

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051722\
 Data File : VY008797.D
 Acq On : 18 May 2022 01:20
 Operator : KP/MD
 Sample : BFB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 18 08:00:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	79	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	339	50.000	ug/l	# 0.00
63) Chlorobenzene-d5	11.490	117	924	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	951	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	260	354.761	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	709.520%#
35) Dibromofluoromethane	7.704	113	48	24.234	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	48.460%#
50) Toluene-d8	10.185	98	538	60.403	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	120.800%
62) 4-Bromofluorobenzene	12.483	95	89485	26499.326	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	52998.660%#
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	280	478.642	ug/l	# 74
4) Vinyl Chloride	2.241	62	116	119.294	ug/l	# 43
5) Bromomethane	2.650	94	447	509.011	ug/l	# 70
6) Chloroethane	2.759	64	21	21.989	ug/l	# 43
10) Methyl Iodide	4.082	142	584	713.536	ug/l	# 53
11) Tert butyl alcohol	4.930	59	54	666.674	ug/l	# 77
14) Allyl chloride	4.534	41	45	45.638	ug/l	# 22
16) Acetone	3.942	43	791	5389.420	ug/l	93
18) Methyl Acetate	4.491	43	34	66.897	ug/l	# 56
20) Methylene Chloride	4.704	84	5188	7894.798	ug/l	# 84
23) Vinyl Acetate	6.052	43	30	20.376	ug/l	# 75
25) 2-Butanone	6.978	43	1053	3423.679	ug/l	# 54
26) 2,2-Dichloropropane	6.984	77	177	134.403	ug/l	# 55
29) Tetrahydrofuran	7.344	42	98	478.316	ug/l	# 38
30) Chloroform	7.509	83	26	17.502	ug/l	# 18
36) 1,1-Dichloropropene	7.911	75	19	5.989	ug/l	# 42
37) Ethyl Acetate	7.076	43	77	40.731	ug/l	# 72
40) Benzene	8.161	78	168	18.926	ug/l	# 50
41) Methacrylonitrile	7.326	41	56	56.328	ug/l	# 1
43) Isopropyl Acetate	8.338	43	49	15.570	ug/l	# 56
48) Methyl methacrylate	9.435	41	23	16.644	ug/l	# 17
51) 4-Methyl-2-Pentanone	10.069	43	496	266.975	ug/l	# 70
52) Toluene	10.252	92	149	24.703	ug/l	# 19
53) t-1,3-Dichloropropene	10.459	75	28	8.772	ug/l	# 43
54) cis-1,3-Dichloropropene	9.929	75	50	14.526	ug/l	# 29
55) 1,1,2-Trichloroethane	10.642	97	21	11.140	ug/l	# 15
57) 1,3-Dichloropropane	10.941	76	388	125.179	ug/l	# 43
59) 2-Hexanone	10.721	43	112	84.372	ug/l	# 28
61) 1,2-Dibromoethane	10.947	107	50	26.598	ug/l	# 3
65) Chlorobenzene	11.514	112	177	9.465	ug/l	# 42
67) Ethyl Benzene	11.593	91	242	7.246	ug/l	# 44
68) m/p-Xylenes	11.709	106	24	1.804	ug/l	# 1
69) o-Xylene	12.014	106	20	1.627	ug/l	# 1
70) Styrene	12.044	104	105	5.046	ug/l	# 78
73) Isopropylbenzene	12.331	105	107	1.641	ug/l	99
74) N-amyl acetate	12.343	43	22	1.413	ug/l	# 47

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

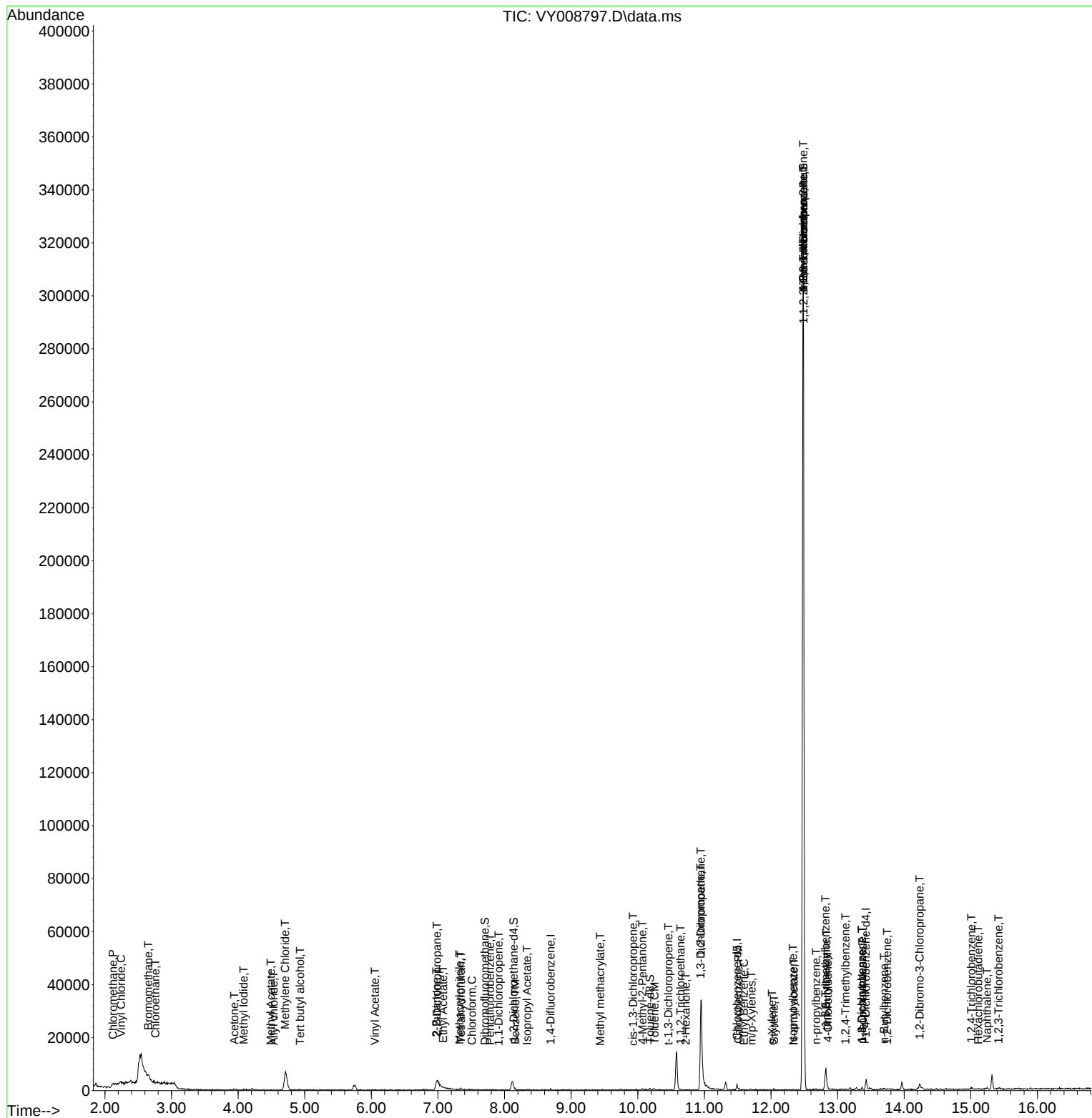
75) 1,1,2,2-Tetrachloroethane	12.489	83	139	9.586	ug/l #	26
76) 1,2,3-Trichloropropane	12.483	75	50174	4567.335	ug/l #	100
78) n-propylbenzene	12.678	91	259	3.232	ug/l #	53
80) 1,3,5-Trimethylbenzene	12.819	105	235	4.463	ug/l #	49
81) trans-1,4-Dichloro-2-b...	12.483	75	50174	9990.057	ug/l #	7
82) 4-Chlorotoluene	12.855	91	278	6.063	ug/l #	41
83) tert-Butylbenzene	12.831	119	161	3.400	ug/l #	42
84) 1,2,4-Trimethylbenzene	13.117	105	207	3.971	ug/l #	58
86) p-Isopropyltoluene	13.373	119	114	1.892	ug/l #	50
87) 1,3-Dichlorobenzene	13.367	146	180	5.668	ug/l	71
88) 1,4-Dichlorobenzene	13.367	146	180	5.731	ug/l	73
89) n-Butylbenzene	13.697	91	294	5.141	ug/l #	61
91) 1,2-Dichlorobenzene	13.745	146	223	8.030	ug/l #	54
92) 1,2-Dibromo-3-Chloropr...	14.233	75	221	89.139	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.007	180	191	12.595	ug/l #	46
94) Hexachlorobutadiene	15.111	225	39	4.469	ug/l #	19
95) Naphthalene	15.245	128	510	15.044	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.416	180	186	13.963	ug/l #	74

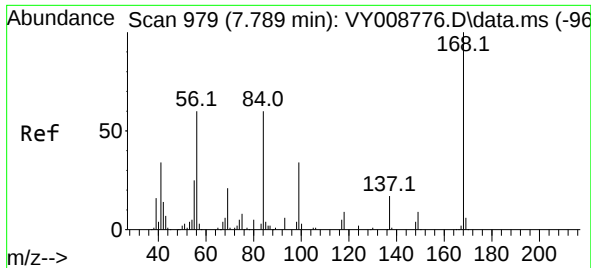
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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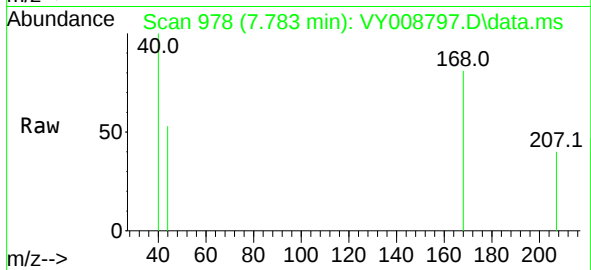
Quant Time: May 18 08:00:29 2022
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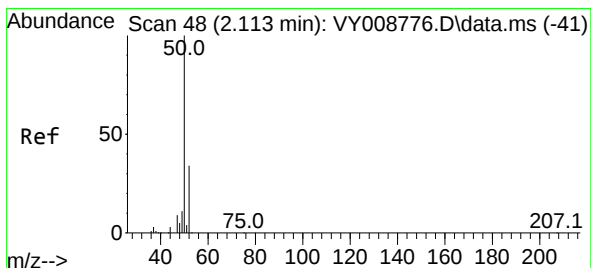
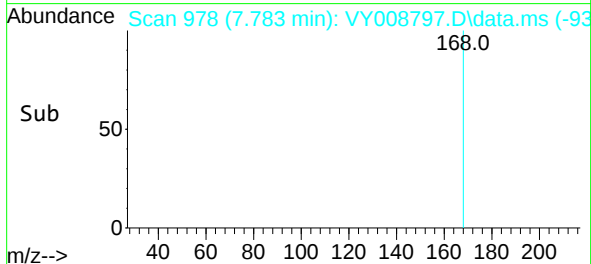
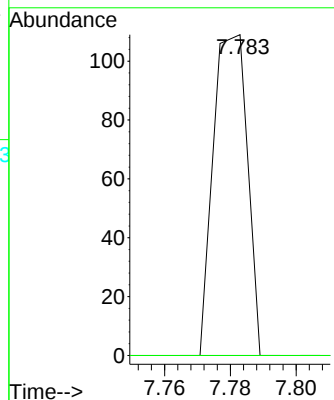


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008797.D
Acq: 18 May 2022 01:20

Instrument :
MSVOA_Y
ClientSampleId :

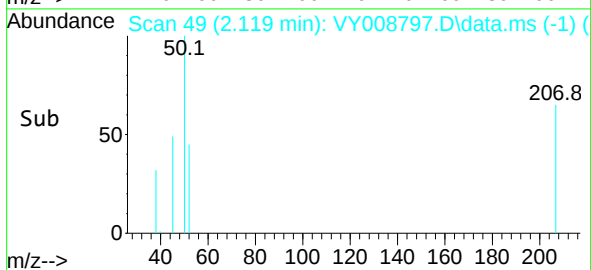
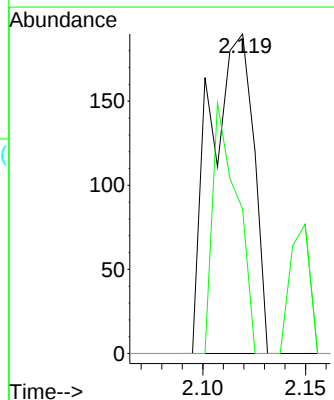
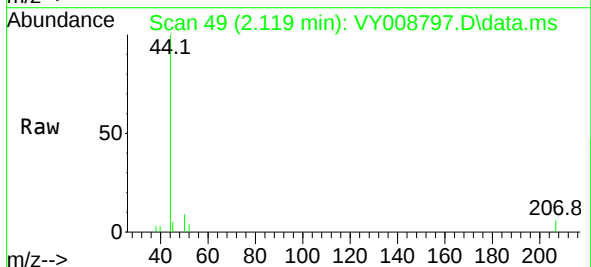


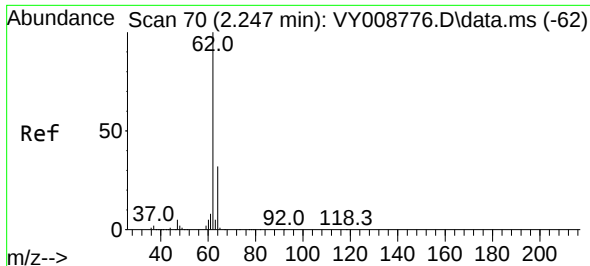
Tgt Ion:168 Resp: 79
Ion Ratio Lower Upper
168 100
99 0.0 46.9 70.3#



#3
Chloromethane
Concen: 478.642 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY008797.D
Acq: 18 May 2022 01:20

Tgt Ion: 50 Resp: 280
Ion Ratio Lower Upper
50 100
52 45.3 24.6 37.0#

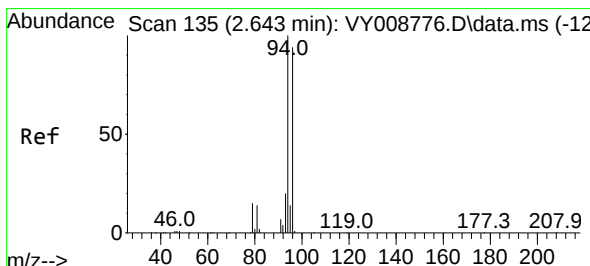
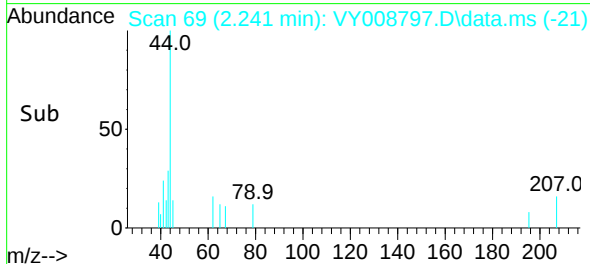
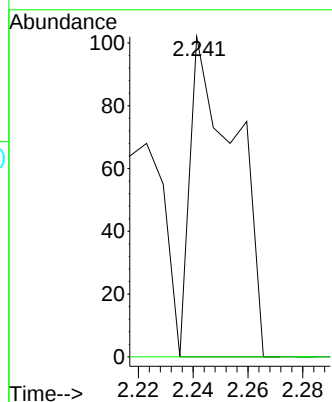
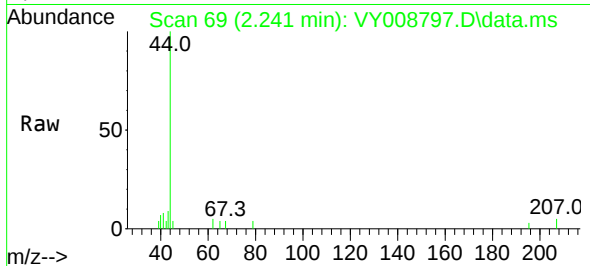




#4
 Vinyl Chloride
 Concen: 119.294 ug/l
 RT: 2.241 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY008797.D
 Acq: 18 May 2022 01:20

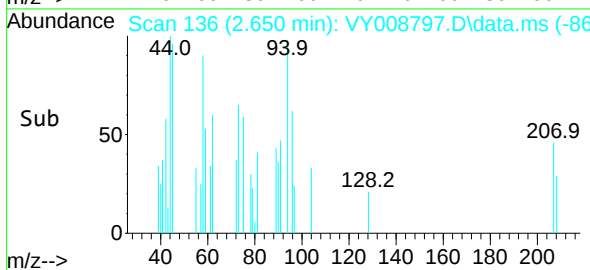
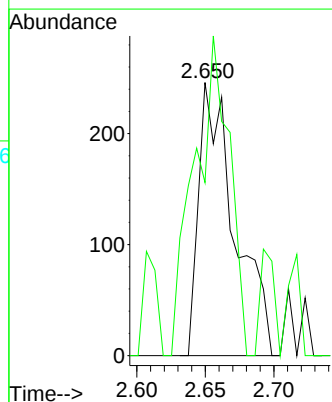
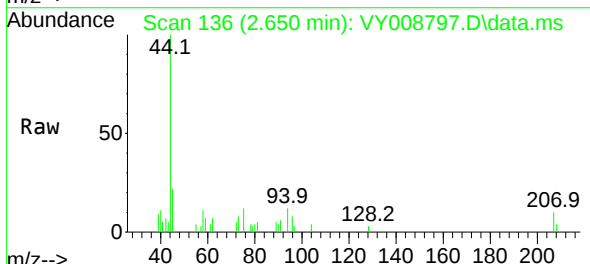
Instrument :
 MSVOA_Y
 ClientSampleId :

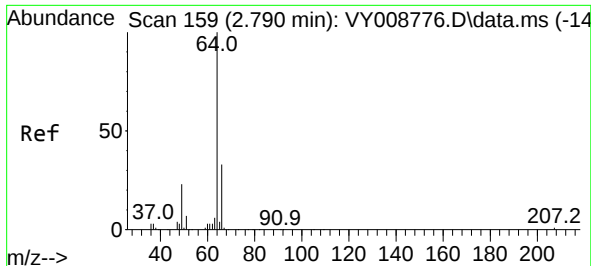
Tgt Ion: 62 Resp: 116
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.0 37.6#



#5
 Bromomethane
 Concen: 509.011 ug/l
 RT: 2.650 min Scan# 136
 Delta R.T. 0.007 min
 Lab File: VY008797.D
 Acq: 18 May 2022 01:20

