

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042822\
 Data File : VY008540.D
 Acq On : 28 Apr 2022 12:14
 Operator : KP/MD
 Sample : VY0427SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0428SBS01

Quant Time: Apr 29 01:59:34 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	7.789	168	110636	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	187852	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	174160	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85494	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	65038	49.961	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.920%
35) Dibromofluoromethane	7.721	113	62664	51.687	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.380%
50) Toluene-d8	10.178	98	231481	48.002	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.000%
62) 4-Bromofluorobenzene	12.483	95	79818	48.893	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.780%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.905	85	19928	19.835	ug/l	96
3) Chloromethane	2.113	50	31299	19.798	ug/l	96
4) Vinyl Chloride	2.253	62	41513	20.208	ug/l	99
5) Bromomethane	2.643	94	38929	20.381	ug/l	100
6) Chloroethane	2.789	64	28647	20.962	ug/l	98
7) Trichlorofluoromethane	3.125	101	45357	21.314	ug/l	89
8) Diethyl Ether	3.533	74	14405	19.668	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.899	101	27116	21.405	ug/l	94
10) Methyl Iodide	4.094	142	28055	17.932	ug/l	90
11) Tert butyl alcohol	4.948	59	16331	110.216	ug/l	100
12) 1,1-Dichloroethene	3.868	96	25055	20.950	ug/l	80
13) Acrolein	3.728	56	12231	88.250	ug/l	96
14) Allyl chloride	4.484	41	31970	20.480	ug/l #	86
15) Acrylonitrile	5.155	53	35729	95.408	ug/l	98
16) Acetone	3.948	43	27196	89.694	ug/l #	89
17) Carbon Disulfide	4.192	76	69871	19.324	ug/l	99
18) Methyl Acetate	4.478	43	17106	20.117	ug/l #	82
19) Methyl tert-butyl Ether	5.216	73	74836	19.776	ug/l #	90
20) Methylene Chloride	4.710	84	33508	17.202	ug/l #	78
21) trans-1,2-Dichloroethene	5.222	96	29616	20.300	ug/l #	81
22) Diisopropyl ether	6.118	45	74789	19.839	ug/l #	94
23) Vinyl Acetate	6.057	43	251829	97.438	ug/l #	88
24) 1,1-Dichloroethane	6.014	63	48080	20.490	ug/l	97
25) 2-Butanone	6.984	43	44017	93.836	ug/l #	78
26) 2,2-Dichloropropane	6.984	77	46491	21.392	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	34044	20.401	ug/l	84
28) Bromochloromethane	7.331	49	17777	18.781	ug/l #	76
29) Tetrahydrofuran	7.343	42	29214	96.694	ug/l #	74
30) Chloroform	7.508	83	52782	20.475	ug/l	98
31) Cyclohexane	7.782	56	42829	20.013	ug/l #	77
32) 1,1,1-Trichloroethane	7.703	97	48136	21.324	ug/l	96
36) 1,1-Dichloropropene	7.917	75	39153	20.303	ug/l	96
37) Ethyl Acetate	7.075	43	21271	19.944	ug/l #	91
38) Carbon Tetrachloride	7.898	117	42612	21.267	ug/l	95
39) Methylcyclohexane	9.185	83	53302	21.586	ug/l #	85
40) Benzene	8.160	78	115314	20.496	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.343	41	27231	52.650	ug/l #	41
42) 1,2-Dichloroethane	8.240	62	34317	20.259	ug/l	91
43) Isopropyl Acetate	8.270	43	39678	20.229	ug/l #	88
44) Trichloroethene	8.941	130	32880	21.212	ug/l	97
45) 1,2-Dichloropropane	9.215	63	28160	20.843	ug/l	93
46) Dibromomethane	9.307	93	18674	19.728	ug/l	95
47) Bromodichloromethane	9.496	83	41530	20.668	ug/l	98
48) Methyl methacrylate	9.294	41	17178	20.597	ug/l #	80
49) 1,4-Dioxane	9.294	88	4848	406.164	ug/l #	73
51) 4-Methyl-2-Pentanone	10.069	43	104208	100.991	ug/l #	86
52) Toluene	10.245	92	76036	20.436	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	43415	20.148	ug/l	97
54) cis-1,3-Dichloropropene	9.928	75	48912	20.483	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	25947	20.084	ug/l	95
56) Ethyl methacrylate	10.508	69	33460	20.059	ug/l #	78
57) 1,3-Dichloropropane	10.794	76	42993	20.386	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	82480	90.220	ug/l	91
59) 2-Hexanone	10.831	43	71194	100.263	ug/l	83
60) Dibromochloromethane	10.983	129	30392	20.476	ug/l	99
61) 1,2-Dibromoethane	11.087	107	25341	19.832	ug/l	100
64) Tetrachloroethene	10.721	164	28821	22.315	ug/l	98
65) Chlorobenzene	11.520	112	83823	21.286	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	31085	21.381	ug/l	96
67) Ethyl Benzene	11.593	91	147429	21.572	ug/l	97
68) m/p-Xylenes	11.702	106	115879	42.329	ug/l	93
69) o-Xylene	12.032	106	55231	20.956	ug/l	93
70) Styrene	12.044	104	92521	20.831	ug/l	94
71) Bromoform	12.208	173	18069	19.831	ug/l #	100
73) Isopropylbenzene	12.330	105	144956	22.363	ug/l	99
74) N-amyl acetate	12.147	43	34968	21.833	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.580	83	30517	21.071	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	38752	35.024	ug/l #	100
77) Bromobenzene	12.611	156	34382	21.749	ug/l	93
78) n-propylbenzene	12.672	91	175637	22.590	ug/l	98
79) 2-Chlorotoluene	12.757	91	96447	22.040	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	118072	21.945	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	9955	20.873	ug/l	85
82) 4-Chlorotoluene	12.855	91	99556	21.954	ug/l	96
83) tert-Butylbenzene	13.074	119	106666	22.837	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	116750	21.869	ug/l	96
85) sec-Butylbenzene	13.257	105	161676	22.936	ug/l	100
86) p-Isopropyltoluene	13.373	119	132462	22.439	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	68270	21.570	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	67806	21.627	ug/l	97
89) n-Butylbenzene	13.696	91	125027	23.335	ug/l	99
90) Hexachloroethane	13.964	117	24554	23.135	ug/l	82
91) 1,2-Dichlorobenzene	13.739	146	59815	21.255	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4562	20.960	ug/l	82
93) 1,2,4-Trichlorobenzene	15.007	180	34386	21.951	ug/l	99
94) Hexachlorobutadiene	15.116	225	17516	22.917	ug/l	98
95) Naphthalene	15.238	128	75345	21.217	ug/l	98
96) 1,2,3-Trichlorobenzene	15.427	180	30103	21.955	ug/l	99

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ALS Vial : 6 Sample Multiplier: 1

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MSVOA_Y
ClientSampleId :
VY0428SBSD01

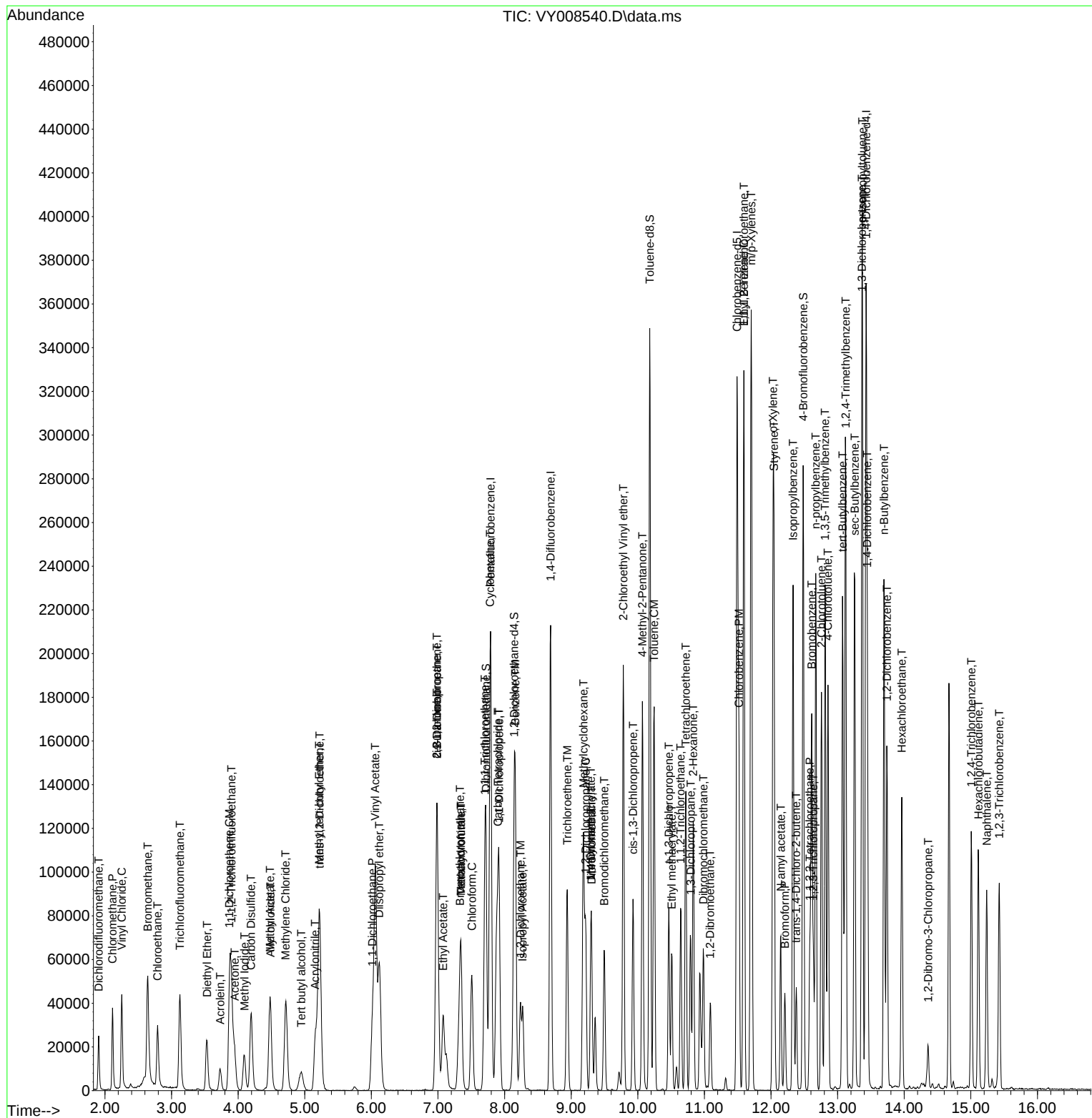
Quant Time: Apr 29 01:59:34 2022
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QLast Update : Thu Apr 21 14:28:40 2022
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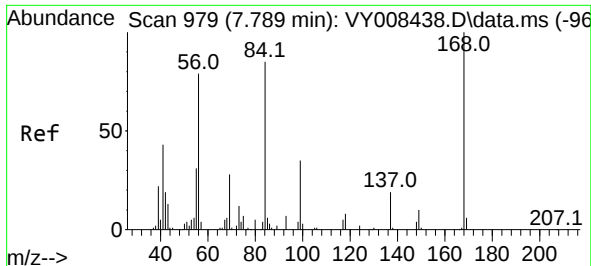
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBSD01

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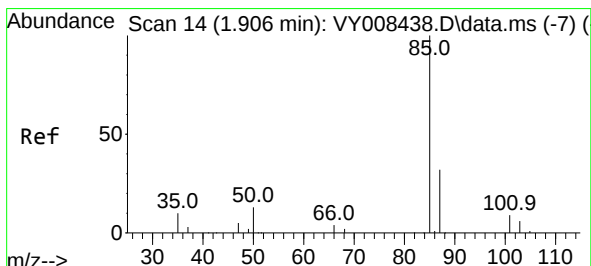
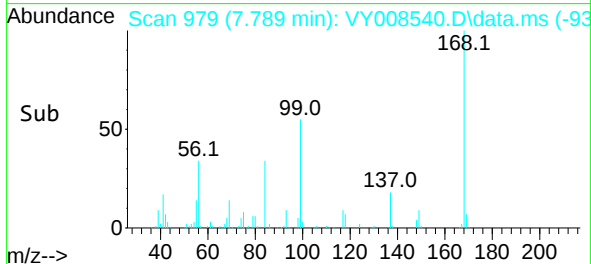
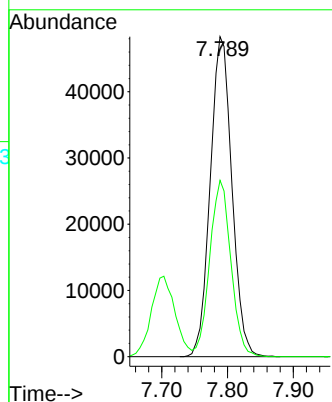
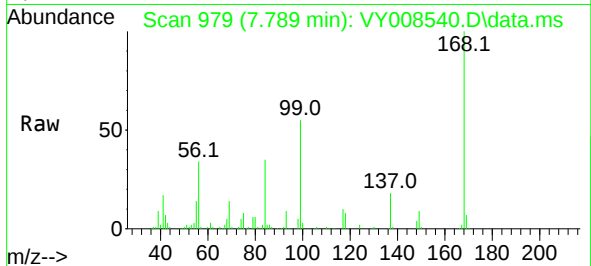




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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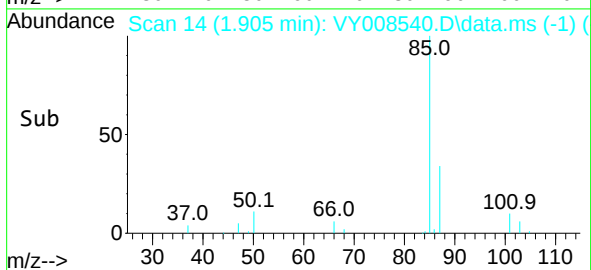
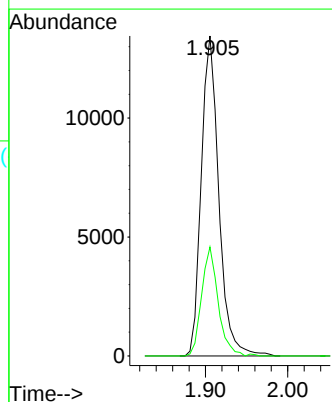
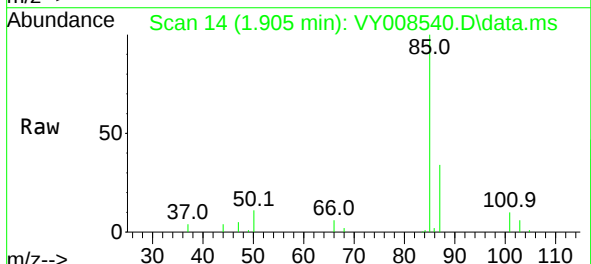
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBS01

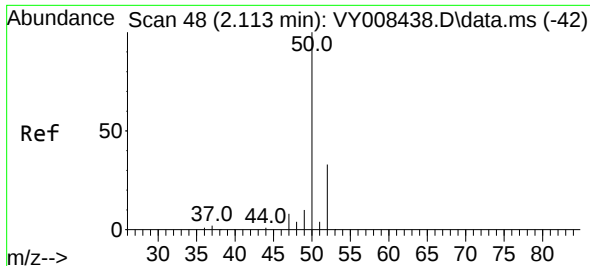
Tgt Ion:168 Resp: 110636
Ion Ratio Lower Upper
168 100
99 55.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 19.835 ug/l
RT: 1.905 min Scan# 14
Delta R.T. -0.001 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

Tgt Ion: 85 Resp: 19928
Ion Ratio Lower Upper
85 100
87 34.1 16.1 48.2

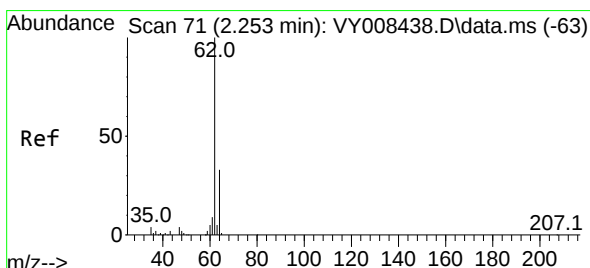
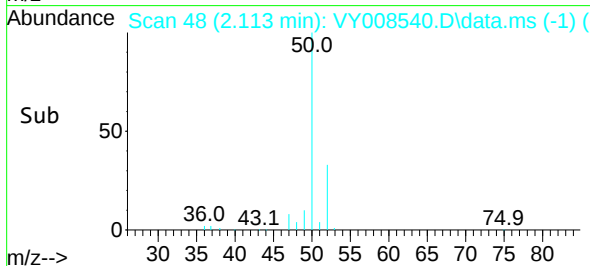
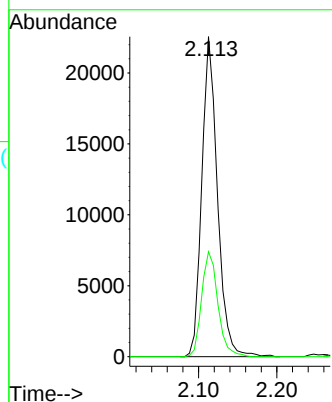
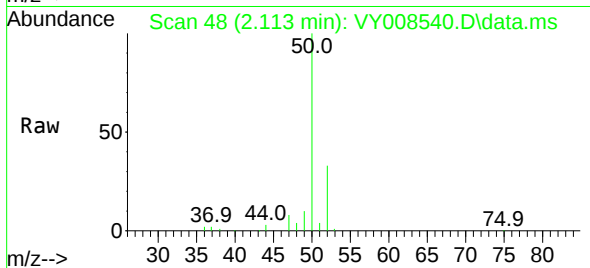




#3
Chloromethane
Concen: 19.798 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

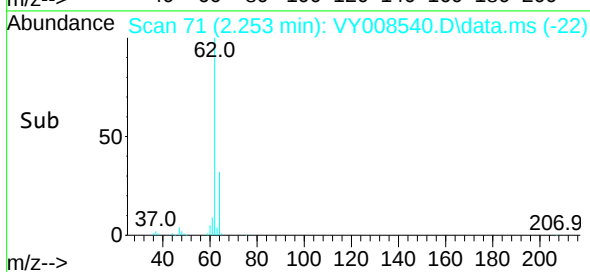
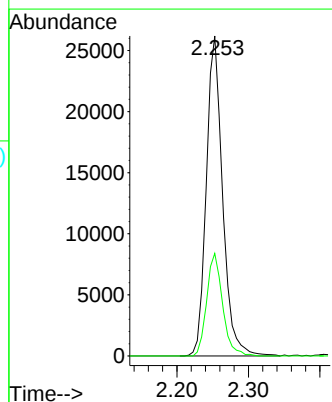
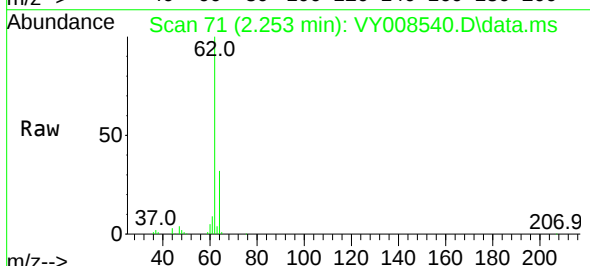
Instrument :
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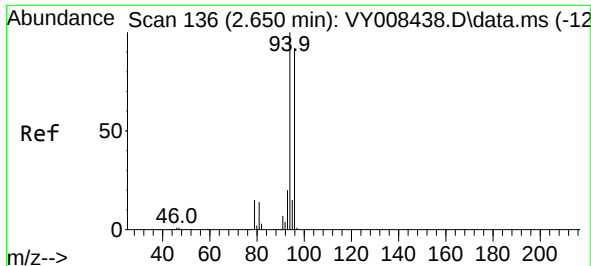
Tgt Ion: 50 Resp: 31299
Ion Ratio Lower Upper
50 100
52 32.8 24.6 37.0



#4
Vinyl Chloride
Concen: 20.208 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

Tgt Ion: 62 Resp: 41513
Ion Ratio Lower Upper
62 100
64 32.0 25.0 37.6

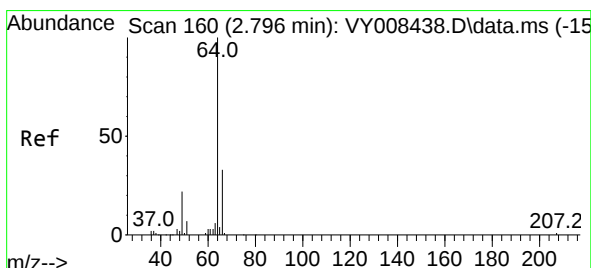
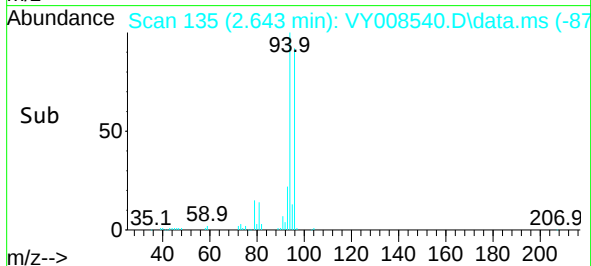
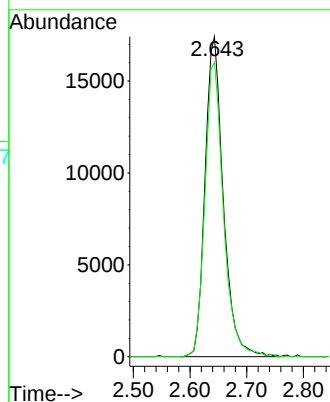
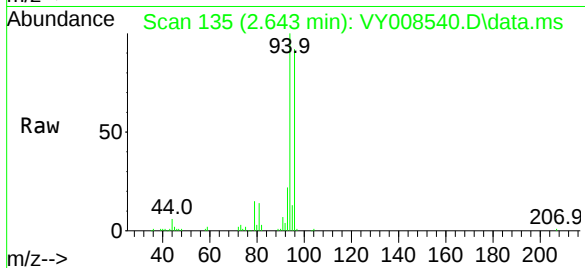




#5
Bromomethane
Concen: 20.381 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

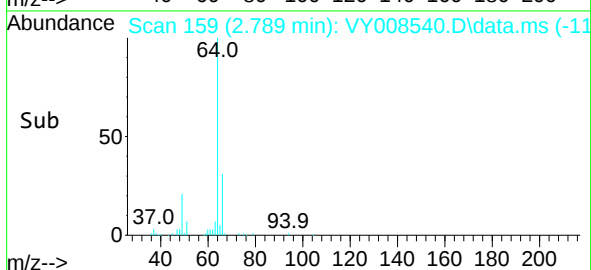
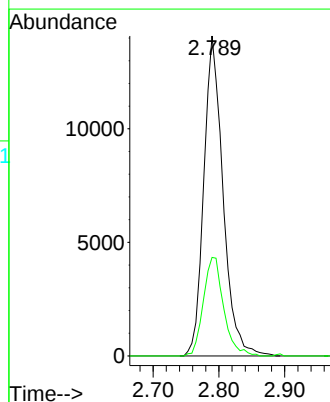
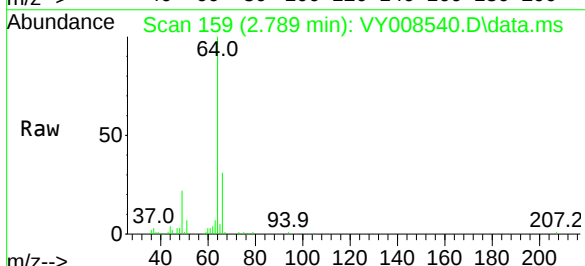
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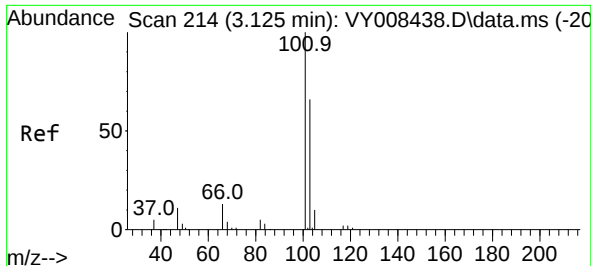
Tgt Ion: 94 Resp: 38929
Ion Ratio Lower Upper
94 100
96 92.0 73.5 110.3



#6
Chloroethane
Concen: 20.962 ug/l
RT: 2.789 min Scan# 159
Delta R.T. -0.007 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

Tgt Ion: 64 Resp: 28647
Ion Ratio Lower Upper
64 100
66 30.8 25.4 38.0

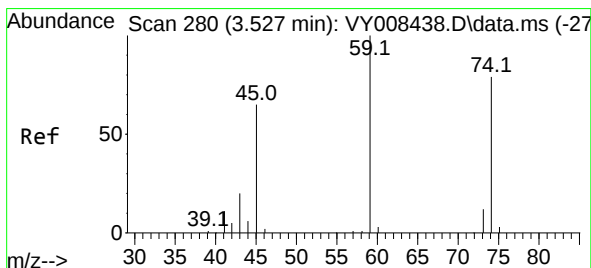
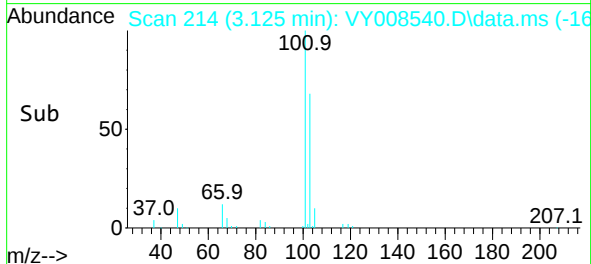
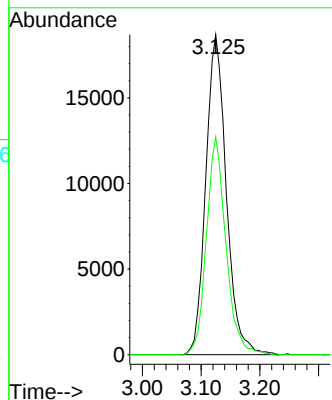
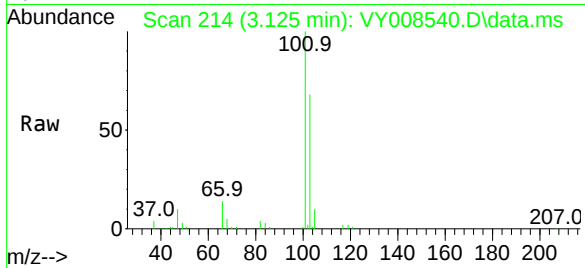




#7
Trichlorofluoromethane
Concen: 21.314 ug/l
RT: 3.125 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

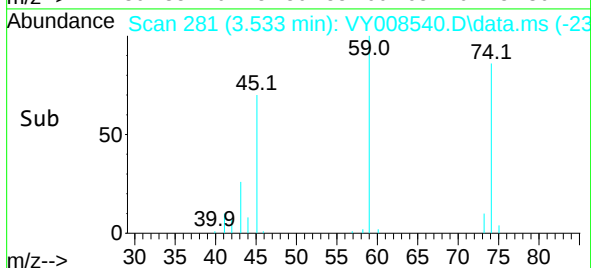
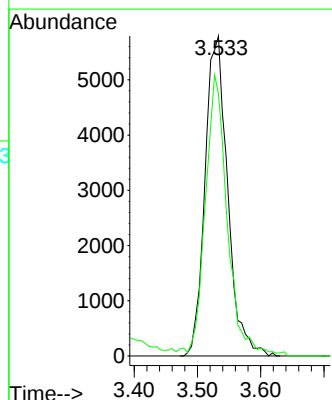
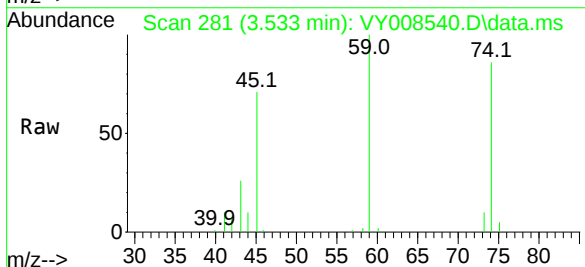
Instrument :
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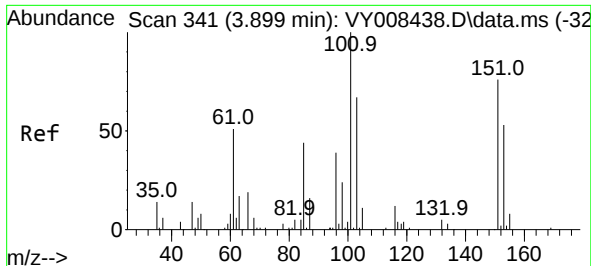
Tgt Ion:101 Resp: 45357
Ion Ratio Lower Upper
101 100
103 68.0 48.0 72.0



