

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081422\
 Data File : VY010009.D
 Acq On : 14 Aug 2022 19:50
 Operator : KP/MD
 Sample : N4189-07
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB15

Quant Time: Aug 15 00:41:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 02:54:57 2022
 Response via : Initial Calibration

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

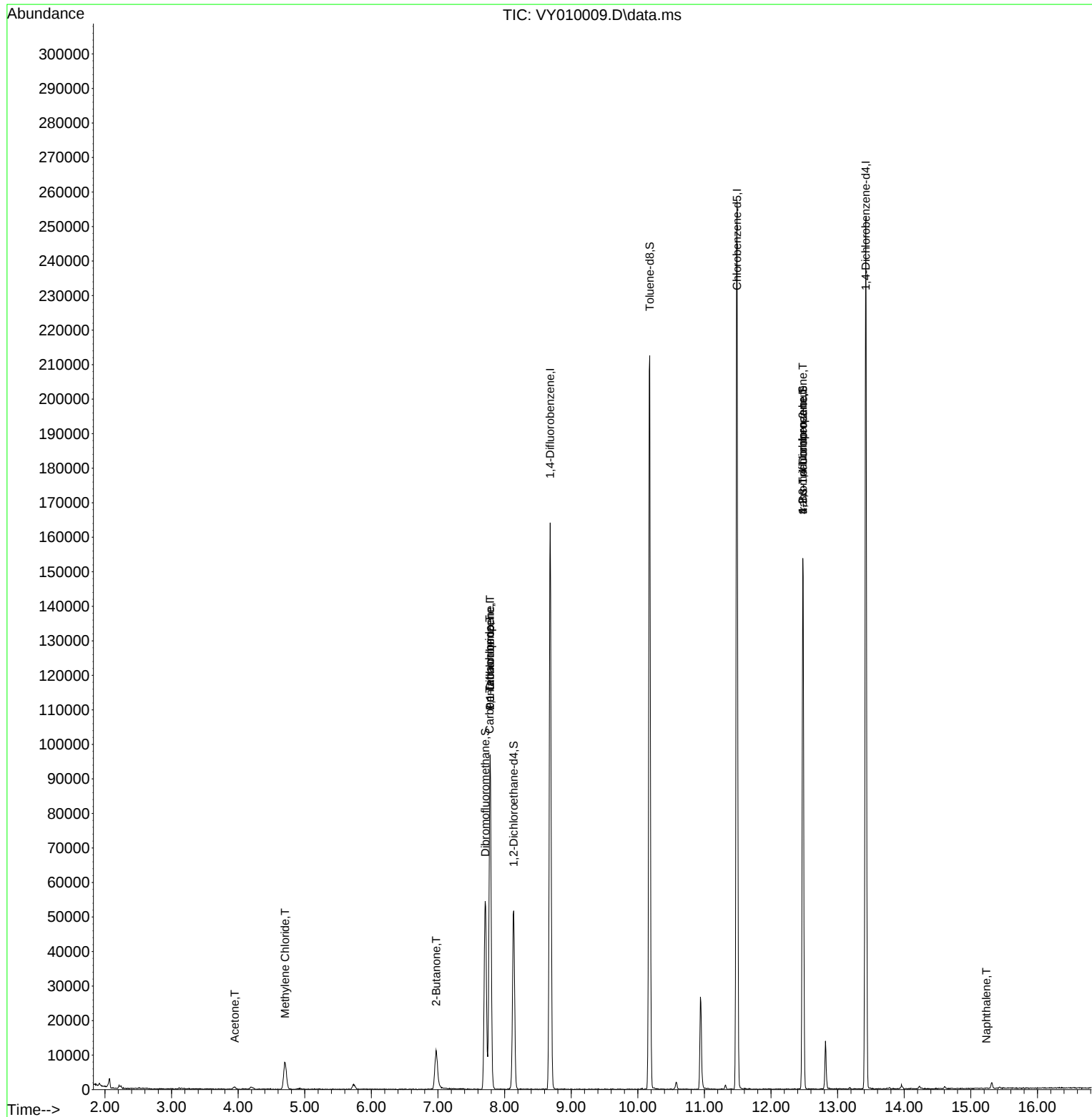
Internal Standards						
1) Pentafluorobenzene	7.783	168	75073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	146364	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	149193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	66933	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	39298	51.603	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.200%			
35) Dibromofluoromethane	7.710	113	40530	45.244	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 90.480%			
50) Toluene-d8	10.179	98	144197	42.010	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 84.020%			
62) 4-Bromofluorobenzene	12.477	95	50628	40.258	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 80.520%			
Target Compounds						
11) Tert butyl alcohol	4.930	59	311	Below Cal	#	78
16) Acetone	3.948	43	1039	5.681	ug/l	93
18) Methyl Acetate	4.466	43	108	Below Cal	#	52
20) Methylene Chloride	4.704	84	6639	1.080	ug/l	# 79
25) 2-Butanone	6.972	43	503	1.772	ug/l	# 48
36) 1,1-Dichloropropene	7.783	75	5424	4.066	ug/l	# 48
38) Carbon Tetrachloride	7.777	117	7426	5.578	ug/l	# 16
76) 1,2,3-Trichloropropane	12.477	75	23873	30.865	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	23873	67.094	ug/l	# 13
95) Naphthalene	15.233	128	159	3.126	ug/l	# 69

