

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081822\
 Data File : VY010084.D
 Acq On : 18 Aug 2022 15:25
 Operator : KP/MD
 Sample : VY0818SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0818SBL01

Quant Time: Aug 18 19:08:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 17 05:12:02 2022
 Response via : Initial Calibration

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

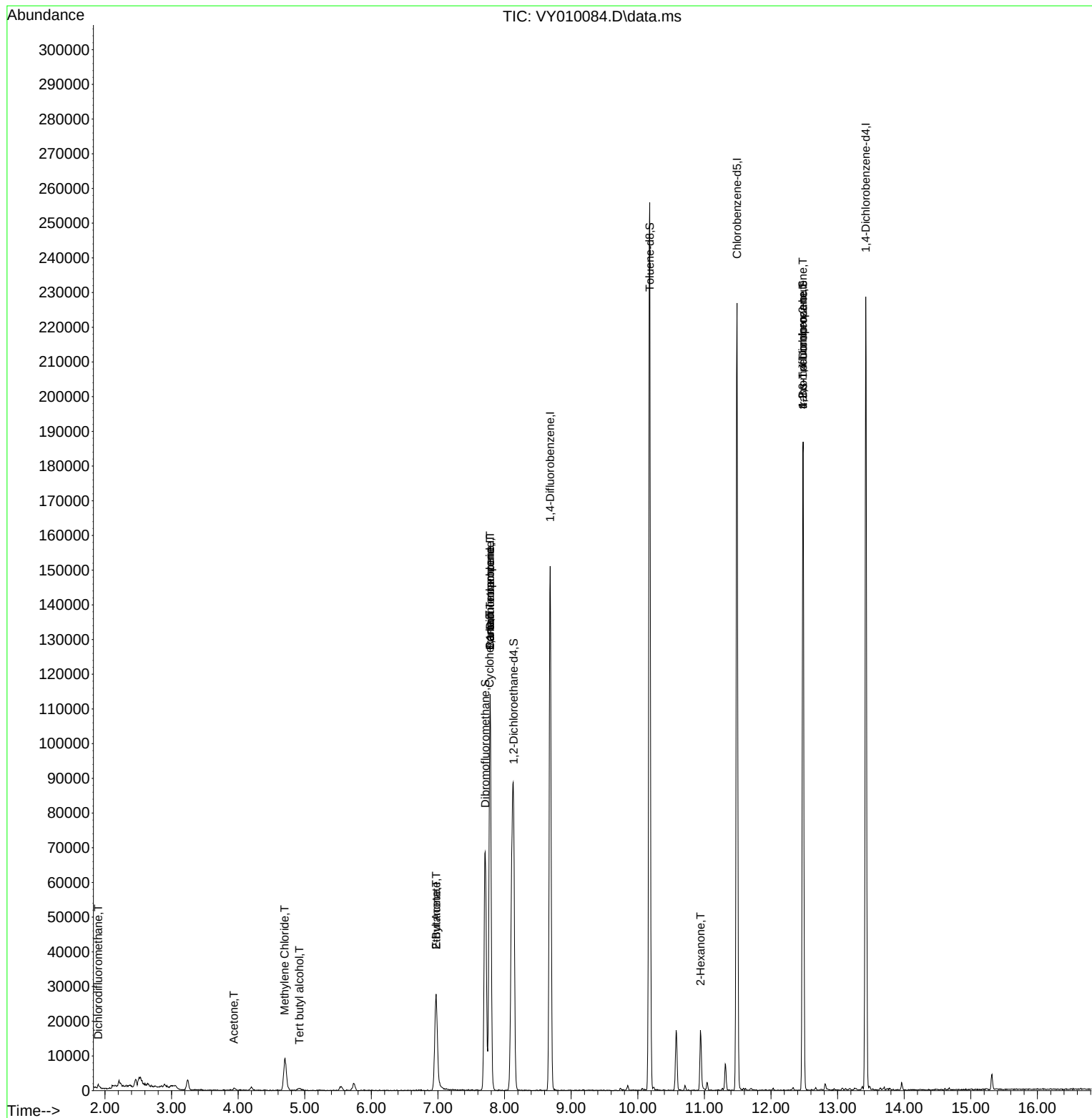
Internal Standards						
1) Pentafluorobenzene	7.783	168	92364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	135498	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	126112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	58044	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	50046	54.191	ug/l	0.00
Spiked Amount 50.000	Range	50 - 163	Recovery	= 108.380%		
35) Dibromofluoromethane	7.710	113	49381	56.198	ug/l	0.00
Spiked Amount 50.000	Range	54 - 147	Recovery	= 112.400%		
50) Toluene-d8	10.179	98	170423	52.422	ug/l	0.00
Spiked Amount 50.000	Range	49 - 140	Recovery	= 104.840%		
62) 4-Bromofluorobenzene	12.477	95	56057	49.093	ug/l	0.00
Spiked Amount 50.000	Range	25 - 144	Recovery	= 98.180%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	920	1.217	ug/l	91
11) Tert butyl alcohol	4.918	59	1054	11.736	ug/l #	74
16) Acetone	3.936	43	978	4.944	ug/l #	73
20) Methylene Chloride	4.698	84	6915	4.489	ug/l #	86
25) 2-Butanone	6.972	43	1509	5.576	ug/l #	82
31) Cyclohexane	7.777	56	1669	1.279	ug/l #	17
36) 1,1-Dichloropropene	7.783	75	6313	5.157	ug/l #	49
37) Ethyl Acetate	6.972	43	1509	2.448	ug/l #	1
38) Carbon Tetrachloride	7.783	117	8430	5.600	ug/l #	17
59) 2-Hexanone	10.941	43	205	24.525	ug/l #	26
76) 1,2,3-Trichloropropane	12.477	75	28217	51.285	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	28217	115.899	ug/l #	12

