

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042122\
 Data File : VY008439.D
 Acq On : 21 Apr 2022 13:20
 Operator : KP/MD
 Sample : VSTDIC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 21 14:10:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 13:56:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	107632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	188398	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	177879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	134958	122.256	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	244.520%#
35) Dibromofluoromethane	7.716	113	130729	113.710	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	227.420%#
50) Toluene-d8	10.179	98	493904	123.927	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	247.860%#
62) 4-Bromofluorobenzene	12.483	95	176798	118.804	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	237.600%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	102461	110.034	ug/l	96
3) Chloromethane	2.113	50	146310	115.807	ug/l	95
4) Vinyl Chloride	2.253	62	194970	116.889	ug/l	98
5) Bromomethane	2.644	94	170454	112.911	ug/l	98
6) Chloroethane	2.790	64	131935	114.605	ug/l	98
7) Trichlorofluoromethane	3.125	101	208466	109.388	ug/l	91
8) Diethyl Ether	3.528	74	70903	102.953	ug/l	70
9) 1,1,2-Trichlorotrifluo...	3.899	101	126337	104.233	ug/l	94
10) Methyl Iodide	4.094	142	169555	135.526	ug/l	91
11) Tert butyl alcohol	4.954	59	64090	558.269	ug/l #	94
12) 1,1-Dichloroethene	3.875	96	119135	107.838	ug/l #	77
13) Acrolein	3.729	56	65584	713.162	ug/l	99
14) Allyl chloride	4.479	41	160365	111.799	ug/l #	90
15) Acrylonitrile	5.161	53	180657	533.127	ug/l	98
16) Acetone	3.948	43	151181	581.254	ug/l #	85
17) Carbon Disulfide	4.192	76	370657	123.086	ug/l	100
18) Methyl Acetate	4.479	43	77831	104.761	ug/l #	82
19) Methyl tert-butyl Ether	5.216	73	375710	109.405	ug/l	92
20) Methylene Chloride	4.716	84	144345	82.587	ug/l #	79
21) trans-1,2-Dichloroethene	5.222	96	146913	110.601	ug/l #	82
22) Diisopropyl ether	6.119	45	373700	109.721	ug/l #	92
23) Vinyl Acetate	6.058	43	1307538	581.880	ug/l #	86
24) 1,1-Dichloroethane	6.021	63	237505	109.042	ug/l	97
25) 2-Butanone	6.984	43	234556	577.021	ug/l #	75
26) 2,2-Dichloropropane	6.984	77	221593	110.866	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	168611	107.806	ug/l	82
28) Bromochloromethane	7.332	49	88107	105.586	ug/l #	70
29) Tetrahydrofuran	7.350	42	147656	566.594	ug/l #	71
30) Chloroform	7.508	83	257412	106.001	ug/l	99
31) Cyclohexane	7.783	56	205752	108.104	ug/l #	84
32) 1,1,1-Trichloroethane	7.704	97	232554	110.004	ug/l	95
36) 1,1-Dichloropropene	7.917	75	196768	109.859	ug/l	96
37) Ethyl Acetate	7.076	43	104117	110.989	ug/l #	92
38) Carbon Tetrachloride	7.905	117	211411	110.425	ug/l	99
39) Methylcyclohexane	9.185	83	267690	116.026	ug/l #	85
40) Benzene	8.161	78	582533	108.972	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	137760	268.180	ug/l #	39
42) 1,2-Dichloroethane	8.240	62	170246	108.701	ug/l	90
43) Isopropyl Acetate	8.271	43	200630	114.135	ug/l #	85
44) Trichloroethene	8.941	130	162785	108.228	ug/l	97
45) 1,2-Dichloropropane	9.216	63	140180	107.389	ug/l	95
46) Dibromomethane	9.307	93	95847	109.482	ug/l	94
47) Bromodichloromethane	9.496	83	207428	106.839	ug/l	100
48) Methyl methacrylate	9.295	41	84704	112.954	ug/l #	74
49) 1,4-Dioxane	9.301	88	24608	2202.361	ug/l #	75
51) 4-Methyl-2-Pentanone	10.069	43	521033	572.454	ug/l #	83
52) Toluene	10.246	92	392645	111.727	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	226938	113.258	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	246431	110.027	ug/l #	83
55) 1,1,2-Trichloroethane	10.648	97	129405	104.711	ug/l	98
56) Ethyl methacrylate	10.508	69	178992	116.656	ug/l #	74
57) 1,3-Dichloropropane	10.788	76	214116	107.321	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	472697	720.097	ug/l	90
59) 2-Hexanone	10.831	43	371852	590.993	ug/l	80
60) Dibromochloromethane	10.983	129	156286	108.598	ug/l	99
61) 1,2-Dibromoethane	11.087	107	131004	108.241	ug/l	99
64) Tetrachloroethene	10.721	164	137332	108.324	ug/l	97
65) Chlorobenzene	11.514	112	423639	108.061	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	160877	110.516	ug/l	96
67) Ethyl Benzene	11.593	91	758068	113.755	ug/l	97
68) m/p-Xylenes	11.703	106	633103	238.657	ug/l	89
69) o-Xylene	12.032	106	297884	115.927	ug/l	89
70) Styrene	12.044	104	523289	122.556	ug/l	93
71) Bromoform	12.209	173	102457	115.647	ug/l #	99
73) Isopropylbenzene	12.331	105	764879	103.853	ug/l	99
74) N-amyl acetate	12.142	43	180704	108.270	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.581	83	159520	99.899	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	201784	179.612	ug/l #	100
77) Bromobenzene	12.611	156	175705	96.651	ug/l	94
78) n-propylbenzene	12.672	91	903066	103.376	ug/l	97
79) 2-Chlorotoluene	12.758	91	499006	101.488	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	641857	106.173	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	56655	111.999	ug/l #	82
82) 4-Chlorotoluene	12.855	91	543751	107.230	ug/l	96
83) tert-Butylbenzene	13.075	119	554340	102.794	ug/l	93
84) 1,2,4-Trimethylbenzene	13.123	105	643078	107.360	ug/l	96
85) sec-Butylbenzene	13.251	105	842420	104.912	ug/l	99
86) p-Isopropyltoluene	13.367	119	725370	108.649	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	382786	107.101	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	365865	103.457	ug/l	98
89) n-Butylbenzene	13.696	91	624552	102.725	ug/l	98
90) Hexachloroethane	13.959	117	123776	99.158	ug/l	82
91) 1,2-Dichlorobenzene	13.739	146	329629	103.542	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23300	101.573	ug/l	75
93) 1,2,4-Trichlorobenzene	15.007	180	170801	90.804	ug/l	98
94) Hexachlorobutadiene	15.111	225	83159	88.027	ug/l	100
95) Naphthalene	15.239	128	390279	95.491	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	146696	88.824	ug/l	98

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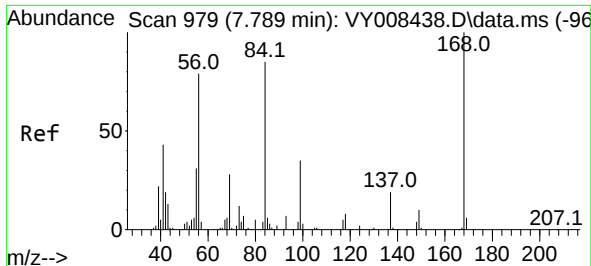
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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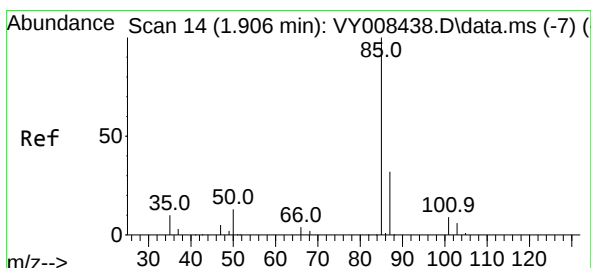
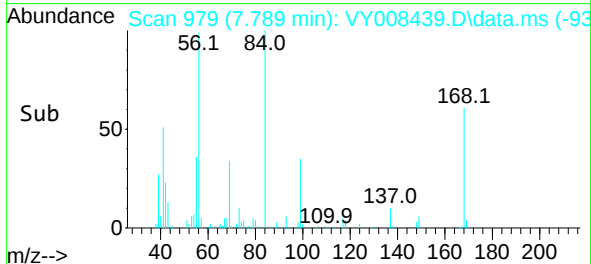
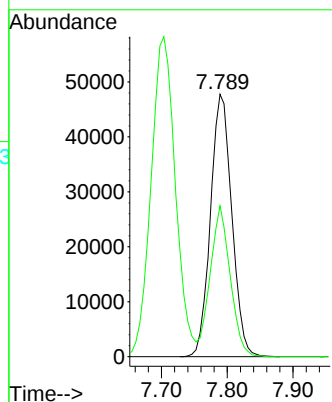
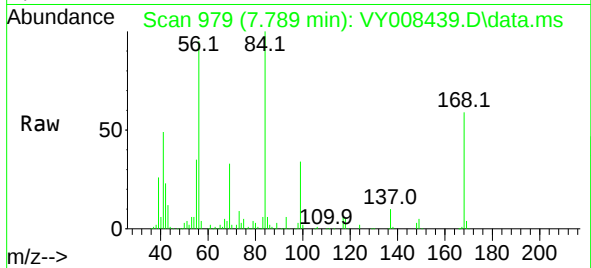




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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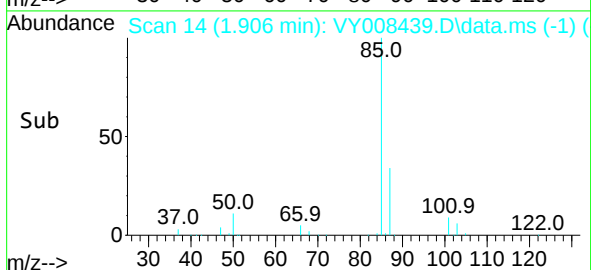
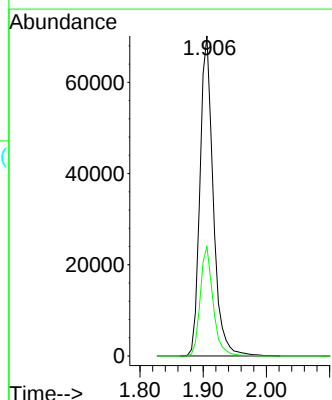
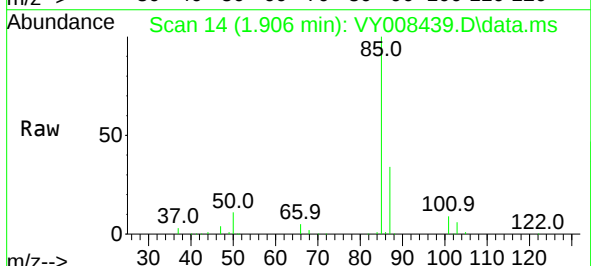
Instrument :
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ClientSampleId :

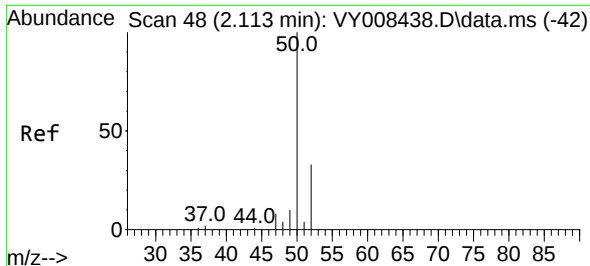
Tgt Ion:168 Resp: 107632
Ion Ratio Lower Upper
168 100
99 57.5 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 110.034 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

Tgt Ion: 85 Resp: 102461
Ion Ratio Lower Upper
85 100
87 34.2 16.1 48.2

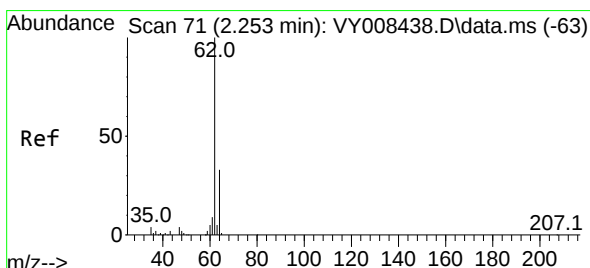
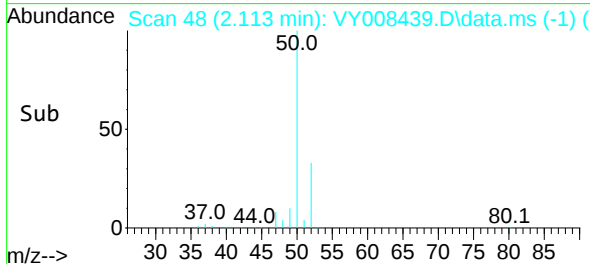
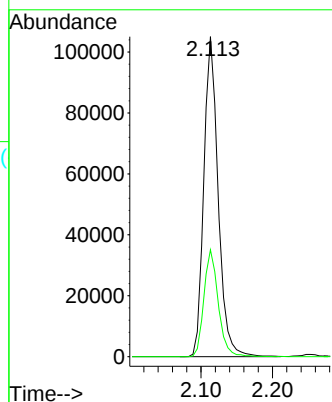
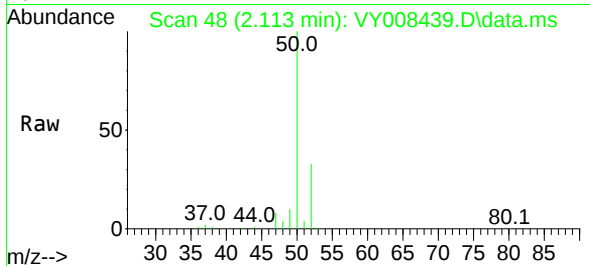




#3
Chloromethane
Concen: 115.807 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY008439.D
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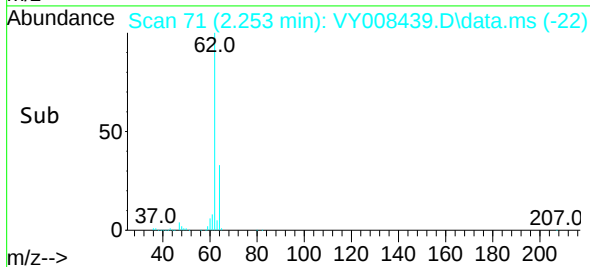
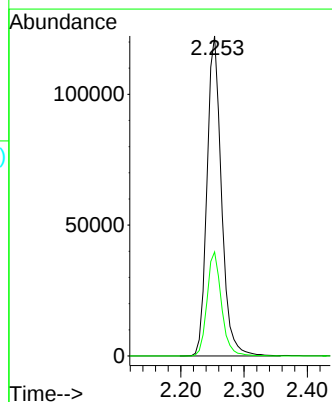
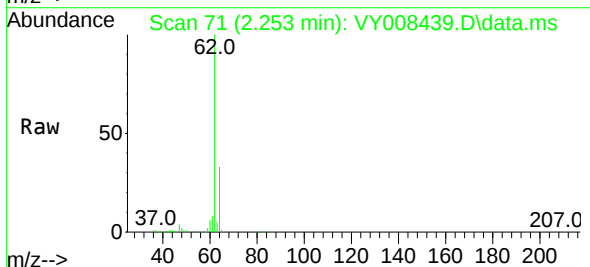
Instrument :
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ClientSampleId :

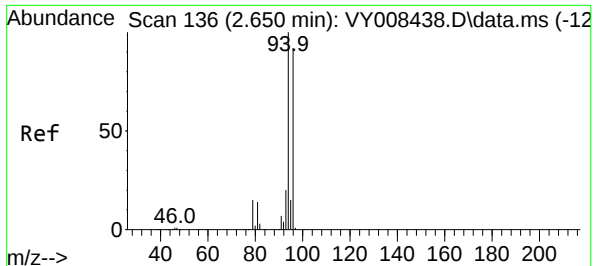
Tgt Ion: 50 Resp: 146310
Ion Ratio Lower Upper
50 100
52 33.4 24.6 37.0



#4
Vinyl Chloride
Concen: 116.889 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

Tgt Ion: 62 Resp: 194970
Ion Ratio Lower Upper
62 100
64 32.5 25.0 37.6

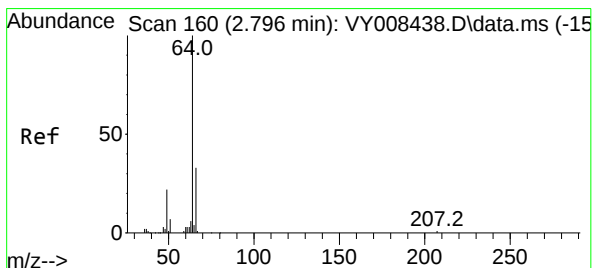
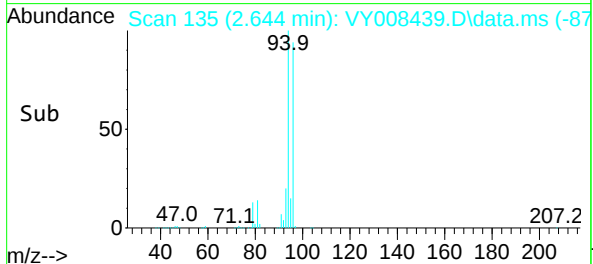
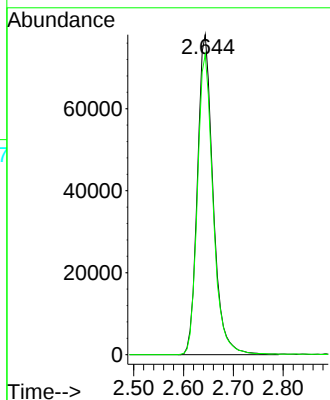
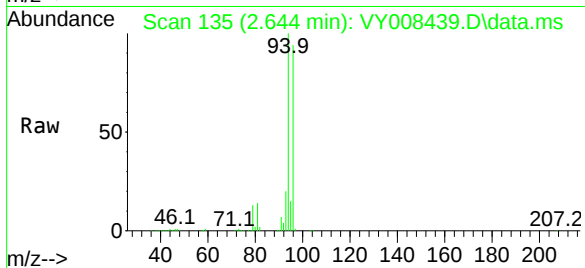




#5
Bromomethane
Concen: 112.911 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

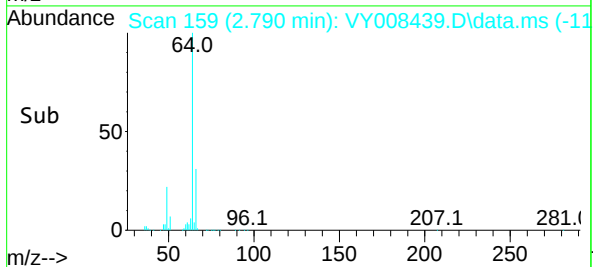
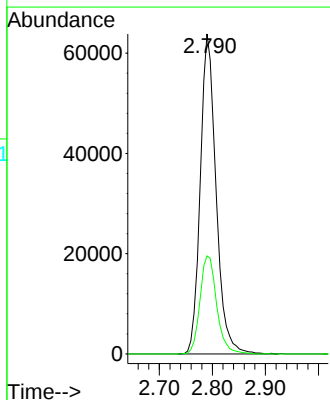
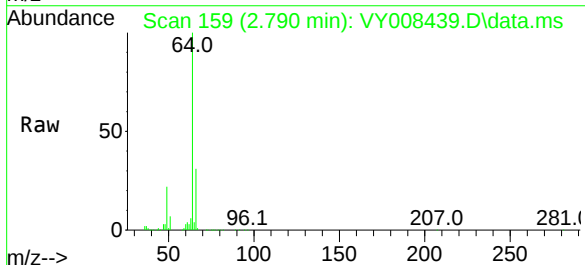
Instrument :
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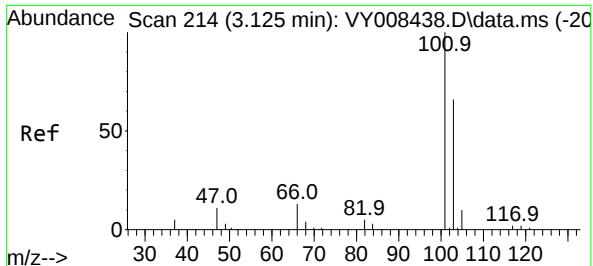
Tgt Ion: 94 Resp: 170454
Ion Ratio Lower Upper
94 100
96 93.8 73.5 110.3



#6
Chloroethane
Concen: 114.605 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

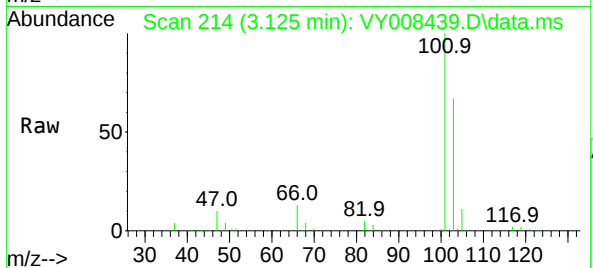
Tgt Ion: 64 Resp: 131935
Ion Ratio Lower Upper
64 100
66 30.6 25.4 38.0



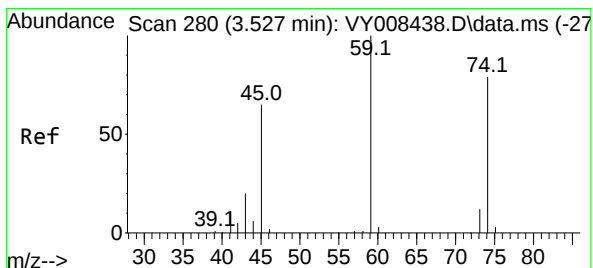
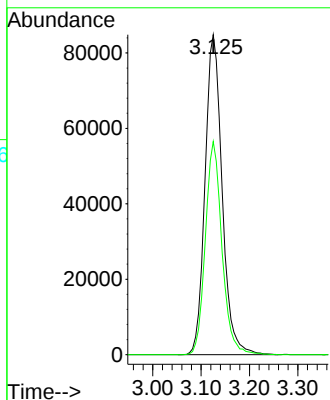
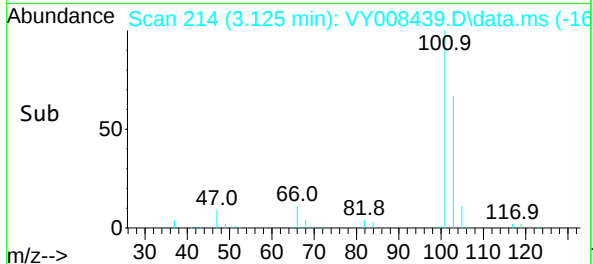


#7
 Trichlorofluoromethane
 Concen: 109.388 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY008439.D
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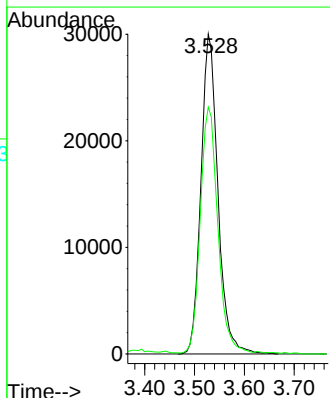
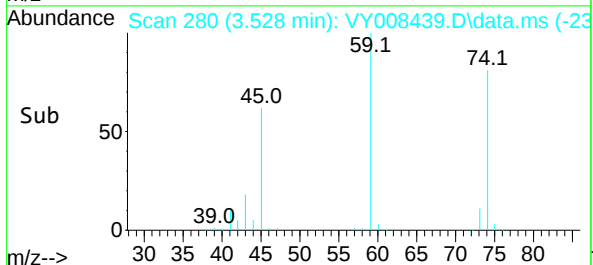
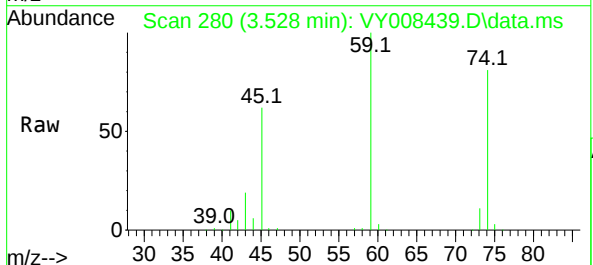


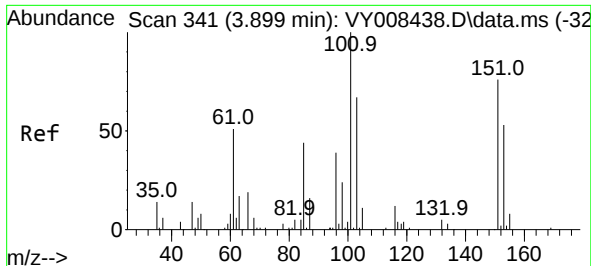
Tgt Ion:101 Resp: 208466
 Ion Ratio Lower Upper
 101 100
 103 66.6 48.0 72.0



#8
 Diethyl Ether
 Concen: 102.953 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY008439.D
 Acq: 21 Apr 2022 13:20

Tgt Ion: 74 Resp: 70903
 Ion Ratio Lower Upper
 74 100
 45 79.1 55.1 165.5

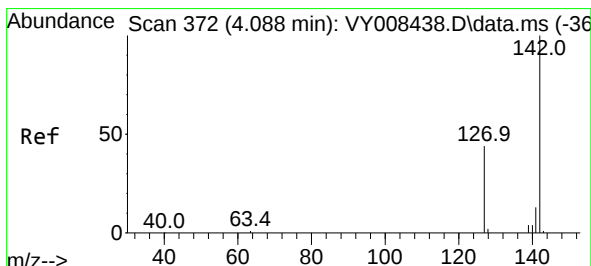
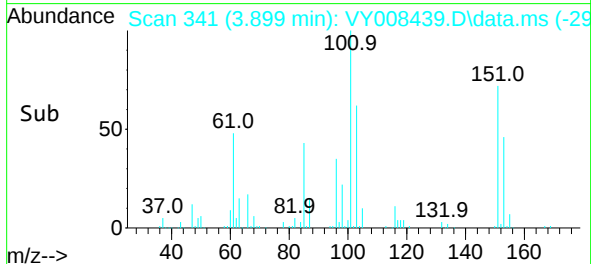
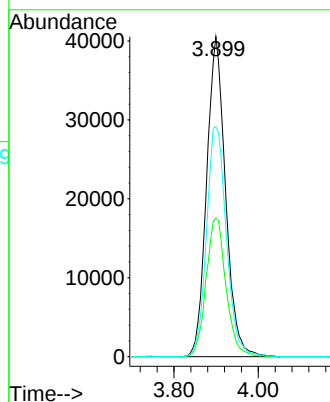
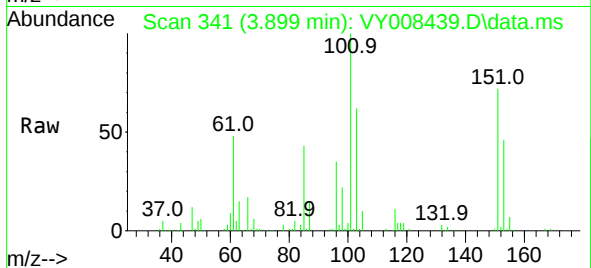




#9
1,1,2-Trichlorotrifluoroethane
Concen: 104.233 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