#8
Diethyl Ether
Concen: 19.668 ug/l
RT: 3.533 min Scan# 281
Delta R.T. 0.006 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

Tgt Ion: 74 Resp: 14405
Ion Ratio Lower Upper
74 100
45 85.8 55.1 165.5

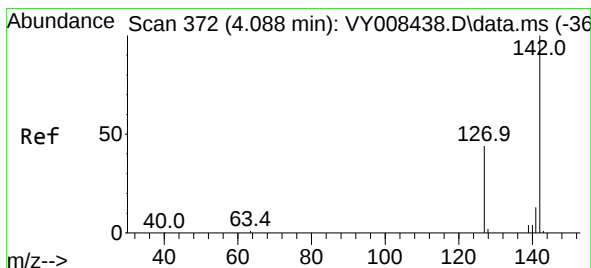
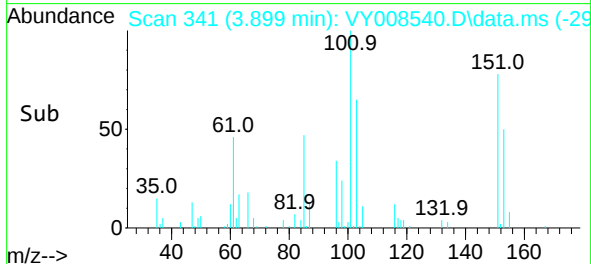
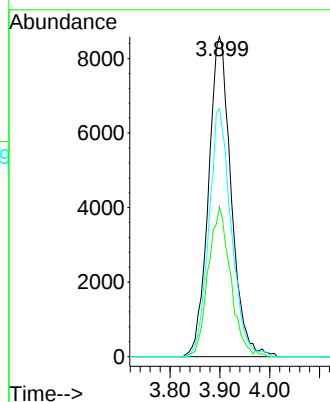
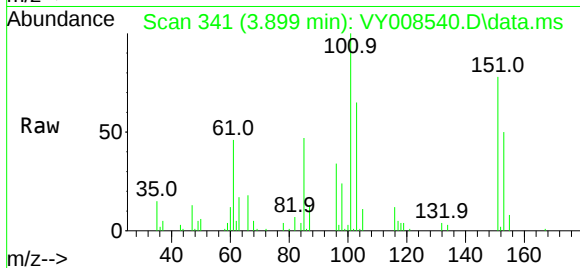




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.405 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

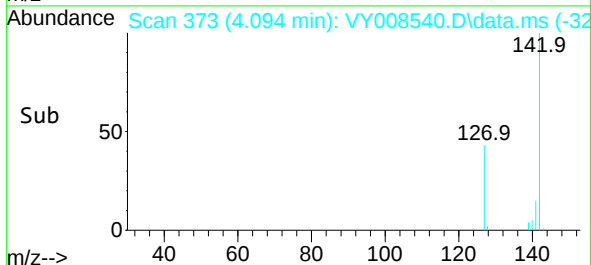
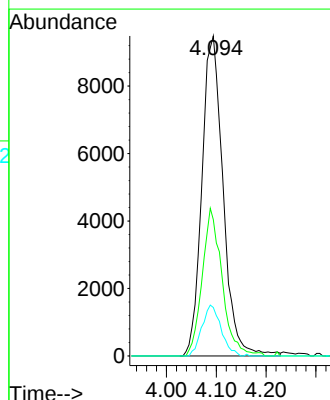
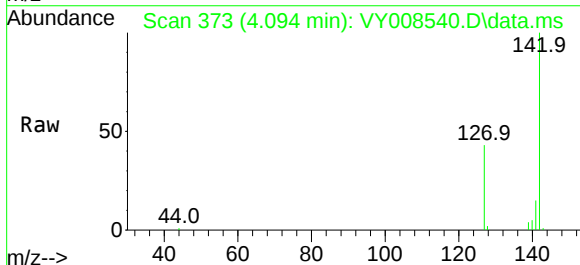
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBS01

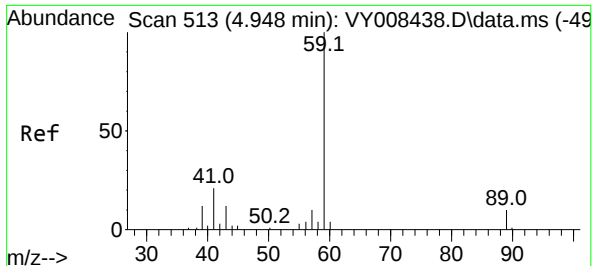
Tgt Ion:101 Resp: 27116
Ion Ratio Lower Upper
101 100
85 46.2 40.6 60.8
151 76.4 64.9 97.3



#10
Methyl Iodide
Concen: 17.932 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

Tgt Ion:142 Resp: 28055
Ion Ratio Lower Upper
142 100
127 43.4 41.5 62.3
141 14.3 11.9 17.9

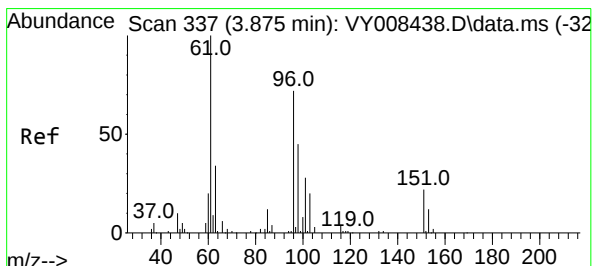
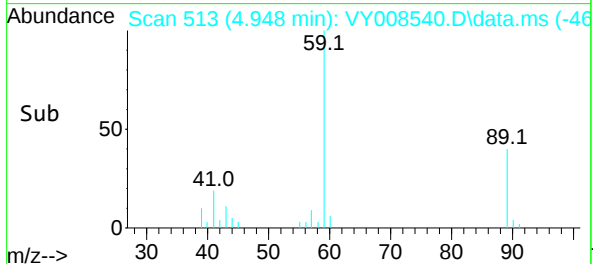
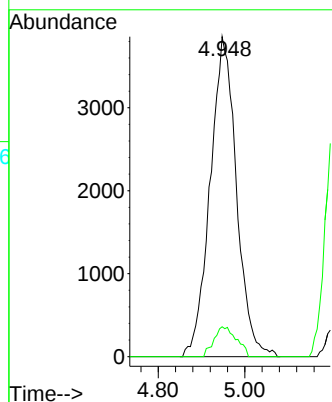
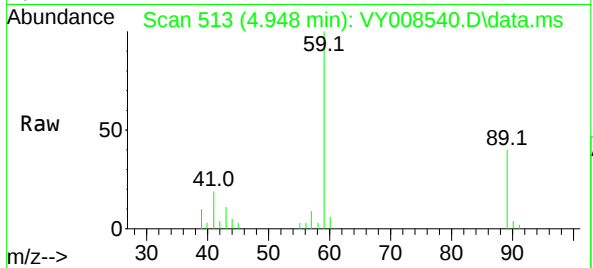




#11
Tert butyl alcohol
Concen: 110.216 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

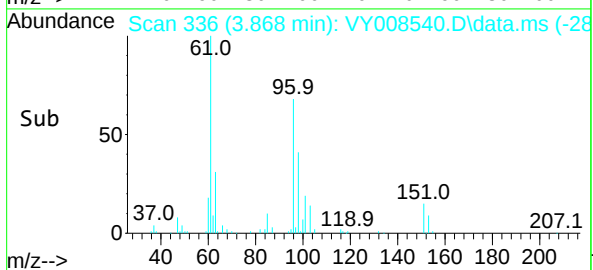
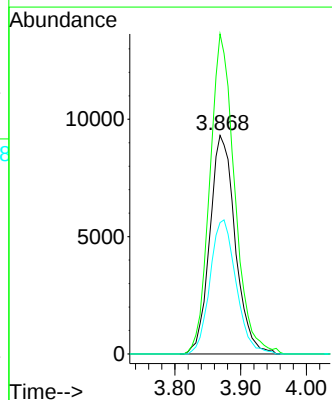
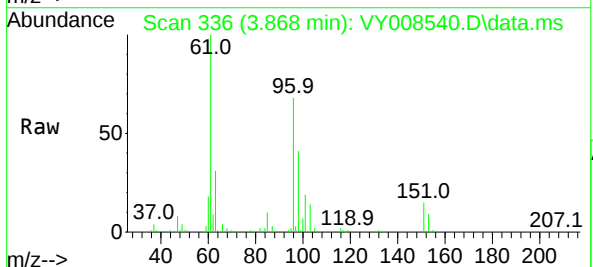
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBSD01

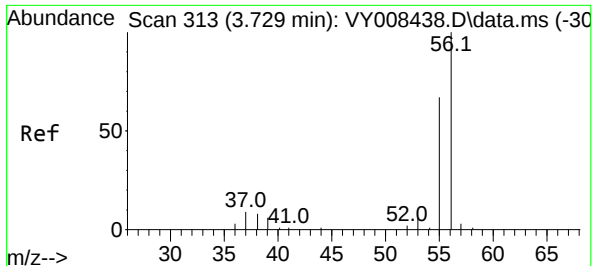
Tgt Ion: 59 Resp: 16331
Ion Ratio Lower Upper
59 100
57 7.9 6.4 9.6



#12
1,1-Dichloroethene
Concen: 20.950 ug/l
RT: 3.868 min Scan# 336
Delta R.T. -0.007 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

Tgt Ion: 96 Resp: 25055
Ion Ratio Lower Upper
96 100
61 146.4 145.8 218.6
98 60.1 52.5 78.7

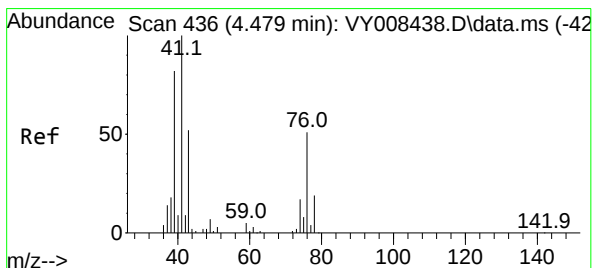
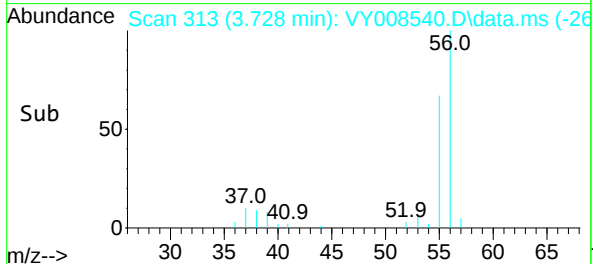
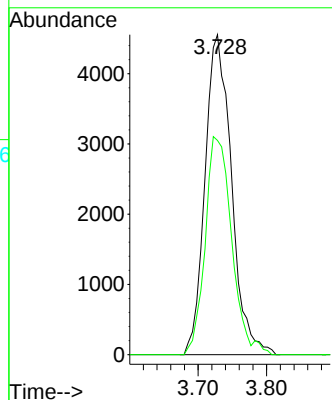
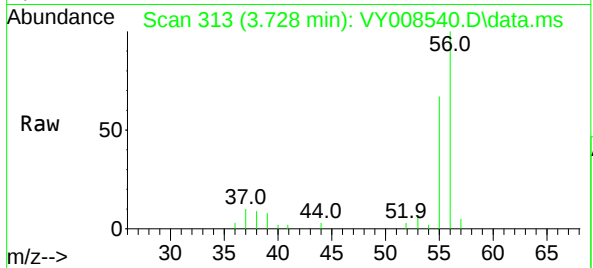




#13
Acrolein
Concen: 88.250 ug/l
RT: 3.728 min Scan# 313
Delta R.T. -0.001 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

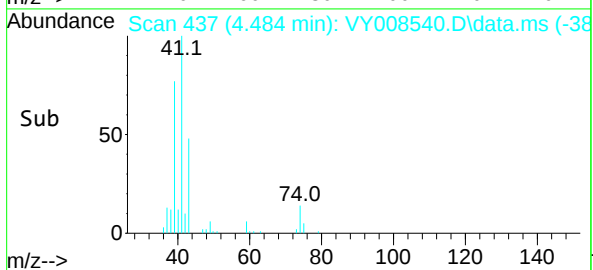
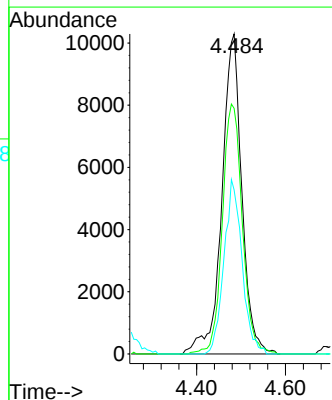
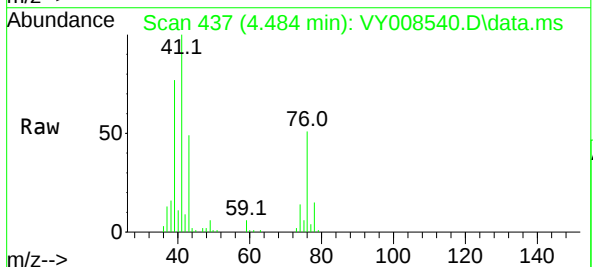
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBS01

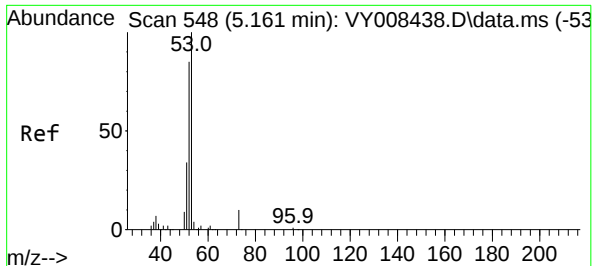
Tgt Ion: 56 Resp: 12231
Ion Ratio Lower Upper
56 100
55 68.4 57.6 86.4



#14
Allyl chloride
Concen: 20.480 ug/l
RT: 4.484 min Scan# 437
Delta R.T. 0.005 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

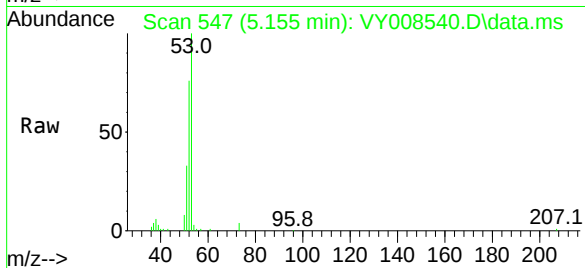
Tgt Ion: 41 Resp: 31970
Ion Ratio Lower Upper
41 100
39 78.3 58.8 88.2
76 49.4 25.1 37.7#





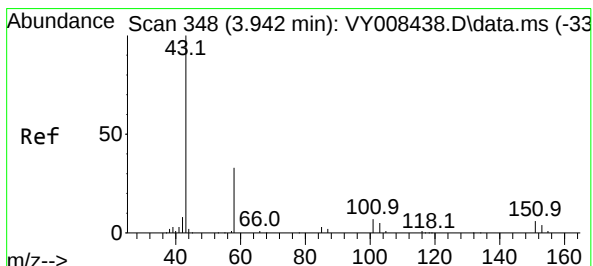
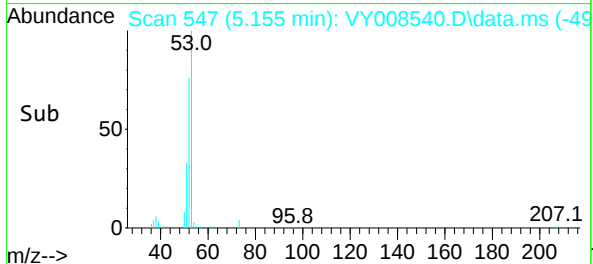
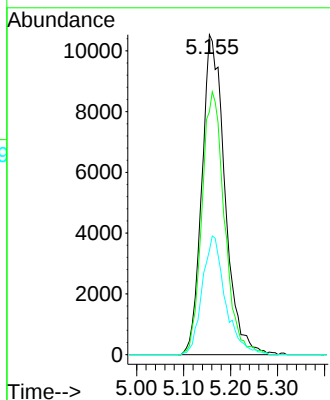
#15
Acrylonitrile
Concen: 95.408 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBS01



Tgt Ion: 53 Resp: 35729

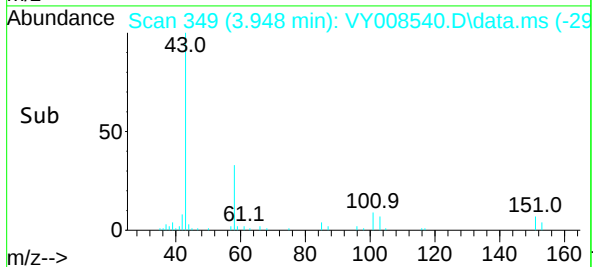
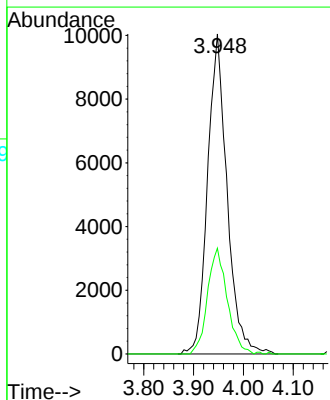
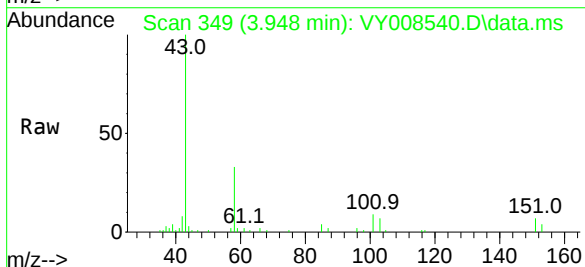
Ion	Ratio	Lower	Upper
53	100		
52	80.6	67.0	100.4
51	37.3	29.8	44.6

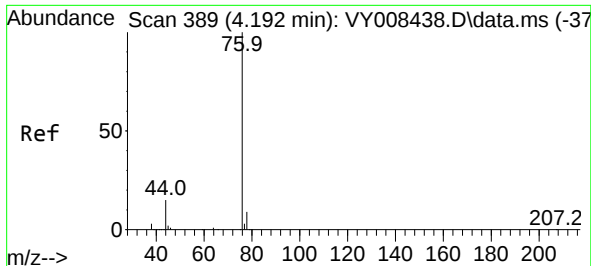


#16
Acetone
Concen: 89.694 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

Tgt Ion: 43 Resp: 27196

Ion	Ratio	Lower	Upper
43	100		
58	33.1	22.0	33.0#

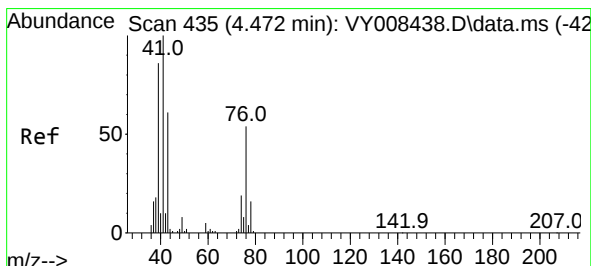
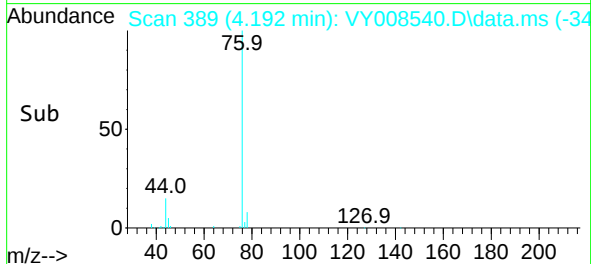
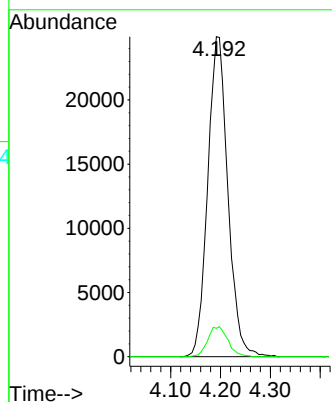
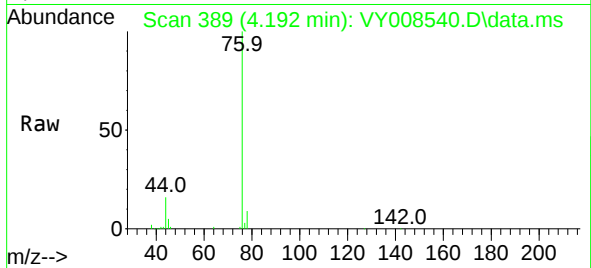




#17
Carbon Disulfide
Concen: 19.324 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

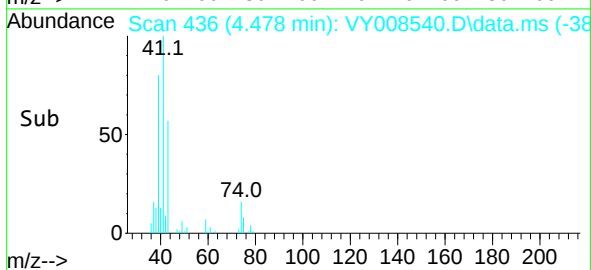
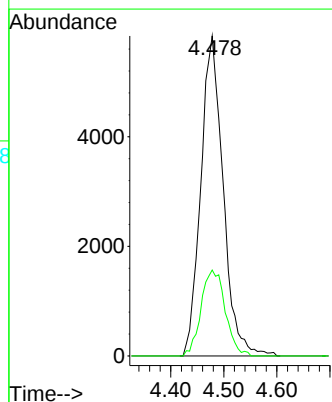
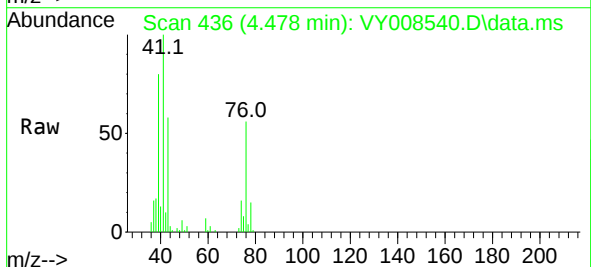
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBS01

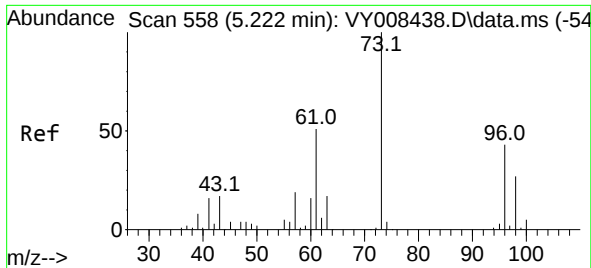
Tgt Ion: 76 Resp: 69871
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 20.117 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

Tgt Ion: 43 Resp: 17106
Ion Ratio Lower Upper
43 100
74 29.0 16.6 24.8#

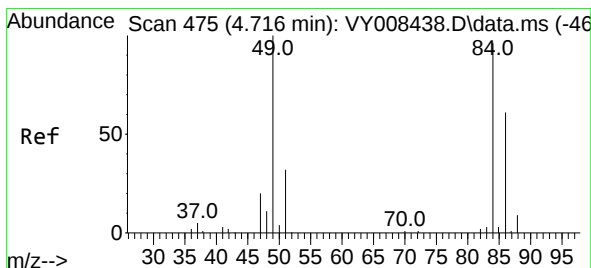
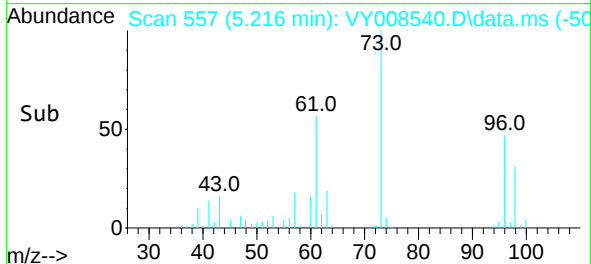
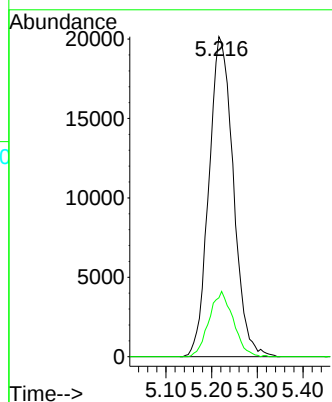
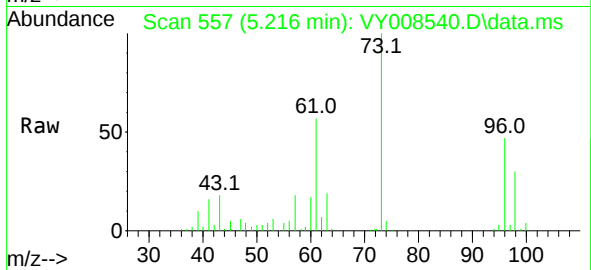




#19
Methyl tert-butyl Ether
Concen: 19.776 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

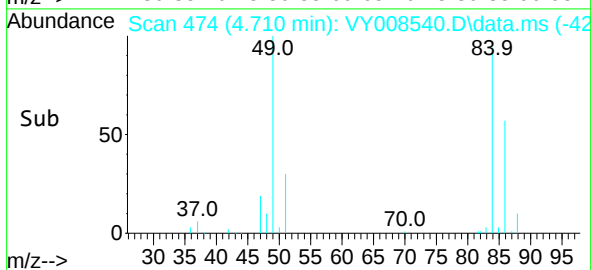
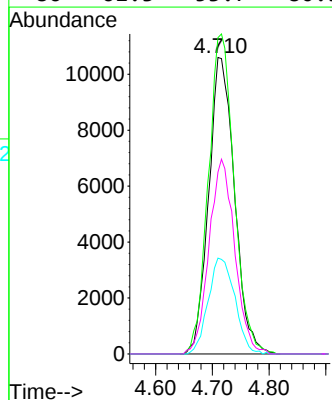
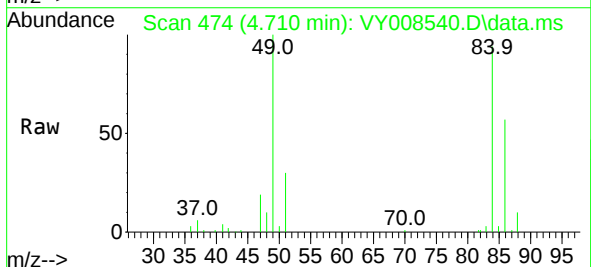
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBS01

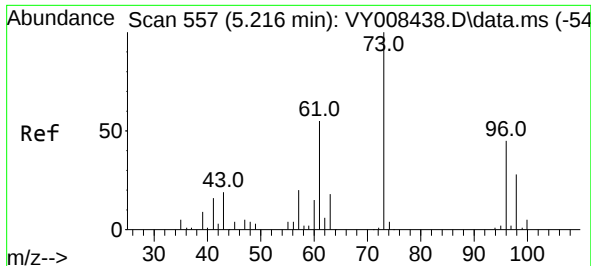
Tgt Ion: 73 Resp: 74836
Ion Ratio Lower Upper
73 100
57 18.4 18.6 27.8#



#20
Methylene Chloride
Concen: 17.202 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

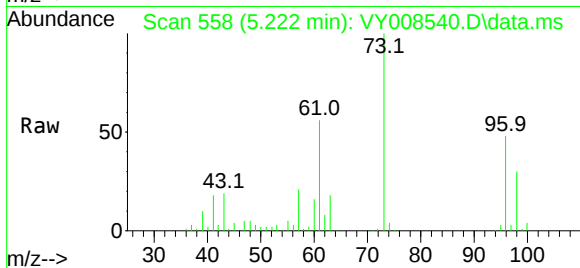
Tgt Ion: 84 Resp: 33508
Ion Ratio Lower Upper
84 100
49 106.7 114.4 171.6#
51 32.3 35.3 52.9#
86 61.3 53.7 80.5