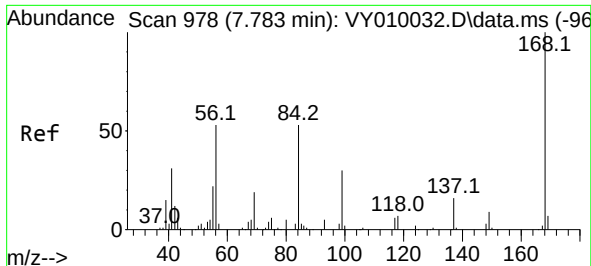
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081822\
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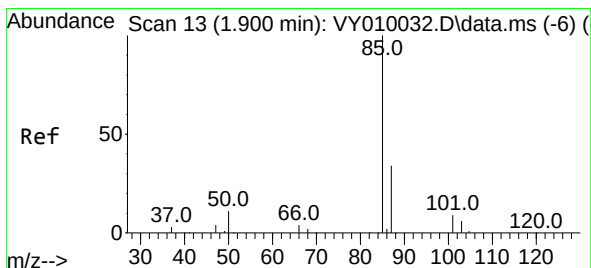
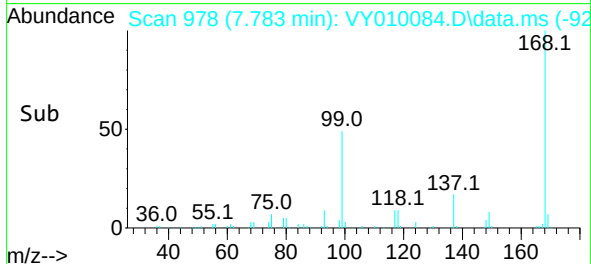
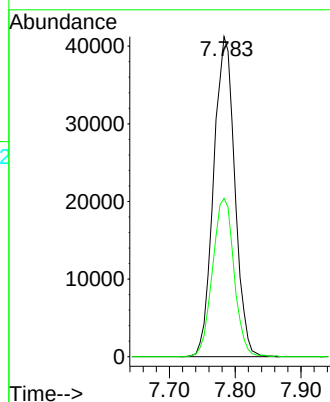
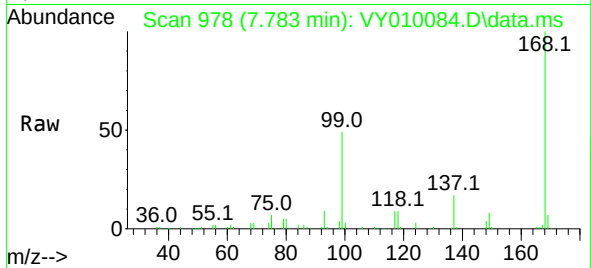




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010084.D
Acq: 18 Aug 2022 15:25

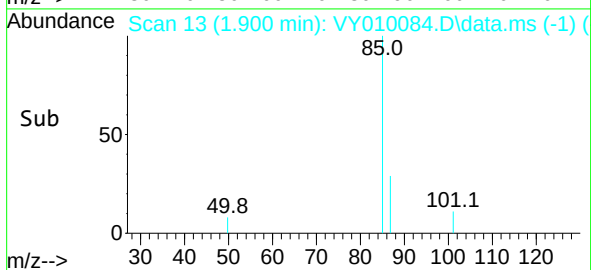
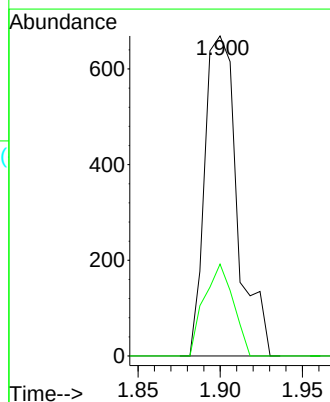
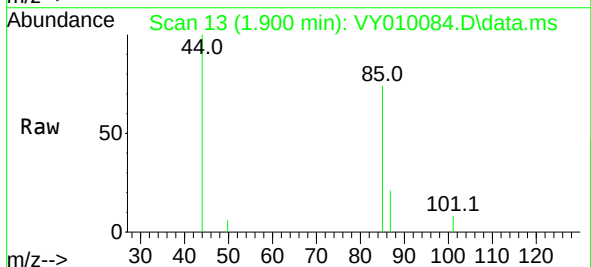
Instrument :
MSVOA_Y
ClientSampleId :
VY0818SBL01

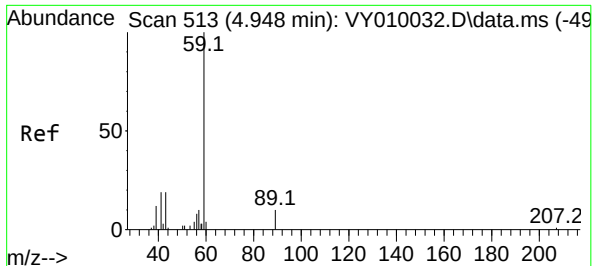
Tgt Ion:168 Resp: 92364
Ion Ratio Lower Upper
168 100
99 49.5 37.7 56.5



#2
Dichlorodifluoromethane
Concen: 1.217 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010084.D
Acq: 18 Aug 2022 15:25

Tgt Ion: 85 Resp: 920
Ion Ratio Lower Upper
85 100
87 28.7 16.9 50.7





#11

Tert butyl alcohol

Concen: 11.736 ug/l

RT: 4.918 min Scan# 508

Delta R.T. -0.030 min

Lab File: VY010084.D

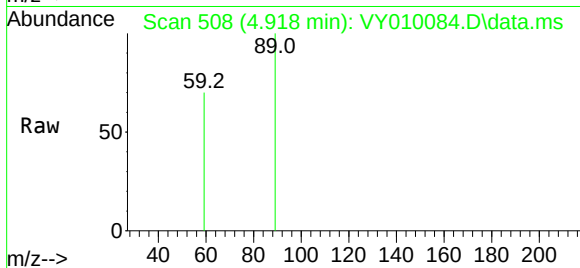
Acq: 18 Aug 2022 15:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0818SBL01

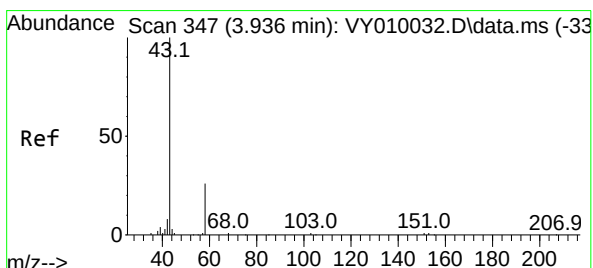
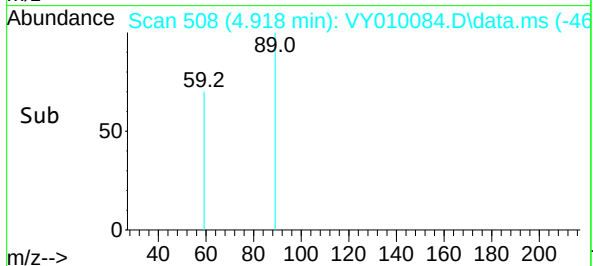
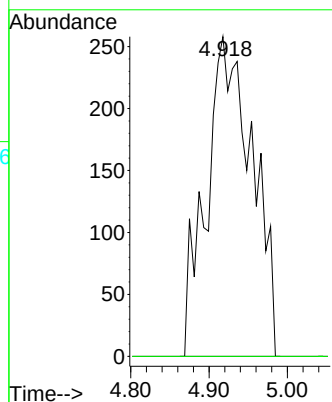