Tgt Ion: 94 Resp: 447
 Ion Ratio Lower Upper
 94 100
 96 63.4 73.5 110.3#

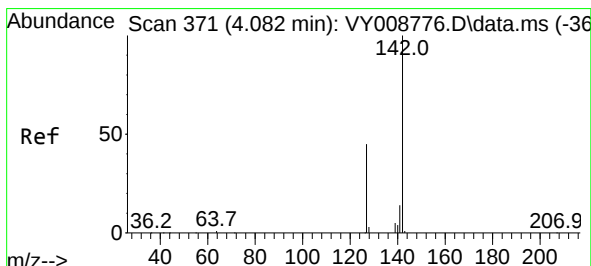
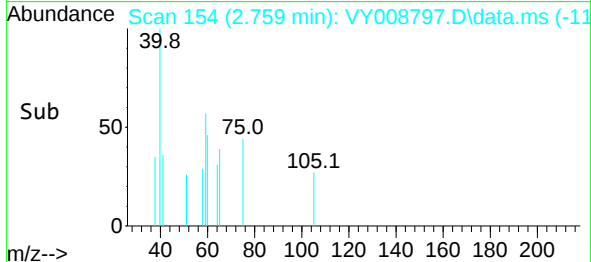
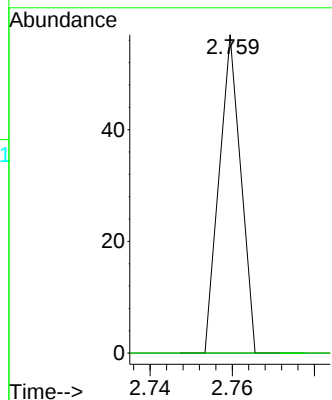
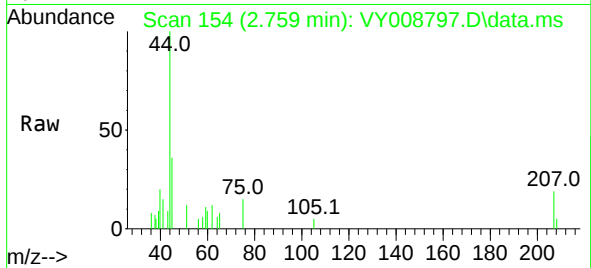




#6
Chloroethane
Concen: 21.989 ug/l
RT: 2.759 min Scan# 11
Delta R.T. -0.031 min
Lab File: VY008797.D
Acq: 18 May 2022 01:20

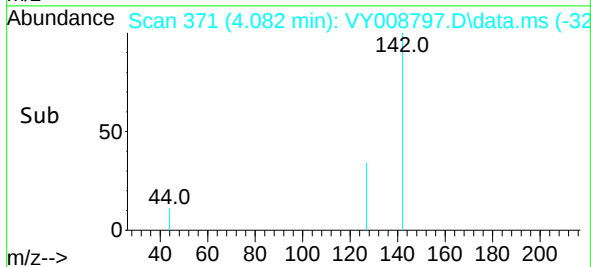
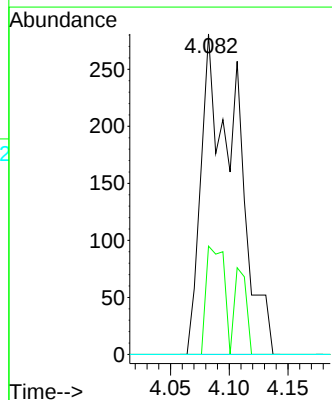
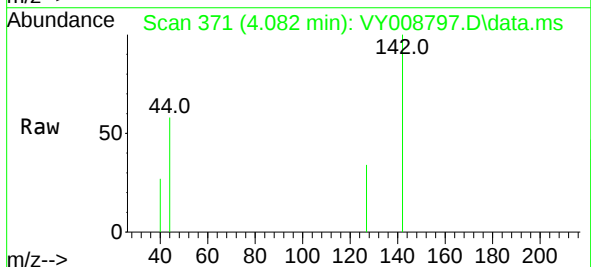
Instrument :
MSVOA_Y
ClientSampleId :

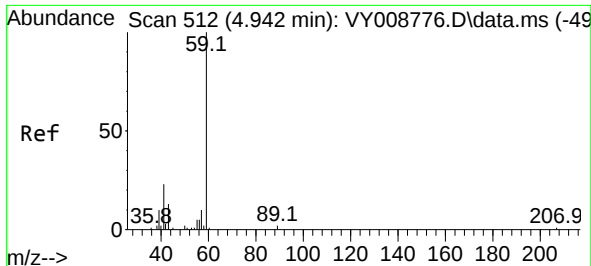
Tgt Ion: 64 Resp: 21
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 713.536 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY008797.D
Acq: 18 May 2022 01:20

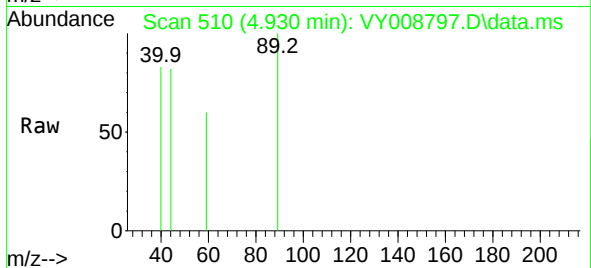
Tgt Ion:142 Resp: 584
Ion Ratio Lower Upper
142 100
127 17.1 41.5 62.3#
141 0.0 11.9 17.9#



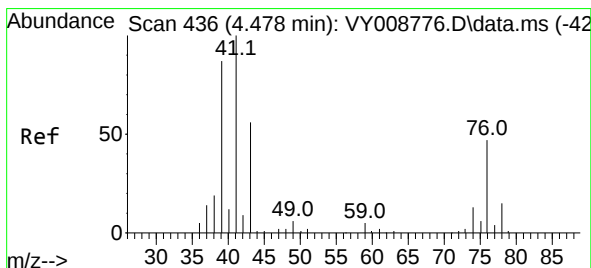
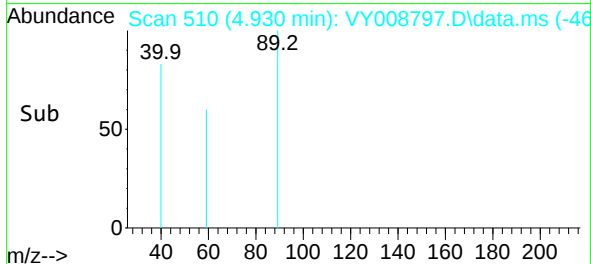
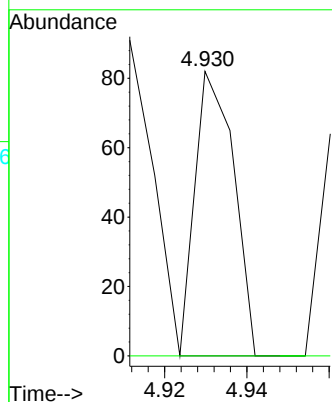


#11
Tert butyl alcohol
Concen: 666.674 ug/l
RT: 4.930 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY008797.D
Acq: 18 May 2022 01:20

Instrument :
MSVOA_Y
ClientSampleId :

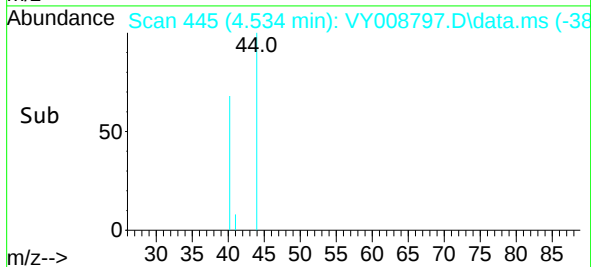
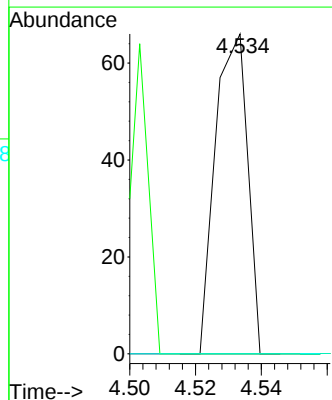
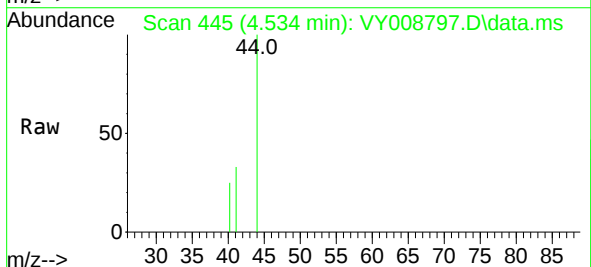


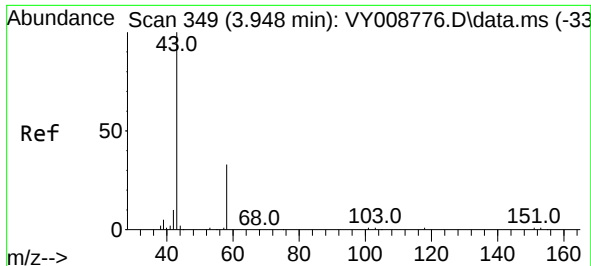
Tgt Ion: 59 Resp: 54
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#14
Allyl chloride
Concen: 45.638 ug/l
RT: 4.534 min Scan# 445
Delta R.T. 0.055 min
Lab File: VY008797.D
Acq: 18 May 2022 01:20

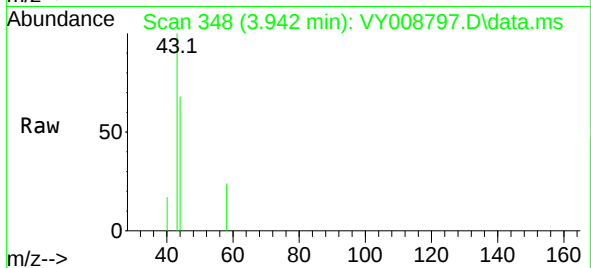
Tgt Ion: 41 Resp: 45
Ion Ratio Lower Upper
41 100
39 0.0 58.8 88.2#
76 0.0 25.1 37.7#



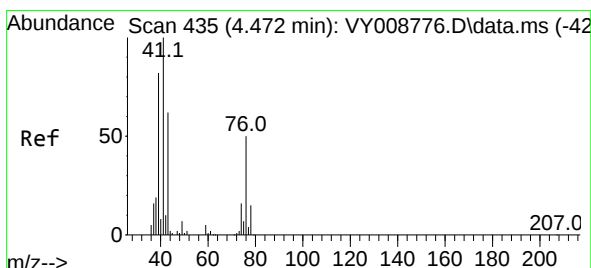
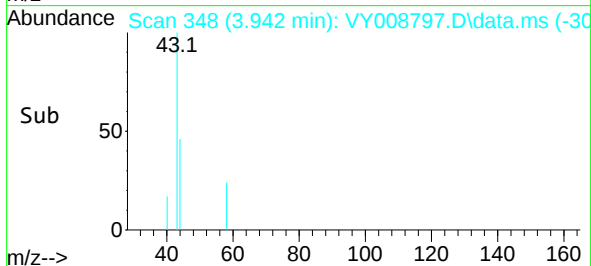
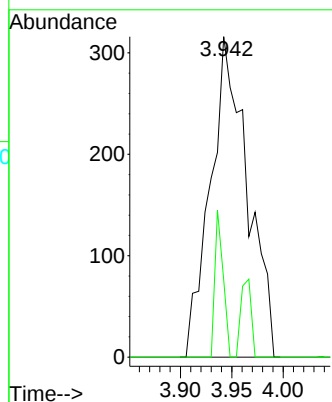


#16
Acetone
Concen: 5389.420 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY008797.D
Acq: 18 May 2022 01:20

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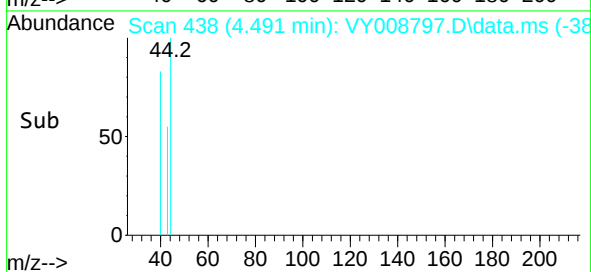
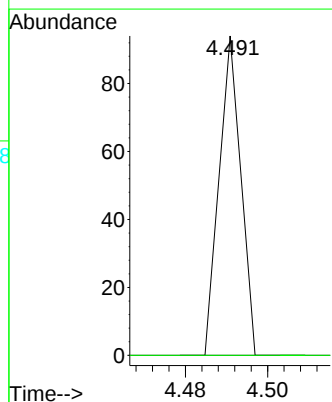
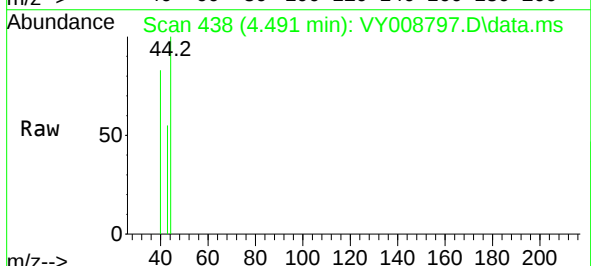


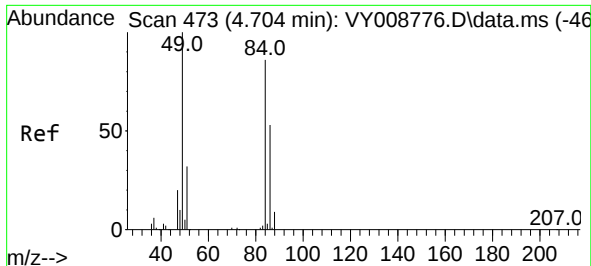
Tgt Ion: 43 Resp: 791
Ion Ratio Lower Upper
43 100
58 24.1 22.0 33.0



#18
Methyl Acetate
Concen: 66.897 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.019 min
Lab File: VY008797.D
Acq: 18 May 2022 01:20

Tgt Ion: 43 Resp: 34
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





#20

Methylene Chloride

Concen: 7894.798 ug/l

RT: 4.704 min Scan# 41

Delta R.T. 0.000 min

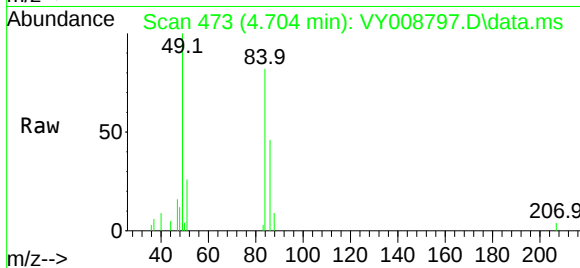
Lab File: VY008797.D

Acq: 18 May 2022 01:20

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 5188

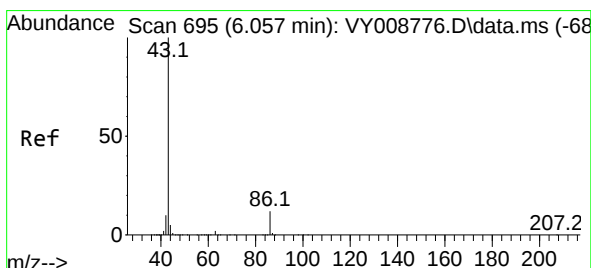
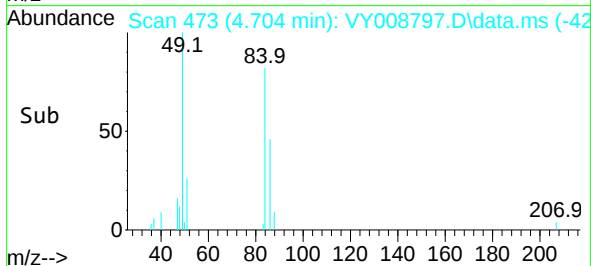
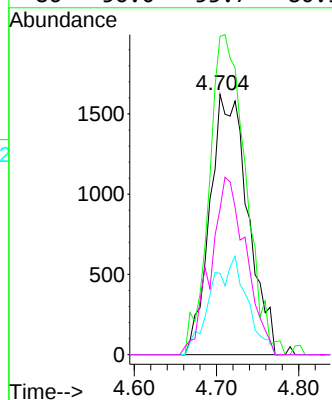
Ion Ratio Lower Upper

84 100

49 122.4 114.4 171.6

51 31.2 35.3 52.9#

86 56.0 53.7 80.5



#23

Vinyl Acetate

Concen: 20.376 ug/l

RT: 6.052 min Scan# 694

Delta R.T. -0.006 min

Lab File: VY008797.D

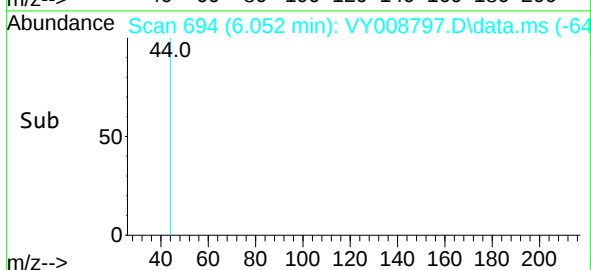
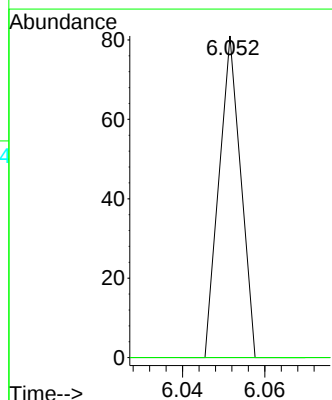
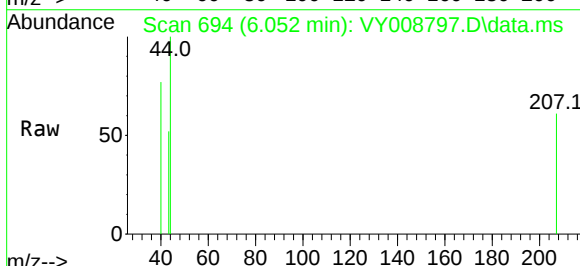
Acq: 18 May 2022 01:20

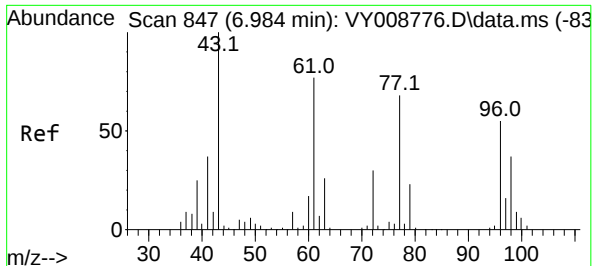
Tgt Ion: 43 Resp: 30

Ion Ratio Lower Upper

43 100

86 0.0 7.1 10.7#





#25

2-Butanone

Concen: 3423.679 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY008797.D

Acq: 18 May 2022 01:20

Instrument :