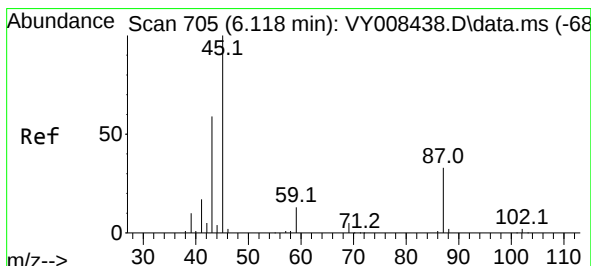
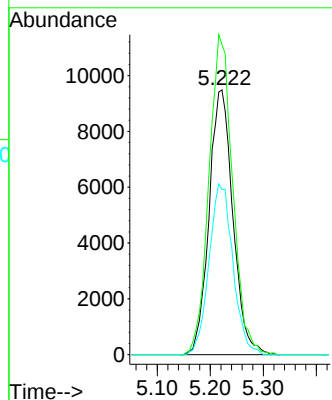
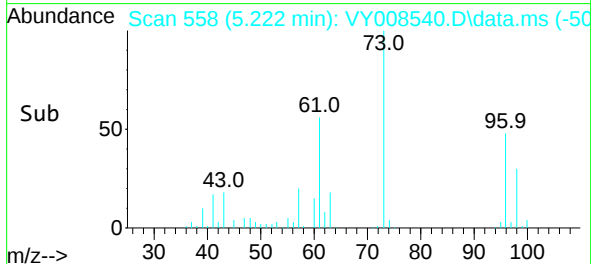


#21
trans-1,2-Dichloroethene
Concen: 20.300 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

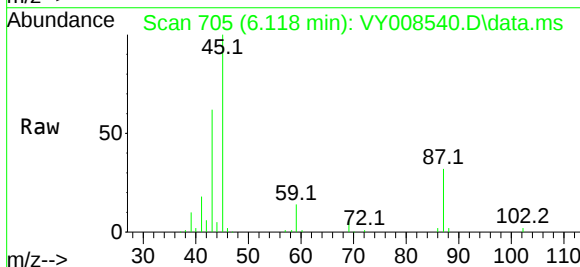
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBS01



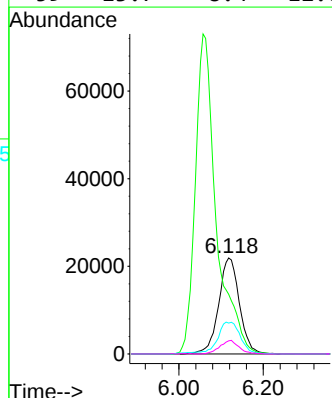
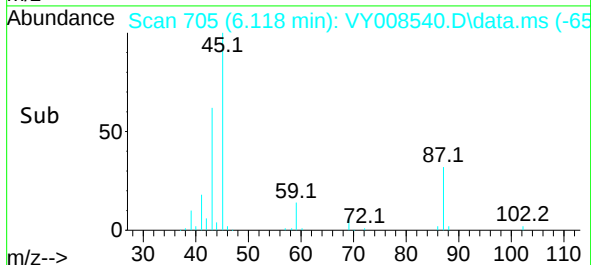
Tgt Ion: 96 Resp: 29616
Ion Ratio Lower Upper
96 100
61 117.1 120.5 180.7#
98 62.3 49.8 74.8

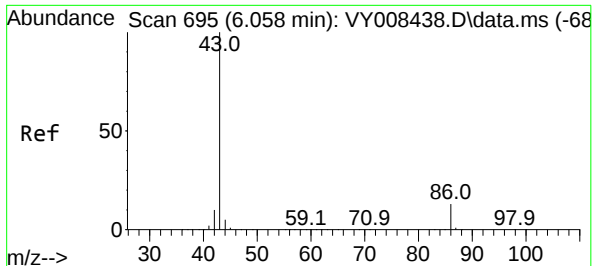


#22
Diisopropyl ether
Concen: 19.839 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14



Tgt Ion: 45 Resp: 74789
Ion Ratio Lower Upper
45 100
43 62.1 49.3 73.9
87 32.2 19.2 28.8#
59 13.7 8.4 12.6#

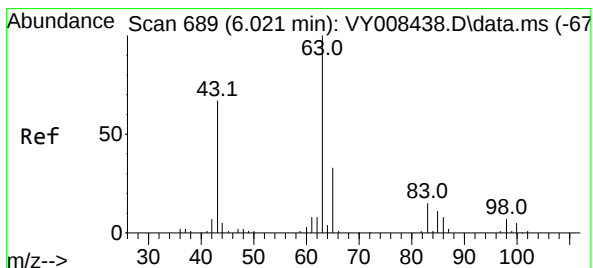
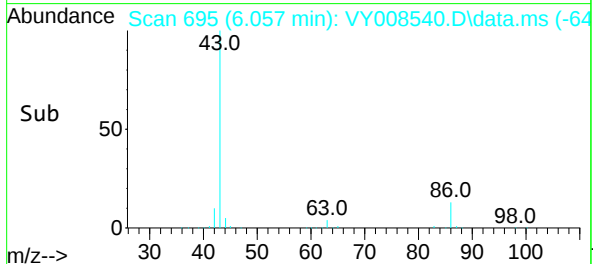
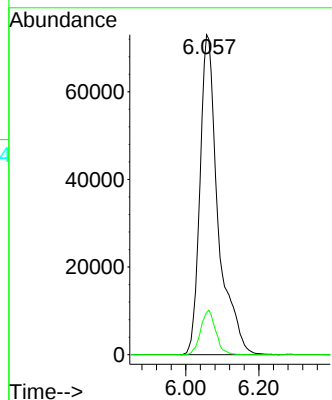
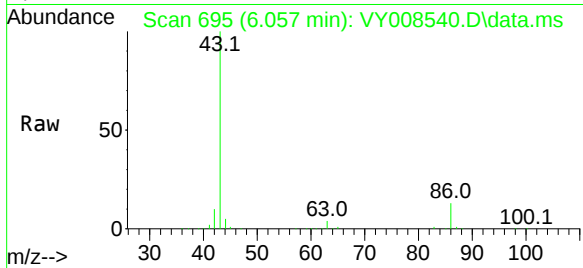




#23
 Vinyl Acetate
 Concen: 97.438 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.001 min
 Lab File: VY008540.D
 Acq: 28 Apr 2022 12:14

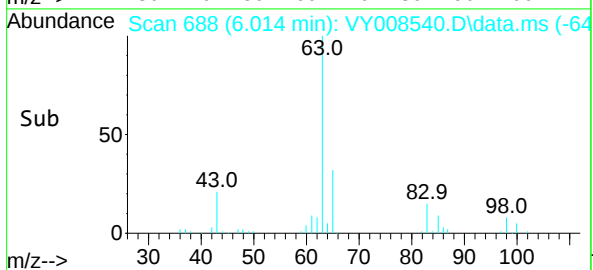
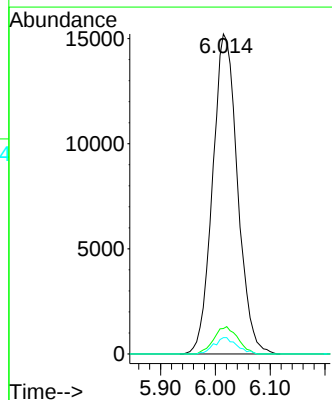
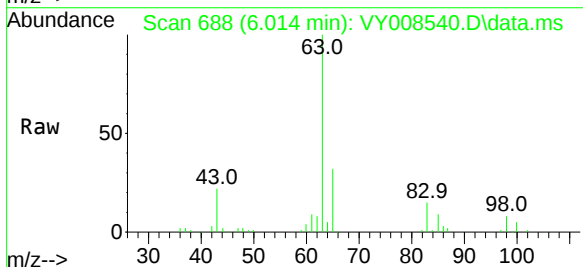
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0428SBS01

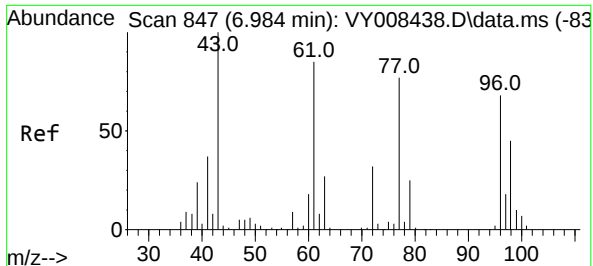
Tgt Ion: 43 Resp: 251829
 Ion Ratio Lower Upper
 43 100
 86 13.2 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 20.490 ug/l
 RT: 6.014 min Scan# 688
 Delta R.T. -0.007 min
 Lab File: VY008540.D
 Acq: 28 Apr 2022 12:14

Tgt Ion: 63 Resp: 48080
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.6 10.8
 100 5.1 2.0 5.8





#25

2-Butanone

Concen: 93.836 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY008540.D

Acq: 28 Apr 2022 12:14

Instrument :

MSVOA_Y

ClientSampleId :

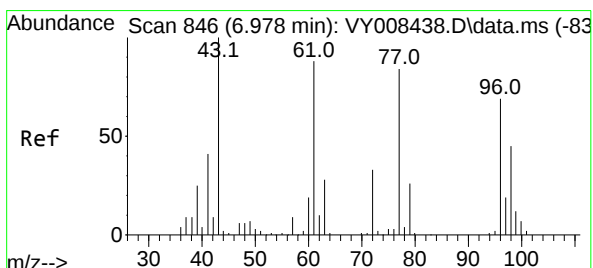
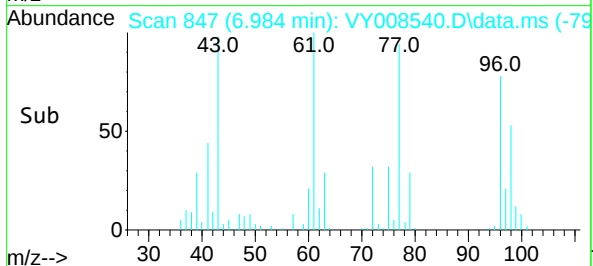
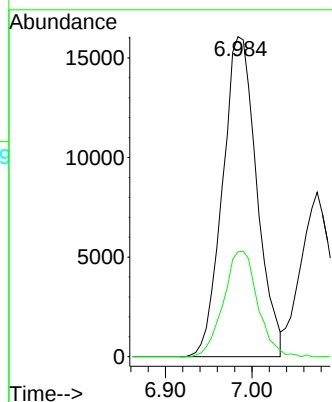
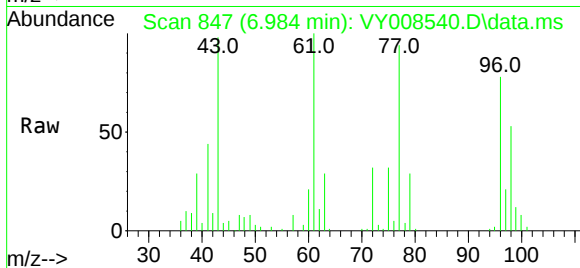
VY0428SBS01

Tgt Ion: 43 Resp: 44017

Ion Ratio Lower Upper

43 100

72 32.8 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 21.392 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY008540.D

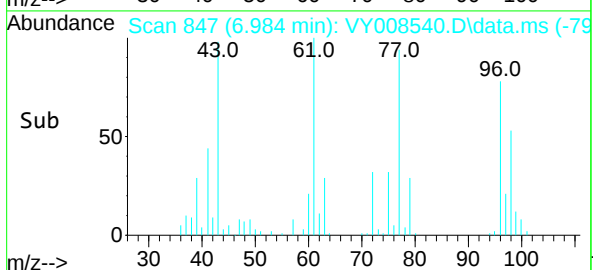
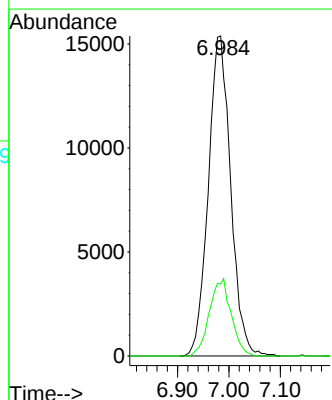
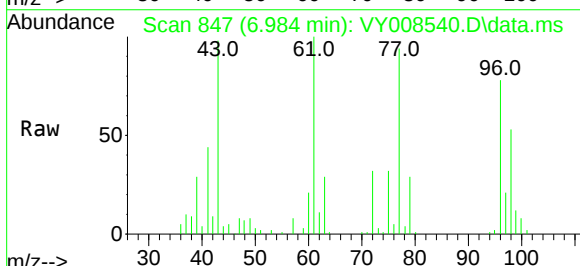
Acq: 28 Apr 2022 12:14

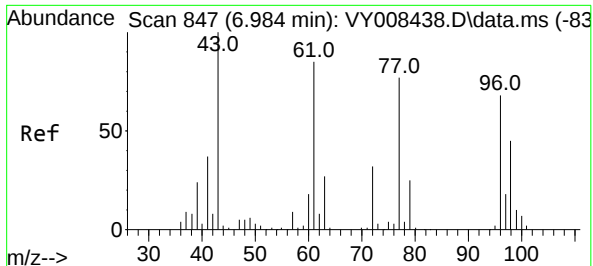
Tgt Ion: 77 Resp: 46491

Ion Ratio Lower Upper

77 100

97 23.5 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 20.401 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY008540.D

Acq: 28 Apr 2022 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0428SBS01

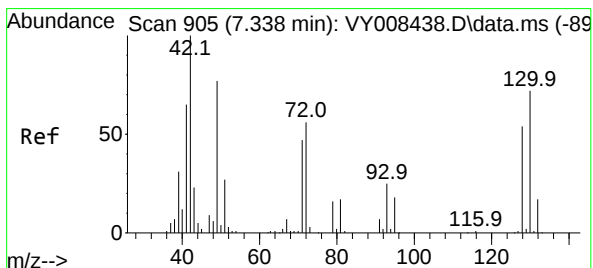
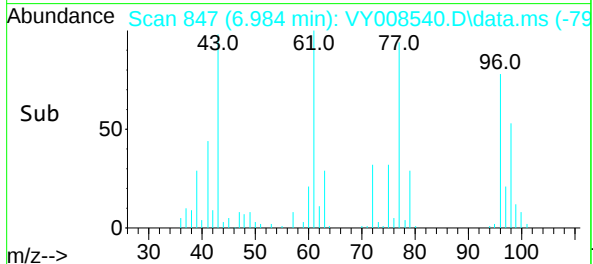
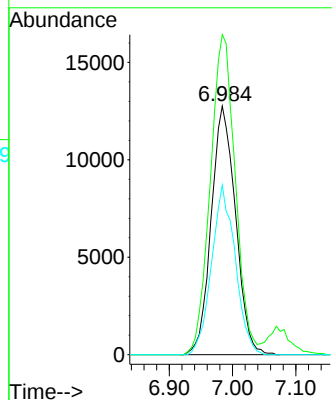
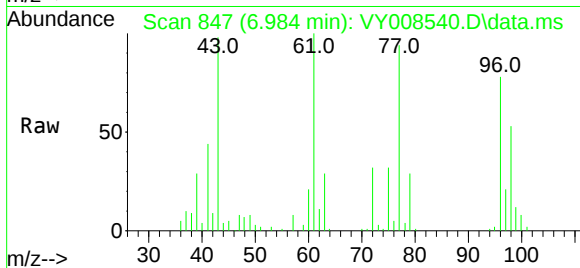
Tgt Ion: 96 Resp: 34044

Ion Ratio Lower Upper

96 100

61 132.0 0.0 319.8

98 66.4 0.0 127.0



#28

Bromochloromethane

Concen: 18.781 ug/l

RT: 7.331 min Scan# 904

Delta R.T. -0.007 min

Lab File: VY008540.D

Acq: 28 Apr 2022 12:14

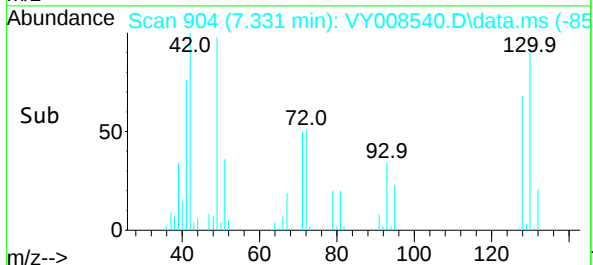
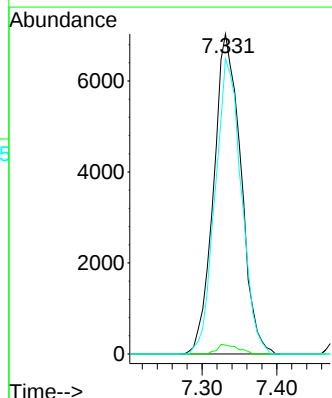
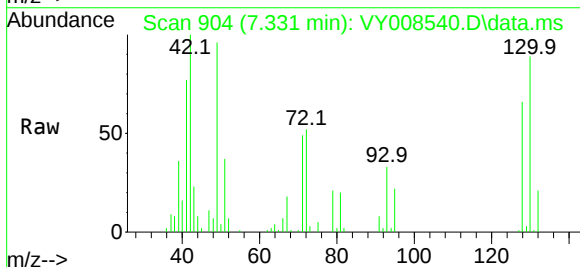
Tgt Ion: 49 Resp: 17777

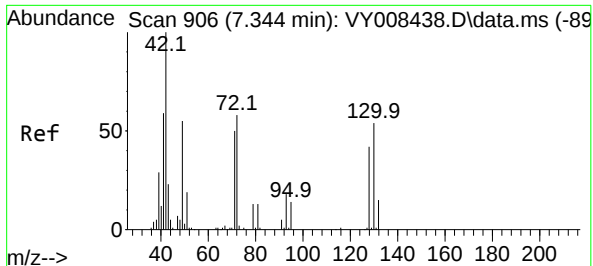
Ion Ratio Lower Upper

49 100

129 2.3 0.0 2.2#

130 88.8 55.4 83.0#

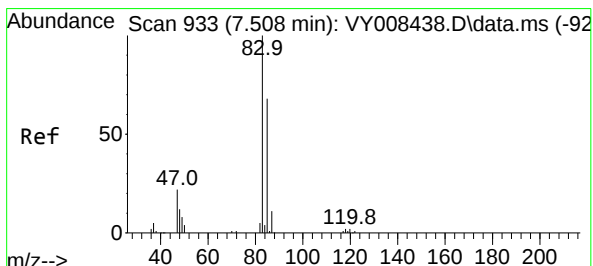
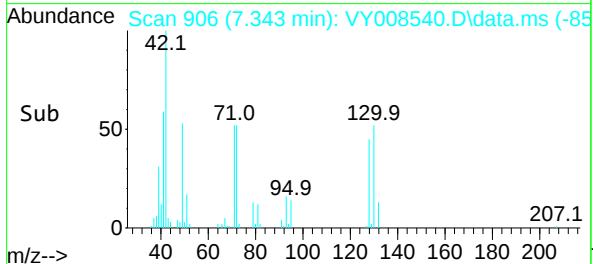
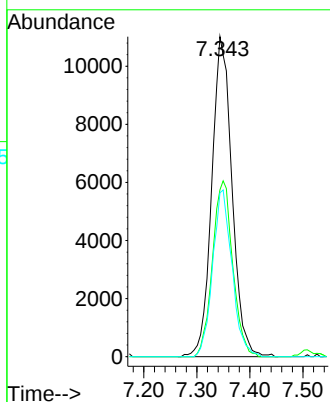
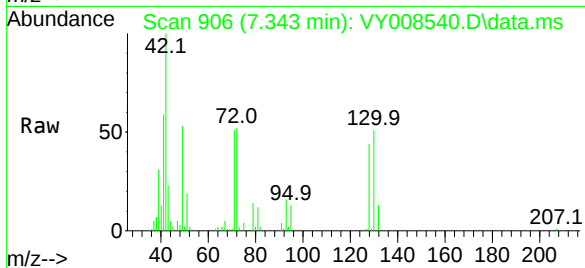




#29
Tetrahydrofuran
Concen: 96.694 ug/l
RT: 7.343 min Scan# 906
Delta R.T. -0.001 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

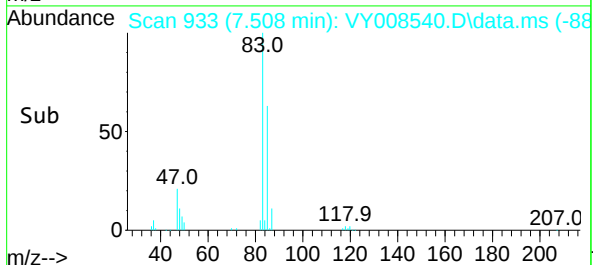
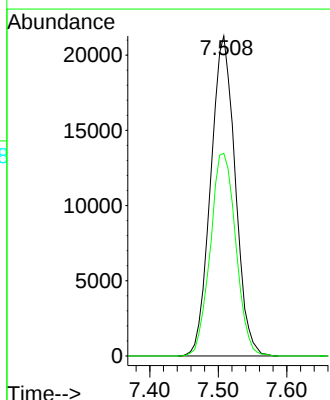
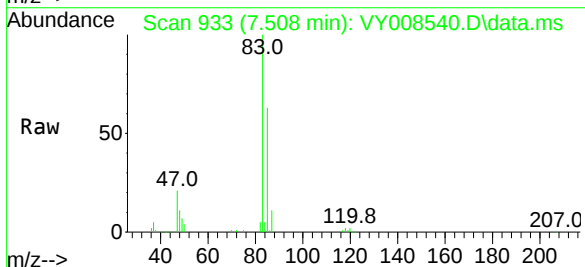
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBSD01

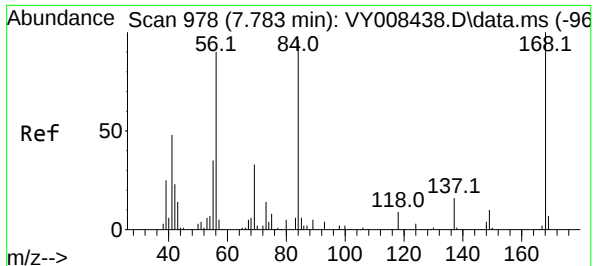
Tgt Ion: 42 Resp: 29214
Ion Ratio Lower Upper
42 100
72 55.0 30.3 45.5#
71 49.8 29.0 43.4#



#30
Chloroform
Concen: 20.475 ug/l
RT: 7.508 min Scan# 933
Delta R.T. 0.000 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

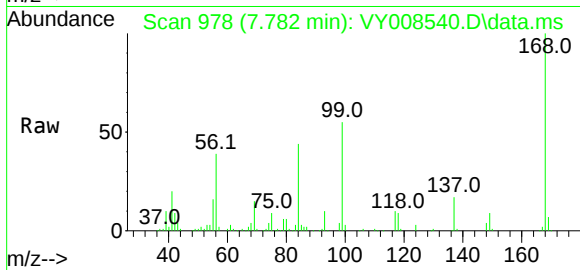
Tgt Ion: 83 Resp: 52782
Ion Ratio Lower Upper
83 100
85 63.3 51.8 77.6



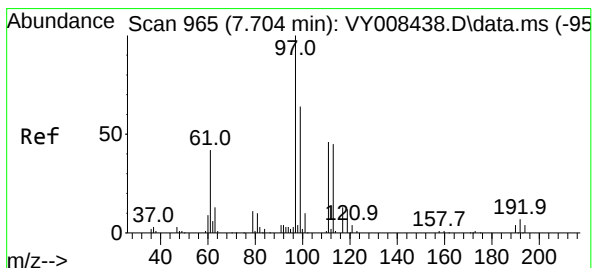
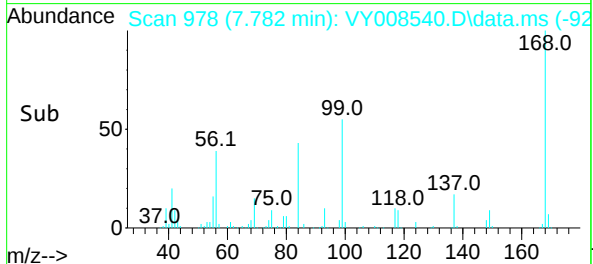
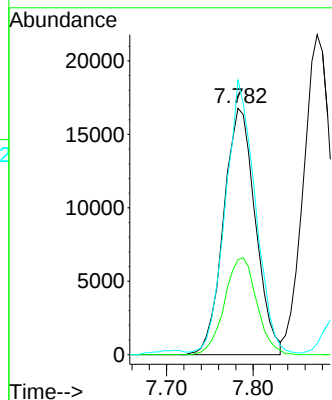


#31
Cyclohexane
Concen: 20.013 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBS01

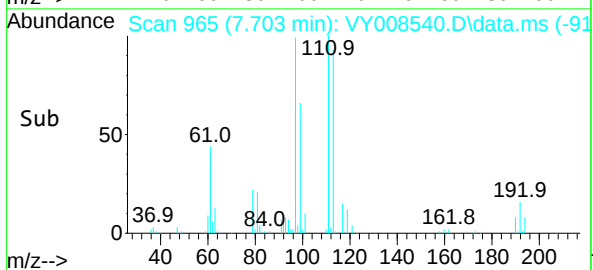
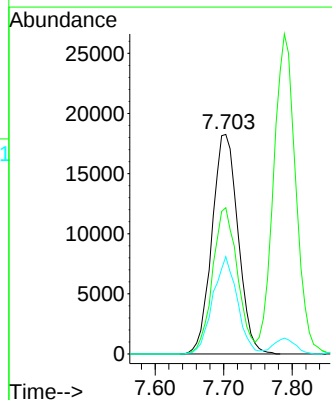
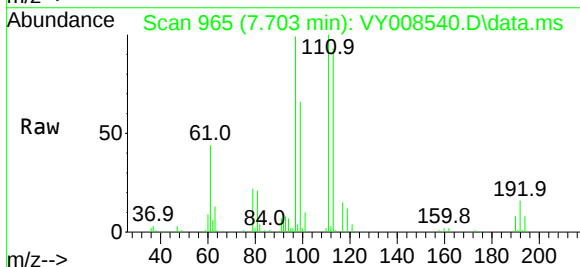


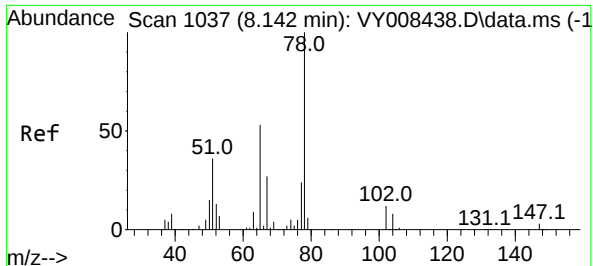
Tgt Ion: 56 Resp: 42829
Ion Ratio Lower Upper
56 100
69 38.6 26.7 40.1
84 109.7 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 21.324 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.001 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

Tgt Ion: 97 Resp: 48136
Ion Ratio Lower Upper
97 100
99 63.9 50.7 76.1
61 41.6 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 49.961 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY008540.D

Acq: 28 Apr 2022 12:14

Instrument :

MSVOA_Y

ClientSampleId :

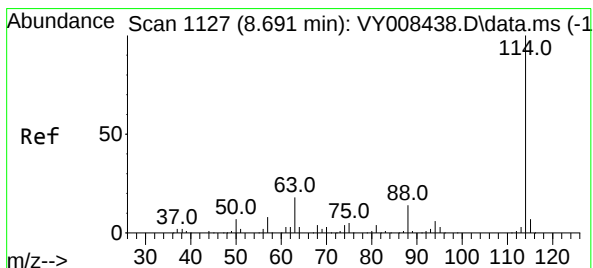
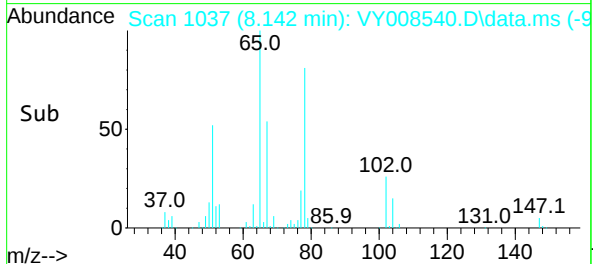
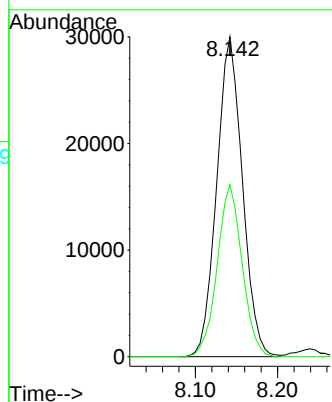
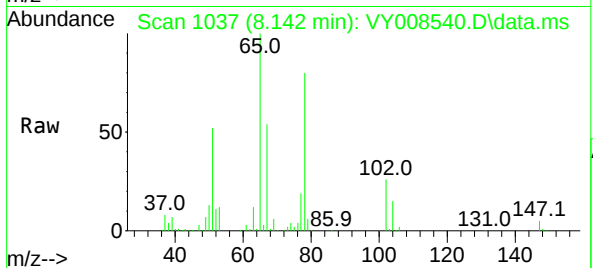
VY0428SBS01