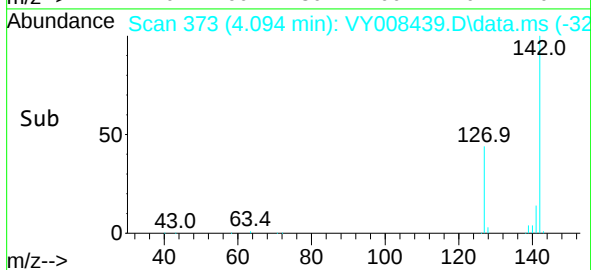
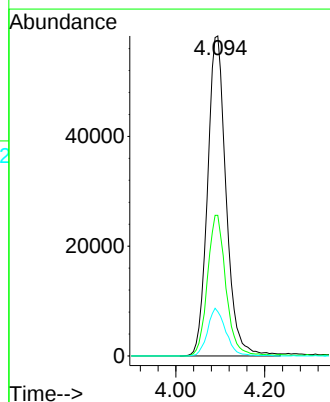
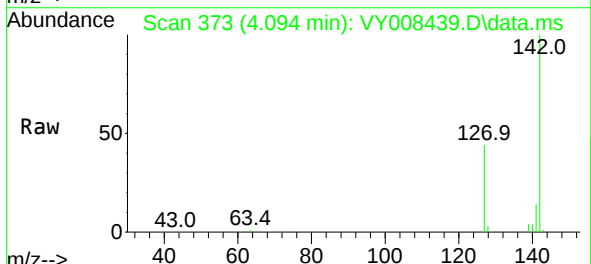
Instrument :
MSVOA_Y
ClientSampleId :

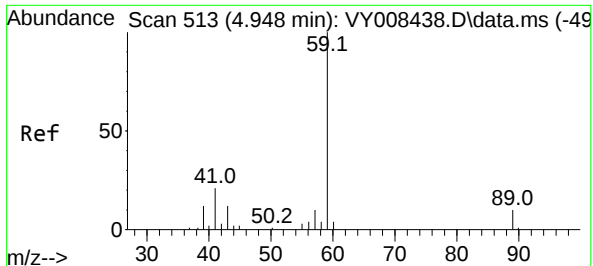
Tgt Ion:101 Resp: 126337
Ion Ratio Lower Upper
101 100
85 45.6 40.6 60.8
151 75.8 64.9 97.3



#10
Methyl Iodide
Concen: 135.526 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

Tgt Ion:142 Resp: 169555
Ion Ratio Lower Upper
142 100
127 43.8 41.5 62.3
141 14.6 11.9 17.9

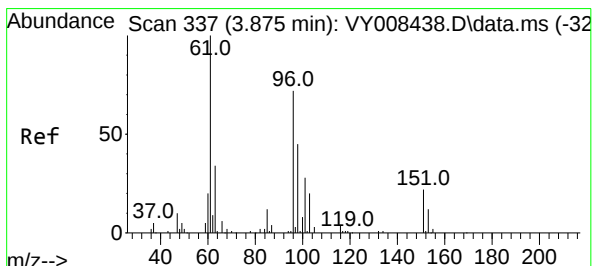
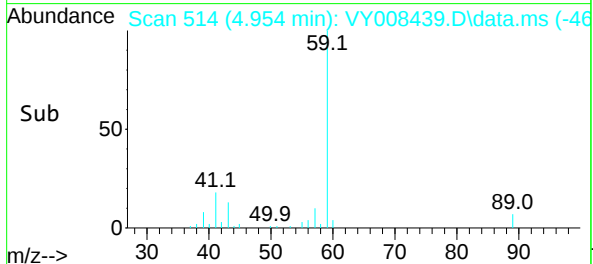
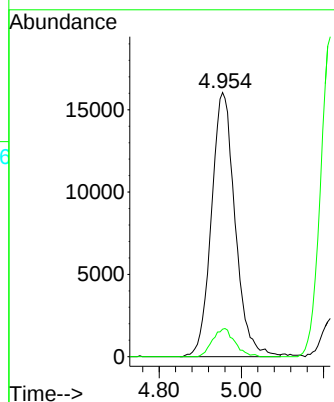
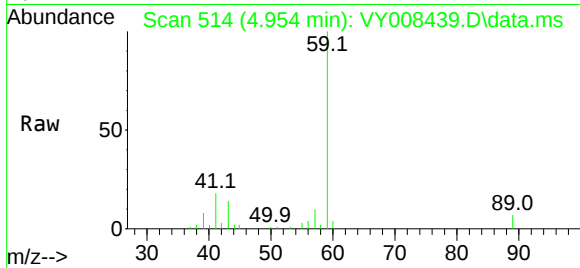




#11
Tert butyl alcohol
Concen: 558.269 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

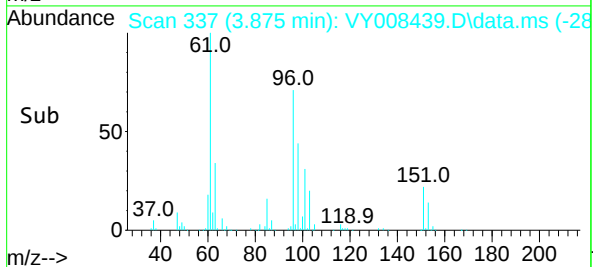
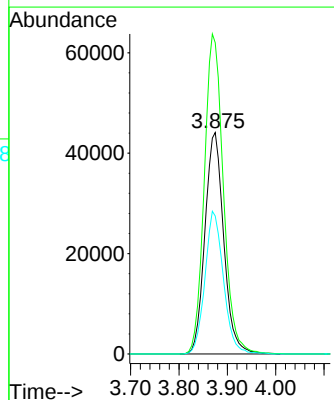
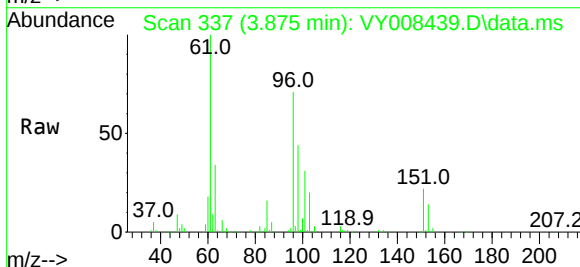
Instrument :
MSVOA_Y
ClientSampleId :

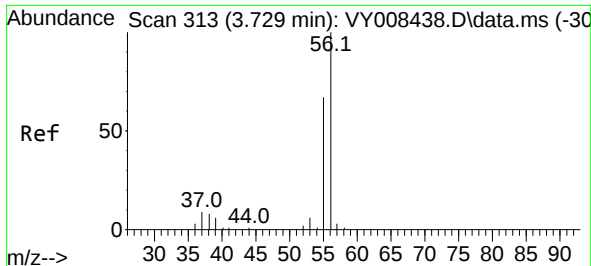
Tgt Ion: 59 Resp: 64090
Ion Ratio Lower Upper
59 100
57 10.0 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 107.838 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

Tgt Ion: 96 Resp: 119135
Ion Ratio Lower Upper
96 100
61 140.6 145.8 218.6#
98 62.3 52.5 78.7





#13

Acrolein

Concen: 713.162 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.000 min

Lab File: VY008439.D

Acq: 21 Apr 2022 13:20

Instrument :

MSVOA_Y

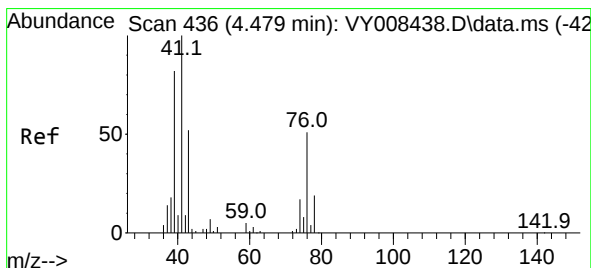
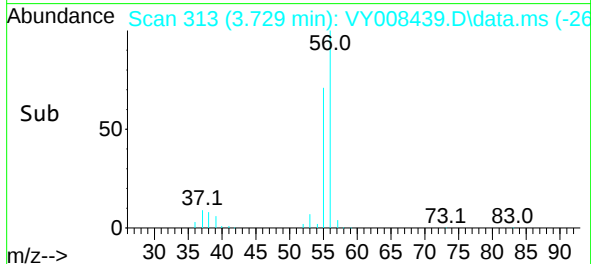
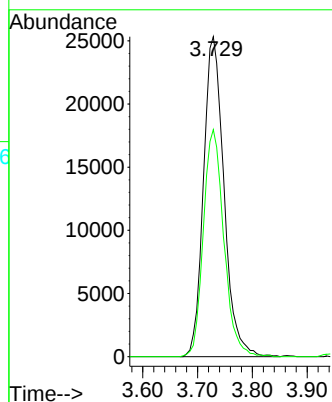
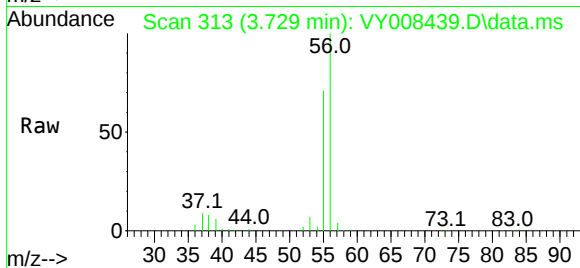
ClientSampleId :

Tgt Ion: 56 Resp: 65584

Ion Ratio Lower Upper

56 100

55 71.0 57.6 86.4



#14

Allyl chloride

Concen: 111.799 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY008439.D

Acq: 21 Apr 2022 13:20

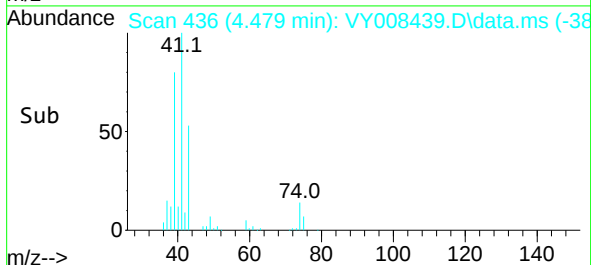
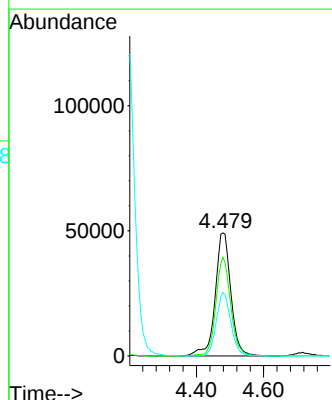
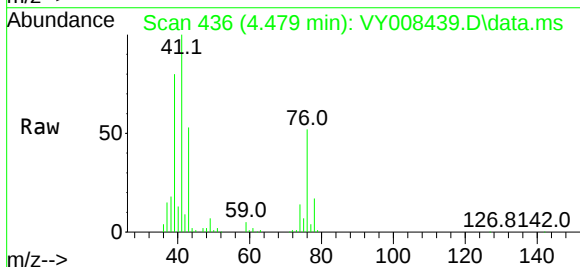
Tgt Ion: 41 Resp: 160365

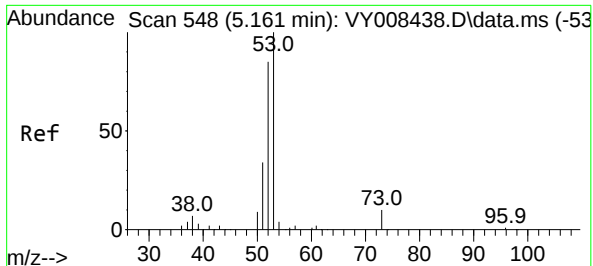
Ion Ratio Lower Upper

41 100

39 74.9 58.8 88.2

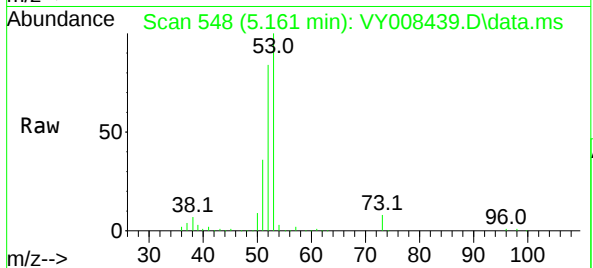
76 47.5 25.1 37.7#



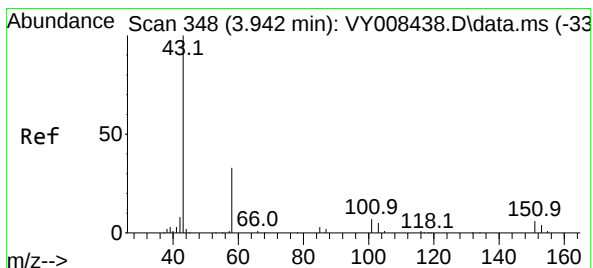
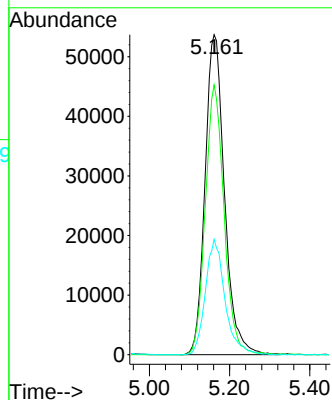
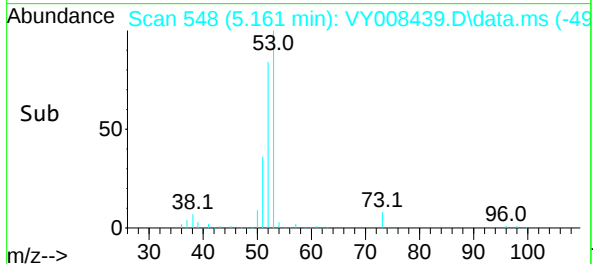


#15
Acrylonitrile
Concen: 533.127 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

Instrument :
MSVOA_Y
ClientSampleId :

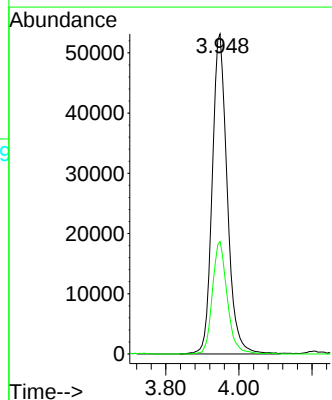
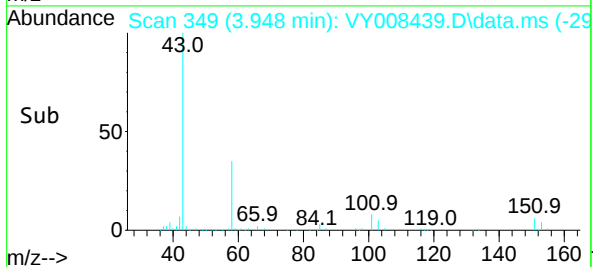
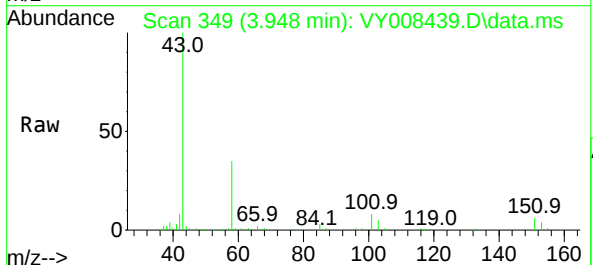


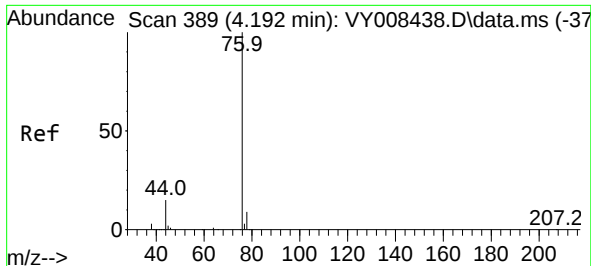
Tgt Ion: 53 Resp: 180657
Ion Ratio Lower Upper
53 100
52 81.1 67.0 100.4
51 36.3 29.8 44.6



#16
Acetone
Concen: 581.254 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

Tgt Ion: 43 Resp: 151181
Ion Ratio Lower Upper
43 100
58 35.1 22.0 33.0#

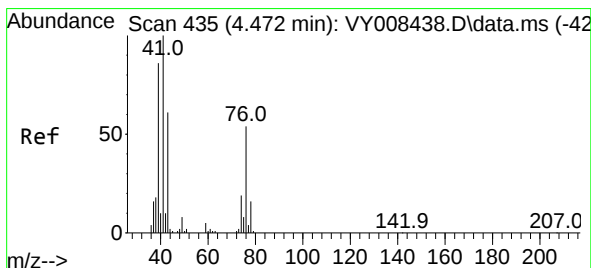
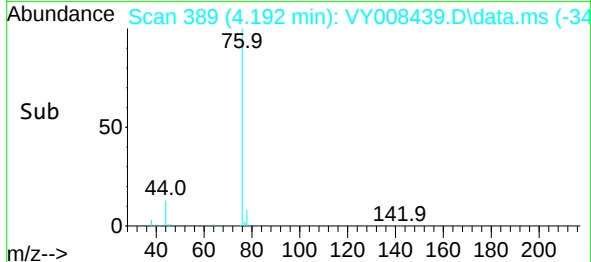
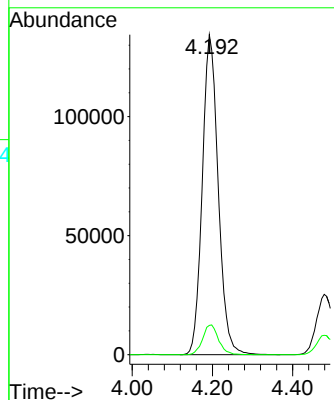
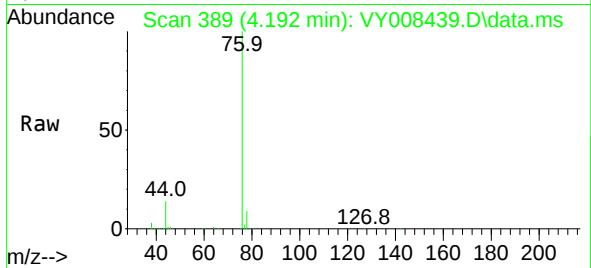




#17
Carbon Disulfide
Concen: 123.086 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

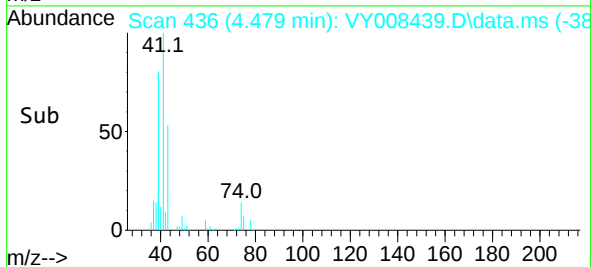
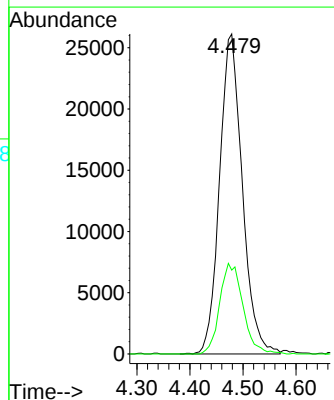
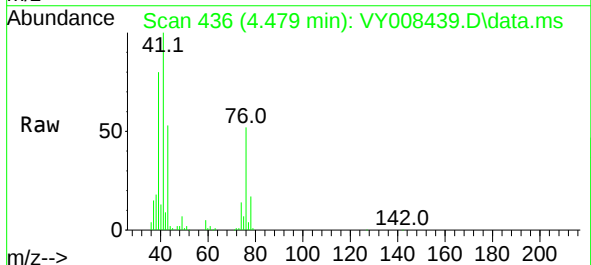
Instrument :
MSVOA_Y
ClientSampleId :

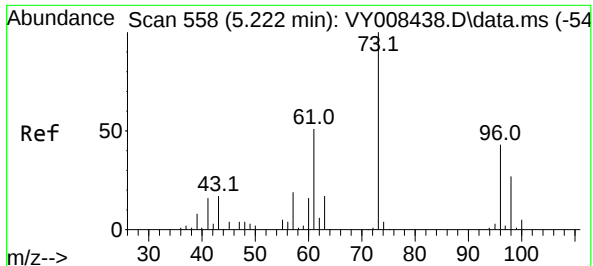
Tgt Ion: 76 Resp: 370657
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 104.761 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

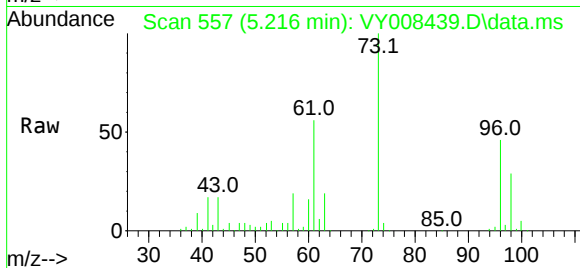
Tgt Ion: 43 Resp: 77831
Ion Ratio Lower Upper
43 100
74 28.9 16.6 24.8#



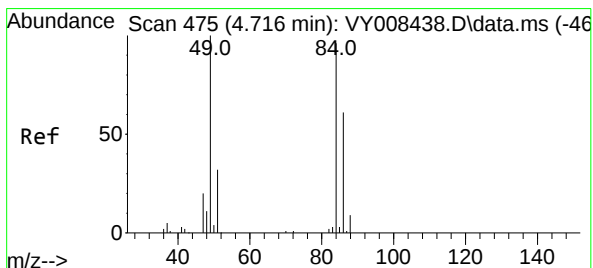
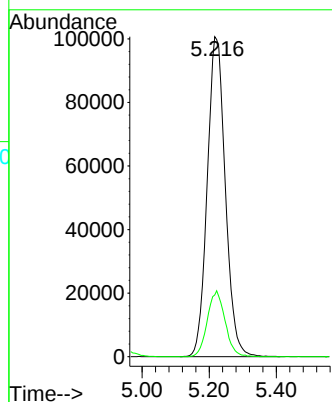
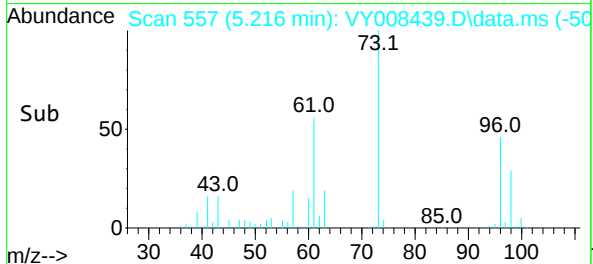


#19
Methyl tert-butyl Ether
Concen: 109.405 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

Instrument :
MSVOA_Y
ClientSampleId :

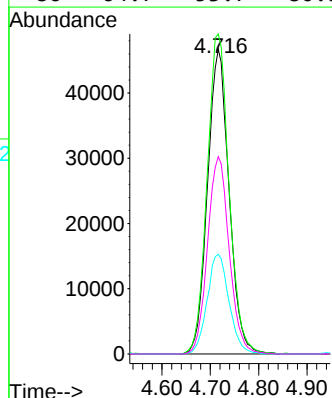
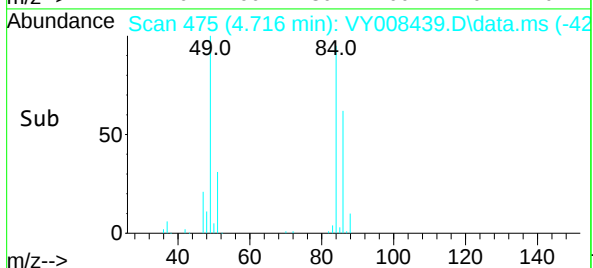
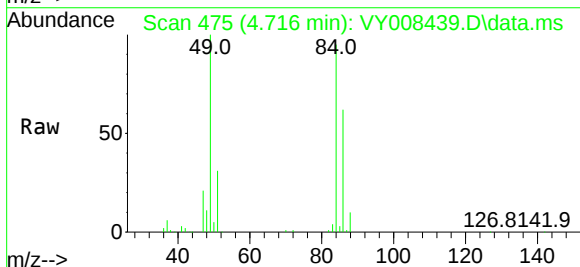


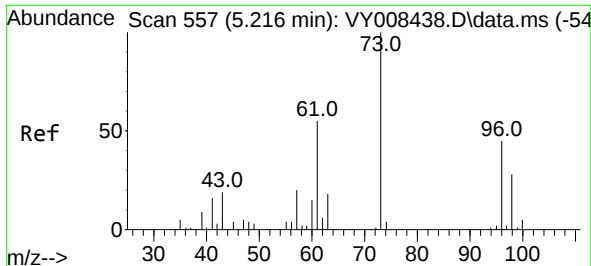
Tgt Ion: 73 Resp: 375710
Ion Ratio Lower Upper
73 100
57 19.3 18.6 27.8



#20
Methylene Chloride
Concen: 82.587 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

Tgt Ion: 84 Resp: 144345
Ion Ratio Lower Upper
84 100
49 105.0 114.4 171.6#
51 32.7 35.3 52.9#
86 64.7 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 110.601 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.006 min

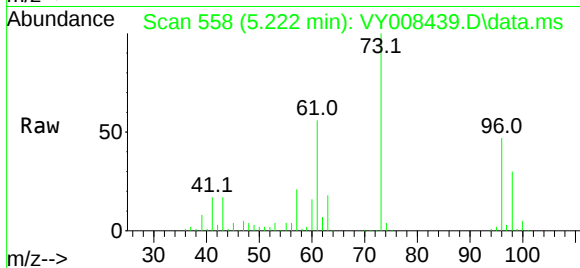
Lab File: VY008439.D

Acq: 21 Apr 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :



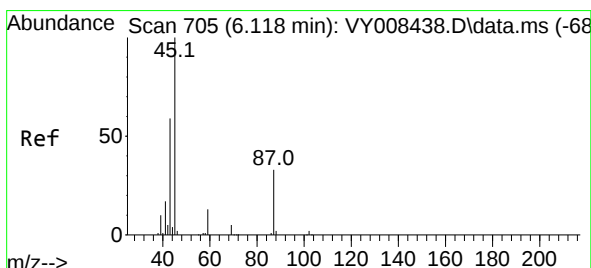
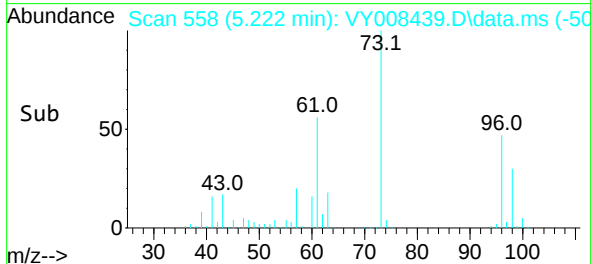
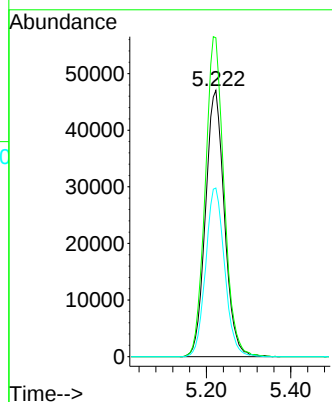
Tgt Ion: 96 Resp: 146913

Ion Ratio Lower Upper

96 100

61 119.8 120.5 180.7#

98 63.4 49.8 74.8



#22

Diisopropyl ether

Concen: 109.721 ug/l

RT: 6.119 min Scan# 705

Delta R.T. 0.000 min

Lab File: VY008439.D

Acq: 21 Apr 2022 13:20

Tgt Ion: 45 Resp: 373700

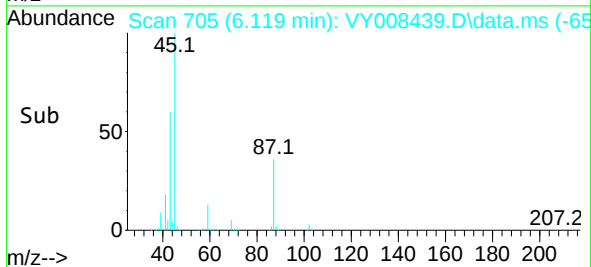
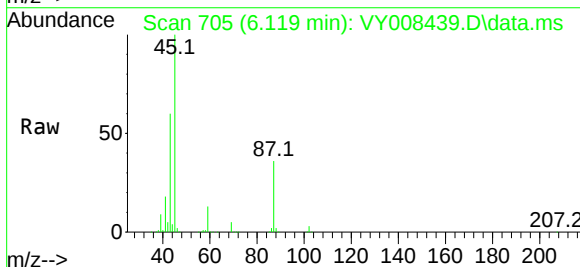
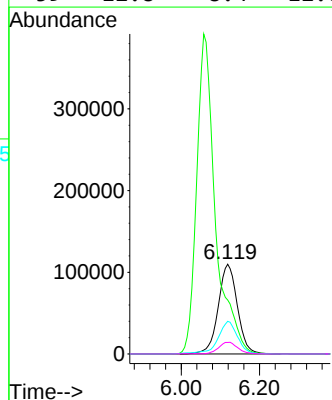
Ion Ratio Lower Upper