MSVOA_Y

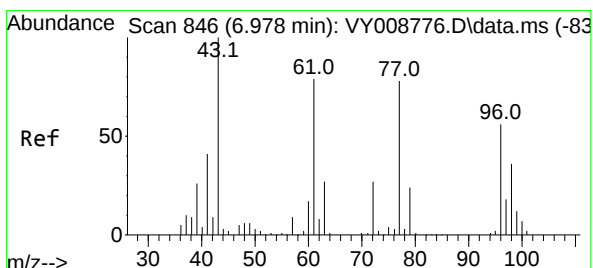
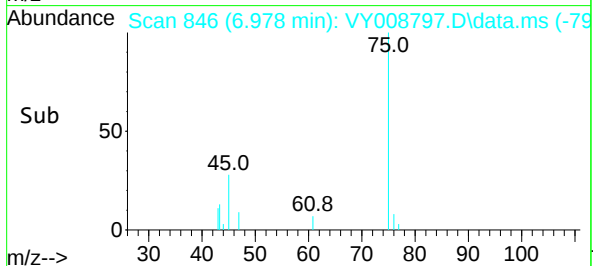
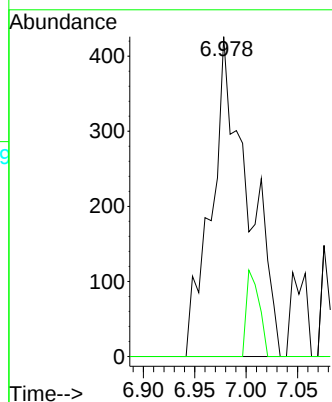
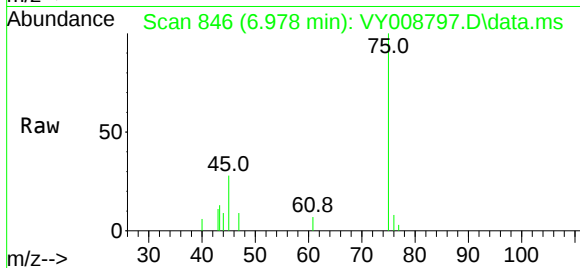
ClientSampleId :

Tgt Ion: 43 Resp: 1053

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 134.403 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY008797.D

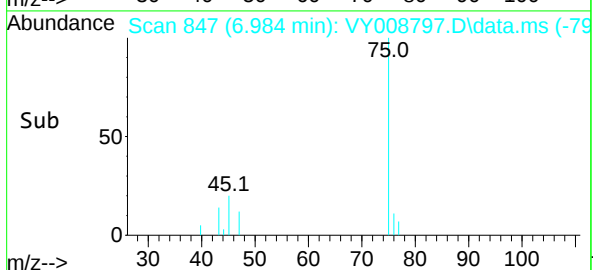
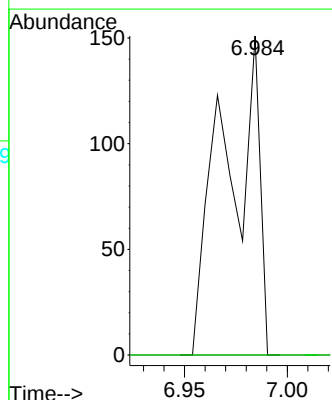
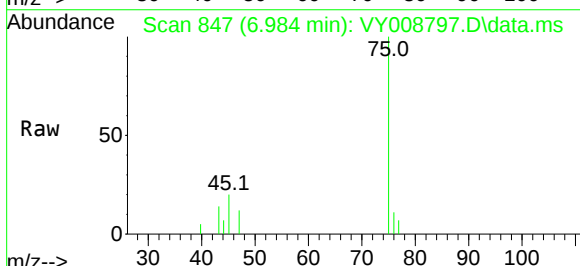
Acq: 18 May 2022 01:20

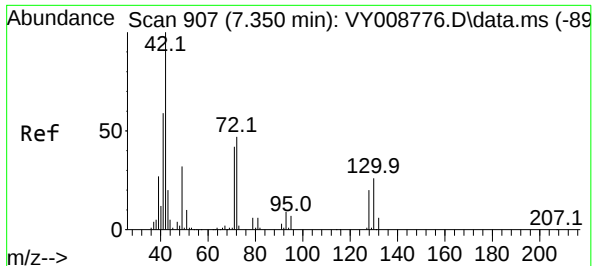
Tgt Ion: 77 Resp: 177

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#





#29

Tetrahydrofuran

Concen: 478.316 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

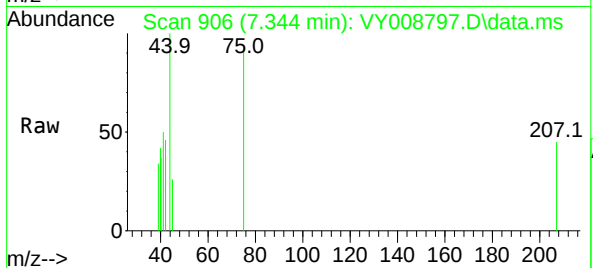
Lab File: VY008797.D

Acq: 18 May 2022 01:20

Instrument :

MSVOA_Y

ClientSampleId :



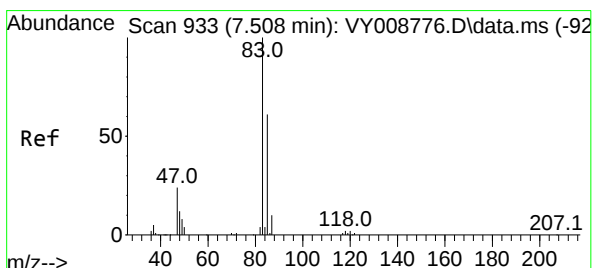
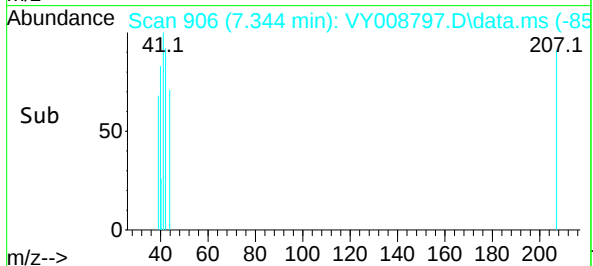
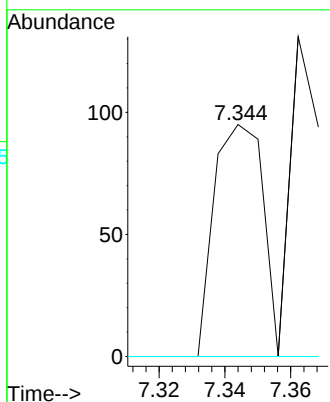
Tgt Ion: 42 Resp: 98

Ion Ratio Lower Upper

42 100

72 0.0 30.3 45.5#

71 0.0 29.0 43.4#



#30

Chloroform

Concen: 17.502 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY008797.D

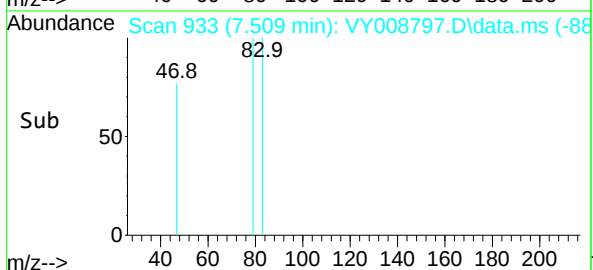
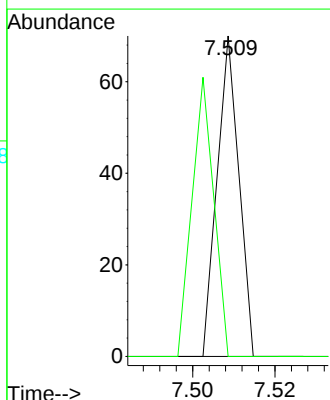
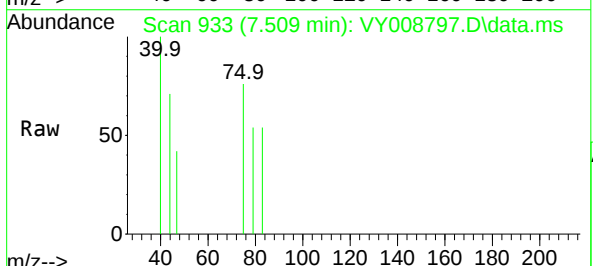
Acq: 18 May 2022 01:20

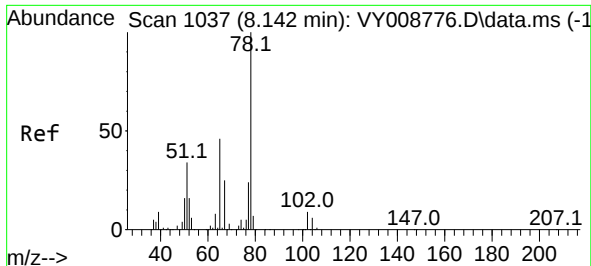
Tgt Ion: 83 Resp: 26

Ion Ratio Lower Upper

83 100

85 0.0 51.8 77.6#

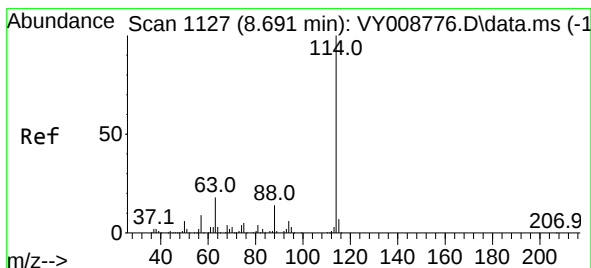
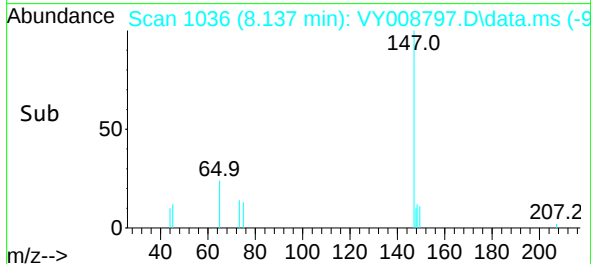
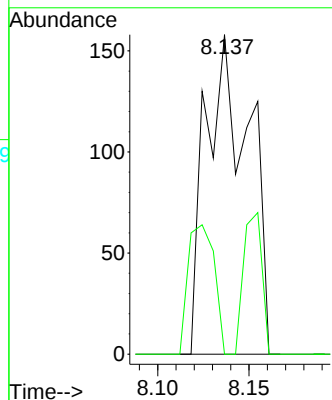
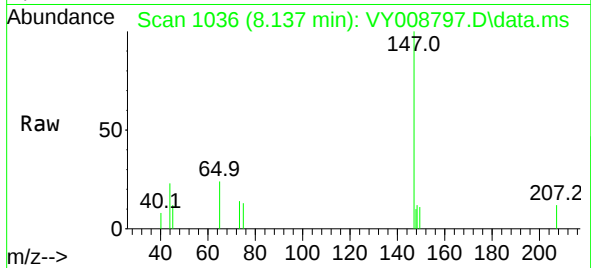




#33
 1,2-Dichloroethane-d4
 Concen: 354.761 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY008797.D
 Acq: 18 May 2022 01:20

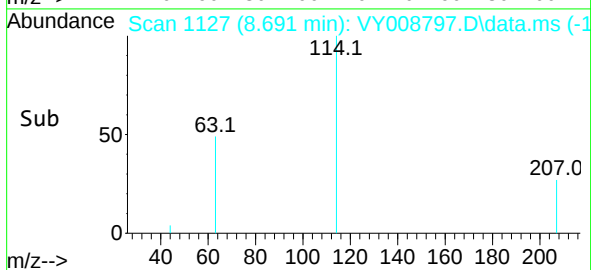
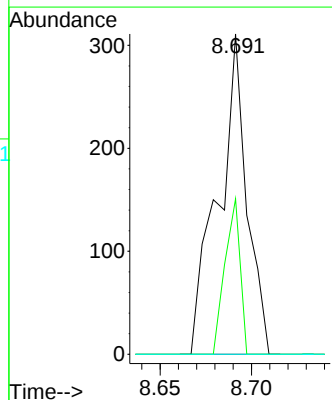
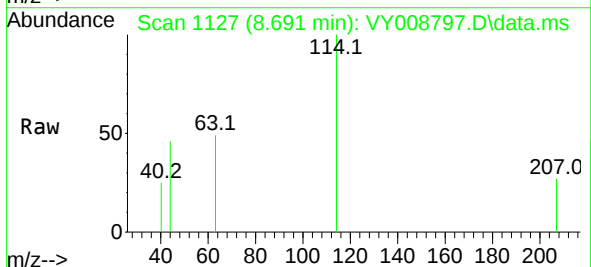
Instrument :
 MSVOA_Y
 ClientSampleId :

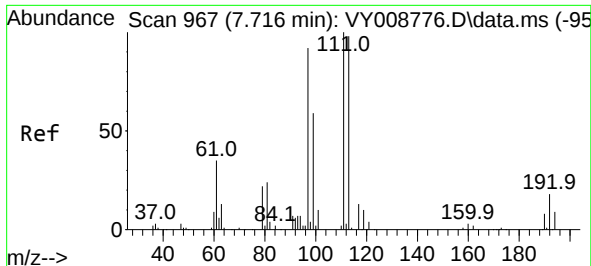
Tgt Ion: 65 Resp: 260
 Ion Ratio Lower Upper
 65 100
 67 24.6 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY008797.D
 Acq: 18 May 2022 01:20

Tgt Ion: 114 Resp: 339
 Ion Ratio Lower Upper
 114 100
 63 48.6 0.0 43.2#
 88 0.0 0.0 31.8

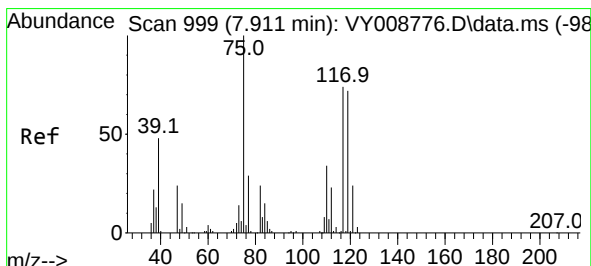
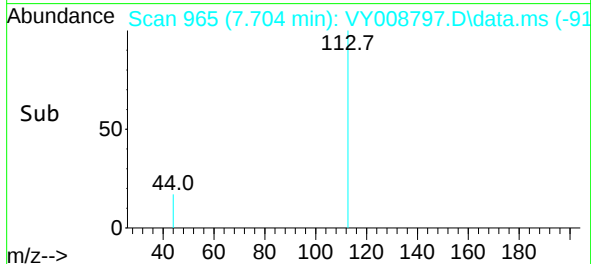
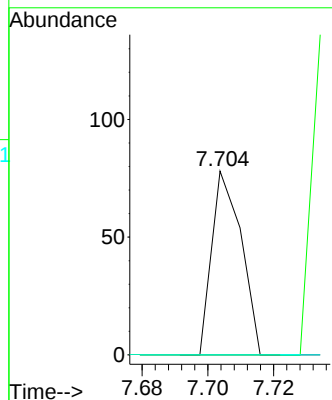
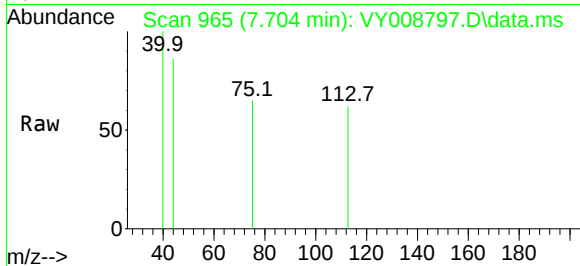




#35
Dibromofluoromethane
Concen: 24.234 ug/l
RT: 7.704 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY008797.D
Acq: 18 May 2022 01:20

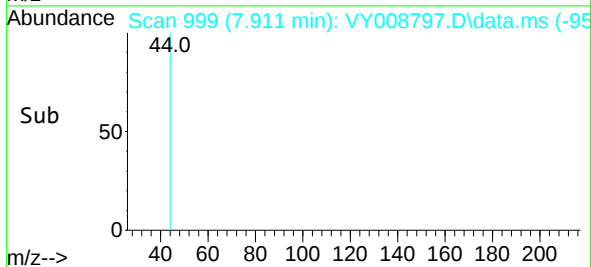
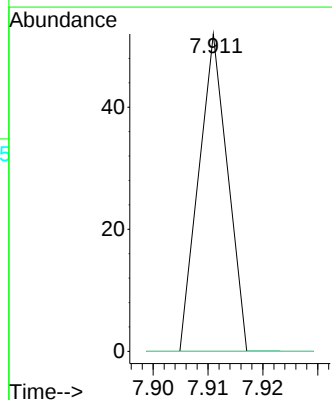
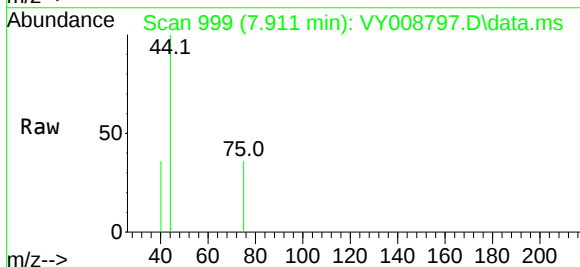
Instrument :
MSVOA_Y
ClientSampleId :

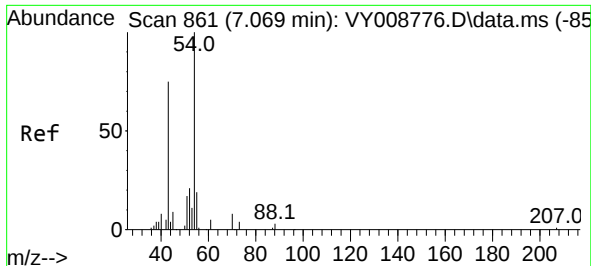
Tgt Ion:113 Resp: 48
Ion Ratio Lower Upper
113 100
111 0.0 82.6 124.0#
192 0.0 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 5.989 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY008797.D
Acq: 18 May 2022 01:20

Tgt Ion: 75 Resp: 19
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 40.731 ug/l

RT: 7.076 min Scan# 8

Delta R.T. 0.006 min

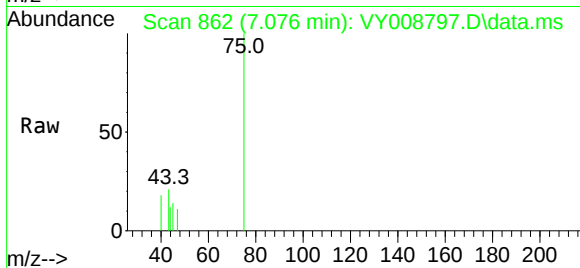
Lab File: VY008797.D

Acq: 18 May 2022 01:20

Instrument :

MSVOA_Y

ClientSampleId :



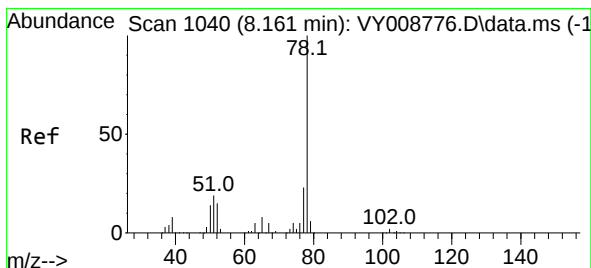
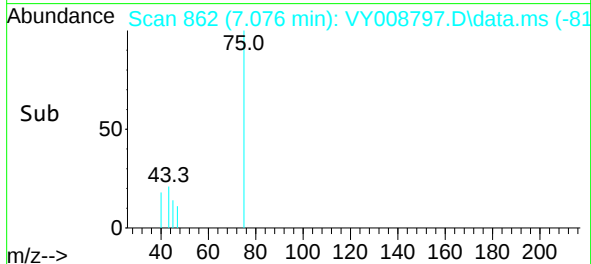
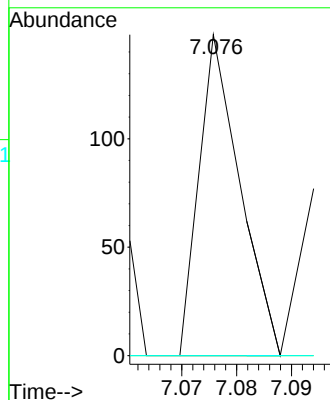
Tgt Ion: 43 Resp: 77

