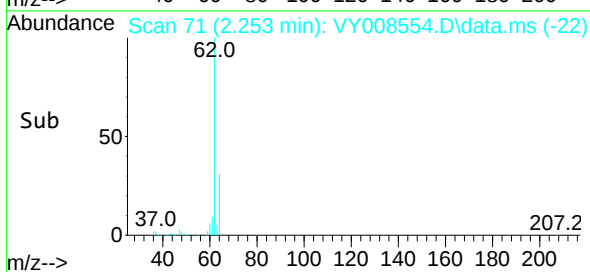
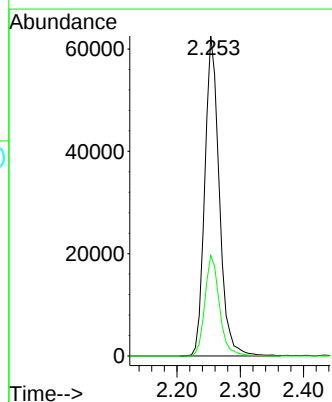
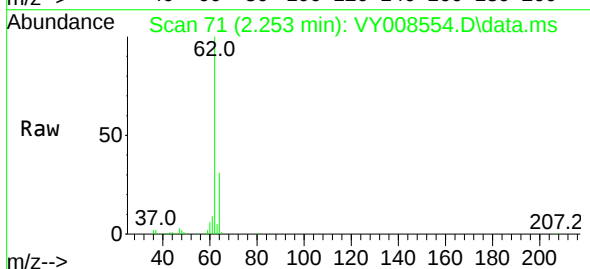
Instrument :
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ClientSampleId :
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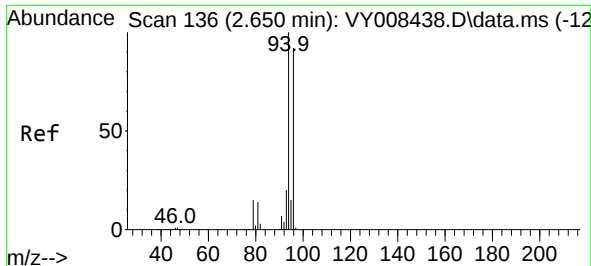
Tgt Ion: 50 Resp: 72043
Ion Ratio Lower Upper
50 100
52 32.8 24.6 37.0



#4
Vinyl Chloride
Concen: 54.984 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY008554.D
Acq: 29 Apr 2022 10:06

Tgt Ion: 62 Resp: 99907
Ion Ratio Lower Upper
62 100
64 31.4 25.0 37.6

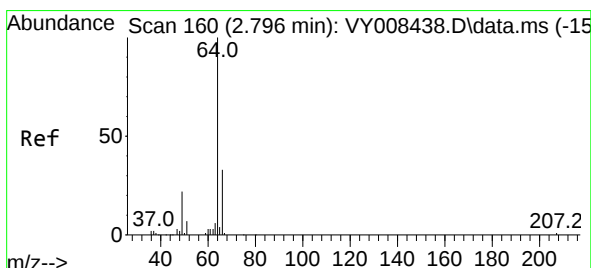
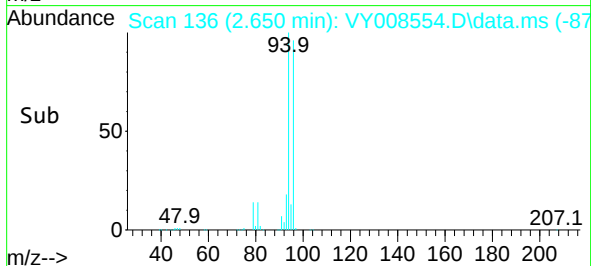
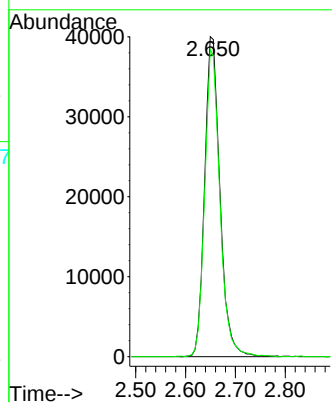
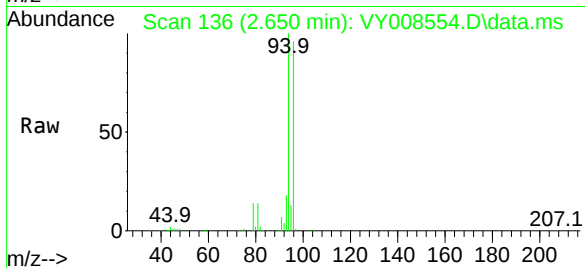




#5
Bromomethane
Concen: 50.434 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008554.D
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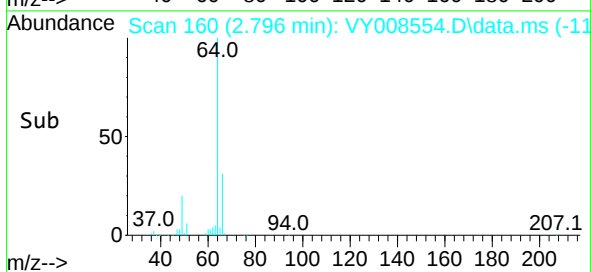
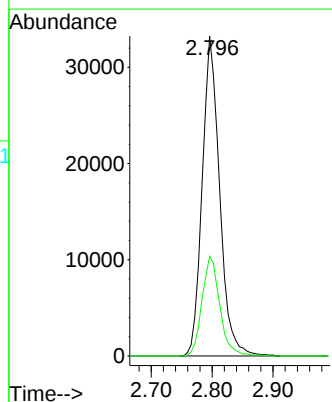
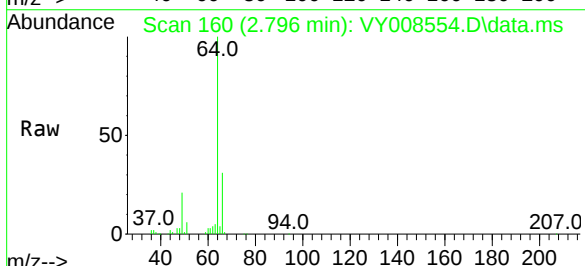
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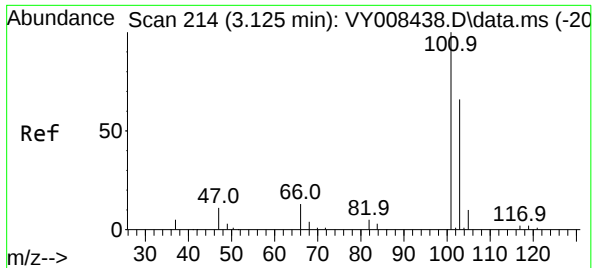
Tgt Ion: 94 Resp: 85209
Ion Ratio Lower Upper
94 100
96 96.0 73.5 110.3



#6
Chloroethane
Concen: 54.643 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY008554.D
Acq: 29 Apr 2022 10:06

Tgt Ion: 64 Resp: 66054
Ion Ratio Lower Upper
64 100
66 31.2 25.4 38.0

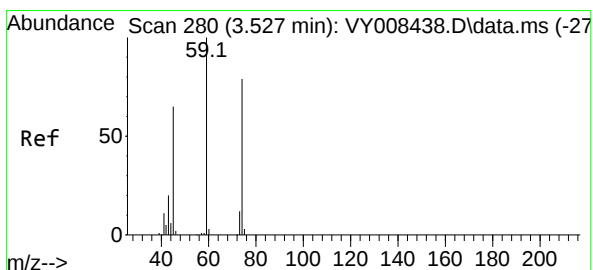
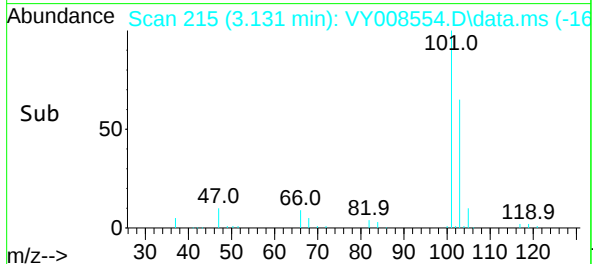
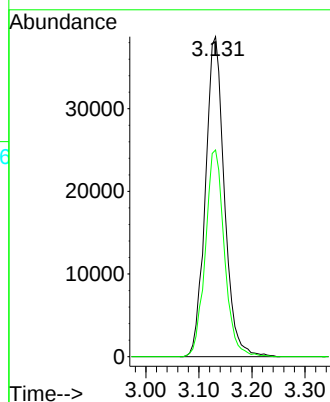
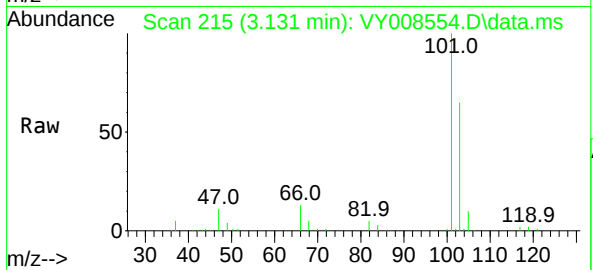




#7
 Trichlorofluoromethane
 Concen: 51.111 ug/l
 RT: 3.131 min Scan# 214
 Delta R.T. 0.006 min
 Lab File: VY008554.D
 Acq: 29 Apr 2022 10:06

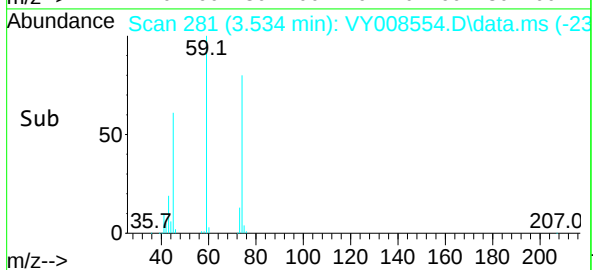
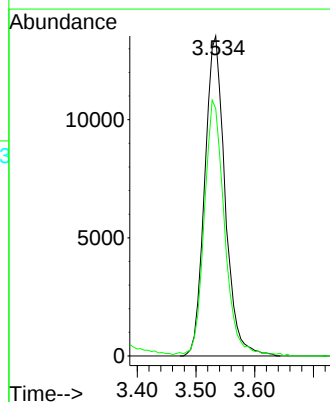
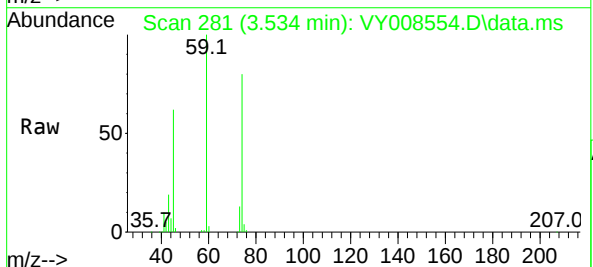
Instrument :
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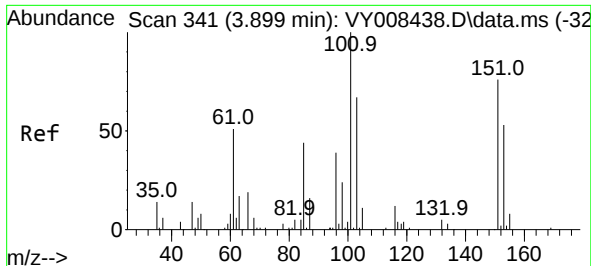
Tgt Ion:101 Resp: 96206
 Ion Ratio Lower Upper
 101 100
 103 64.6 48.0 72.0



#8
 Diethyl Ether
 Concen: 50.202 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.007 min
 Lab File: VY008554.D
 Acq: 29 Apr 2022 10:06

Tgt Ion: 74 Resp: 32523
 Ion Ratio Lower Upper
 74 100
 45 80.3 55.1 165.5

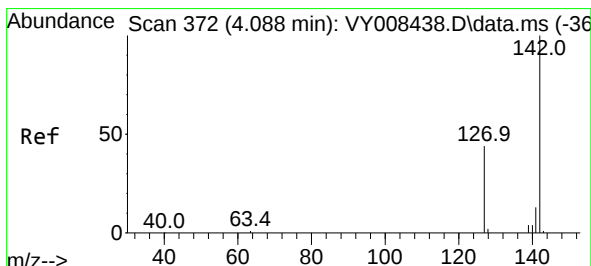
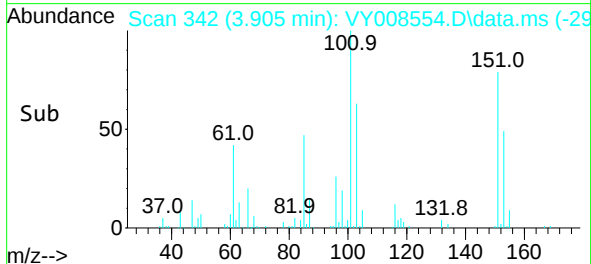
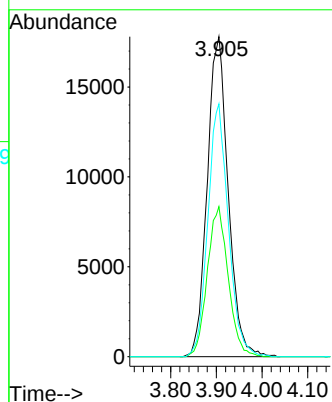
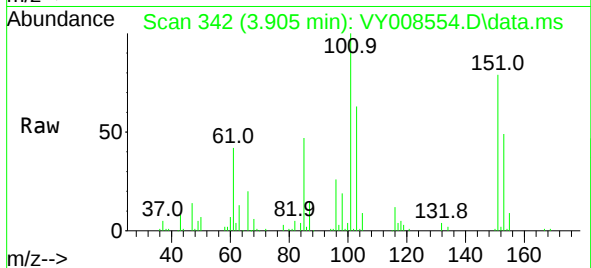




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.661 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY008554.D
Acq: 29 Apr 2022 10:06

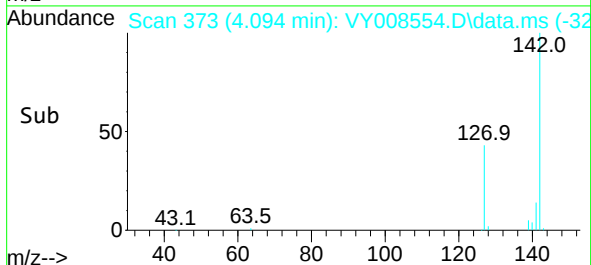
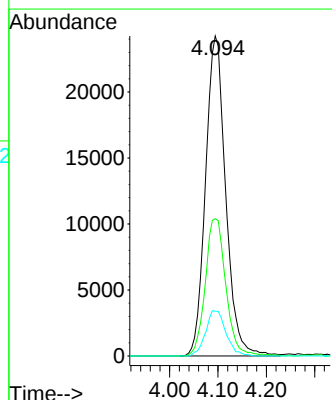
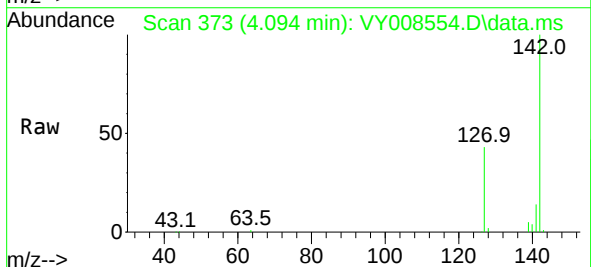
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

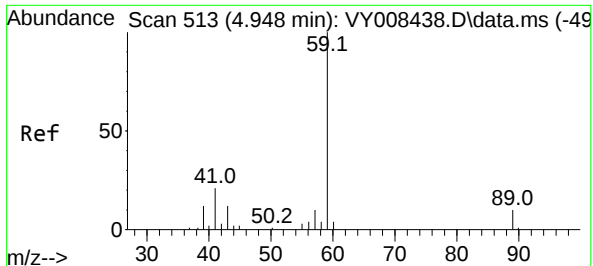
Tgt Ion:101 Resp: 56766
Ion Ratio Lower Upper
101 100
85 46.6 40.6 60.8
151 77.4 64.9 97.3



#10
Methyl Iodide
Concen: 47.692 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY008554.D
Acq: 29 Apr 2022 10:06

Tgt Ion:142 Resp: 70289
Ion Ratio Lower Upper
142 100
127 43.7 41.5 62.3
141 14.3 11.9 17.9





#11

Tert butyl alcohol

Concen: 257.687 ug/l

RT: 4.960 min Scan# 513

Delta R.T. 0.012 min

Lab File: VY008554.D

Acq: 29 Apr 2022 10:06

Instrument :

MSVOA_Y

ClientSampleId :

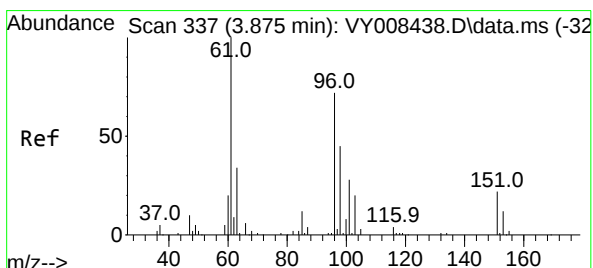
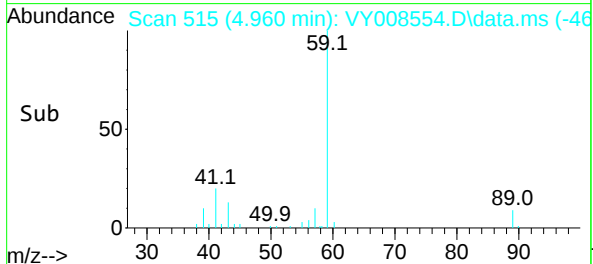
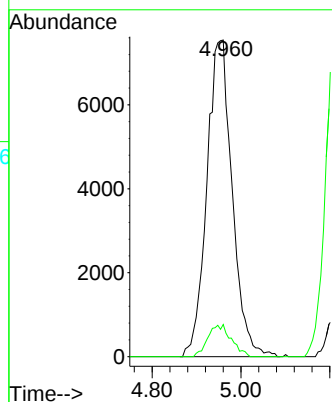
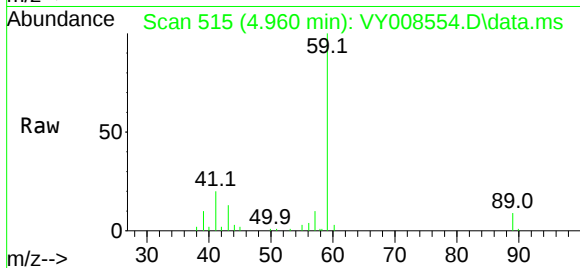
VSTDCCC050

Tgt Ion: 59 Resp: 29962

Ion Ratio Lower Upper

59 100

57 9.3 6.4 9.6



#12

1,1-Dichloroethene

Concen: 50.028 ug/l

RT: 3.875 min Scan# 337

Delta R.T. -0.000 min

Lab File: VY008554.D

Acq: 29 Apr 2022 10:06

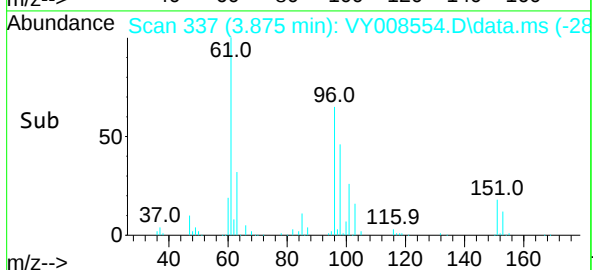
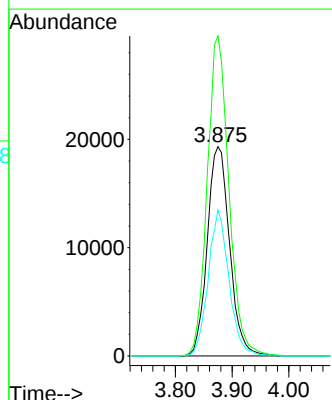
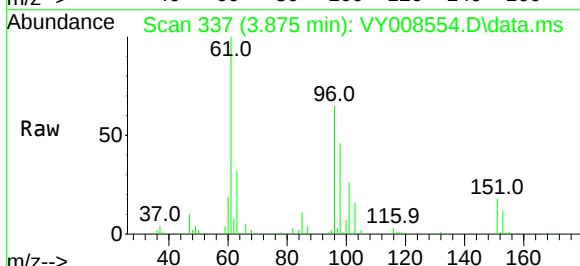
Tgt Ion: 96 Resp: 52922

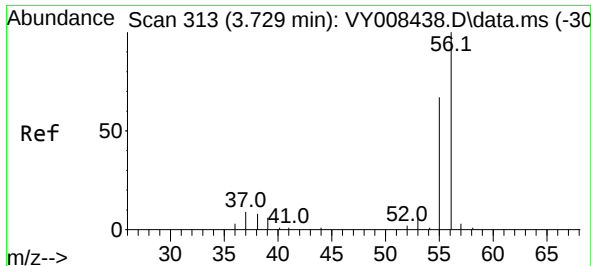
Ion Ratio Lower Upper

96 100

61 153.0 145.8 218.6

98 69.8 52.5 78.7





#13

Acrolein

Concen: 222.790 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY008554.D

Acq: 29 Apr 2022 10:06

Instrument :

MSVOA_Y

ClientSampleId :

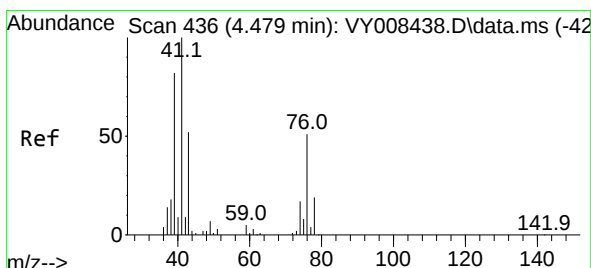
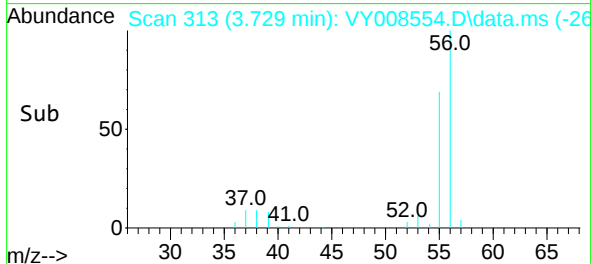
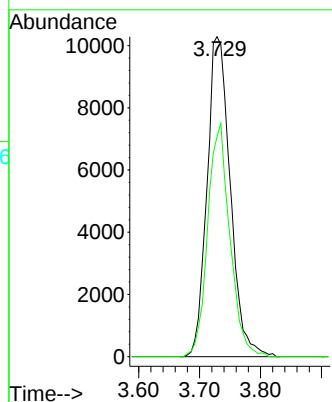
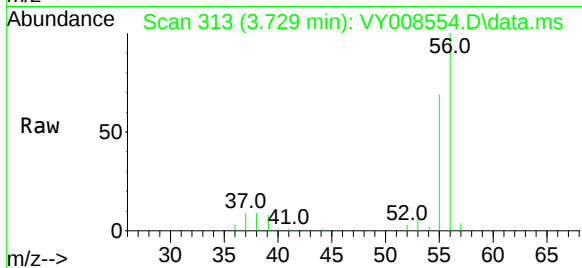
VSTDCCC050

Tgt Ion: 56 Resp: 27312

Ion Ratio Lower Upper

56 100

55 69.3 57.6 86.4



#14

Allyl chloride

Concen: 53.265 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.001 min

Lab File: VY008554.D

Acq: 29 Apr 2022 10:06

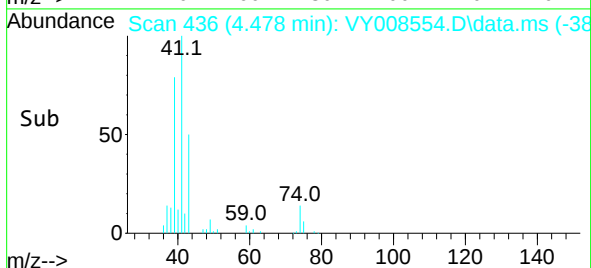
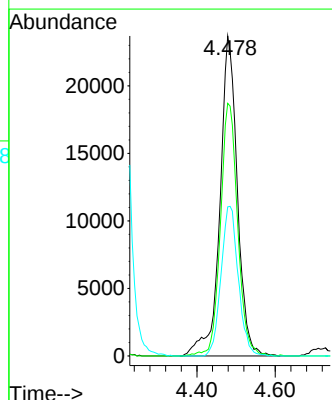
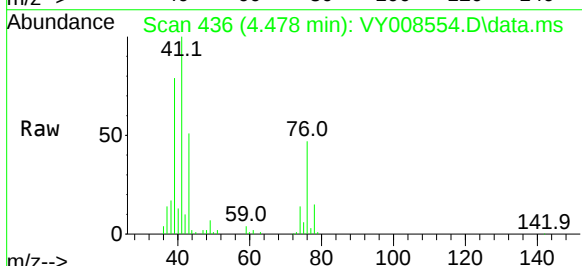
Tgt Ion: 41 Resp: 73547