Tgt Ion: 65 Resp: 65038

Ion Ratio Lower Upper

65 100

67 52.3 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: VY008540.D

Acq: 28 Apr 2022 12:14

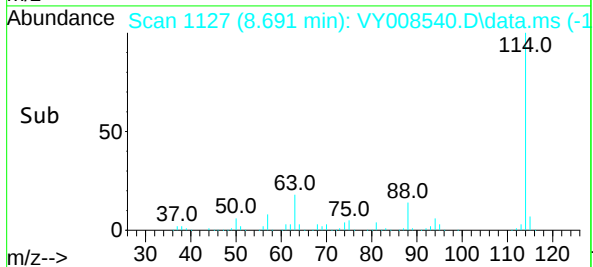
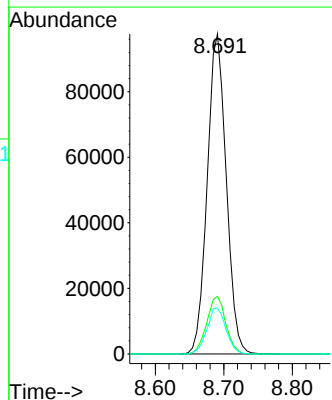
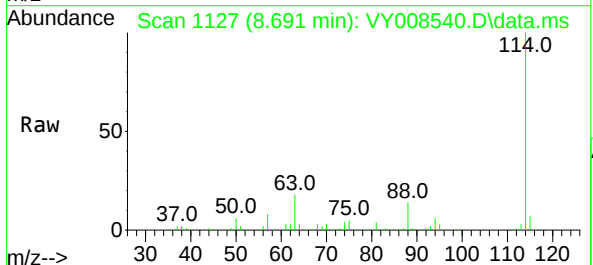
Tgt Ion: 114 Resp: 187852

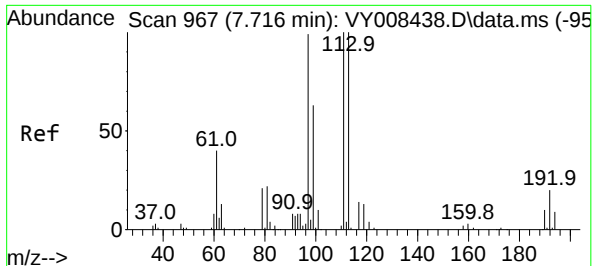
Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

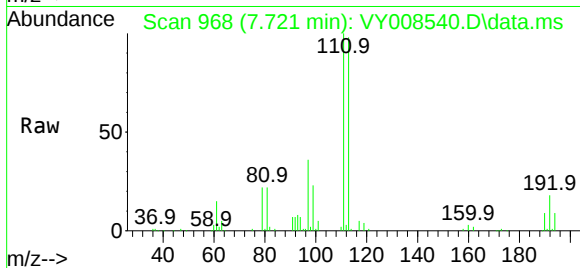
88 14.4 0.0 31.8



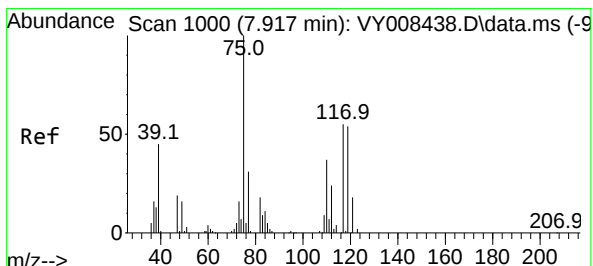
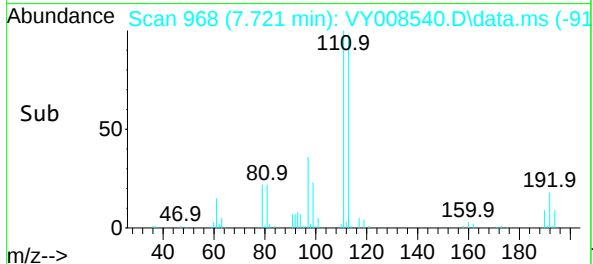
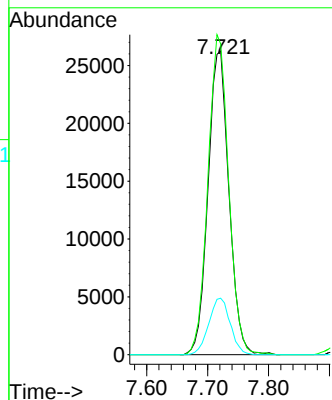


#35
Dibromofluoromethane
Concen: 51.687 ug/l
RT: 7.721 min Scan# 91
Delta R.T. 0.005 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBSD01

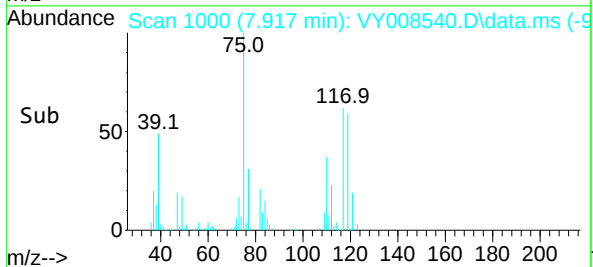
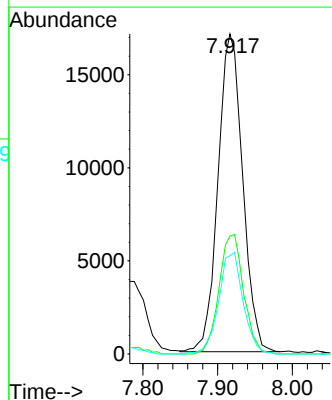
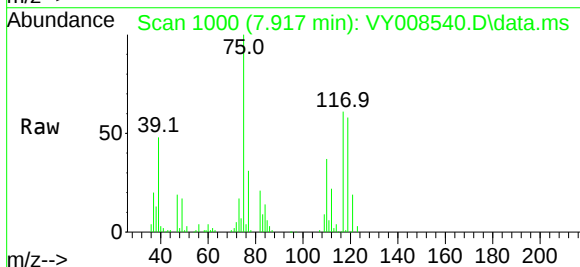


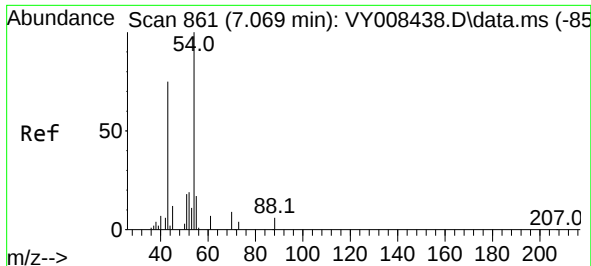
Tgt Ion:113 Resp: 62664
Ion Ratio Lower Upper
113 100
111 104.4 82.6 124.0
192 19.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 20.303 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

Tgt Ion: 75 Resp: 39153
Ion Ratio Lower Upper
75 100
110 37.5 17.1 51.2
77 31.8 24.4 36.6





#37

Ethyl Acetate

Concen: 19.944 ug/l

RT: 7.075 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY008540.D

Acq: 28 Apr 2022 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0428SBS01

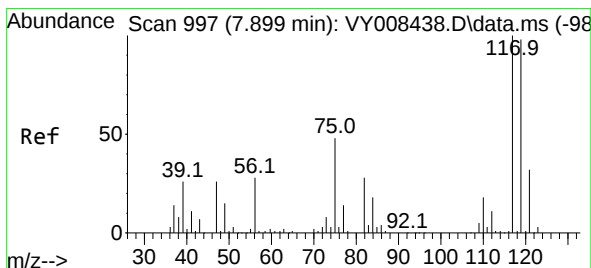
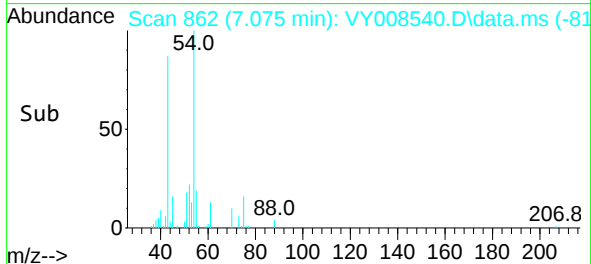
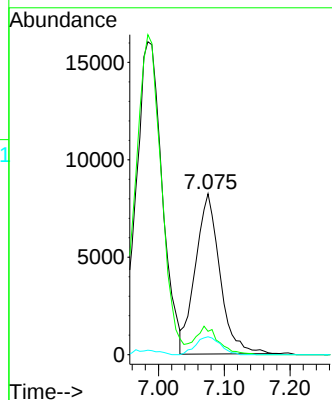
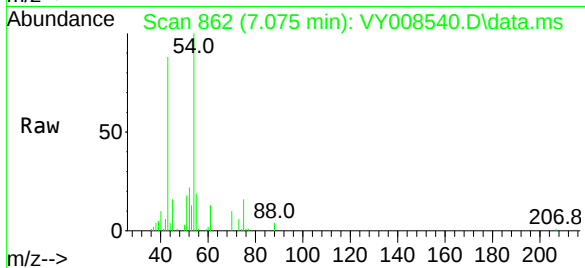
Tgt Ion: 43 Resp: 21271

Ion Ratio Lower Upper

43 100

61 16.2 9.7 14.5#

70 11.2 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 21.267 ug/l

RT: 7.898 min Scan# 997

Delta R.T. -0.001 min

Lab File: VY008540.D

Acq: 28 Apr 2022 12:14

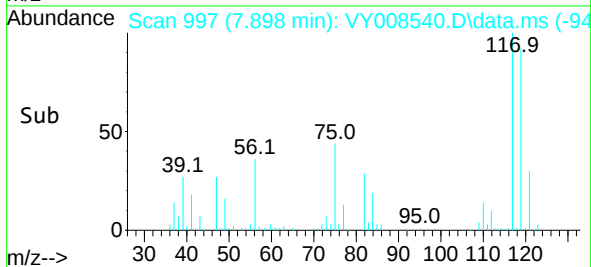
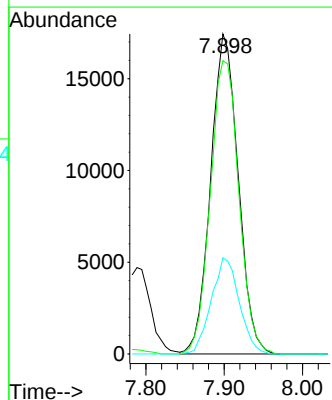
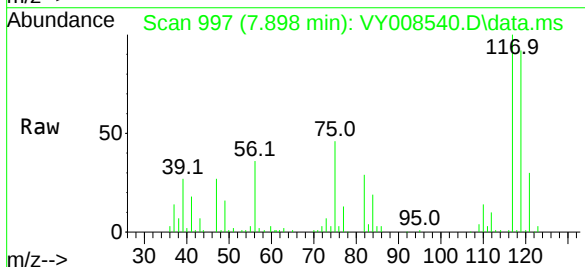
Tgt Ion: 117 Resp: 42612

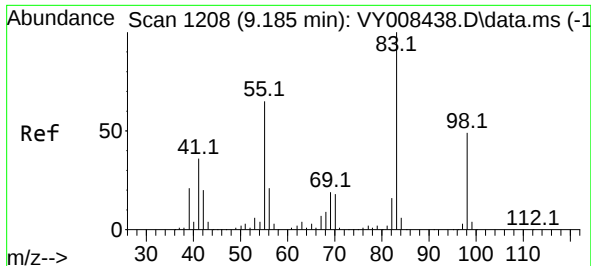
Ion Ratio Lower Upper

117 100

119 91.6 77.9 116.9

121 30.1 24.8 37.2

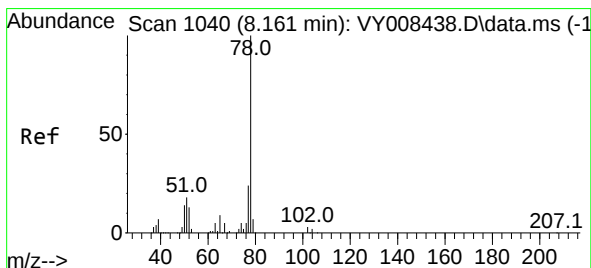
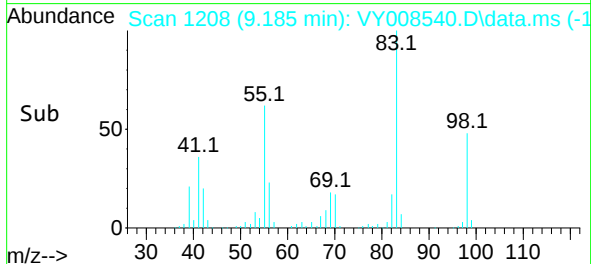
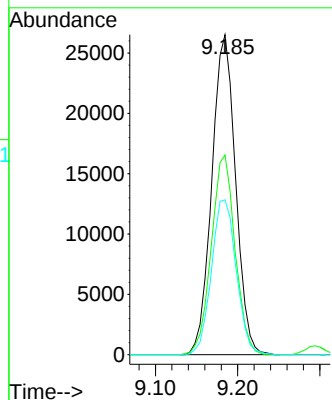
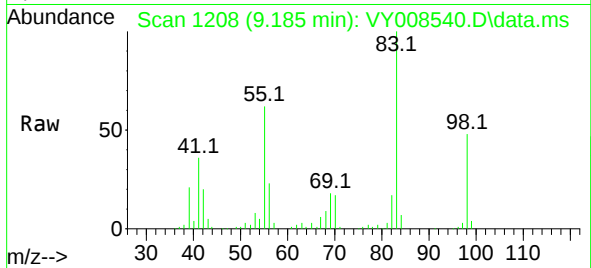




#39
Methylcyclohexane
Concen: 21.586 ug/l
RT: 9.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

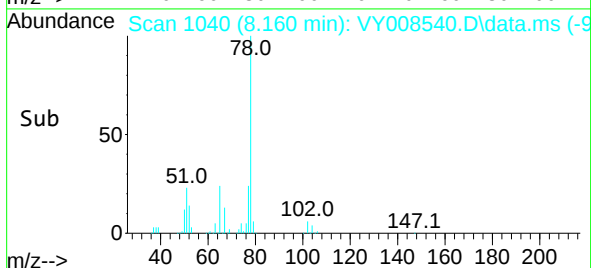
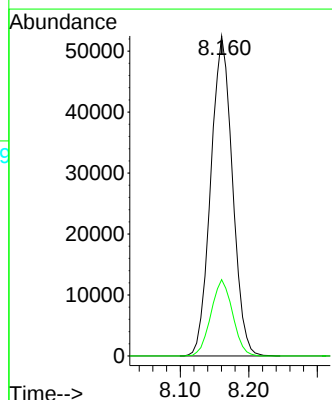
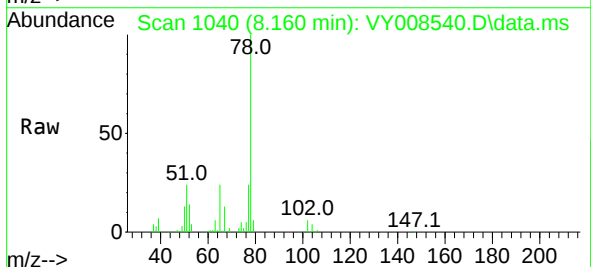
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBS01

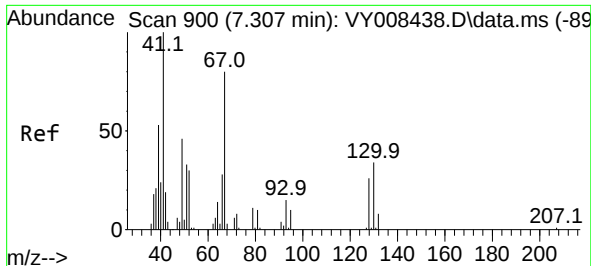
Tgt Ion: 83 Resp: 53302
Ion Ratio Lower Upper
83 100
55 62.4 66.5 99.7#
98 48.4 37.9 56.9



#40
Benzene
Concen: 20.496 ug/l
RT: 8.160 min Scan# 1040
Delta R.T. -0.001 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

Tgt Ion: 78 Resp: 115314
Ion Ratio Lower Upper
78 100
77 23.9 20.4 30.6

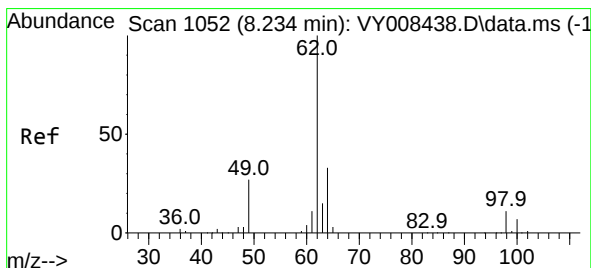
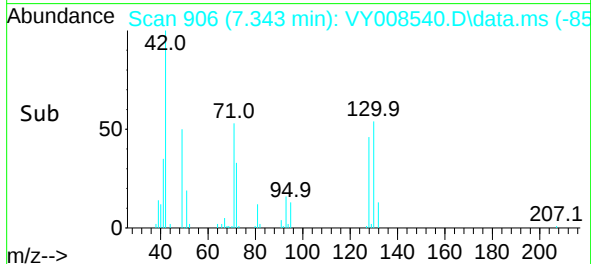
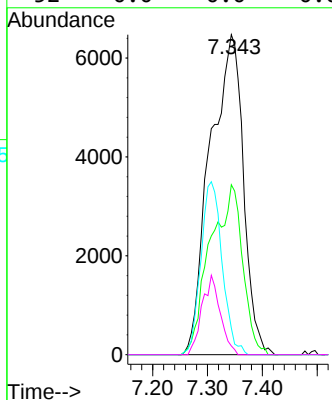
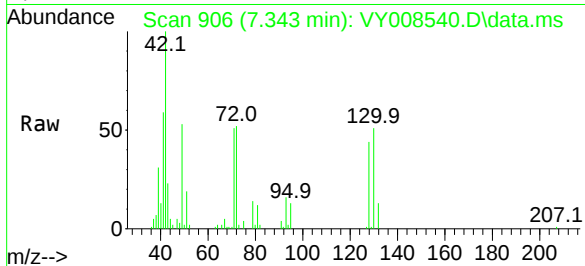




#41
Methacrylonitrile
Concen: 52.650 ug/l
RT: 7.343 min Scan# 90
Delta R.T. 0.036 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

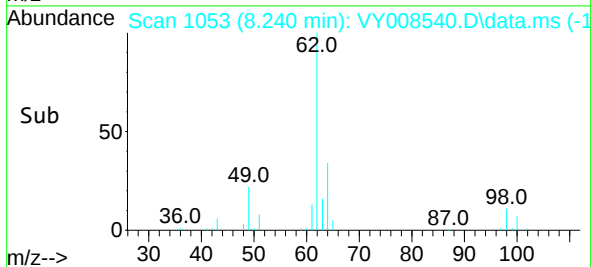
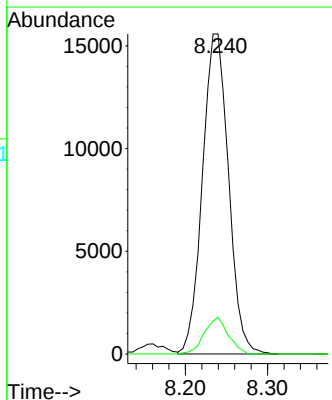
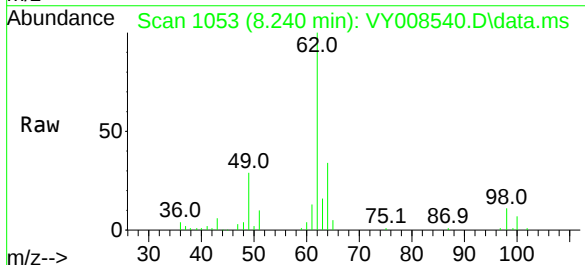
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBSD01

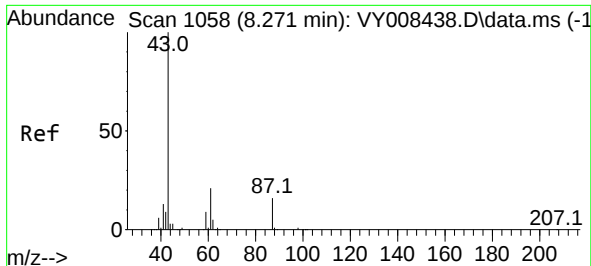
Tgt Ion: 41 Resp: 27231
Ion Ratio Lower Upper
41 100
39 51.8 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 20.259 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

Tgt Ion: 62 Resp: 34317
Ion Ratio Lower Upper
62 100
98 10.5 0.0 14.8





#43

Isopropyl Acetate

Concen: 20.229 ug/l

RT: 8.270 min Scan# 1058

Delta R.T. -0.001 min

Lab File: VY008540.D

Acq: 28 Apr 2022 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0428SBS01

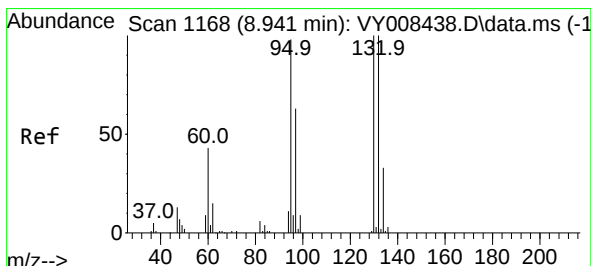
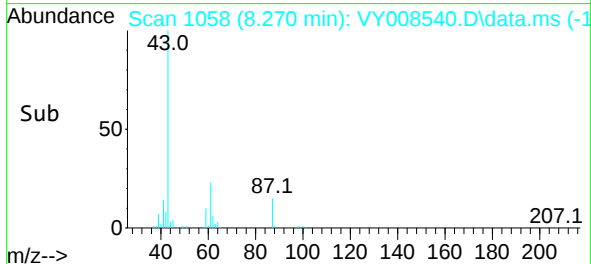
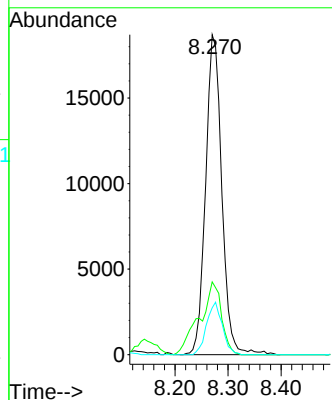
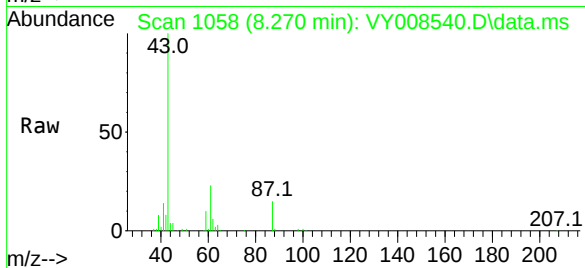
Tgt Ion: 43 Resp: 39678

Ion Ratio Lower Upper

43 100

61 30.9 20.2 30.2#

87 16.0 8.9 13.3#



#44

Trichloroethene

Concen: 21.212 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VY008540.D

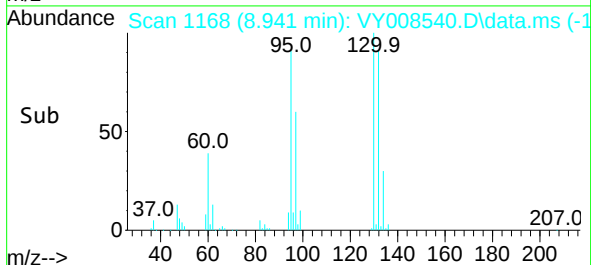
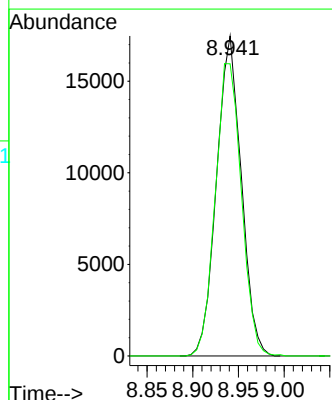
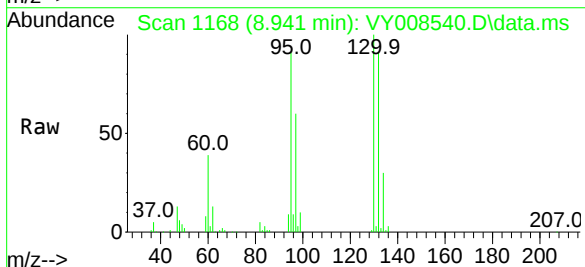
Acq: 28 Apr 2022 12:14

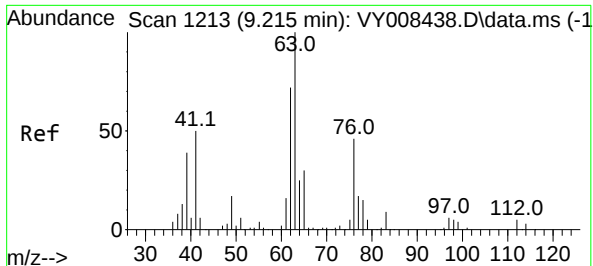
Tgt Ion:130 Resp: 32880

Ion Ratio Lower Upper

130 100

95 91.3 0.0 188.2





#45

1,2-Dichloropropane

Concen: 20.843 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY008540.D

Acq: 28 Apr 2022 12:14

Instrument :

MSVOA_Y

ClientSampleId :

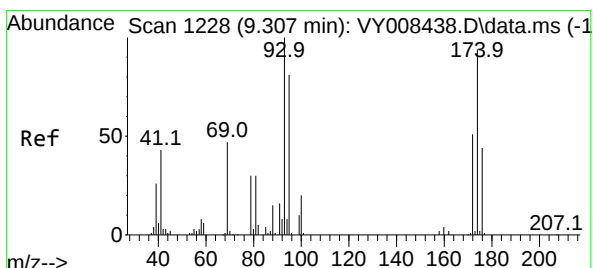
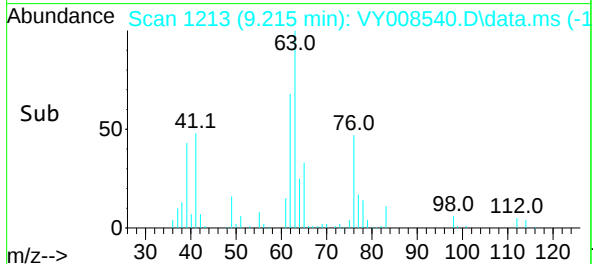
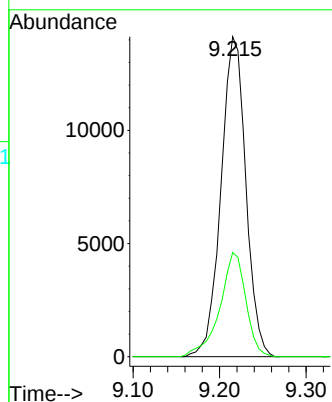
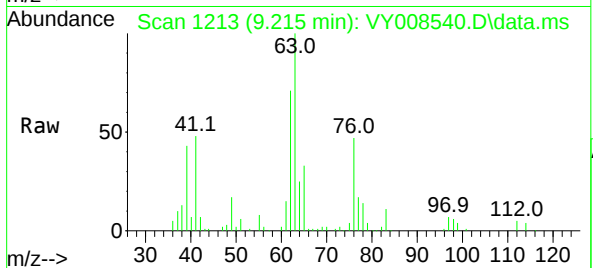
VY0428SBSD01