Ion Ratio Lower Upper

43 100

61 0.0 9.7 14.5#

70 0.0 7.1 10.7#



#40

Benzene

Concen: 18.926 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY008797.D

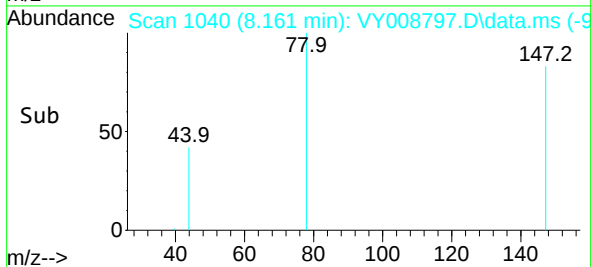
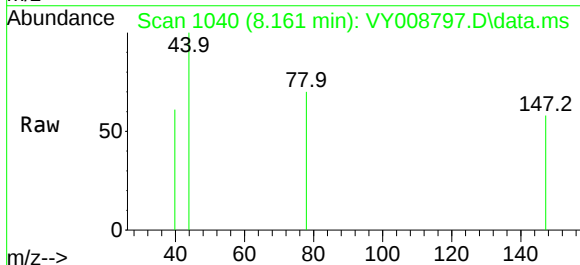
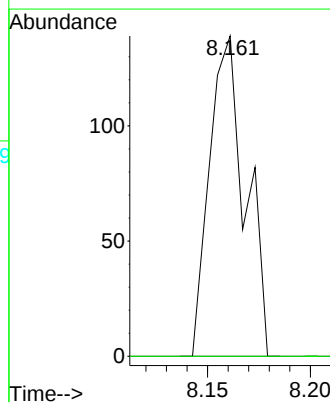
Acq: 18 May 2022 01:20

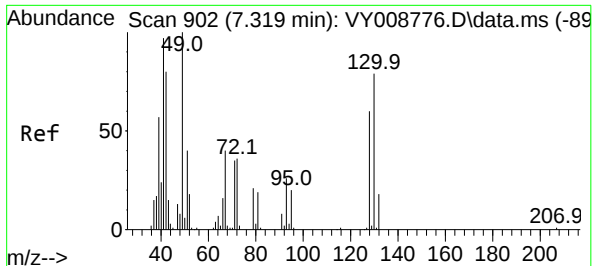
Tgt Ion: 78 Resp: 168

Ion Ratio Lower Upper

78 100

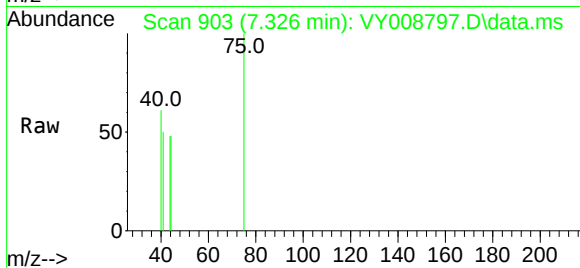
77 0.0 20.4 30.6#



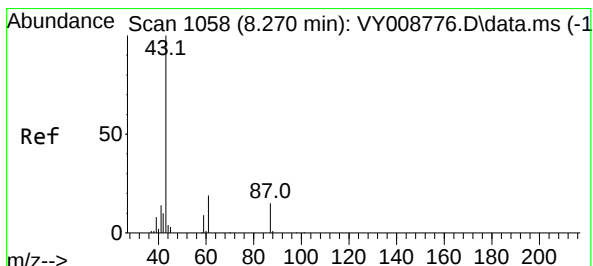
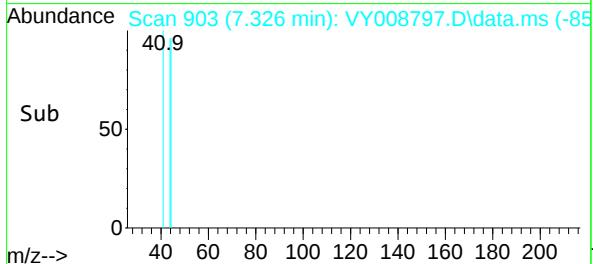
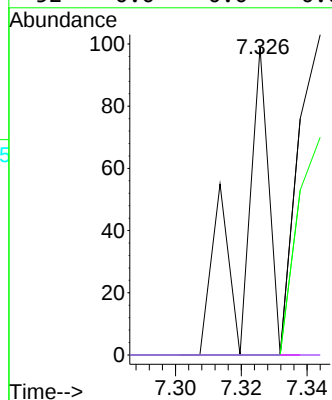


#41
Methacrylonitrile
Concen: 56.328 ug/l
RT: 7.326 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY008797.D
Acq: 18 May 2022 01:20

Instrument :
MSVOA_Y
ClientSampleId :

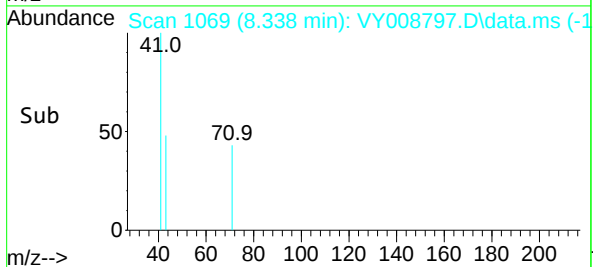
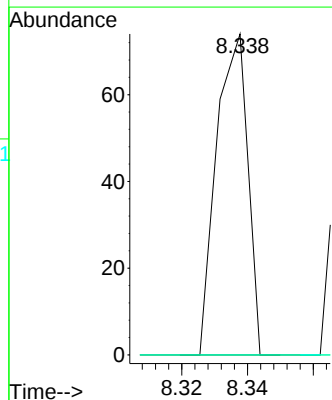
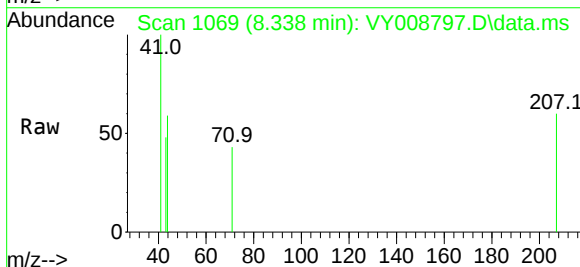


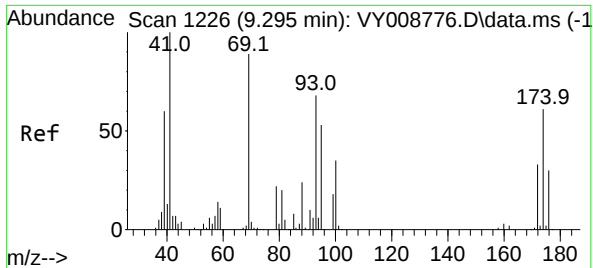
Tgt Ion: 41 Resp: 56
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#43
Isopropyl Acetate
Concen: 15.570 ug/l
RT: 8.338 min Scan# 1069
Delta R.T. 0.067 min
Lab File: VY008797.D
Acq: 18 May 2022 01:20

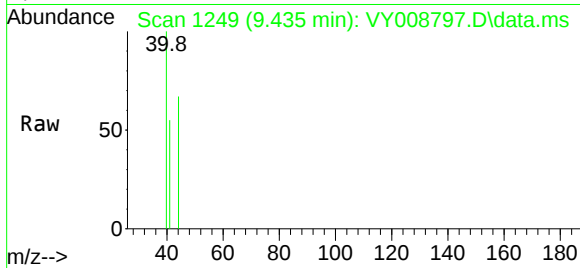
Tgt Ion: 43 Resp: 49
Ion Ratio Lower Upper
43 100
61 0.0 20.2 30.2#
87 0.0 8.9 13.3#



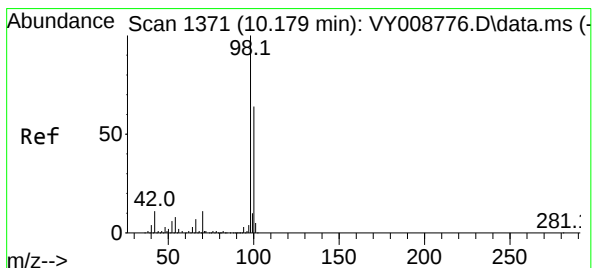
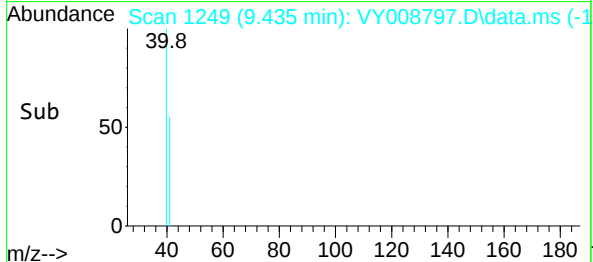
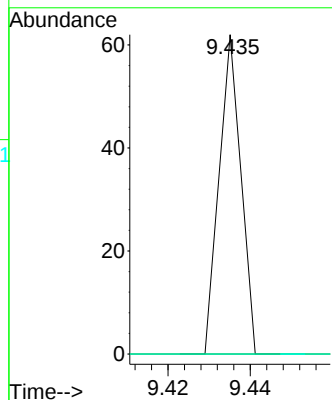


#48
Methyl methacrylate
Concen: 16.644 ug/l
RT: 9.435 min Scan# 11
Delta R.T. 0.140 min
Lab File: VY008797.D
Acq: 18 May 2022 01:20

Instrument :
MSVOA_Y
ClientSampleId :

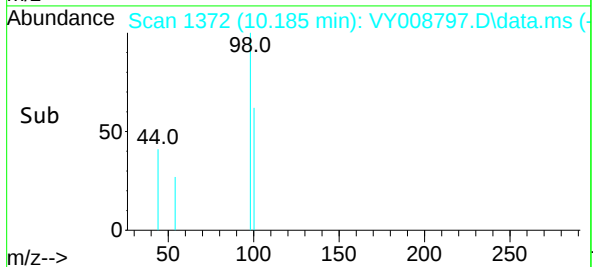
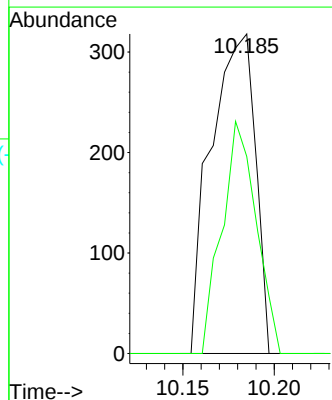
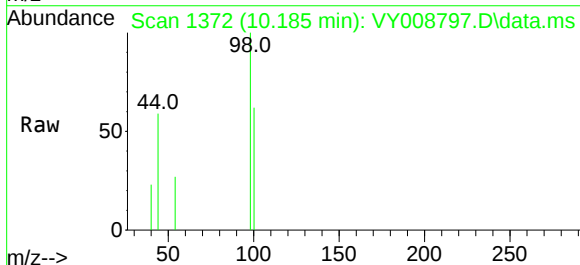


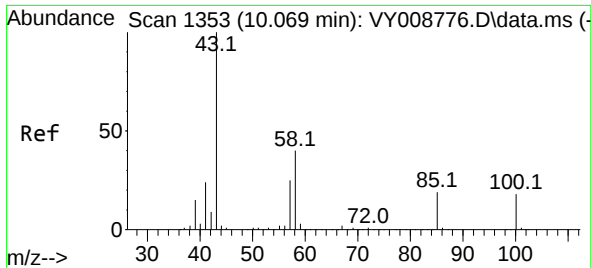
Tgt Ion: 41 Resp: 23
Ion Ratio Lower Upper
41 100
69 0.0 58.2 87.2#
39 0.0 47.4 71.0#



#50
Toluene-d8
Concen: 60.403 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY008797.D
Acq: 18 May 2022 01:20

Tgt Ion: 98 Resp: 538
Ion Ratio Lower Upper
98 100
100 56.3 50.2 75.2

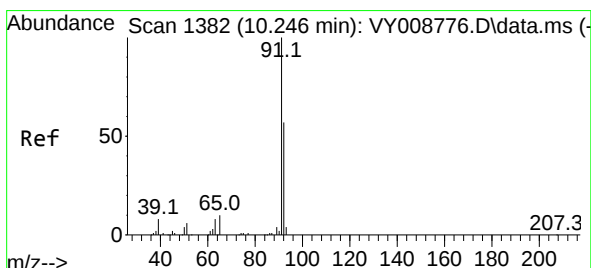
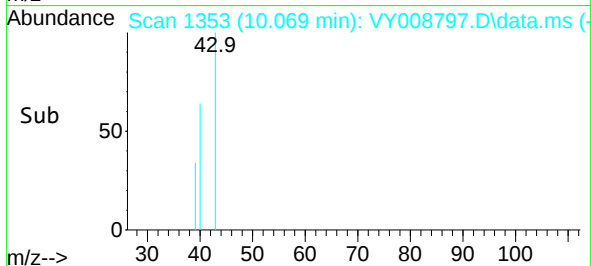
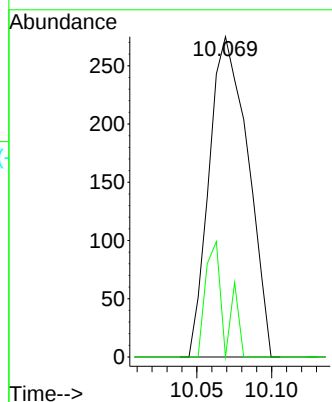
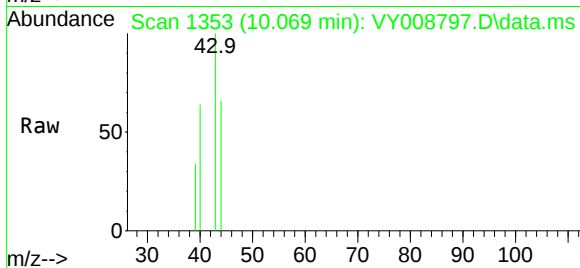




#51
4-Methyl-2-Pentanone
Concen: 266.975 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008797.D
Acq: 18 May 2022 01:20

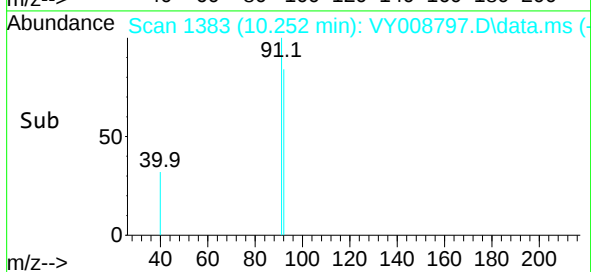
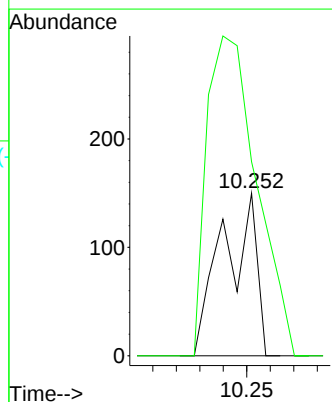
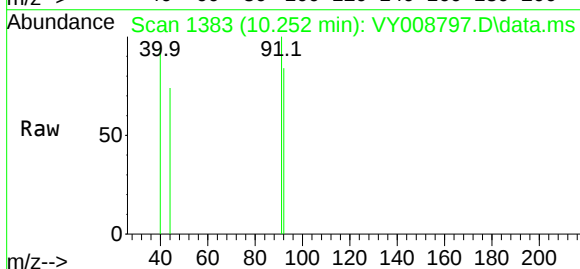
Instrument :
MSVOA_Y
ClientSampleId :

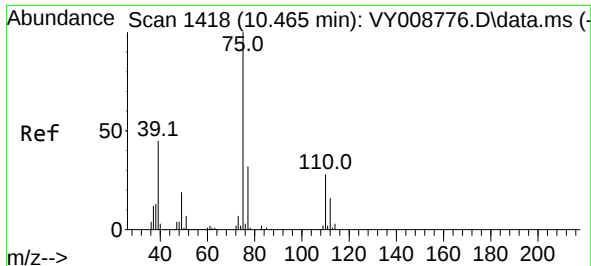
Tgt Ion: 43 Resp: 496
Ion Ratio Lower Upper
43 100
58 17.9 28.1 42.1#



#52
Toluene
Concen: 24.703 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY008797.D
Acq: 18 May 2022 01:20

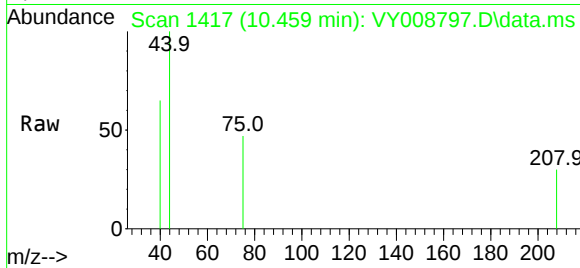
Tgt Ion: 92 Resp: 149
Ion Ratio Lower Upper
92 100
91 291.9 142.6 213.8#



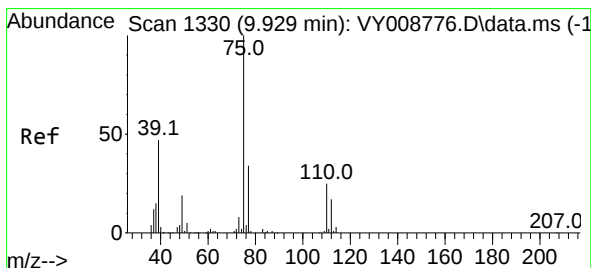
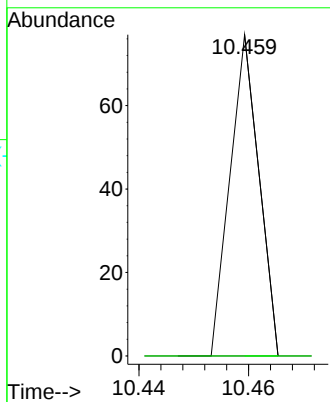
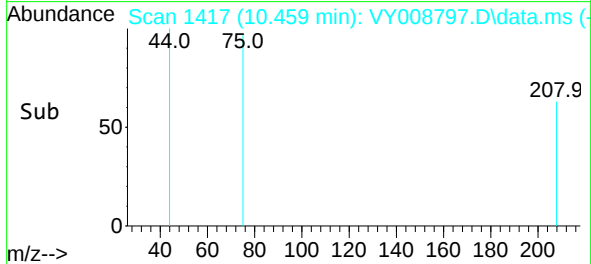