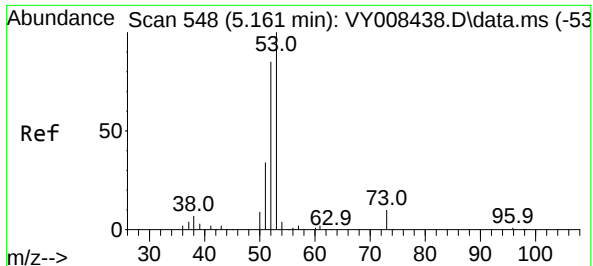
Ion Ratio Lower Upper

41 100

39 77.9 58.8 88.2

76 46.2 25.1 37.7#

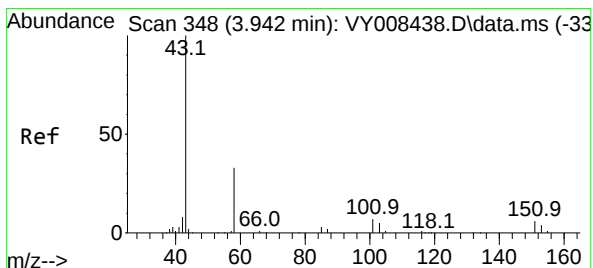
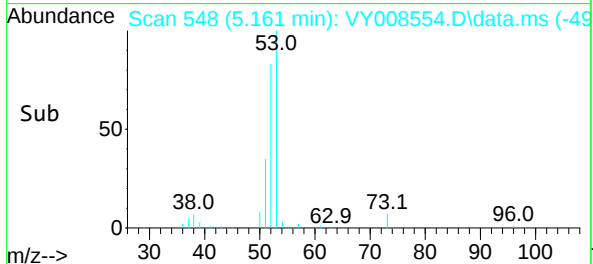
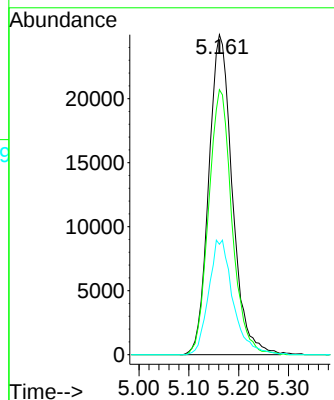
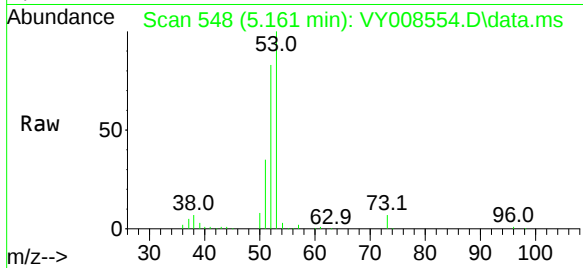




#15
Acrylonitrile
Concen: 247.517 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY008554.D
Acq: 29 Apr 2022 10:06

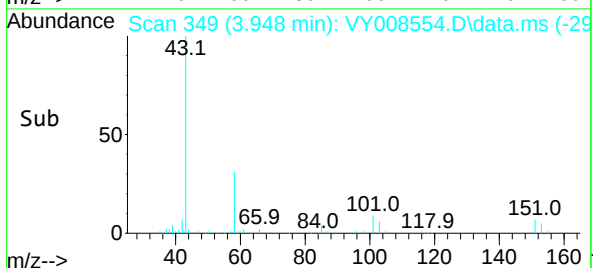
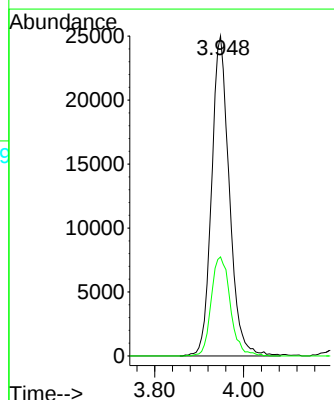
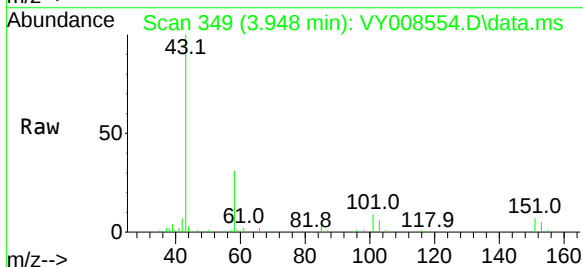
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

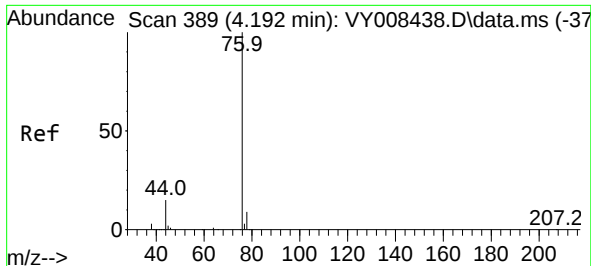
Tgt Ion:	53	Resp:	81988
Ion	Ratio	Lower	Upper
53	100		
52	82.3	67.0	100.4
51	37.3	29.8	44.6



#16
Acetone
Concen: 258.619 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008554.D
Acq: 29 Apr 2022 10:06

Tgt Ion:	43	Resp:	69360
Ion	Ratio	Lower	Upper
43	100		
58	31.0	22.0	33.0

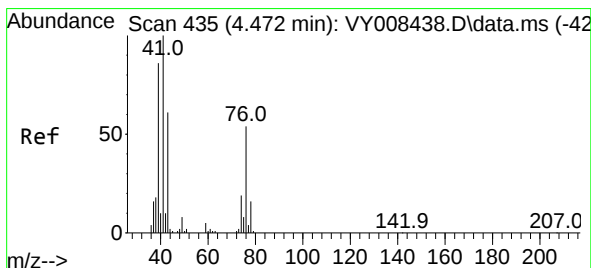
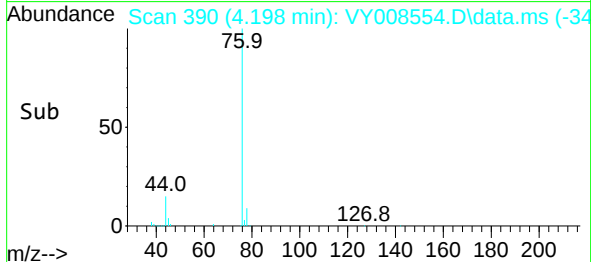
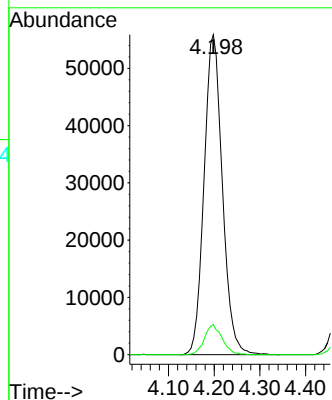
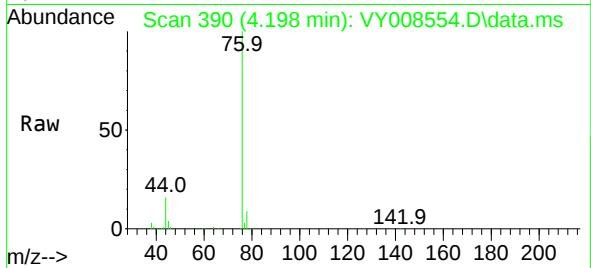




#17
Carbon Disulfide
Concen: 48.538 ug/l
RT: 4.198 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY008554.D
Acq: 29 Apr 2022 10:06

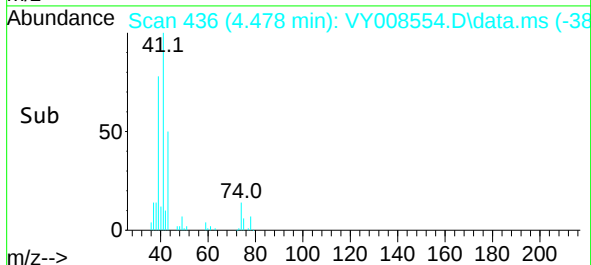
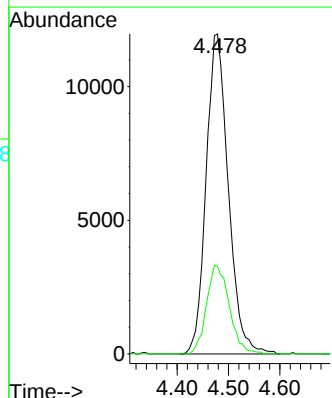
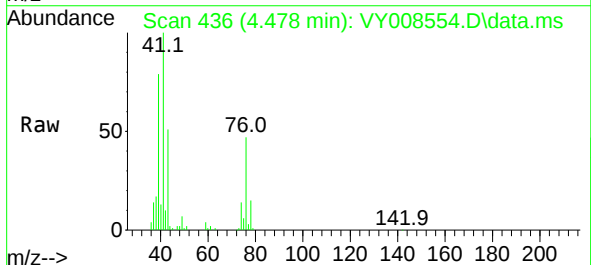
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

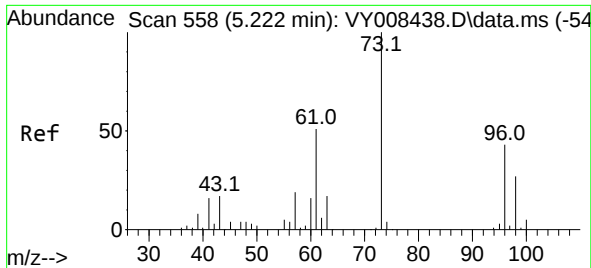
Tgt Ion: 76 Resp: 155235
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 47.651 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY008554.D
Acq: 29 Apr 2022 10:06

Tgt Ion: 43 Resp: 35840
Ion Ratio Lower Upper
43 100
74 28.4 16.6 24.8#

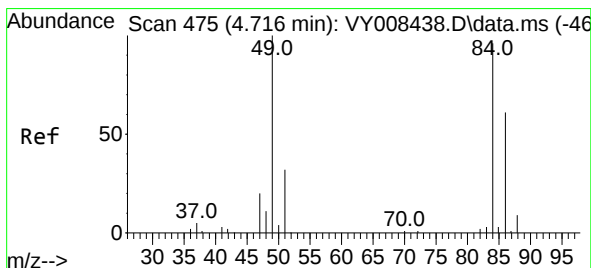
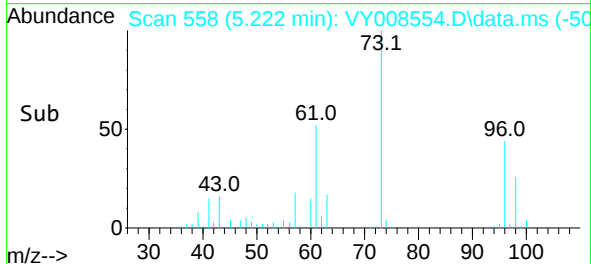
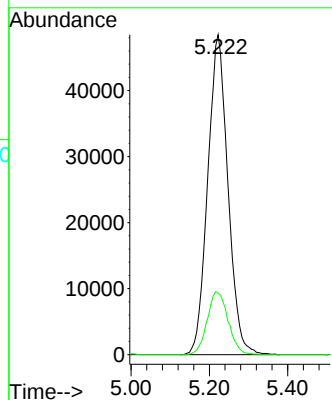
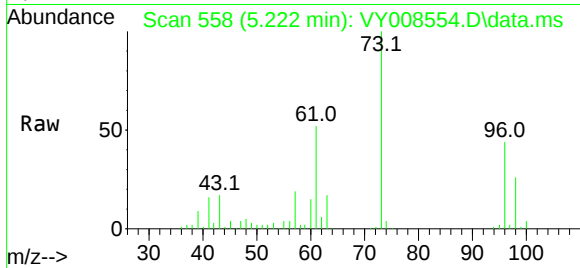




#19
Methyl tert-butyl Ether
Concen: 51.794 ug/l
RT: 5.222 min Scan# 519
Delta R.T. 0.000 min
Lab File: VY008554.D
Acq: 29 Apr 2022 10:06

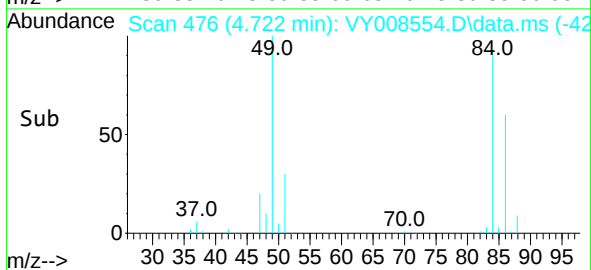
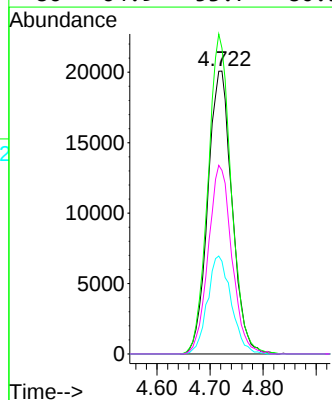
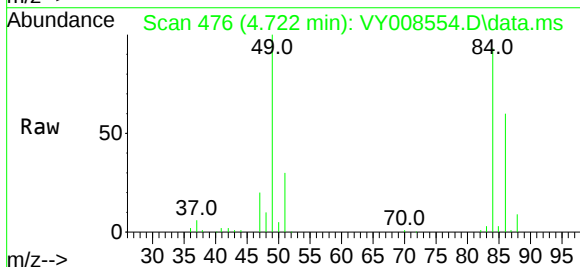
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

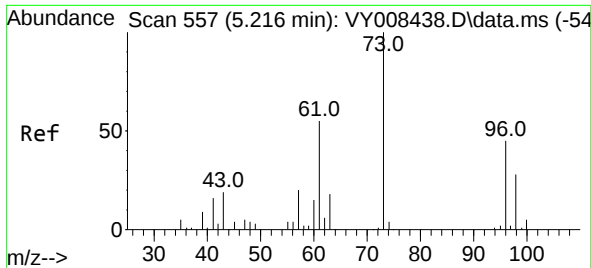
Tgt Ion: 73 Resp: 173366
Ion Ratio Lower Upper
73 100
57 19.2 18.6 27.8



#20
Methylene Chloride
Concen: 44.878 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY008554.D
Acq: 29 Apr 2022 10:06

Tgt Ion: 84 Resp: 63478
Ion Ratio Lower Upper
84 100
49 108.1 114.4 171.6#
51 32.7 35.3 52.9#
86 64.9 53.7 80.5

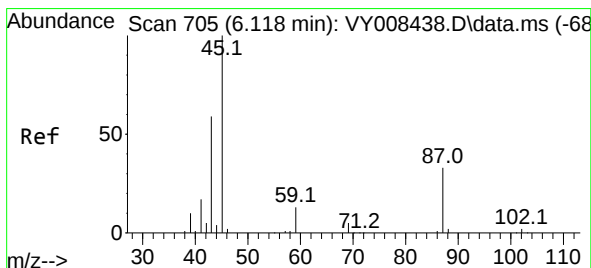
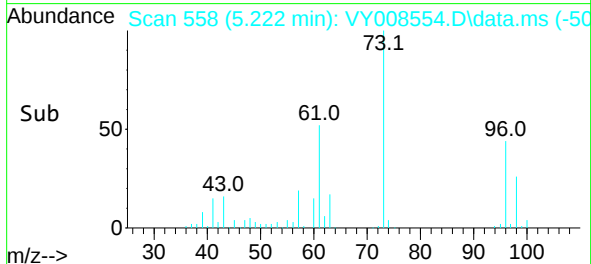
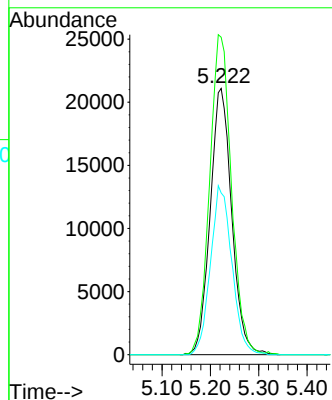
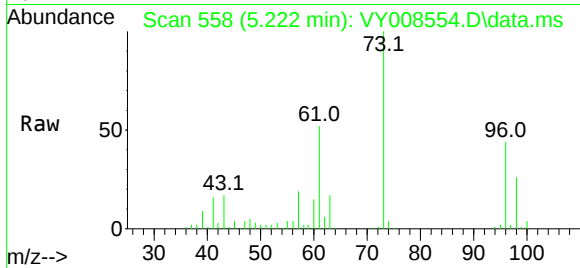




#21
trans-1,2-Dichloroethene
Concen: 50.647 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY008554.D
Acq: 29 Apr 2022 10:06

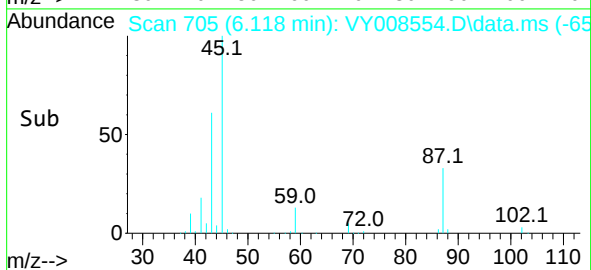
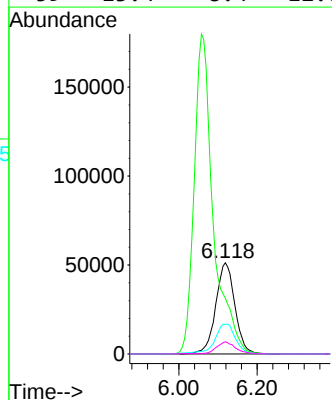
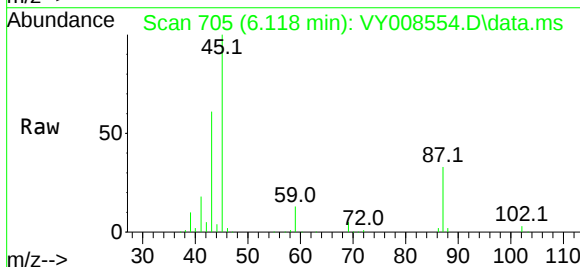
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

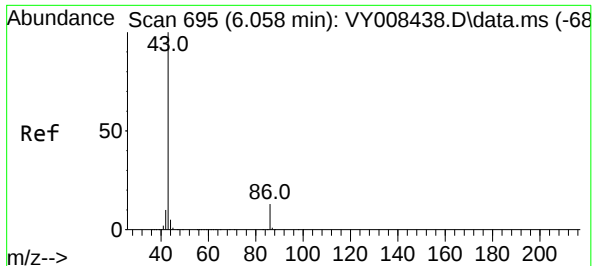
Tgt Ion: 96 Resp: 65356
Ion Ratio Lower Upper
96 100
61 119.2 120.5 180.7#
98 60.7 49.8 74.8



#22
Diisopropyl ether
Concen: 52.278 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY008554.D
Acq: 29 Apr 2022 10:06

Tgt Ion: 45 Resp: 174316
Ion Ratio Lower Upper
45 100
43 61.0 49.3 73.9
87 32.6 19.2 28.8#
59 13.4 8.4 12.6#

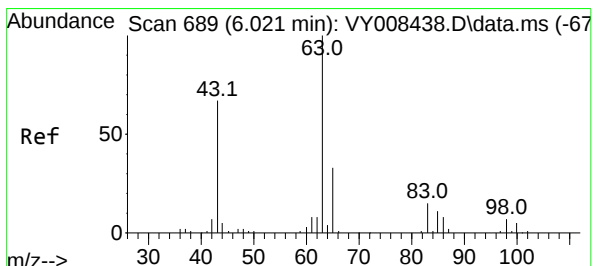
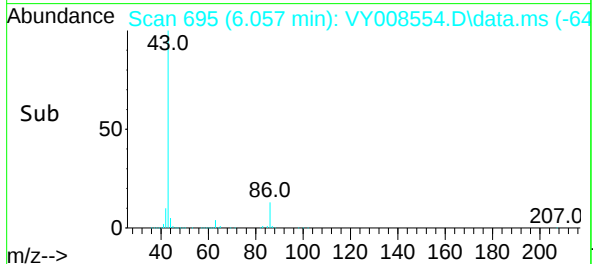
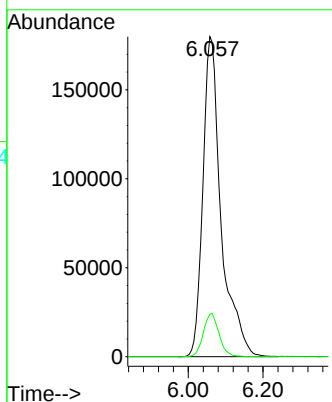
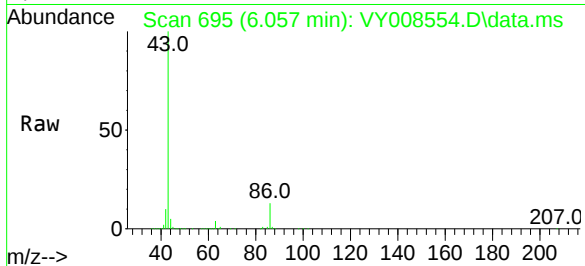




#23
 Vinyl Acetate
 Concen: 266.644 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.001 min
 Lab File: VY008554.D
 Acq: 29 Apr 2022 10:06

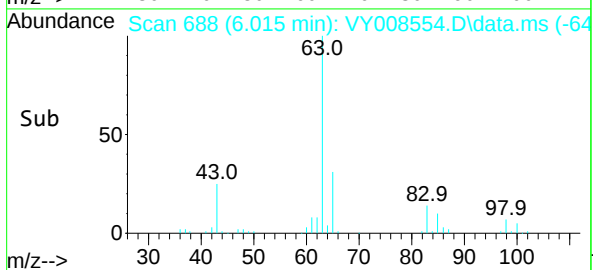
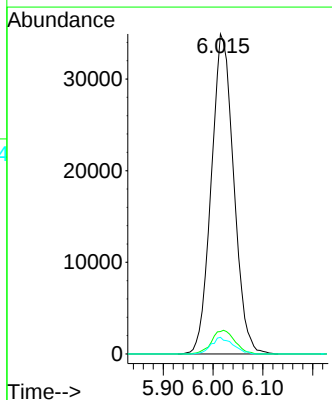
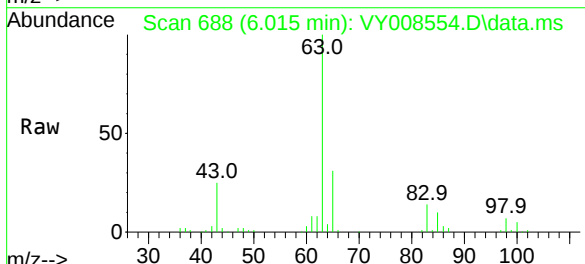
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

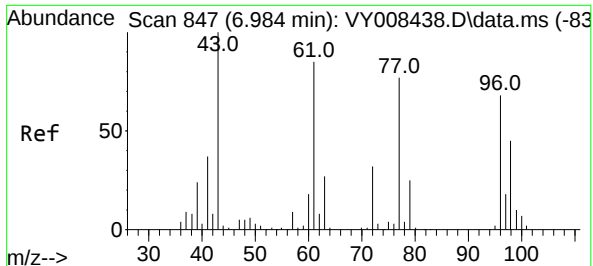
Tgt Ion: 43 Resp: 609563
 Ion Ratio Lower Upper
 43 100
 86 13.2 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 52.607 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY008554.D
 Acq: 29 Apr 2022 10:06

Tgt Ion: 63 Resp: 109189
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.8
 100 5.2 2.0 5.8





#25

2-Butanone

Concen: 257.995 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008554.D

Acq: 29 Apr 2022 10:06

Instrument :

MSVOA_Y

ClientSampleId :

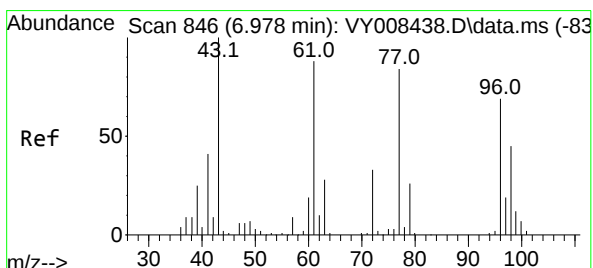
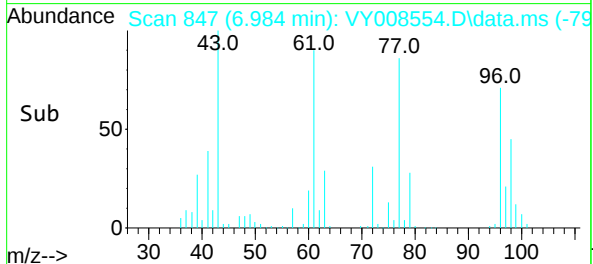
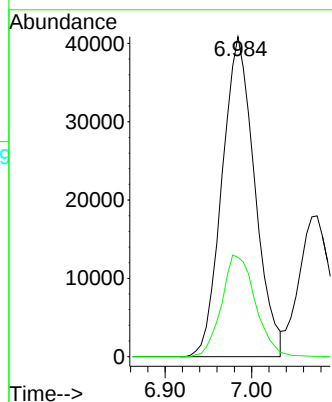
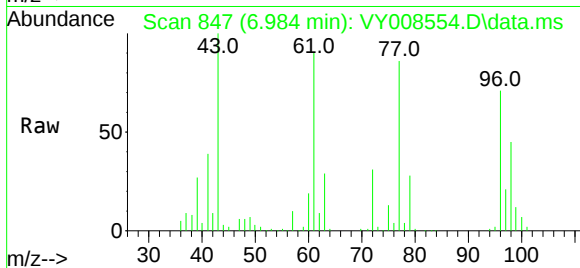
VSTDCCC050

Tgt Ion: 43 Resp: 107046

Ion Ratio Lower Upper

43 100

72 31.1 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 53.823 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY008554.D

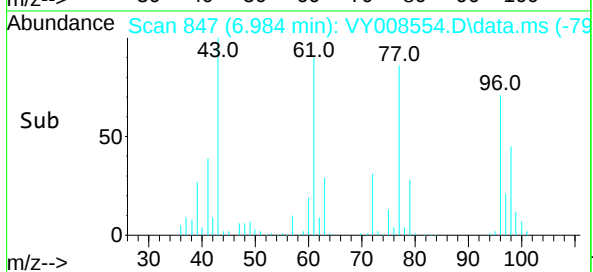
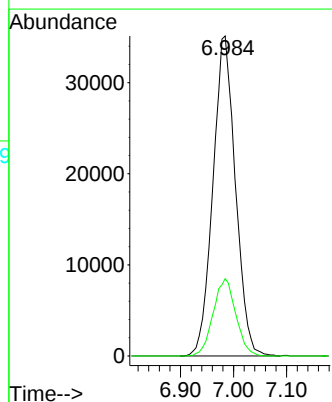
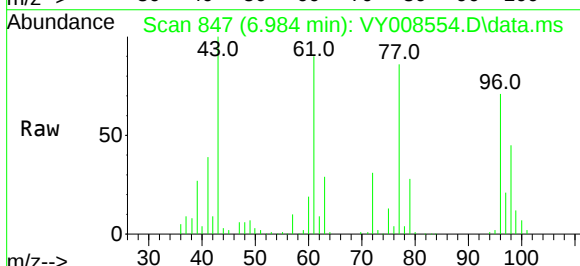
Acq: 29 Apr 2022 10:06