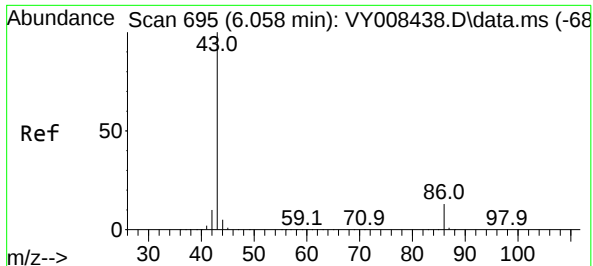
45 100

43 59.7 49.3 73.9

87 36.3 19.2 28.8#

59 12.8 8.4 12.6#

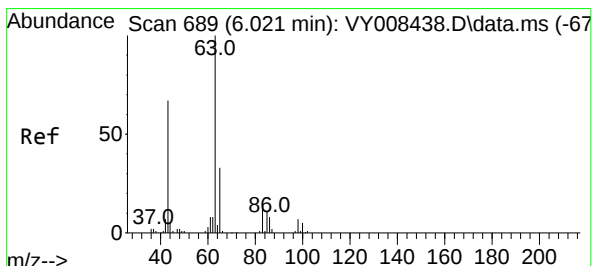
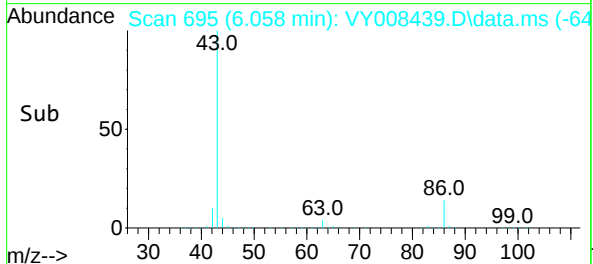
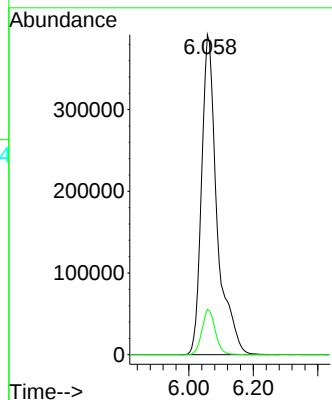
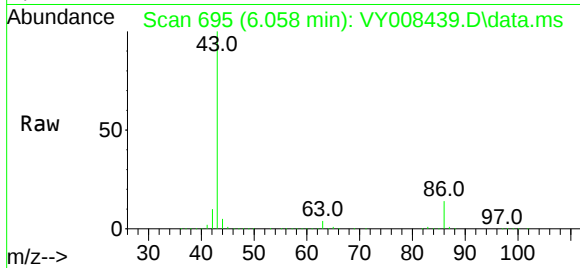




#23
 Vinyl Acetate
 Concen: 581.880 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY008439.D
 Acq: 21 Apr 2022 13:20

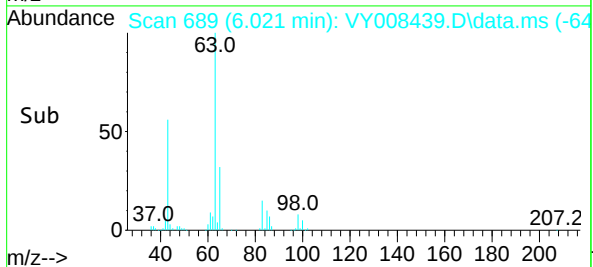
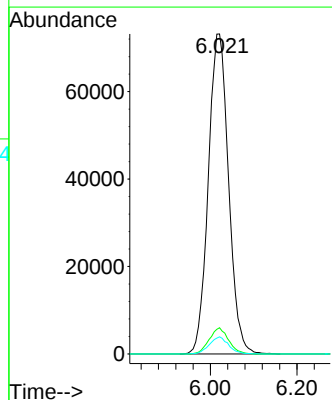
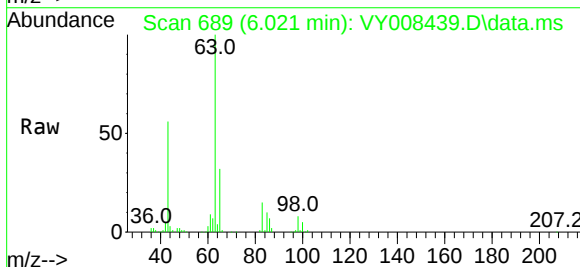
Instrument :
 MSVOA_Y
 ClientSampleId :

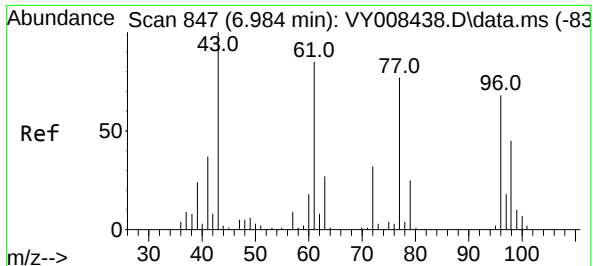
Tgt Ion: 43 Resp: 1307538
 Ion Ratio Lower Upper
 43 100
 86 14.1 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 109.042 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY008439.D
 Acq: 21 Apr 2022 13:20

Tgt Ion: 63 Resp: 237505
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.6 10.8
 100 5.3 2.0 5.8





#25

2-Butanone

Concen: 577.021 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008439.D

Acq: 21 Apr 2022 13:20

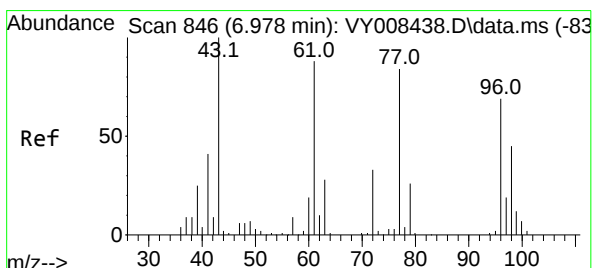
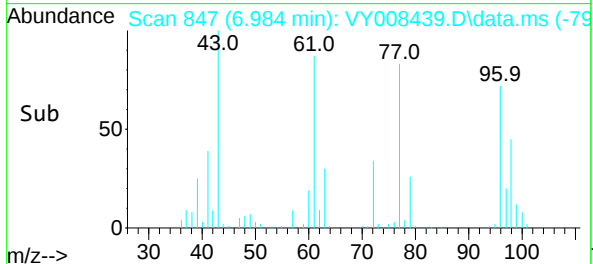
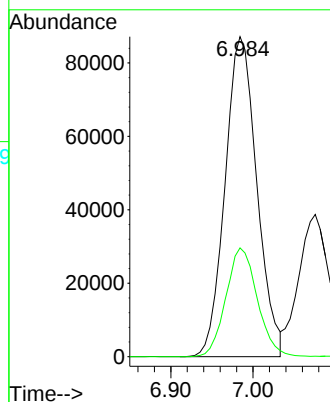
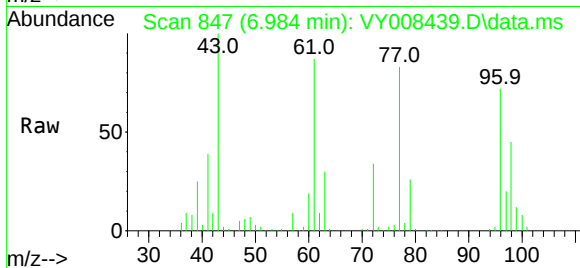
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43 Resp: 234556

Ion	Ratio	Lower	Upper
43	100		
72	34.0	17.7	26.5



#26

2,2-Dichloropropane

Concen: 110.866 ug/l

RT: 6.984 min Scan# 847

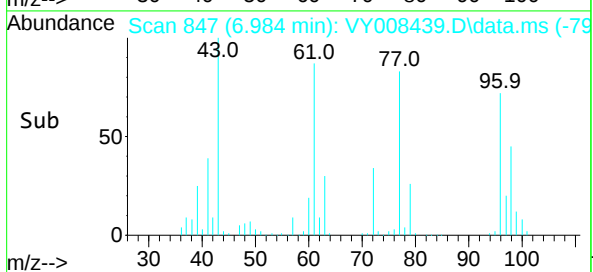
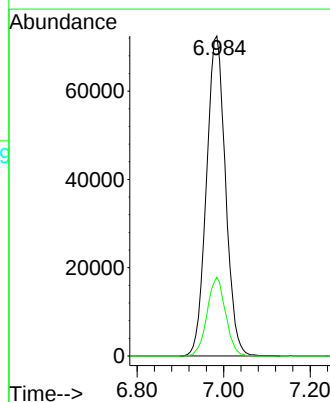
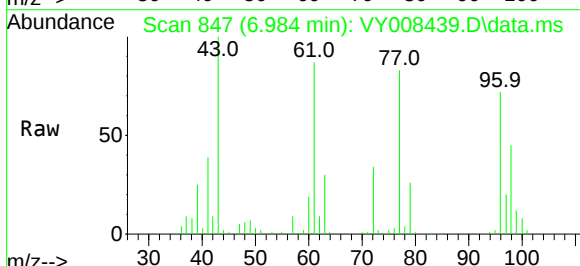
Delta R.T. 0.006 min

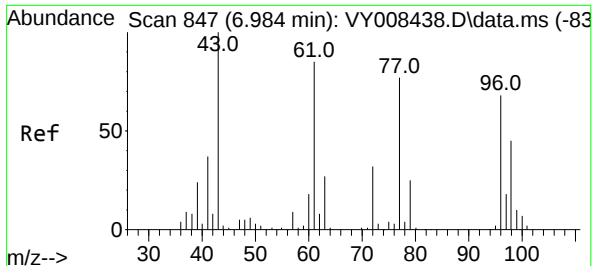
Lab File: VY008439.D

Acq: 21 Apr 2022 13:20

Tgt Ion: 77 Resp: 221593

Ion	Ratio	Lower	Upper
77	100		
97	23.8	10.4	31.4





#27

cis-1,2-Dichloroethene

Concen: 107.806 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY008439.D

Acq: 21 Apr 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

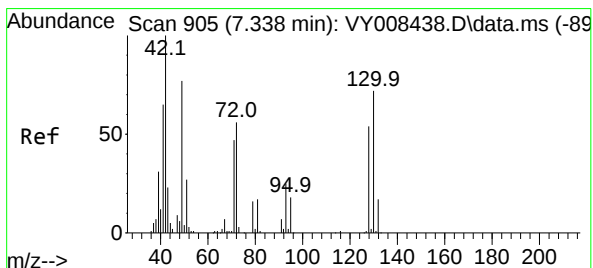
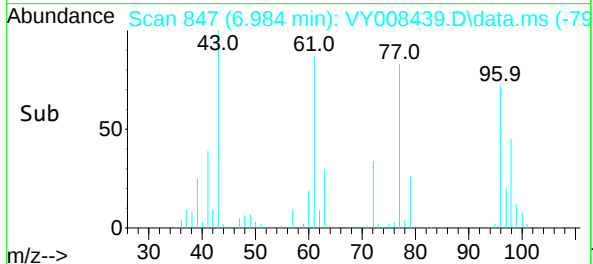
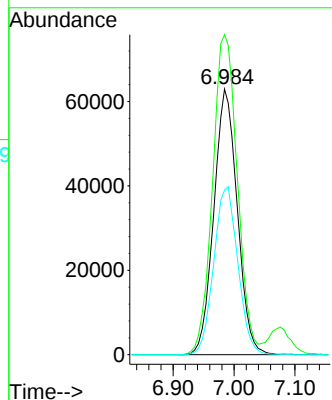
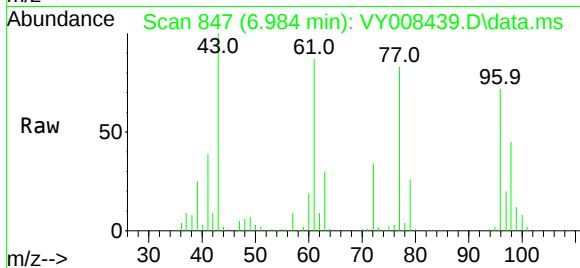
Tgt Ion: 96 Resp: 168611

Ion Ratio Lower Upper

96 100

61 126.8 0.0 319.8

98 64.8 0.0 127.0



#28

Bromochloromethane

Concen: 105.586 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY008439.D

Acq: 21 Apr 2022 13:20

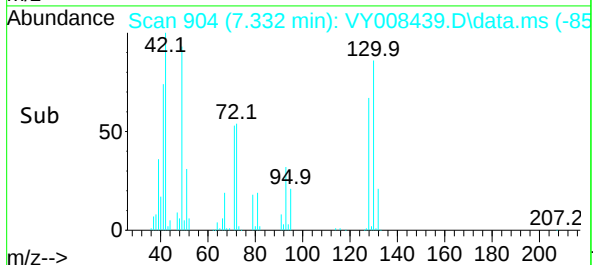
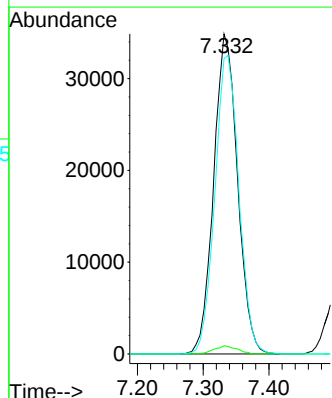
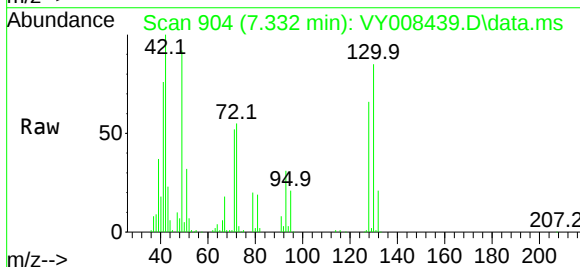
Tgt Ion: 49 Resp: 88107

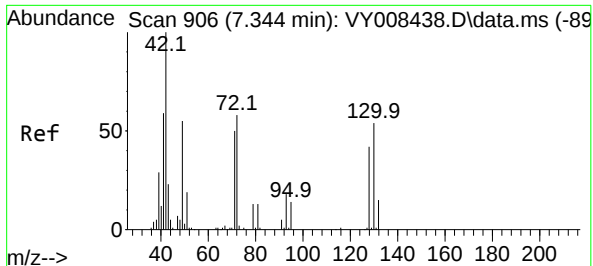
Ion Ratio Lower Upper

49 100

129 2.5 0.0 2.2#

130 94.2 55.4 83.0#





#29

Tetrahydrofuran

Concen: 566.594 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

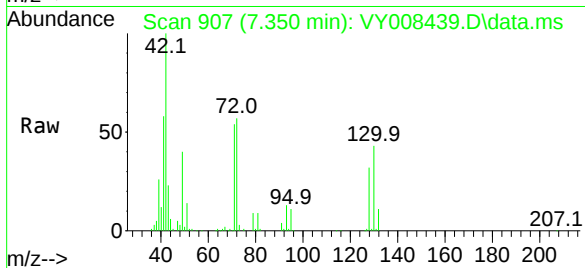
Lab File: VY008439.D

Acq: 21 Apr 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :



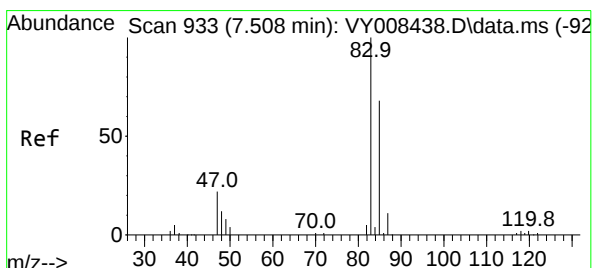
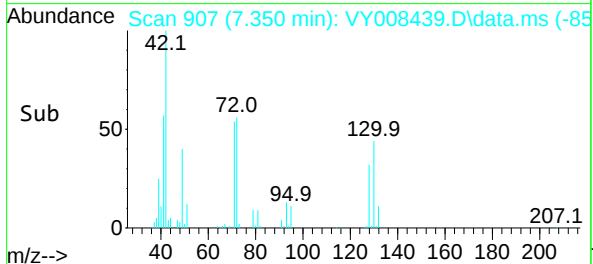
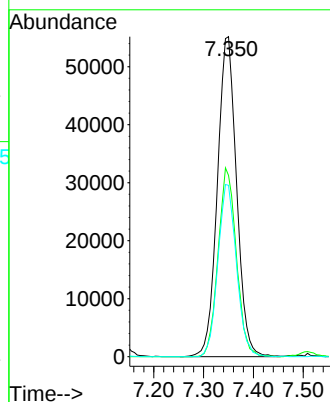
Tgt Ion: 42 Resp: 147656

Ion Ratio Lower Upper

42 100

72 56.1 30.3 45.5#

71 52.1 29.0 43.4#



#30

Chloroform

Concen: 106.001 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY008439.D

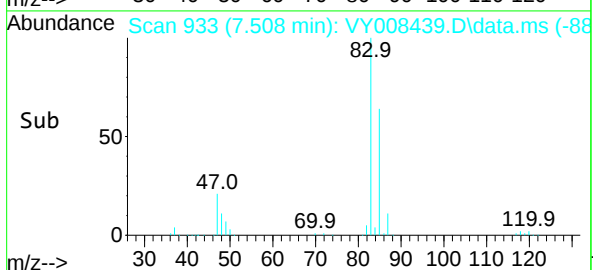
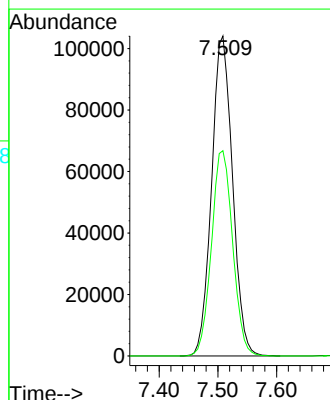
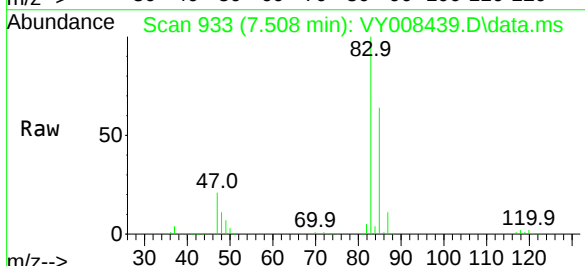
Acq: 21 Apr 2022 13:20

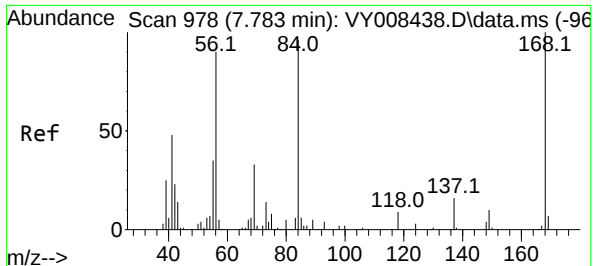
Tgt Ion: 83 Resp: 257412

Ion Ratio Lower Upper

83 100

85 64.2 51.8 77.6

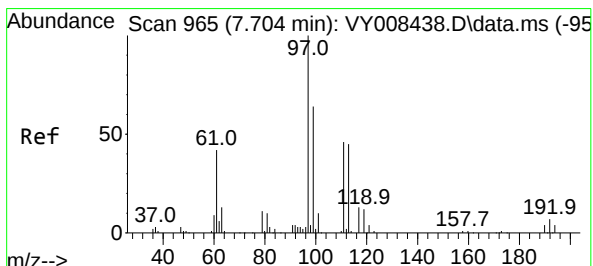
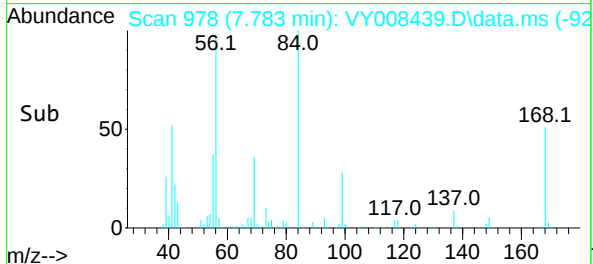
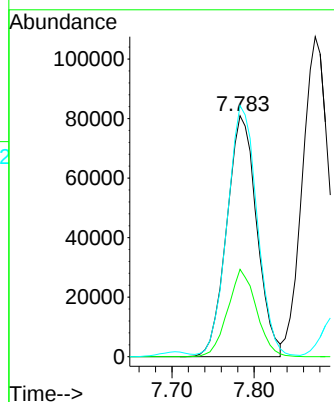
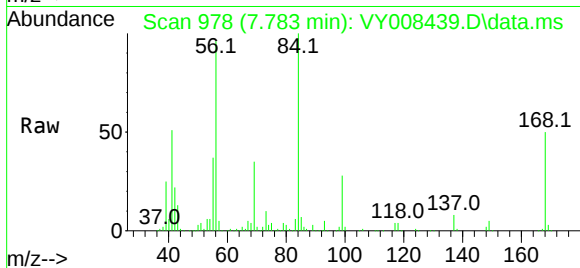




#31
Cyclohexane
Concen: 108.104 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

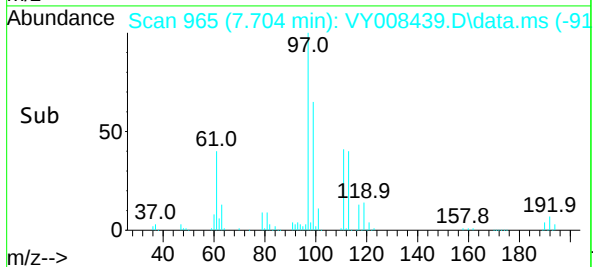
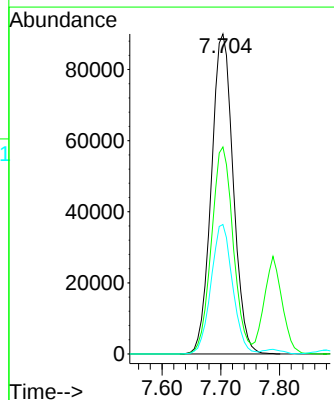
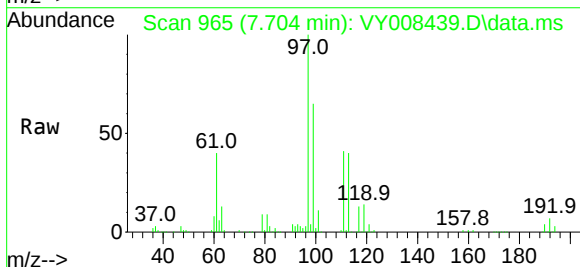
Instrument :
MSVOA_Y
ClientSampleId :

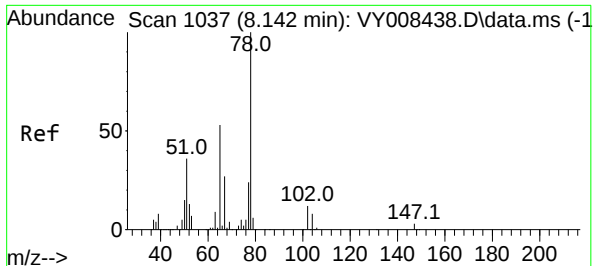
Tgt Ion: 56 Resp: 205752
Ion Ratio Lower Upper
56 100
69 36.3 26.7 40.1
84 102.3 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 110.004 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

Tgt Ion: 97 Resp: 232554
Ion Ratio Lower Upper
97 100
99 64.5 50.7 76.1
61 40.1 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 122.256 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY008439.D

Acq: 21 Apr 2022 13:20

Instrument :

MSVOA_Y

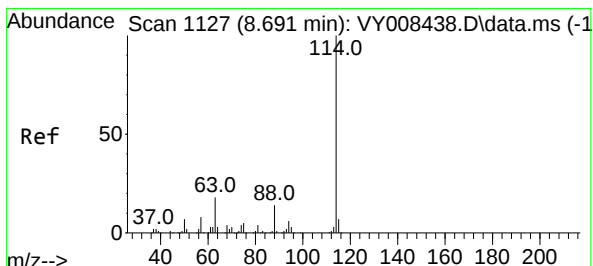
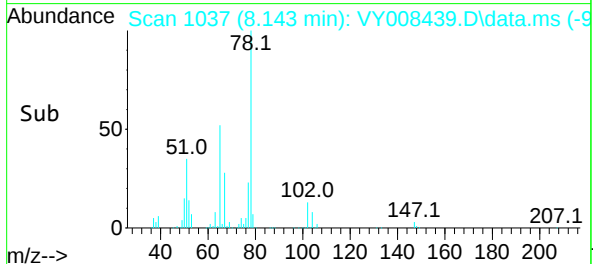
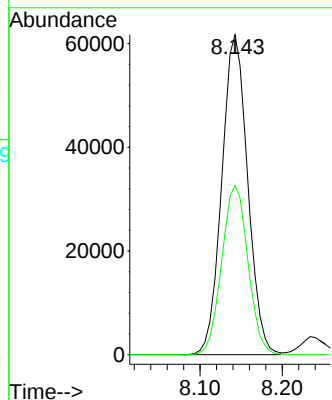
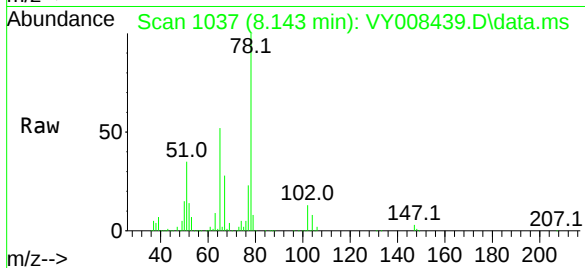
ClientSampleId :

Tgt Ion: 65 Resp: 134958

Ion Ratio Lower Upper

65 100

67 53.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008439.D

Acq: 21 Apr 2022 13:20

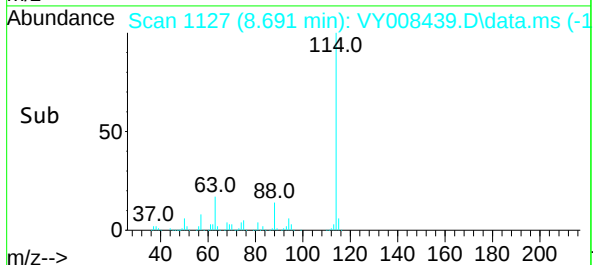
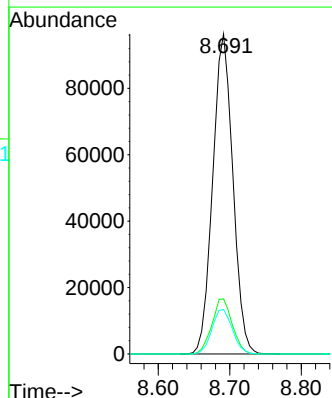
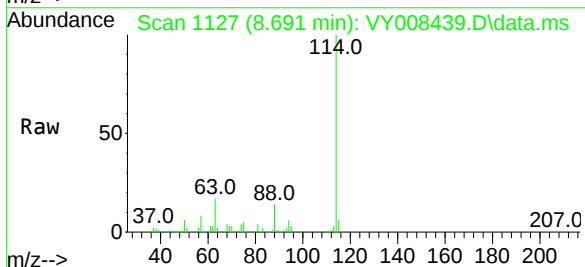
Tgt Ion: 114 Resp: 188398