#53
t-1,3-Dichloropropene
Concen: 8.772 ug/l
RT: 10.459 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY008797.D
Acq: 18 May 2022 01:20

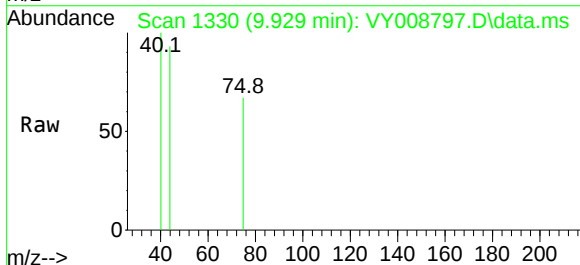
Instrument :
MSVOA_Y
ClientSampleId :



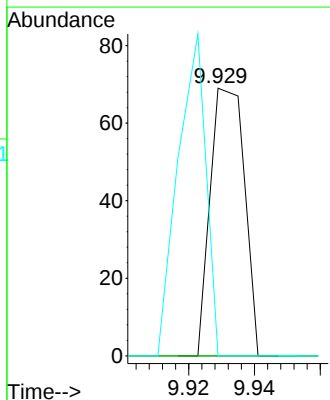
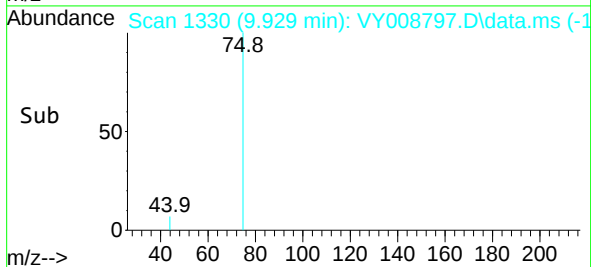
Tgt Ion: 75 Resp: 28
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.2#

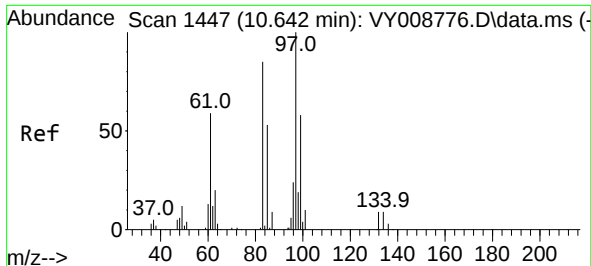


#54
cis-1,3-Dichloropropene
Concen: 14.526 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY008797.D
Acq: 18 May 2022 01:20



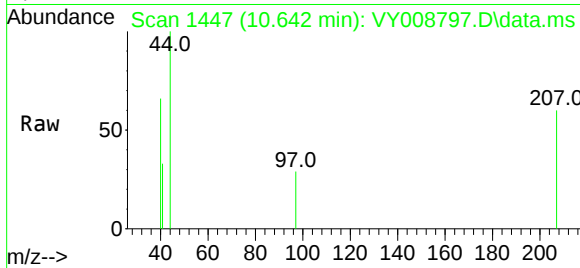
Tgt Ion: 75 Resp: 50
Ion Ratio Lower Upper
75 100
77 0.0 25.6 38.4#
39 0.0 47.6 71.4#



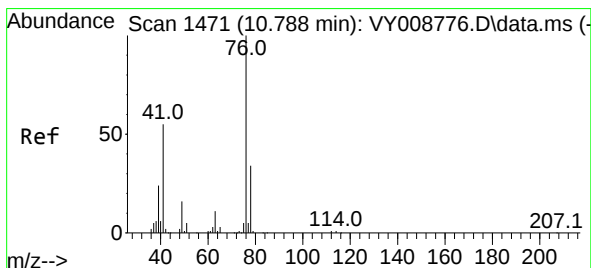
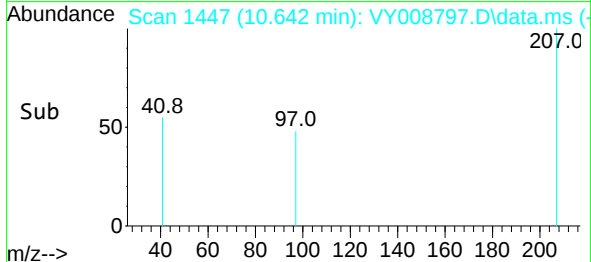
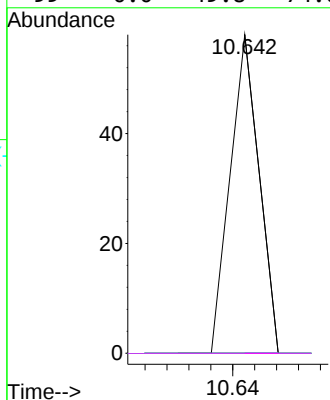


#55
 1,1,2-Trichloroethane
 Concen: 11.140 ug/l
 RT: 10.642 min Scan# 1447
 Delta R.T. 0.000 min
 Lab File: VY008797.D
 Acq: 18 May 2022 01:20

Instrument :
 MSVOA_Y
 ClientSampleId :

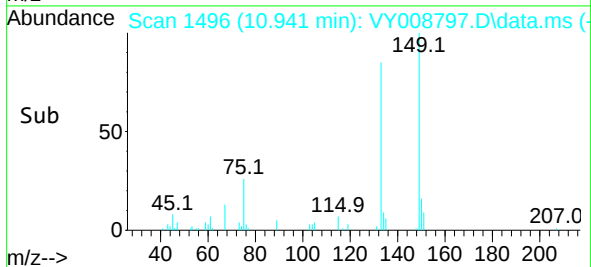
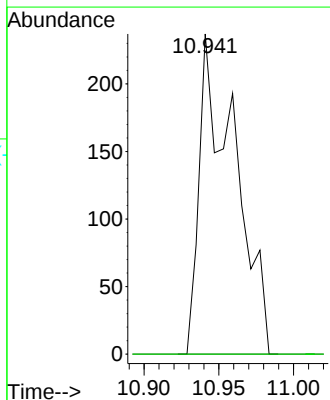
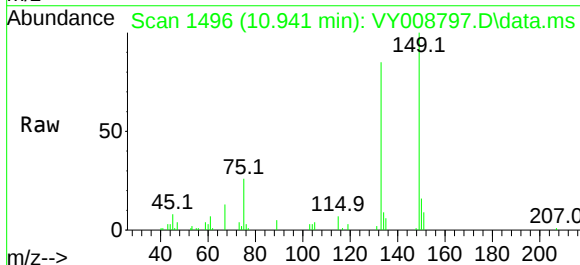


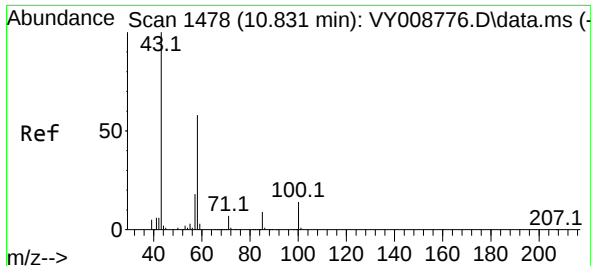
Tgt Ion: 97 Resp: 21
 Ion Ratio Lower Upper
 97 100
 83 0.0 69.8 104.8#
 85 0.0 44.3 66.5#
 99 0.0 49.8 74.6#



#57
 1,3-Dichloropropane
 Concen: 125.179 ug/l
 RT: 10.941 min Scan# 1496
 Delta R.T. 0.153 min
 Lab File: VY008797.D
 Acq: 18 May 2022 01:20

Tgt Ion: 76 Resp: 388
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.0 37.6#





#59

2-Hexanone

Concen: 84.372 ug/l

RT: 10.721 min Scan# 14

Delta R.T. -0.110 min

Lab File: VY008797.D

Acq: 18 May 2022 01:20

Instrument :

MSVOA_Y

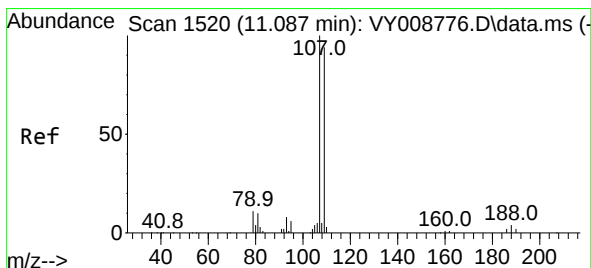
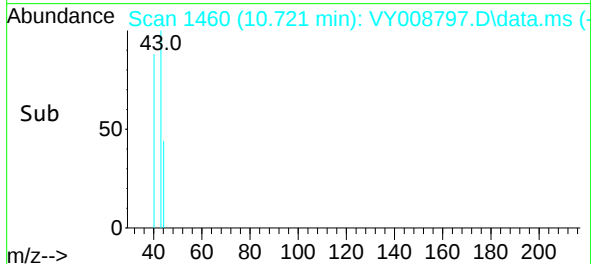
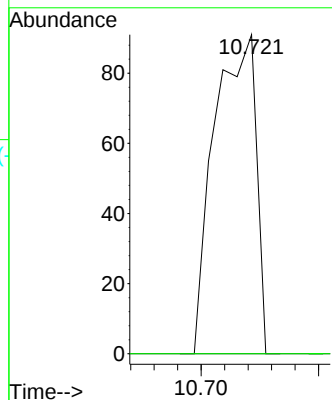
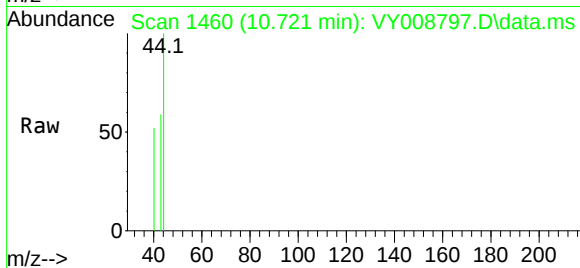
ClientSampleId :

Tgt Ion: 43 Resp: 112

Ion Ratio Lower Upper

43 100

58 0.0 24.4 73.4#



#61

1,2-Dibromoethane

Concen: 26.598 ug/l

RT: 10.947 min Scan# 1497

Delta R.T. -0.140 min

Lab File: VY008797.D

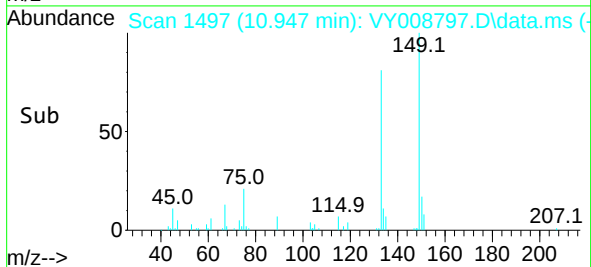
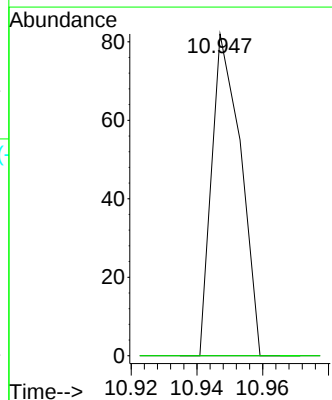
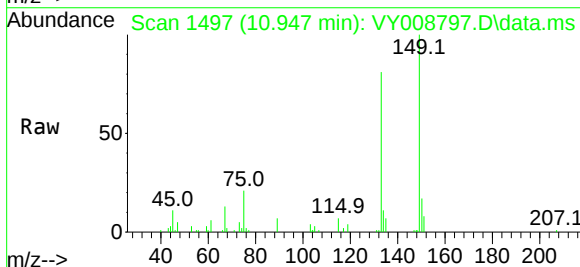
Acq: 18 May 2022 01:20

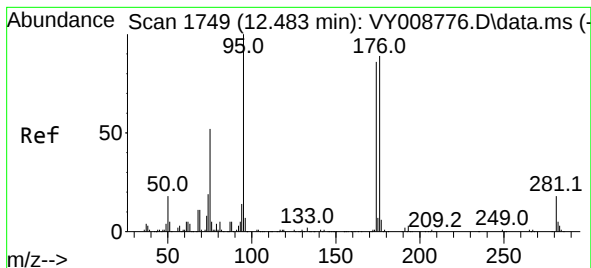
Tgt Ion: 107 Resp: 50

Ion Ratio Lower Upper

107 100

109 0.0 75.4 113.2#

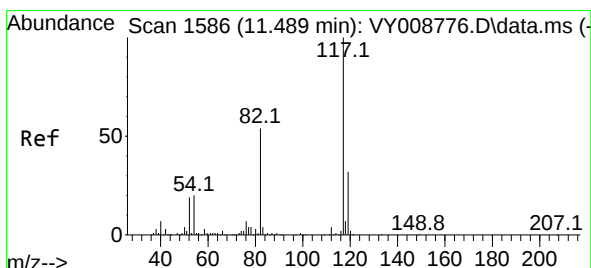
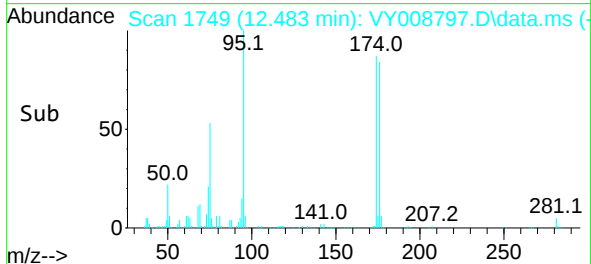
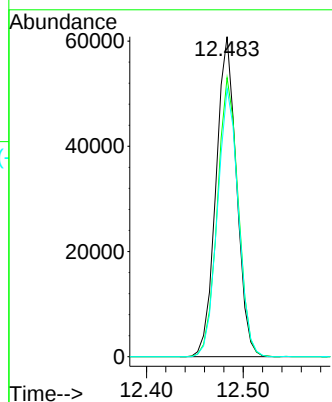
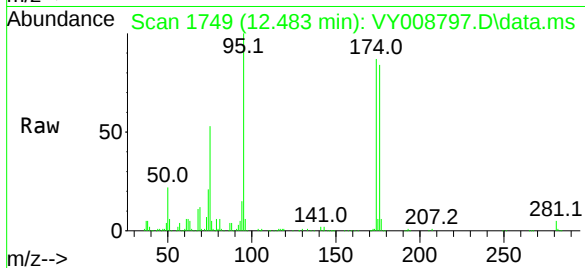




#62
4-Bromofluorobenzene
Concen: 26499.326 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008797.D
Acq: 18 May 2022 01:20

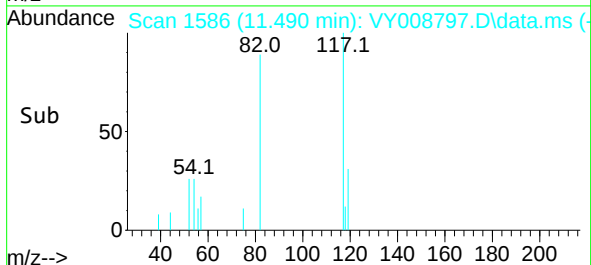
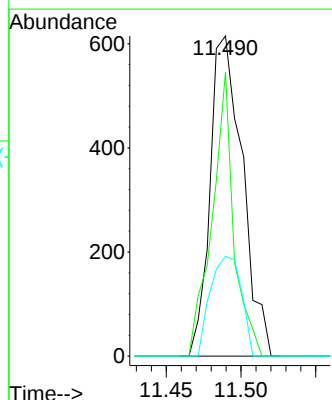
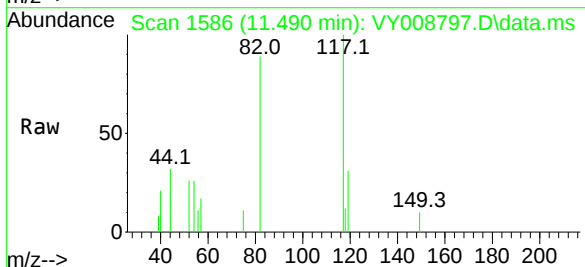
Instrument :
MSVOA_Y
ClientSampleId :

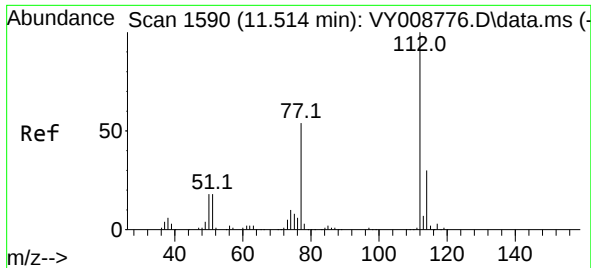
Tgt Ion: 95 Resp: 89485
Ion Ratio Lower Upper
95 100
174 88.6 0.0 177.0
176 85.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008797.D
Acq: 18 May 2022 01:20

Tgt Ion: 117 Resp: 924
Ion Ratio Lower Upper
117 100
82 88.8 43.0 64.4#
119 31.2 25.4 38.0

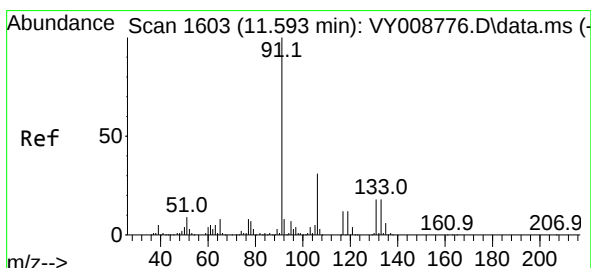
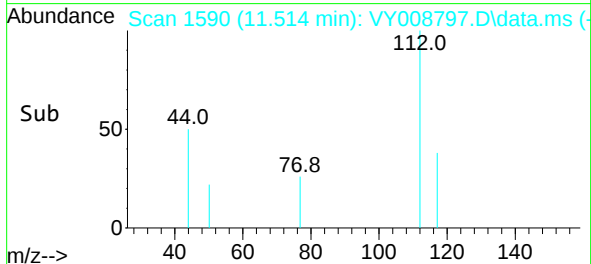
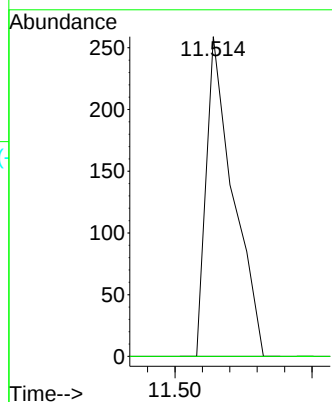
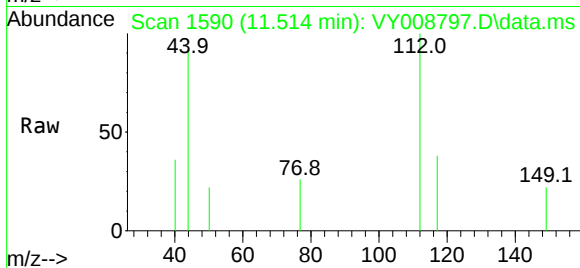