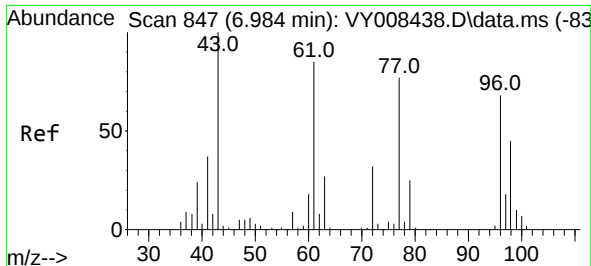
Tgt Ion: 77 Resp: 103466

Ion Ratio Lower Upper

77 100

97 24.3 10.4 31.4



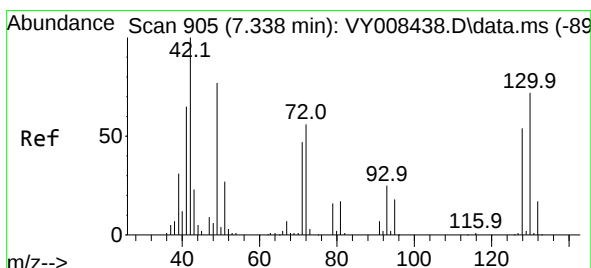
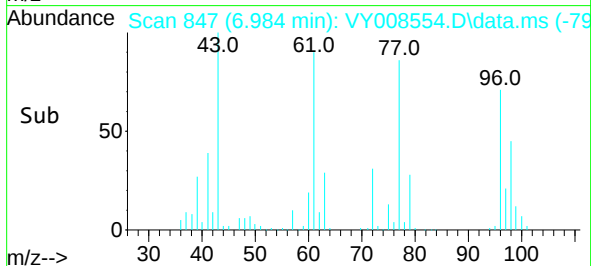
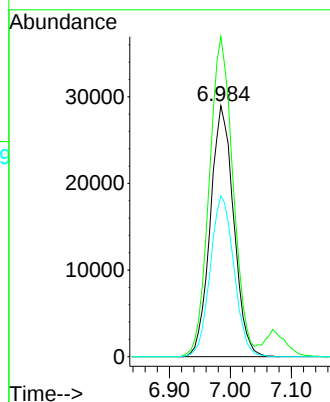
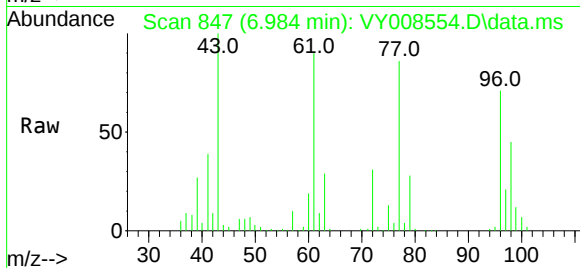


#27
 cis-1,2-Dichloroethene
 Concen: 52.361 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY008554.D
 Acq: 29 Apr 2022 10:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 77287

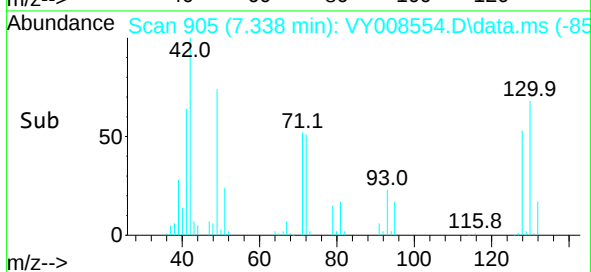
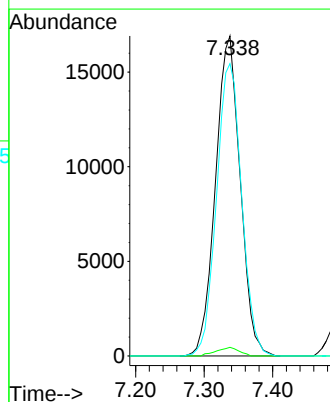
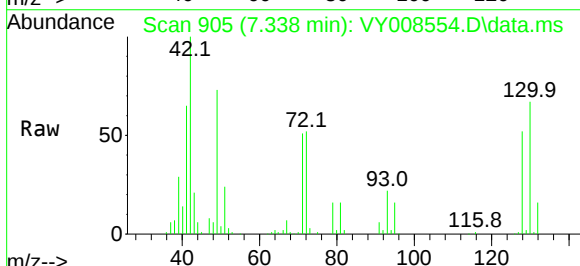
Ion	Ratio	Lower	Upper
96	100		
61	129.7	0.0	319.8
98	65.0	0.0	127.0

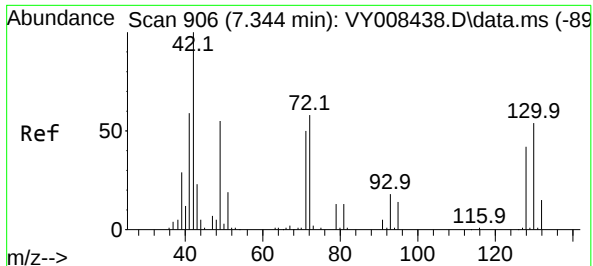


#28
 Bromochloromethane
 Concen: 50.571 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. -0.000 min
 Lab File: VY008554.D
 Acq: 29 Apr 2022 10:06

Tgt Ion: 49 Resp: 42340

Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	2.2#
130	92.9	55.4	83.0#





#29

Tetrahydrofuran

Concen: 251.853 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY008554.D

Acq: 29 Apr 2022 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

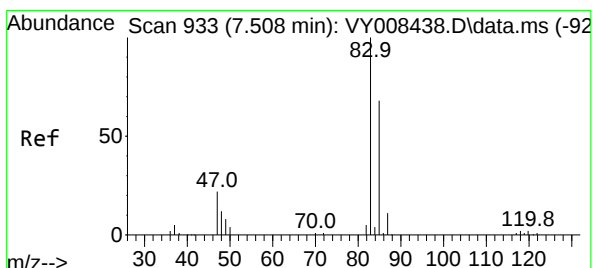
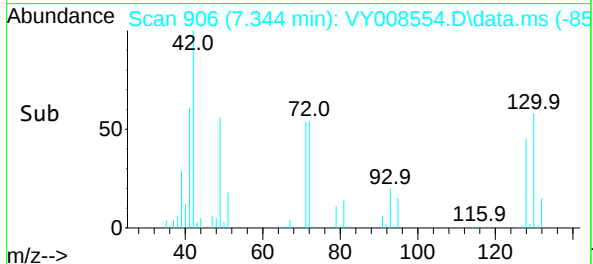
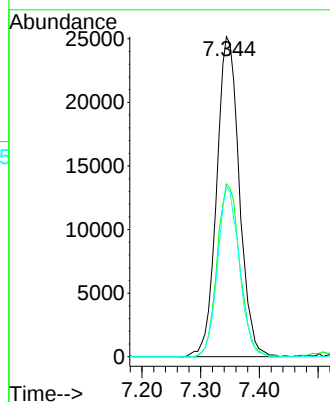
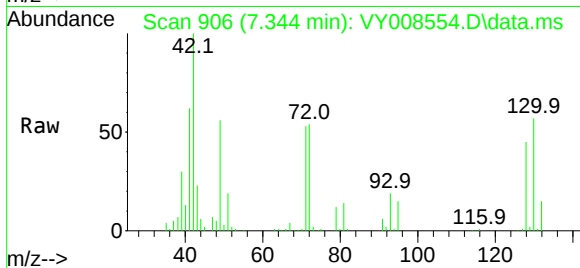
Tgt Ion: 42 Resp: 67305

Ion Ratio Lower Upper

42 100

72 54.0 30.3 45.5#

71 50.9 29.0 43.4#



#30

Chloroform

Concen: 53.244 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY008554.D

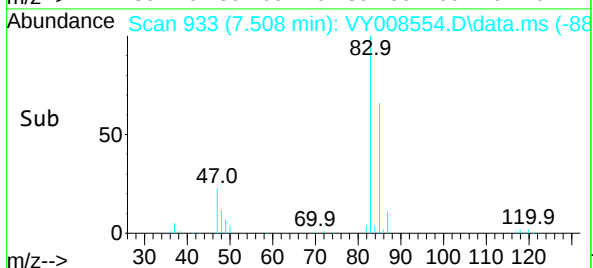
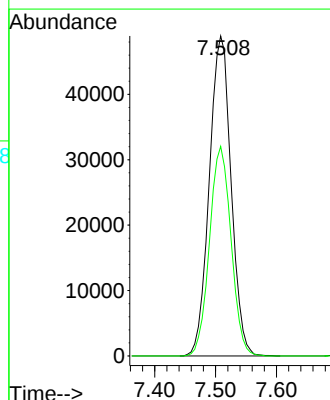
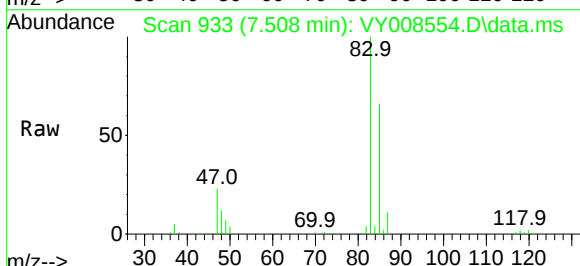
Acq: 29 Apr 2022 10:06

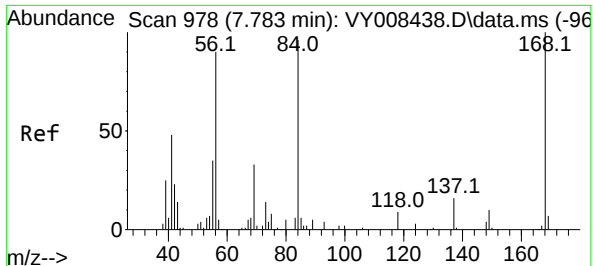
Tgt Ion: 83 Resp: 121410

Ion Ratio Lower Upper

83 100

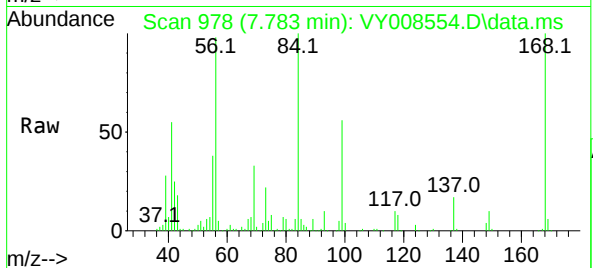
85 65.5 51.8 77.6



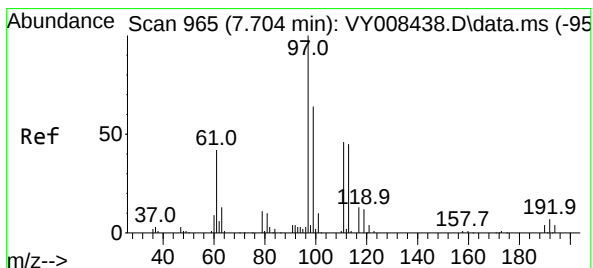
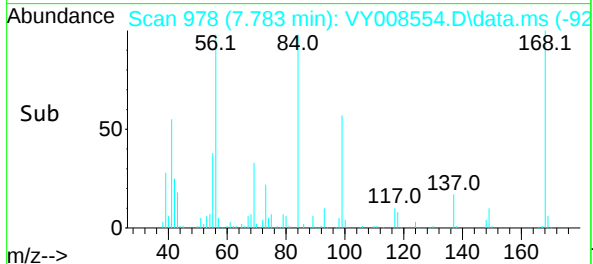
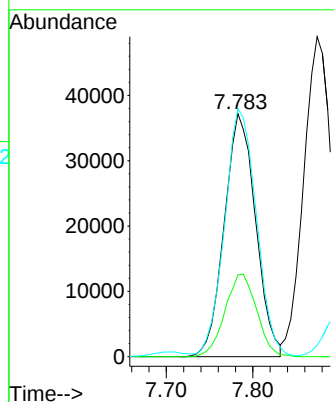


#31
Cyclohexane
Concen: 49.418 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008554.D
Acq: 29 Apr 2022 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

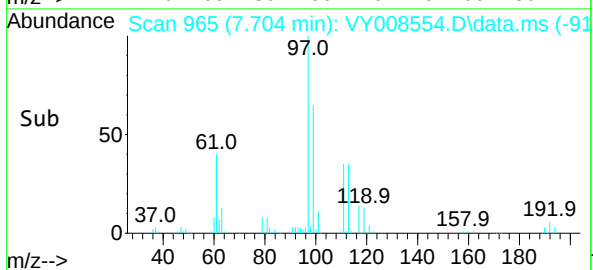
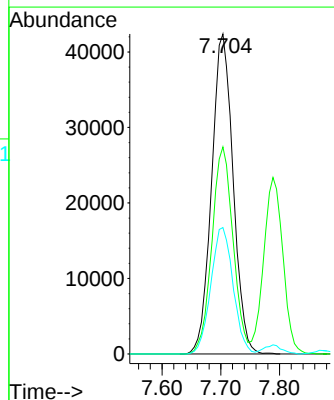
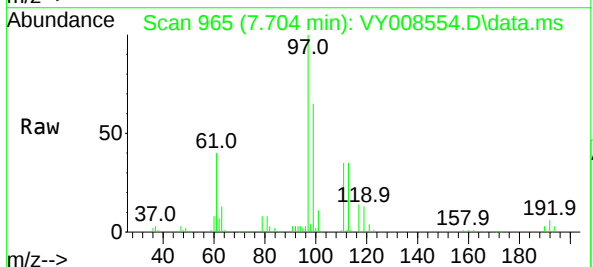


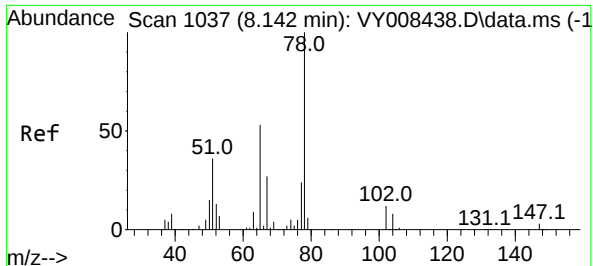
Tgt Ion: 56 Resp: 93545
Ion Ratio Lower Upper
56 100
69 33.6 26.7 40.1
84 100.6 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 53.931 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY008554.D
Acq: 29 Apr 2022 10:06

Tgt Ion: 97 Resp: 107682
Ion Ratio Lower Upper
97 100
99 63.6 50.7 76.1
61 40.9 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 49.339 ug/l

RT: 8.142 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008554.D

Acq: 29 Apr 2022 10:06

Instrument :

MSVOA_Y

ClientSampleId :

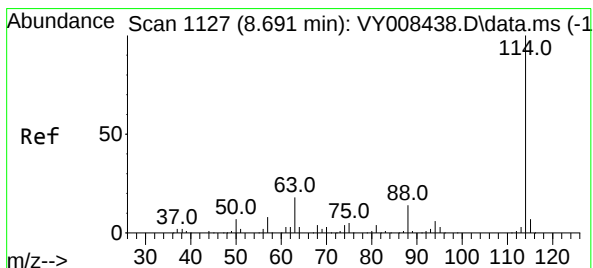
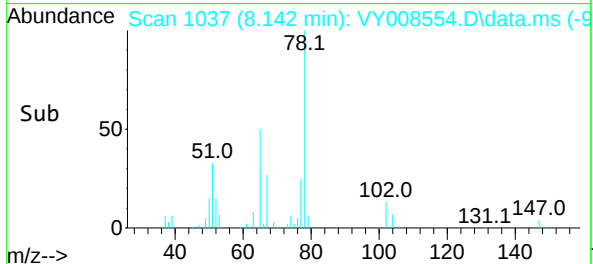
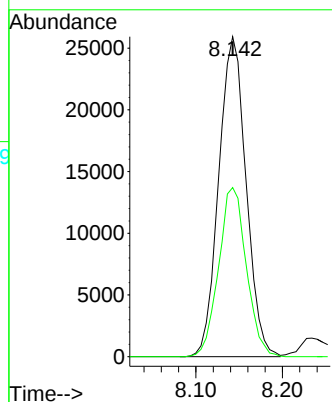
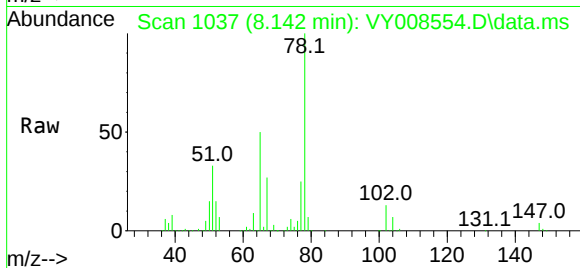
VSTDCCC050

Tgt Ion: 65 Resp: 56811

Ion Ratio Lower Upper

65 100

67 53.6 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: VY008554.D

Acq: 29 Apr 2022 10:06

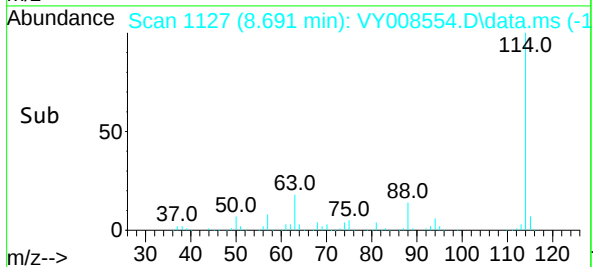
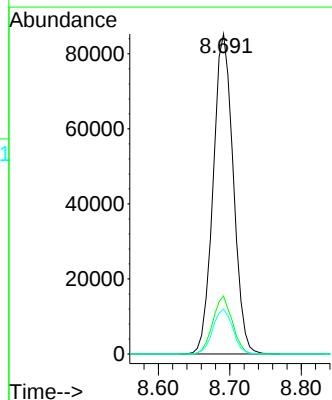
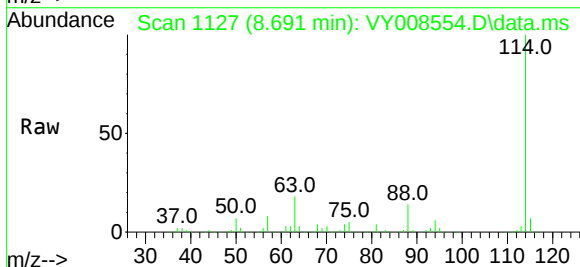
Tgt Ion: 114 Resp: 166214

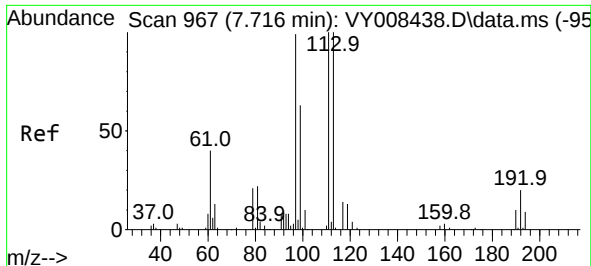
Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 14.0 0.0 31.8

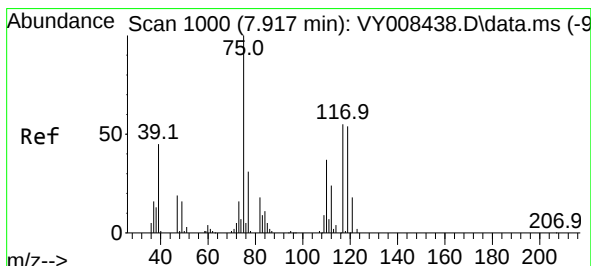
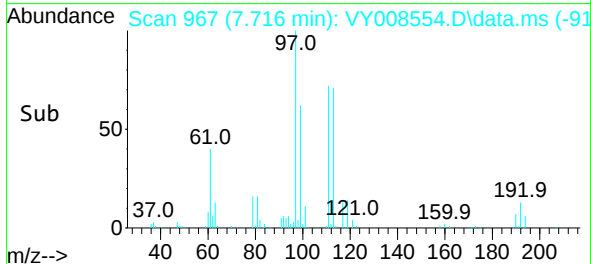
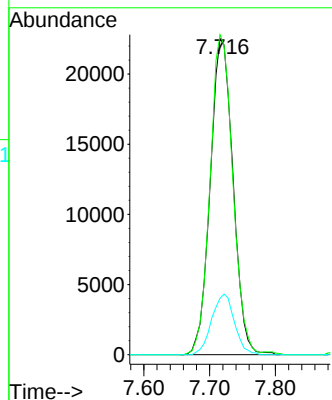
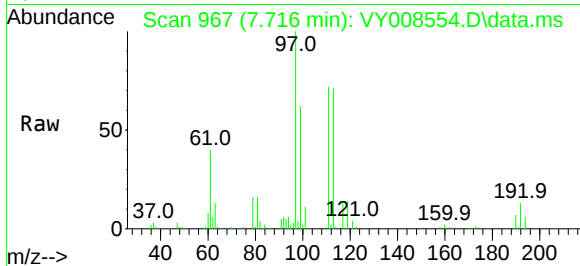




#35
Dibromofluoromethane
Concen: 50.674 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008554.D
Acq: 29 Apr 2022 10:06

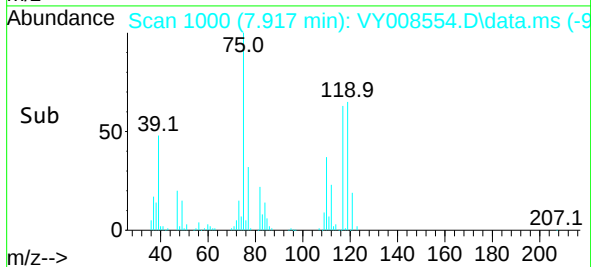
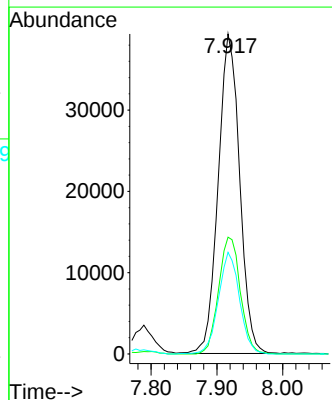
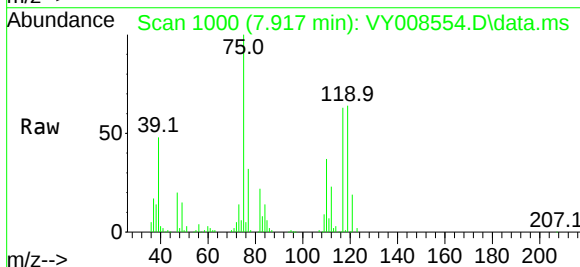
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

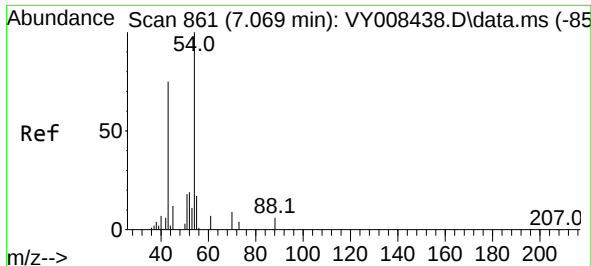
Tgt Ion:113 Resp: 54359
Ion Ratio Lower Upper
113 100
111 100.7 82.6 124.0
192 19.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 52.230 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY008554.D
Acq: 29 Apr 2022 10:06

Tgt Ion: 75 Resp: 89123
Ion Ratio Lower Upper
75 100
110 37.1 17.1 51.2
77 31.4 24.4 36.6





#37

Ethyl Acetate

Concen: 51.200 ug/l

RT: 7.076 min Scan# 8

Delta R.T. 0.007 min

Lab File: VY008554.D

Acq: 29 Apr 2022 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

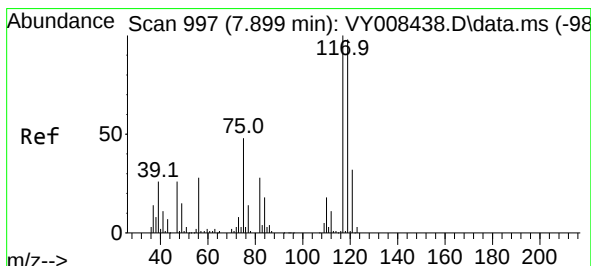
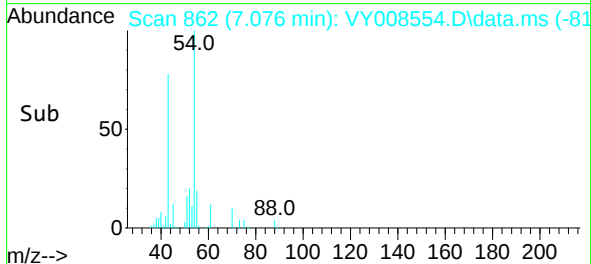
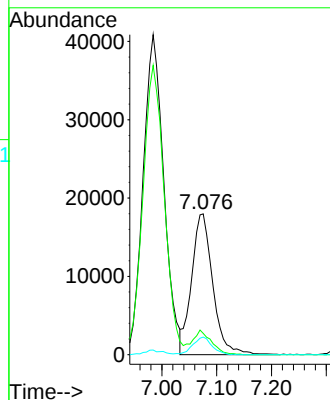
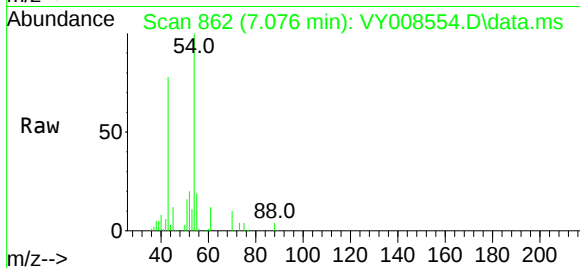
Tgt Ion: 43 Resp: 48316

Ion Ratio Lower Upper

43 100

61 14.0 9.7 14.5

70 11.4 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 54.324 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY008554.D

Acq: 29 Apr 2022 10:06

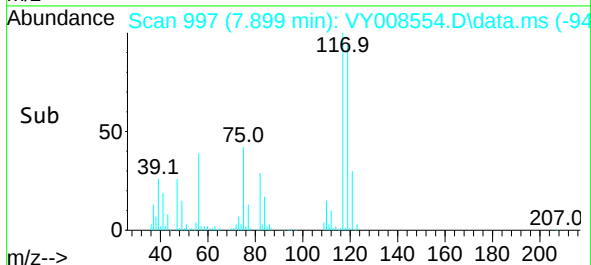
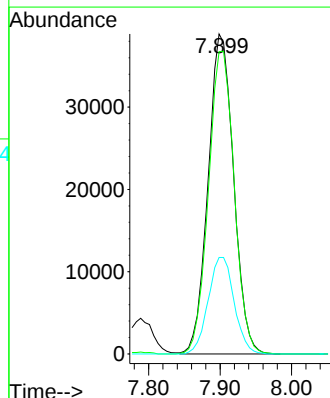
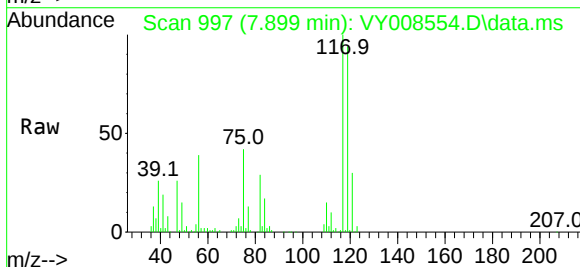
Tgt Ion: 117 Resp: 96310