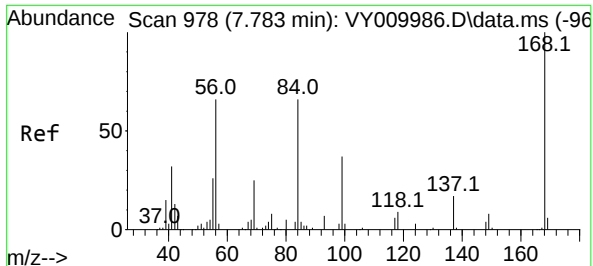
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 15 00:41:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 13 02:54:57 2022
Response via : Initial Calibration

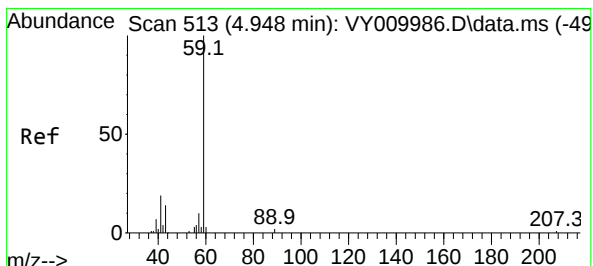
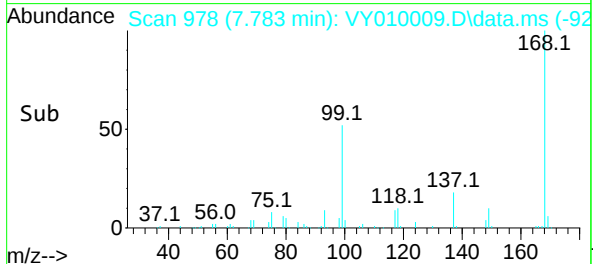
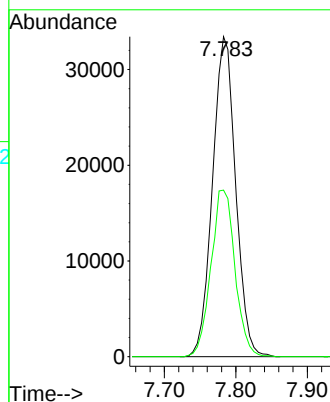
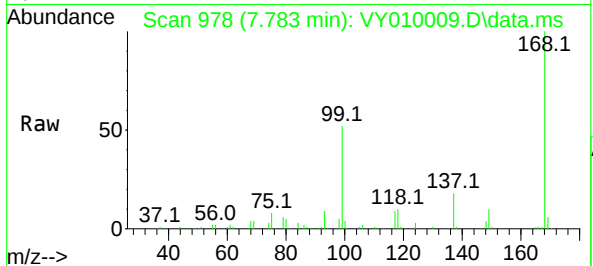




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010009.D
Acq: 14 Aug 2022 19:50