Tgt Ion: 59 Resp: 1054

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#16

Acetone

Concen: 4.944 ug/l

RT: 3.936 min Scan# 347

Delta R.T. 0.000 min

Lab File: VY010084.D

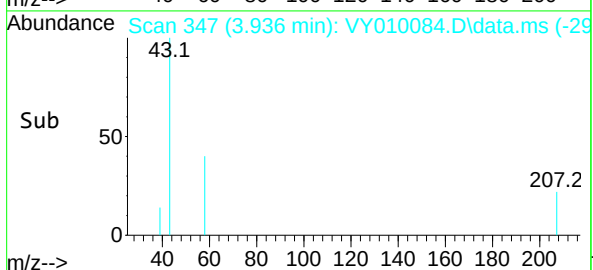
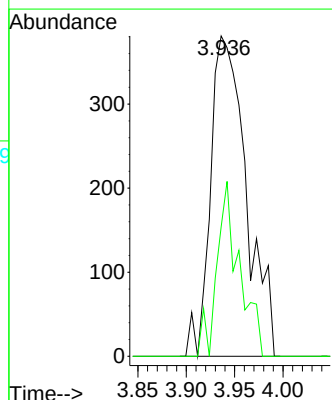
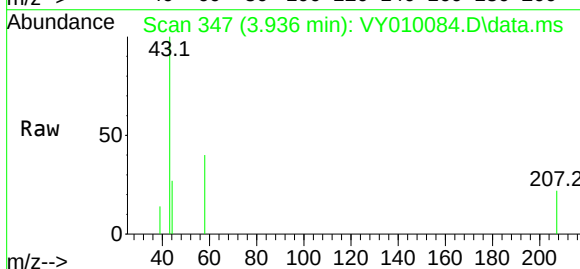
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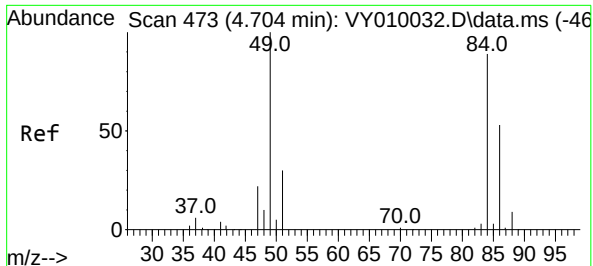
Tgt Ion: 43 Resp: 978

Ion Ratio Lower Upper

43 100

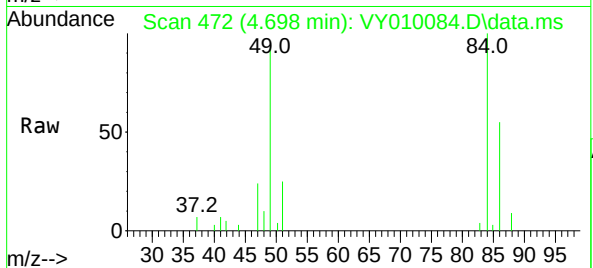
58 40.4 21.4 32.0#



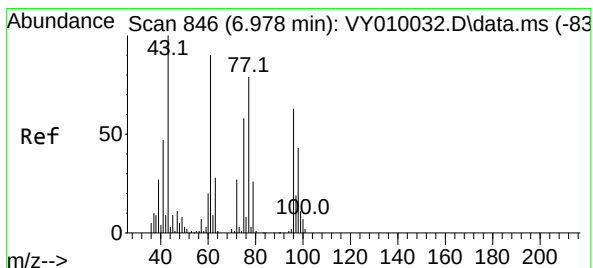
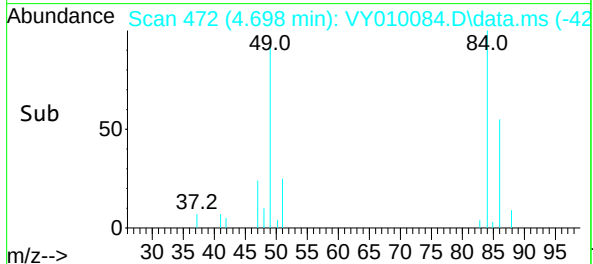
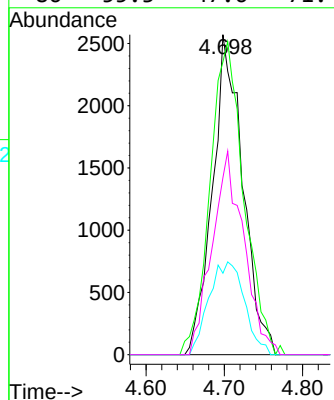


#20
Methylene Chloride
Concen: 4.489 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010084.D
Acq: 18 Aug 2022 15:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0818SBL01

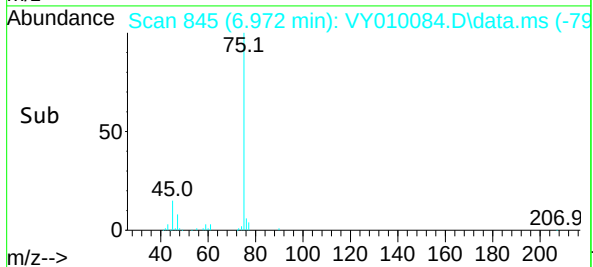
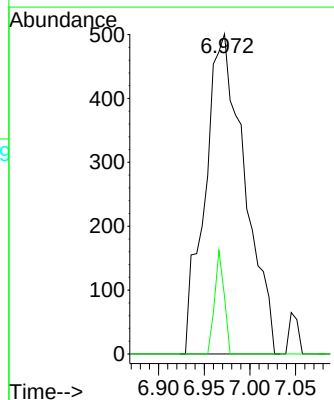
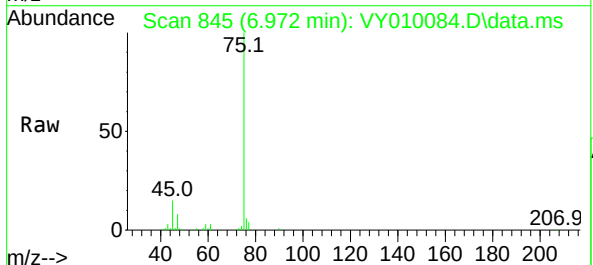