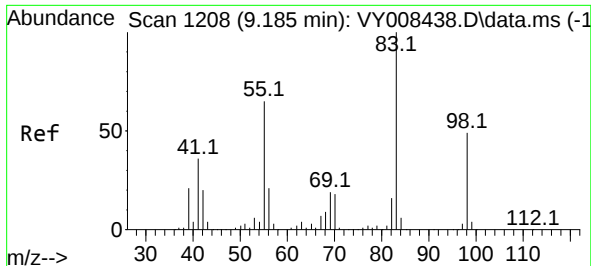
Ion Ratio Lower Upper

117 100

119 94.4 77.9 116.9

121 30.2 24.8 37.2





#39

Methylcyclohexane

Concen: 53.627 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY008554.D

Acq: 29 Apr 2022 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

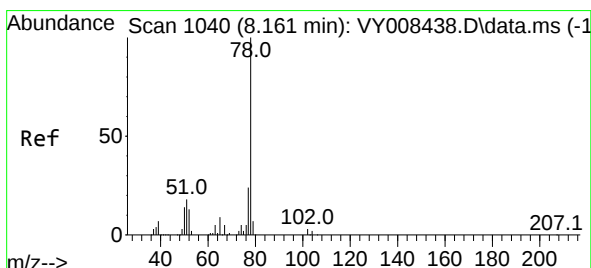
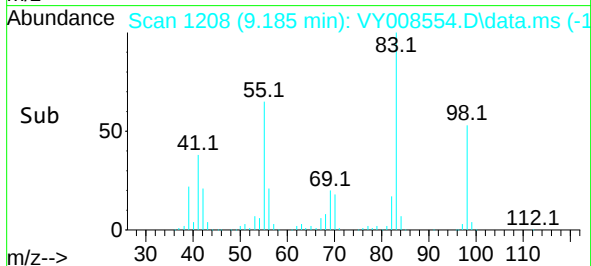
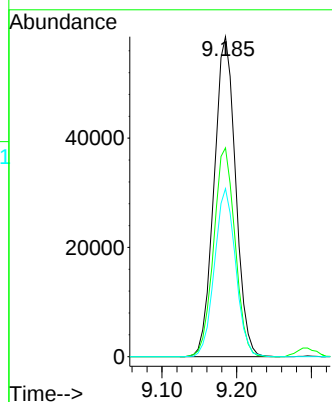
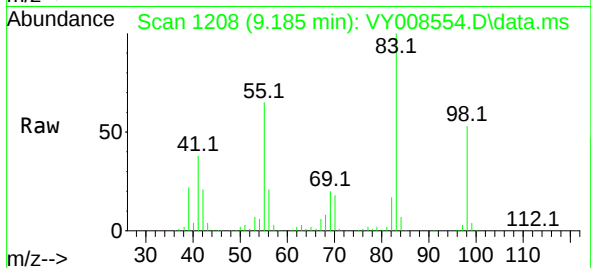
Tgt Ion: 83 Resp: 117165

Ion Ratio Lower Upper

83 100

55 65.2 66.5 99.7#

98 52.5 37.9 56.9



#40

Benzene

Concen: 53.478 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY008554.D

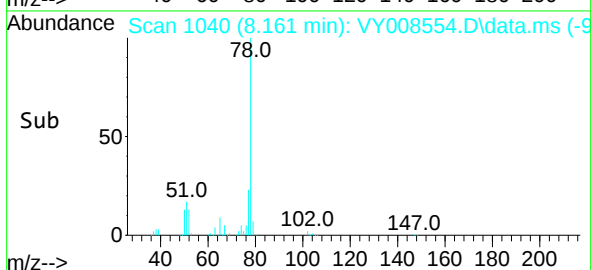
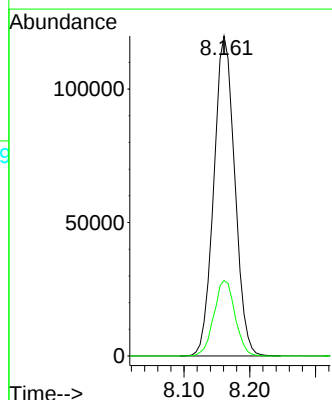
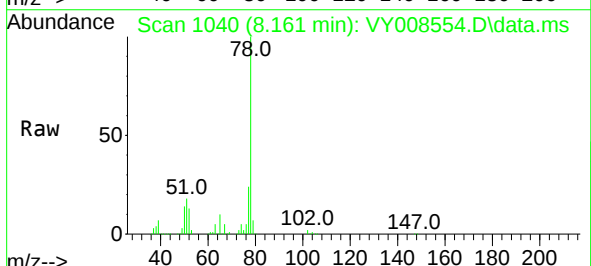
Acq: 29 Apr 2022 10:06

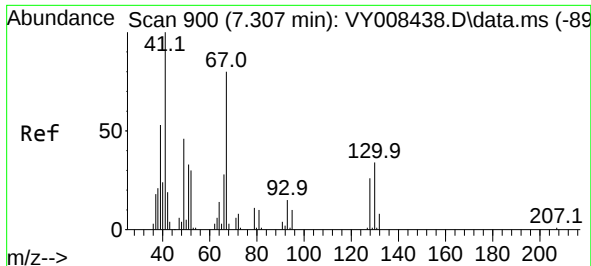
Tgt Ion: 78 Resp: 266222

Ion Ratio Lower Upper

78 100

77 23.5 20.4 30.6

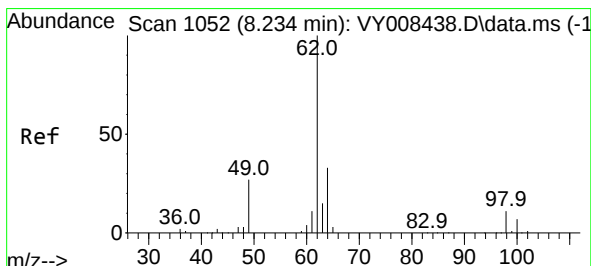
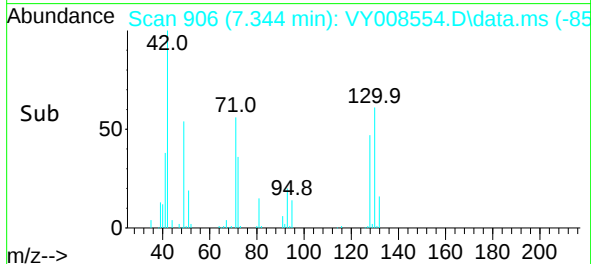
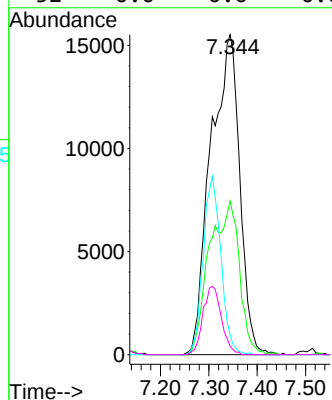
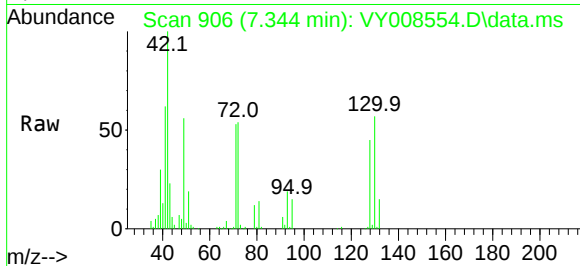




#41
Methacrylonitrile
Concen: 140.825 ug/l
RT: 7.344 min Scan# 900
Delta R.T. 0.037 min
Lab File: VY008554.D
Acq: 29 Apr 2022 10:06

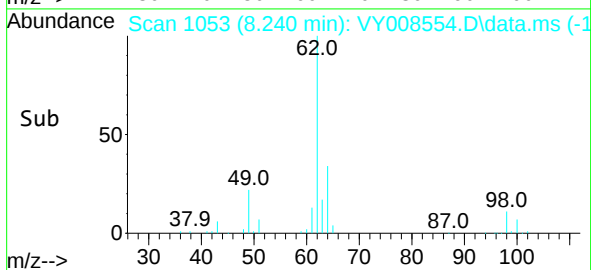
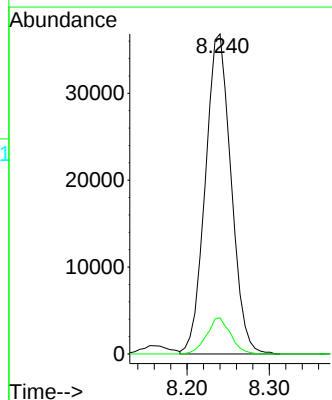
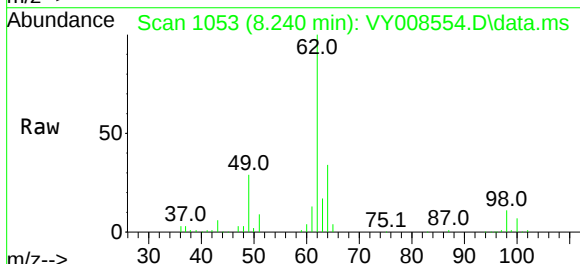
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

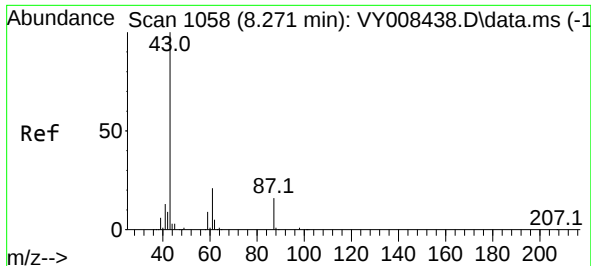
Tgt Ion: 41 Resp: 64446
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 53.385 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY008554.D
Acq: 29 Apr 2022 10:06

Tgt Ion: 62 Resp: 80012
Ion Ratio Lower Upper
62 100
98 10.5 0.0 14.8





#43

Isopropyl Acetate

Concen: 53.280 ug/l

RT: 8.270 min Scan# 1058

Delta R.T. -0.001 min

Lab File: VY008554.D

Acq: 29 Apr 2022 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

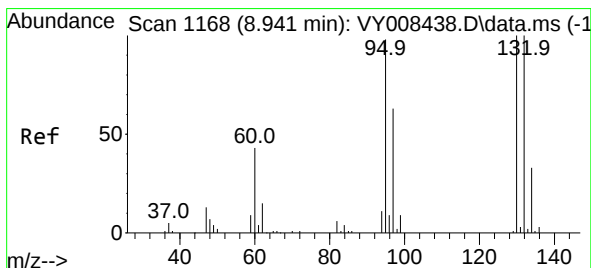
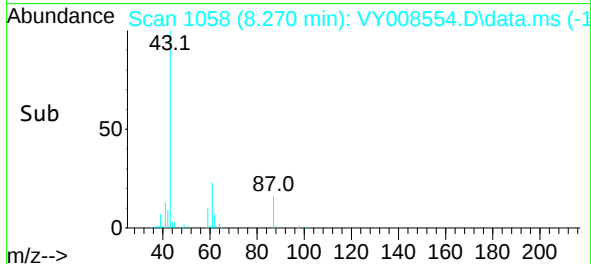
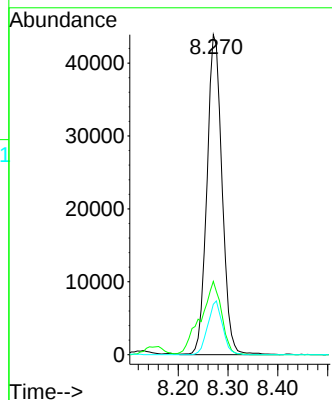
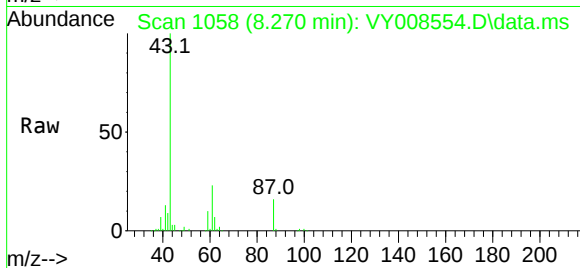
Tgt Ion: 43 Resp: 92471

Ion Ratio Lower Upper

43 100

61 31.8 20.2 30.2#

87 16.3 8.9 13.3#



#44

Trichloroethene

Concen: 53.926 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY008554.D

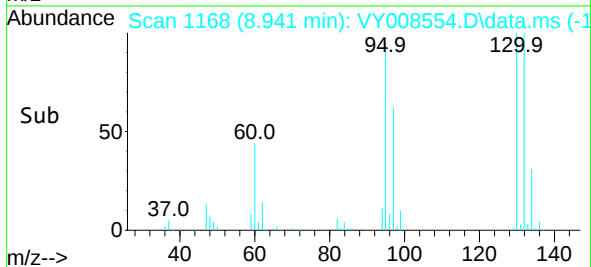
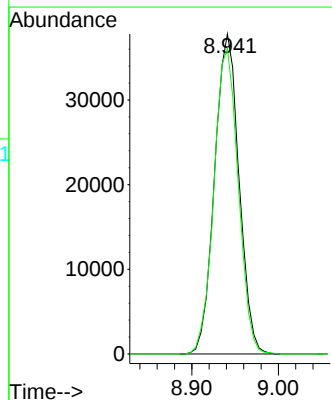
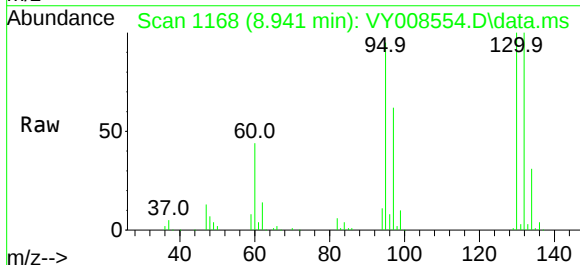
Acq: 29 Apr 2022 10:06

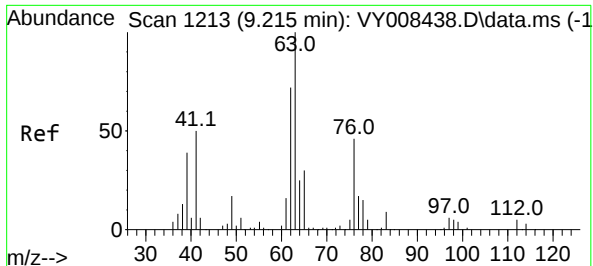
Tgt Ion:130 Resp: 73959

Ion Ratio Lower Upper

130 100

95 95.5 0.0 188.2





#45

1,2-Dichloropropane

Concen: 54.088 ug/l

RT: 9.215 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008554.D

Acq: 29 Apr 2022 10:06

Instrument :

MSVOA_Y

ClientSampleId :

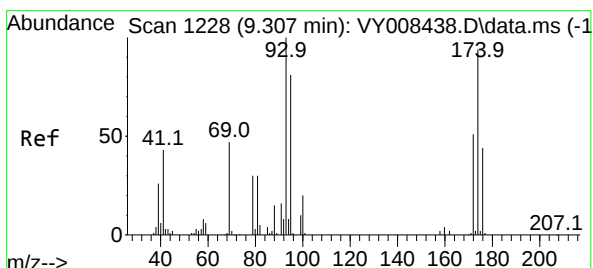
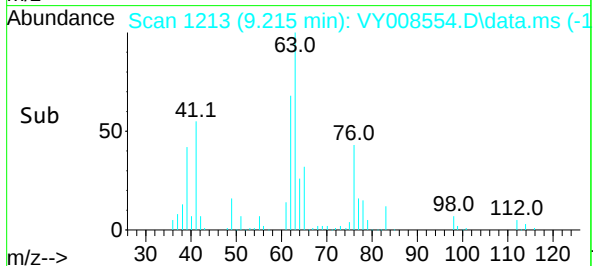
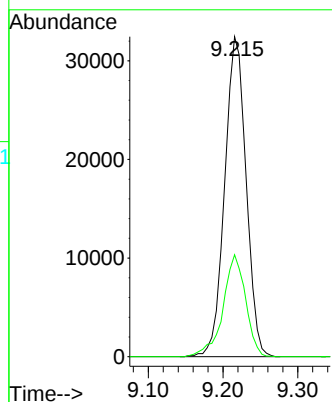
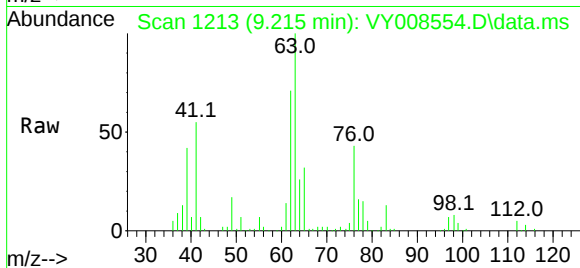
VSTDCCC050

Tgt Ion: 63 Resp: 64659

Ion Ratio Lower Upper

63 100

65 31.9 23.0 34.6



#46

Dibromomethane

Concen: 53.411 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY008554.D

Acq: 29 Apr 2022 10:06

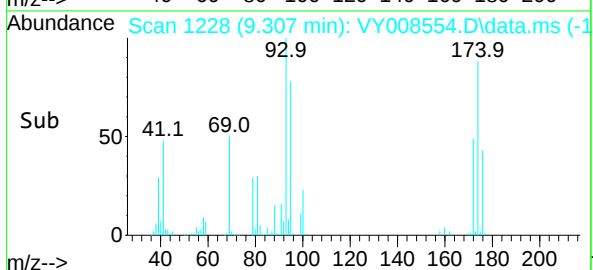
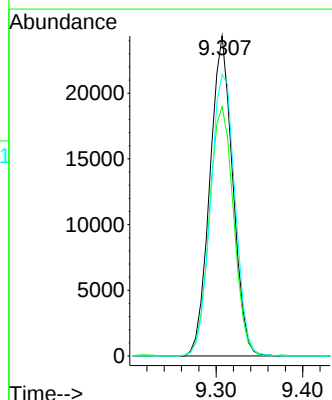
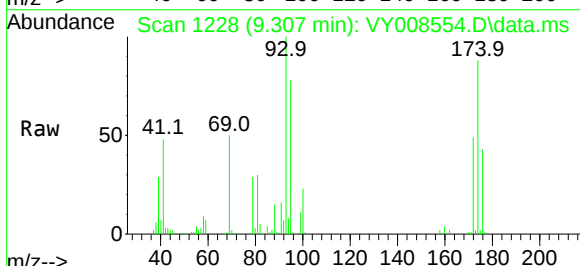
Tgt Ion: 93 Resp: 44733

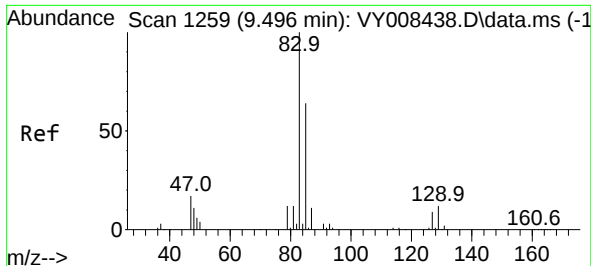
Ion Ratio Lower Upper

93 100

95 82.5 64.3 96.5

174 94.2 83.4 125.0





#47

Bromodichloromethane

Concen: 55.282 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY008554.D

Acq: 29 Apr 2022 10:06

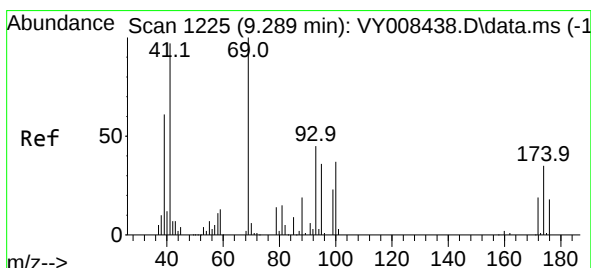
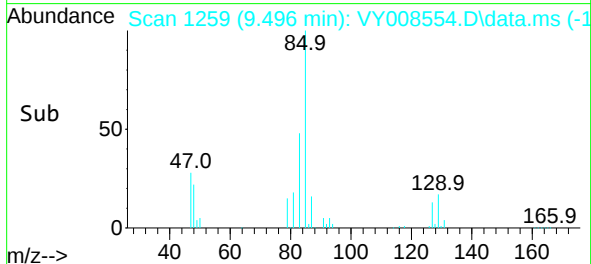
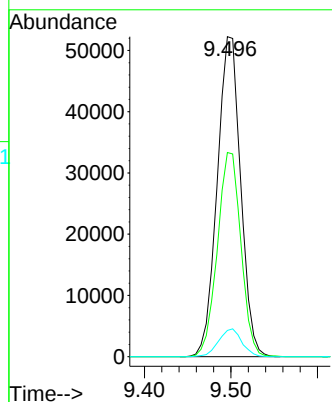
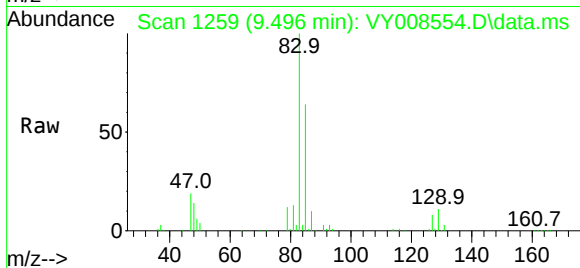
Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	98286
Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.9	77.9
127	8.2	6.6	10.0



#48

Methyl methacrylate

Concen: 54.321 ug/l

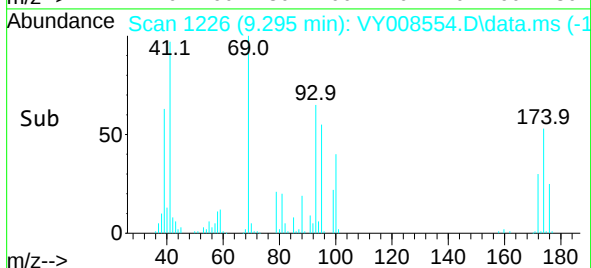
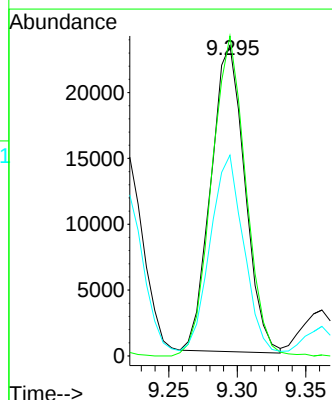
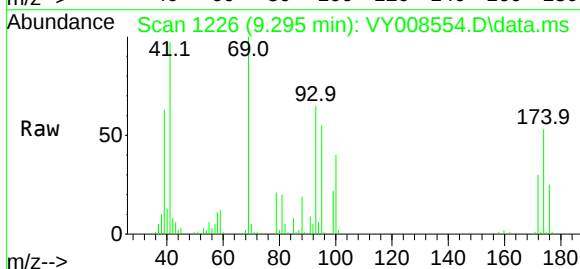
RT: 9.295 min Scan# 1226

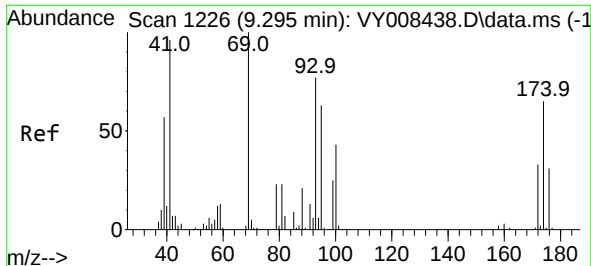
Delta R.T. 0.006 min

Lab File: VY008554.D

Acq: 29 Apr 2022 10:06

Tgt Ion:	41	Resp:	40086
Ion	Ratio	Lower	Upper
41	100		
69	104.8	58.2	87.2
39	62.8	47.4	71.0





#49

1,4-Dioxane

Concen: 1046.568 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY008554.D

Acq: 29 Apr 2022 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

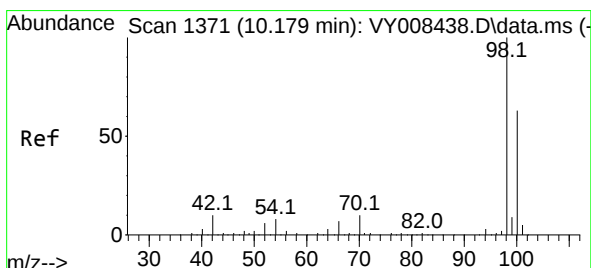
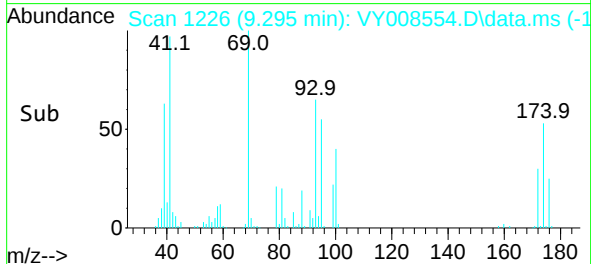
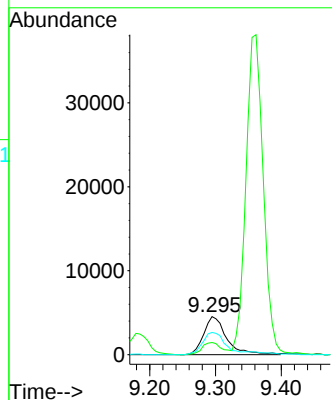
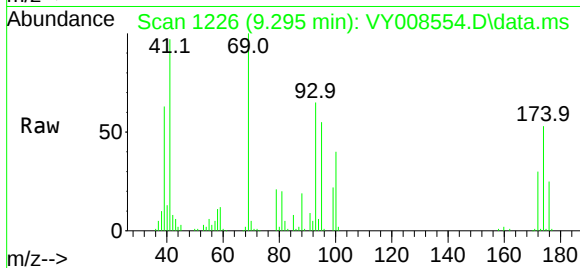
Tgt Ion: 88 Resp: 11053