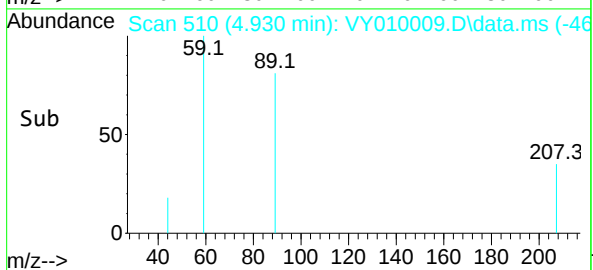
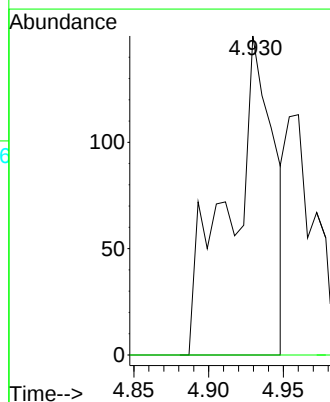
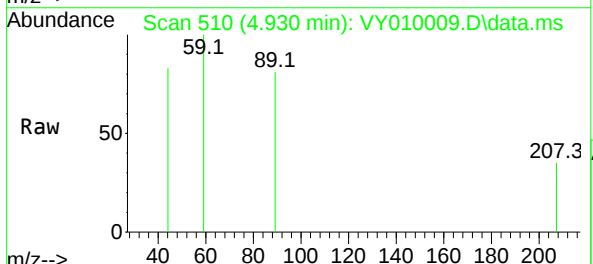
Instrument :
MSVOA_Y
ClientSampleId :
SB15

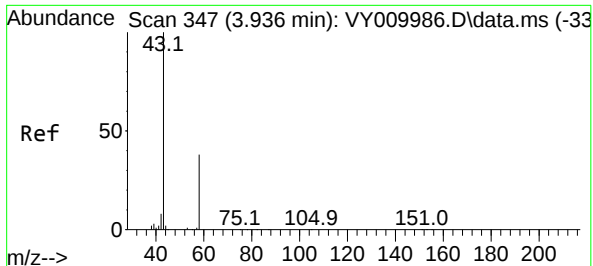
Tgt Ion:168 Resp: 75073
Ion Ratio Lower Upper
168 100
99 52.0 42.1 63.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY010009.D
Acq: 14 Aug 2022 19:50

Tgt Ion: 59 Resp: 311
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#

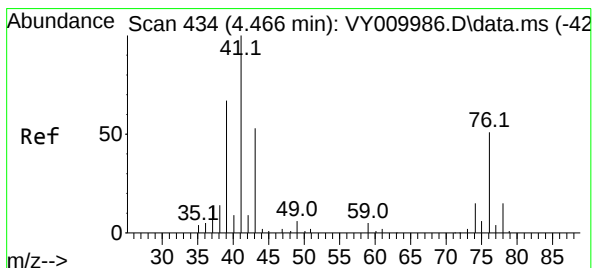
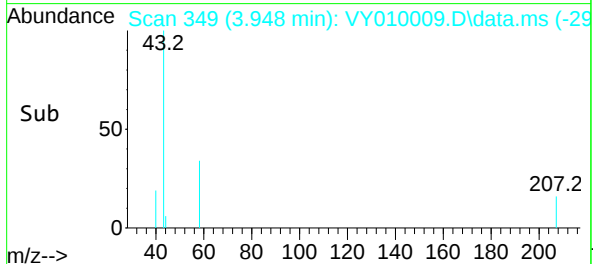
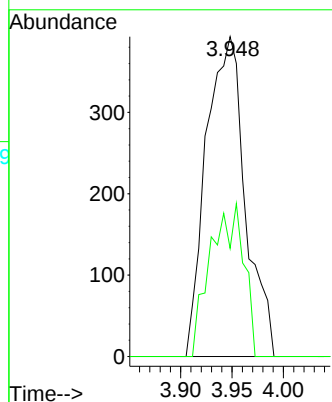
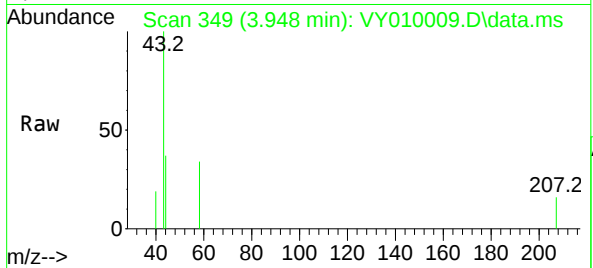