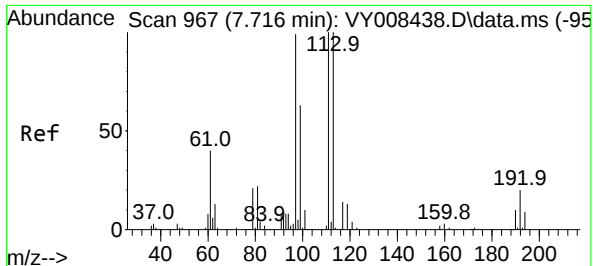
Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

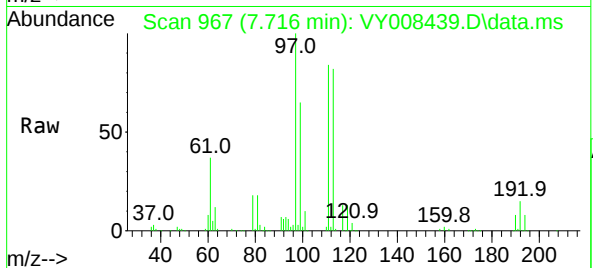
88 13.9 0.0 31.8



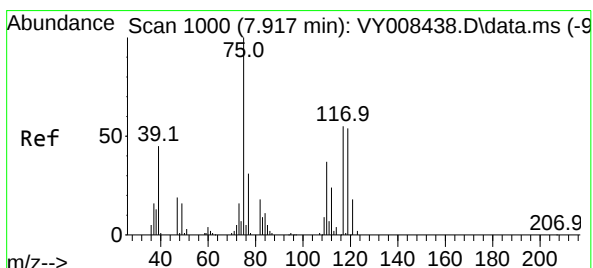
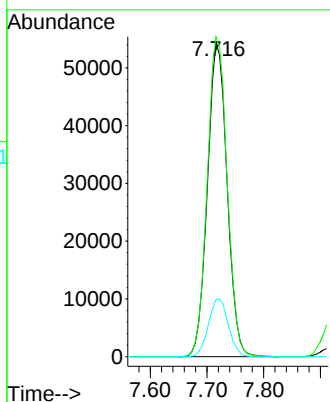
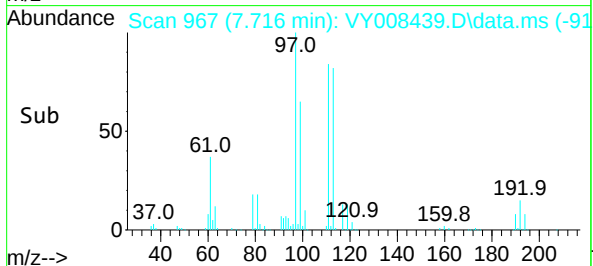


#35
Dibromofluoromethane
Concen: 113.710 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

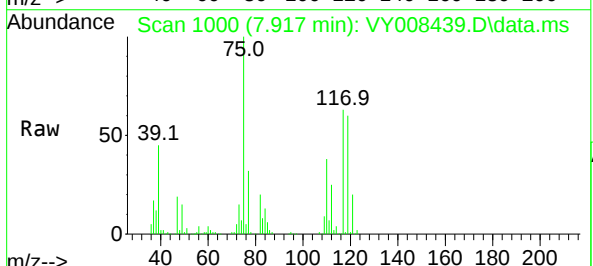
Instrument :
MSVOA_Y
ClientSampleId :



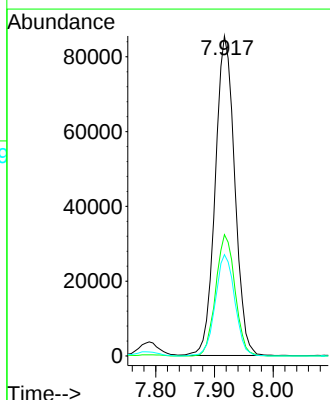
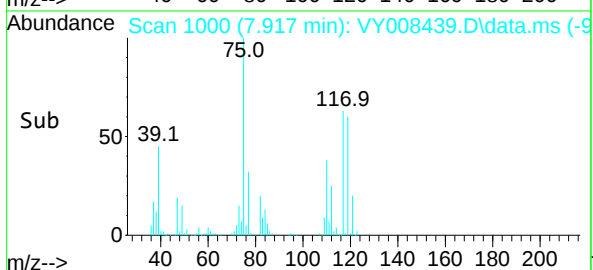
Tgt Ion:113 Resp: 130729
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 18.6 17.6 26.4

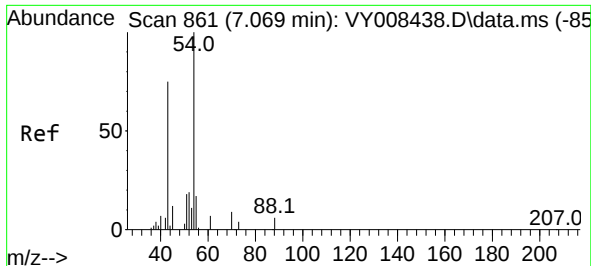


#36
1,1-Dichloropropene
Concen: 109.859 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20



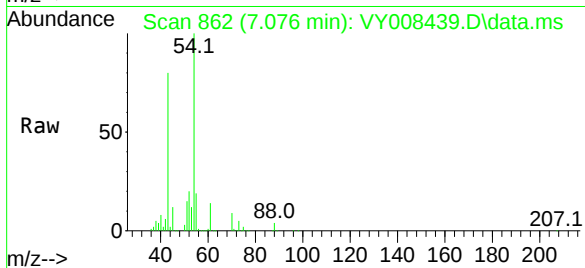
Tgt Ion: 75 Resp: 196768
Ion Ratio Lower Upper
75 100
110 37.5 17.1 51.2
77 31.7 24.4 36.6



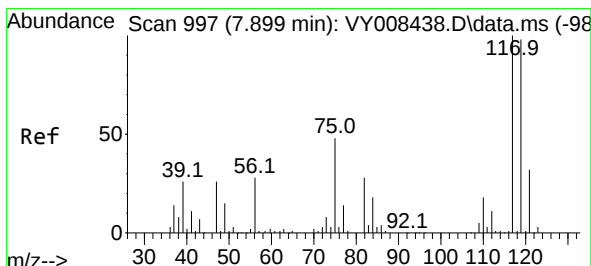
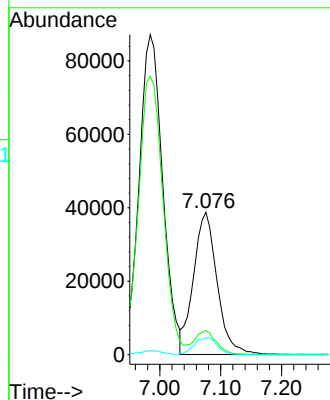
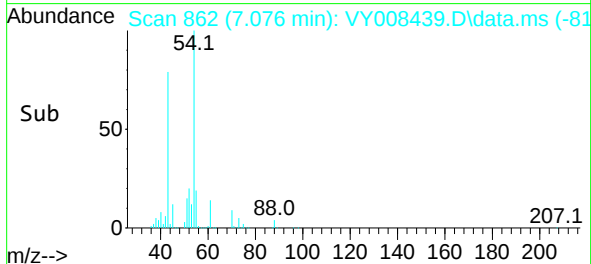


#37
Ethyl Acetate
Concen: 110.989 ug/l
RT: 7.076 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

Instrument :
MSVOA_Y
ClientSampleId :

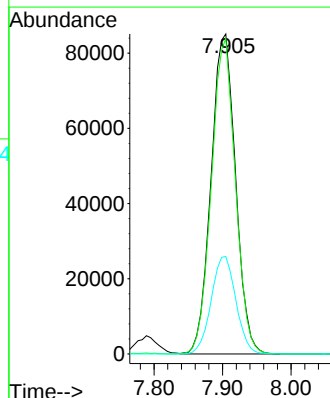
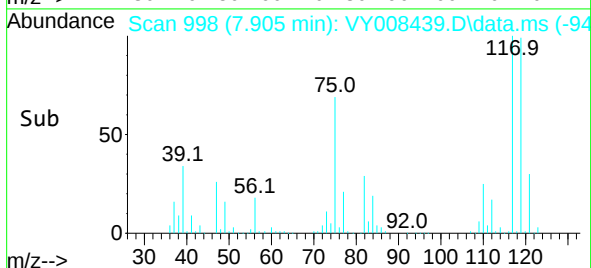
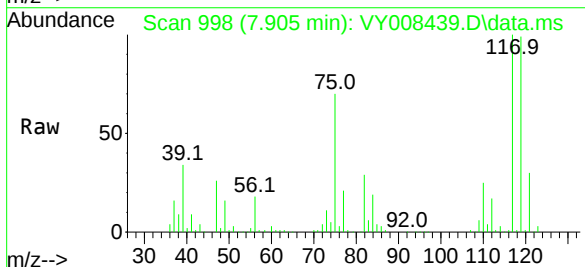


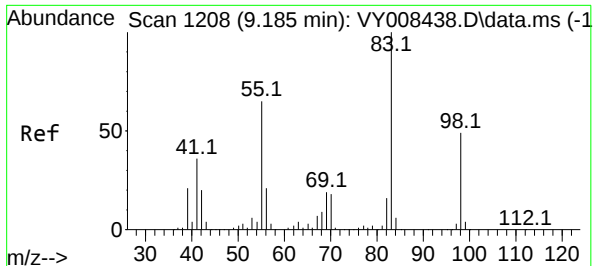
Tgt Ion: 43 Resp: 104117
Ion Ratio Lower Upper
43 100
61 15.5 9.7 14.5#
70 11.8 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 110.425 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.006 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

Tgt Ion: 117 Resp: 211411
Ion Ratio Lower Upper
117 100
119 98.5 77.9 116.9
121 30.5 24.8 37.2





#39

Methylcyclohexane

Concen: 116.026 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008439.D

Acq: 21 Apr 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

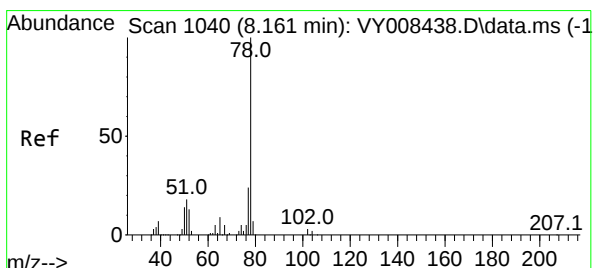
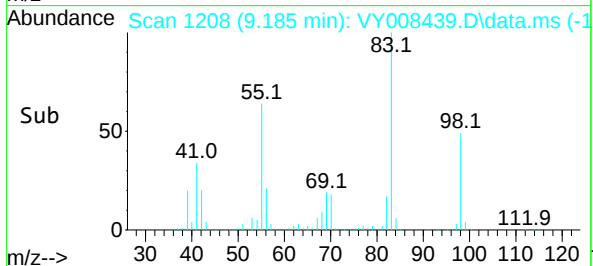
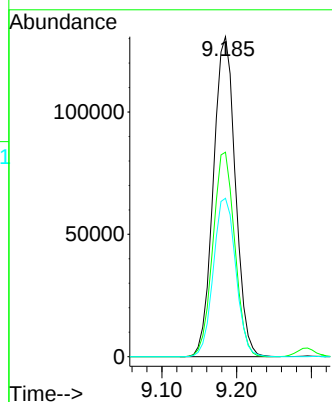
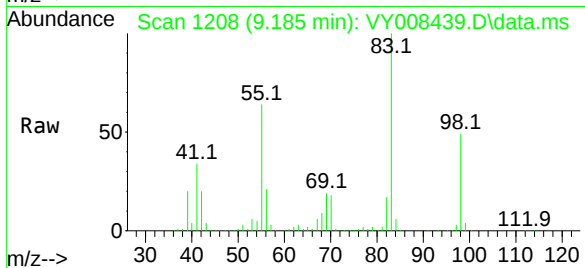
Tgt Ion: 83 Resp: 267690

Ion Ratio Lower Upper

83 100

55 63.9 66.5 99.7#

98 49.5 37.9 56.9



#40

Benzene

Concen: 108.972 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY008439.D

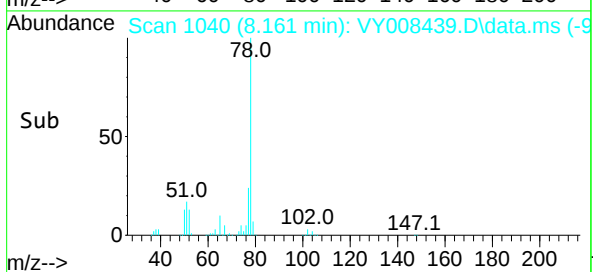
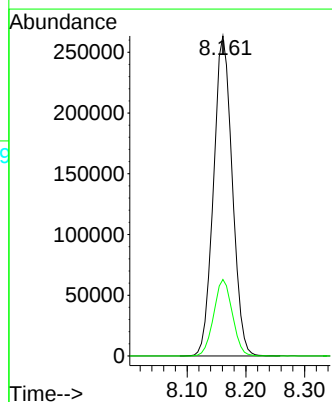
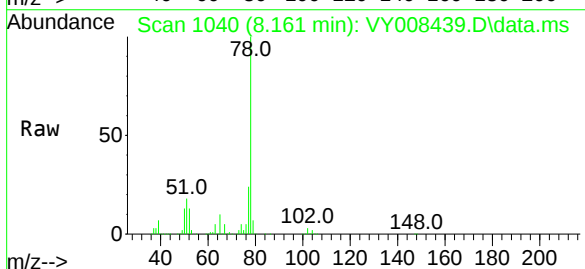
Acq: 21 Apr 2022 13:20

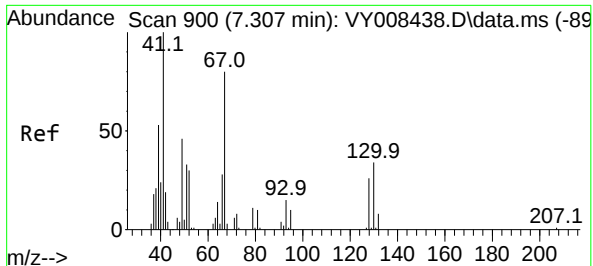
Tgt Ion: 78 Resp: 582533

Ion Ratio Lower Upper

78 100

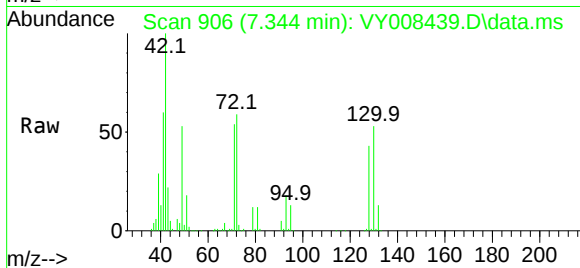
77 23.9 20.4 30.6



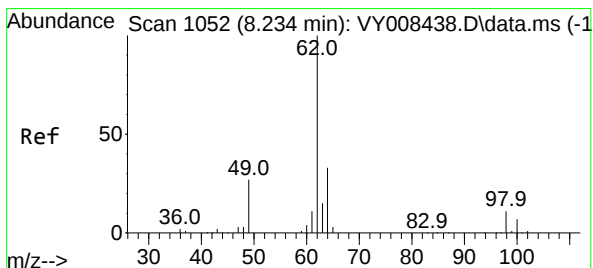
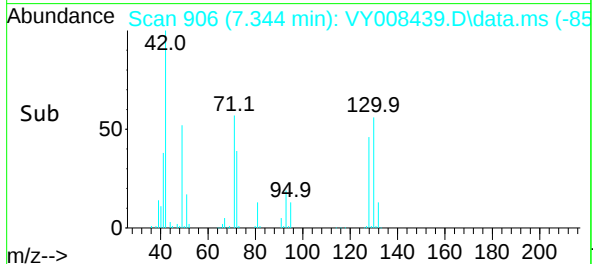
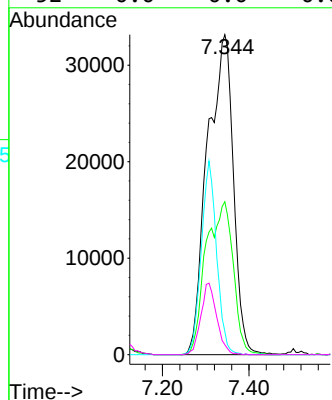


#41
Methacrylonitrile
Concen: 268.180 ug/l
RT: 7.344 min Scan# 900
Delta R.T. 0.037 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

Instrument :
MSVOA_Y
ClientSampleId :

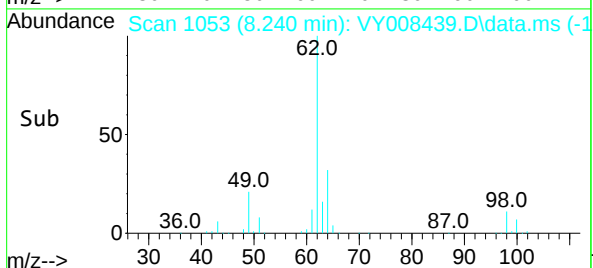
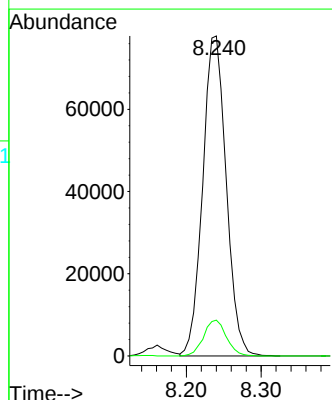
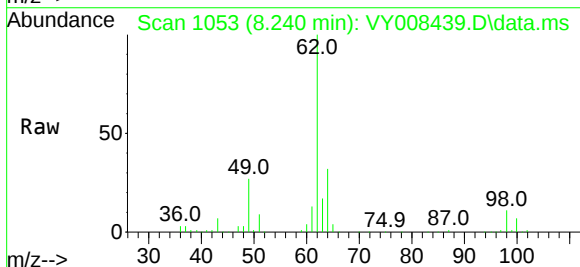


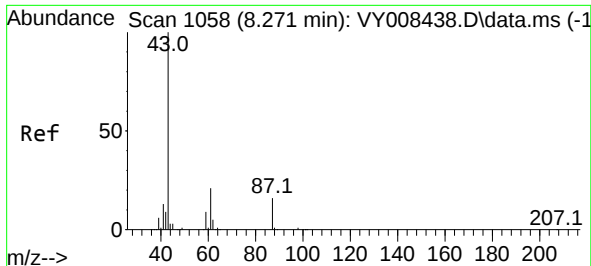
Tgt Ion: 41 Resp: 137760
Ion Ratio Lower Upper
41 100
39 50.1 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 108.701 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

Tgt Ion: 62 Resp: 170246
Ion Ratio Lower Upper
62 100
98 10.9 0.0 14.8

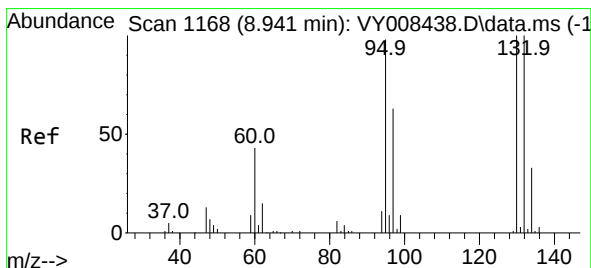
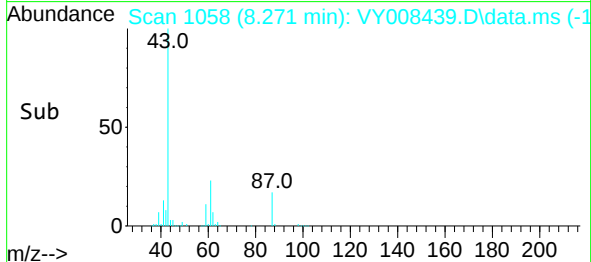
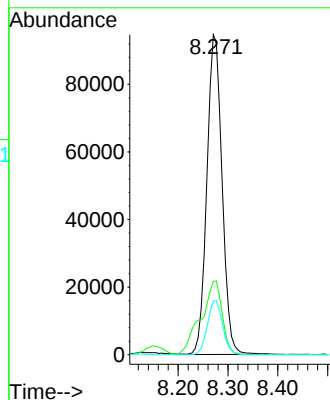
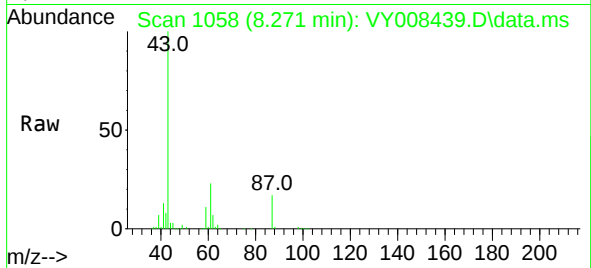




#43
Isopropyl Acetate
Concen: 114.135 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

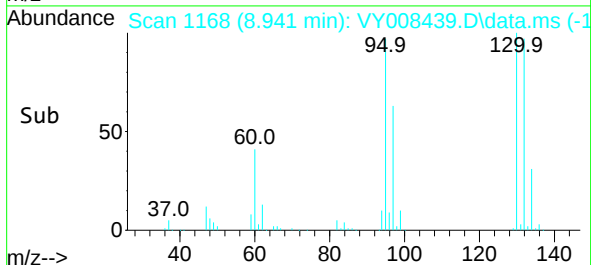
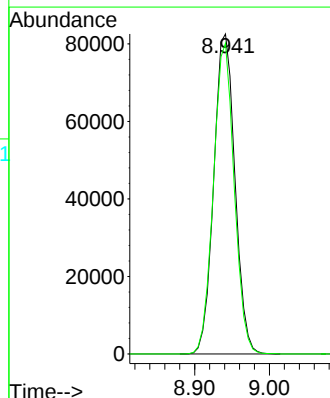
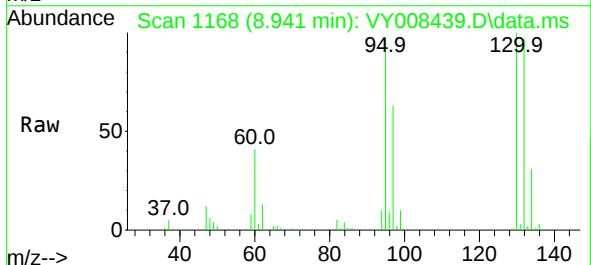
Instrument :
MSVOA_Y
ClientSampleId :

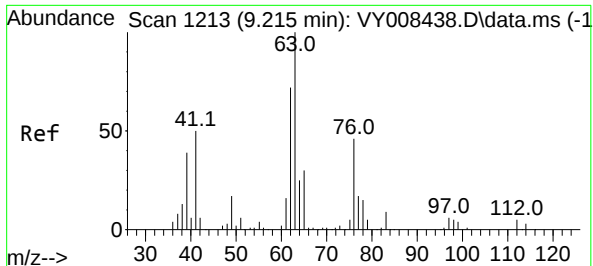
Tgt Ion: 43 Resp: 200630
Ion Ratio Lower Upper
43 100
61 32.4 20.2 30.2#
87 17.0 8.9 13.3#



#44
Trichloroethene
Concen: 108.228 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

Tgt Ion:130 Resp: 162785
Ion Ratio Lower Upper
130 100
95 97.1 0.0 188.2





#45

1,2-Dichloropropane

Concen: 107.389 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY008439.D

Acq: 21 Apr 2022 13:20

Instrument :

MSVOA_Y

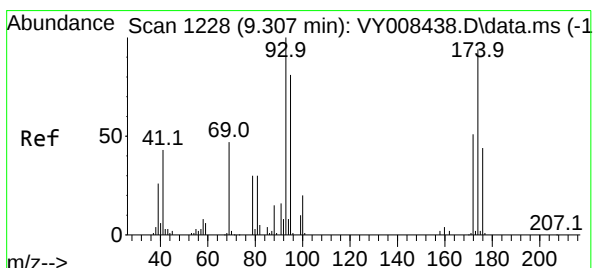
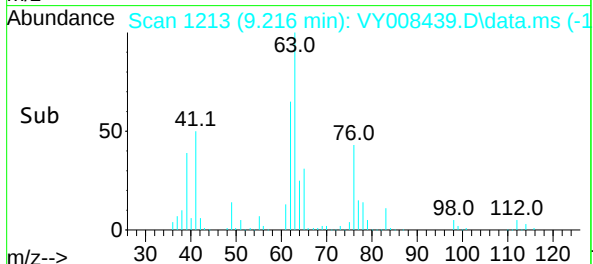
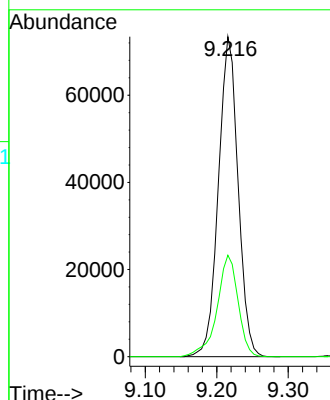
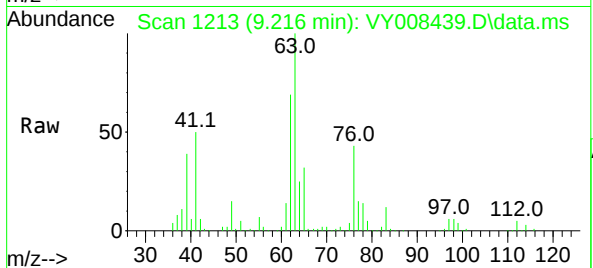
ClientSampleId :

Tgt Ion: 63 Resp: 140180

Ion Ratio Lower Upper

63 100

65 31.7 23.0 34.6



#46

Dibromomethane

Concen: 109.482 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY008439.D

Acq: 21 Apr 2022 13:20

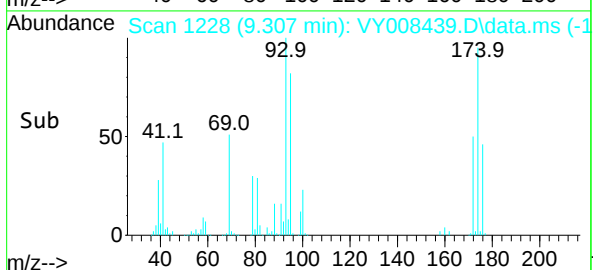
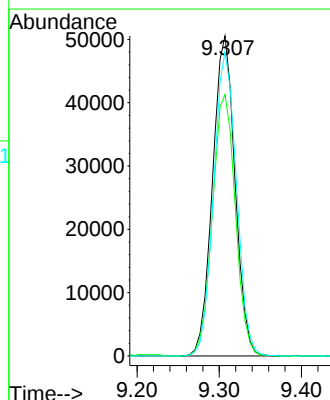
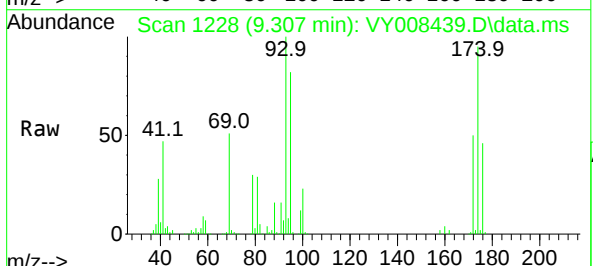
Tgt Ion: 93 Resp: 95847