Ion Ratio Lower Upper

88 100

43 26.9 32.8 49.2#

58 57.3 59.8 89.6#



#50

Toluene-d8

Concen: 46.696 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY008554.D

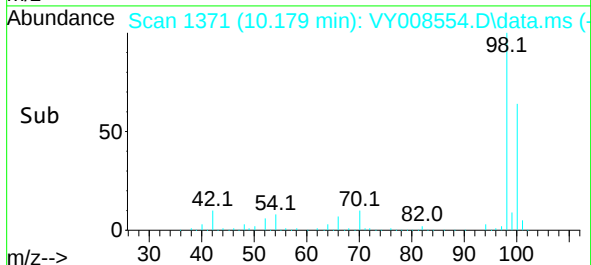
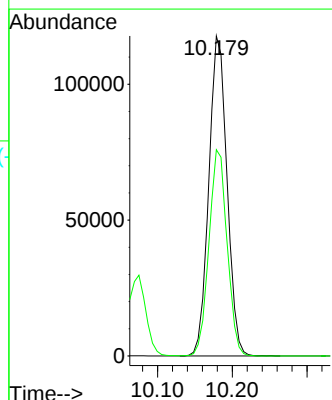
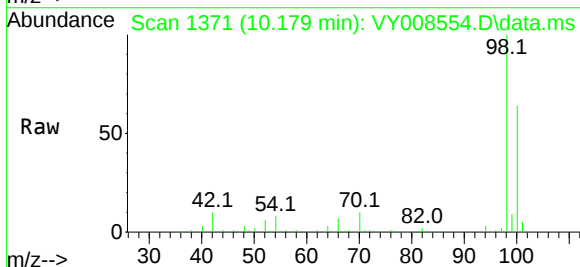
Acq: 29 Apr 2022 10:06

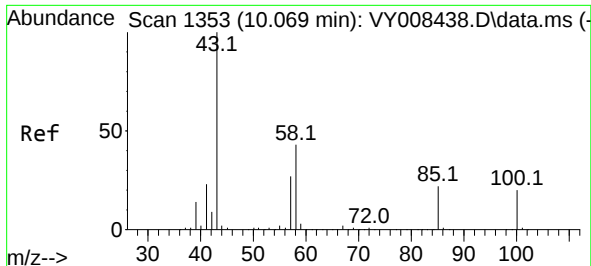
Tgt Ion: 98 Resp: 198983

Ion Ratio Lower Upper

98 100

100 64.3 50.2 75.2

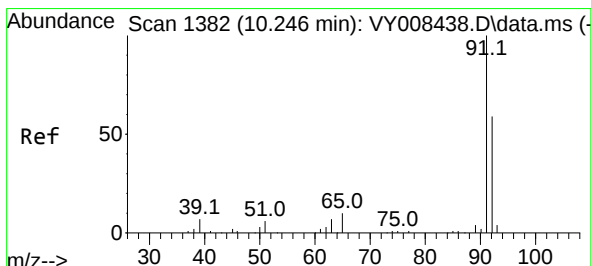
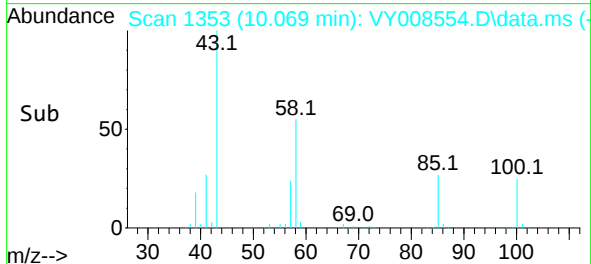
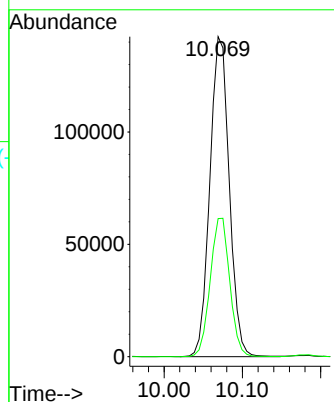
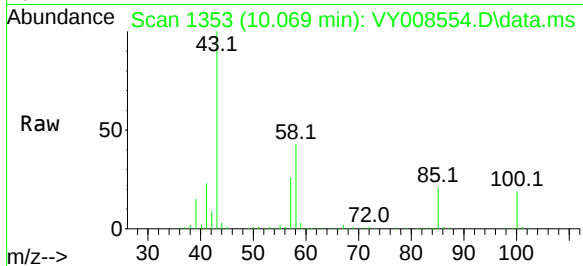




#51
4-Methyl-2-Pentanone
Concen: 267.668 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY008554.D
Acq: 29 Apr 2022 10:06

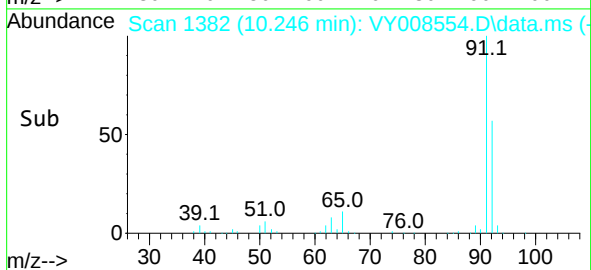
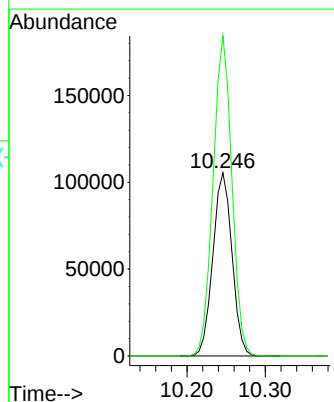
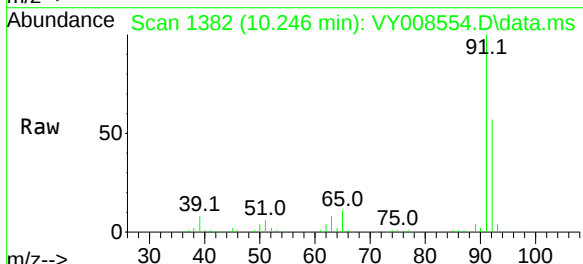
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

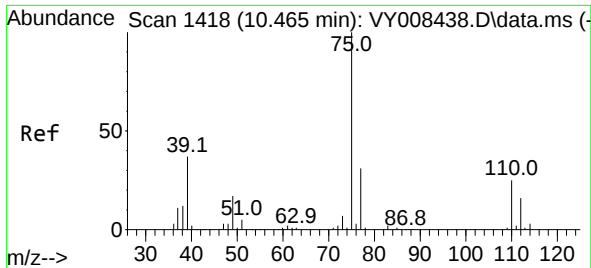
Tgt Ion: 43 Resp: 244380
Ion Ratio Lower Upper
43 100
58 43.7 28.1 42.1#



#52
Toluene
Concen: 54.265 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY008554.D
Acq: 29 Apr 2022 10:06

Tgt Ion: 92 Resp: 178649
Ion Ratio Lower Upper
92 100
91 172.3 142.6 213.8

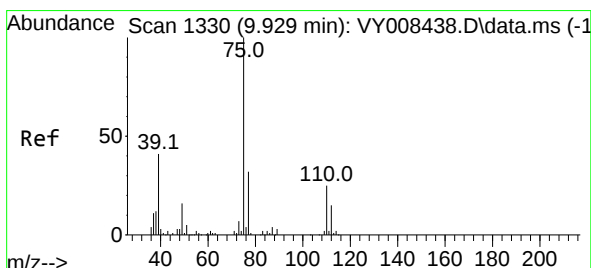
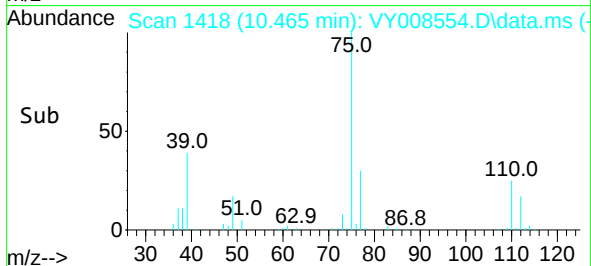
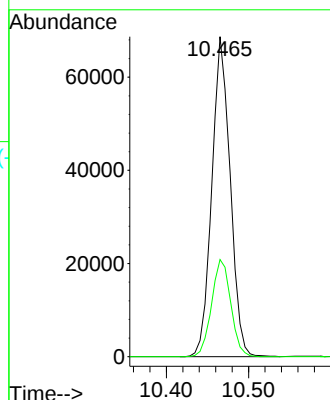
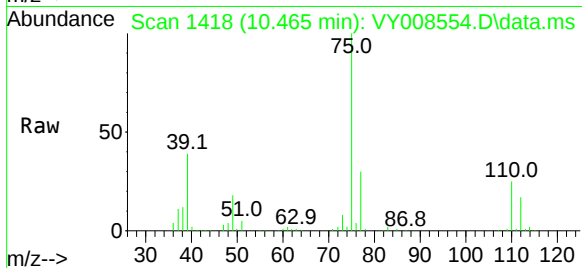




#53
 t-1,3-Dichloropropene
 Concen: 55.841 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY008554.D
 Acq: 29 Apr 2022 10:06

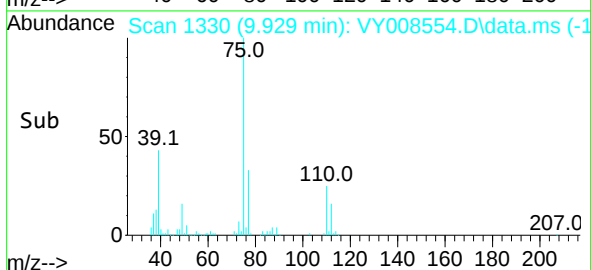
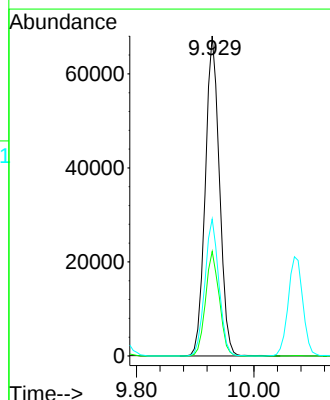
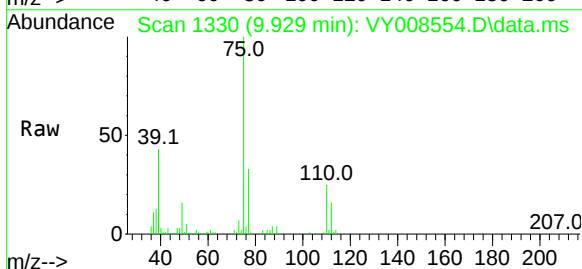
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

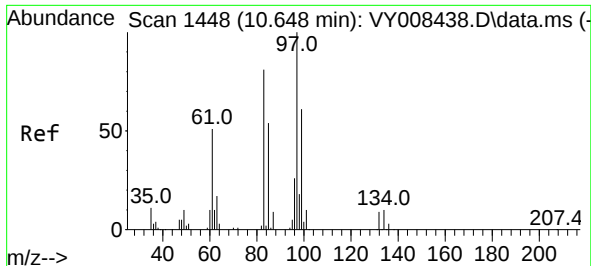
Tgt Ion: 75 Resp: 106468
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 54.109 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY008554.D
 Acq: 29 Apr 2022 10:06

Tgt Ion: 75 Resp: 114324
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.6 38.4
 39 42.8 47.6 71.4#

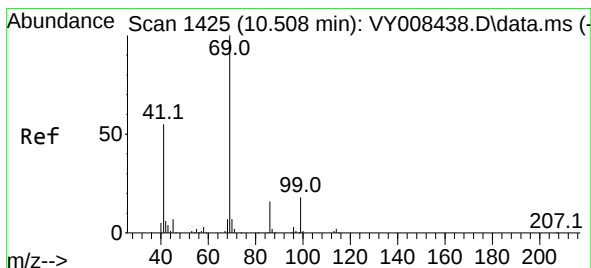
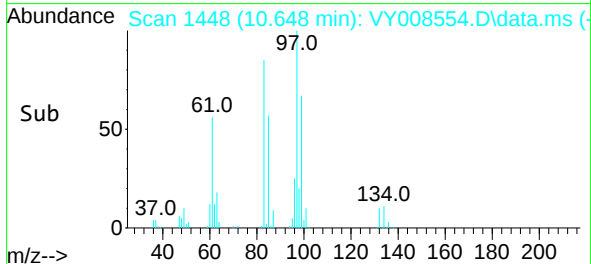
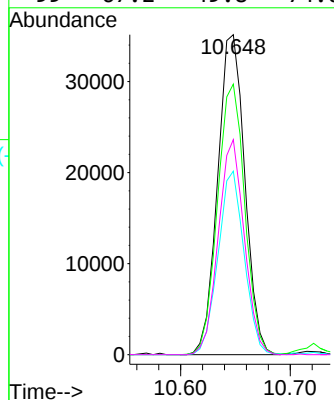
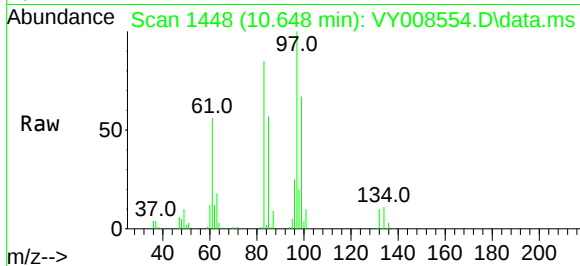




#55
1,1,2-Trichloroethane
Concen: 52.957 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY008554.D
Acq: 29 Apr 2022 10:06

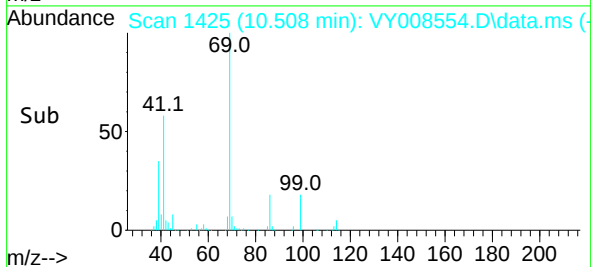
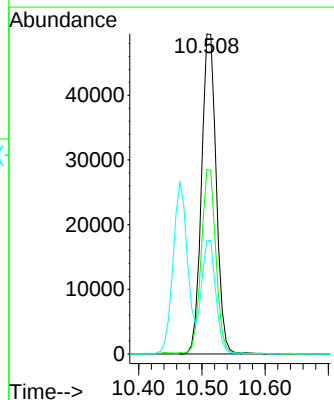
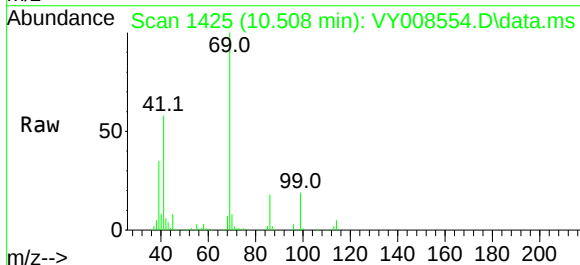
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

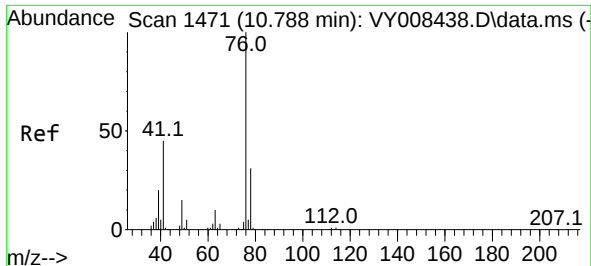
Tgt Ion: 97	Resp: 60536
Ion Ratio	Lower Upper
97 100	
83 84.5	69.8 104.8
85 57.4	44.3 66.5
99 67.2	49.8 74.6



#56
Ethyl methacrylate
Concen: 54.414 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY008554.D
Acq: 29 Apr 2022 10:06

Tgt Ion: 69	Resp: 80313
Ion Ratio	Lower Upper
69 100	
41 57.9	63.4 95.0#
39 34.1	35.8 53.8#





#57

1,3-Dichloropropane

Concen: 54.159 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008554.D

Acq: 29 Apr 2022 10:06

Instrument :

MSVOA_Y

ClientSampleId :

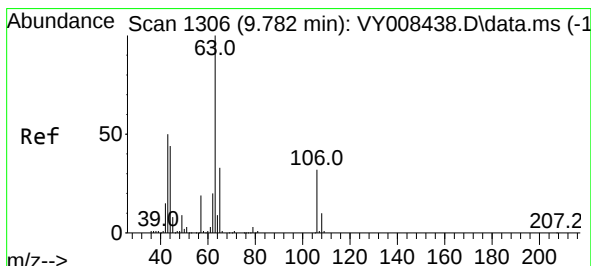
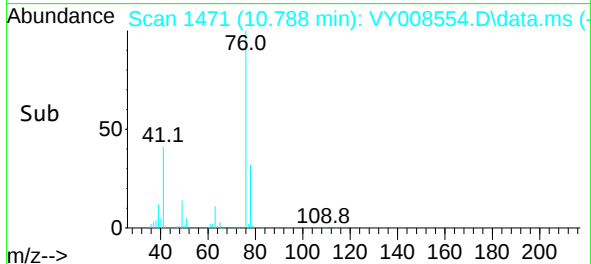
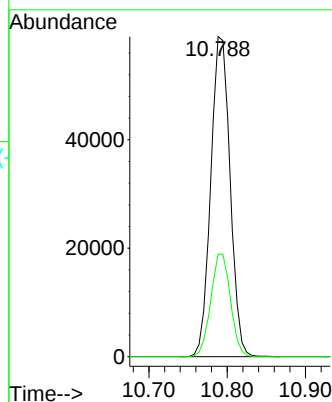
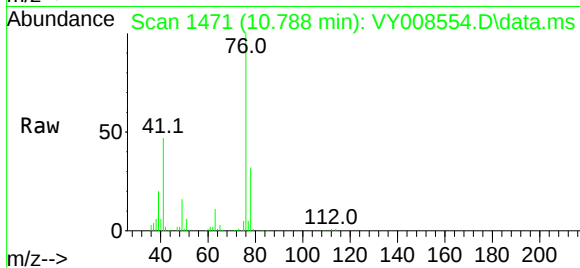
VSTDCCC050

Tgt Ion: 76 Resp: 101061

Ion Ratio Lower Upper

76 100

78 32.6 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 247.969 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008554.D

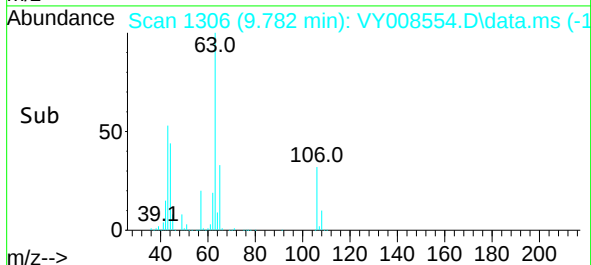
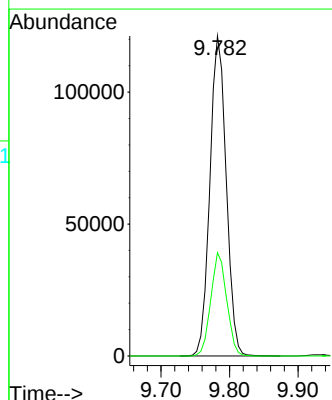
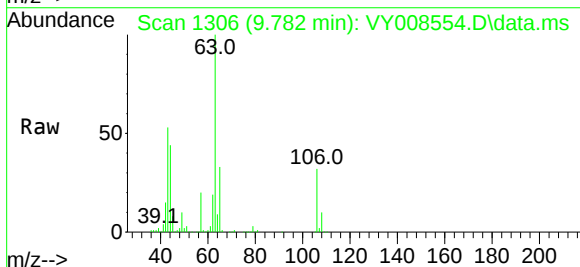
Acq: 29 Apr 2022 10:06

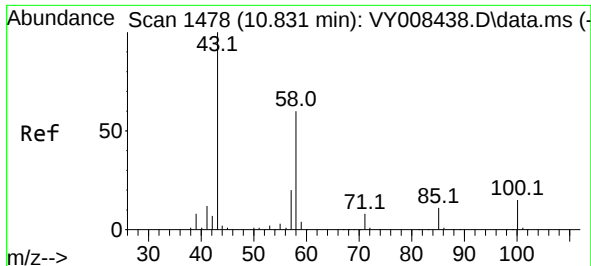
Tgt Ion: 63 Resp: 200584

Ion Ratio Lower Upper

63 100

106 31.3 21.5 32.3

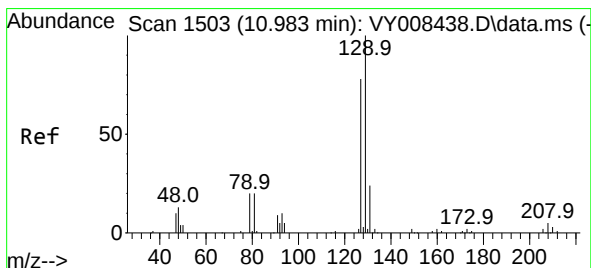
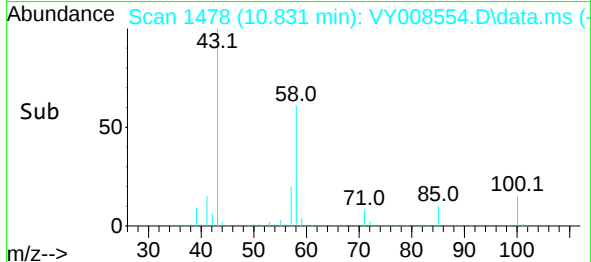
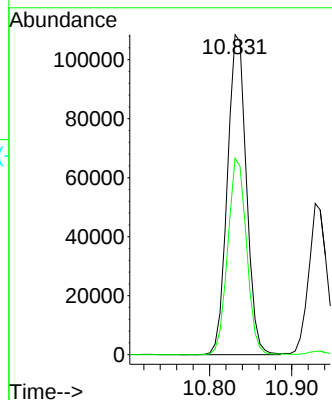
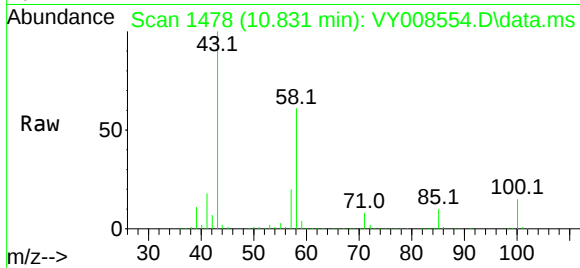




#59
2-Hexanone
Concen: 277.799 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008554.D
Acq: 29 Apr 2022 10:06

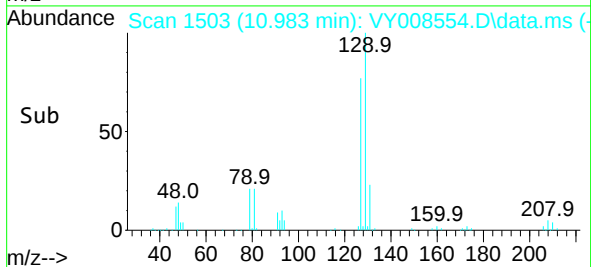
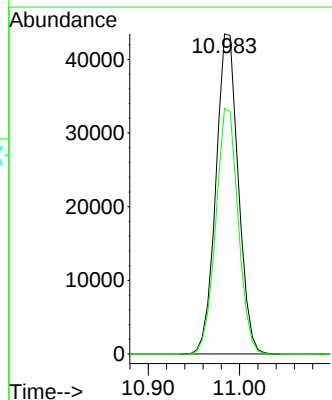
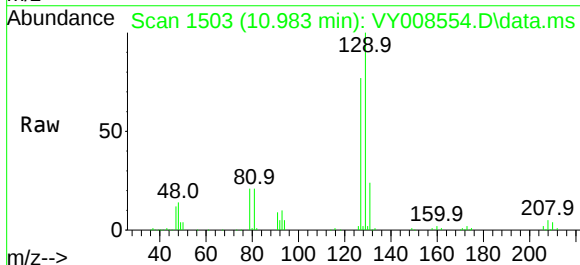
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

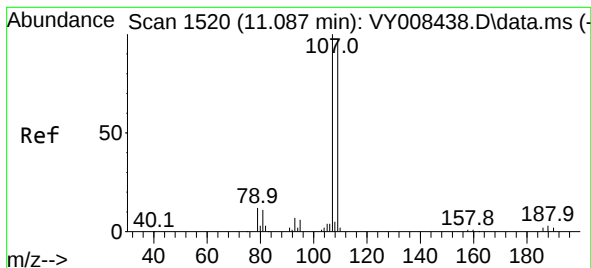
Tgt Ion: 43 Resp: 174536
Ion Ratio Lower Upper
43 100
58 60.8 24.4 73.4



#60
Dibromochloromethane
Concen: 56.279 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008554.D
Acq: 29 Apr 2022 10:06

Tgt Ion:129 Resp: 73913
Ion Ratio Lower Upper
129 100
127 76.8 38.7 116.1





#61

1,2-Dibromoethane

Concen: 54.007 ug/l

RT: 11.087 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008554.D

Acq: 29 Apr 2022 10:06

Instrument :

MSVOA_Y

ClientSampleId :