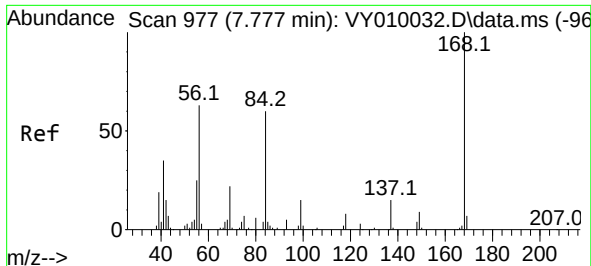
Tgt Ion	84	Resp:	6915
Ion	Ratio	Lower	Upper
84	100		
49	91.5	89.5	134.3
51	25.5	26.8	40.2#
86	55.3	47.6	71.4



#25
2-Butanone
Concen: 5.576 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY010084.D
Acq: 18 Aug 2022 15:25

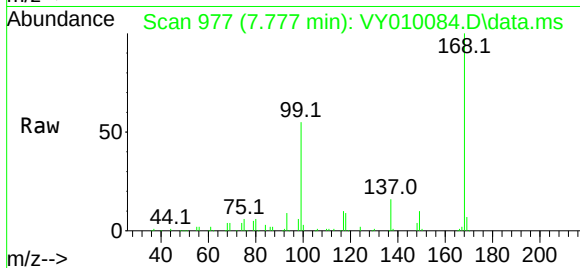
Tgt Ion	43	Resp:	1509
Ion	Ratio	Lower	Upper
43	100		
72	18.0	21.7	32.5#



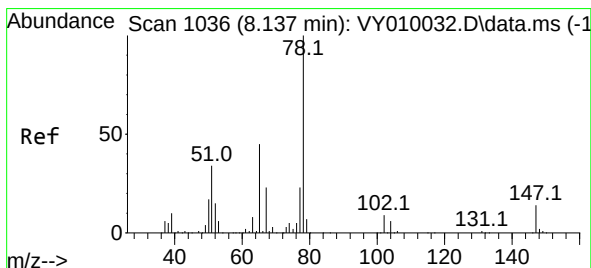
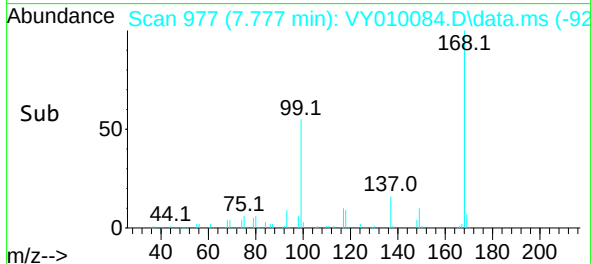
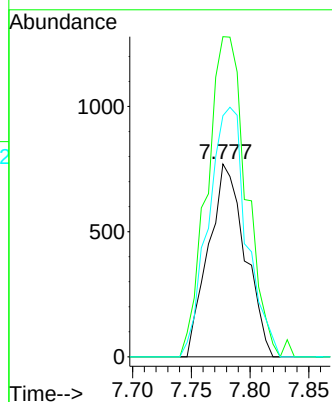


#31
Cyclohexane
Concen: 1.279 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010084.D
Acq: 18 Aug 2022 15:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0818SBL01

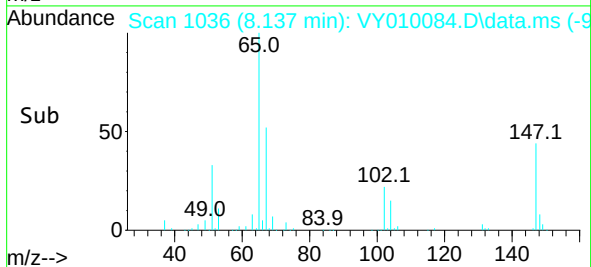
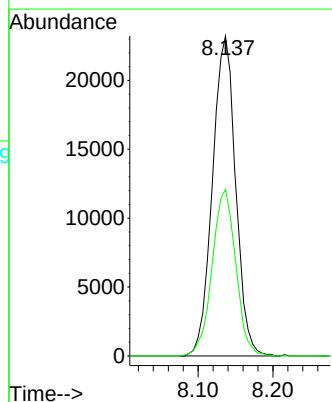
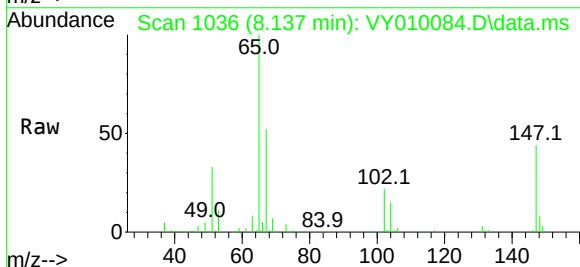


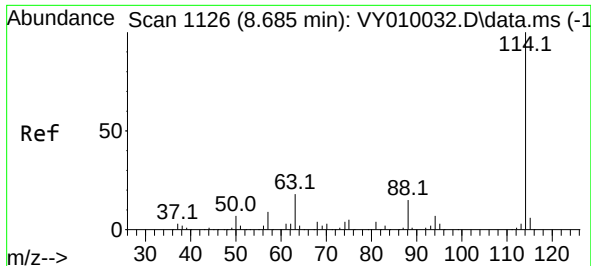
Tgt Ion: 56 Resp: 1669
Ion Ratio Lower Upper
56 100
69 166.1 28.6 43.0#
84 125.1 76.0 114.0#



#33
1,2-Dichloroethane-d4
Concen: 54.191 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY010084.D
Acq: 18 Aug 2022 15:25