Tgt Ion: 63 Resp: 28160

Ion Ratio Lower Upper

63 100

65 32.6 23.0 34.6



#46

Dibromomethane

Concen: 19.728 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY008540.D

Acq: 28 Apr 2022 12:14

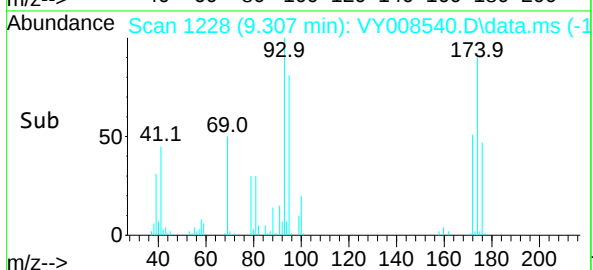
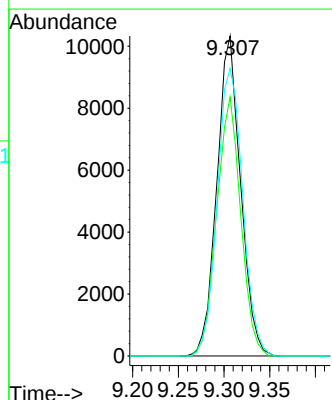
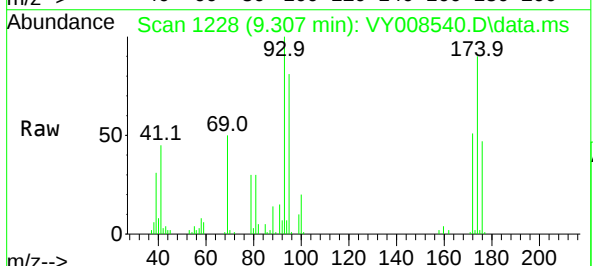
Tgt Ion: 93 Resp: 18674

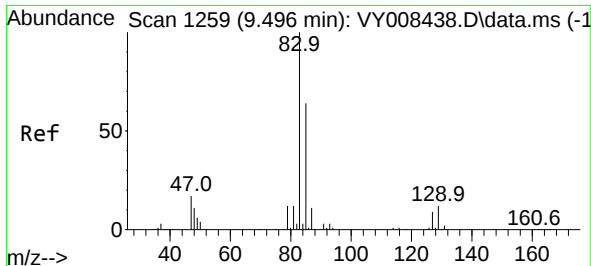
Ion Ratio Lower Upper

93 100

95 81.9 64.3 96.5

174 96.3 83.4 125.0

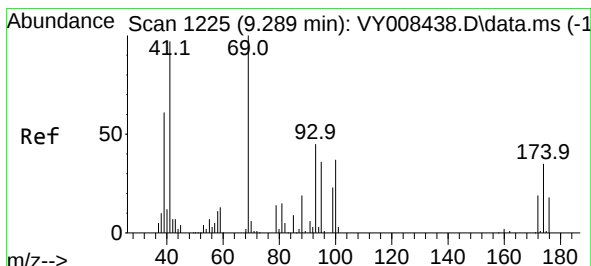
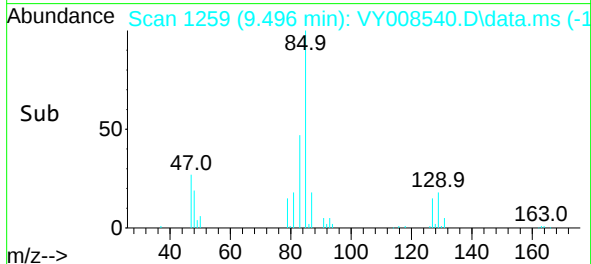
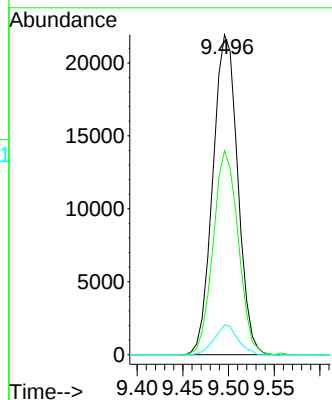
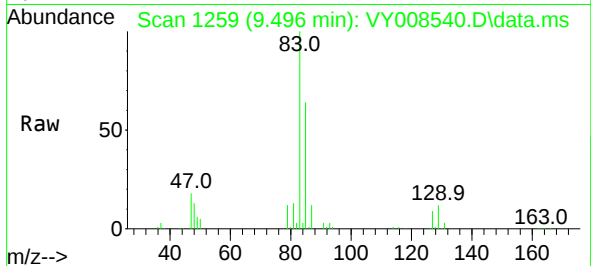




#47
Bromodichloromethane
Concen: 20.668 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

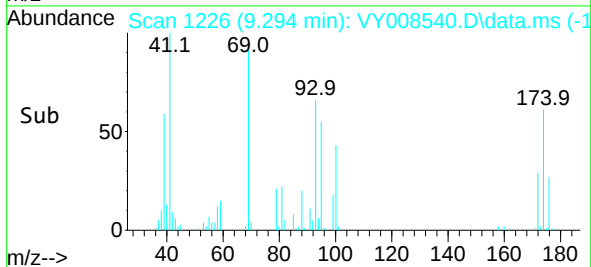
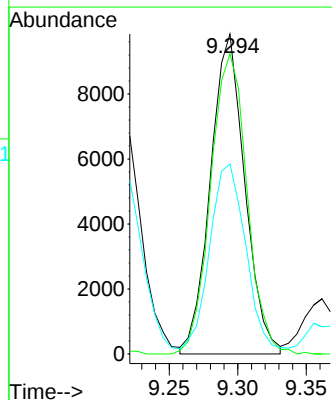
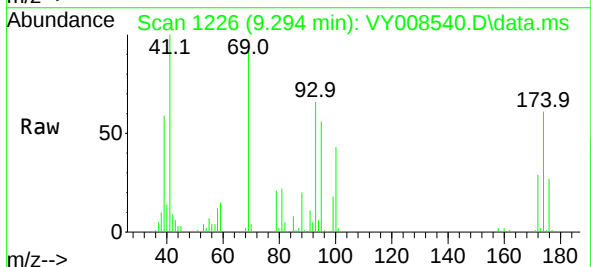
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBS01

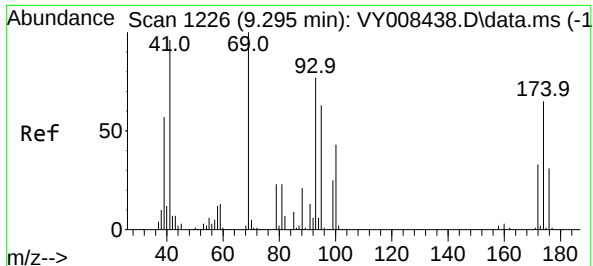
Tgt Ion: 83 Resp: 41530
Ion Ratio Lower Upper
83 100
85 63.8 51.9 77.9
127 9.3 6.6 10.0



#48
Methyl methacrylate
Concen: 20.597 ug/l
RT: 9.294 min Scan# 1226
Delta R.T. 0.005 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

Tgt Ion: 41 Resp: 17178
Ion Ratio Lower Upper
41 100
69 98.9 58.2 87.2#
39 63.3 47.4 71.0





#49

1,4-Dioxane

Concen: 406.164 ug/l

RT: 9.294 min Scan# 1226

Delta R.T. -0.001 min

Lab File: VY008540.D

Acq: 28 Apr 2022 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0428SBS01

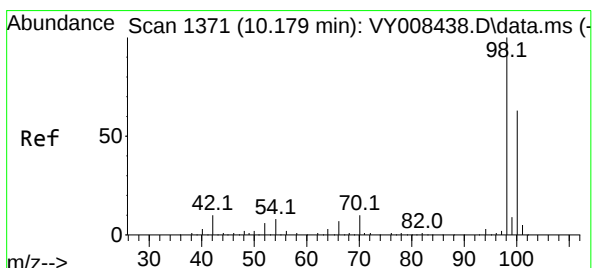
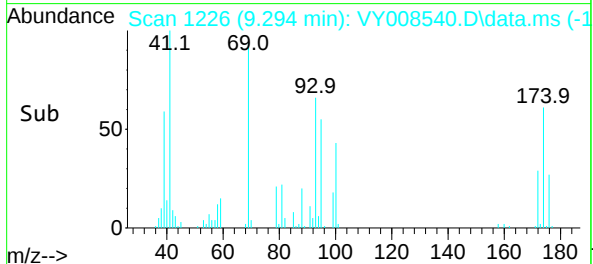
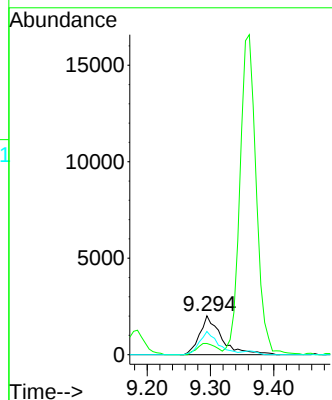
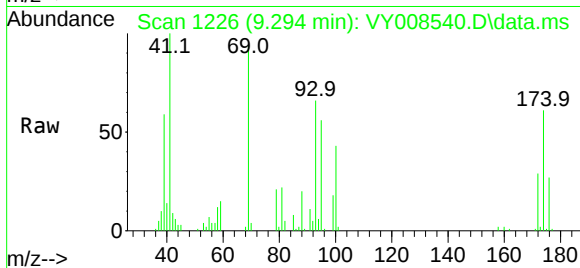
Tgt Ion: 88 Resp: 4848

Ion Ratio Lower Upper

88 100

43 25.9 32.8 49.2#

58 51.1 59.8 89.6#



#50

Toluene-d8

Concen: 48.002 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.001 min

Lab File: VY008540.D

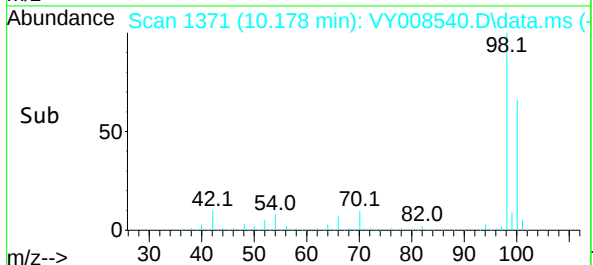
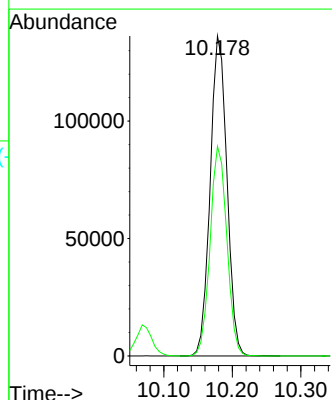
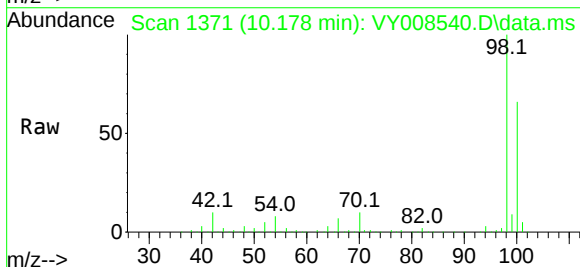
Acq: 28 Apr 2022 12:14

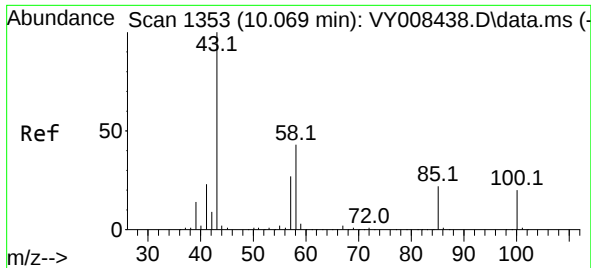
Tgt Ion: 98 Resp: 231481

Ion Ratio Lower Upper

98 100

100 65.5 50.2 75.2

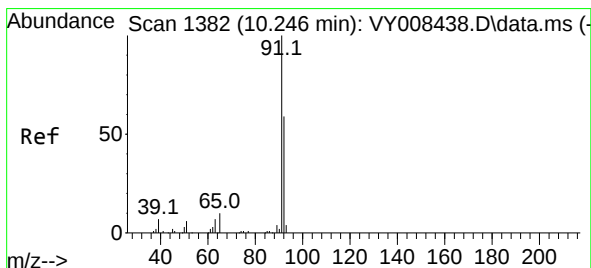
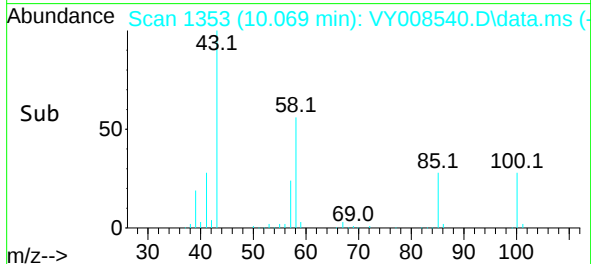
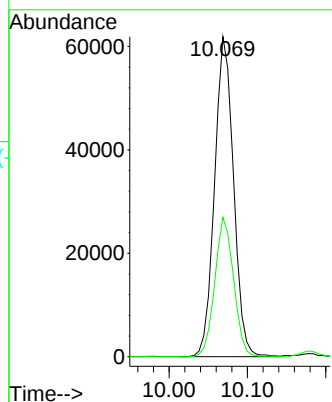
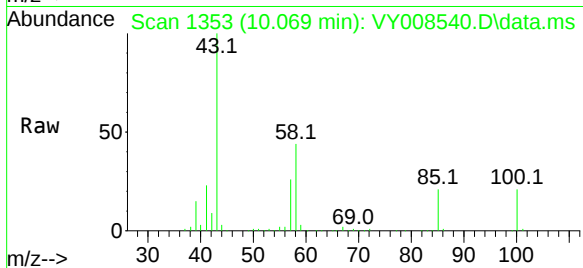




#51
4-Methyl-2-Pentanone
Concen: 100.991 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

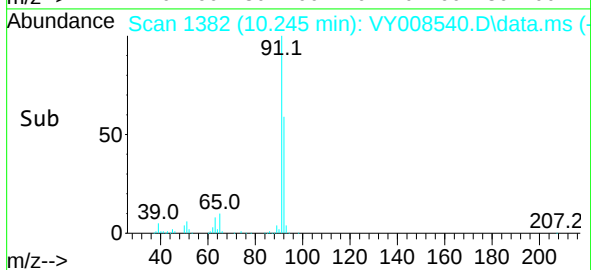
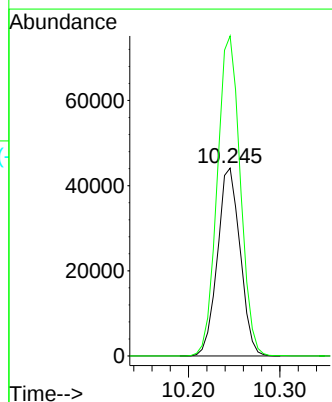
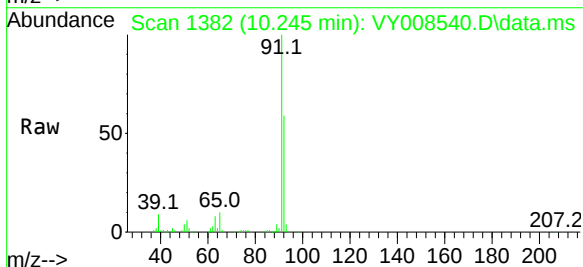
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBS01

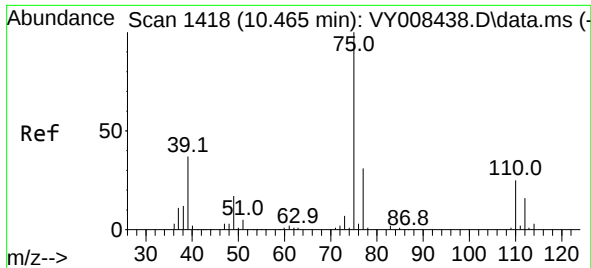
Tgt Ion: 43 Resp: 104208
Ion Ratio Lower Upper
43 100
58 43.2 28.1 42.1#



#52
Toluene
Concen: 20.436 ug/l
RT: 10.245 min Scan# 1382
Delta R.T. -0.001 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

Tgt Ion: 92 Resp: 76036
Ion Ratio Lower Upper
92 100
91 173.2 142.6 213.8

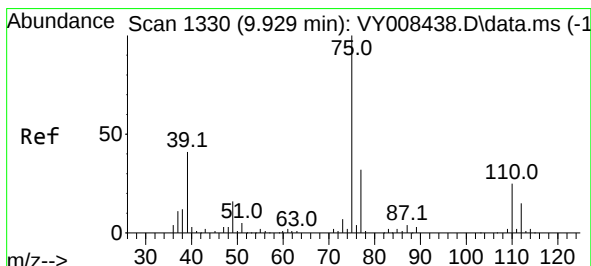
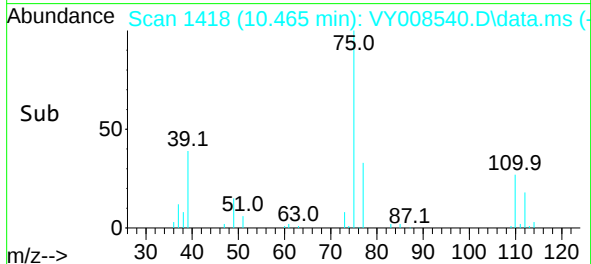
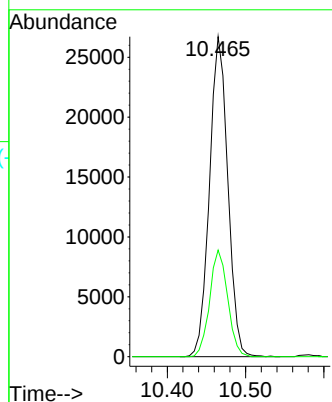
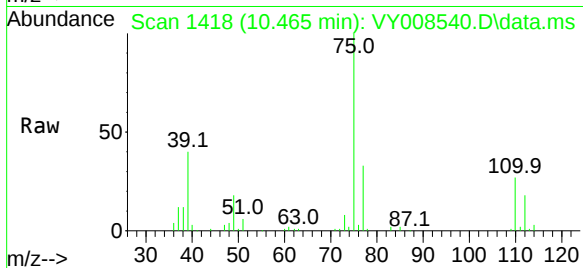




#53
 t-1,3-Dichloropropene
 Concen: 20.148 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY008540.D
 Acq: 28 Apr 2022 12:14

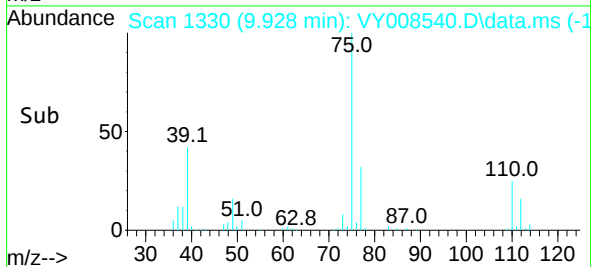
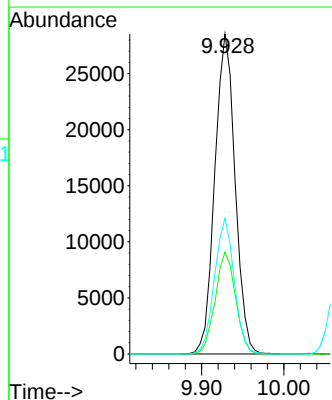
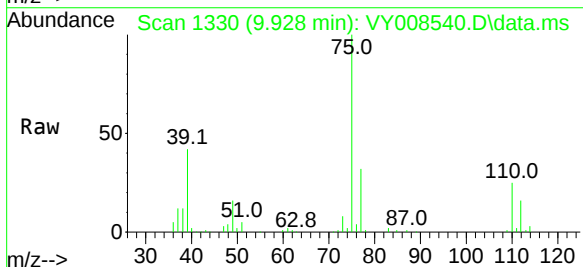
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0428SBS01

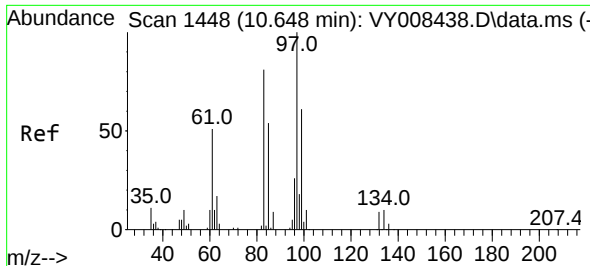
Tgt Ion: 75 Resp: 43415
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 20.483 ug/l
 RT: 9.928 min Scan# 1330
 Delta R.T. -0.001 min
 Lab File: VY008540.D
 Acq: 28 Apr 2022 12:14

Tgt Ion: 75 Resp: 48912
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.6 38.4
 39 42.4 47.6 71.4#

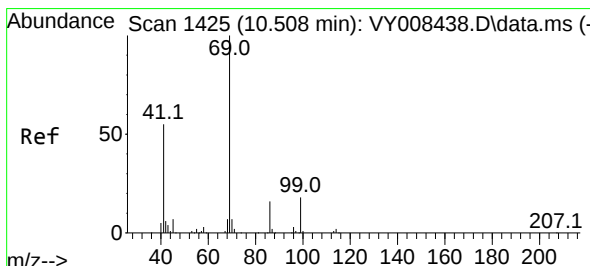
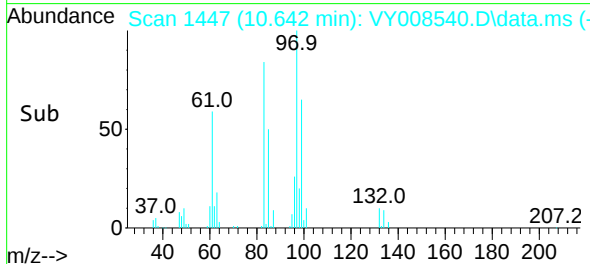
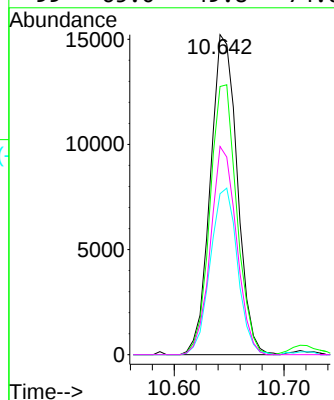
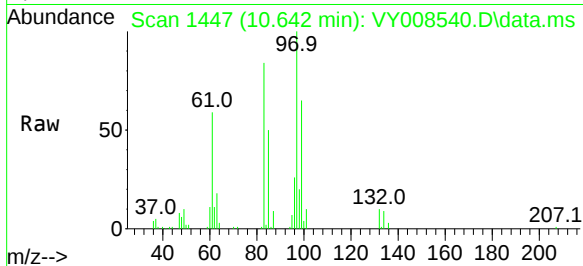




#55
 1,1,2-Trichloroethane
 Concen: 20.084 ug/l
 RT: 10.642 min Scan# 1447
 Delta R.T. -0.006 min
 Lab File: VY008540.D
 Acq: 28 Apr 2022 12:14

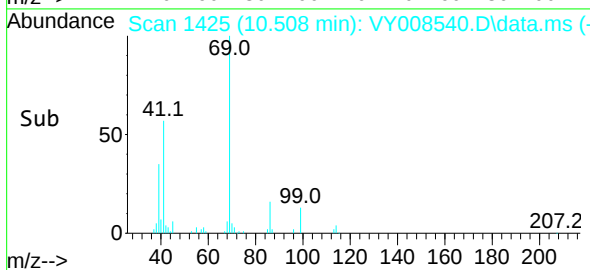
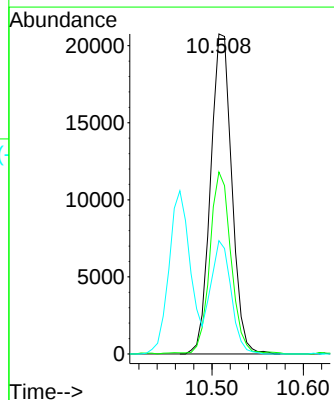
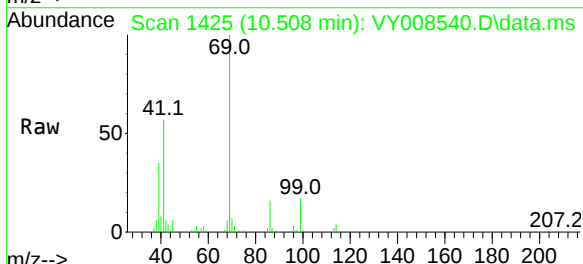
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0428SBSD01

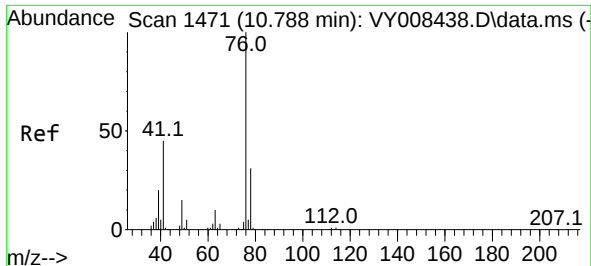
Tgt Ion:	97	Resp:	25947
Ion	Ratio	Lower	Upper
97	100		
83	83.8	69.8	104.8
85	50.3	44.3	66.5
99	65.0	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 20.059 ug/l
 RT: 10.508 min Scan# 1425
 Delta R.T. -0.000 min
 Lab File: VY008540.D
 Acq: 28 Apr 2022 12:14

Tgt Ion:	69	Resp:	33460
Ion	Ratio	Lower	Upper
69	100		
41	57.2	63.4	95.0#
39	33.8	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 20.386 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY008540.D

Acq: 28 Apr 2022 12:14

Instrument :

MSVOA_Y

ClientSampleId :

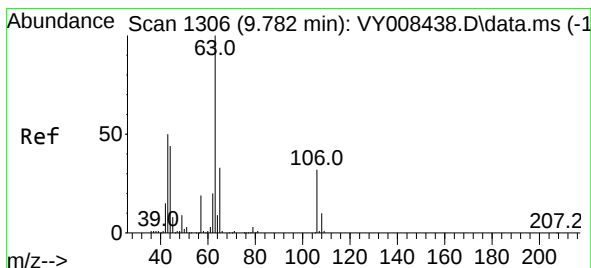
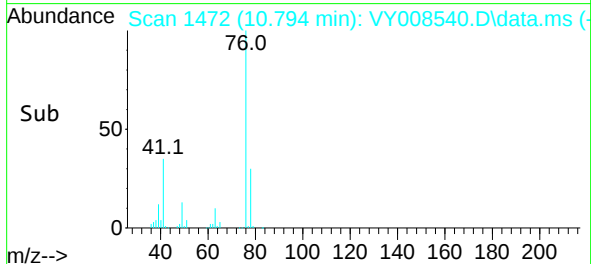
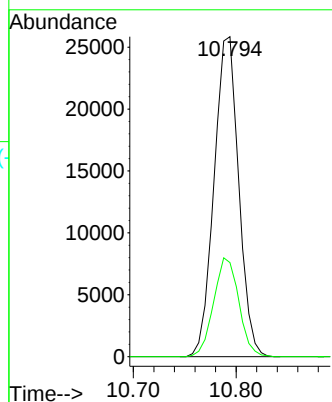
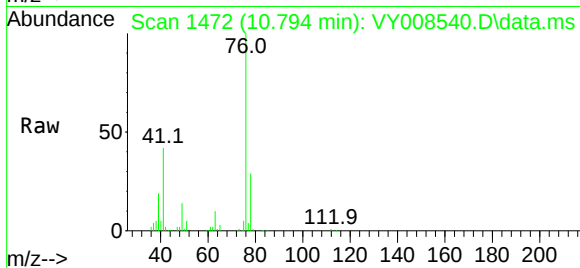
VY0428SBS01

Tgt Ion: 76 Resp: 42993

Ion Ratio Lower Upper

76 100

78 31.6 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 90.220 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008540.D

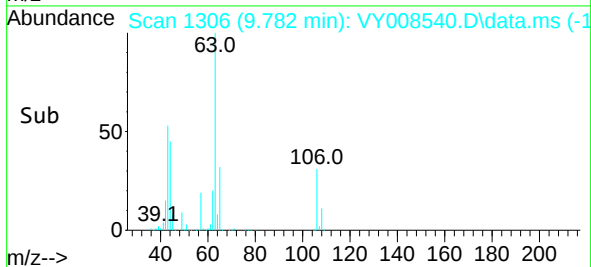
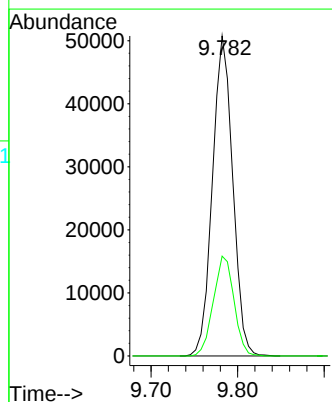
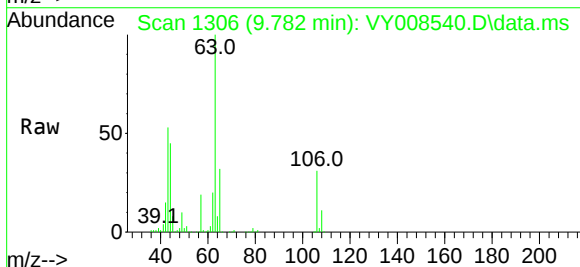
Acq: 28 Apr 2022 12:14