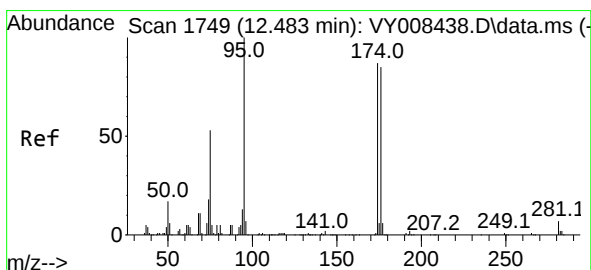
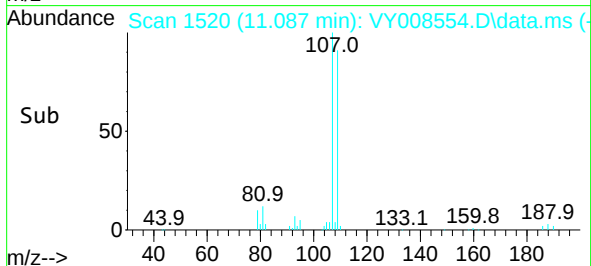
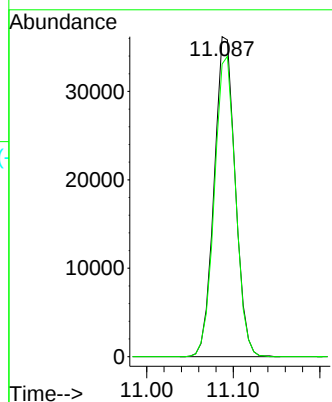
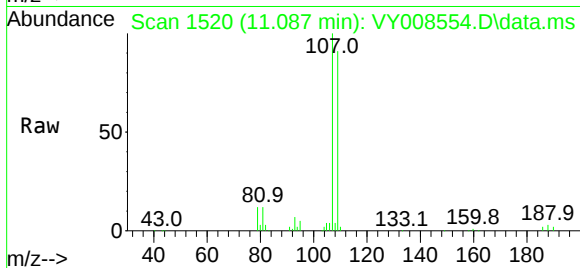
VSTDCCC050

Tgt Ion:107 Resp: 61060

Ion Ratio Lower Upper

107 100

109 94.5 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 49.318 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY008554.D

Acq: 29 Apr 2022 10:06

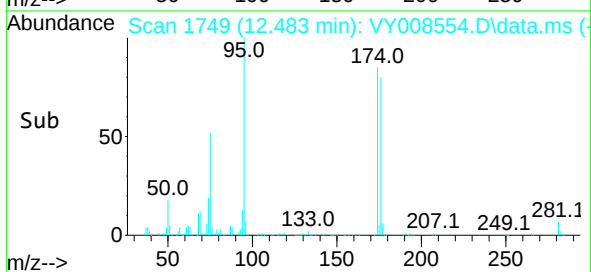
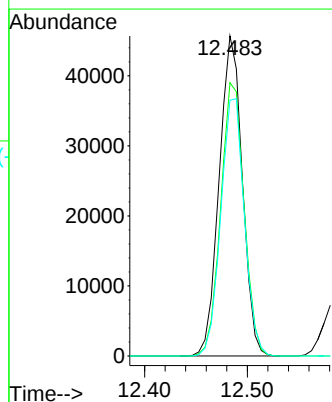
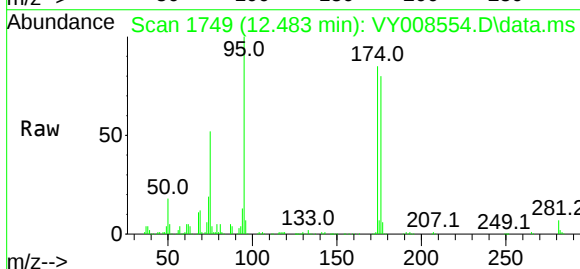
Tgt Ion: 95 Resp: 71238

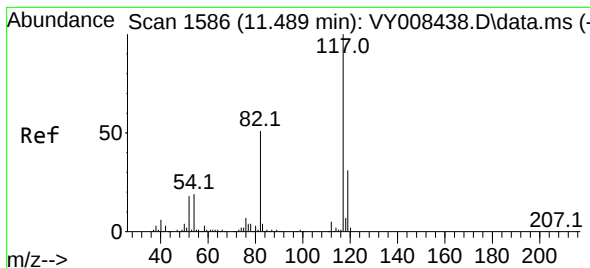
Ion Ratio Lower Upper

95 100

174 86.0 0.0 177.0

176 81.9 0.0 175.8

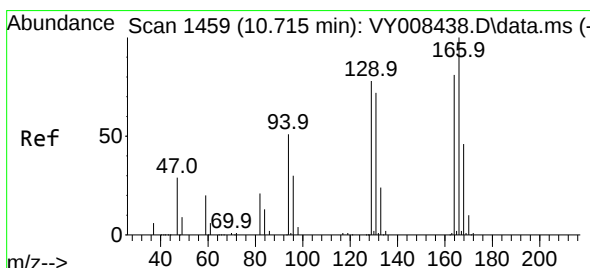
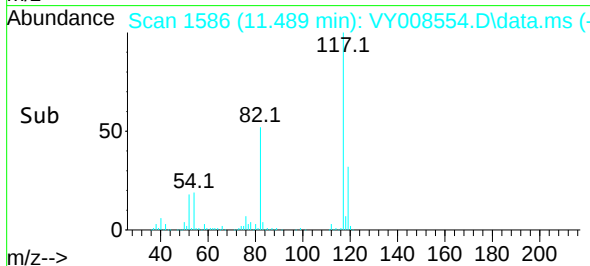
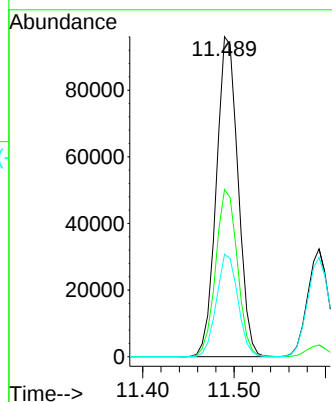
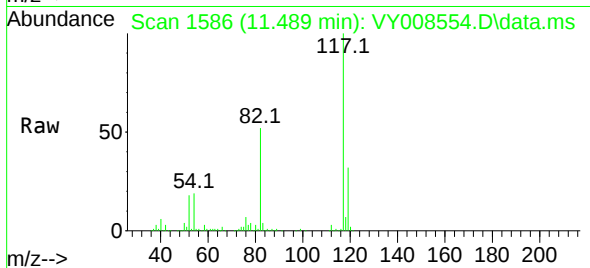




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008554.D
Acq: 29 Apr 2022 10:06

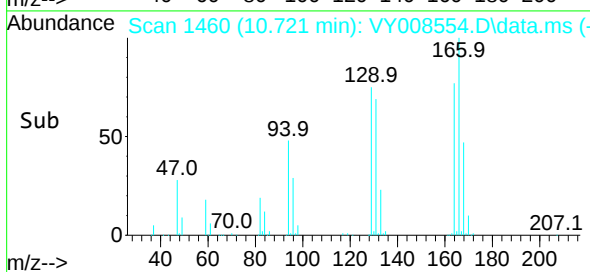
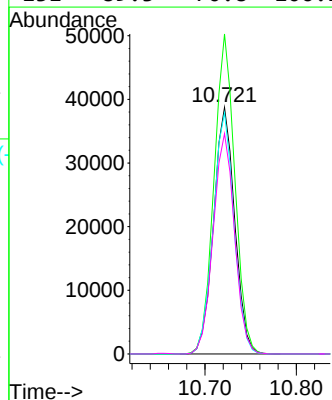
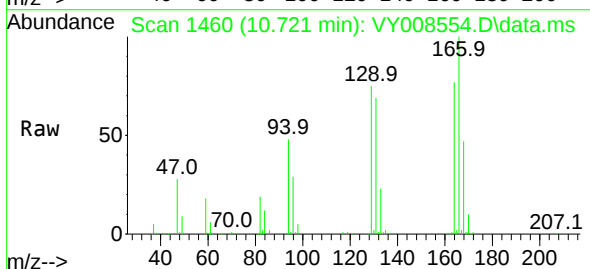
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

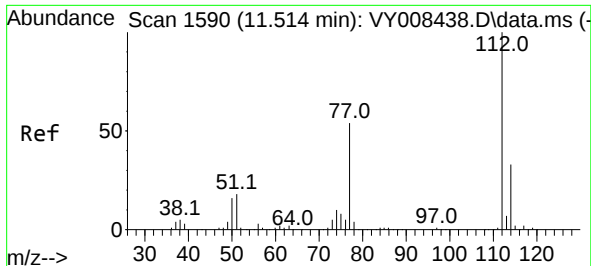
Tgt Ion:117 Resp: 158490
Ion Ratio Lower Upper
117 100
82 52.2 43.0 64.4
119 32.1 25.4 38.0



#64
Tetrachloroethene
Concen: 52.988 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY008554.D
Acq: 29 Apr 2022 10:06

Tgt Ion:164 Resp: 62278
Ion Ratio Lower Upper
164 100
166 129.8 100.4 150.6
129 97.8 71.4 107.0
131 89.3 70.8 106.2

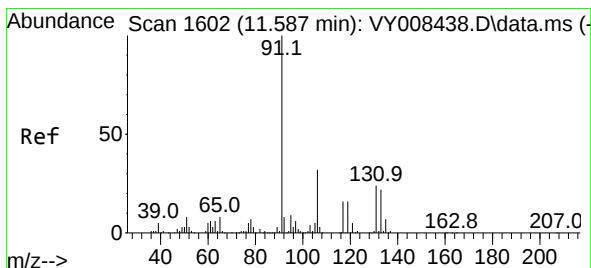
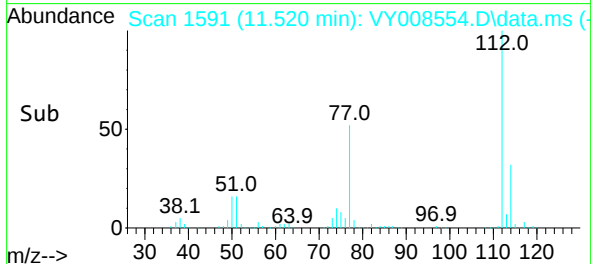
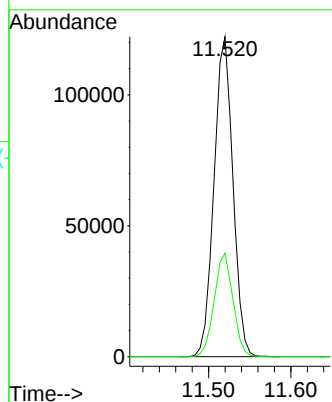
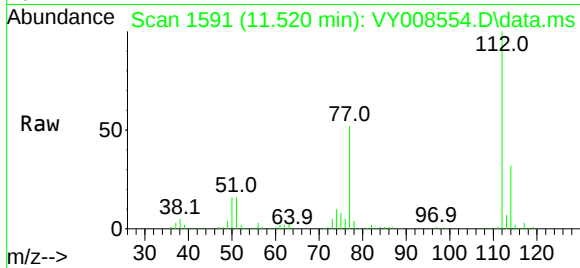




#65
Chlorobenzene
Concen: 54.445 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008554.D
Acq: 29 Apr 2022 10:06

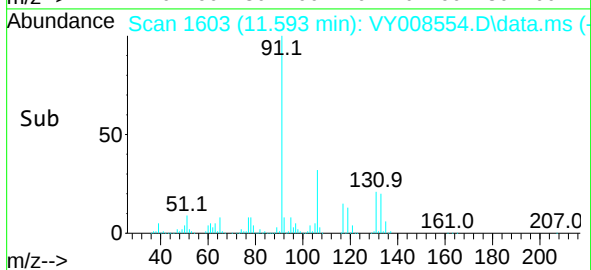
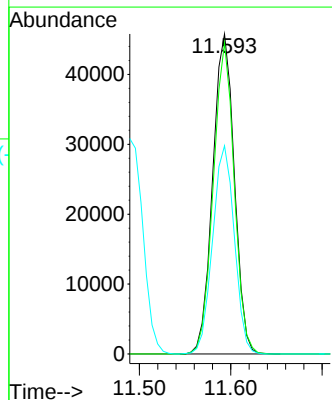
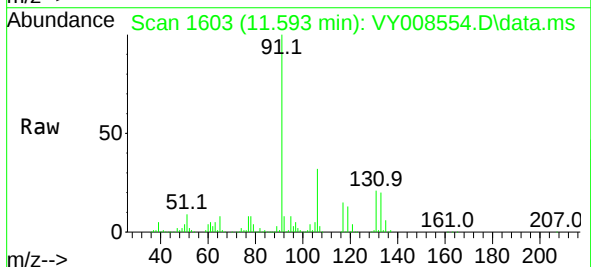
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

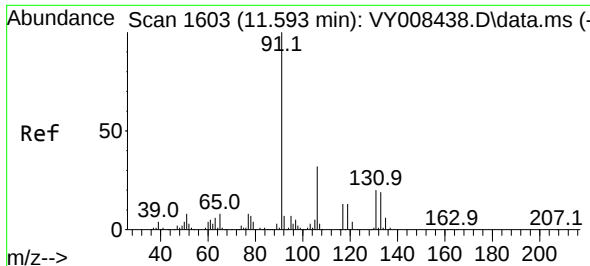
Tgt Ion:112 Resp: 195112
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 56.682 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY008554.D
Acq: 29 Apr 2022 10:06

Tgt Ion:131 Resp: 74994
Ion Ratio Lower Upper
131 100
133 94.1 47.9 143.6
119 65.5 30.8 92.3





#67

Ethyl Benzene

Concen: 54.970 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008554.D

Acq: 29 Apr 2022 10:06

Instrument :

MSVOA_Y

ClientSampleId :

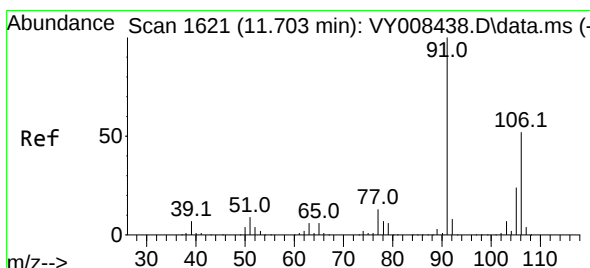
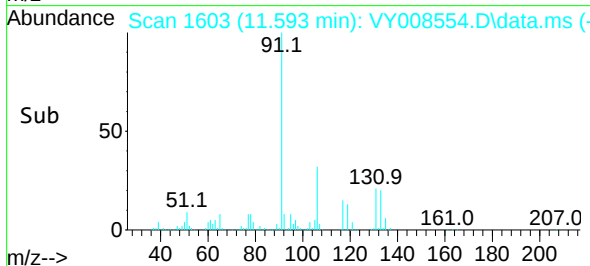
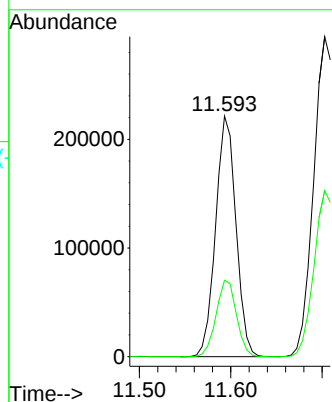
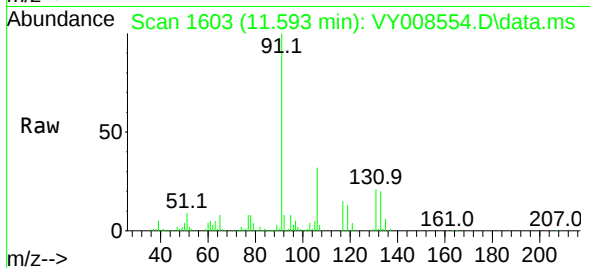
VSTDCCC050

Tgt Ion: 91 Resp: 341886

Ion Ratio Lower Upper

91 100

106 31.8 24.5 36.7



#68

m/p-Xylenes

Concen: 111.985 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY008554.D

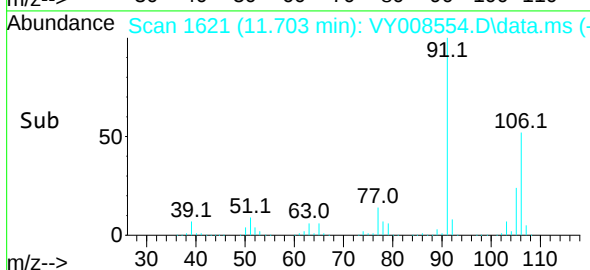
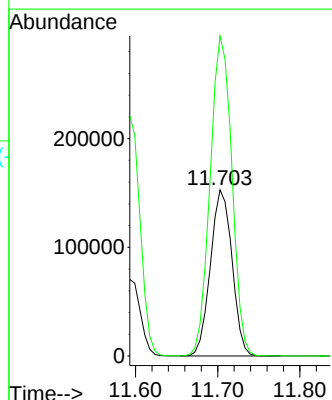
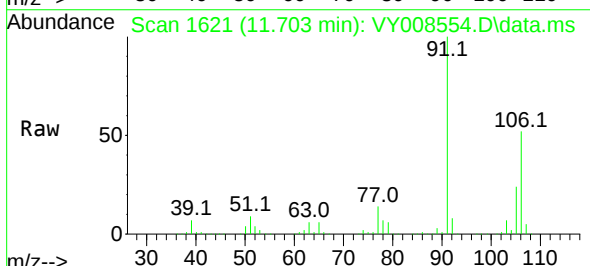
Acq: 29 Apr 2022 10:06

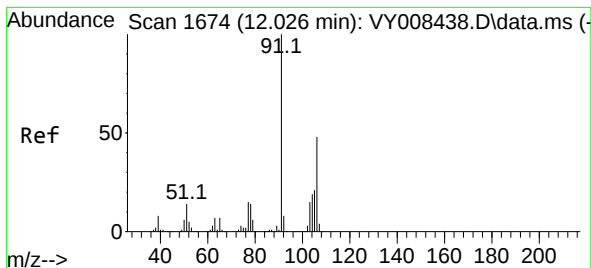
Tgt Ion:106 Resp: 278982

Ion Ratio Lower Upper

106 100

91 194.3 166.6 249.8





#69

o-Xylene

Concen: 55.482 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY008554.D

Acq: 29 Apr 2022 10:06

Instrument :

MSVOA_Y

ClientSampleId :

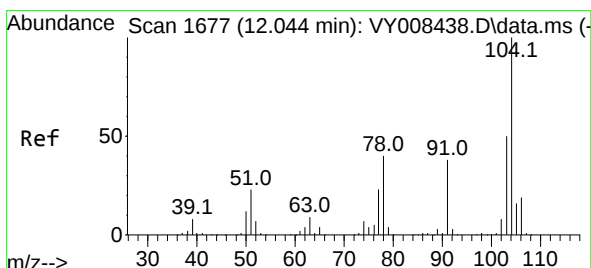
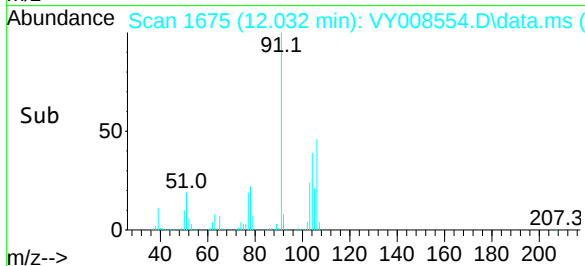
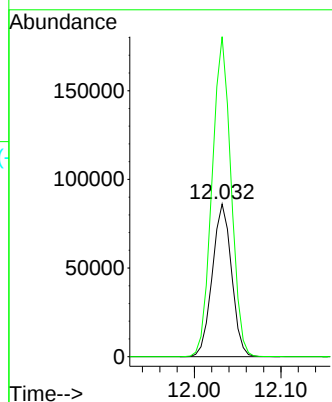
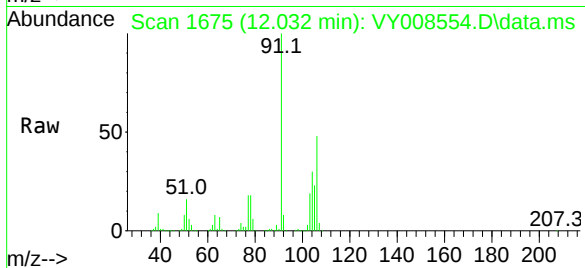
VSTDCCC050

Tgt Ion:106 Resp: 133068

Ion Ratio Lower Upper

106 100

91 206.4 110.3 331.0



#70

Styrene

Concen: 56.690 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY008554.D

Acq: 29 Apr 2022 10:06

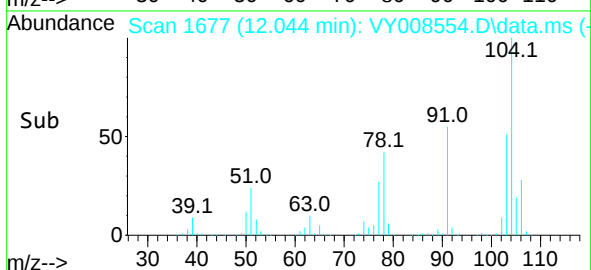
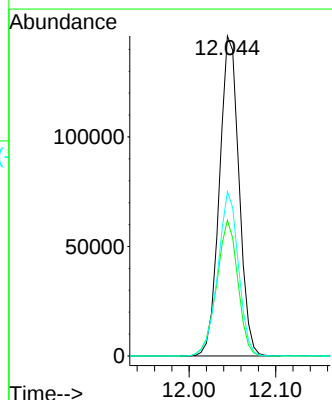
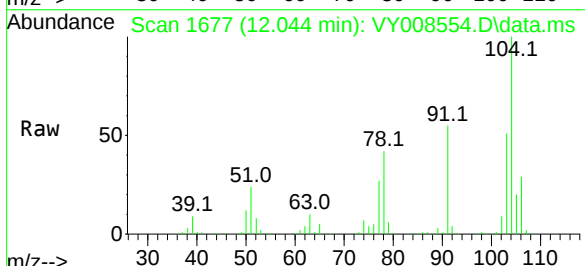
Tgt Ion:104 Resp: 229129

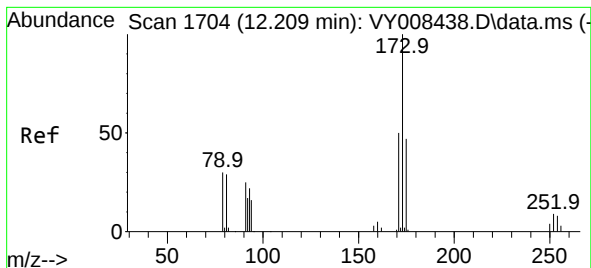
Ion Ratio Lower Upper

104 100

78 45.8 42.4 63.6

103 54.1 44.4 66.6





#71

Bromoform

Concen: 55.878 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY008554.D

Acq: 29 Apr 2022 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

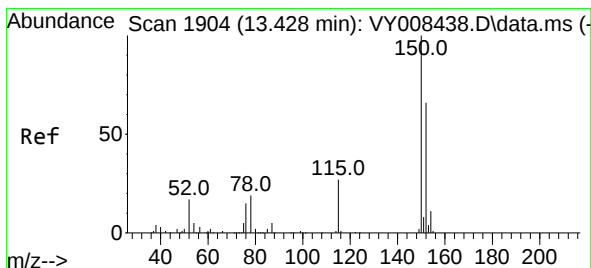
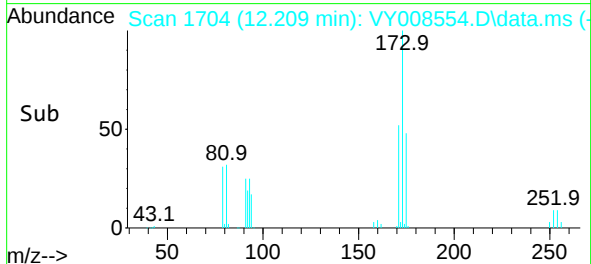
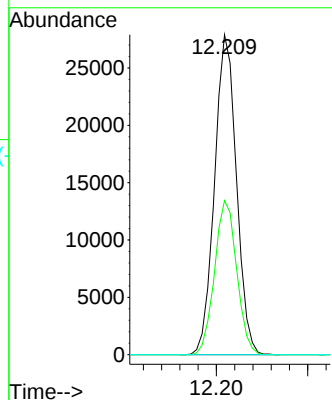
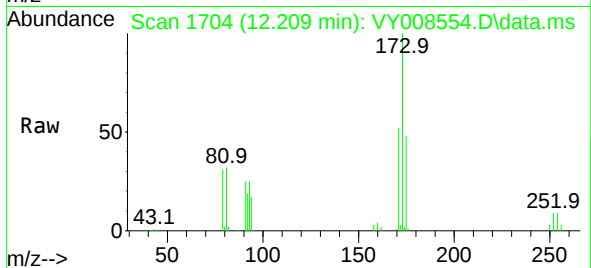
Tgt Ion:173 Resp: 46332

Ion Ratio Lower Upper

173 100

175 48.8 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: VY008554.D

Acq: 29 Apr 2022 10:06

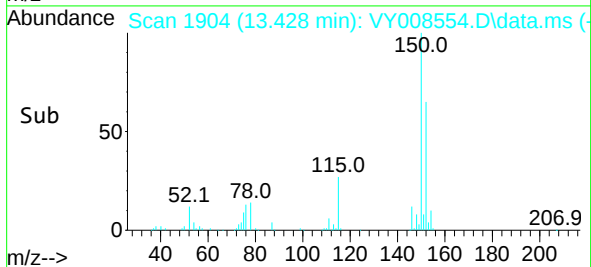
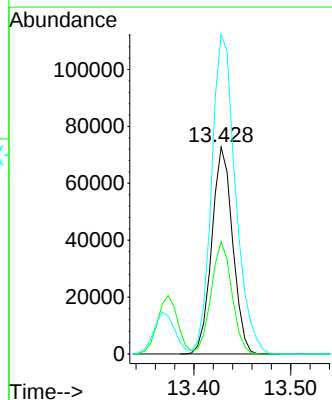
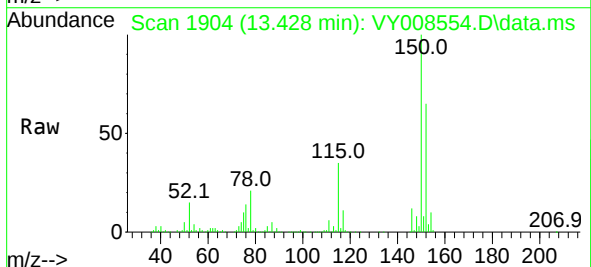
Tgt Ion:152 Resp: 108948