Tgt Ion: 65 Resp: 50046
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.4

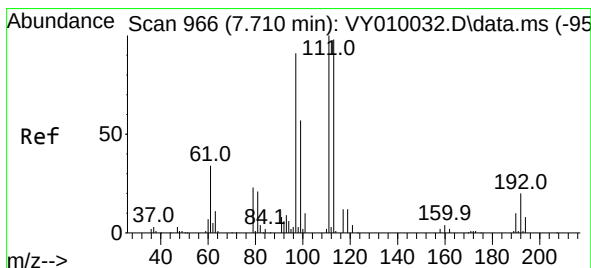
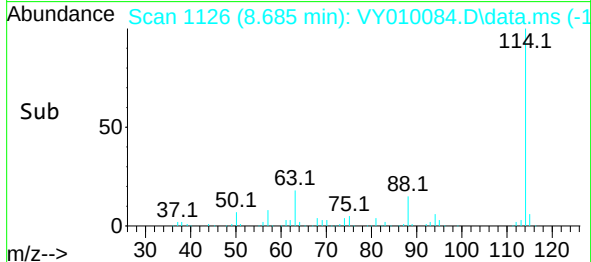
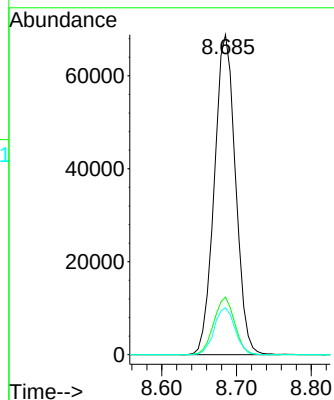
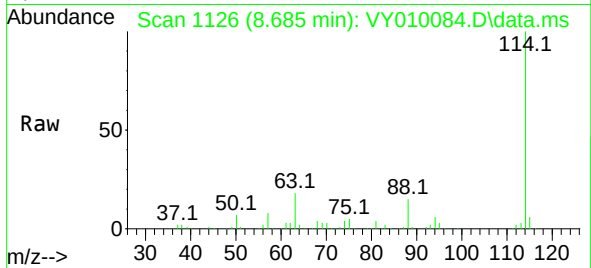




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010084.D
Acq: 18 Aug 2022 15:25

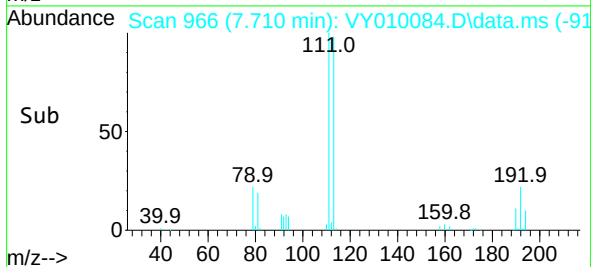
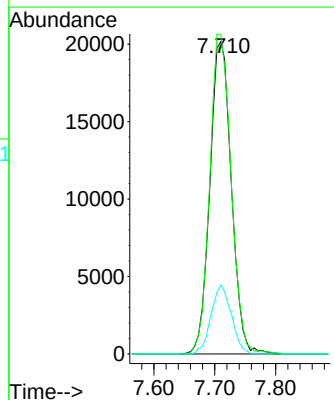
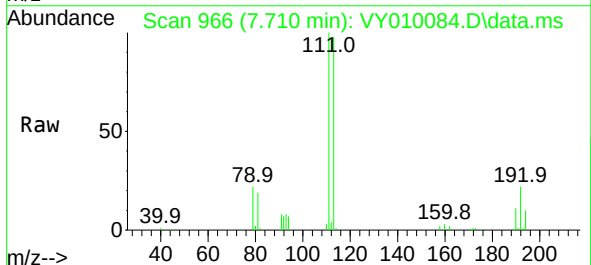
Instrument :
MSVOA_Y
ClientSampleId :
VY0818SBL01

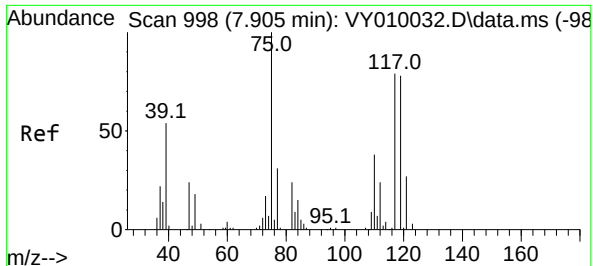
Tgt Ion:114 Resp: 135498
Ion Ratio Lower Upper
114 100
63 18.0 0.0 35.2
88 14.7 0.0 30.2



#35
Dibromofluoromethane
Concen: 56.198 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010084.D
Acq: 18 Aug 2022 15:25

Tgt Ion:113 Resp: 49381
Ion Ratio Lower Upper
113 100
111 102.1 82.7 124.1
192 20.8 17.2 25.8

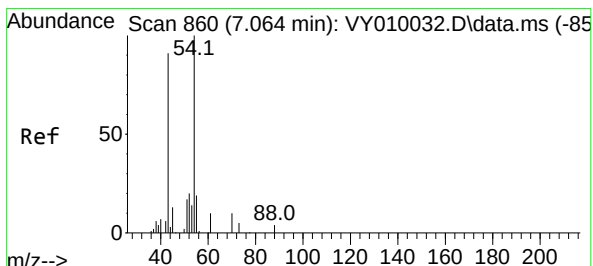
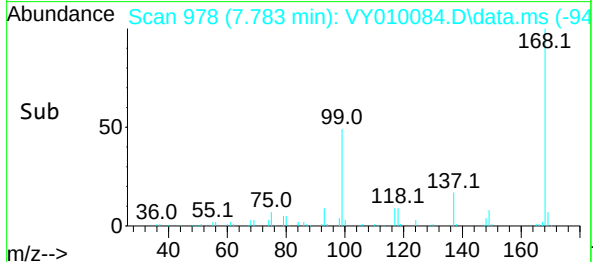
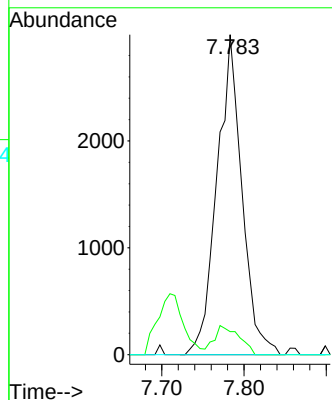
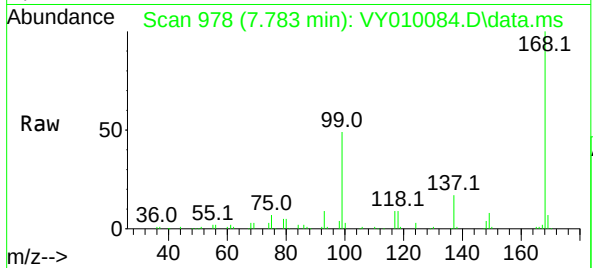




#36
1,1-Dichloropropene
Concen: 5.157 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY010084.D
Acq: 18 Aug 2022 15:25