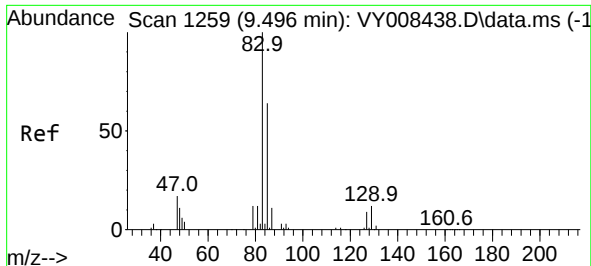
Ion Ratio Lower Upper

93 100

95 83.5 64.3 96.5

174 96.5 83.4 125.0

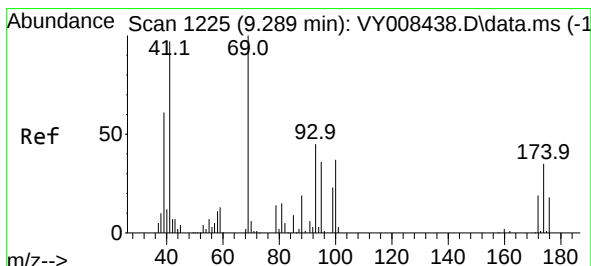
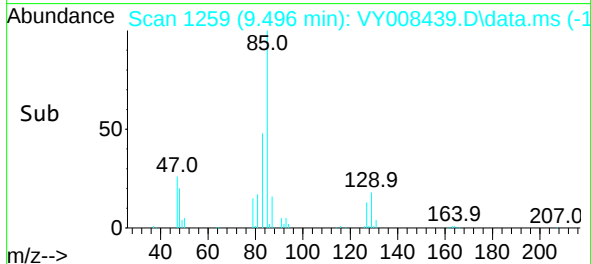
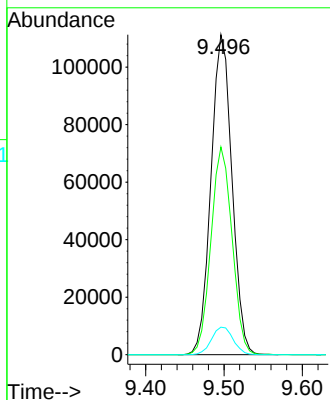
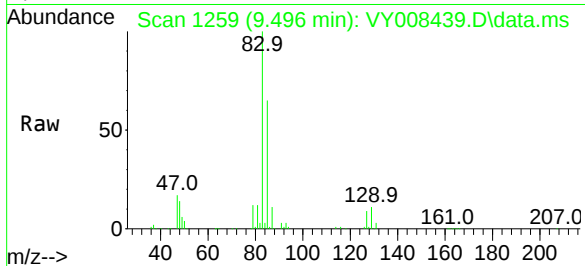




#47
Bromodichloromethane
Concen: 106.839 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

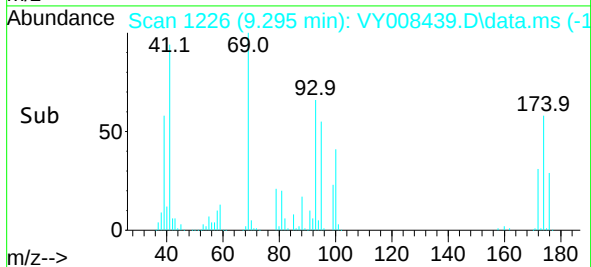
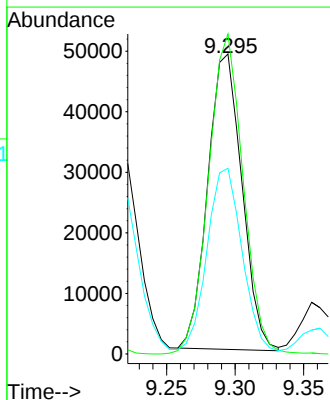
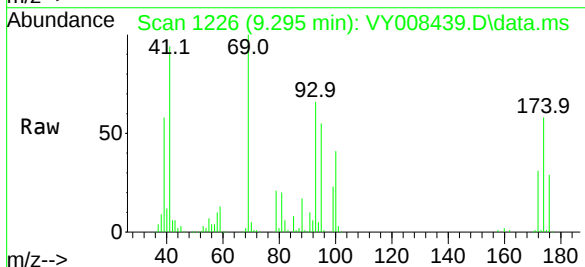
Instrument :
MSVOA_Y
ClientSampleId :

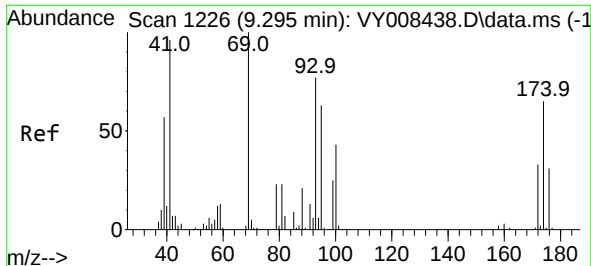
Tgt Ion: 83 Resp: 207428
Ion Ratio Lower Upper
83 100
85 64.9 51.9 77.9
127 8.6 6.6 10.0



#48
Methyl methacrylate
Concen: 112.954 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

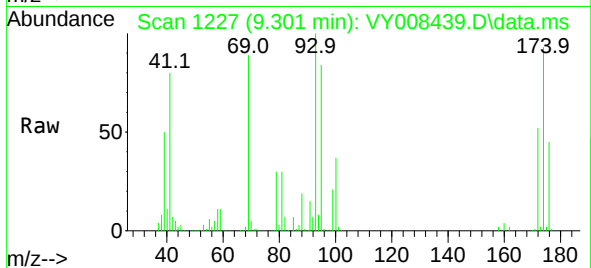
Tgt Ion: 41 Resp: 84704
Ion Ratio Lower Upper
41 100
69 109.5 58.2 87.2#
39 62.7 47.4 71.0



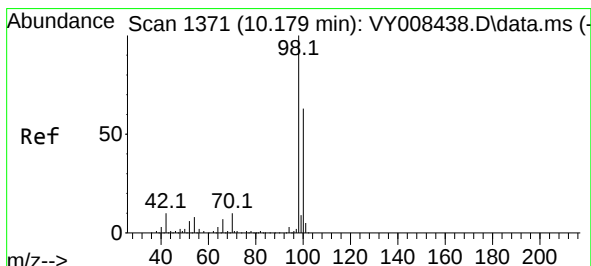
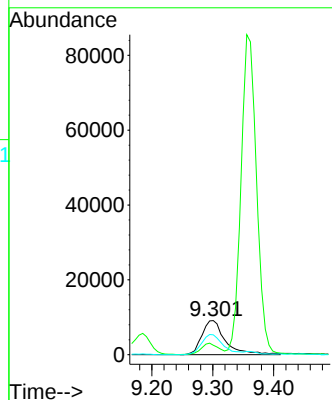
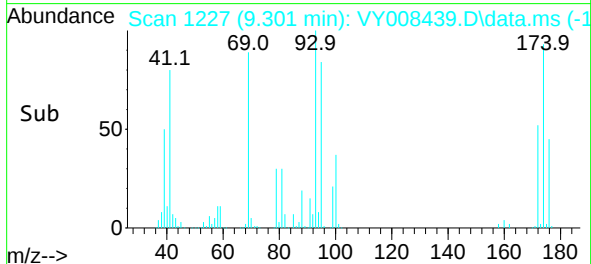


#49
1,4-Dioxane
Concen: 2202.361 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

Instrument :
MSVOA_Y
ClientSampleId :

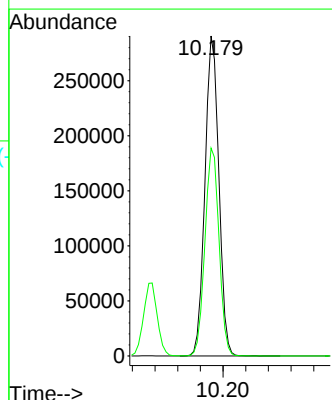
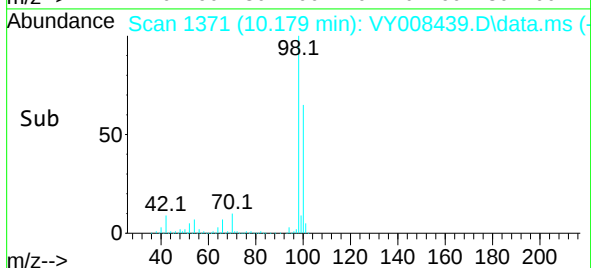
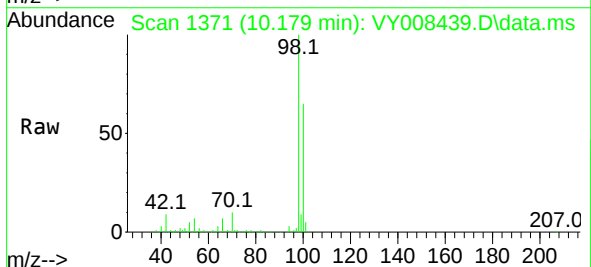


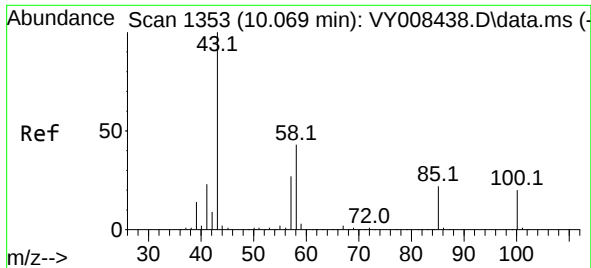
Tgt Ion: 88 Resp: 24608
Ion Ratio Lower Upper
88 100
43 23.8 32.8 49.2#
58 54.4 59.8 89.6#



#50
Toluene-d8
Concen: 123.927 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

Tgt Ion: 98 Resp: 493904
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2

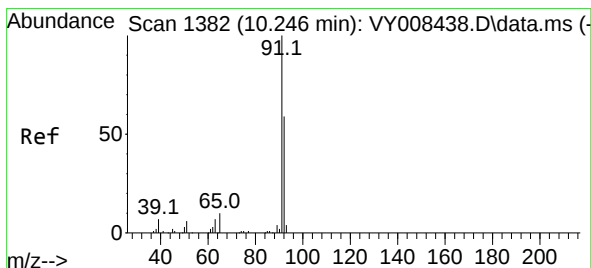
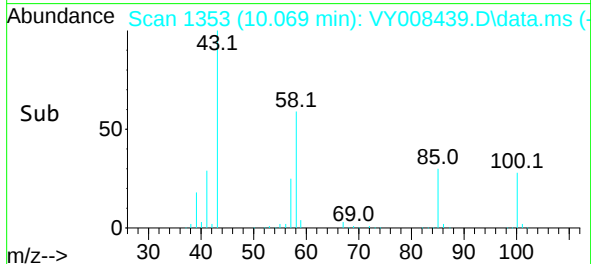
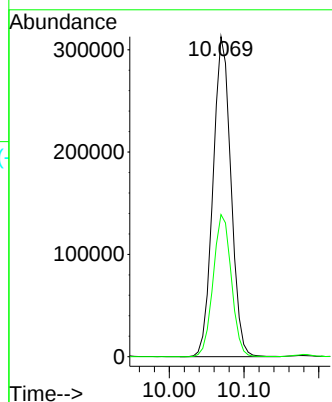
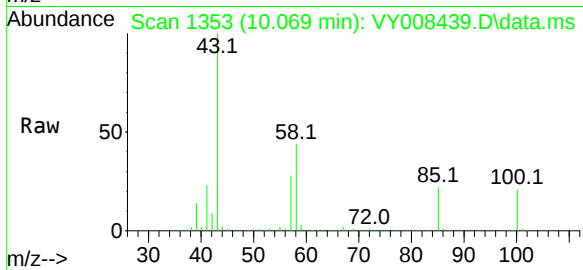




#51
4-Methyl-2-Pentanone
Concen: 572.454 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

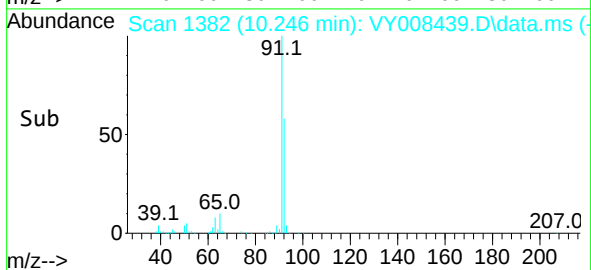
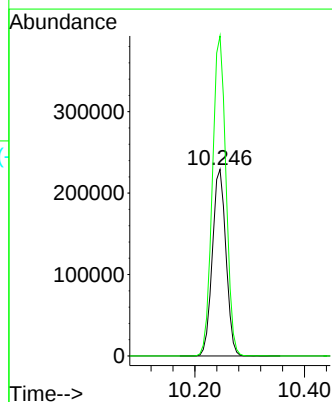
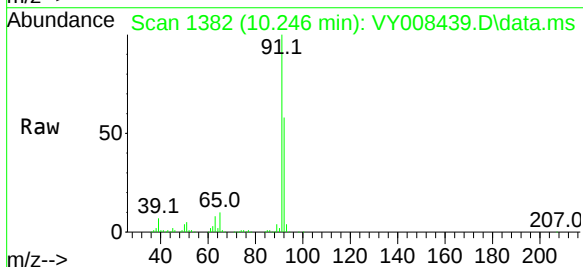
Instrument :
MSVOA_Y
ClientSampleId :

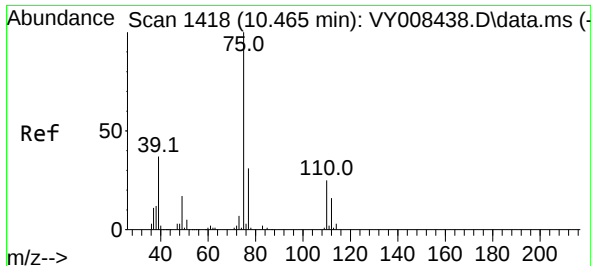
Tgt Ion: 43 Resp: 521033
Ion Ratio Lower Upper
43 100
58 45.0 28.1 42.1#



#52
Toluene
Concen: 111.727 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

Tgt Ion: 92 Resp: 392645
Ion Ratio Lower Upper
92 100
91 171.5 142.6 213.8

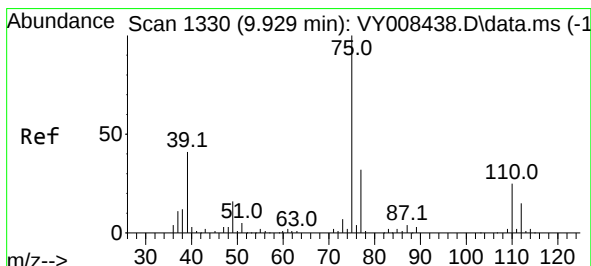
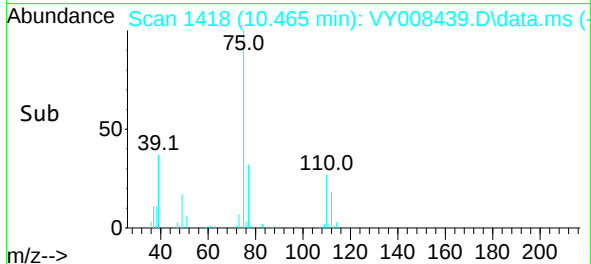
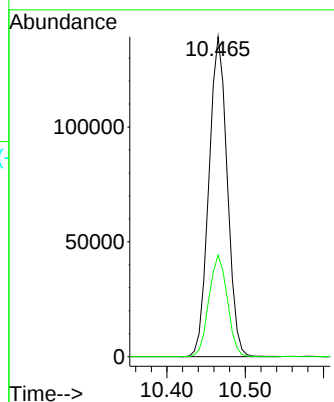
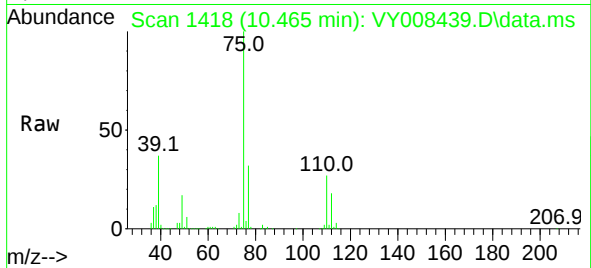




#53
 t-1,3-Dichloropropene
 Concen: 113.258 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY008439.D
 Acq: 21 Apr 2022 13:20

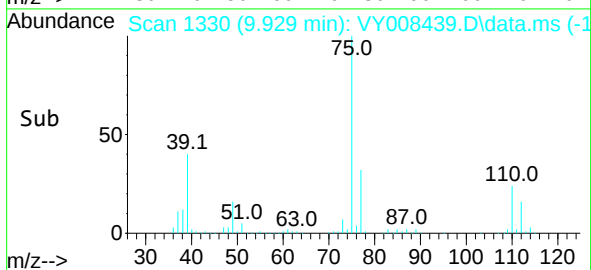
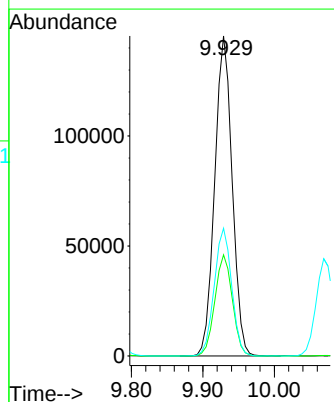
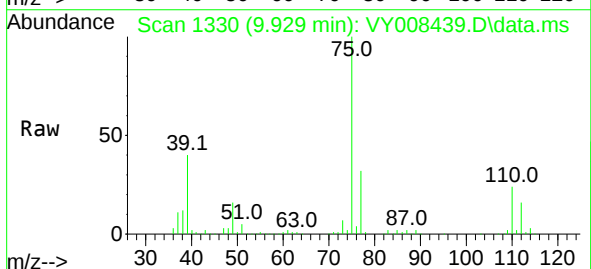
Instrument :
 MSVOA_Y
 ClientSampleId :

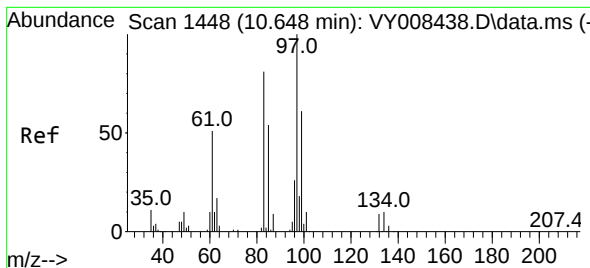
Tgt Ion: 75 Resp: 226938
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 110.027 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY008439.D
 Acq: 21 Apr 2022 13:20

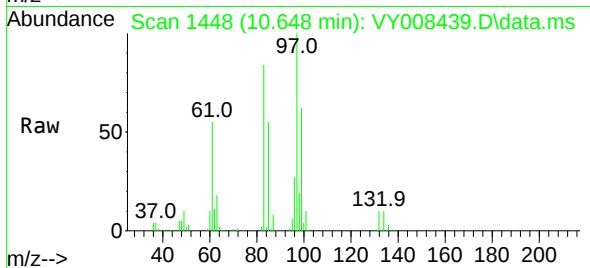
Tgt Ion: 75 Resp: 246431
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.6 38.4
 39 39.9 47.6 71.4#



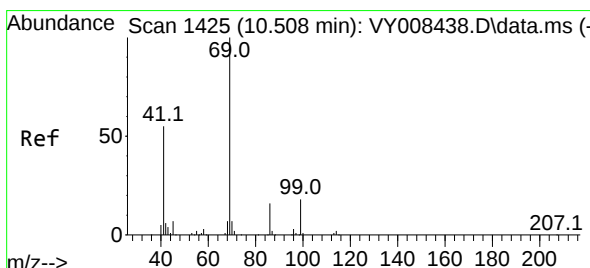
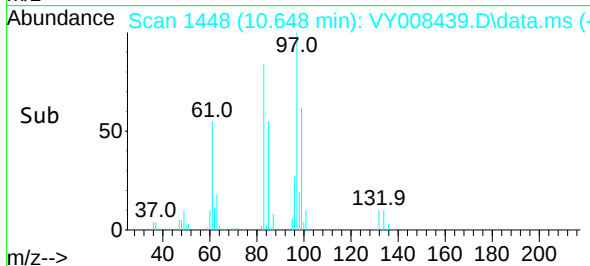
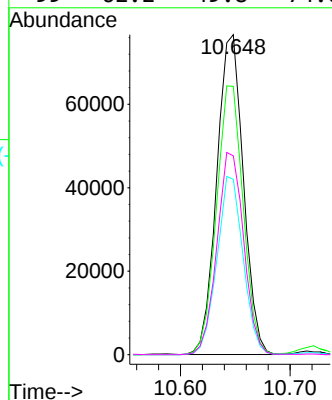


#55
 1,1,2-Trichloroethane
 Concen: 104.711 ug/l
 RT: 10.648 min Scan# 1448
 Delta R.T. 0.000 min
 Lab File: VY008439.D
 Acq: 21 Apr 2022 13:20

Instrument :
 MSVOA_Y
 ClientSampleId :

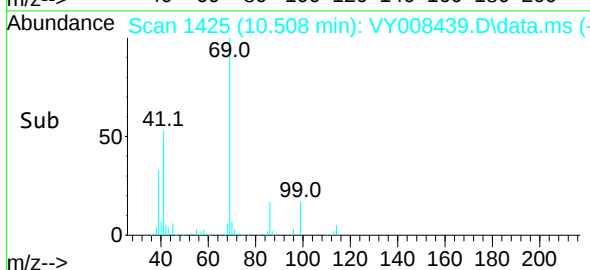
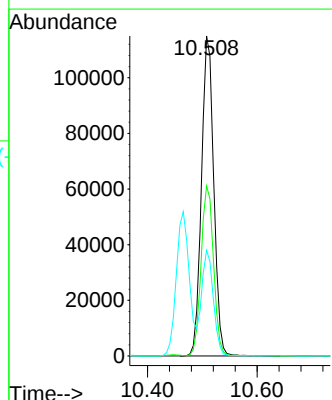
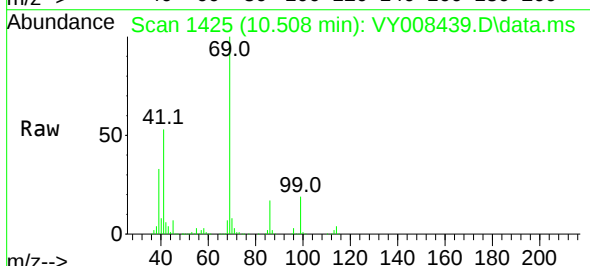


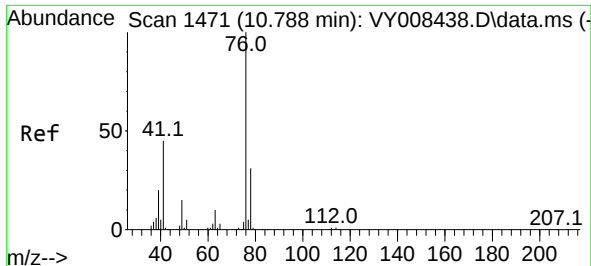
Tgt Ion:	97	Resp:	129405
Ion	Ratio	Lower	Upper
97	100		
83	83.9	69.8	104.8
85	54.8	44.3	66.5
99	62.2	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 116.656 ug/l
 RT: 10.508 min Scan# 1425
 Delta R.T. 0.000 min
 Lab File: VY008439.D
 Acq: 21 Apr 2022 13:20

Tgt Ion:	69	Resp:	178992
Ion	Ratio	Lower	Upper
69	100		
41	53.6	63.4	95.0#
39	31.2	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 107.321 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008439.D

Acq: 21 Apr 2022 13:20

Instrument :

MSVOA_Y

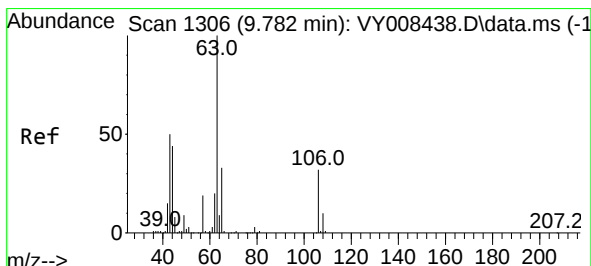
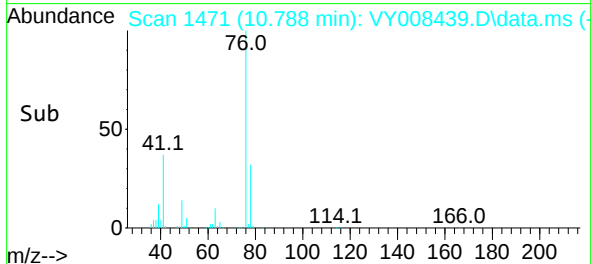
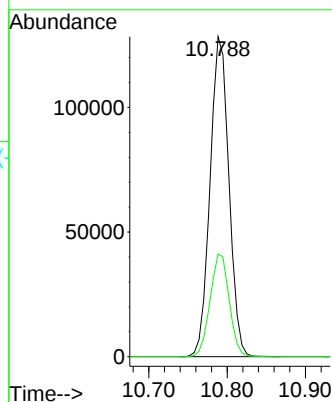
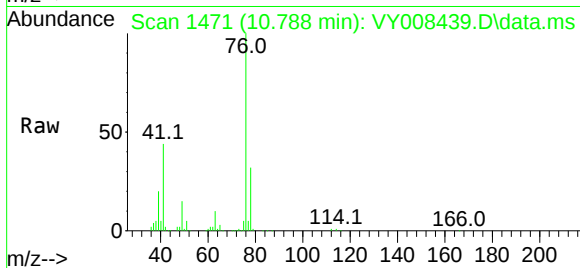
ClientSampleId :

Tgt Ion: 76 Resp: 214116

Ion Ratio Lower Upper

76 100

78 32.5 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 720.097 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008439.D

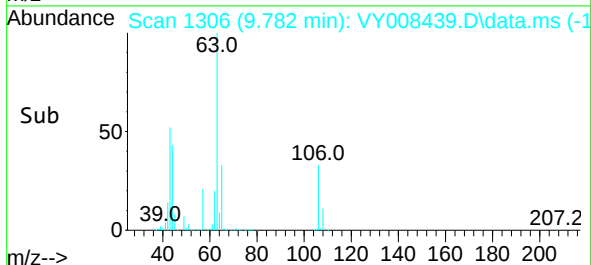
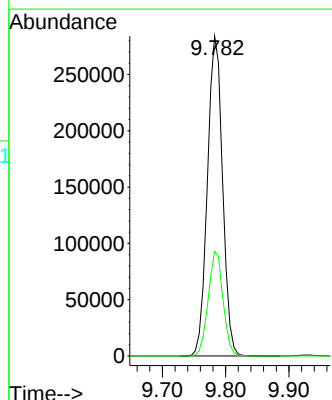
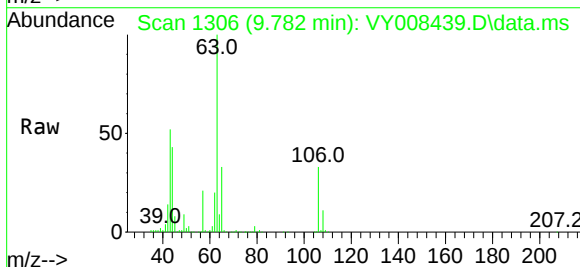
Acq: 21 Apr 2022 13:20