#65
Chlorobenzene
Concen: 9.465 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY008797.D
Acq: 18 May 2022 01:20

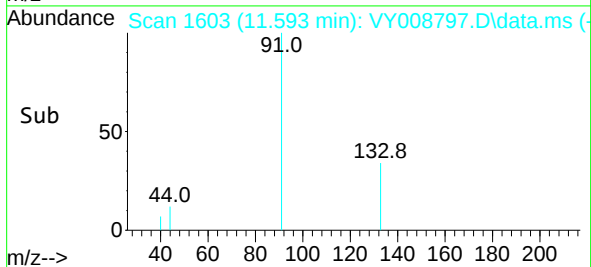
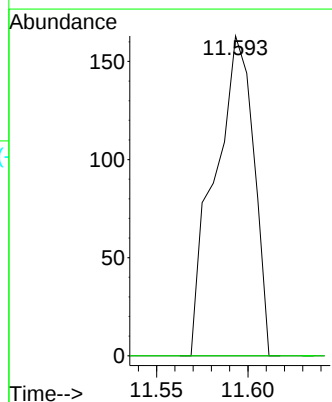
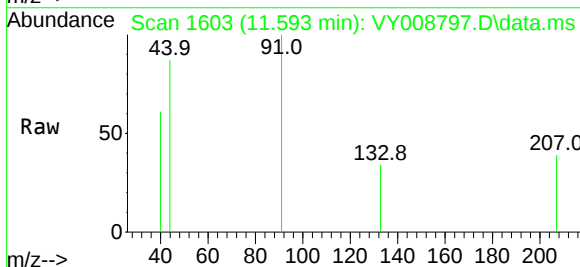
Instrument :
MSVOA_Y
ClientSampleId :

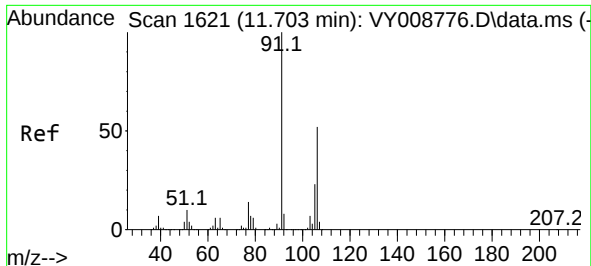
Tgt Ion:112 Resp: 177
Ion Ratio Lower Upper
112 100
114 0.0 25.8 38.6#



#67
Ethyl Benzene
Concen: 7.246 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008797.D
Acq: 18 May 2022 01:20

Tgt Ion: 91 Resp: 242
Ion Ratio Lower Upper
91 100
106 0.0 24.5 36.7#

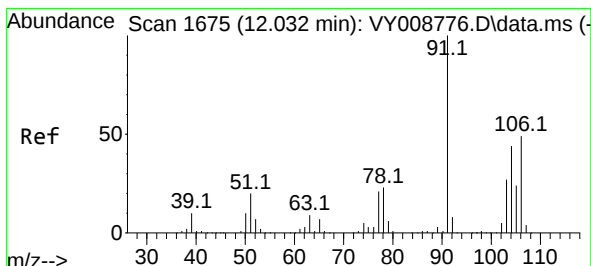
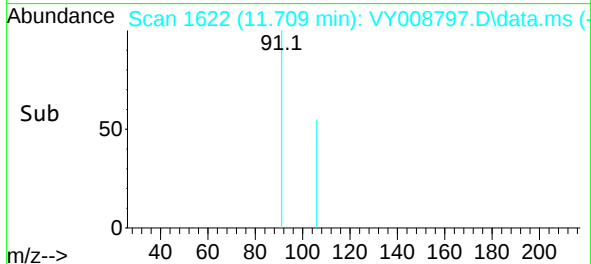
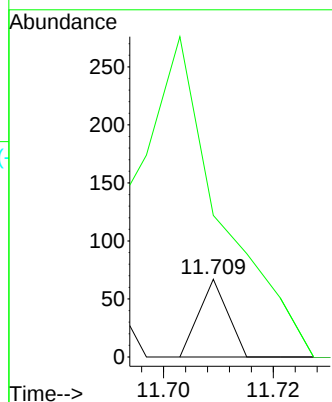
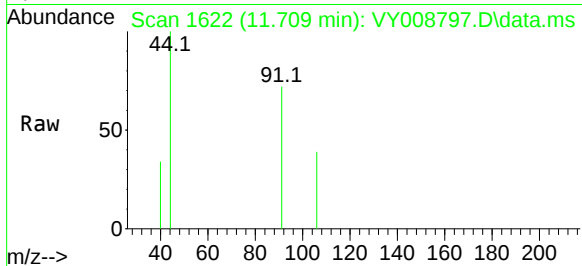




#68
m/p-Xylenes
Concen: 1.804 ug/l
RT: 11.709 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY008797.D
Acq: 18 May 2022 01:20

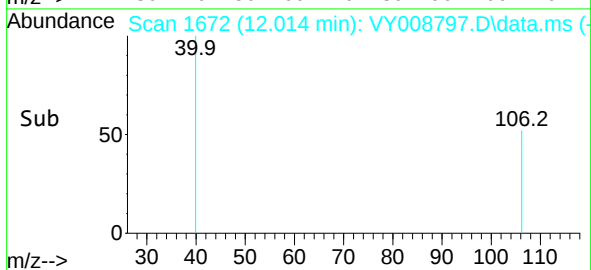
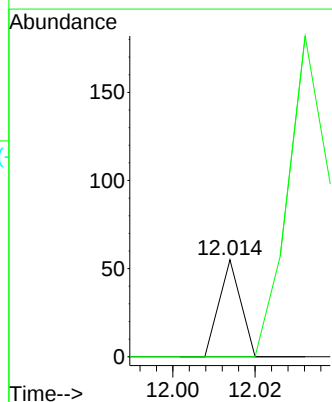
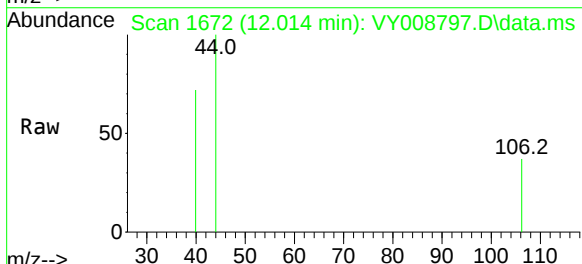
Instrument :
MSVOA_Y
ClientSampleId :

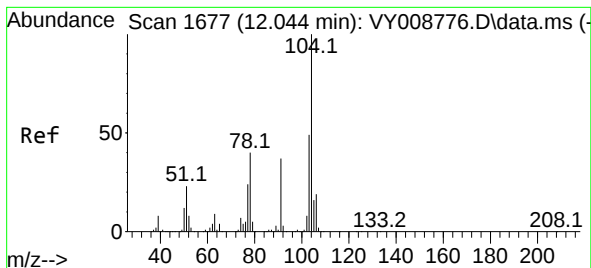
Tgt Ion:106 Resp: 24
Ion Ratio Lower Upper
106 100
91 1479.2 166.6 249.8#



#69
o-Xylene
Concen: 1.627 ug/l
RT: 12.014 min Scan# 1672
Delta R.T. -0.018 min
Lab File: VY008797.D
Acq: 18 May 2022 01:20

Tgt Ion:106 Resp: 20
Ion Ratio Lower Upper
106 100
91 615.0 110.3 331.0#





#70

Styrene

Concen: 5.046 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008797.D

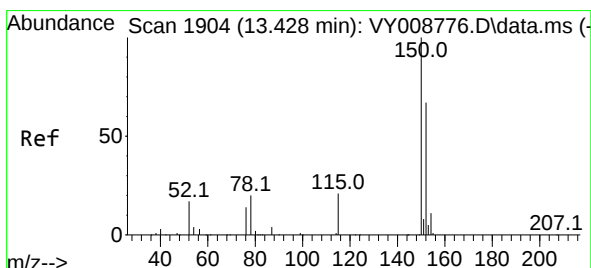
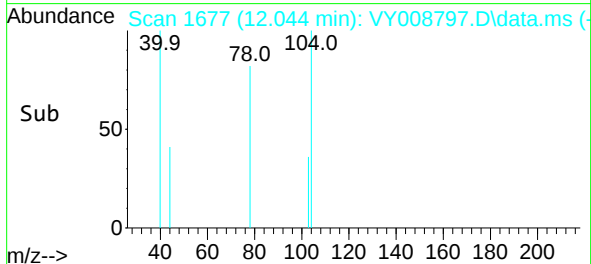
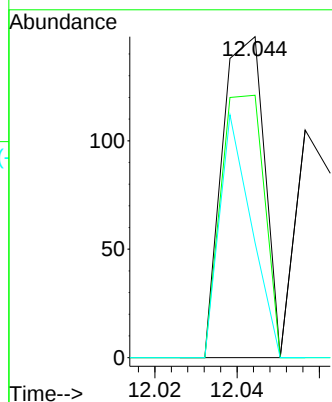
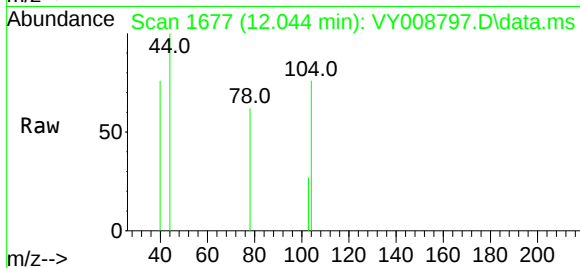
Acq: 18 May 2022 01:20

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:104	Resp:	105
Ion Ratio	Lower	Upper
104	100	
78	83.8	42.4 63.6#
103	57.1	44.4 66.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

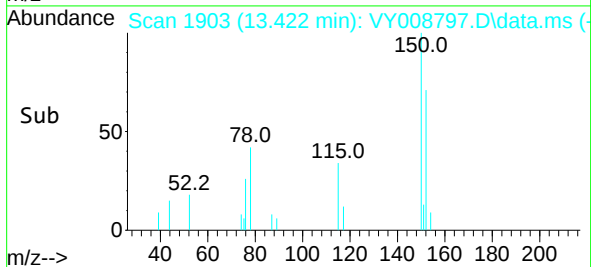
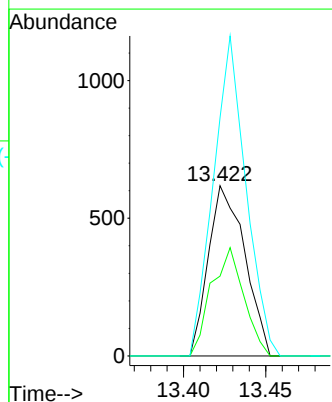
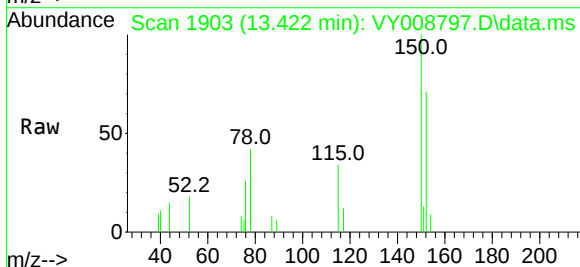
RT: 13.422 min Scan# 1903

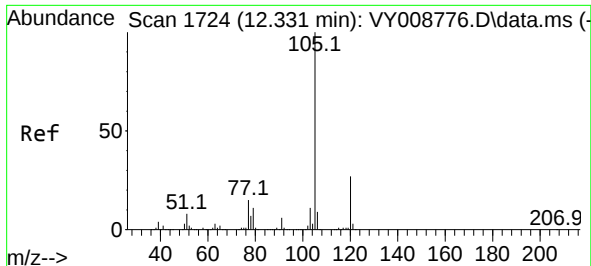
Delta R.T. -0.006 min

Lab File: VY008797.D

Acq: 18 May 2022 01:20

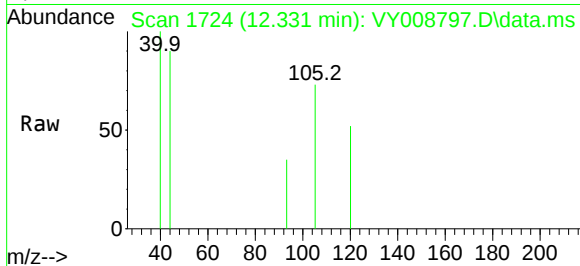
Tgt Ion:152	Resp:	951
Ion Ratio	Lower	Upper
152	100	
115	56.9	28.2 84.7
150	168.3	0.0 347.6



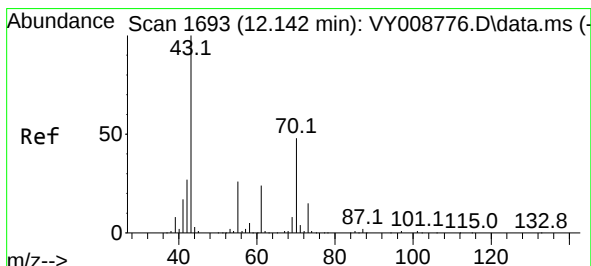
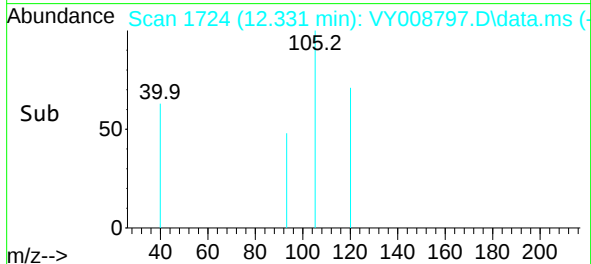
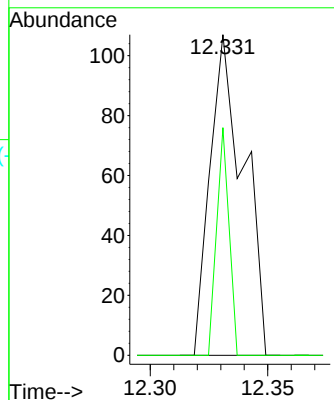


#73
Isopropylbenzene
Concen: 1.641 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY008797.D
Acq: 18 May 2022 01:20

Instrument :
MSVOA_Y
ClientSampleId :

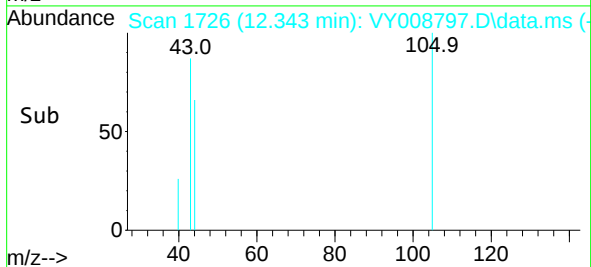
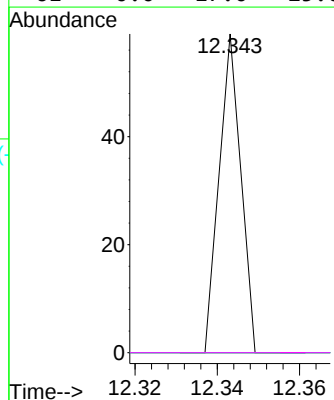
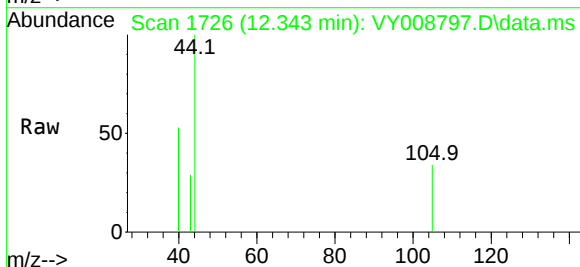


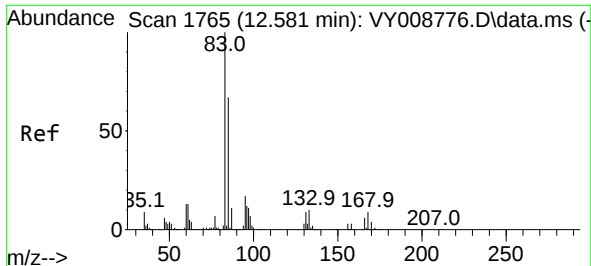
Tgt Ion:105 Resp: 107
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.2



#74
N-ethyl acetate
Concen: 1.413 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.201 min
Lab File: VY008797.D
Acq: 18 May 2022 01:20

Tgt Ion: 43 Resp: 22
Ion Ratio Lower Upper
43 100
70 0.0 28.7 43.1#
55 0.0 17.3 25.9#
61 0.0 17.0 25.6#

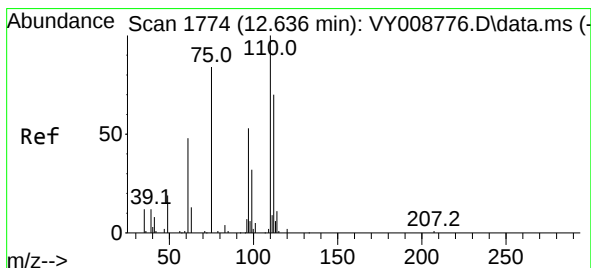
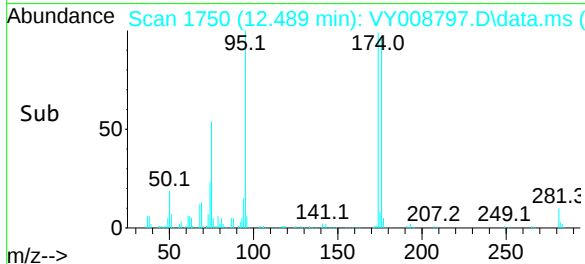
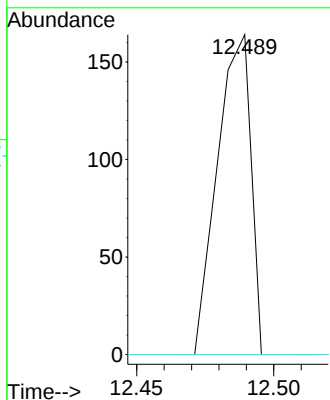
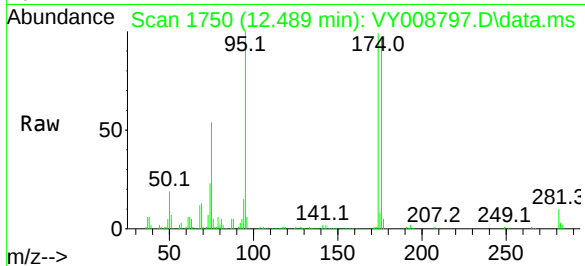




#75
 1,1,2,2-Tetrachloroethane
 Concen: 9.586 ug/l
 RT: 12.489 min Scan# 1749
 Delta R.T. -0.091 min
 Lab File: VY008797.D
 Acq: 18 May 2022 01:20