#16
Acetone
Concen: 5.681 ug/l
RT: 3.948 min Scan# 347
Delta R.T. 0.012 min
Lab File: VY010009.D
Acq: 14 Aug 2022 19:50

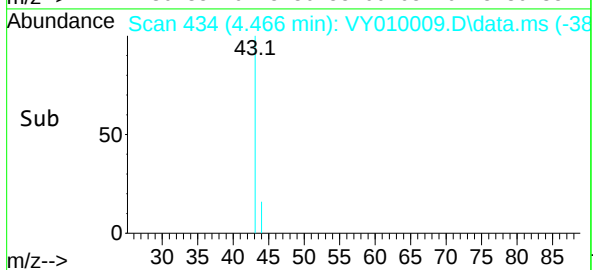
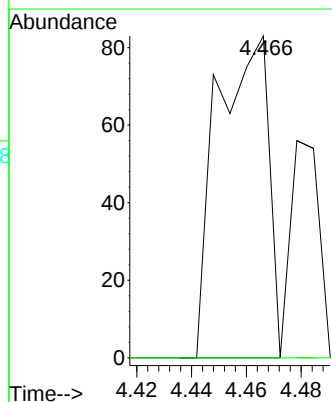
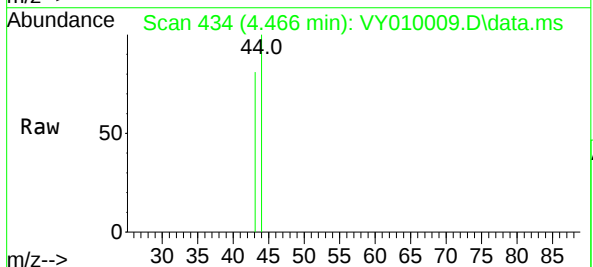
Instrument :
MSVOA_Y
ClientSampleId :
SB15

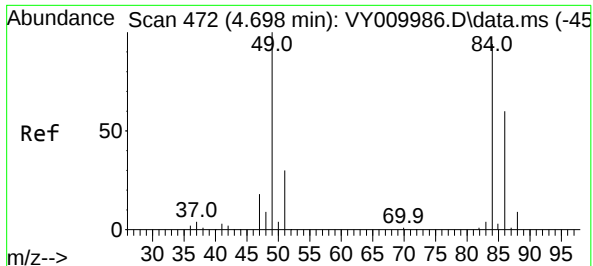
Tgt Ion: 43 Resp: 1039
Ion Ratio Lower Upper
43 100
58 33.8 24.0 36.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY010009.D
Acq: 14 Aug 2022 19:50

Tgt Ion: 43 Resp: 108
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#

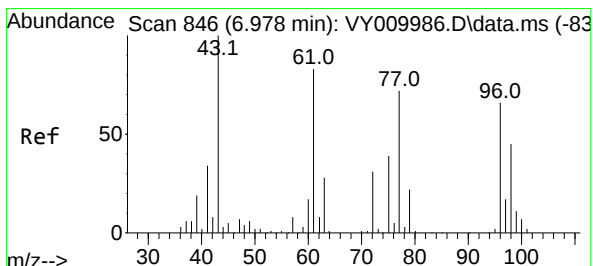
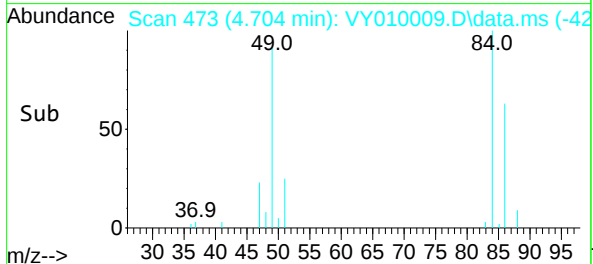
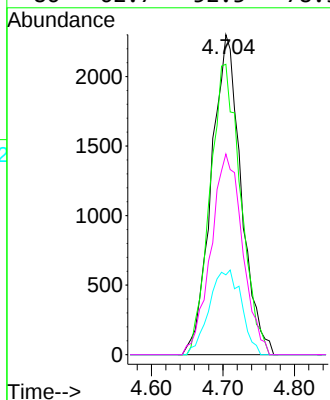
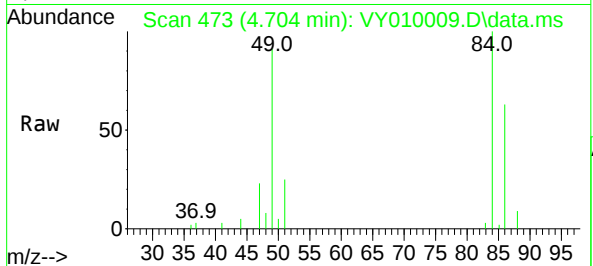