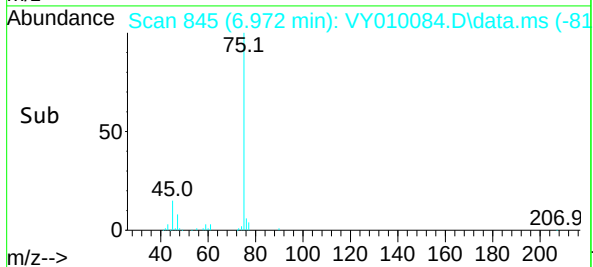
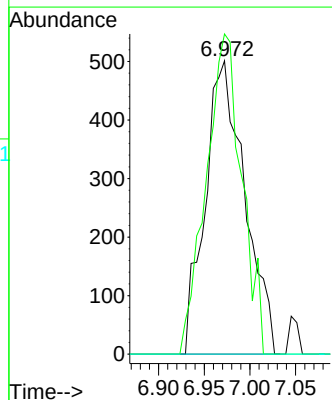
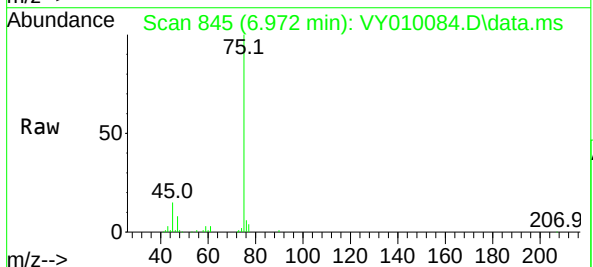
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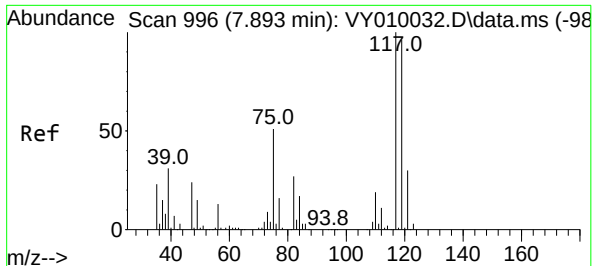
Tgt Ion: 75 Resp: 6313
Ion Ratio Lower Upper
75 100
110 9.0 18.4 55.4#
77 0.0 24.6 36.8#



#37
Ethyl Acetate
Concen: 2.448 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.092 min
Lab File: VY010084.D
Acq: 18 Aug 2022 15:25

Tgt Ion: 43 Resp: 1509
Ion Ratio Lower Upper
43 100
61 98.4 9.6 14.4#
70 0.0 7.9 11.9#

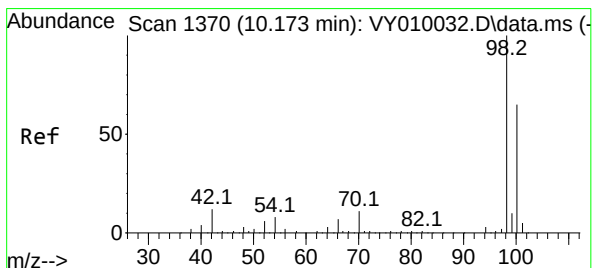
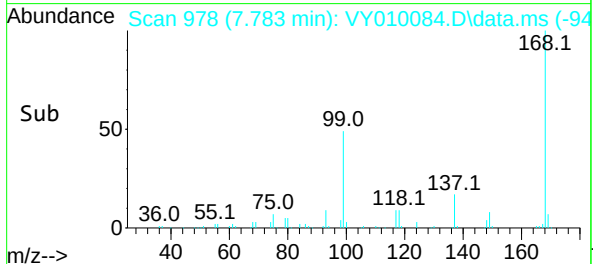
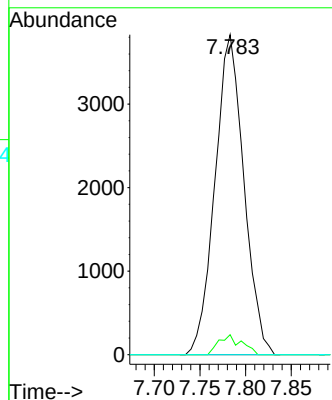
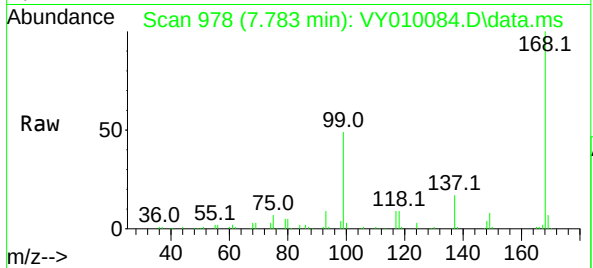




#38
Carbon Tetrachloride
Concen: 5.600 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010084.D
Acq: 18 Aug 2022 15:25

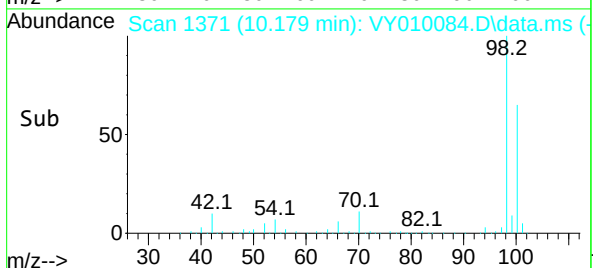
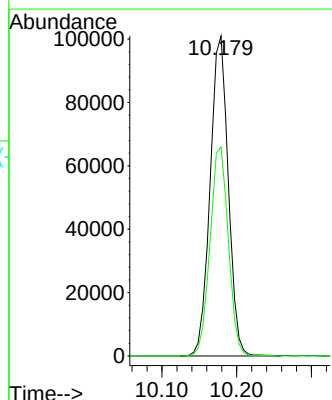
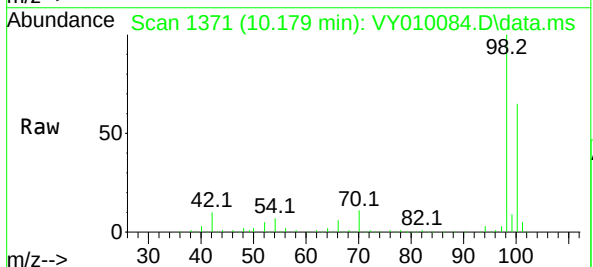
Instrument :
MSVOA_Y
ClientSampleId :
VY0818SBL01