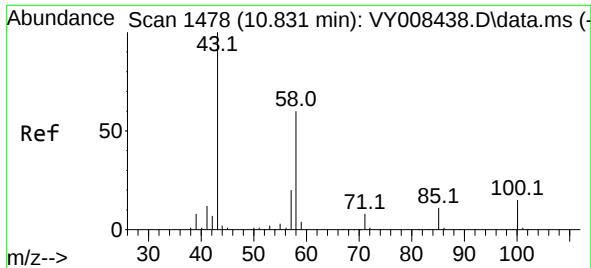
Tgt Ion: 63 Resp: 472697

Ion Ratio Lower Upper

63 100

106 32.0 21.5 32.3

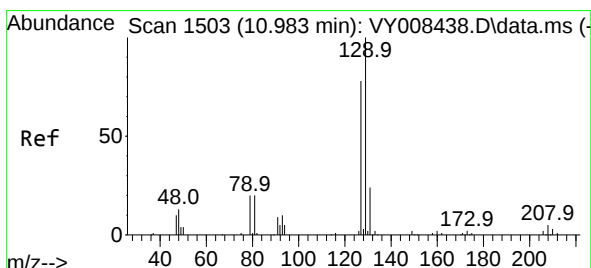
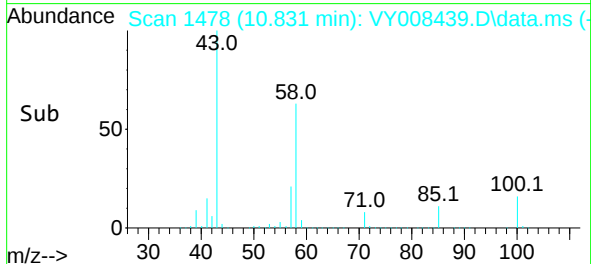
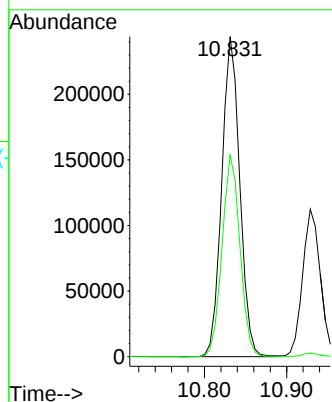
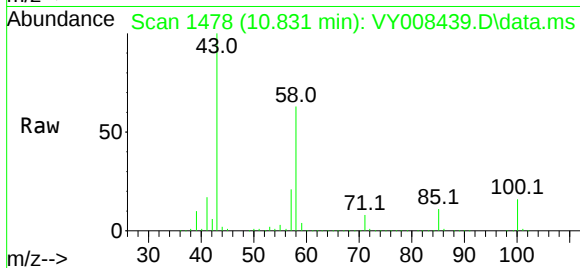




#59
2-Hexanone
Concen: 590.993 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

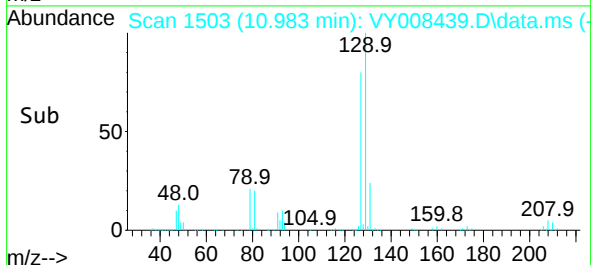
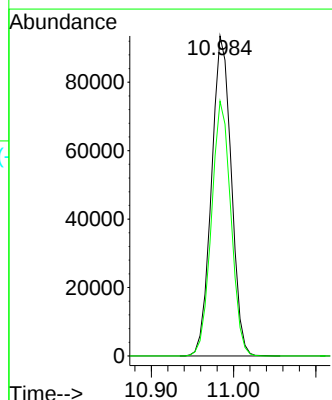
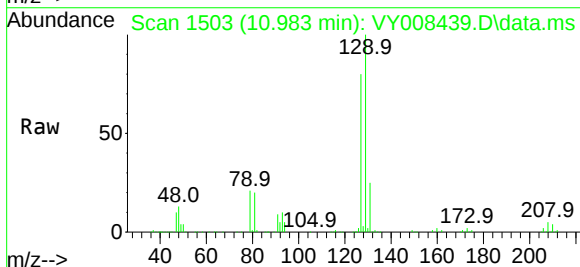
Instrument :
MSVOA_Y
ClientSampleId :

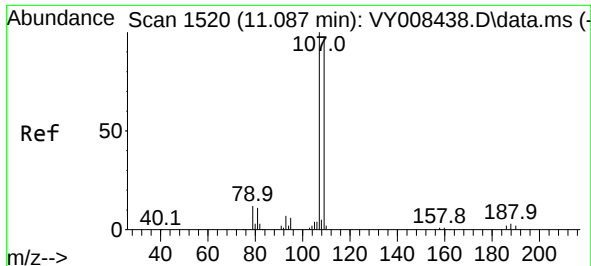
Tgt Ion: 43 Resp: 371852
Ion Ratio Lower Upper
43 100
58 62.7 24.4 73.4



#60
Dibromochloromethane
Concen: 108.598 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

Tgt Ion: 129 Resp: 156286
Ion Ratio Lower Upper
129 100
127 78.2 38.7 116.1

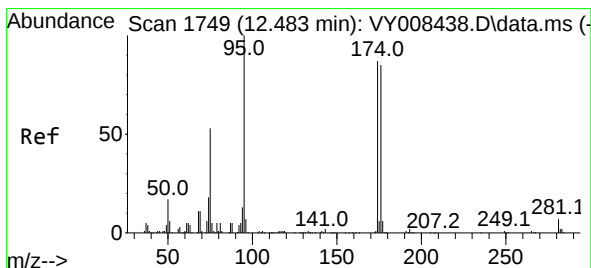
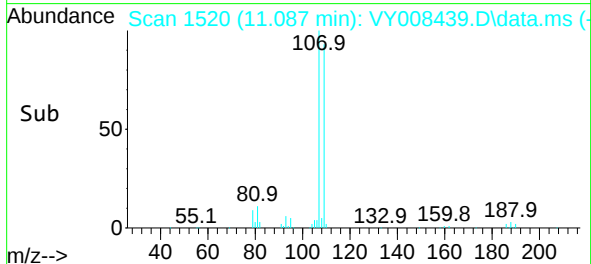
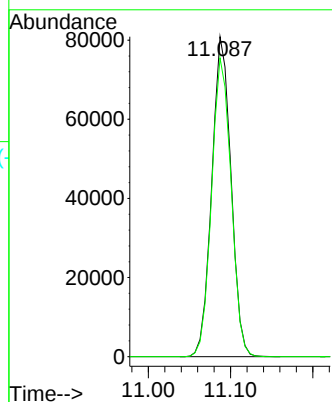
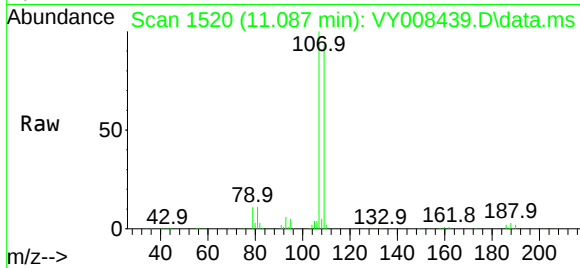




#61
1,2-Dibromoethane
Concen: 108.241 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

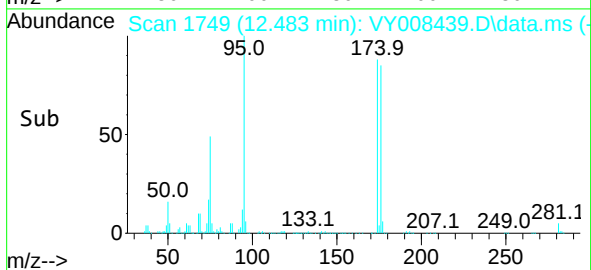
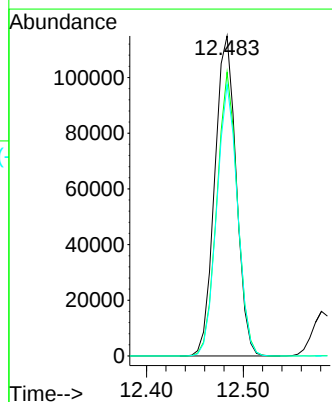
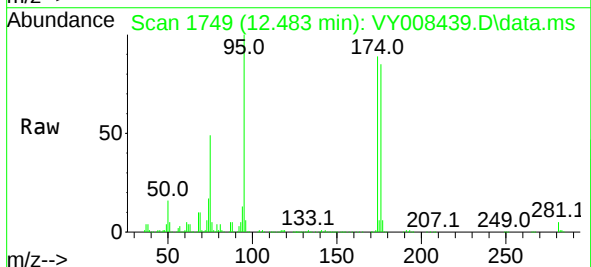
Instrument :
MSVOA_Y
ClientSampleId :

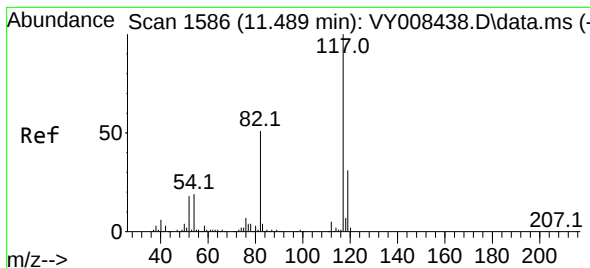
Tgt Ion:107 Resp: 131004
Ion Ratio Lower Upper
107 100
109 95.0 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 118.804 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

Tgt Ion: 95 Resp: 176798
Ion Ratio Lower Upper
95 100
174 84.5 0.0 177.0
176 81.9 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

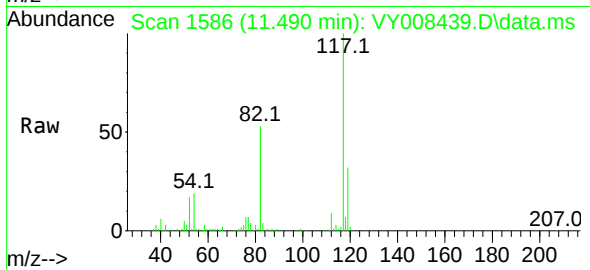
Lab File: VY008439.D

Acq: 21 Apr 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :



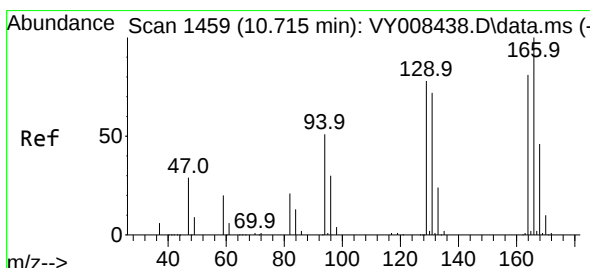
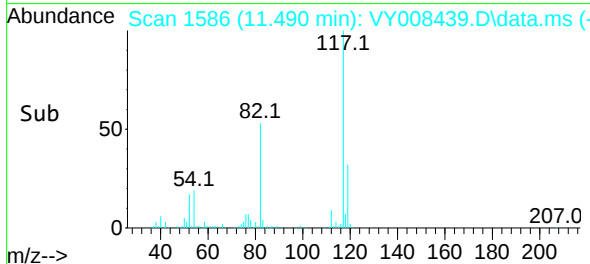
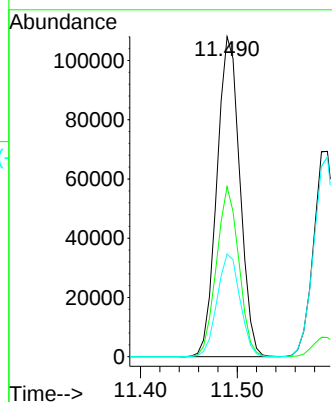
Tgt Ion:117 Resp: 177879

Ion Ratio Lower Upper

117 100

82 53.2 43.0 64.4

119 32.1 25.4 38.0



#64

Tetrachloroethene

Concen: 108.324 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY008439.D

Acq: 21 Apr 2022 13:20

Tgt Ion:164 Resp: 137332

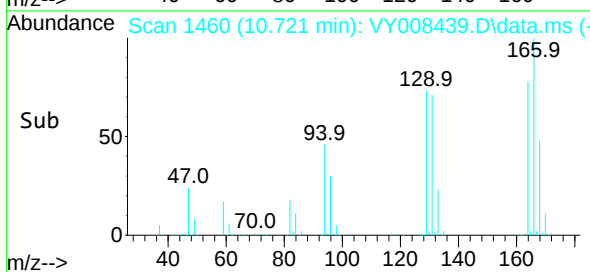
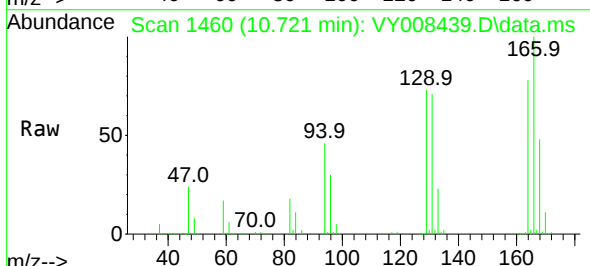
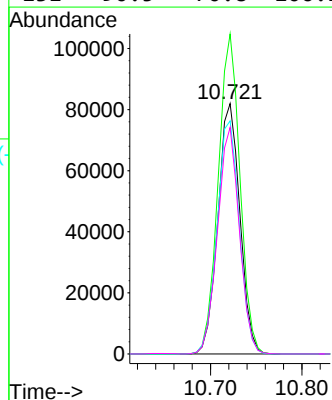
Ion Ratio Lower Upper

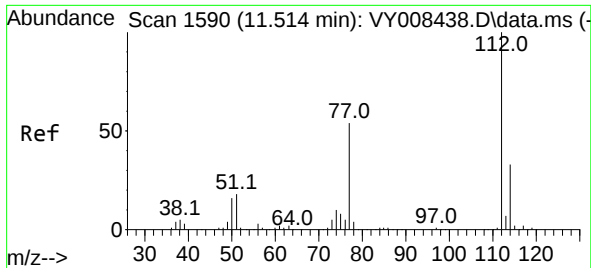
164 100

166 127.8 100.4 150.6

129 93.1 71.4 107.0

131 90.5 70.8 106.2

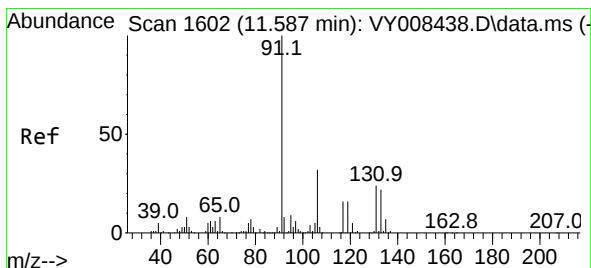
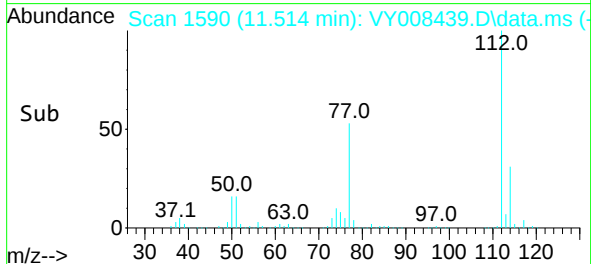
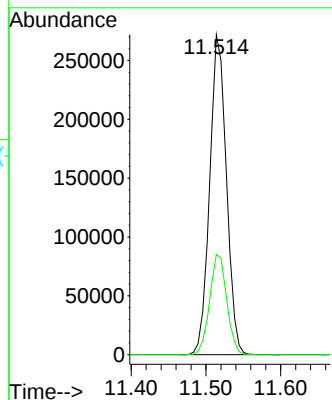
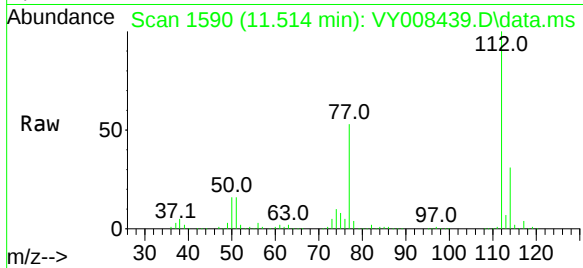




#65
Chlorobenzene
Concen: 108.061 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

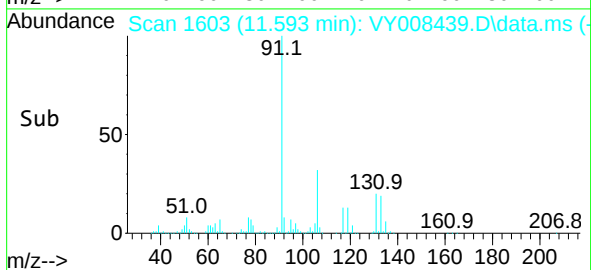
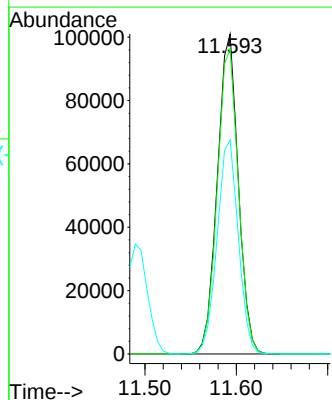
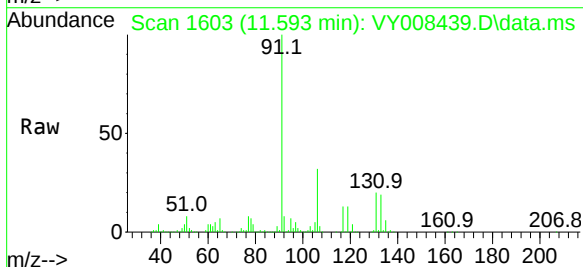
Instrument :
MSVOA_Y
ClientSampleId :

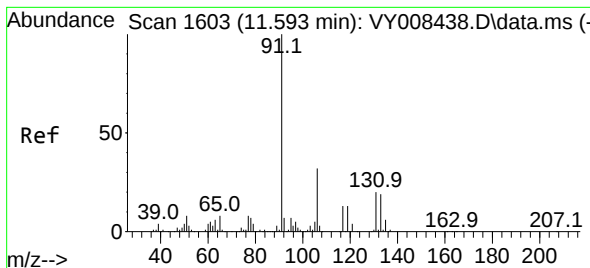
Tgt Ion:112 Resp: 423639
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 110.516 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

Tgt Ion:131 Resp: 160877
Ion Ratio Lower Upper
131 100
133 96.5 47.9 143.6
119 67.7 30.8 92.3





#67

Ethyl Benzene

Concen: 113.755 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008439.D

Acq: 21 Apr 2022 13:20

Instrument :

MSVOA_Y

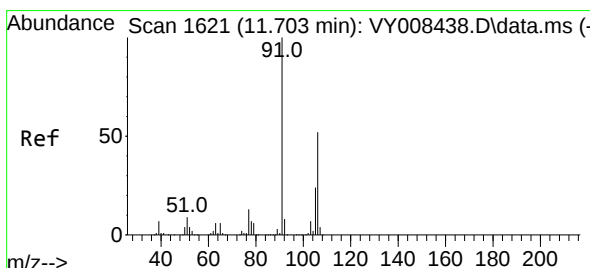
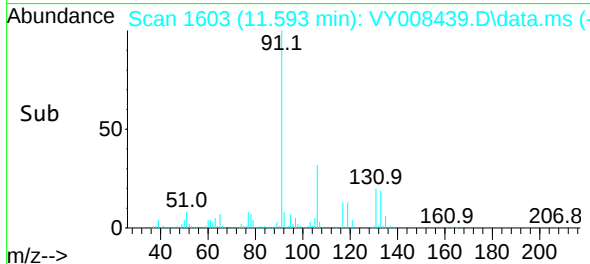
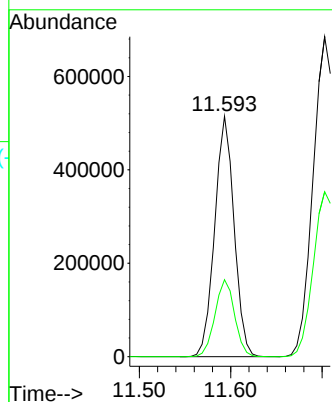
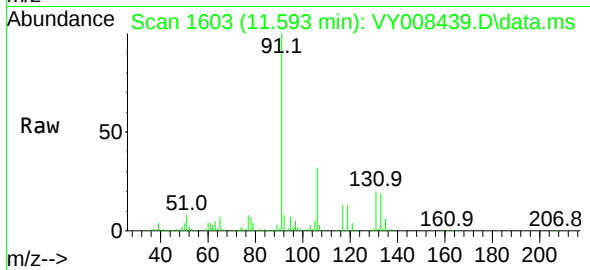
ClientSampleId :

Tgt Ion: 91 Resp: 758068

Ion Ratio Lower Upper

91 100

106 32.0 24.5 36.7



#68

m/p-Xylenes

Concen: 238.657 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY008439.D

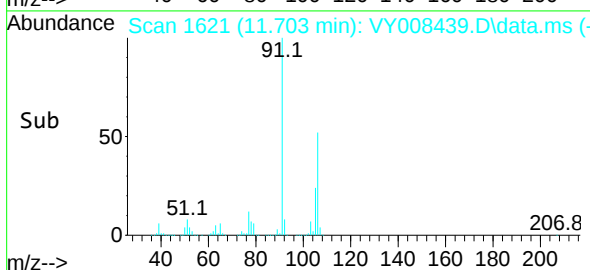
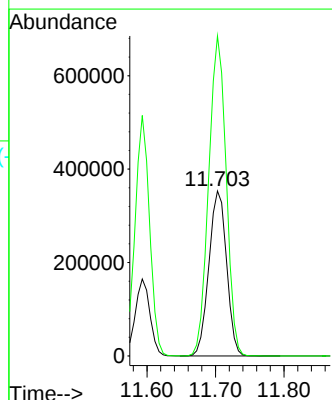
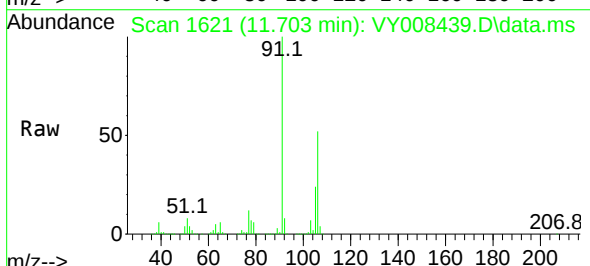
Acq: 21 Apr 2022 13:20

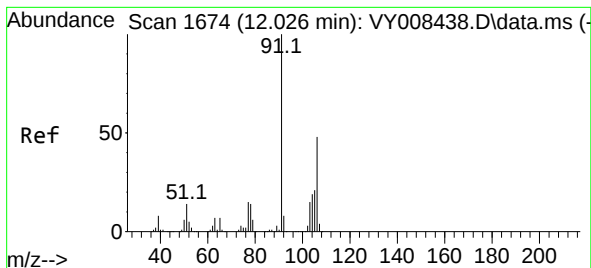
Tgt Ion:106 Resp: 633103

Ion Ratio Lower Upper

106 100

91 191.5 166.6 249.8





#69

o-Xylene

Concen: 115.927 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY008439.D

Acq: 21 Apr 2022 13:20

Instrument :

MSVOA_Y

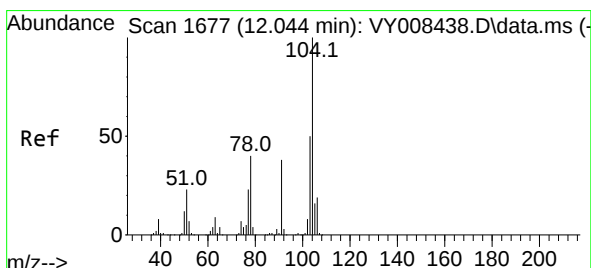
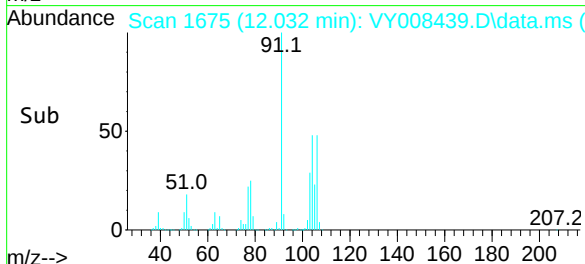
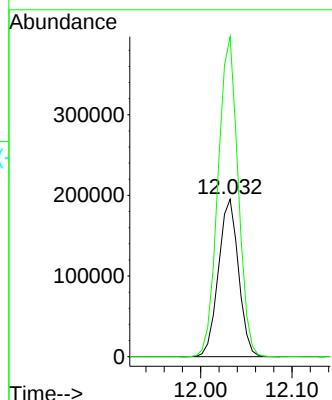
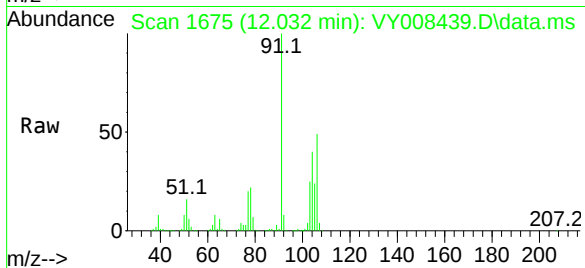
ClientSampleId :

Tgt Ion:106 Resp: 297884

Ion Ratio Lower Upper

106 100

91 203.6 110.3 331.0



#70

Styrene

Concen: 122.556 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY008439.D

Acq: 21 Apr 2022 13:20

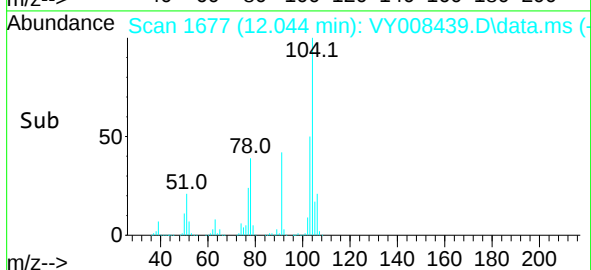
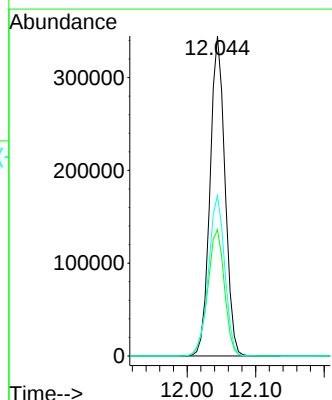
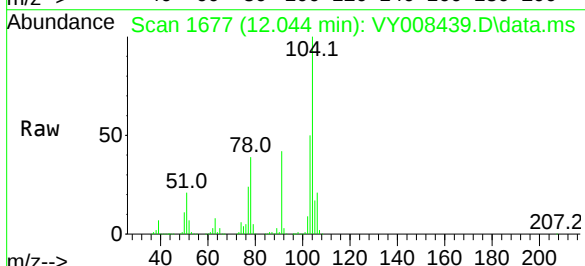
Tgt Ion:104 Resp: 523289

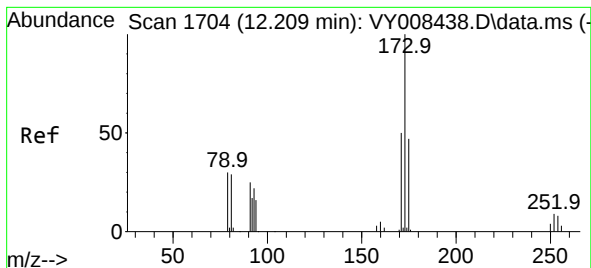
Ion Ratio Lower Upper

104 100

78 44.0 42.4 63.6

103 54.1 44.4 66.6





#71

Bromoform

Concen: 115.647 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

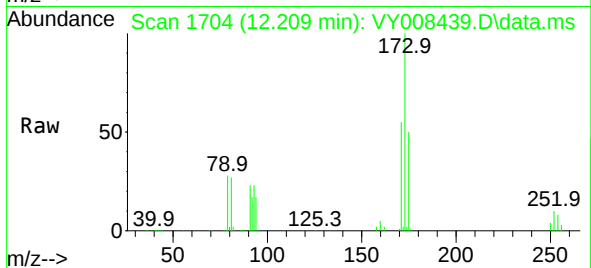
Lab File: VY008439.D

Acq: 21 Apr 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :