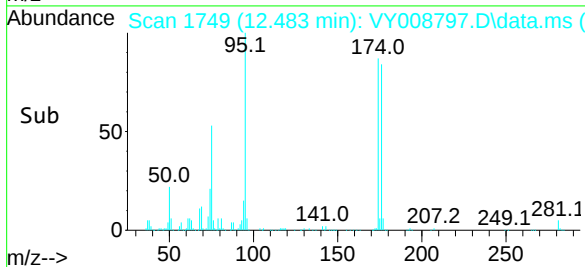
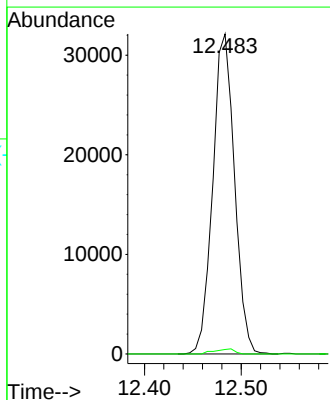
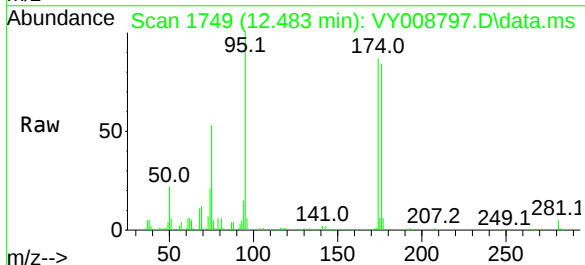
Instrument :
 MSVOA_Y
 ClientSampleId :

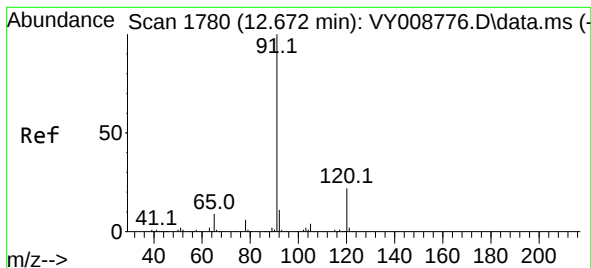
Tgt Ion: 83 Resp: 139
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.6 16.8#
 85 0.0 32.3 96.8#



#76
 1,2,3-Trichloropropane
 Concen: 4567.335 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY008797.D
 Acq: 18 May 2022 01:20

Tgt Ion: 75 Resp: 50174
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#78

n-propylbenzene

Concen: 3.232 ug/l

RT: 12.678 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008797.D

Acq: 18 May 2022 01:20

Instrument :

MSVOA_Y

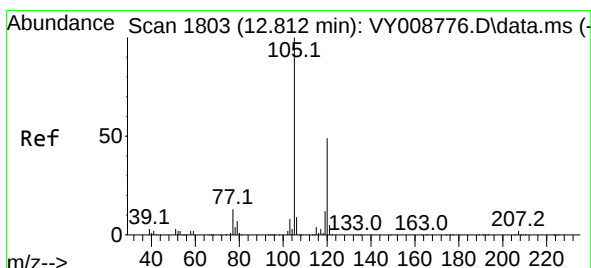
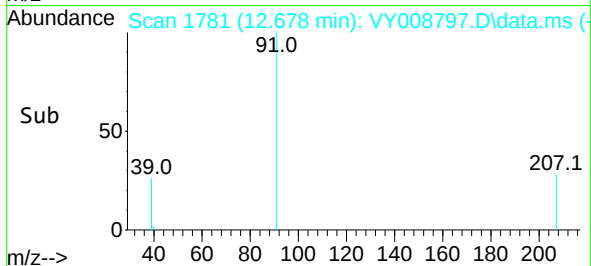
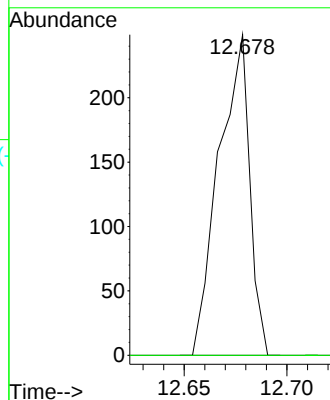
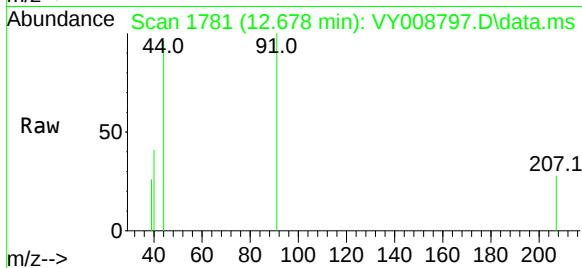
ClientSampleId :

Tgt Ion: 91 Resp: 259

Ion Ratio Lower Upper

91 100

120 0.0 11.3 33.9#



#80

1,3,5-Trimethylbenzene

Concen: 4.463 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.006 min

Lab File: VY008797.D

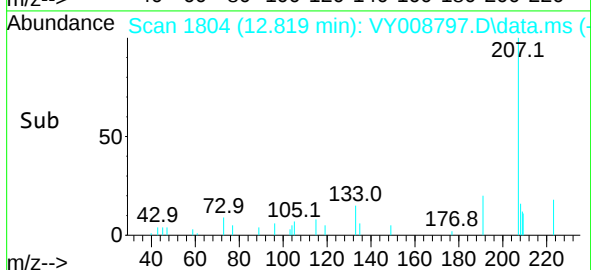
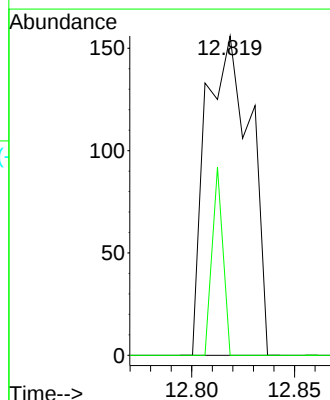
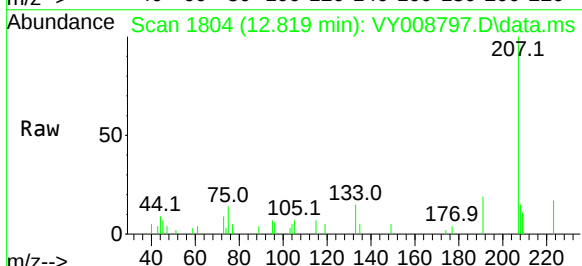
Acq: 18 May 2022 01:20

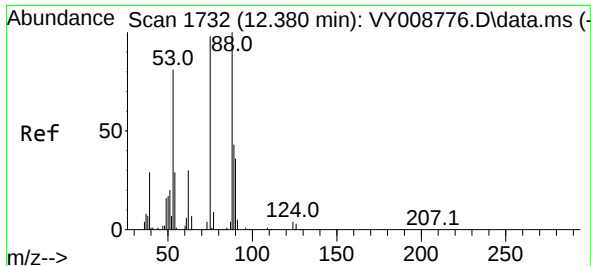
Tgt Ion:105 Resp: 235

Ion Ratio Lower Upper

105 100

120 14.5 24.4 73.4#

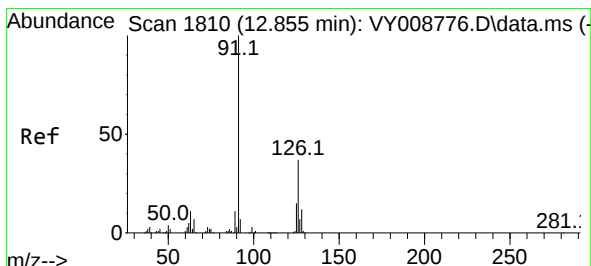
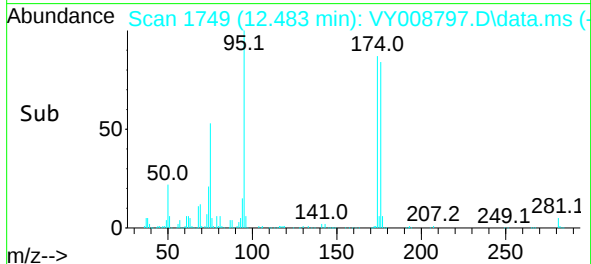
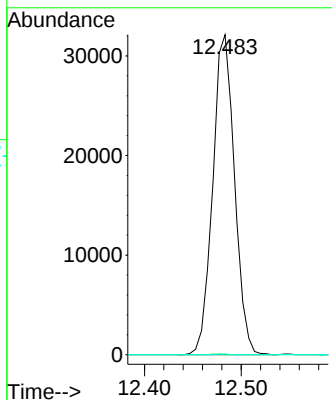
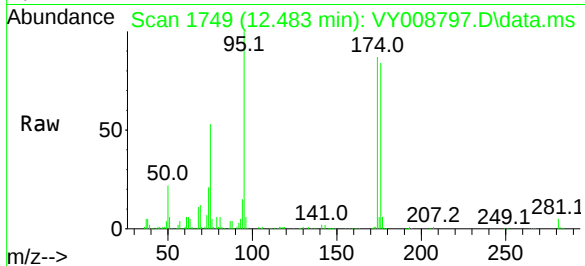




#81
trans-1,4-Dichloro-2-butene
Concen: 9990.057 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008797.D
Acq: 18 May 2022 01:20

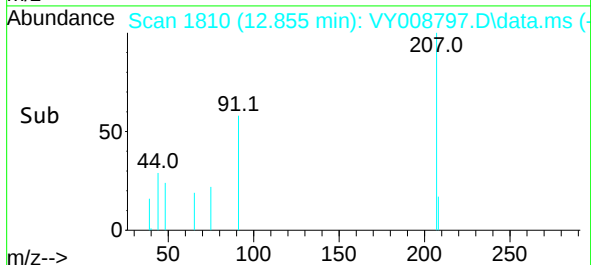
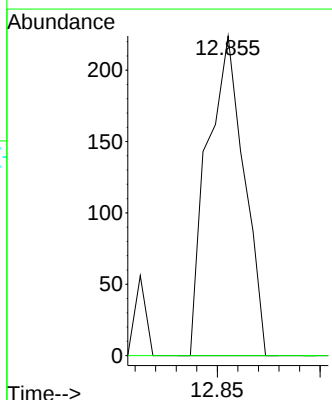
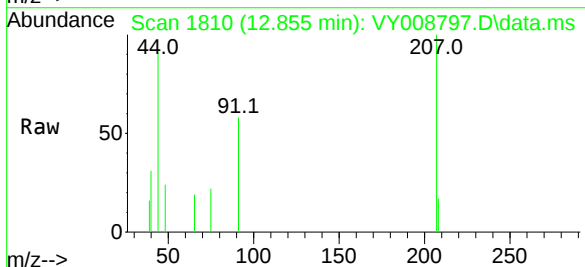
Instrument :
MSVOA_Y
ClientSampleId :

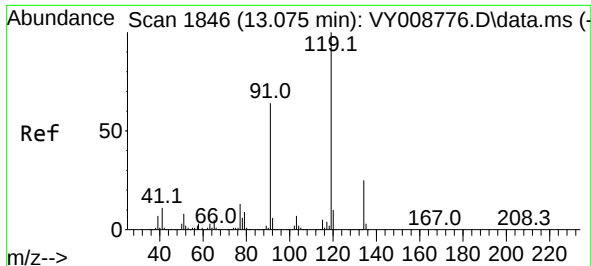
Tgt Ion: 75 Resp: 50174
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#



#82
4-Chlorotoluene
Concen: 6.063 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008797.D
Acq: 18 May 2022 01:20

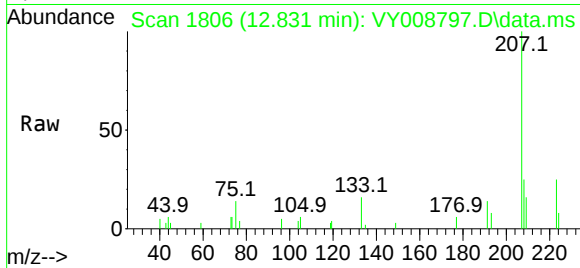
Tgt Ion: 91 Resp: 278
Ion Ratio Lower Upper
91 100
126 0.0 17.0 51.0#



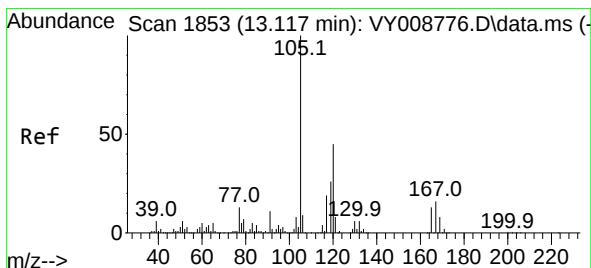
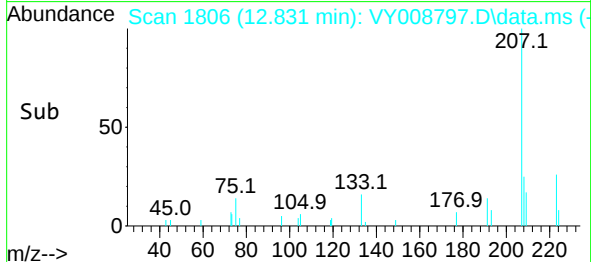
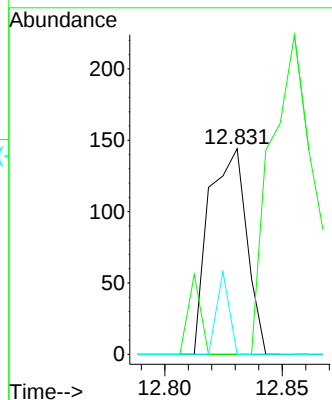


#83
tert-Butylbenzene
Concen: 3.400 ug/l
RT: 12.831 min Scan# 1806
Delta R.T. -0.244 min
Lab File: VY008797.D
Acq: 18 May 2022 01:20

Instrument :
MSVOA_Y
ClientSampleId :

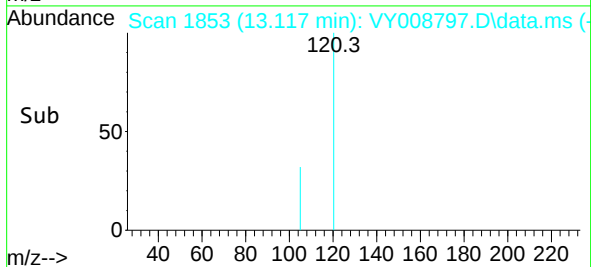
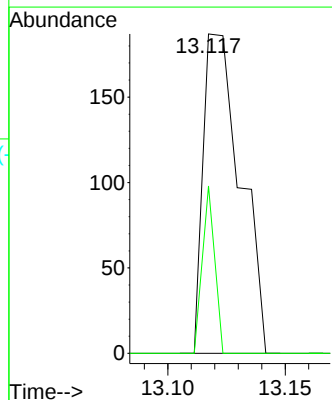
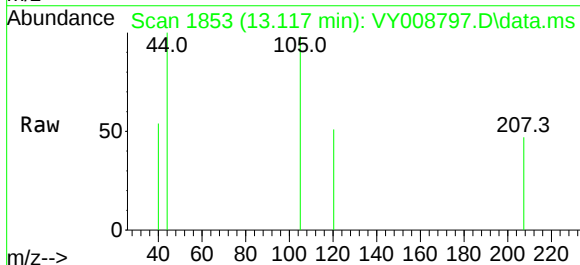


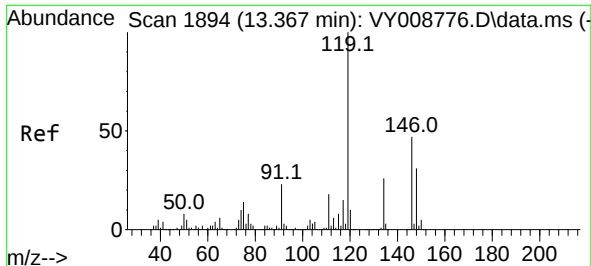
Tgt Ion:119 Resp: 161
Ion Ratio Lower Upper
119 100
91 12.4 34.8 104.4#
134 13.0 13.3 39.9#



#84
1,2,4-Trimethylbenzene
Concen: 3.971 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY008797.D
Acq: 18 May 2022 01:20

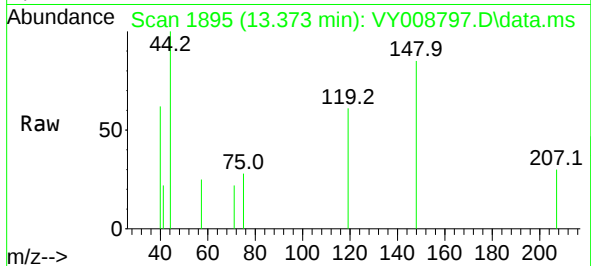
Tgt Ion:105 Resp: 207
Ion Ratio Lower Upper
105 100
120 17.4 22.3 66.9#



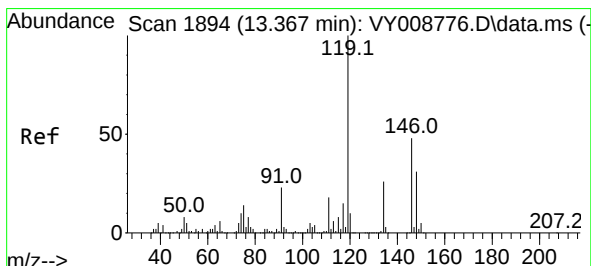
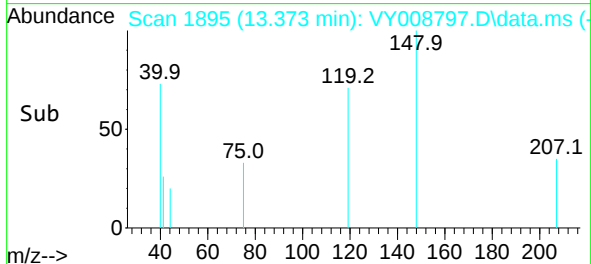
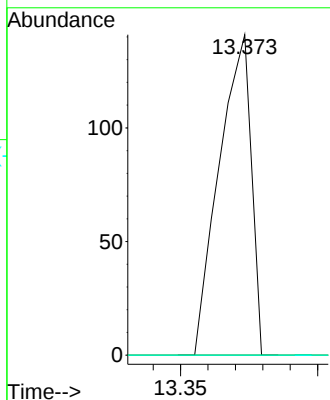


#86
p-Isopropyltoluene
Concen: 1.892 ug/l
RT: 13.373 min Scan# 119
Delta R.T. 0.006 min
Lab File: VY008797.D
Acq: 18 May 2022 01:20

Instrument :
MSVOA_Y
ClientSampleId :