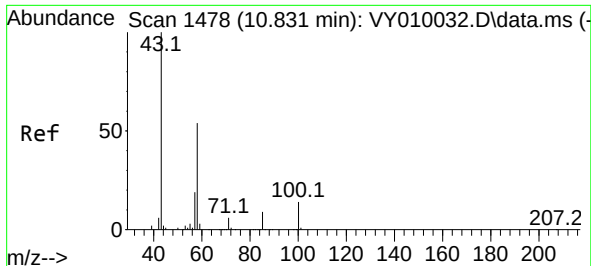
Tgt Ion:117 Resp: 8430
Ion Ratio Lower Upper
117 100
119 6.3 77.0 115.6#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 52.422 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010084.D
Acq: 18 Aug 2022 15:25

Tgt Ion: 98 Resp: 170423
Ion Ratio Lower Upper
98 100
100 65.9 52.1 78.1

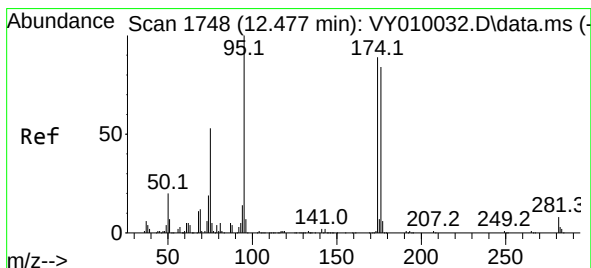
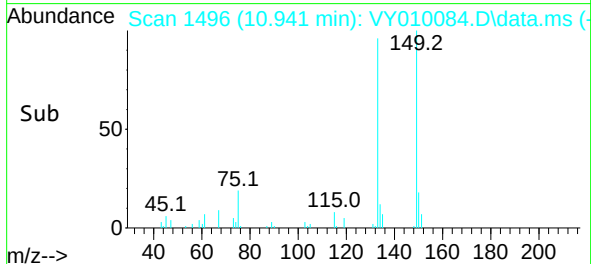
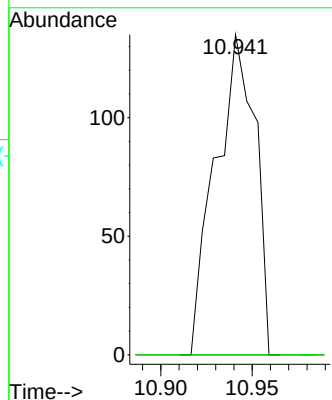
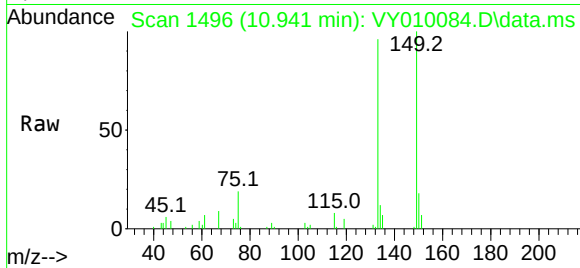




#59
2-Hexanone
Concen: 24.525 ug/l
RT: 10.941 min Scan# 1478
Delta R.T. 0.110 min
Lab File: VY010084.D
Acq: 18 Aug 2022 15:25

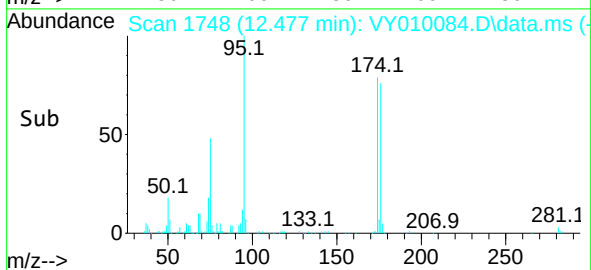
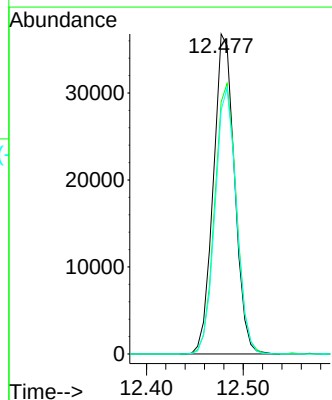
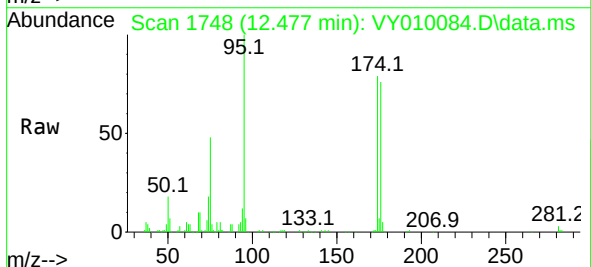
Instrument :
MSVOA_Y
ClientSampleId :
VY0818SBL01

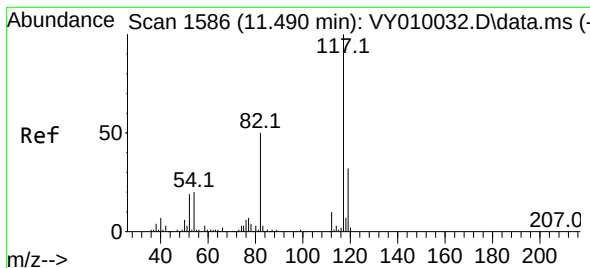
Tgt Ion: 43 Resp: 205
Ion Ratio Lower Upper
43 100
58 0.0 26.3 78.9#



#62
4-Bromofluorobenzene
Concen: 49.093 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010084.D
Acq: 18 Aug 2022 15:25

Tgt Ion: 95 Resp: 56057
Ion Ratio Lower Upper
95 100
174 86.5 0.0 184.2
176 83.4 0.0 178.4