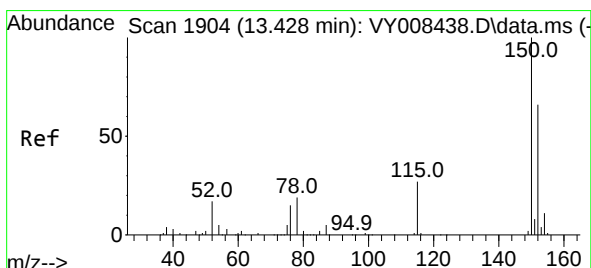
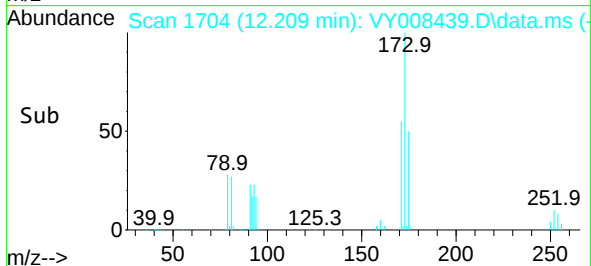
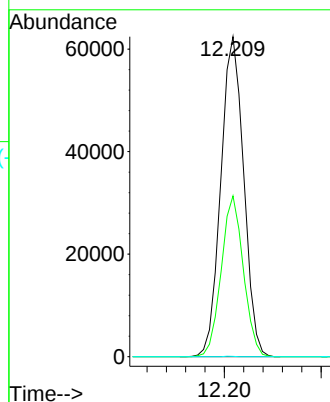
Tgt Ion:173 Resp: 102457

Ion Ratio Lower Upper

173 100

175 48.4 24.6 74.0

254 0.1 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: VY008439.D

Acq: 21 Apr 2022 13:20

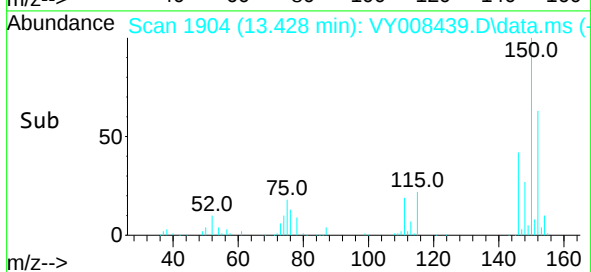
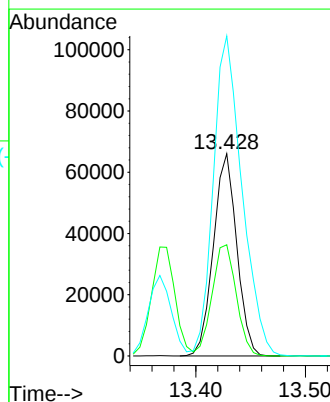
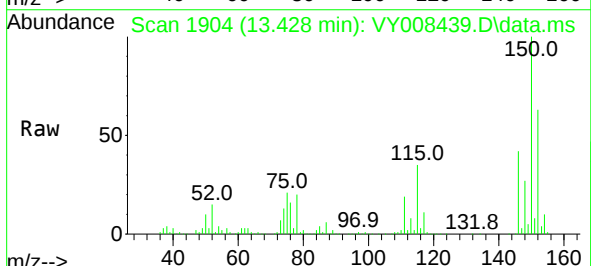
Tgt Ion:152 Resp: 97959

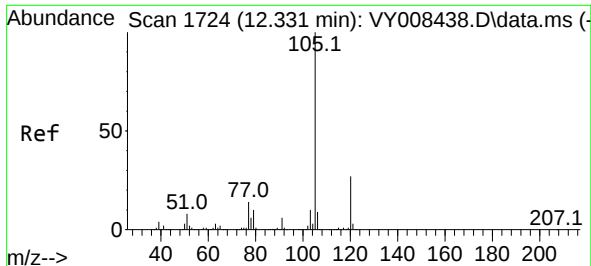
Ion Ratio Lower Upper

152 100

115 57.0 28.2 84.7

150 194.1 0.0 347.6

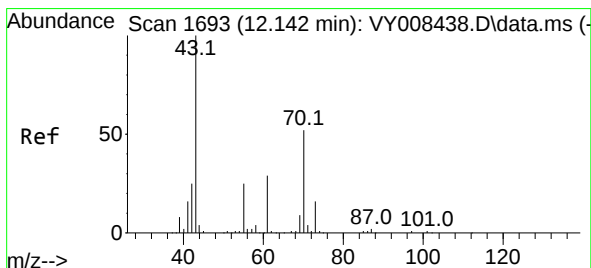
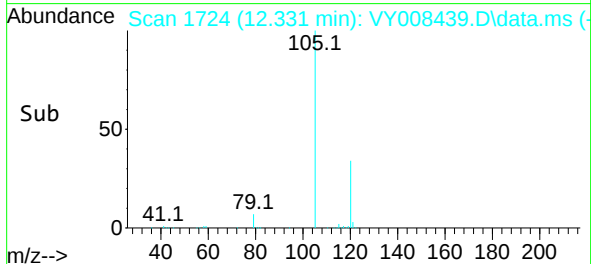
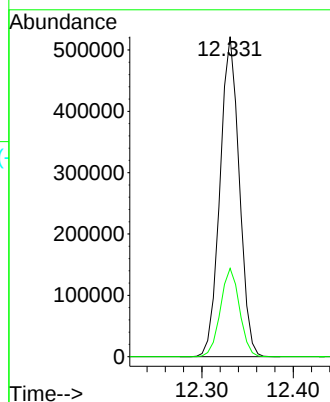
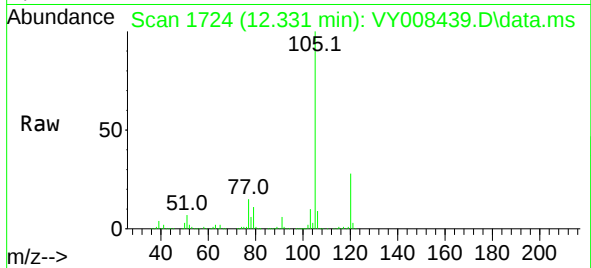




#73
Isopropylbenzene
Concen: 103.853 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

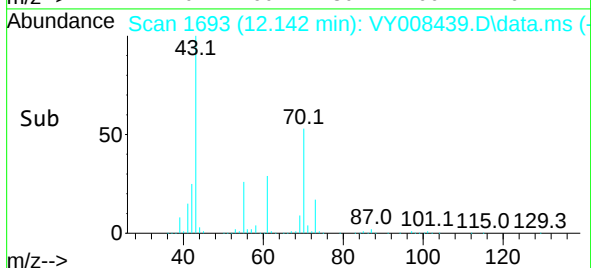
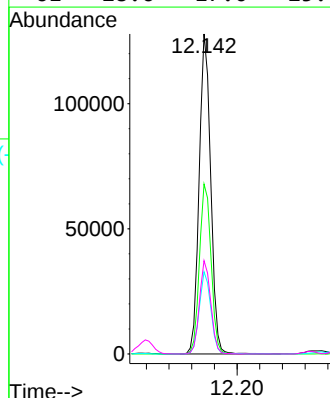
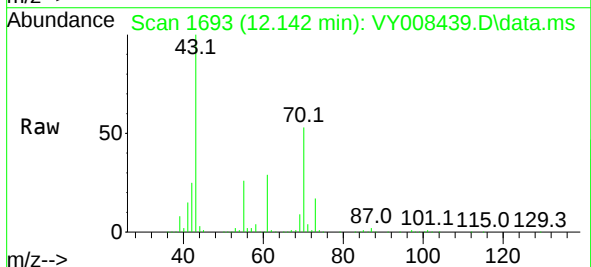
Instrument :
MSVOA_Y
ClientSampleId :

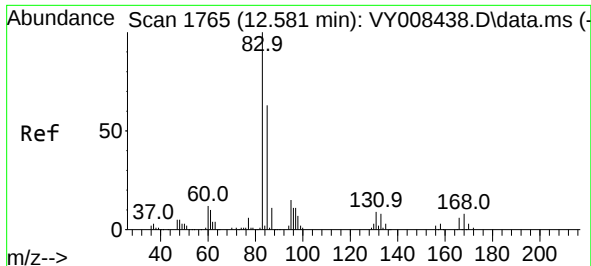
Tgt Ion:105 Resp: 764879
Ion Ratio Lower Upper
105 100
120 27.4 13.4 40.2



#74
N-ethyl acetate
Concen: 108.270 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

Tgt Ion: 43 Resp: 180704
Ion Ratio Lower Upper
43 100
70 53.4 28.7 43.1#
55 25.7 17.3 25.9
61 28.6 17.0 25.6#

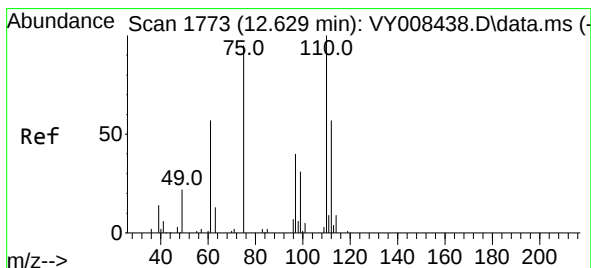
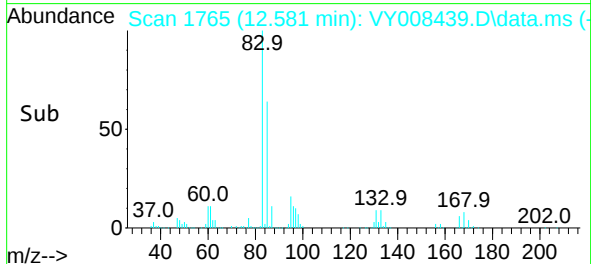
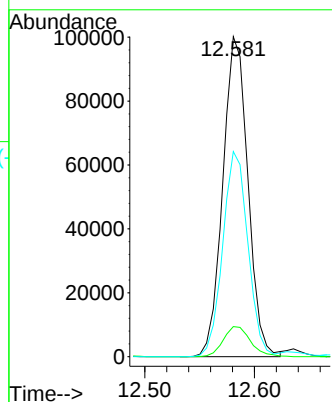
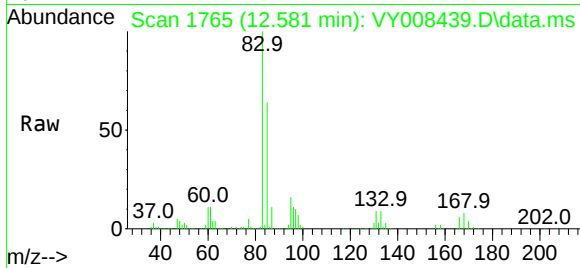




#75
1,1,2,2-Tetrachloroethane
Concen: 99.899 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

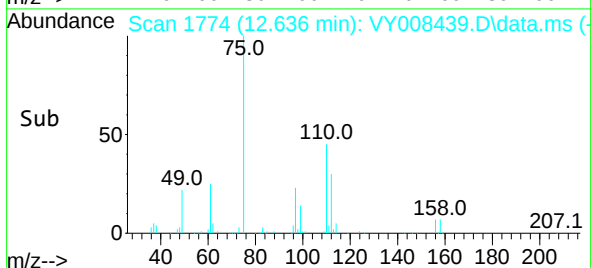
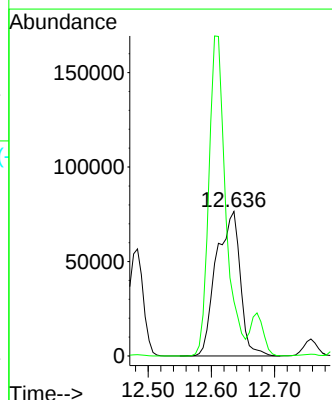
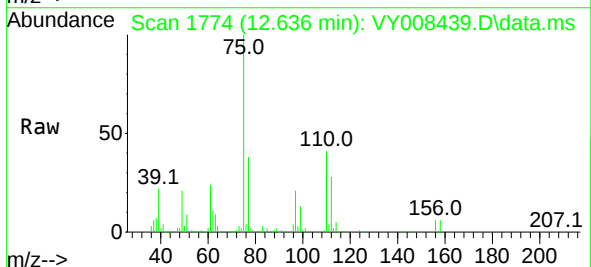
Instrument :
MSVOA_Y
ClientSampleId :

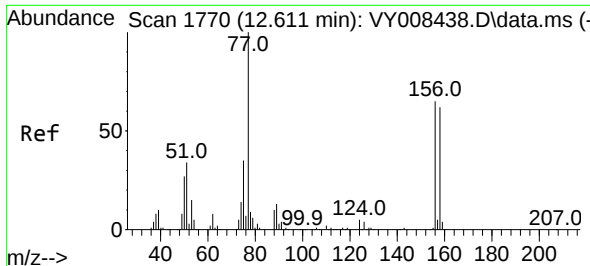
Tgt Ion: 83 Resp: 159520
Ion Ratio Lower Upper
83 100
131 10.2 5.6 16.8
85 64.5 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 179.612 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

Tgt Ion: 75 Resp: 201784
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

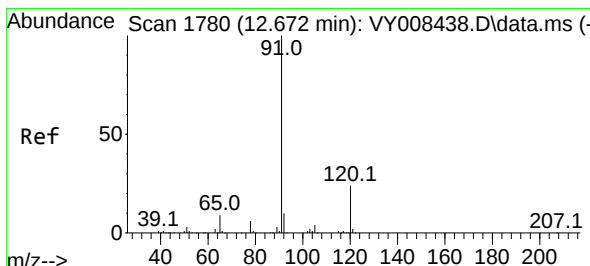
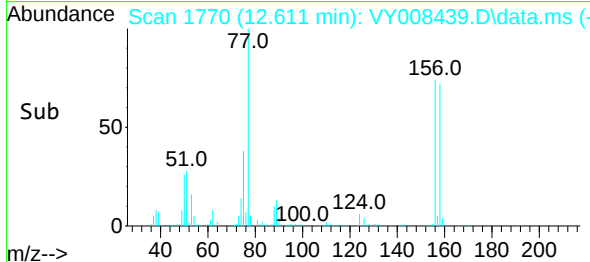
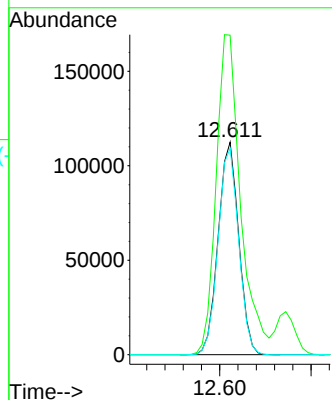
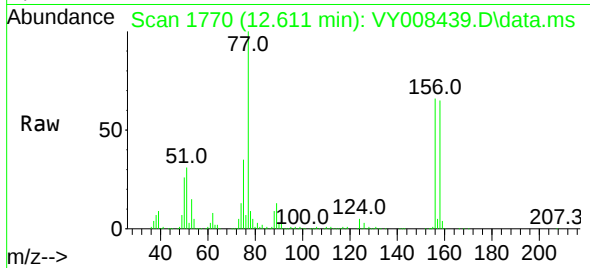




#77
Bromobenzene
Concen: 96.651 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

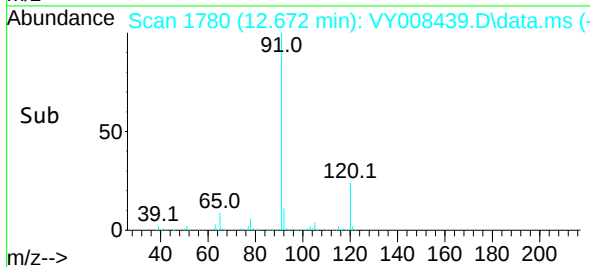
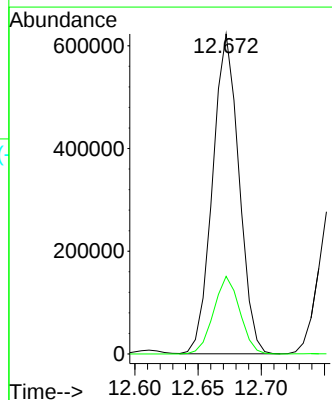
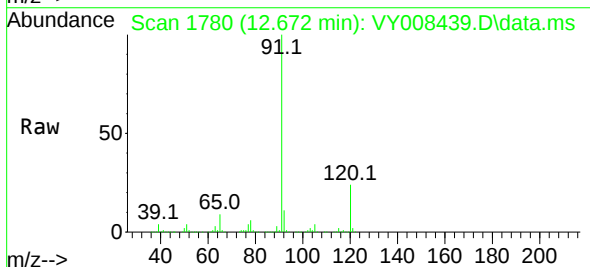
Instrument :
MSVOA_Y
ClientSampleId :

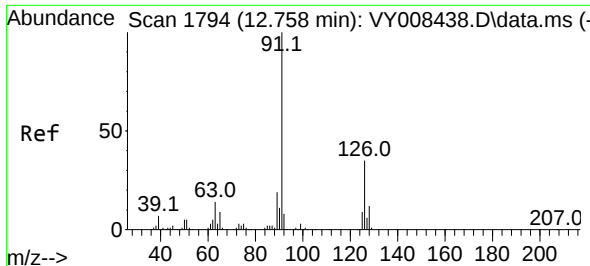
Tgt Ion:156 Resp: 175705
Ion Ratio Lower Upper
156 100
77 179.1 95.5 286.4
158 97.2 48.0 144.0



#78
n-propylbenzene
Concen: 103.376 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

Tgt Ion: 91 Resp: 903066
Ion Ratio Lower Upper
91 100
120 24.0 11.3 33.9

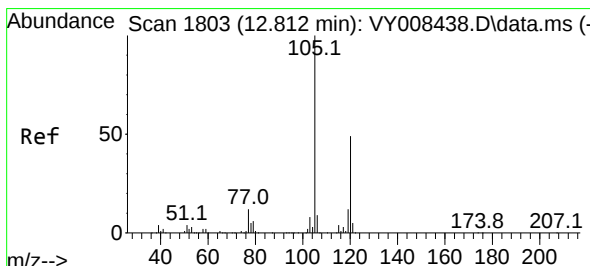
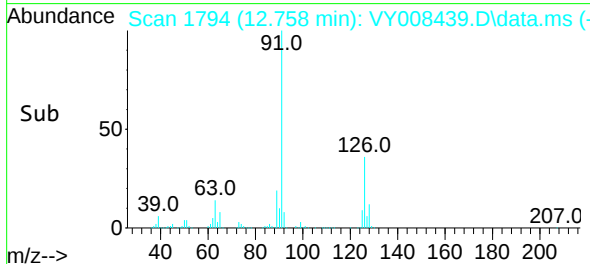
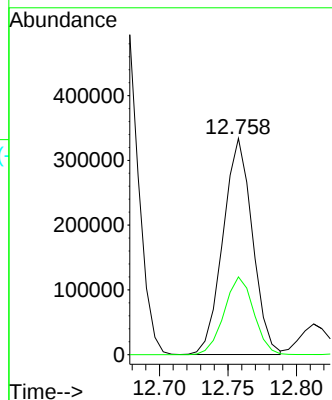
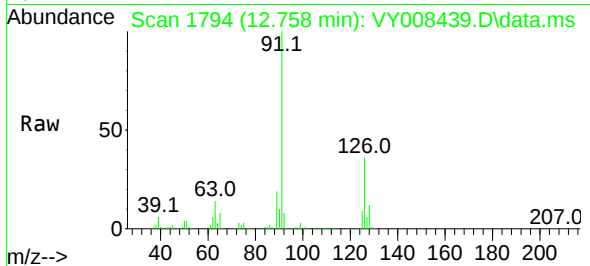




#79
2-Chlorotoluene
Concen: 101.488 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

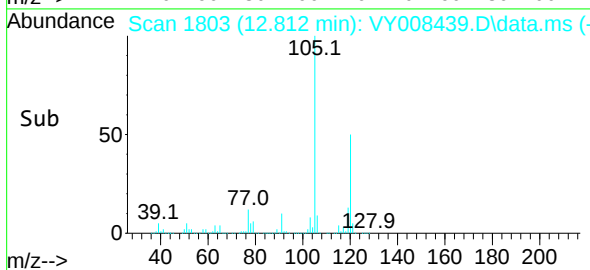
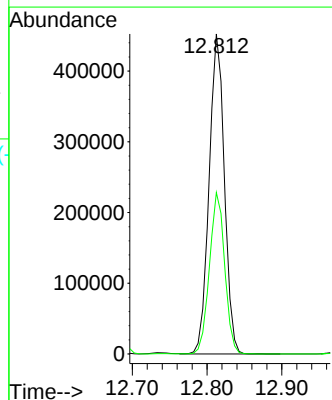
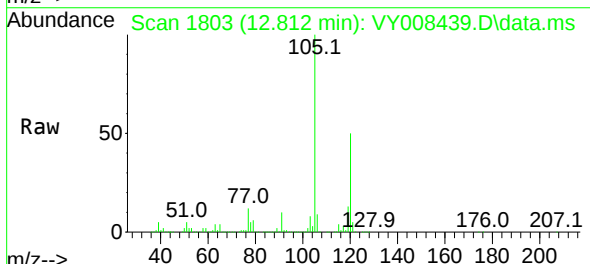
Instrument :
MSVOA_Y
ClientSampleId :

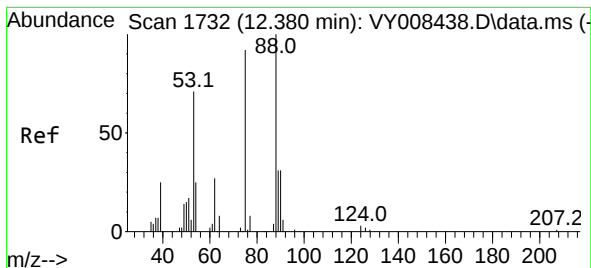
Tgt Ion: 91 Resp: 499006
Ion Ratio Lower Upper
91 100
126 36.3 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 106.173 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

Tgt Ion: 105 Resp: 641857
Ion Ratio Lower Upper
105 100
120 50.4 24.4 73.4

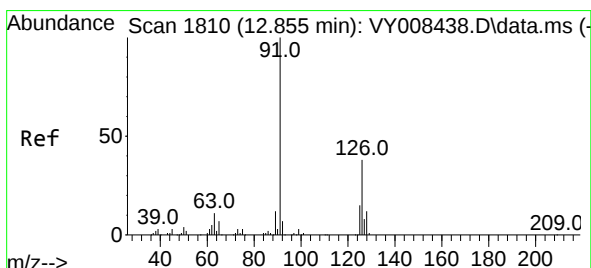
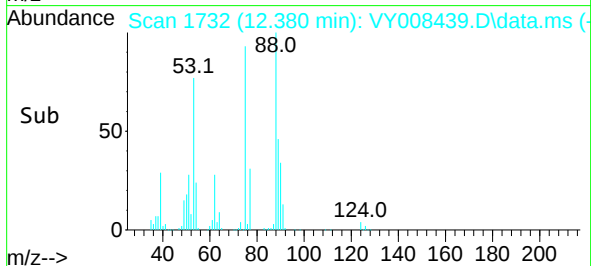
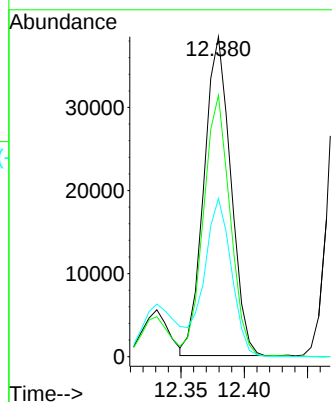
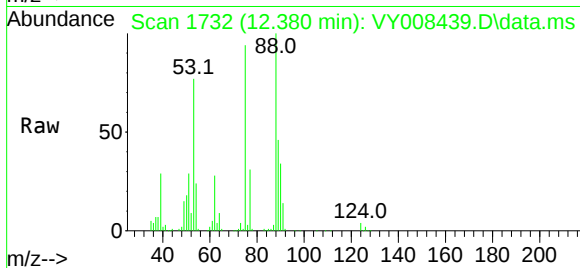




#81
trans-1,4-Dichloro-2-butene
Concen: 111.999 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

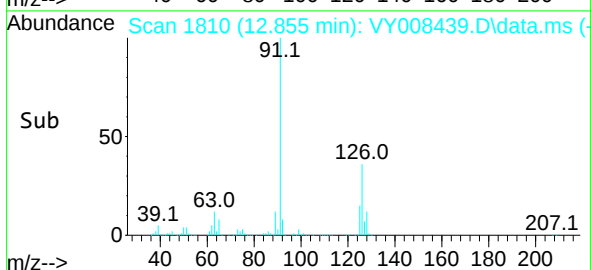
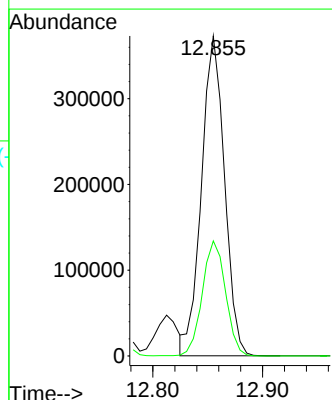
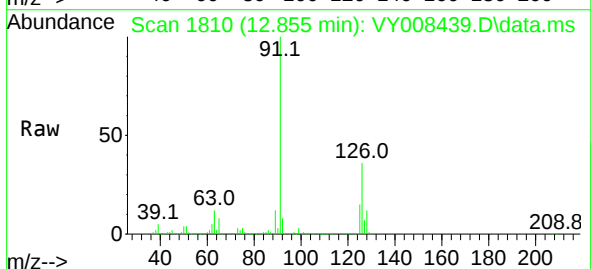
Instrument :
MSVOA_Y
ClientSampleId :

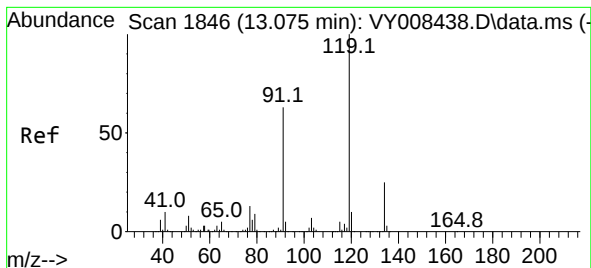
Tgt Ion: 75 Resp: 56655
Ion Ratio Lower Upper
75 100
53 81.4 85.3 127.9#
89 49.5 37.0 55.4



#82
4-Chlorotoluene
Concen: 107.230 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

Tgt Ion: 91 Resp: 543751
Ion Ratio Lower Upper
91 100
126 36.4 17.0 51.0





#83

tert-Butylbenzene

Concen: 102.794 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY008439.D

Acq: 21 Apr 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

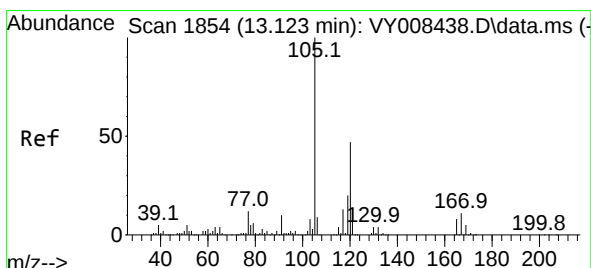
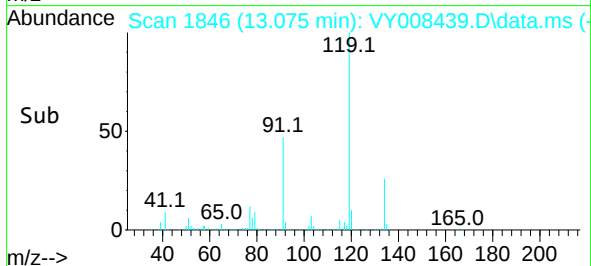
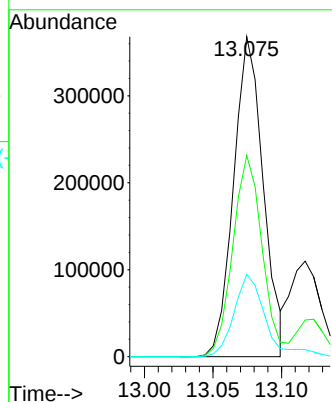
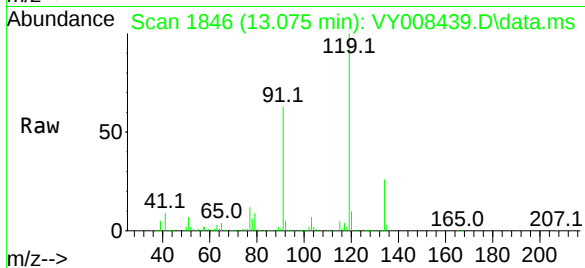
Tgt Ion:119 Resp: 554340