#20
Methylene Chloride
Concen: 1.080 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY010009.D
Acq: 14 Aug 2022 19:50

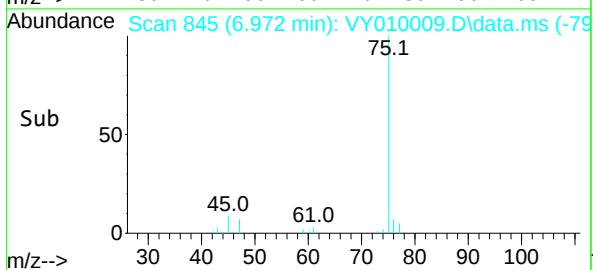
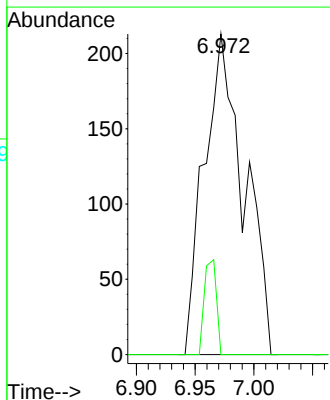
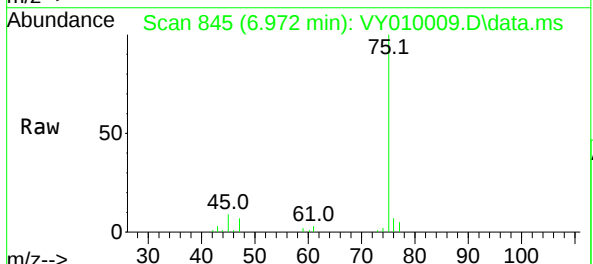
Instrument :
MSVOA_Y
ClientSampleId :
SB15

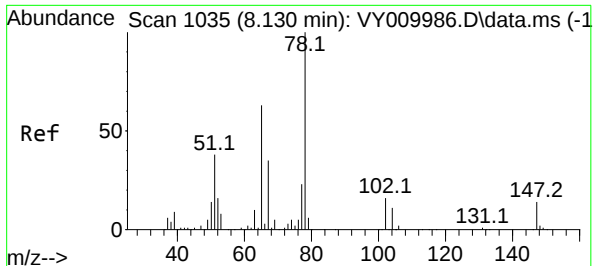
Tgt Ion: 84	Resp:	6639
Ion	Ratio	Lower Upper
84	100	
49	90.7	98.2 147.4#
51	24.9	33.4 50.0#
86	62.7	52.3 78.5



#25
2-Butanone
Concen: 1.772 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY010009.D
Acq: 14 Aug 2022 19:50

Tgt Ion: 43	Resp:	503
Ion	Ratio	Lower Upper
43	100	
72	0.0	21.5 32.3#





#33

1,2-Dichloroethane-d4

Concen: 51.603 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VY010009.D

Acq: 14 Aug 2022 19:50

Instrument :

MSVOA_Y

ClientSampleId :