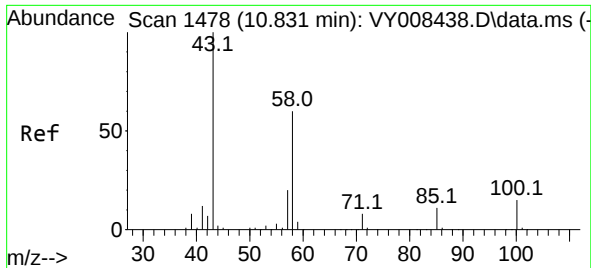
Tgt Ion: 63 Resp: 82480

Ion Ratio Lower Upper

63 100

106 31.7 21.5 32.3

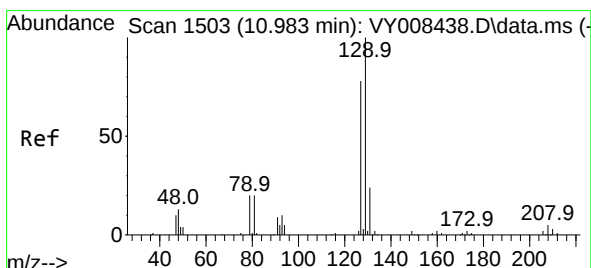
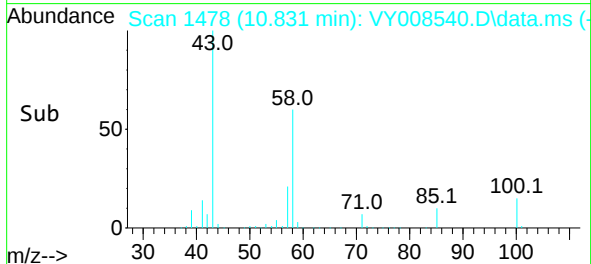
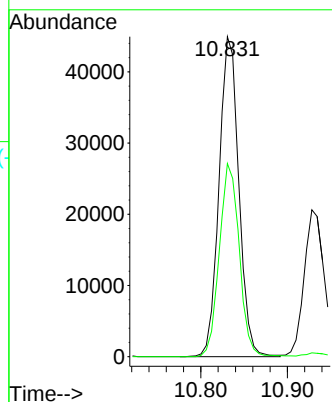
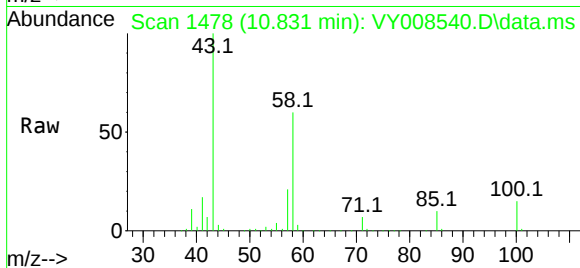




#59
2-Hexanone
Concen: 100.263 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

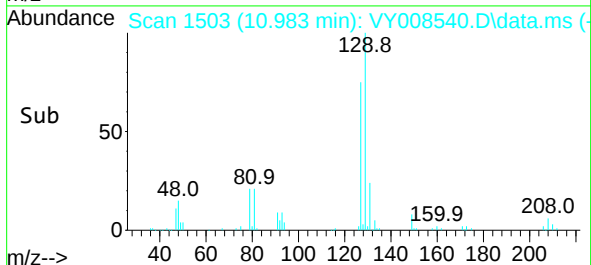
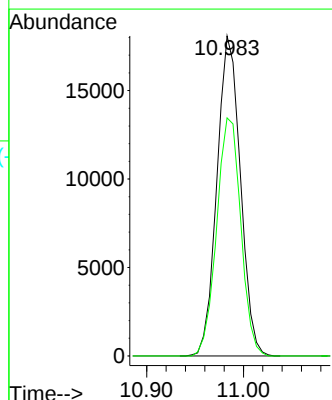
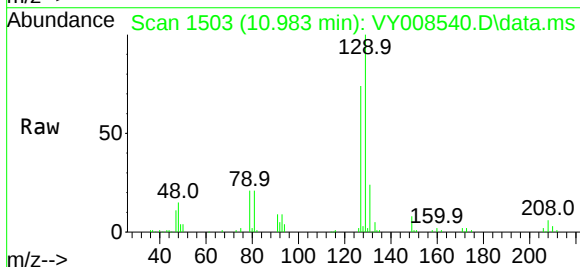
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBS01

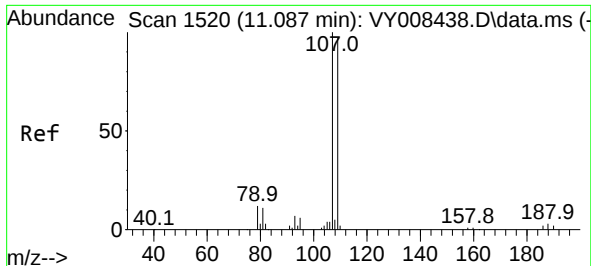
Tgt Ion: 43 Resp: 71194
Ion Ratio Lower Upper
43 100
58 60.8 24.4 73.4



#60
Dibromochloromethane
Concen: 20.476 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

Tgt Ion: 129 Resp: 30392
Ion Ratio Lower Upper
129 100
127 76.6 38.7 116.1

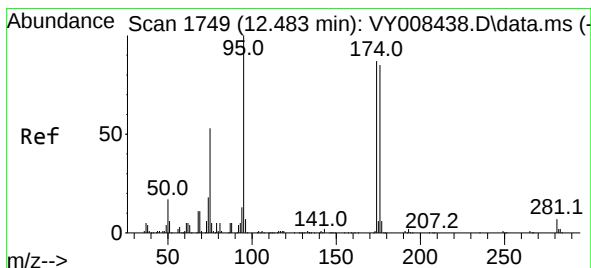
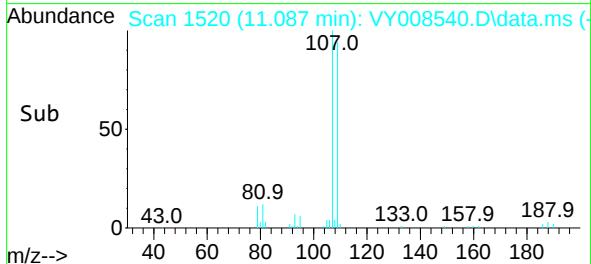
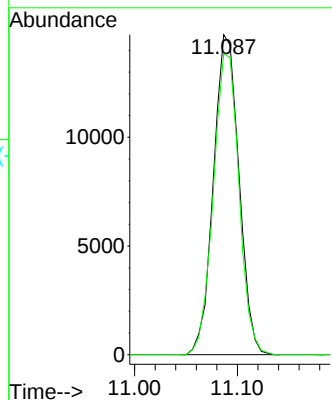
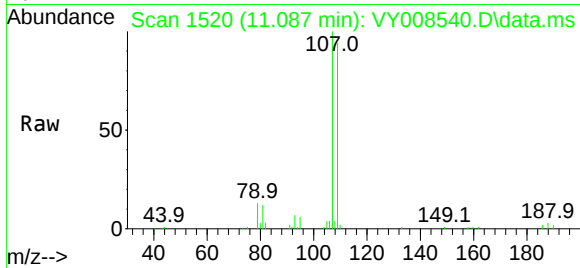




#61
1,2-Dibromoethane
Concen: 19.832 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

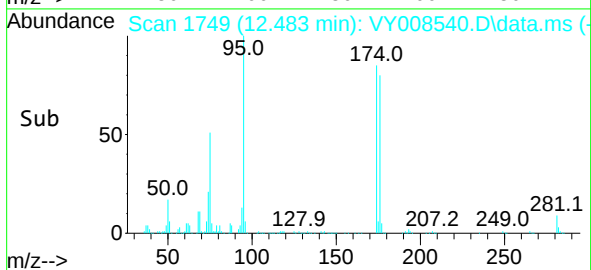
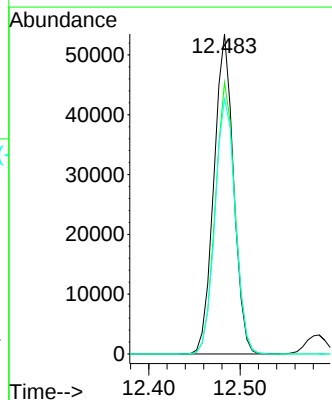
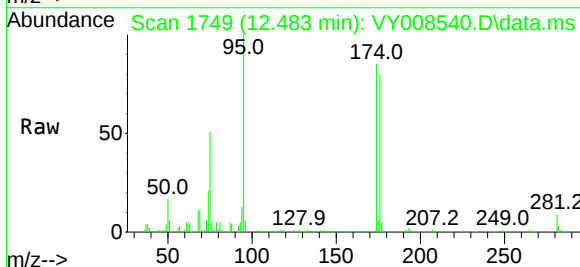
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBSD01

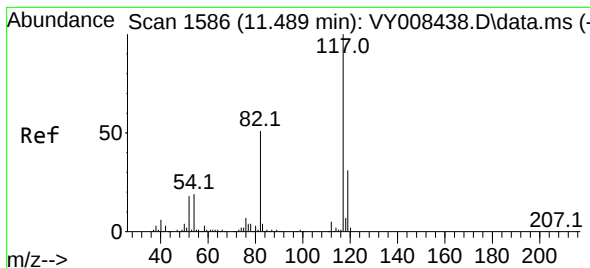
Tgt Ion:107 Resp: 25341
Ion Ratio Lower Upper
107 100
109 94.6 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 48.893 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

Tgt Ion: 95 Resp: 79818
Ion Ratio Lower Upper
95 100
174 85.4 0.0 177.0
176 82.4 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008540.D

Acq: 28 Apr 2022 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0428SBS01

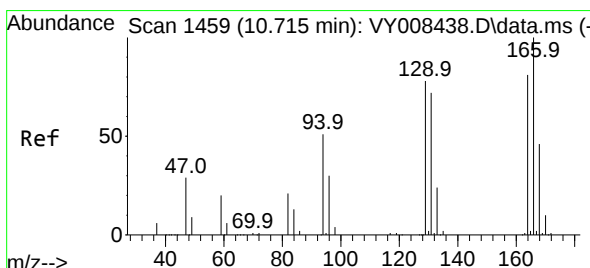
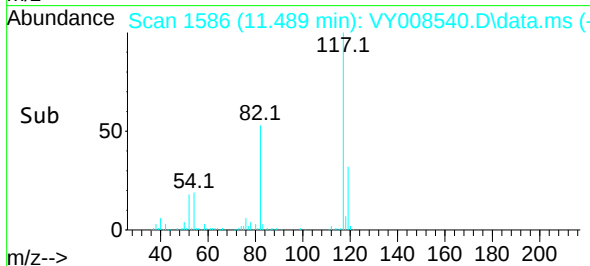
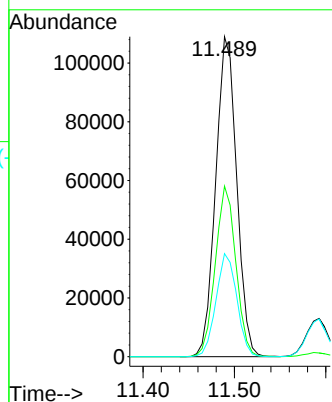
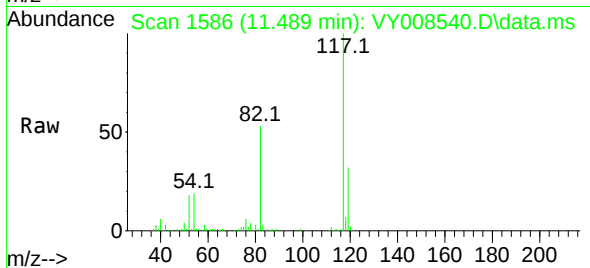
Tgt Ion:117 Resp: 174160

Ion Ratio Lower Upper

117 100

82 53.3 43.0 64.4

119 32.2 25.4 38.0



#64

Tetrachloroethene

Concen: 22.315 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY008540.D

Acq: 28 Apr 2022 12:14

Tgt Ion:164 Resp: 28821

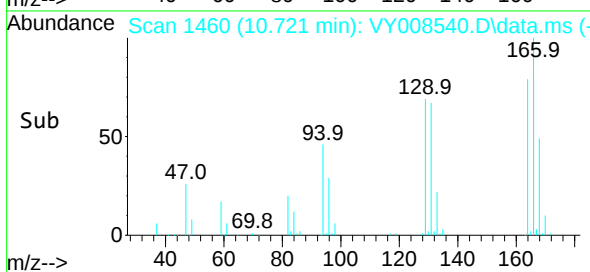
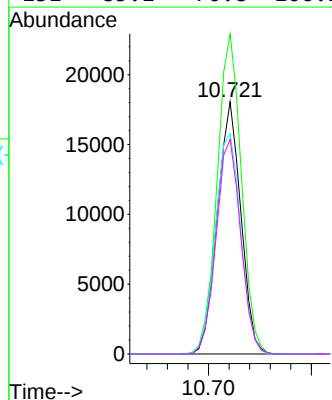
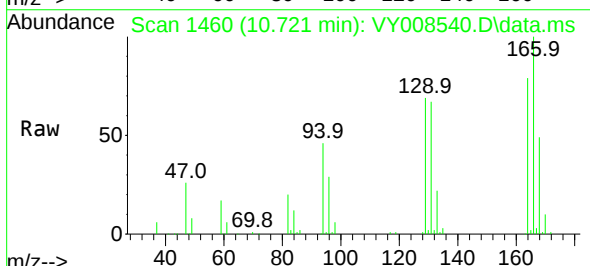
Ion Ratio Lower Upper

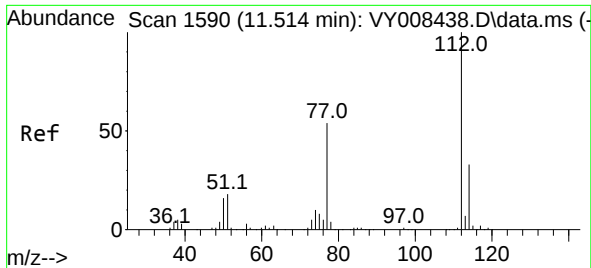
164 100

166 126.9 100.4 150.6

129 87.3 71.4 107.0

131 85.1 70.8 106.2

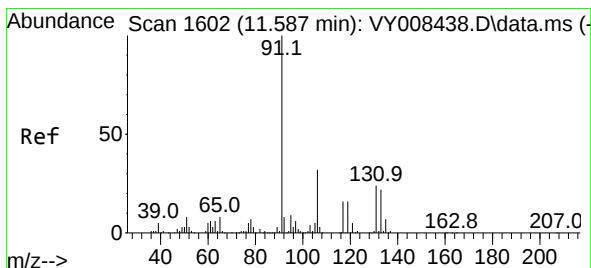
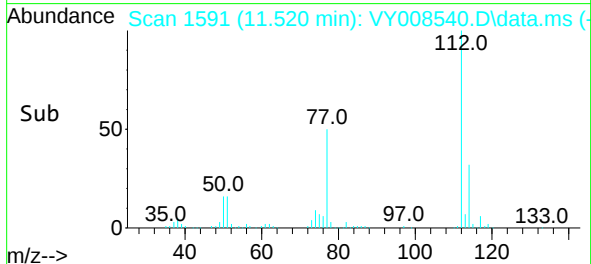
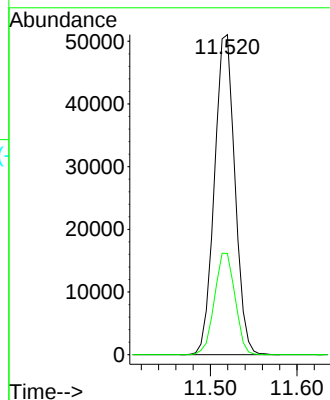
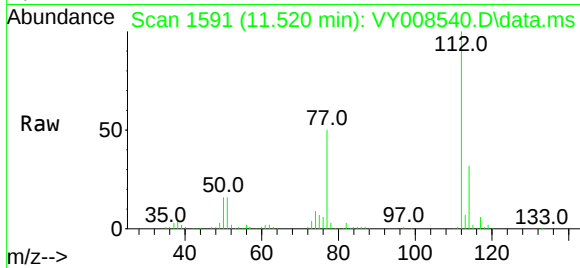




#65
Chlorobenzene
Concen: 21.286 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

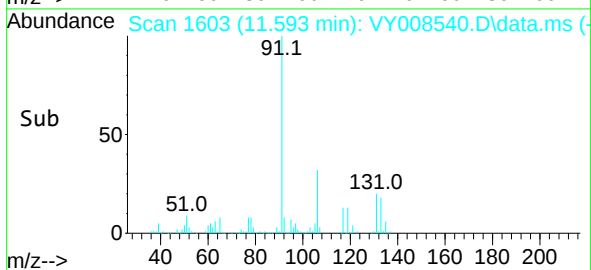
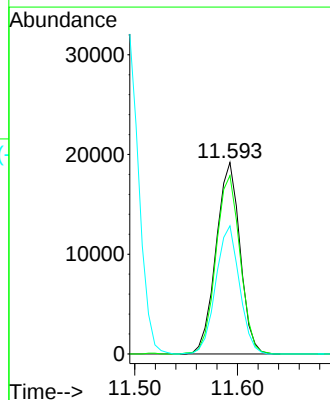
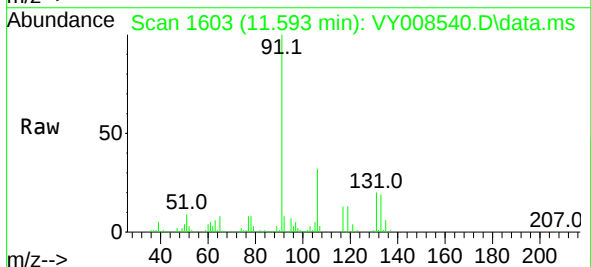
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBSD01

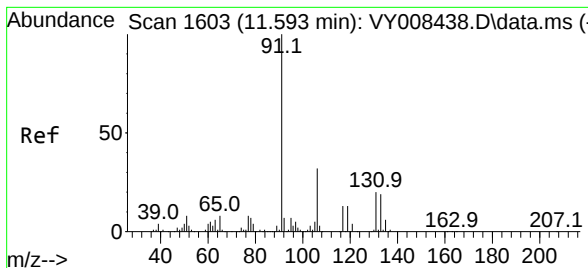
Tgt Ion:112 Resp: 83823
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.381 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

Tgt Ion:131 Resp: 31085
Ion Ratio Lower Upper
131 100
133 93.7 47.9 143.6
119 66.2 30.8 92.3

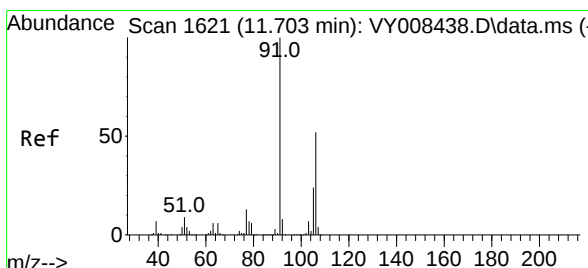
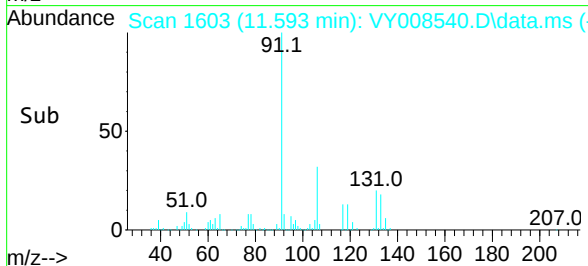
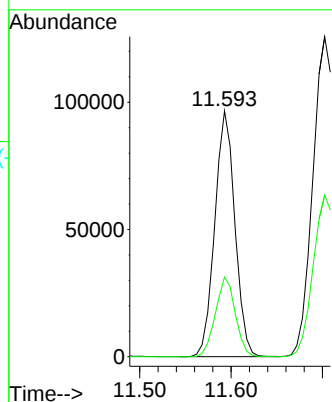
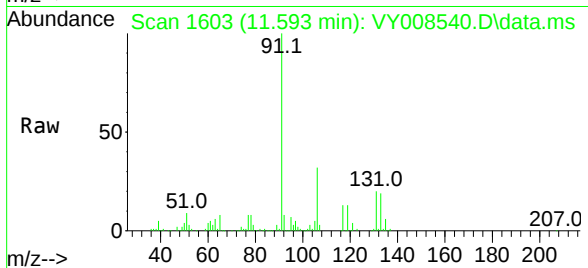




#67
Ethyl Benzene
Concen: 21.572 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

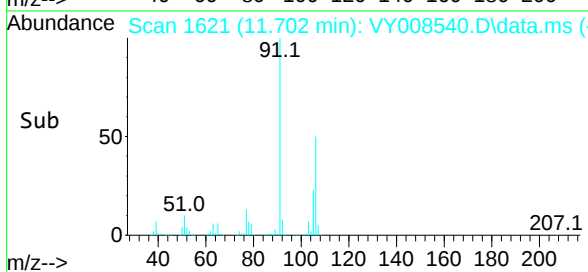
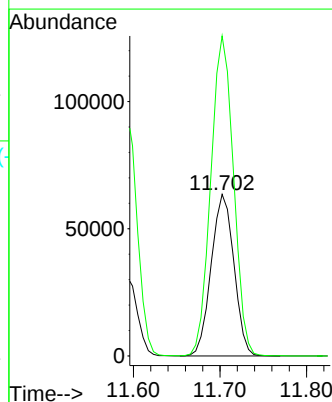
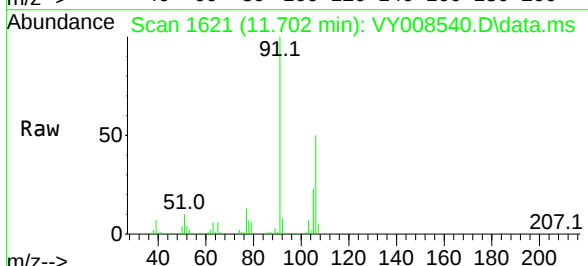
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBSD01

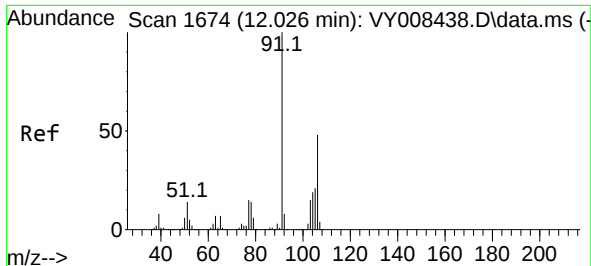
Tgt Ion: 91 Resp: 147429
Ion Ratio Lower Upper
91 100
106 32.4 24.5 36.7



#68
m/p-Xylenes
Concen: 42.329 ug/l
RT: 11.702 min Scan# 1621
Delta R.T. -0.001 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

Tgt Ion:106 Resp: 115879
Ion Ratio Lower Upper
106 100
91 197.7 166.6 249.8





#69

o-Xylene

Concen: 20.956 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY008540.D

Acq: 28 Apr 2022 12:14

Instrument :

MSVOA_Y

ClientSampleId :

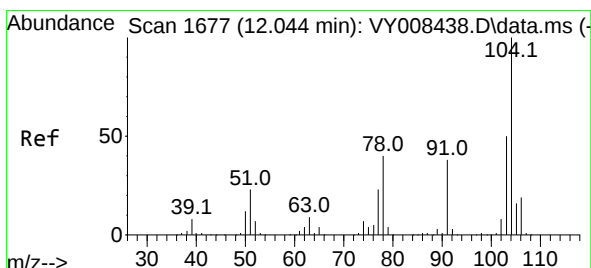
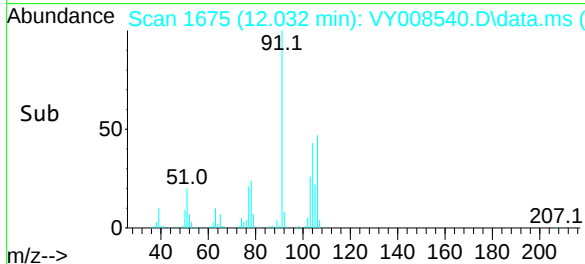
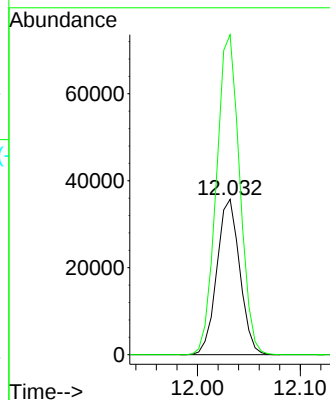
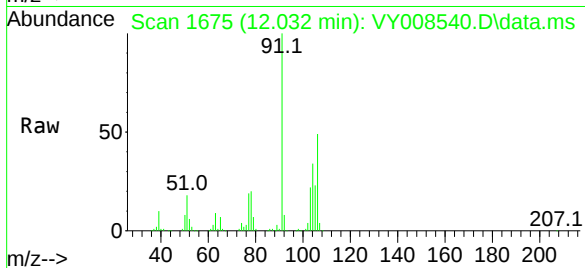
VY0428SBSD01

Tgt Ion:106 Resp: 55231

Ion Ratio Lower Upper

106 100

91 209.7 110.3 331.0



#70

Styrene

Concen: 20.831 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY008540.D

Acq: 28 Apr 2022 12:14

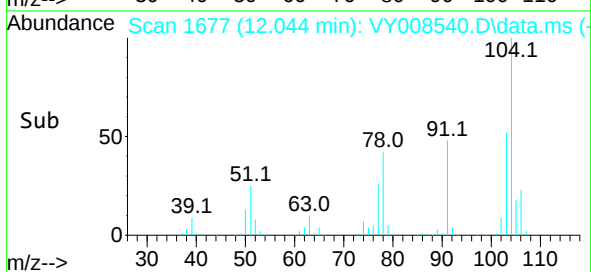
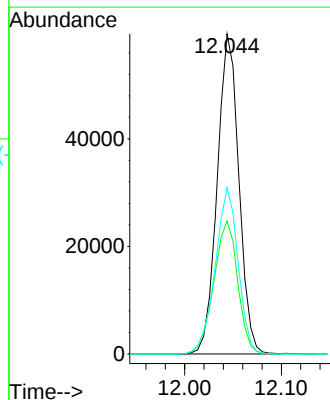
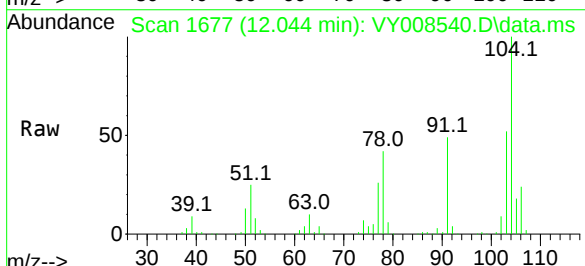
Tgt Ion:104 Resp: 92521