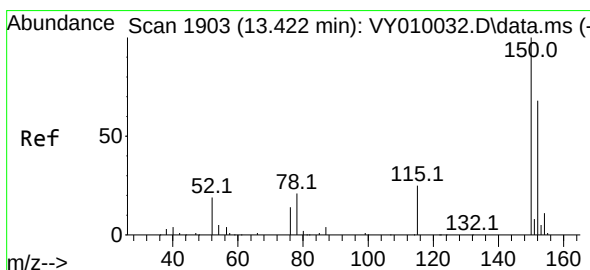
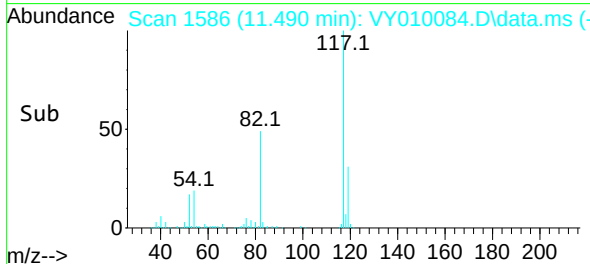
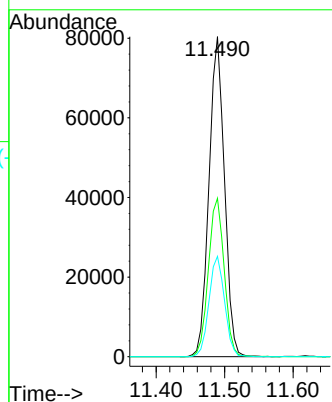
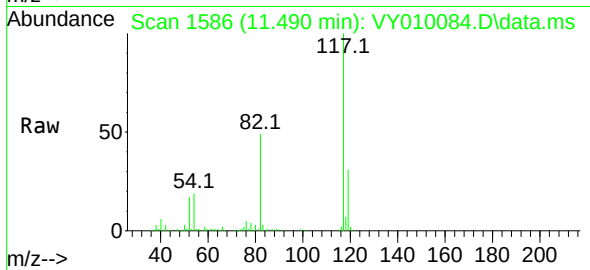




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010084.D
Acq: 18 Aug 2022 15:25

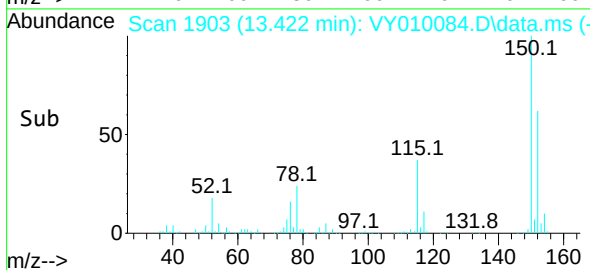
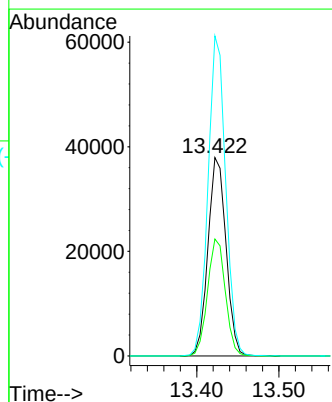
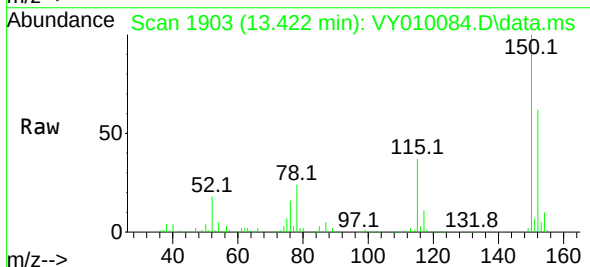
Instrument :
MSVOA_Y
ClientSampleId :
VY0818SBL01

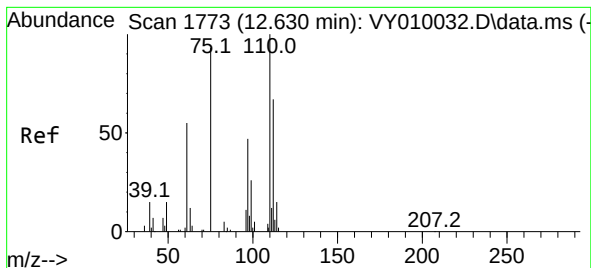
Tgt Ion:117 Resp: 126112
Ion Ratio Lower Upper
117 100
82 49.5 39.8 59.6
119 31.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010084.D
Acq: 18 Aug 2022 15:25

Tgt Ion:152 Resp: 58044
Ion Ratio Lower Upper
152 100
115 58.0 28.1 84.3
150 157.0 0.0 346.6





#76

1,2,3-Trichloropropane

Concen: 51.285 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY010084.D

Acq: 18 Aug 2022 15:25

Instrument :

MSVOA_Y

ClientSampleId :

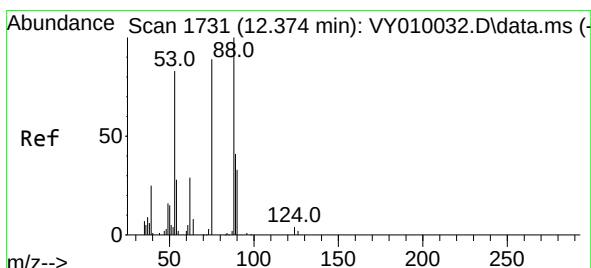
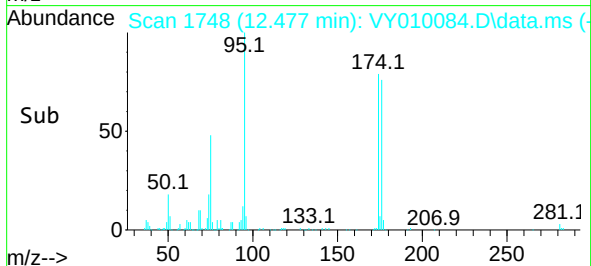
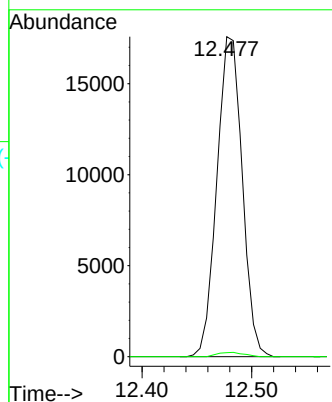
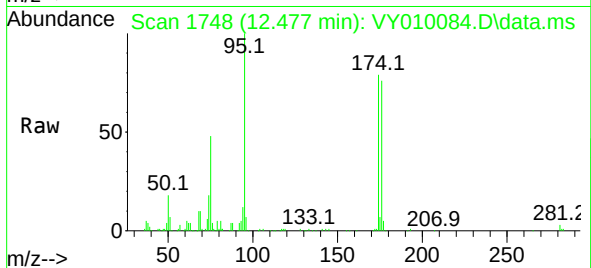
VY0818SBL01

Tgt Ion: 75 Resp: 28217

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 115.899 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.103 min

Lab File: VY010084.D

Acq: 18 Aug 2022 15:25

Tgt Ion: 75 Resp: 28217

Ion Ratio Lower Upper

75 100

53 0.1 74.2 111.4#

89 0.0 37.8 56.6#