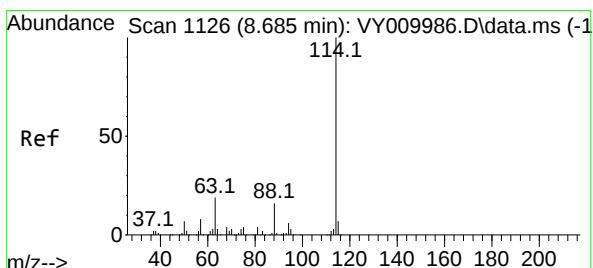
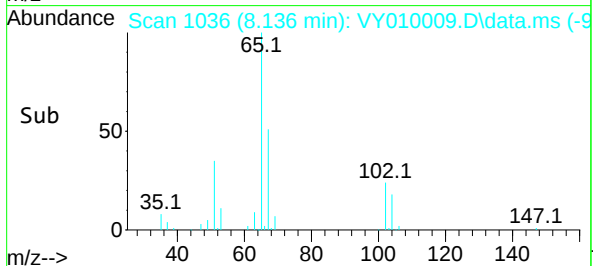
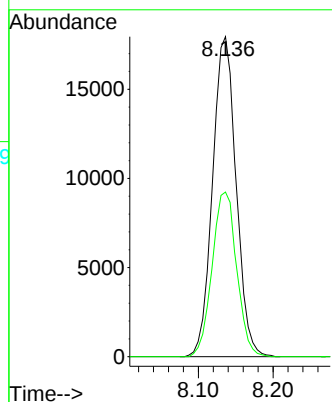
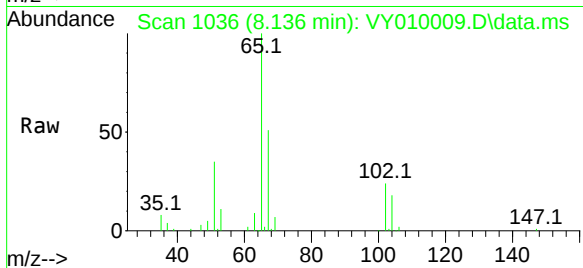
SB15

Tgt Ion: 65 Resp: 39298

Ion Ratio Lower Upper

65 100

67 53.6 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY010009.D

Acq: 14 Aug 2022 19:50

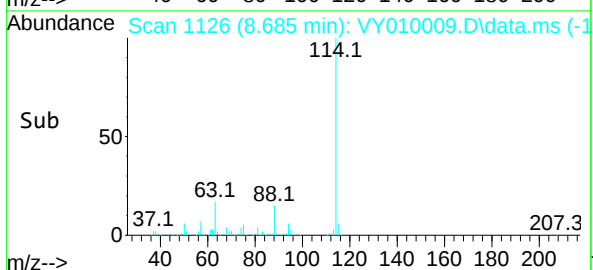
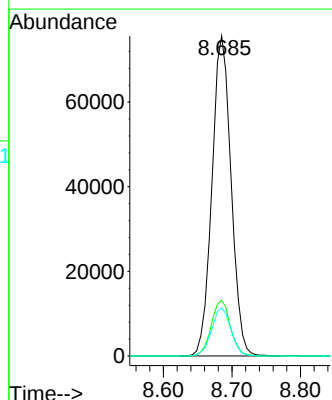
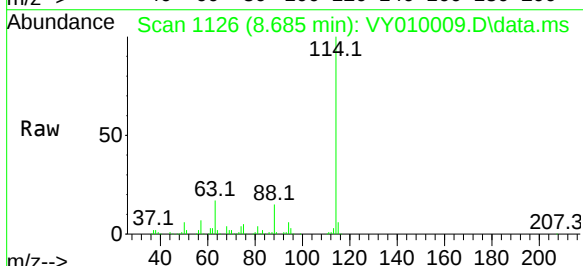
Tgt Ion: 114 Resp: 146364