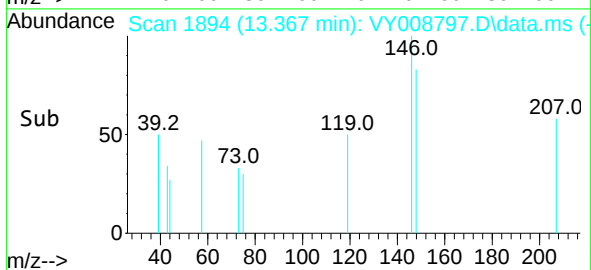
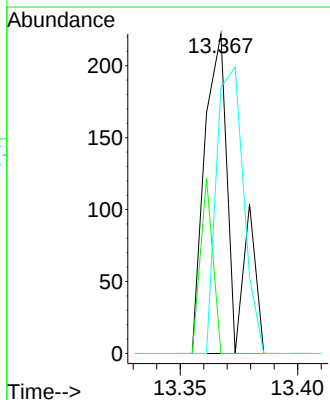
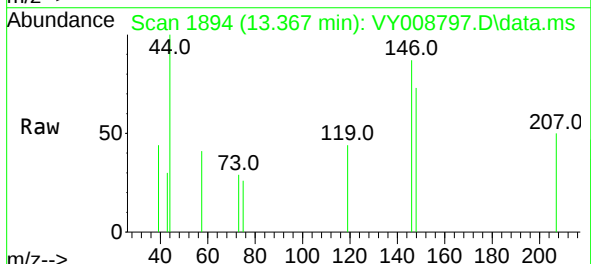


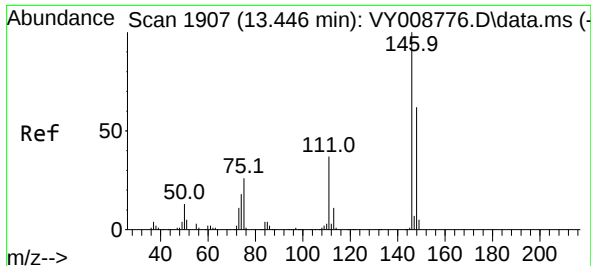
Tgt Ion:119 Resp: 114
Ion Ratio Lower Upper
119 100
134 0.0 13.2 39.5#
91 0.0 12.4 37.2#



#87
1,3-Dichlorobenzene
Concen: 5.668 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY008797.D
Acq: 18 May 2022 01:20

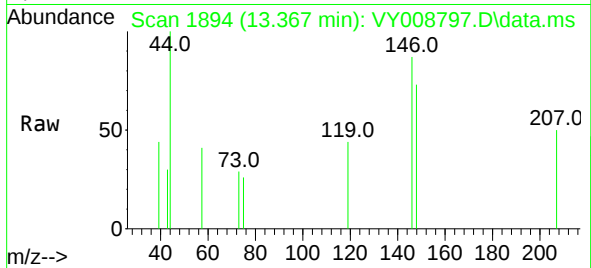
Tgt Ion:146 Resp: 180
Ion Ratio Lower Upper
146 100
111 25.0 19.5 58.5
148 88.9 31.6 95.0



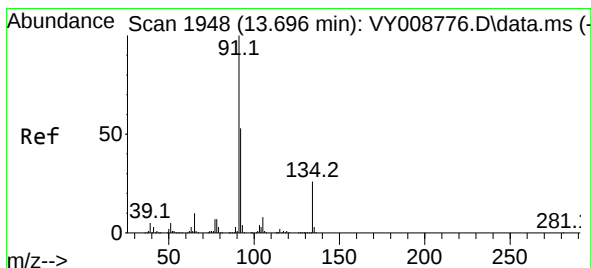
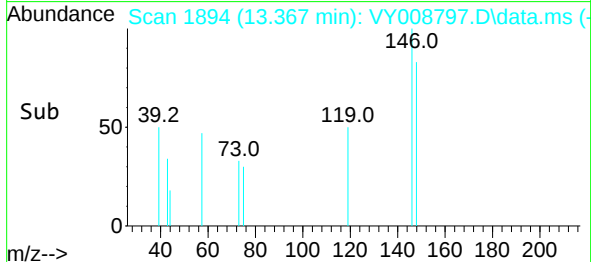
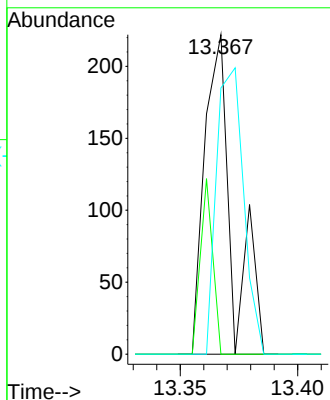


#88
1,4-Dichlorobenzene
Concen: 5.731 ug/l
RT: 13.367 min Scan# 11
Delta R.T. -0.079 min
Lab File: VY008797.D
Acq: 18 May 2022 01:20

Instrument :
MSVOA_Y
ClientSampleId :

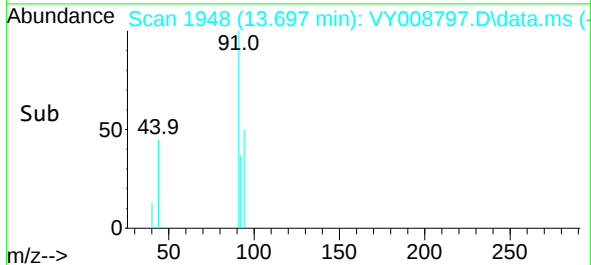
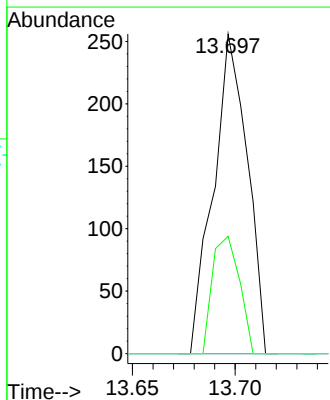
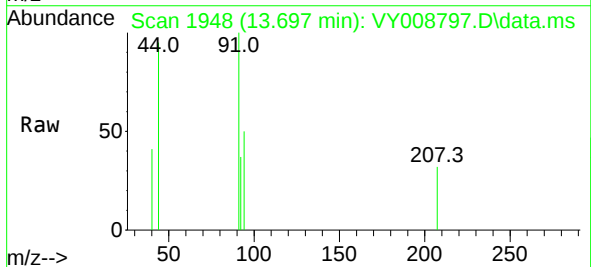


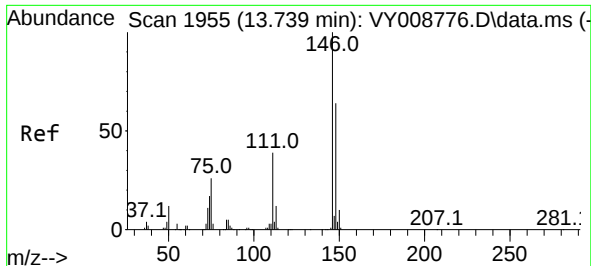
Tgt Ion:146 Resp: 180
Ion Ratio Lower Upper
146 100
111 25.0 19.3 57.8
148 88.9 32.6 97.8



#89
n-Butylbenzene
Concen: 5.141 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008797.D
Acq: 18 May 2022 01:20

Tgt Ion: 91 Resp: 294
Ion Ratio Lower Upper
91 100
92 29.3 26.3 78.9
134 0.0 13.0 38.9#





#91

1,2-Dichlorobenzene

Concen: 8.030 ug/l

RT: 13.745 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY008797.D

Acq: 18 May 2022 01:20

Instrument :

MSVOA_Y

ClientSampleId :

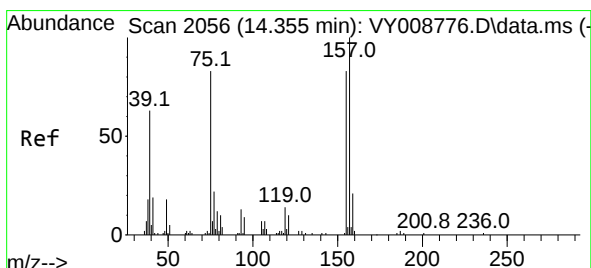
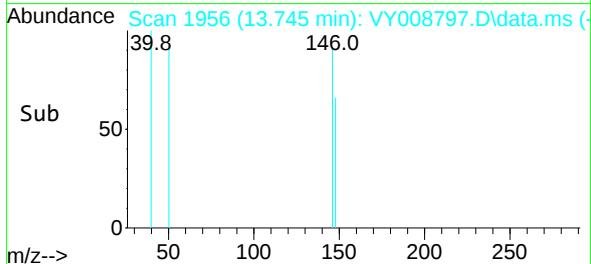
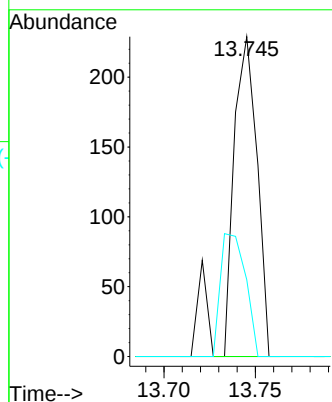
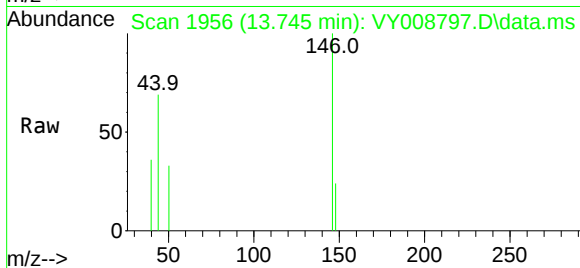
Tgt Ion:146 Resp: 223

Ion Ratio Lower Upper

146 100

111 0.0 20.3 60.9#

148 37.7 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 89.139 ug/l

RT: 14.233 min Scan# 2036

Delta R.T. -0.122 min

Lab File: VY008797.D

Acq: 18 May 2022 01:20

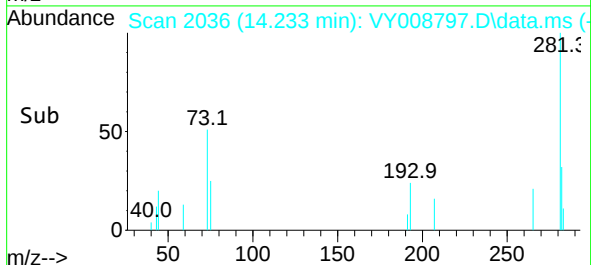
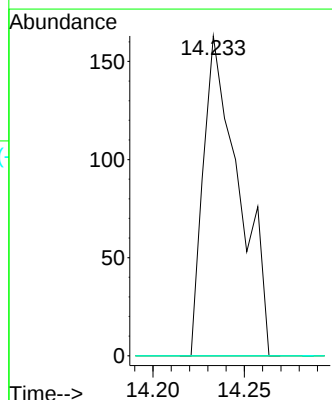
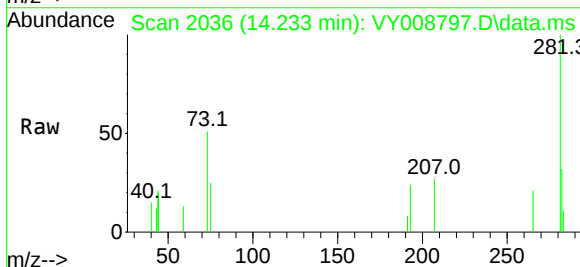
Tgt Ion: 75 Resp: 221

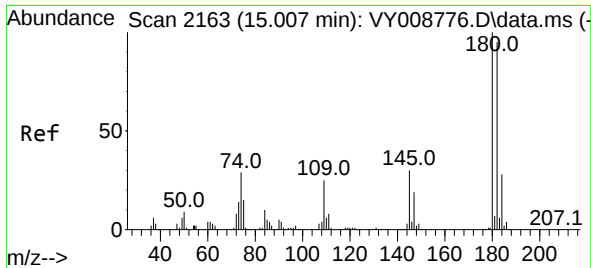
Ion Ratio Lower Upper

75 100

155 0.0 38.0 113.9#

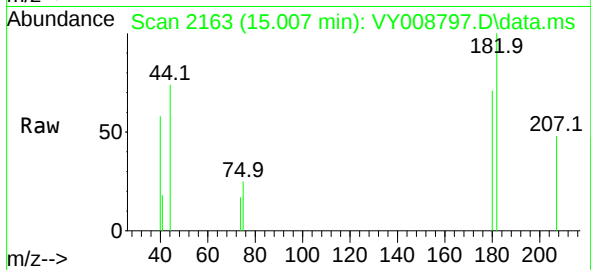
157 0.0 47.8 143.3#



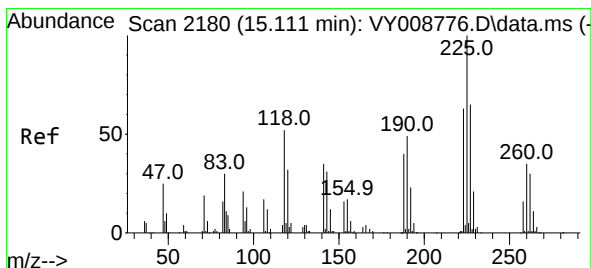
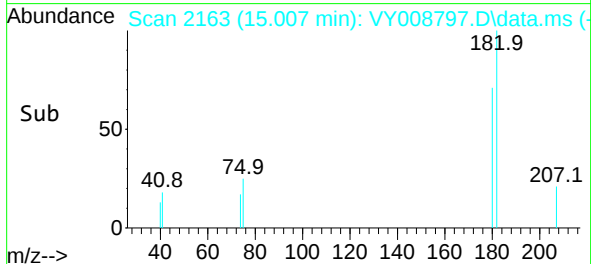
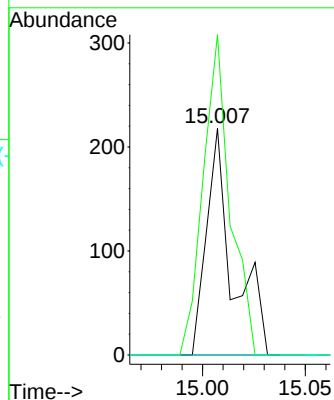


#93
 1,2,4-Trichlorobenzene
 Concen: 12.595 ug/l
 RT: 15.007 min Scan# 2163
 Delta R.T. 0.000 min
 Lab File: VY008797.D
 Acq: 18 May 2022 01:20

Instrument :
 MSVOA_Y
 ClientSampleId :

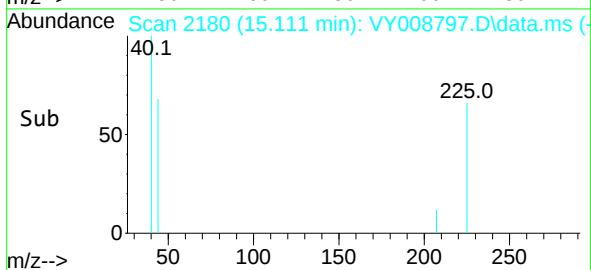
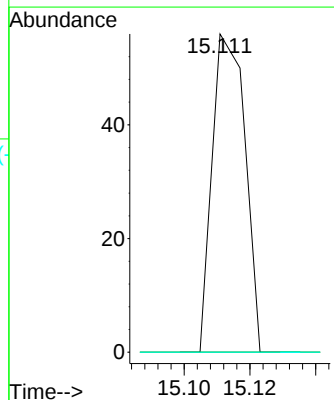
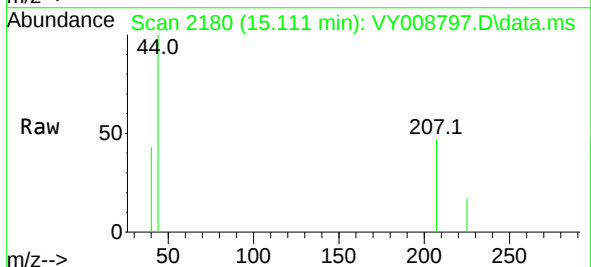


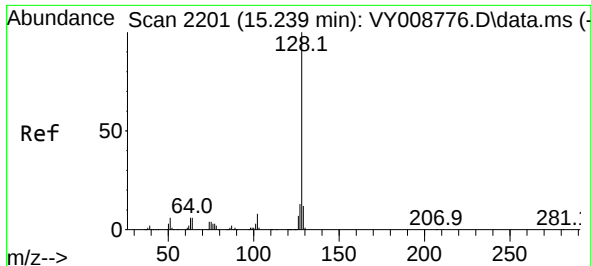
Tgt Ion:180 Resp: 191
 Ion Ratio Lower Upper
 180 100
 182 147.1 47.3 141.9#
 145 0.0 14.6 43.8#



#94
 Hexachlorobutadiene
 Concen: 4.469 ug/l
 RT: 15.111 min Scan# 2180
 Delta R.T. 0.000 min
 Lab File: VY008797.D
 Acq: 18 May 2022 01:20

Tgt Ion:225 Resp: 39
 Ion Ratio Lower Upper
 225 100
 223 0.0 30.8 92.3#
 227 0.0 31.6 94.7#

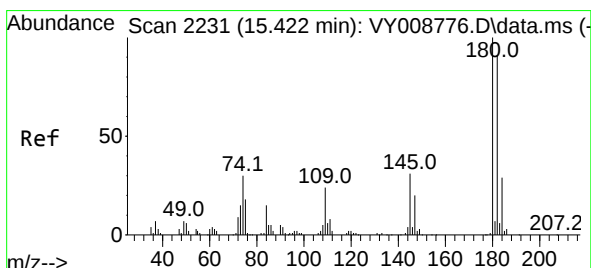
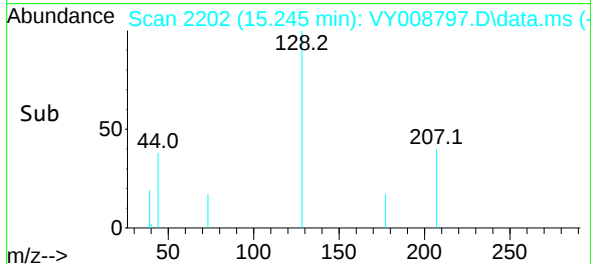
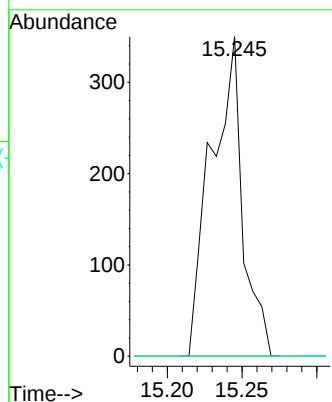
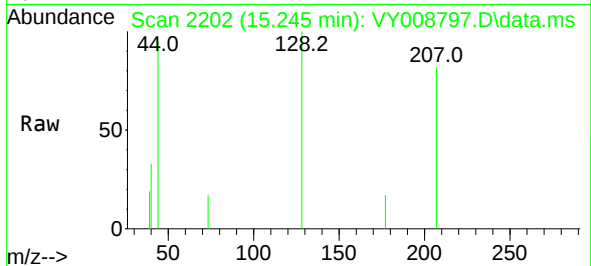




#95
Naphthalene
Concen: 15.044 ug/l
RT: 15.245 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY008797.D
Acq: 18 May 2022 01:20

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 510
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#



#96
1,2,3-Trichlorobenzene
Concen: 13.963 ug/l
RT: 15.416 min Scan# 2230
Delta R.T. -0.006 min
Lab File: VY008797.D
Acq: 18 May 2022 01:20

Tgt Ion:180 Resp: 186
Ion Ratio Lower Upper
180 100
182 72.0 47.3 141.9
145 10.8 15.3 45.9#