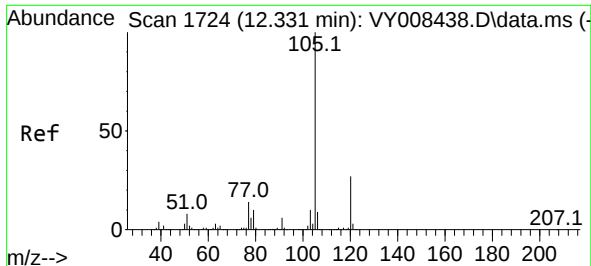
Ion Ratio Lower Upper

152 100

115 53.8 28.2 84.7

150 176.7 0.0 347.6

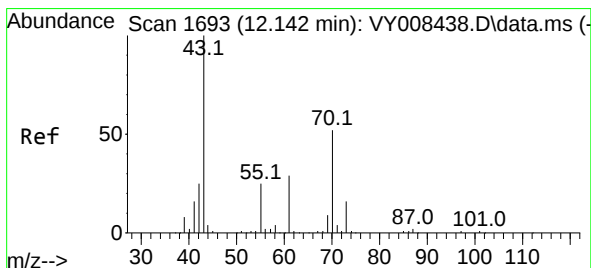
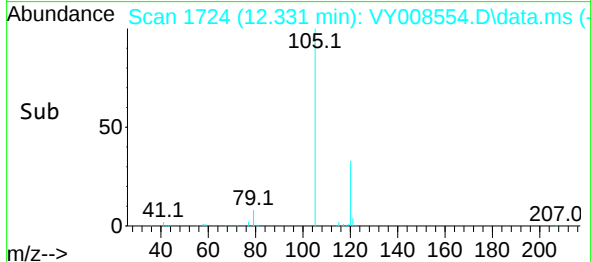
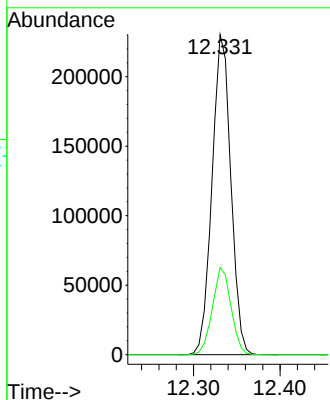
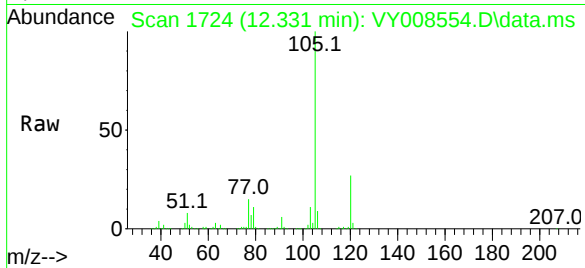




#73
Isopropylbenzene
Concen: 41.946 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008554.D
Acq: 29 Apr 2022 10:06

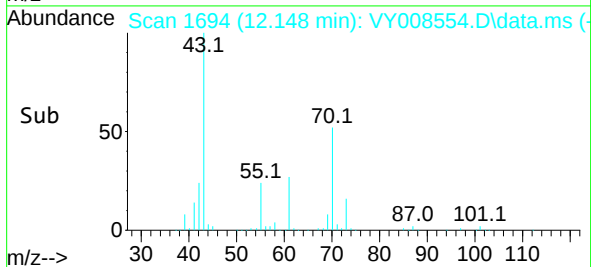
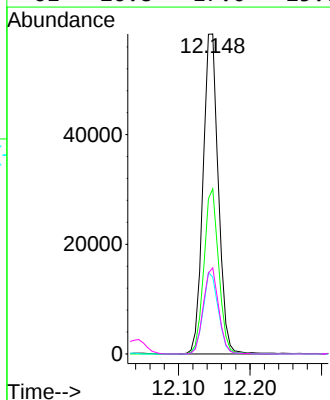
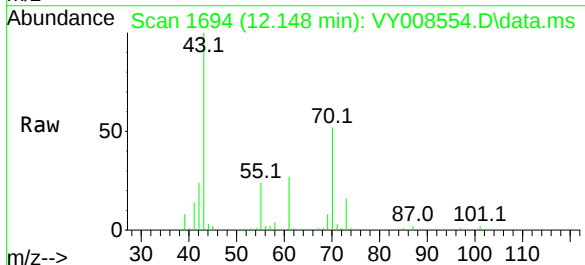
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

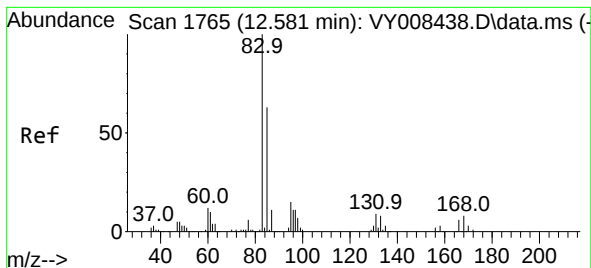
Tgt Ion:105 Resp: 346493
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2



#74
N-ethyl acetate
Concen: 42.637 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY008554.D
Acq: 29 Apr 2022 10:06

Tgt Ion: 43 Resp: 87024
Ion Ratio Lower Upper
43 100
70 49.6 28.7 43.1#
55 25.3 17.3 25.9
61 26.8 17.0 25.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 40.616 ug/l

RT: 12.587 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VY008554.D

Acq: 29 Apr 2022 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

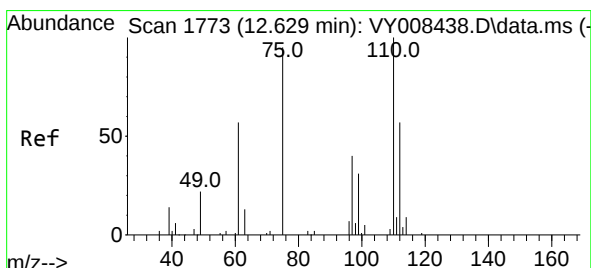
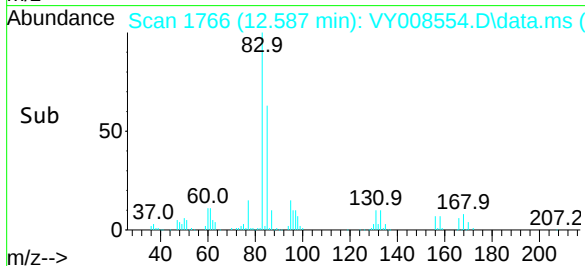
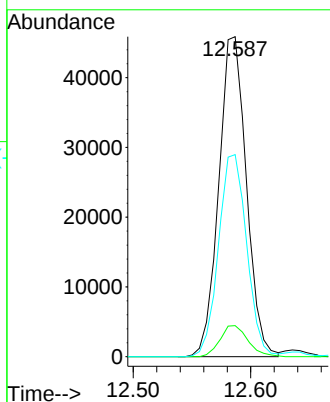
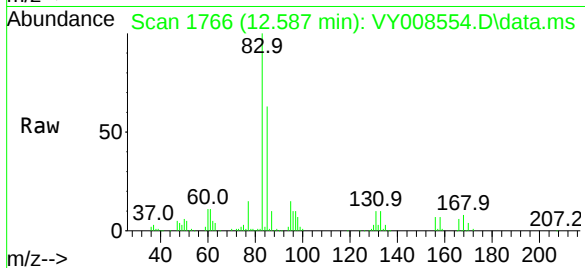
Tgt Ion: 83 Resp: 74962

Ion Ratio Lower Upper

83 100

131 9.9 5.6 16.8

85 64.4 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 66.631 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.007 min

Lab File: VY008554.D

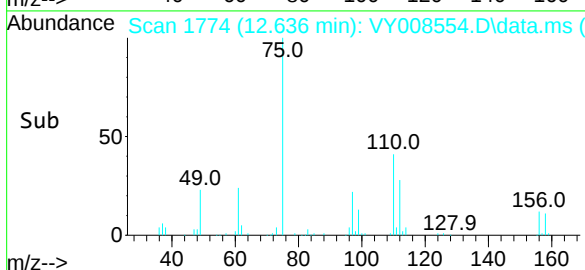
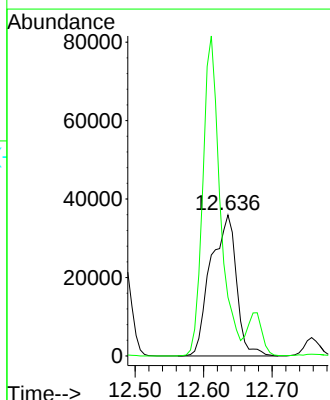
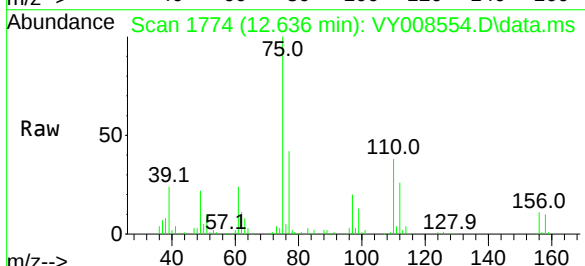
Acq: 29 Apr 2022 10:06

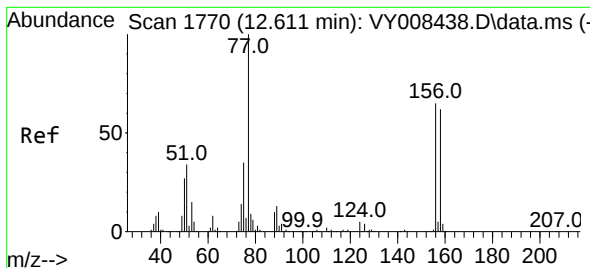
Tgt Ion: 75 Resp: 93948

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 40.031 ug/l

RT: 12.611 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008554.D

Acq: 29 Apr 2022 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

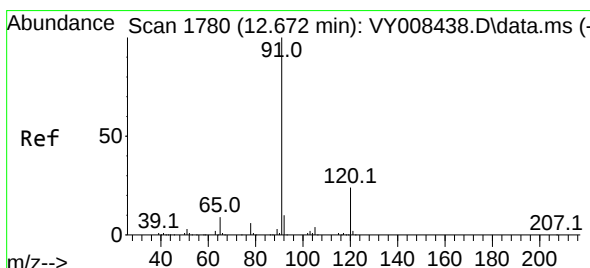
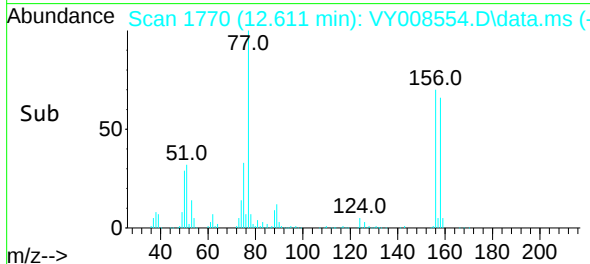
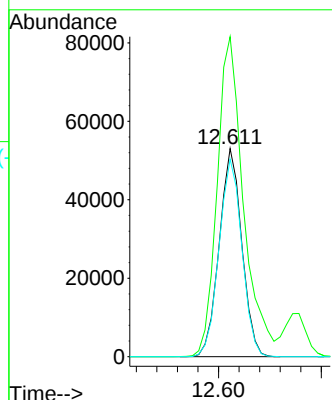
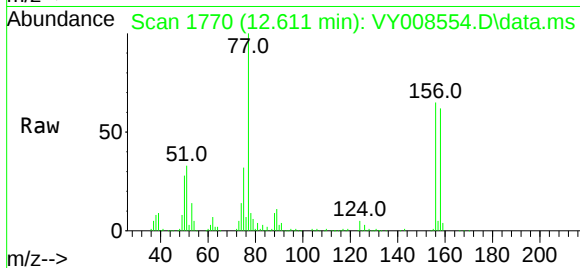
Tgt Ion:156 Resp: 80645

Ion Ratio Lower Upper

156 100

77 179.1 95.5 286.4

158 96.3 48.0 144.0



#78

n-propylbenzene

Concen: 44.706 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.006 min

Lab File: VY008554.D

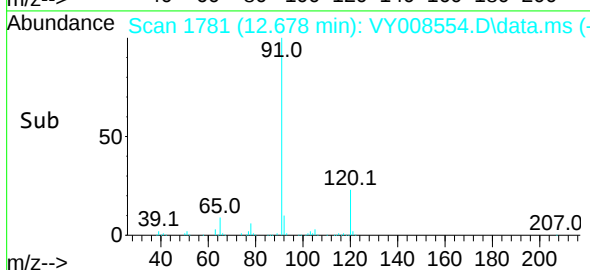
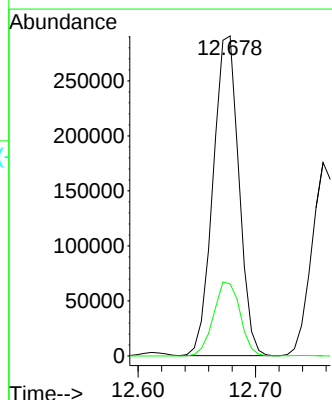
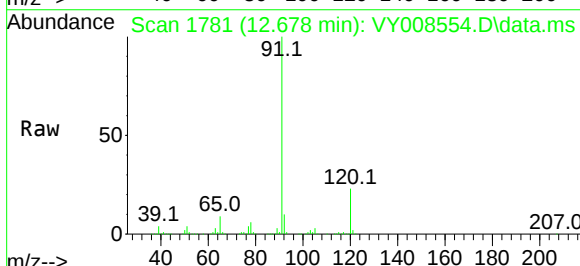
Acq: 29 Apr 2022 10:06

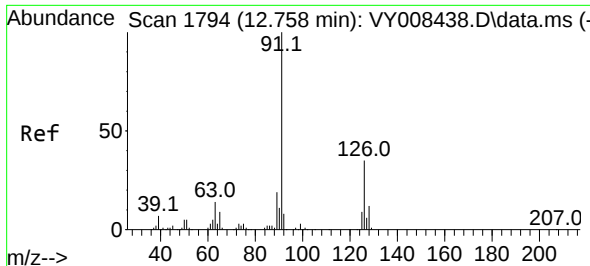
Tgt Ion: 91 Resp: 442953

Ion Ratio Lower Upper

91 100

120 23.8 11.3 33.9

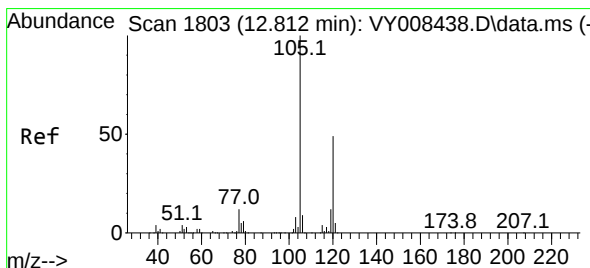
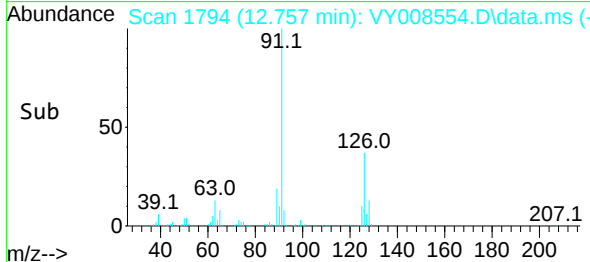
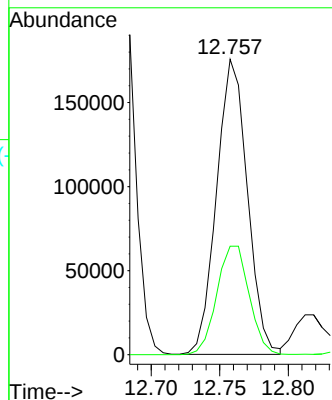
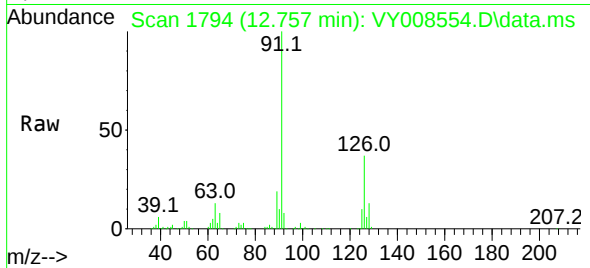




#79
2-Chlorotoluene
Concen: 49.323 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.001 min
Lab File: VY008554.D
Acq: 29 Apr 2022 10:06

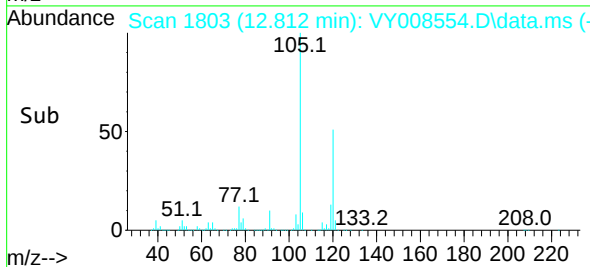
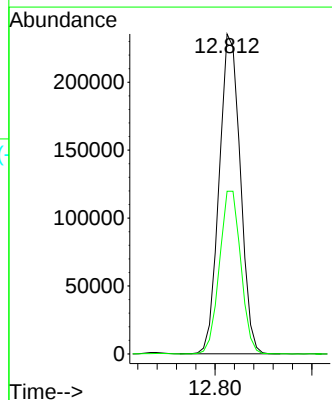
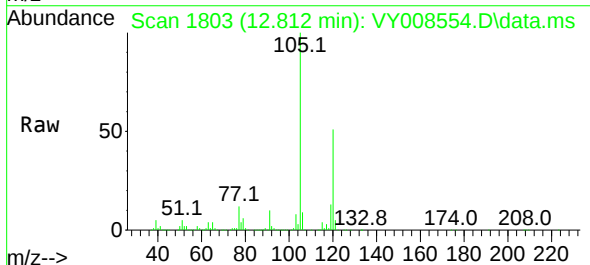
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

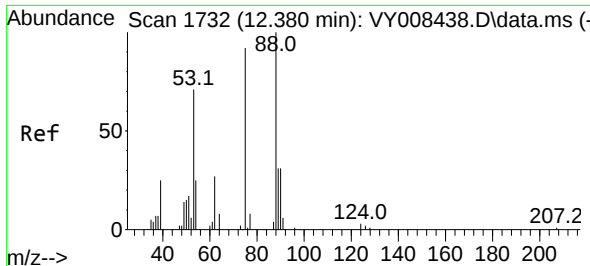
Tgt Ion: 91 Resp: 275050
Ion Ratio Lower Upper
91 100
126 38.6 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 51.989 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008554.D
Acq: 29 Apr 2022 10:06

Tgt Ion: 105 Resp: 356461
Ion Ratio Lower Upper
105 100
120 51.6 24.4 73.4

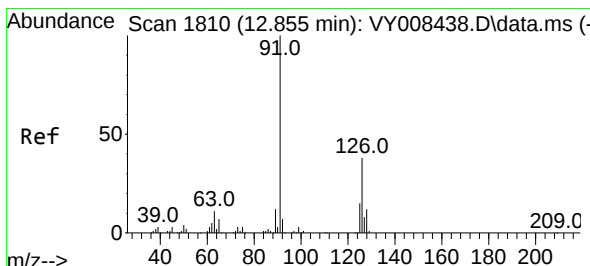
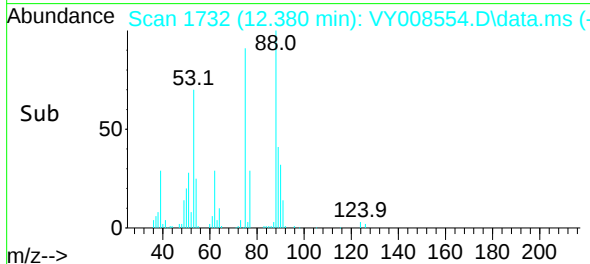
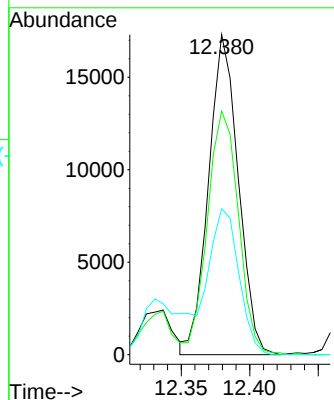
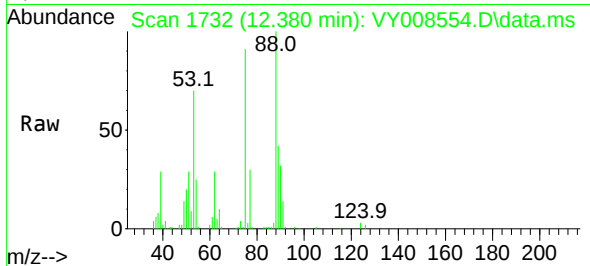




#81
 trans-1,4-Dichloro-2-butene
 Concen: 42.949 ug/l
 RT: 12.380 min Scan# 1732
 Delta R.T. -0.001 min
 Lab File: VY008554.D
 Acq: 29 Apr 2022 10:06

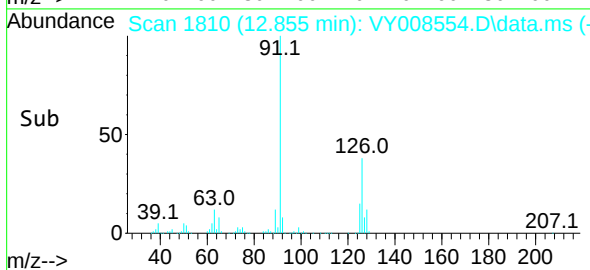
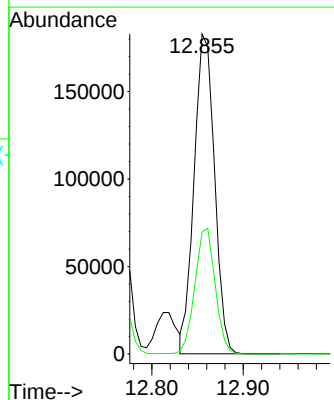
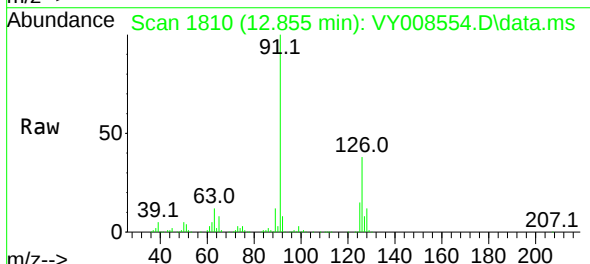
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

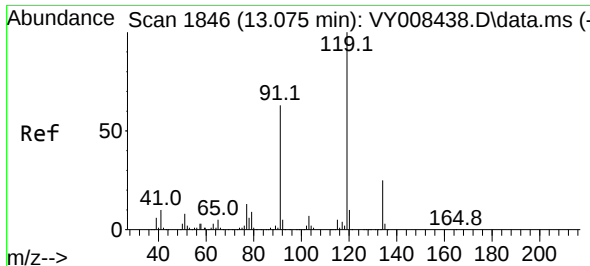
Tgt Ion: 75 Resp: 26103
 Ion Ratio Lower Upper
 75 100
 53 79.9 85.3 127.9#
 89 45.3 37.0 55.4



#82
 4-Chlorotoluene
 Concen: 49.132 ug/l
 RT: 12.855 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VY008554.D
 Acq: 29 Apr 2022 10:06

Tgt Ion: 91 Resp: 283923
 Ion Ratio Lower Upper
 91 100
 126 39.2 17.0 51.0

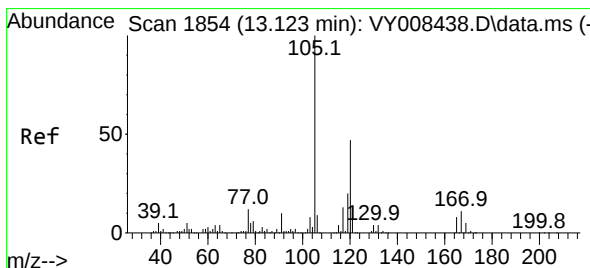
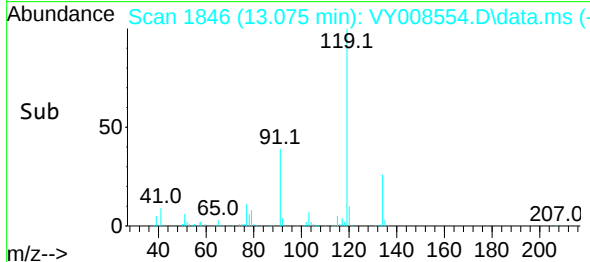
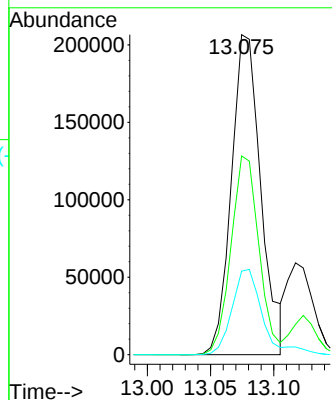
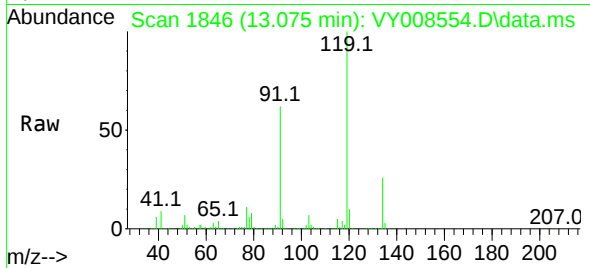




#83
tert-Butylbenzene
Concen: 56.494 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY008554.D
Acq: 29 Apr 2022 10:06

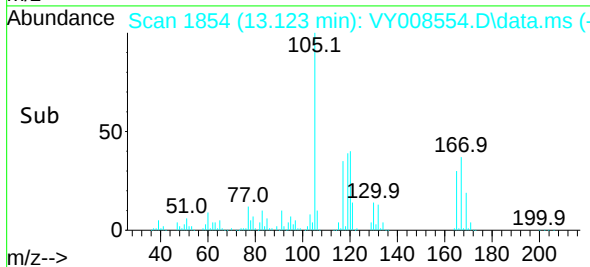
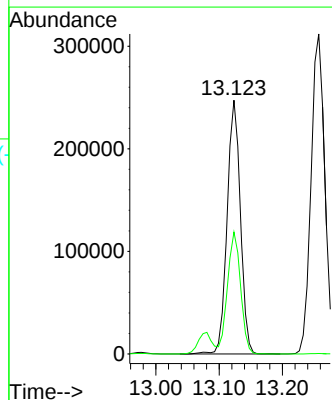
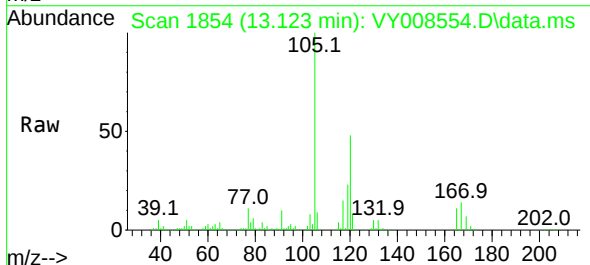
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