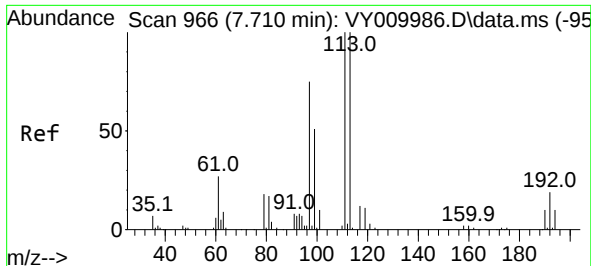
Ion Ratio Lower Upper

114 100

63 17.4 0.0 38.0

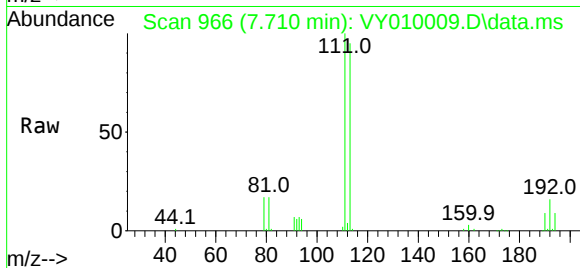
88 14.9 0.0 30.0



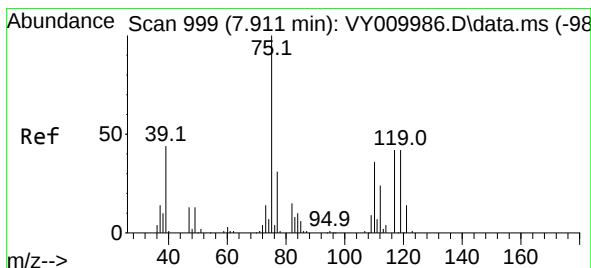
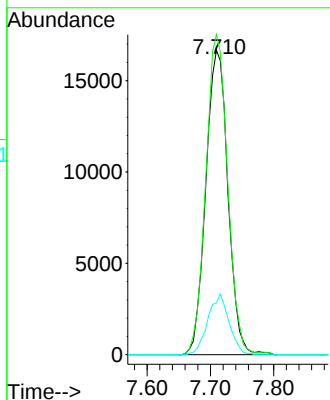
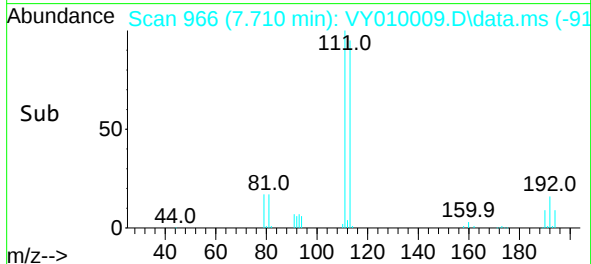


#35
 Dibromofluoromethane
 Concen: 45.244 ug/l
 RT: 7.710 min Scan# 910
 Delta R.T. -0.000 min
 Lab File: VY010009.D
 Acq: 14 Aug 2022 19:50

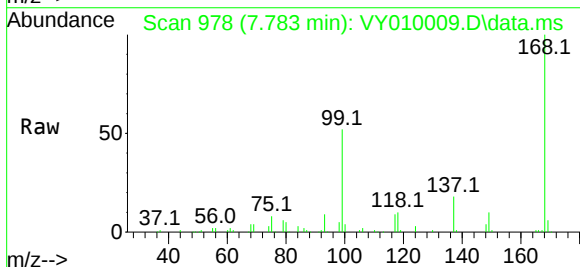
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB15



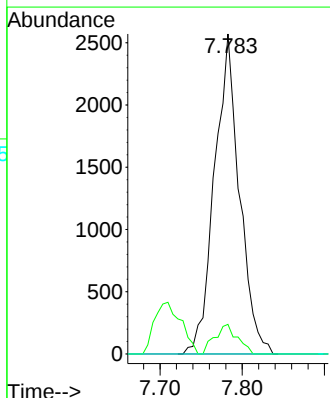
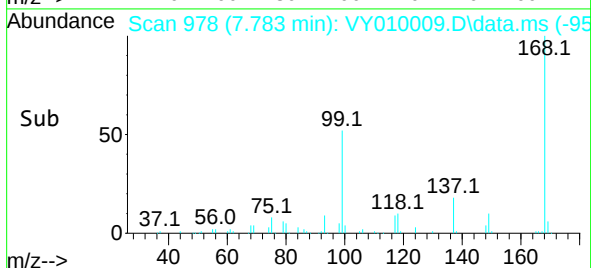
Tgt Ion:113 Resp: 40530
 Ion Ratio Lower Upper
 113 100
 111 103.7 80.6 120.8
 192 19.1 16.2 24.4

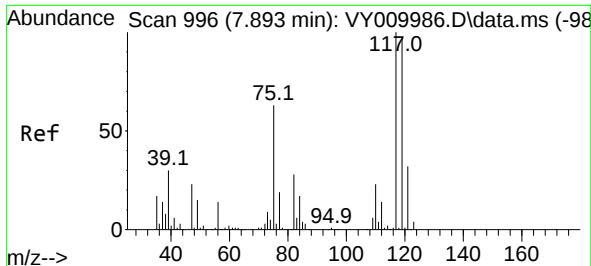


#36
 1,1-Dichloropropene
 Concen: 4.066 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.128 min
 Lab File: VY010009.D
 Acq: 14 Aug 2022 19:50