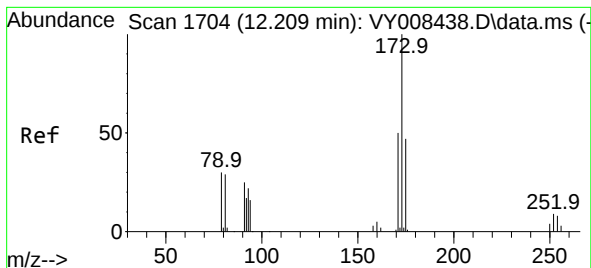
Ion Ratio Lower Upper

104 100

78 45.7 42.4 63.6

103 54.7 44.4 66.6





#71

Bromoform

Concen: 19.831 ug/l

RT: 12.208 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY008540.D

Acq: 28 Apr 2022 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0428SBS01

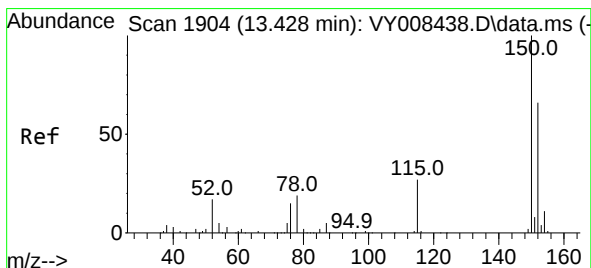
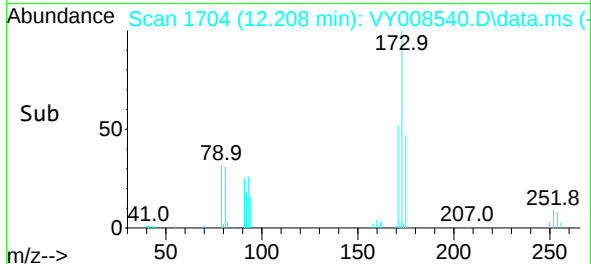
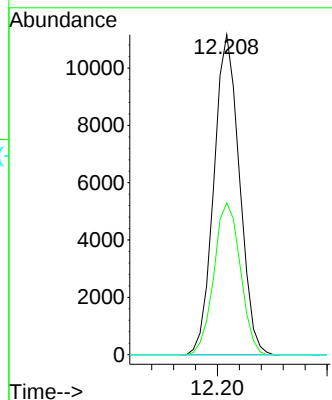
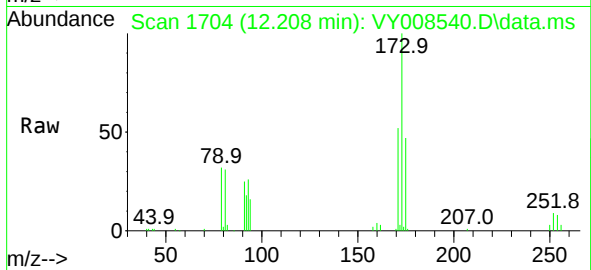
Tgt Ion:173 Resp: 18069

Ion Ratio Lower Upper

173 100

175 49.0 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: VY008540.D

Acq: 28 Apr 2022 12:14

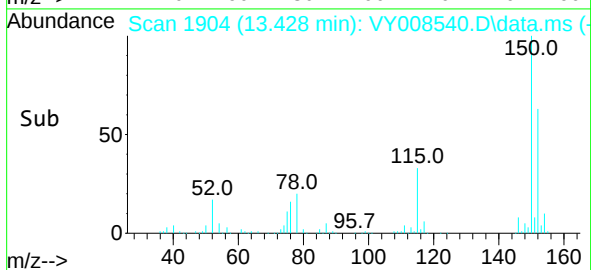
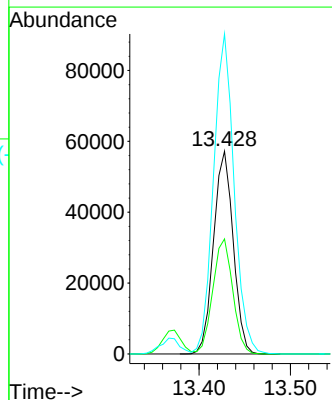
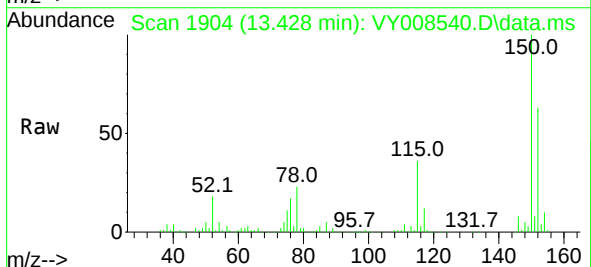
Tgt Ion:152 Resp: 85494

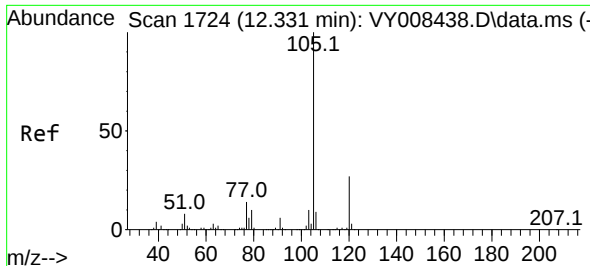
Ion Ratio Lower Upper

152 100

115 57.4 28.2 84.7

150 165.4 0.0 347.6

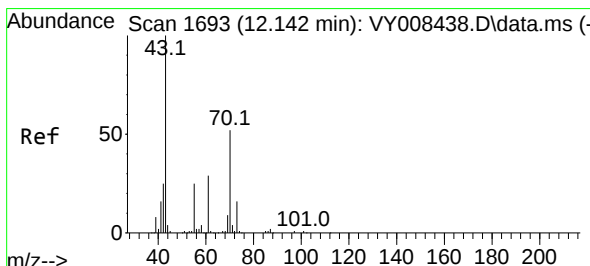
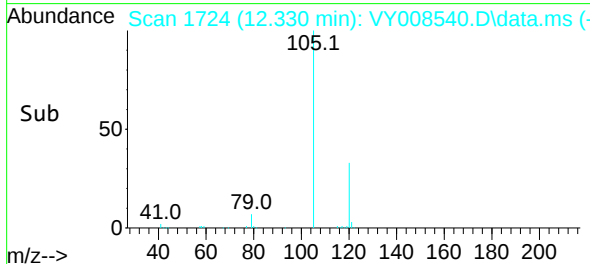
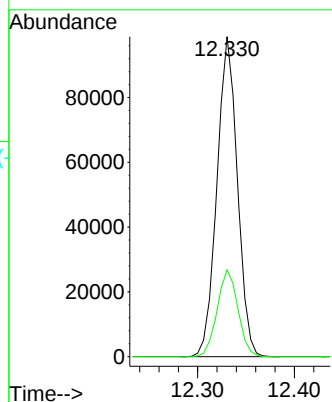
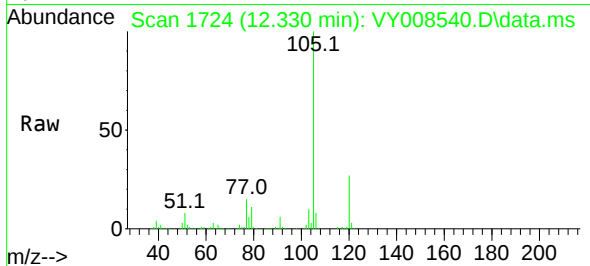




#73
Isopropylbenzene
Concen: 22.363 ug/l
RT: 12.330 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

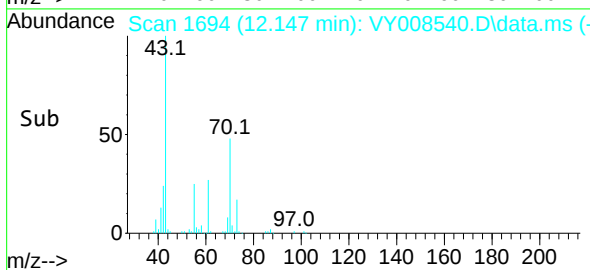
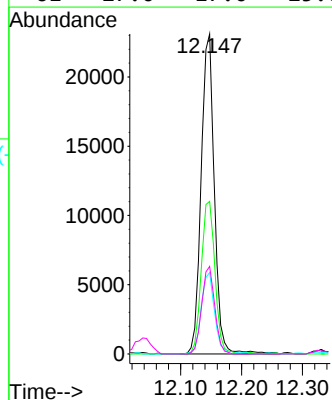
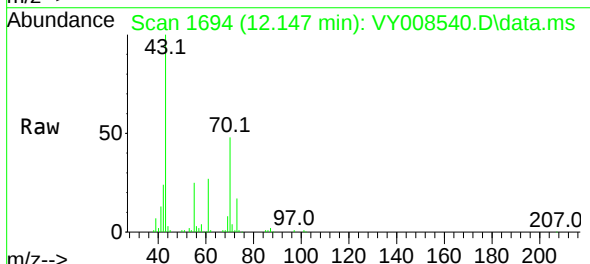
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBS01

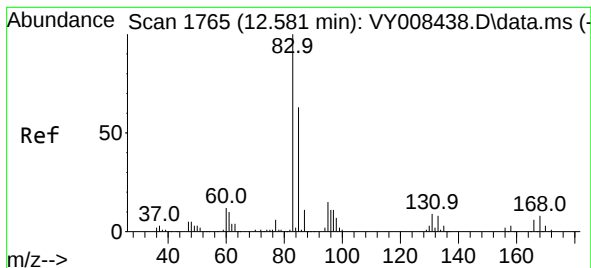
Tgt Ion:105 Resp: 144956
Ion Ratio Lower Upper
105 100
120 27.5 13.4 40.2



#74
N-ethyl acetate
Concen: 21.833 ug/l
RT: 12.147 min Scan# 1694
Delta R.T. 0.005 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

Tgt Ion: 43 Resp: 34968
Ion Ratio Lower Upper
43 100
70 49.0 28.7 43.1#
55 25.4 17.3 25.9
61 27.0 17.0 25.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 21.071 ug/l

RT: 12.580 min Scan# 1765

Delta R.T. -0.001 min

Lab File: VY008540.D

Acq: 28 Apr 2022 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0428SBS01

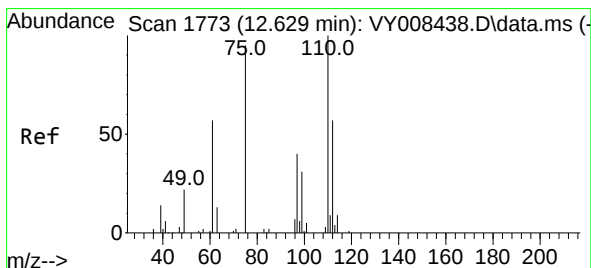
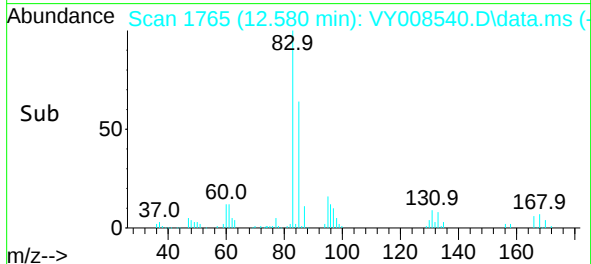
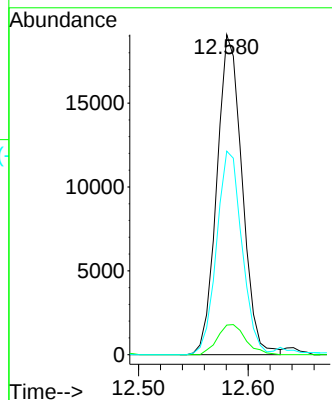
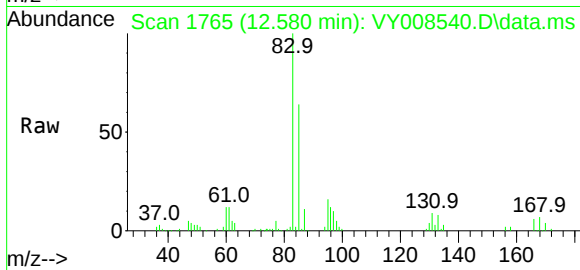
Tgt Ion: 83 Resp: 30517

Ion Ratio Lower Upper

83 100

131 10.5 5.6 16.8

85 64.1 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 35.024 ug/l

RT: 12.635 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY008540.D

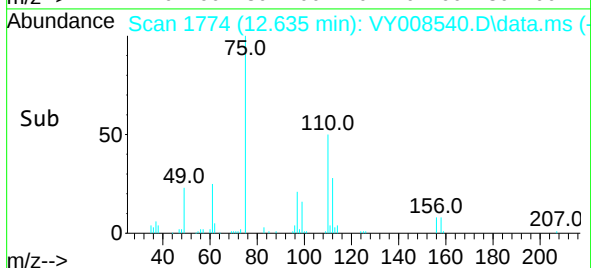
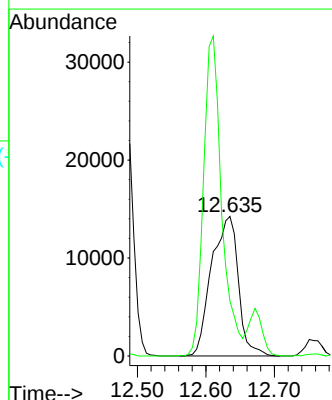
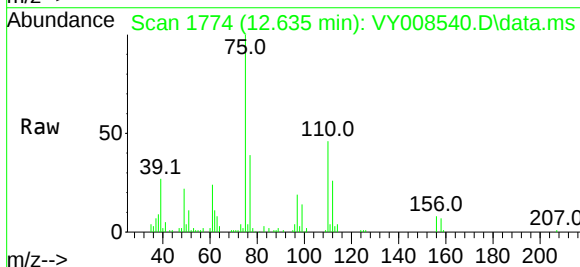
Acq: 28 Apr 2022 12:14

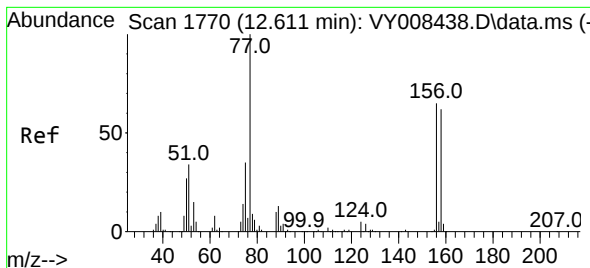
Tgt Ion: 75 Resp: 38752

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.749 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY008540.D

Acq: 28 Apr 2022 12:14

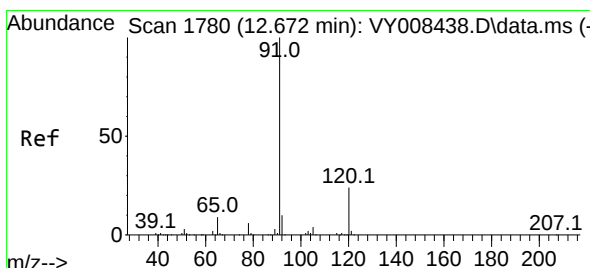
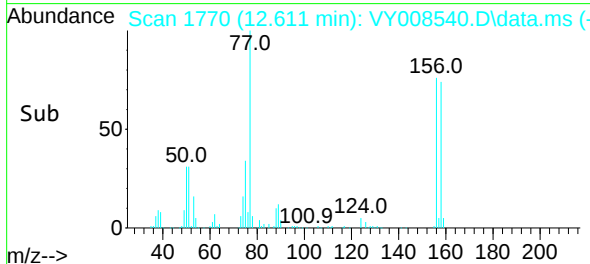
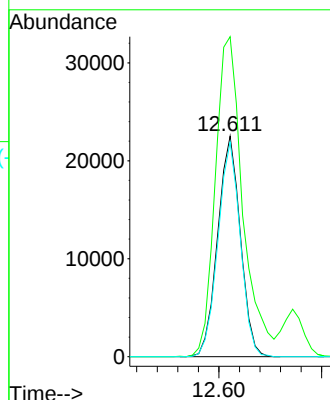
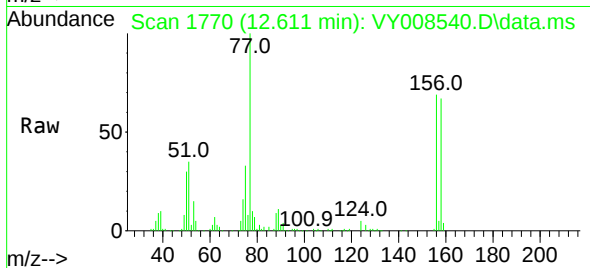
Instrument :

MSVOA_Y

ClientSampleId :

VY0428SBS01

Tgt Ion:	156	Resp:	34382
Ion Ratio	Lower	Upper	
156	100		
77	175.8	95.5	286.4
158	95.7	48.0	144.0



#78

n-propylbenzene

Concen: 22.590 ug/l

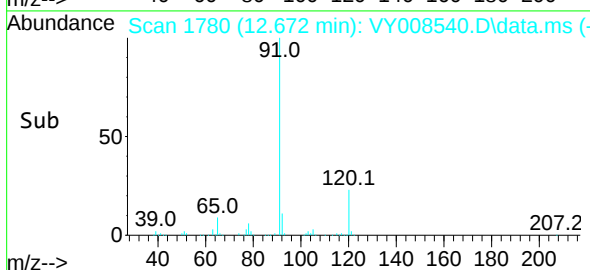
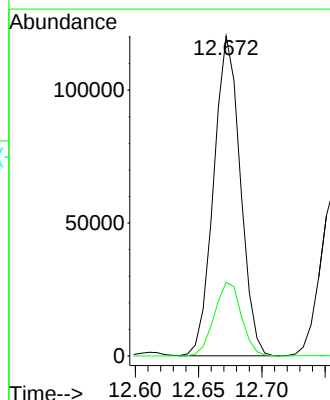
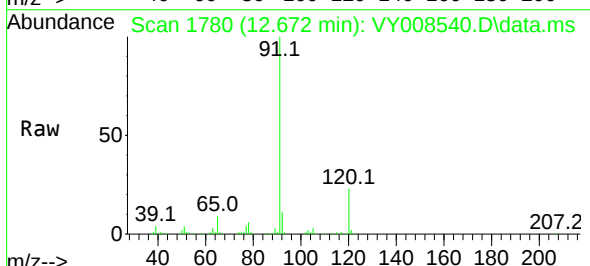
RT: 12.672 min Scan# 1780

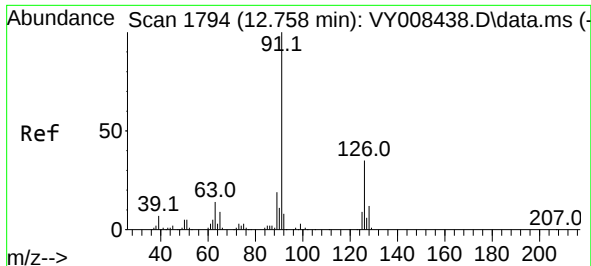
Delta R.T. -0.000 min

Lab File: VY008540.D

Acq: 28 Apr 2022 12:14

Tgt Ion:	91	Resp:	175637
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.3	33.9

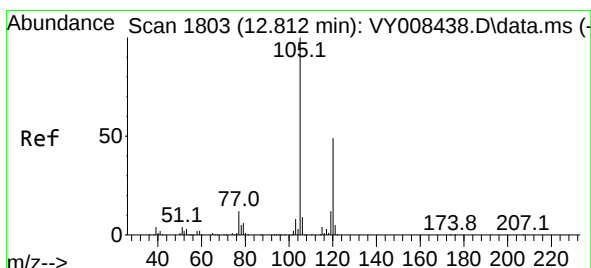
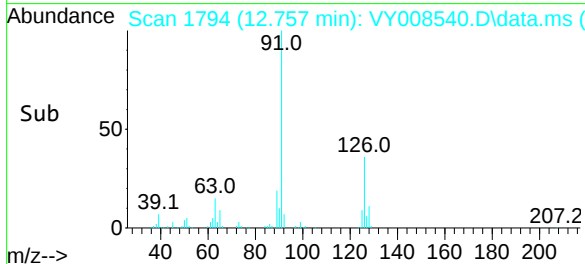
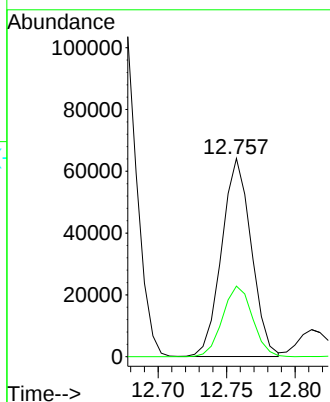
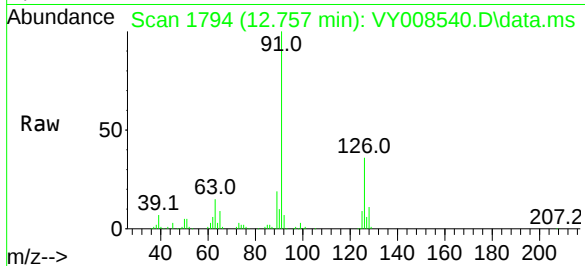




#79
2-Chlorotoluene
Concen: 22.040 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

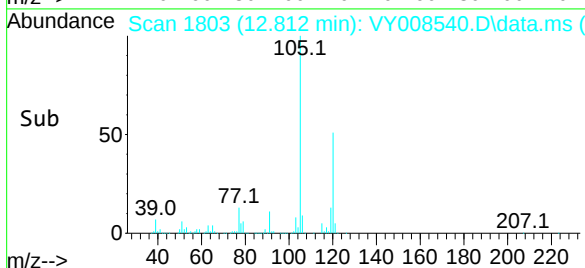
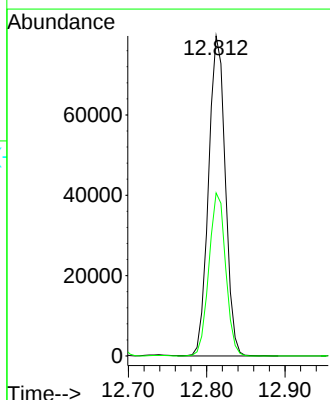
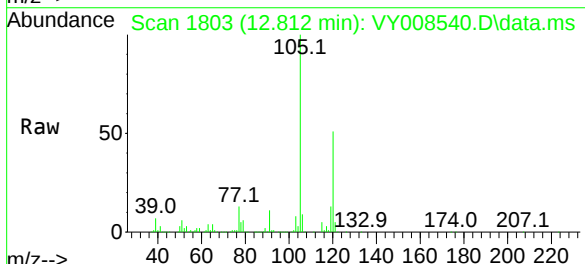
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBS01

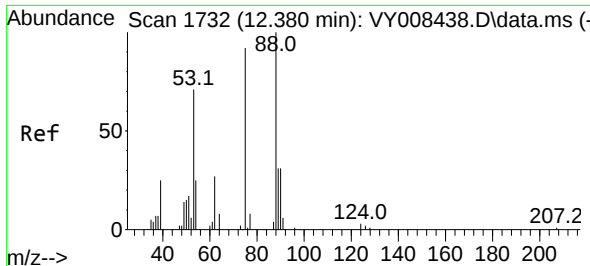
Tgt Ion: 91 Resp: 96447
Ion Ratio Lower Upper
91 100
126 36.0 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 21.945 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

Tgt Ion:105 Resp: 118072
Ion Ratio Lower Upper
105 100
120 50.9 24.4 73.4

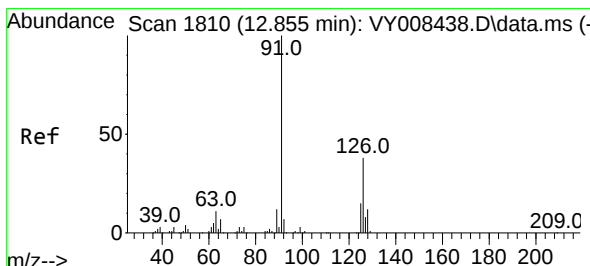
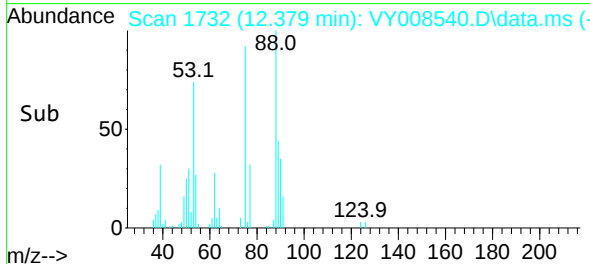
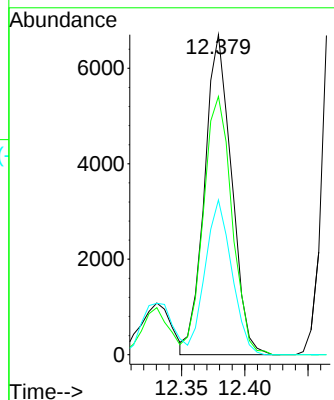
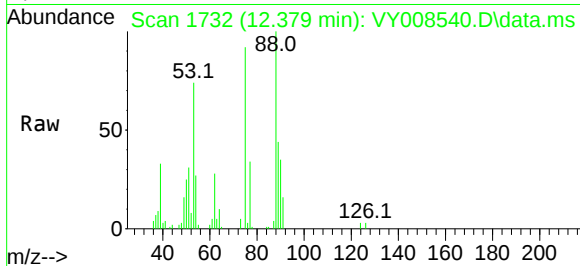




#81
trans-1,4-Dichloro-2-butene
Concen: 20.873 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.001 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

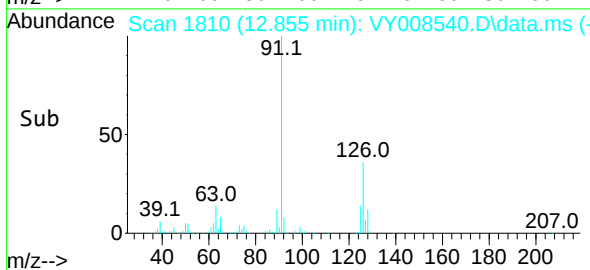
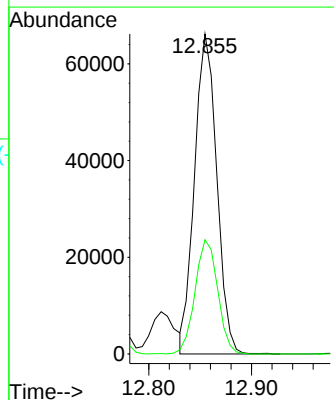
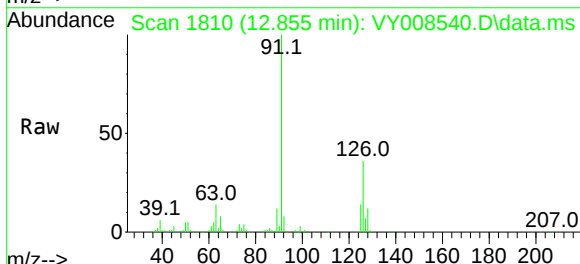
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBSD01

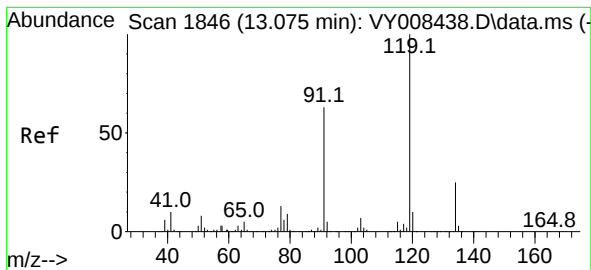
Tgt Ion: 75 Resp: 9955
Ion Ratio Lower Upper
75 100
53 85.8 85.3 127.9
89 47.5 37.0 55.4



#82
4-Chlorotoluene
Concen: 21.954 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

Tgt Ion: 91 Resp: 99556
Ion Ratio Lower Upper
91 100
126 36.5 17.0 51.0

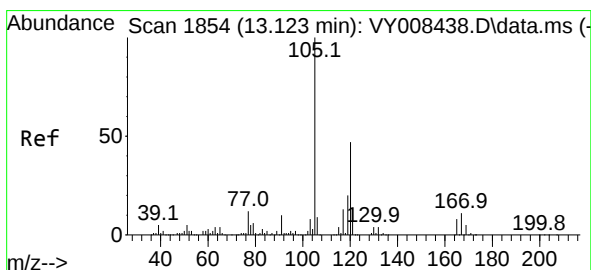
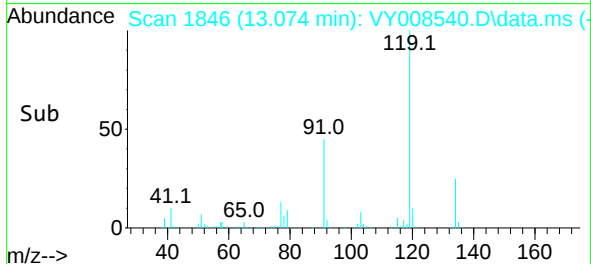
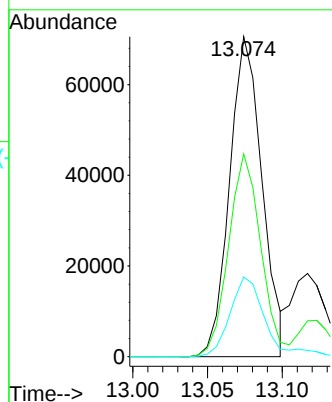
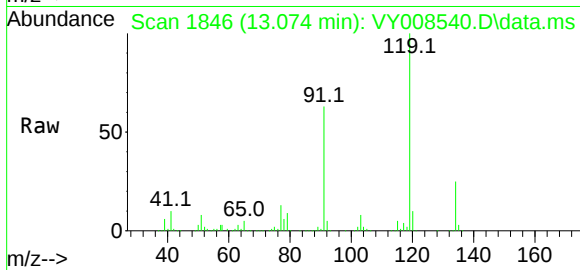