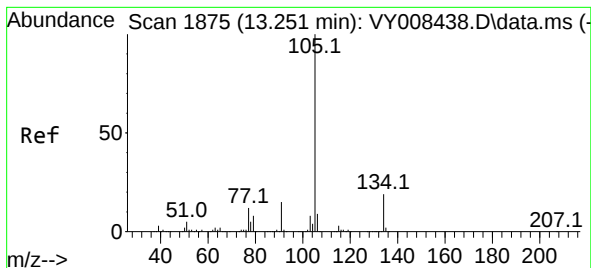
Tgt Ion:119 Resp: 336257
Ion Ratio Lower Upper
119 100
91 58.8 34.8 104.4
134 27.5 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 52.740 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY008554.D
Acq: 29 Apr 2022 10:06

Tgt Ion:105 Resp: 358793
Ion Ratio Lower Upper
105 100
120 47.2 22.3 66.9





#85

sec-Butylbenzene

Concen: 51.879 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY008554.D

Acq: 29 Apr 2022 10:06

Instrument :

MSVOA_Y

ClientSampleId :

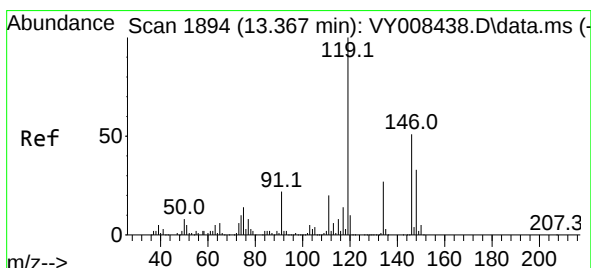
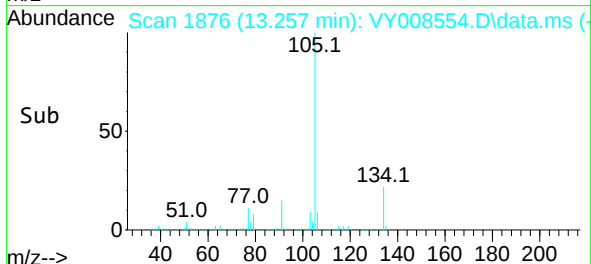
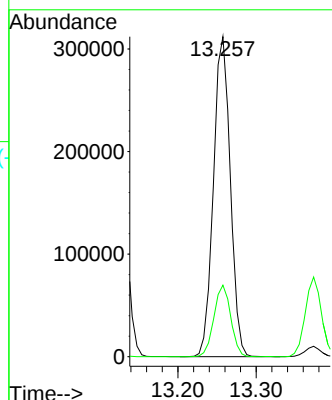
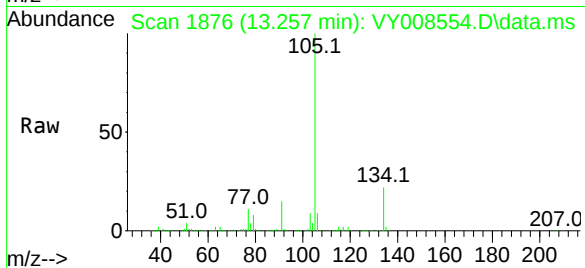
VSTDCCC050

Tgt Ion:105 Resp: 466013

Ion Ratio Lower Upper

105 100

134 22.3 10.2 30.4



#86

p-Isopropyltoluene

Concen: 53.503 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY008554.D

Acq: 29 Apr 2022 10:06

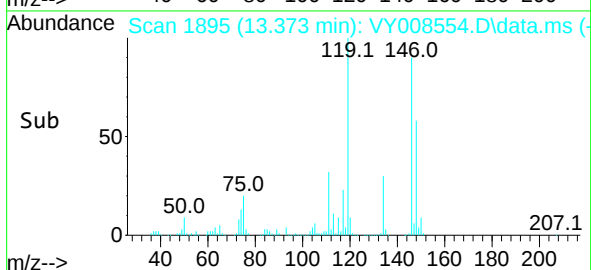
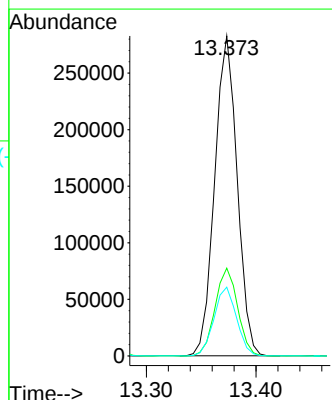
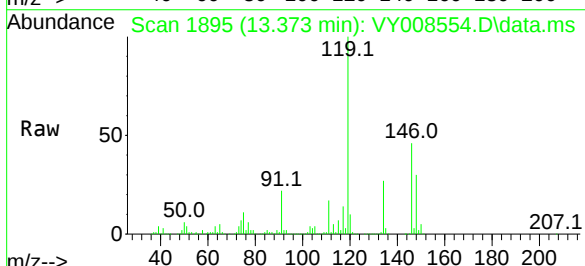
Tgt Ion:119 Resp: 402491

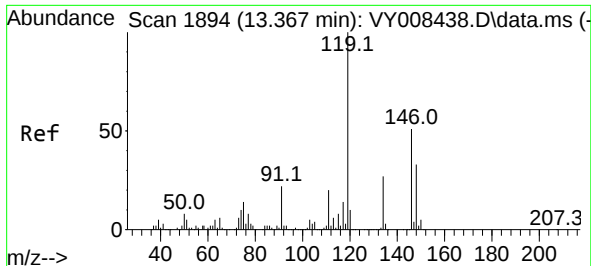
Ion Ratio Lower Upper

119 100

134 27.6 13.2 39.5

91 21.5 12.4 37.2

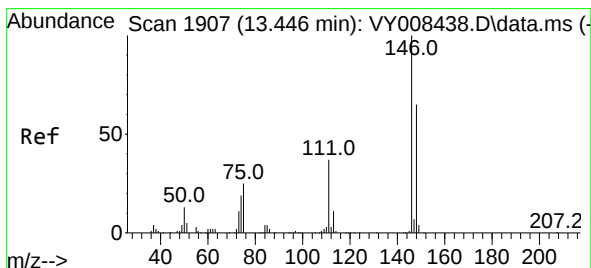
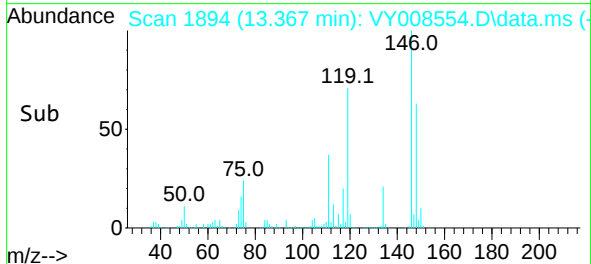
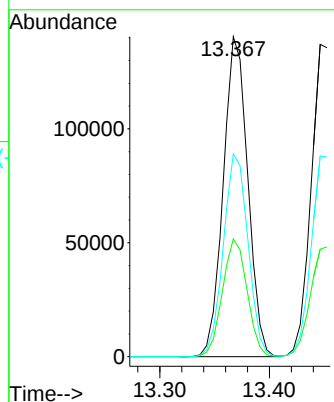
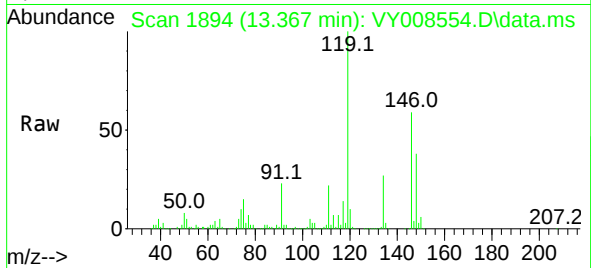




#87
 1,3-Dichlorobenzene
 Concen: 54.147 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY008554.D
 Acq: 29 Apr 2022 10:06

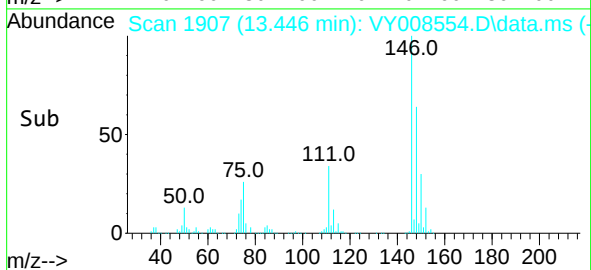
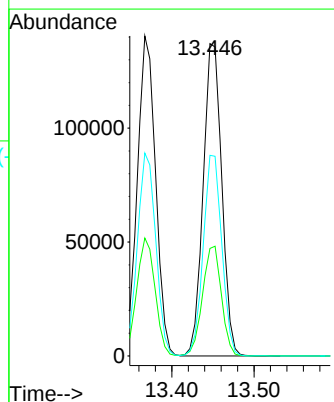
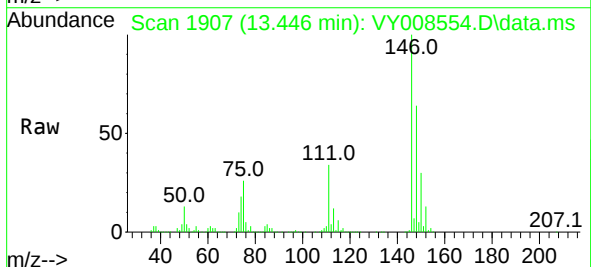
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

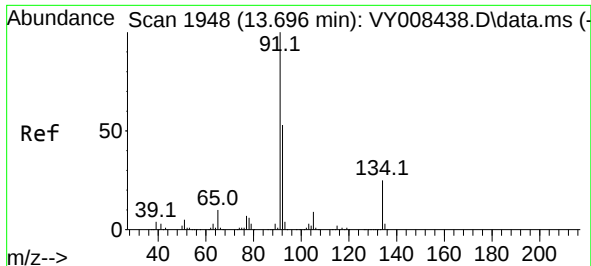
Tgt Ion:146 Resp: 218390
 Ion Ratio Lower Upper
 146 100
 111 36.9 19.5 58.5
 148 63.9 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 53.971 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY008554.D
 Acq: 29 Apr 2022 10:06

Tgt Ion:146 Resp: 215631
 Ion Ratio Lower Upper
 146 100
 111 35.7 19.3 57.8
 148 64.2 32.6 97.8





#89

n-Butylbenzene

Concen: 51.490 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY008554.D

Acq: 29 Apr 2022 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

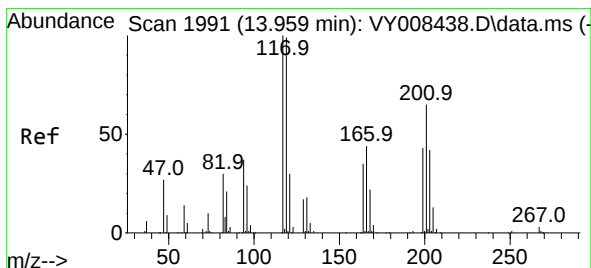
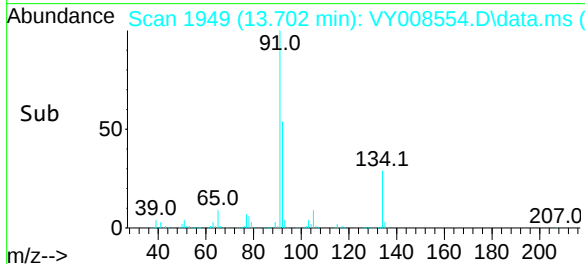
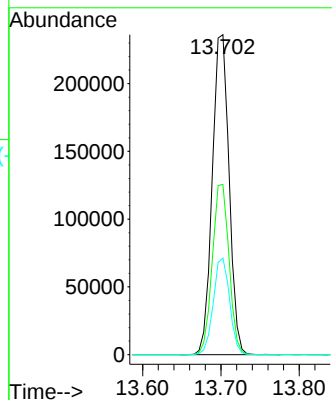
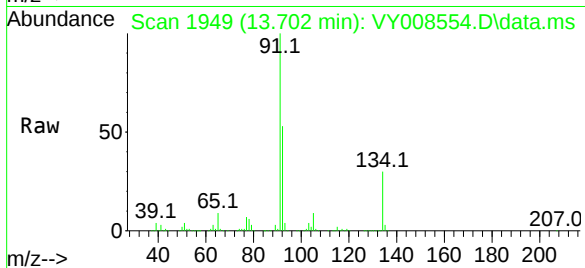
Tgt Ion: 91 Resp: 351568

Ion Ratio Lower Upper

91 100

92 53.1 26.3 78.9

134 29.3 13.0 38.9



#90

Hexachloroethane

Concen: 56.700 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY008554.D

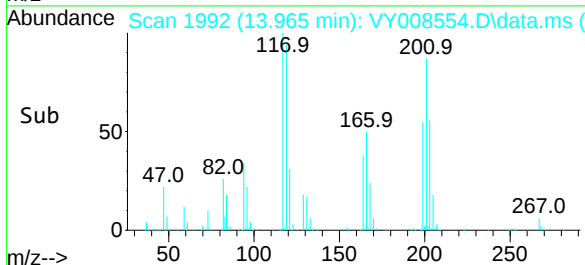
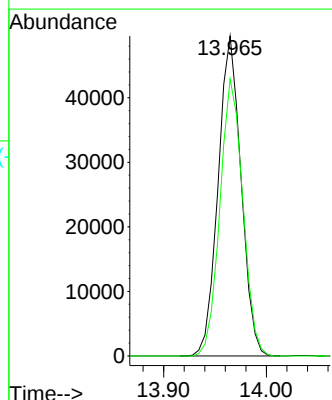
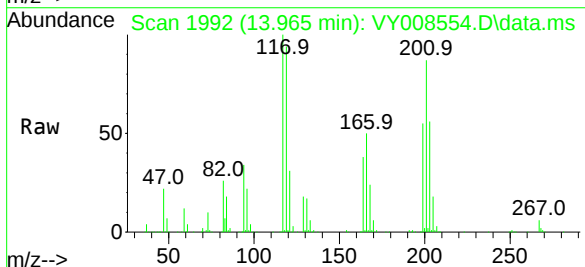
Acq: 29 Apr 2022 10:06

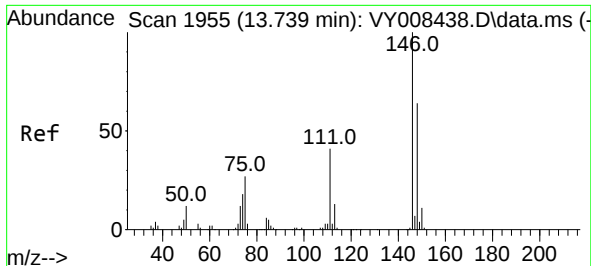
Tgt Ion: 117 Resp: 76686

Ion Ratio Lower Upper

117 100

201 86.4 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 54.972 ug/l

RT: 13.745 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY008554.D

Acq: 29 Apr 2022 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

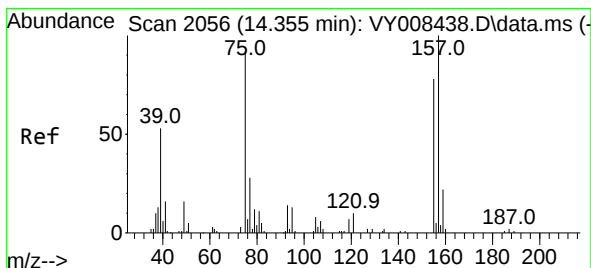
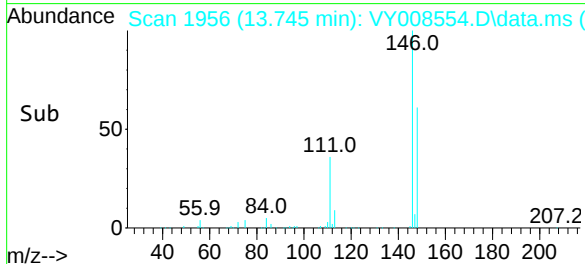
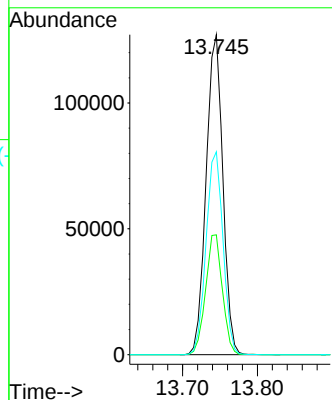
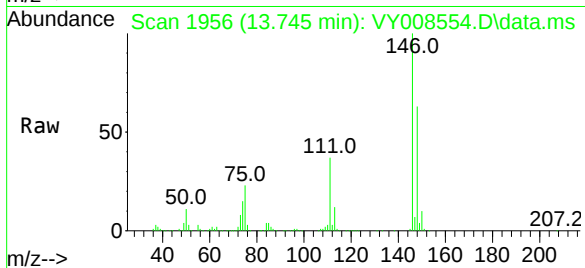
Tgt Ion:146 Resp: 197143

Ion Ratio Lower Upper

146 100

111 37.7 20.3 60.9

148 64.3 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 39.774 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY008554.D

Acq: 29 Apr 2022 10:06

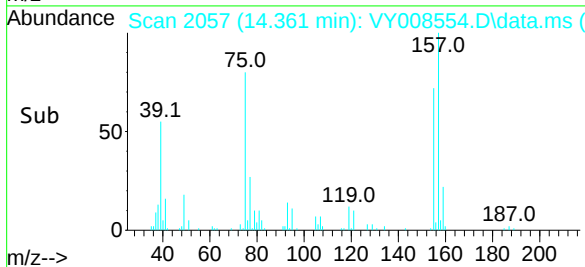
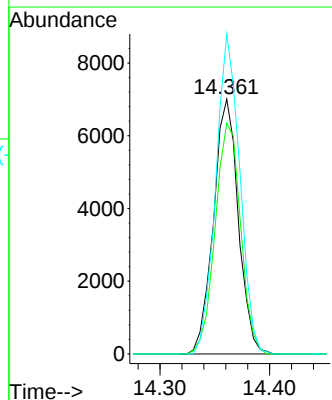
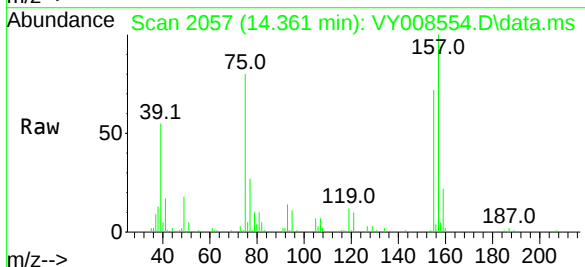
Tgt Ion: 75 Resp: 11032

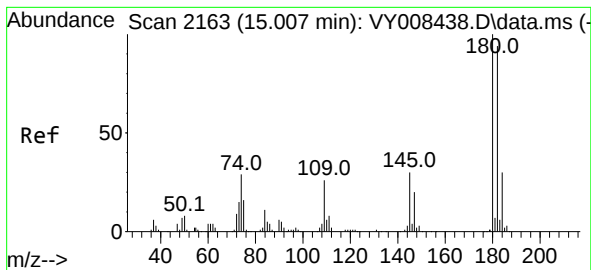
Ion Ratio Lower Upper

75 100

155 92.5 38.0 113.9

157 121.0 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 41.232 ug/l

RT: 15.013 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY008554.D

Acq: 29 Apr 2022 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

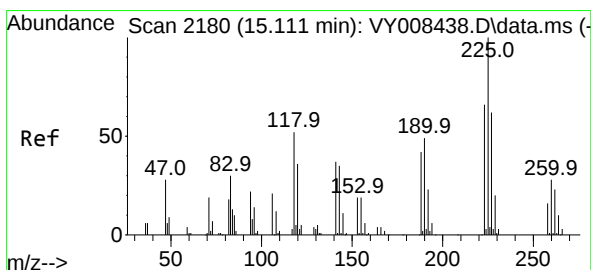
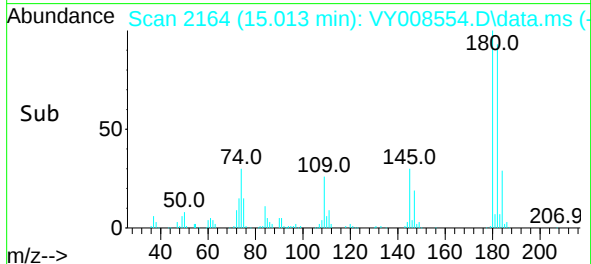
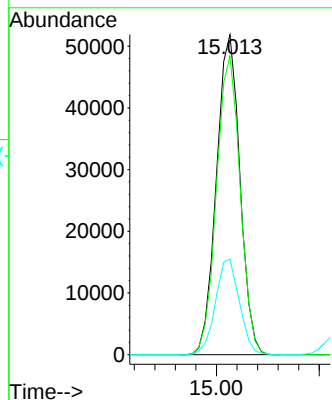
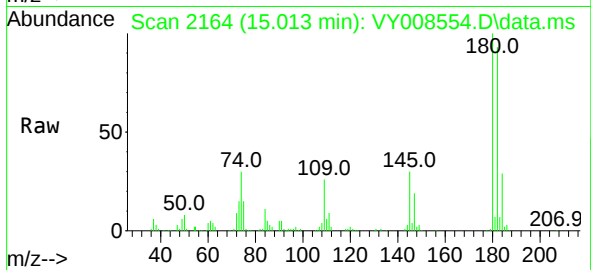
Tgt Ion:180 Resp: 82309

Ion Ratio Lower Upper

180 100

182 94.0 47.3 141.9

145 30.4 14.6 43.8



#94

Hexachlorobutadiene

Concen: 42.735 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY008554.D

Acq: 29 Apr 2022 10:06

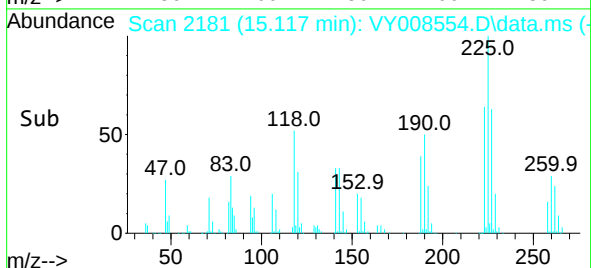
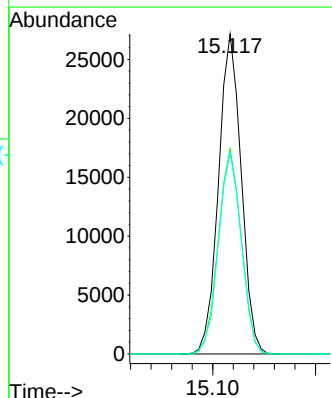
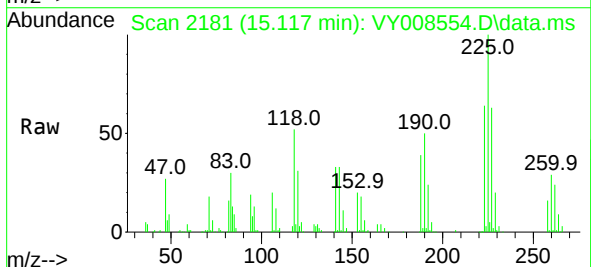
Tgt Ion:225 Resp: 41624

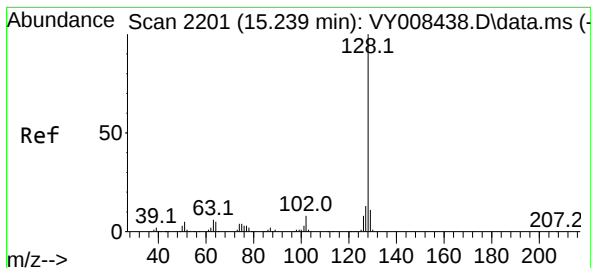
Ion Ratio Lower Upper

225 100

223 64.8 30.8 92.3

227 63.5 31.6 94.7





#95

Naphthalene

Concen: 39.394 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY008554.D

Acq: 29 Apr 2022 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

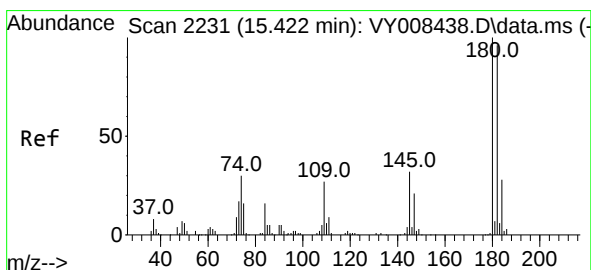
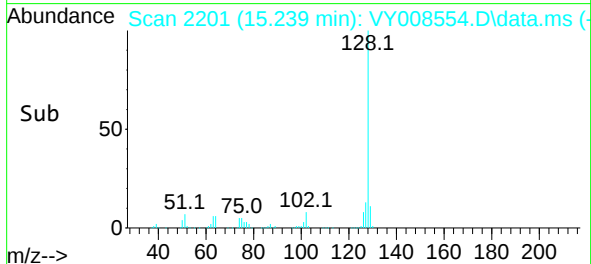
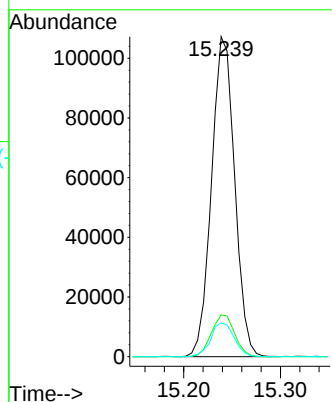
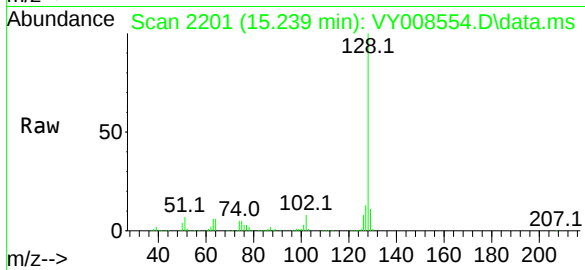
Tgt Ion:128 Resp: 178276

Ion Ratio Lower Upper

128 100

127 13.2 11.0 16.4

129 10.7 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 40.181 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY008554.D

Acq: 29 Apr 2022 10:06

Tgt Ion:180 Resp: 70206

Ion Ratio Lower Upper

180 100

182 94.7 47.3 141.9

145 32.3 15.3 45.9