Ion Ratio Lower Upper

119 100

91 62.6 34.8 104.4

134 27.2 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 107.360 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY008439.D

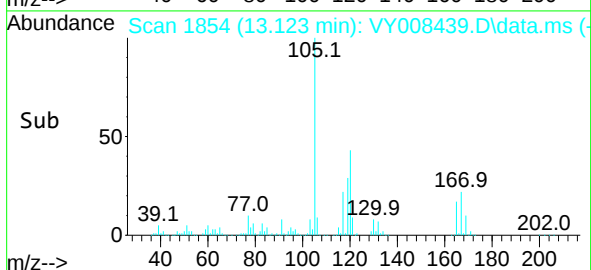
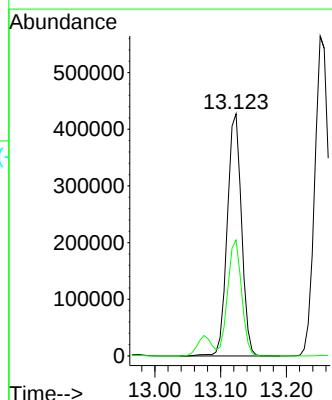
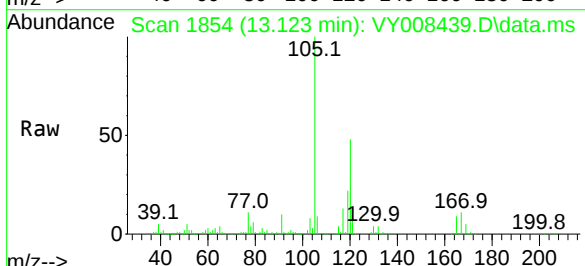
Acq: 21 Apr 2022 13:20

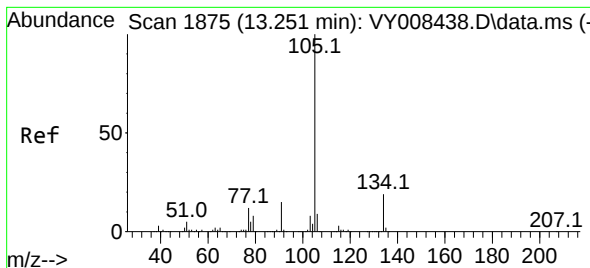
Tgt Ion:105 Resp: 643078

Ion Ratio Lower Upper

105 100

120 46.9 22.3 66.9





#85

sec-Butylbenzene

Concen: 104.912 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY008439.D

Acq: 21 Apr 2022 13:20

Instrument :

MSVOA_Y

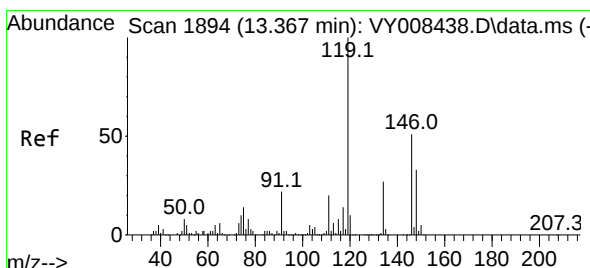
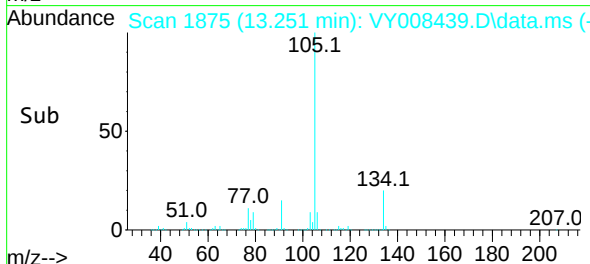
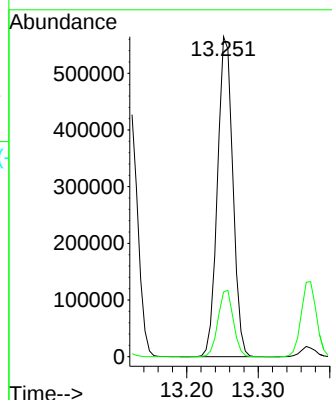
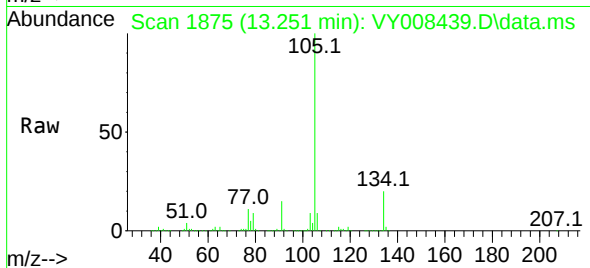
ClientSampleId :

Tgt Ion:105 Resp: 842420

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.4



#86

p-Isopropyltoluene

Concen: 108.649 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY008439.D

Acq: 21 Apr 2022 13:20

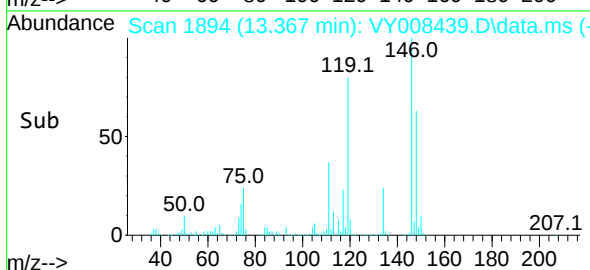
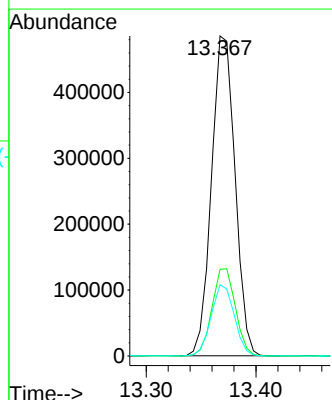
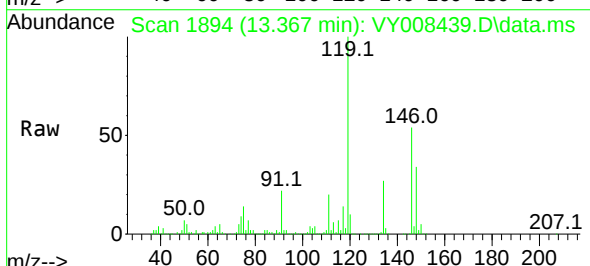
Tgt Ion:119 Resp: 725370

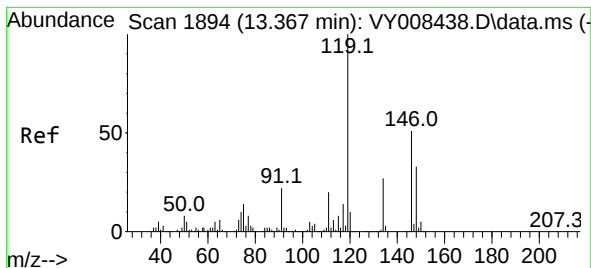
Ion Ratio Lower Upper

119 100

134 27.1 13.2 39.5

91 21.8 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 107.101 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008439.D

Acq: 21 Apr 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

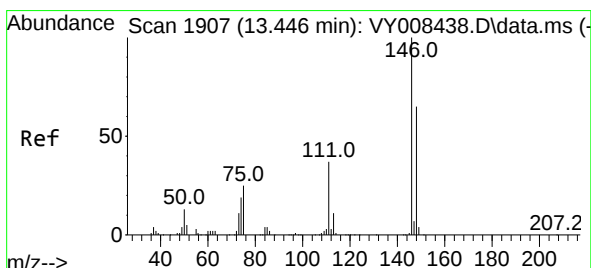
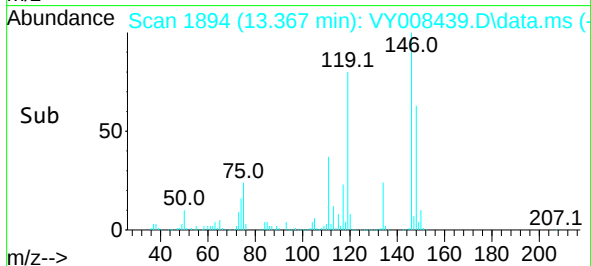
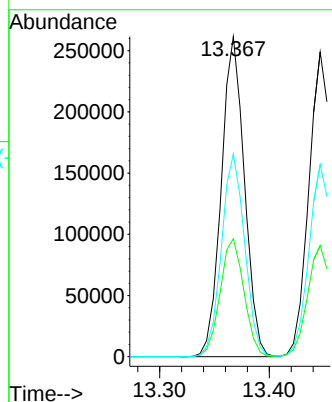
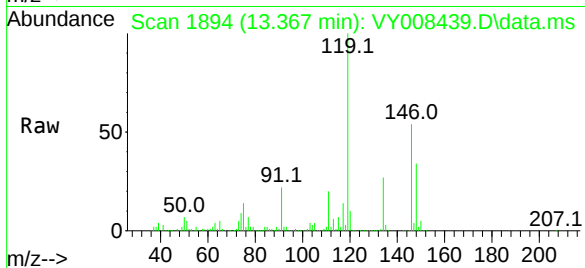
Tgt Ion:146 Resp: 382786

Ion Ratio Lower Upper

146 100

111 37.9 19.5 58.5

148 63.7 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 103.457 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY008439.D

Acq: 21 Apr 2022 13:20

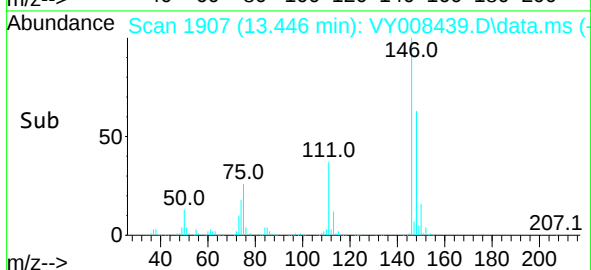
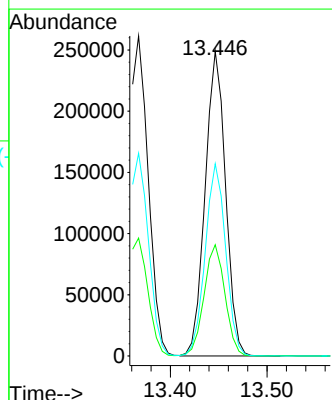
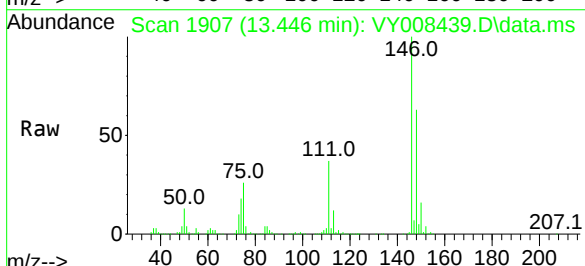
Tgt Ion:146 Resp: 365865

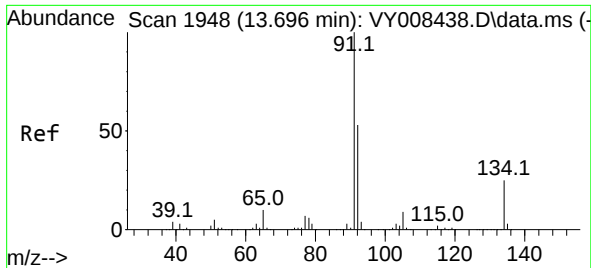
Ion Ratio Lower Upper

146 100

111 37.4 19.3 57.8

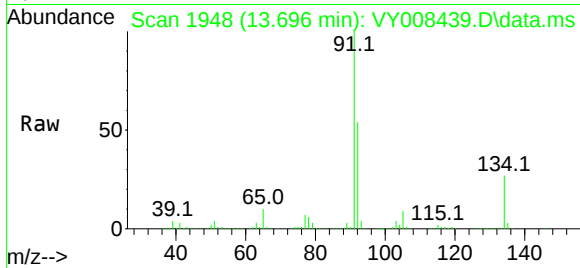
148 63.4 32.6 97.8



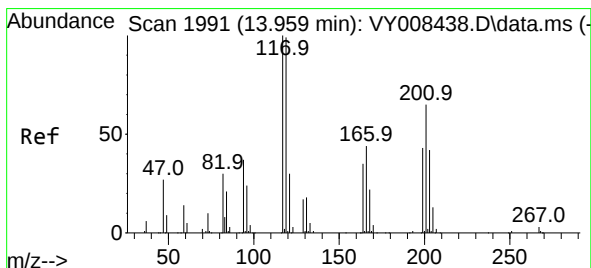
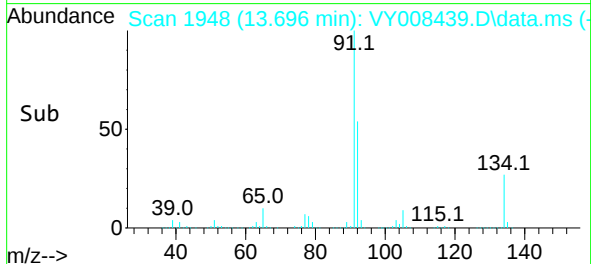
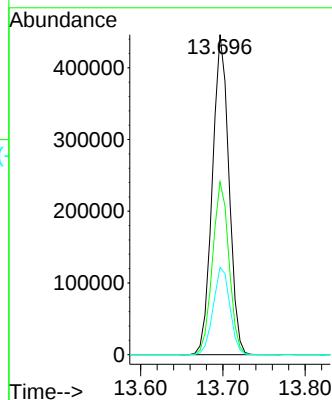


#89
n-Butylbenzene
Concen: 102.725 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

Instrument :
MSVOA_Y
ClientSampleId :

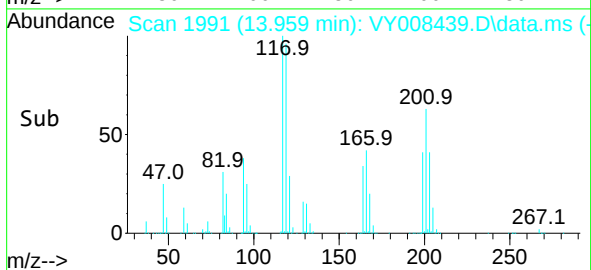
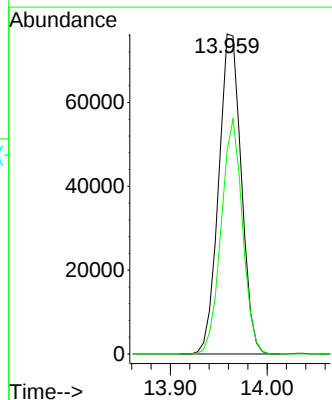
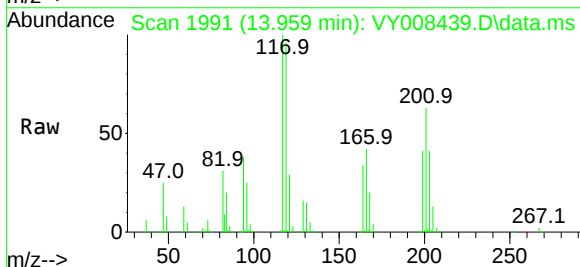


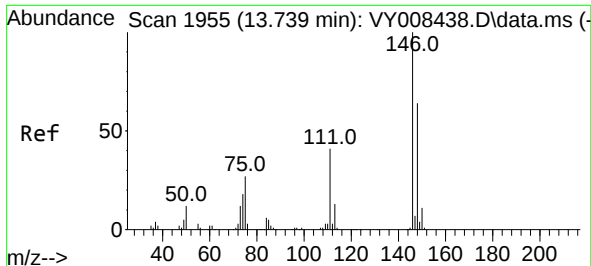
Tgt Ion: 91 Resp: 624552
Ion Ratio Lower Upper
91 100
92 53.6 26.3 78.9
134 27.5 13.0 38.9



#90
Hexachloroethane
Concen: 99.158 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY008439.D
Acq: 21 Apr 2022 13:20

Tgt Ion: 117 Resp: 123776
Ion Ratio Lower Upper
117 100
201 69.2 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 103.542 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY008439.D

Acq: 21 Apr 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

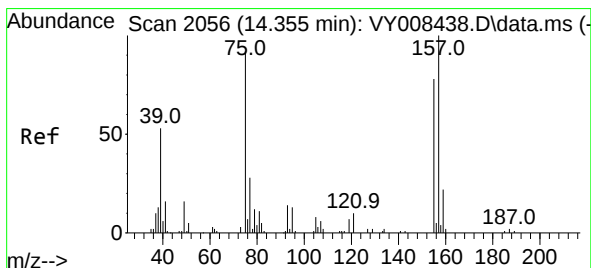
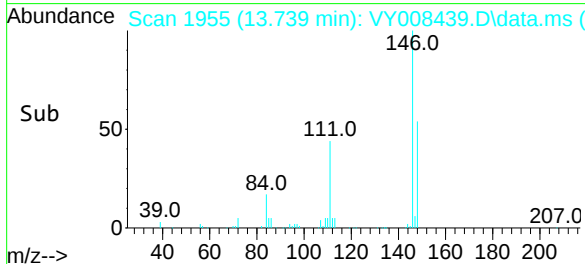
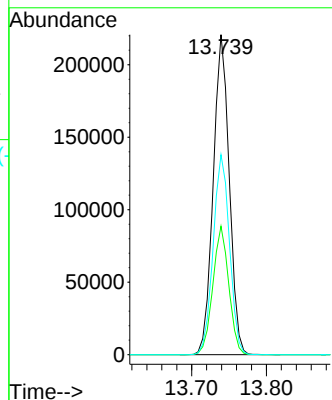
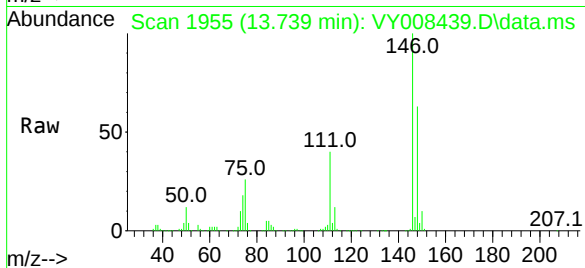
Tgt Ion:146 Resp: 329629

Ion Ratio Lower Upper

146 100

111 39.9 20.3 60.9

148 63.8 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 101.573 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY008439.D

Acq: 21 Apr 2022 13:20

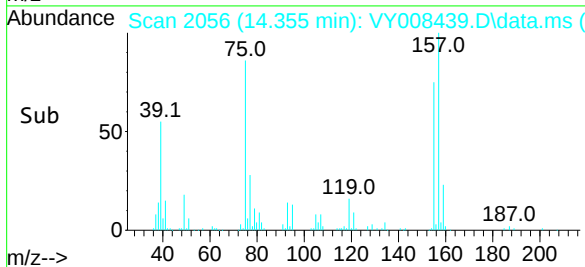
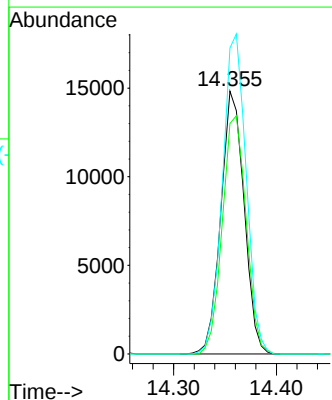
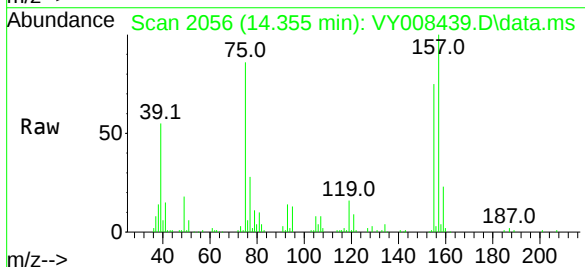
Tgt Ion: 75 Resp: 23300

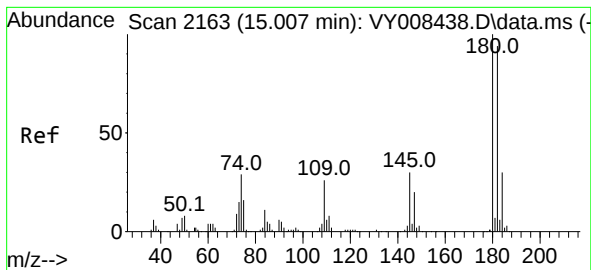
Ion Ratio Lower Upper

75 100

155 92.7 38.0 113.9

157 123.7 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 90.804 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY008439.D

Acq: 21 Apr 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

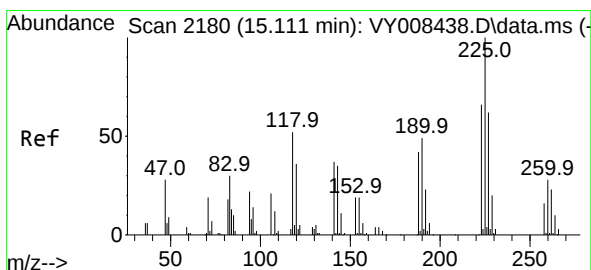
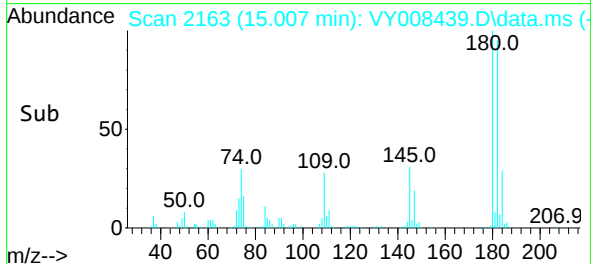
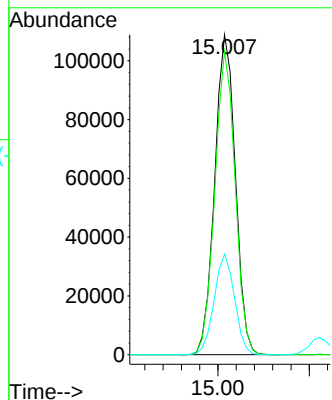
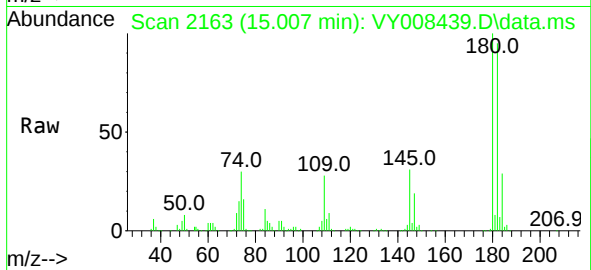
Tgt Ion:180 Resp: 170801

Ion Ratio Lower Upper

180 100

182 93.4 47.3 141.9

145 31.0 14.6 43.8



#94

Hexachlorobutadiene

Concen: 88.027 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY008439.D

Acq: 21 Apr 2022 13:20

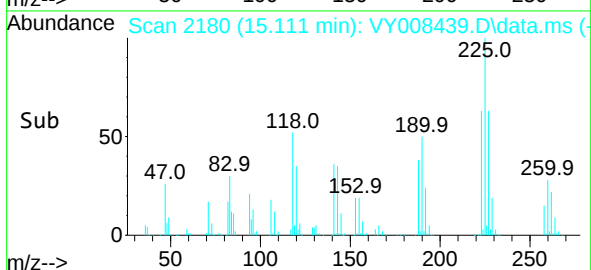
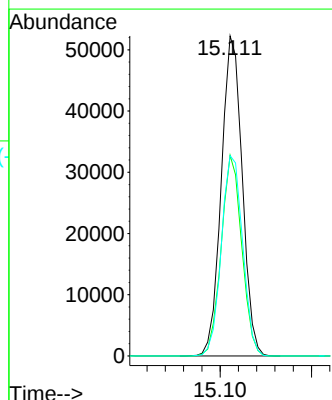
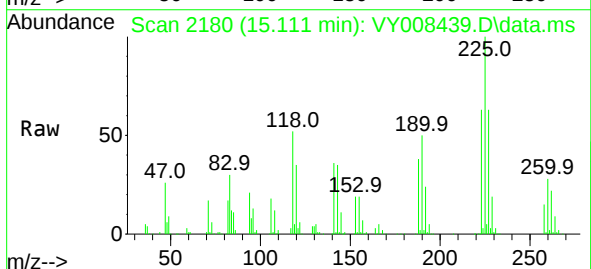
Tgt Ion:225 Resp: 83159

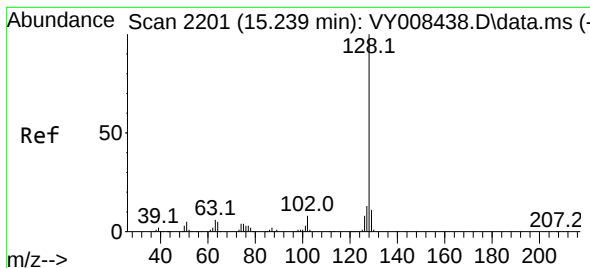
Ion Ratio Lower Upper

225 100

223 61.5 30.8 92.3

227 63.7 31.6 94.7





#95

Naphthalene

Concen: 95.491 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY008439.D

Acq: 21 Apr 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

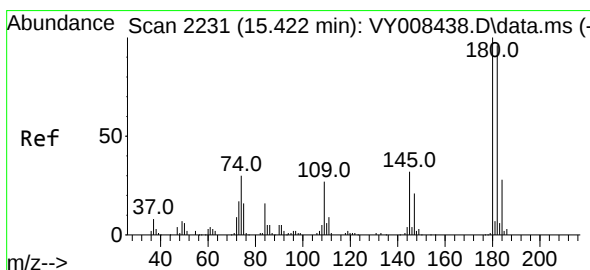
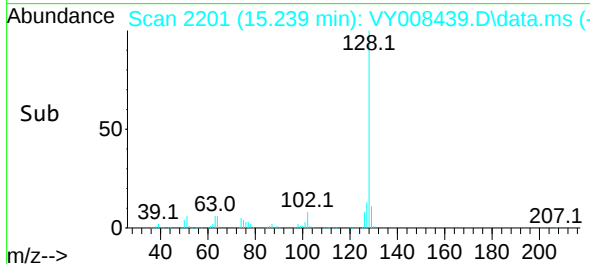
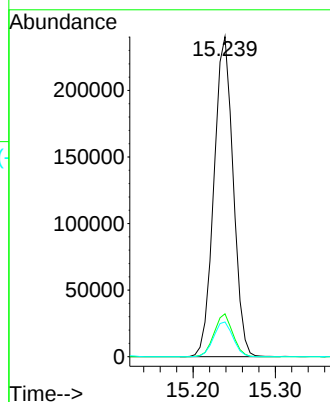
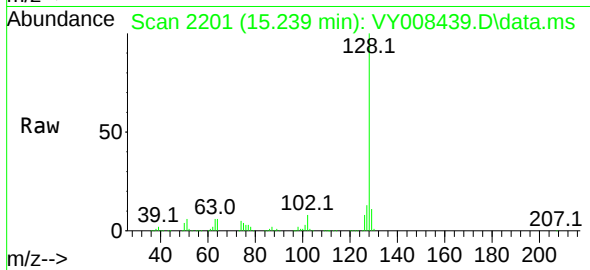
Tgt Ion:128 Resp: 390279

Ion Ratio Lower Upper

128 100

127 13.0 11.0 16.4

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 88.824 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY008439.D

Acq: 21 Apr 2022 13:20

Tgt Ion:180 Resp: 146696

Ion Ratio Lower Upper

180 100

182 96.0 47.3 141.9

145 32.6 15.3 45.9