#83
tert-Butylbenzene
Concen: 22.837 ug/l
RT: 13.074 min Scan# 119
Delta R.T. -0.001 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

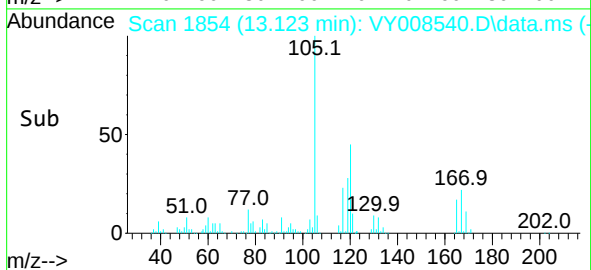
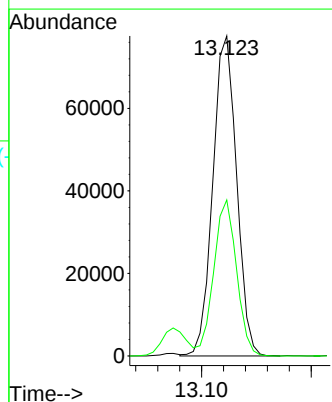
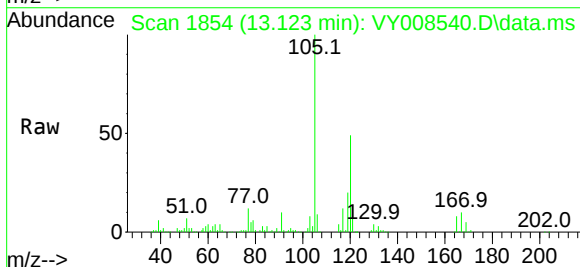
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBSD01

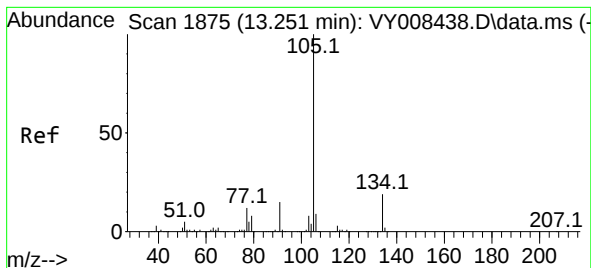
Tgt Ion:119 Resp: 106666
Ion Ratio Lower Upper
119 100
91 62.9 34.8 104.4
134 26.9 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 21.869 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

Tgt Ion:105 Resp: 116750
Ion Ratio Lower Upper
105 100
120 46.9 22.3 66.9





#85

sec-Butylbenzene

Concen: 22.936 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY008540.D

Acq: 28 Apr 2022 12:14

Instrument :

MSVOA_Y

ClientSampleId :

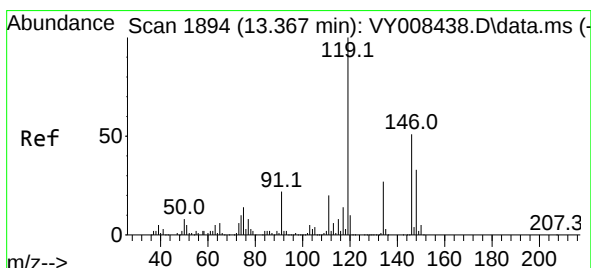
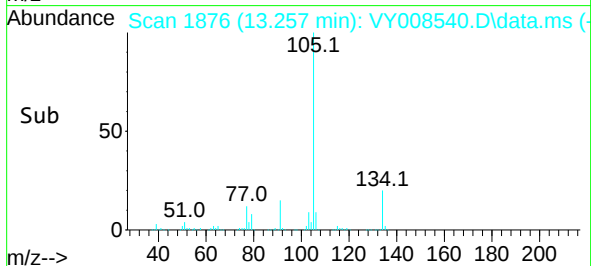
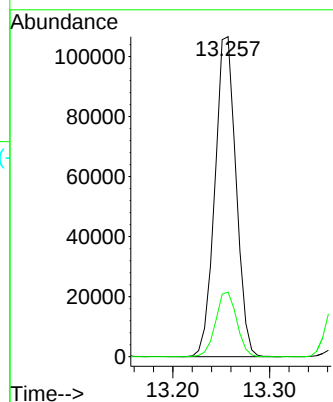
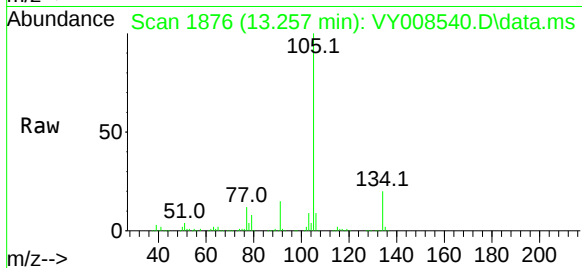
VY0428SBS01

Tgt Ion:105 Resp: 161676

Ion Ratio Lower Upper

105 100

134 20.1 10.2 30.4



#86

p-Isopropyltoluene

Concen: 22.439 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY008540.D

Acq: 28 Apr 2022 12:14

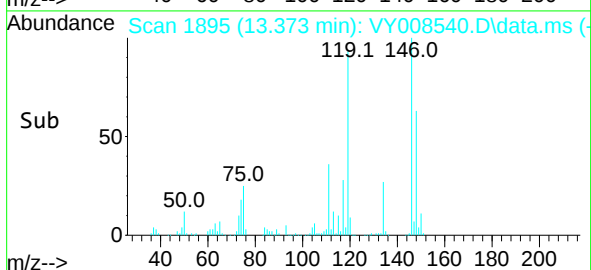
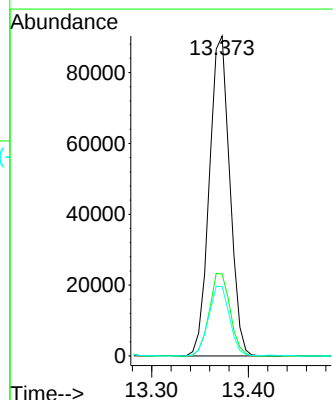
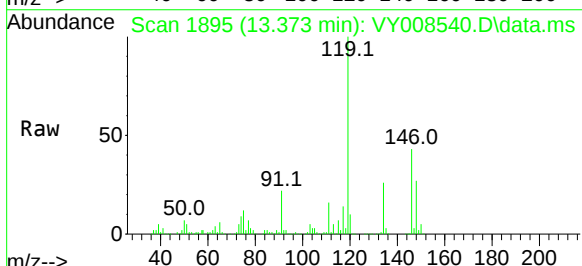
Tgt Ion:119 Resp: 132462

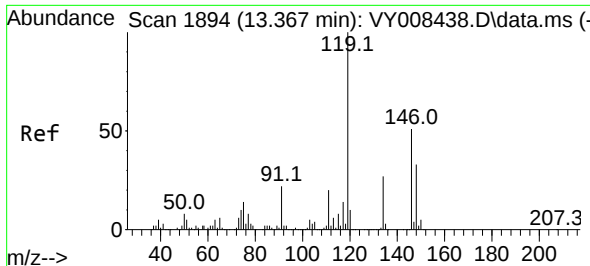
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.5

91 22.5 12.4 37.2

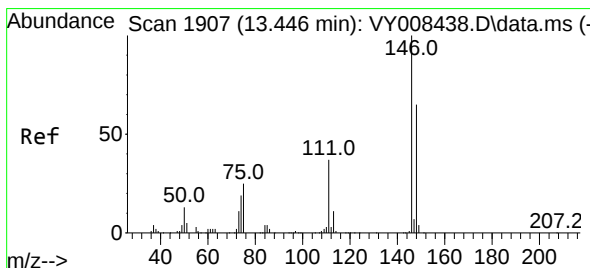
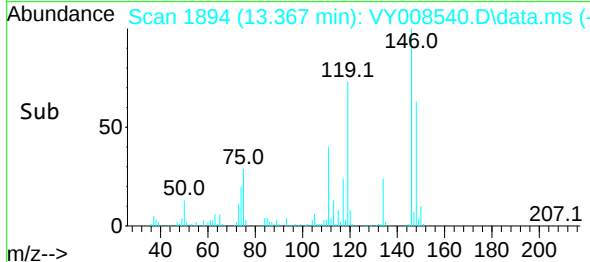
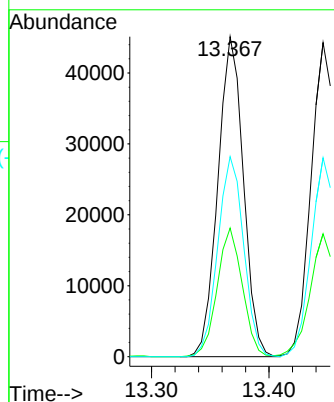
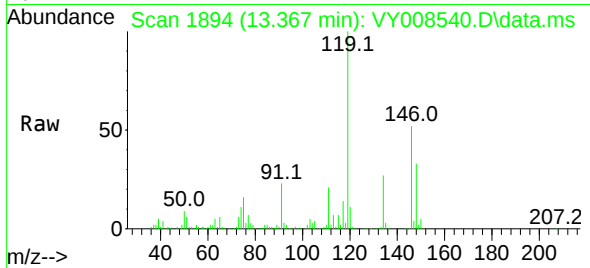




#87
 1,3-Dichlorobenzene
 Concen: 21.570 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY008540.D
 Acq: 28 Apr 2022 12:14

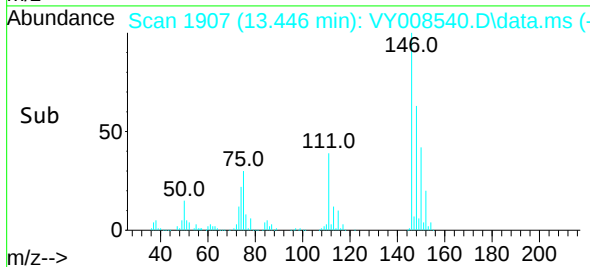
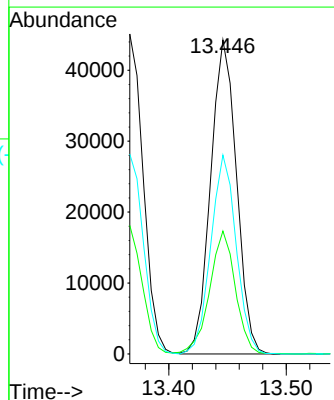
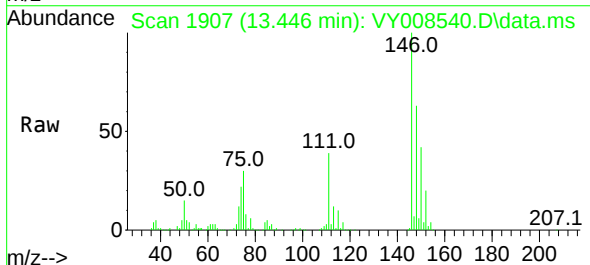
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0428SBS01

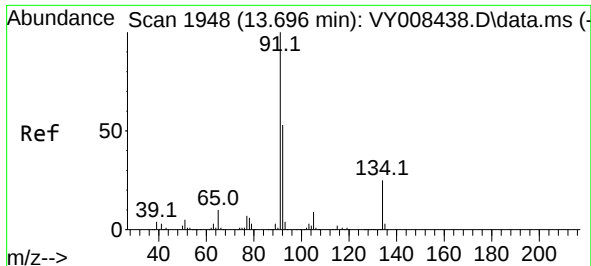
Tgt Ion:146 Resp: 68270
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.5 58.5
 148 63.3 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 21.627 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY008540.D
 Acq: 28 Apr 2022 12:14

Tgt Ion:146 Resp: 67806
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.3 57.8
 148 62.4 32.6 97.8

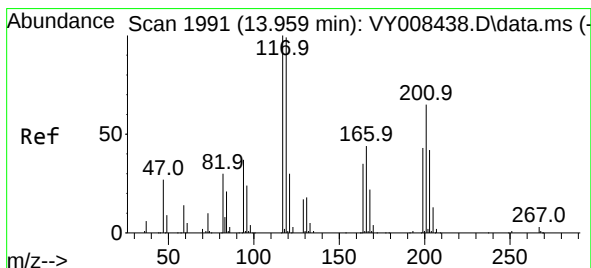
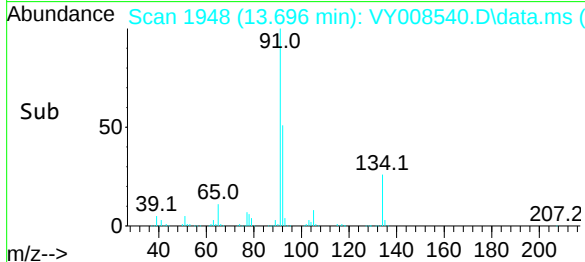
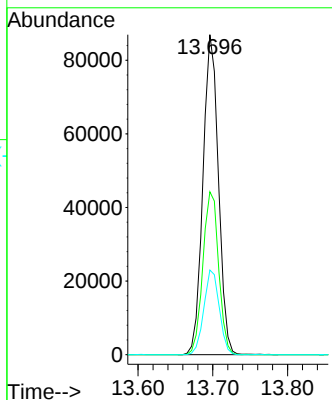
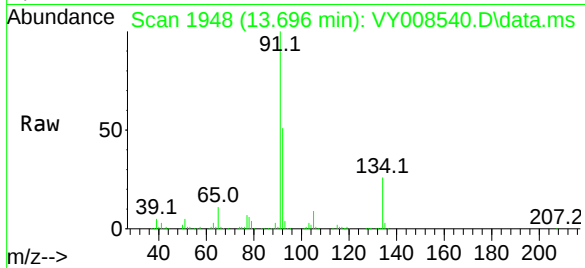




#89
n-Butylbenzene
Concen: 23.335 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

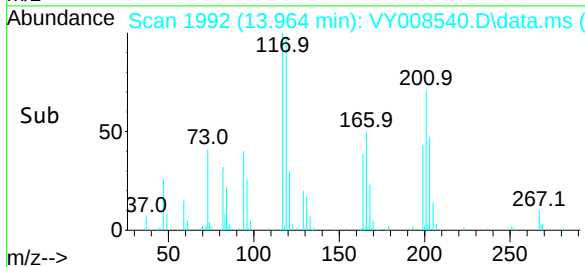
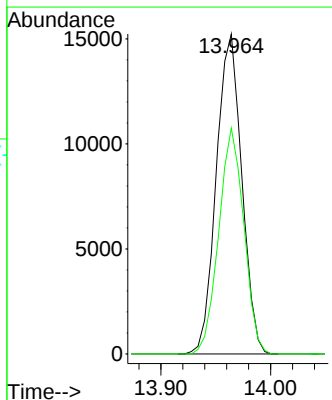
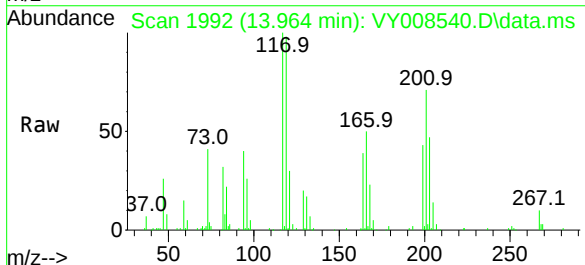
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBS01

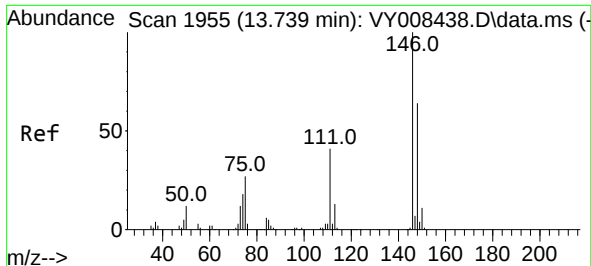
Tgt Ion: 91 Resp: 125027
Ion Ratio Lower Upper
91 100
92 51.9 26.3 78.9
134 26.4 13.0 38.9



#90
Hexachloroethane
Concen: 23.135 ug/l
RT: 13.964 min Scan# 1992
Delta R.T. 0.005 min
Lab File: VY008540.D
Acq: 28 Apr 2022 12:14

Tgt Ion: 117 Resp: 24554
Ion Ratio Lower Upper
117 100
201 69.6 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 21.255 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY008540.D

Acq: 28 Apr 2022 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0428SBS01

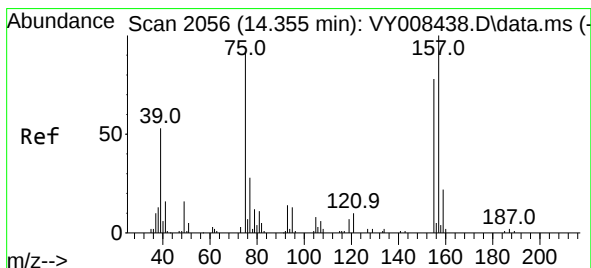
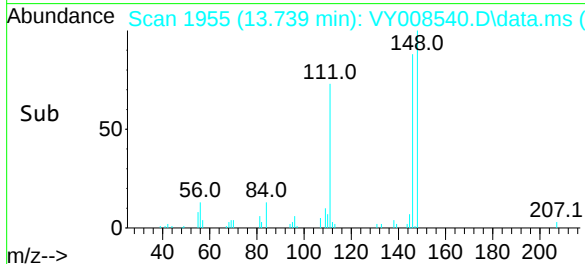
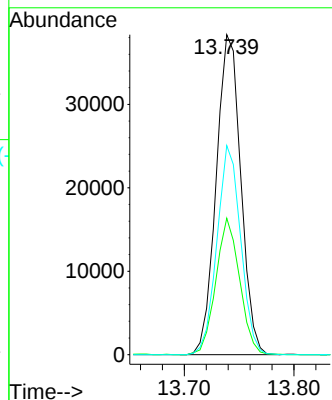
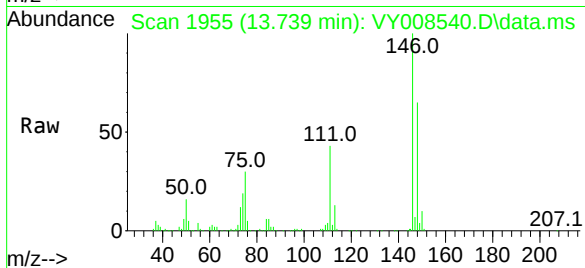
Tgt Ion:146 Resp: 59815

Ion Ratio Lower Upper

146 100

111 41.2 20.3 60.9

148 63.1 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.960 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.005 min

Lab File: VY008540.D

Acq: 28 Apr 2022 12:14

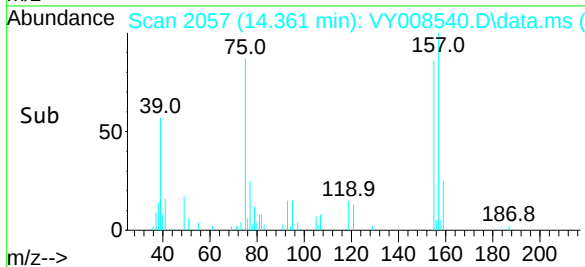
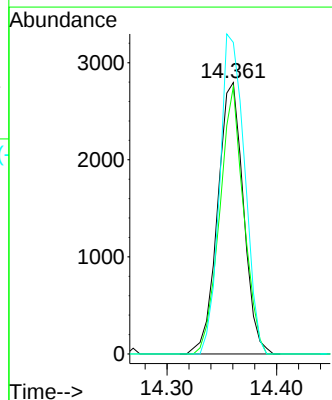
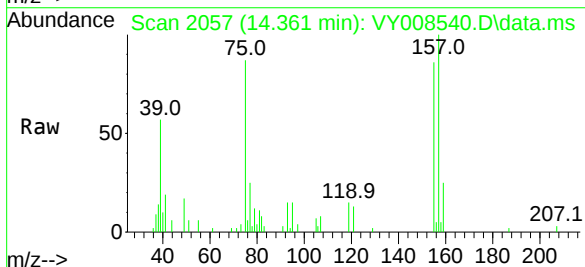
Tgt Ion: 75 Resp: 4562

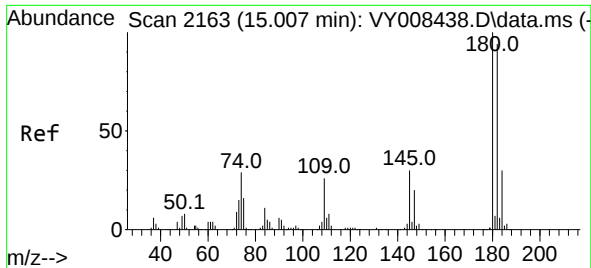
Ion Ratio Lower Upper

75 100

155 91.4 38.0 113.9

157 113.9 47.8 143.3

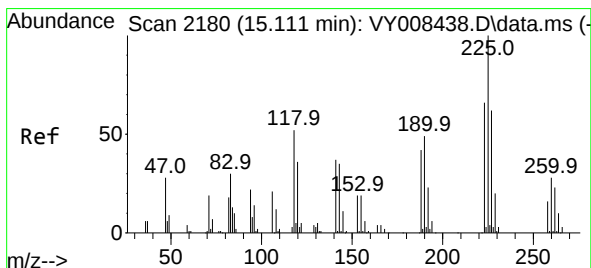
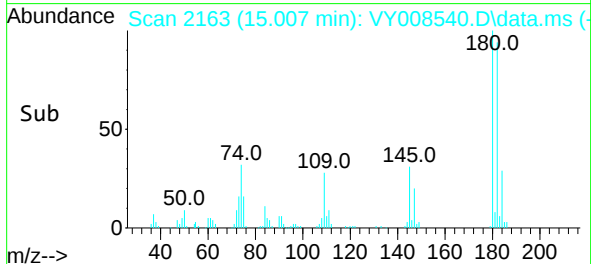
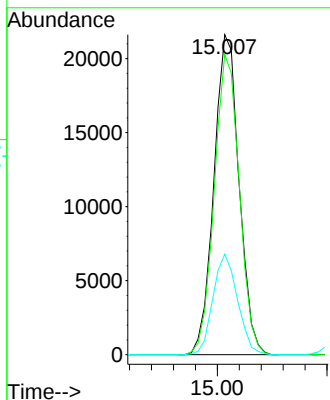
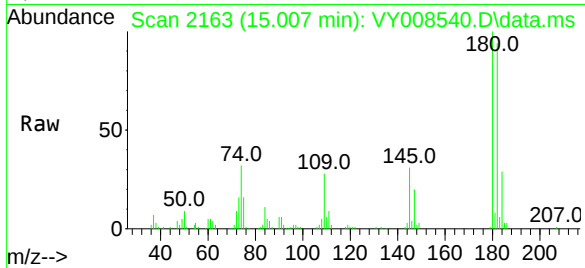




#93
 1,2,4-Trichlorobenzene
 Concen: 21.951 ug/l
 RT: 15.007 min Scan# 2163
 Delta R.T. -0.000 min
 Lab File: VY008540.D
 Acq: 28 Apr 2022 12:14

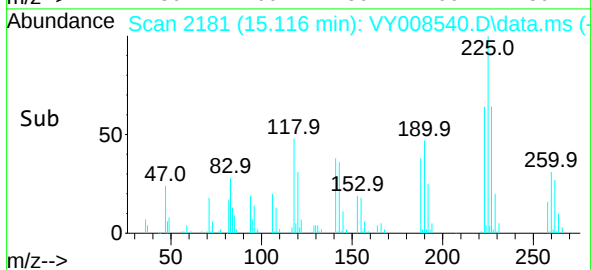
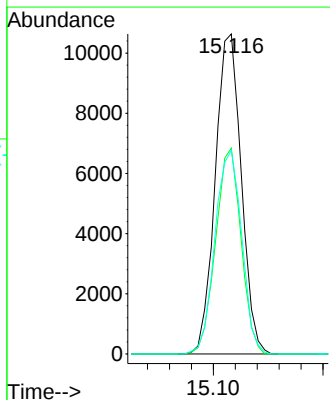
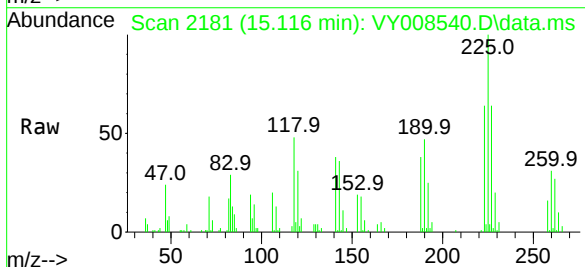
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0428SBS01

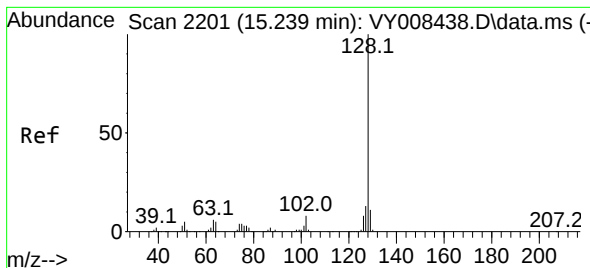
Tgt Ion:180 Resp: 34386
 Ion Ratio Lower Upper
 180 100
 182 93.6 47.3 141.9
 145 30.7 14.6 43.8



#94
 Hexachlorobutadiene
 Concen: 22.917 ug/l
 RT: 15.116 min Scan# 2181
 Delta R.T. 0.005 min
 Lab File: VY008540.D
 Acq: 28 Apr 2022 12:14

Tgt Ion:225 Resp: 17516
 Ion Ratio Lower Upper
 225 100
 223 62.8 30.8 92.3
 227 65.3 31.6 94.7





#95

Naphthalene

Concen: 21.217 ug/l

RT: 15.238 min Scan# 21

Delta R.T. -0.001 min

Lab File: VY008540.D

Acq: 28 Apr 2022 12:14

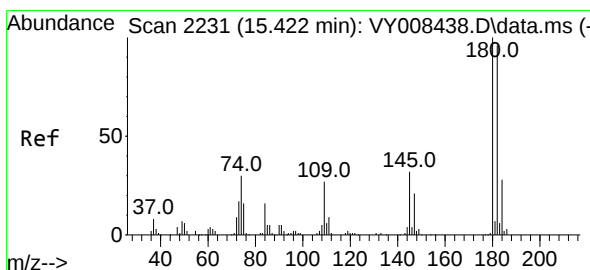
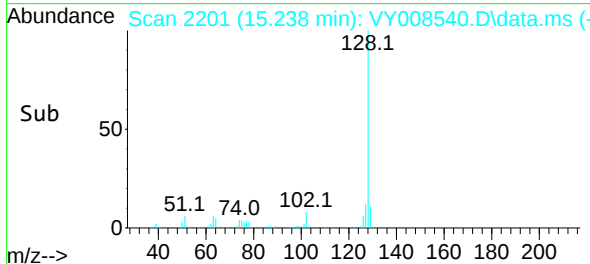
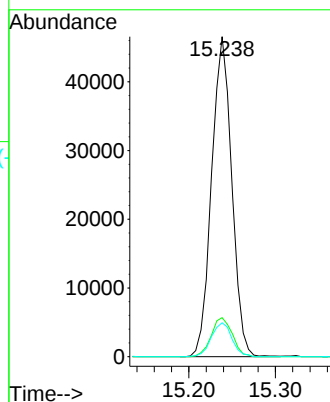
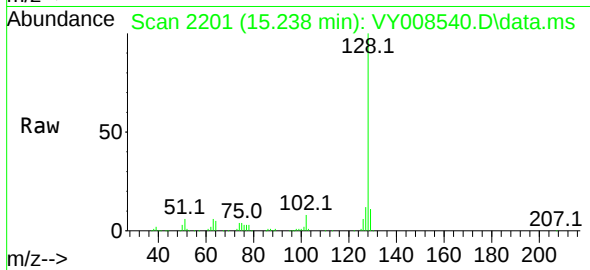
Instrument :

MSVOA_Y

ClientSampleId :

VY0428SBS01

Tgt Ion:128	Resp:	75345
Ion Ratio	Lower	Upper
128	100	
127	12.7	11.0 16.4
129	10.8	8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 21.955 ug/l

RT: 15.427 min Scan# 2232

Delta R.T. 0.005 min

Lab File: VY008540.D

Acq: 28 Apr 2022 12:14

Tgt Ion:180	Resp:	30103
Ion Ratio	Lower	Upper
180	100	
182	94.5	47.3 141.9
145	31.9	15.3 45.9