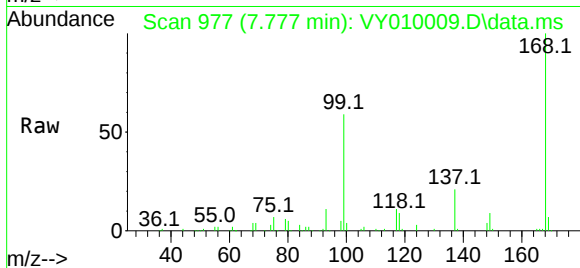
Tgt Ion: 75 Resp: 5424
 Ion Ratio Lower Upper
 75 100
 110 8.4 18.6 56.0#
 77 0.0 25.0 37.4#



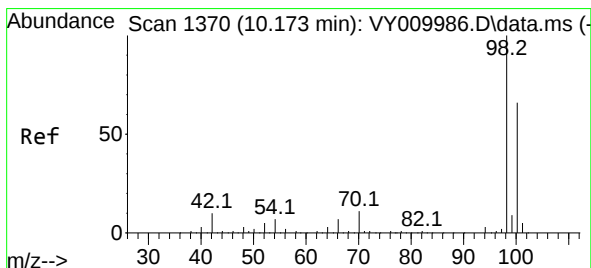
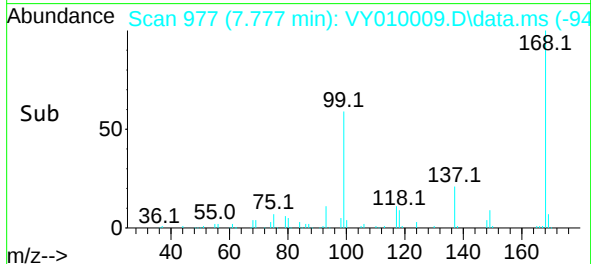
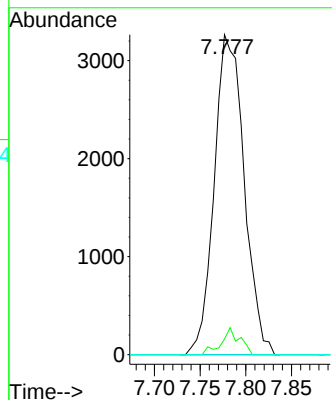


#38
Carbon Tetrachloride
Concen: 5.578 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY010009.D
Acq: 14 Aug 2022 19:50

Instrument :
MSVOA_Y
ClientSampleId :
SB15

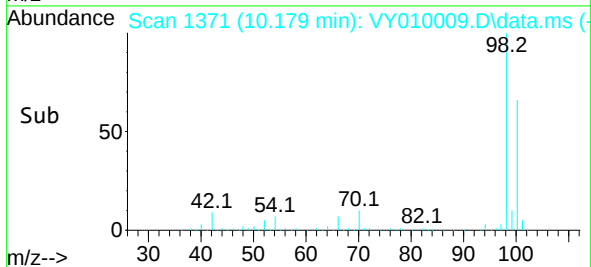
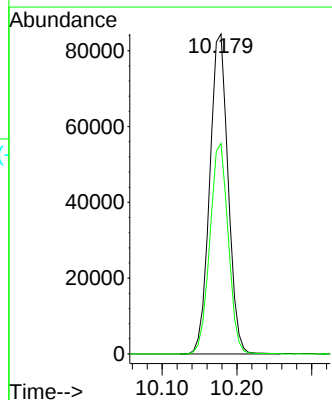
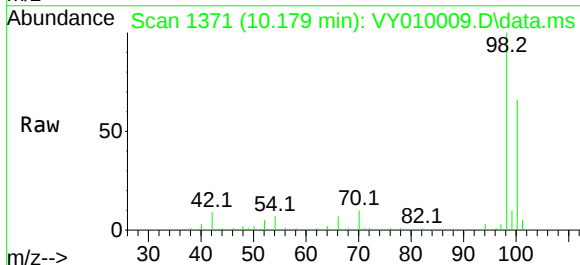


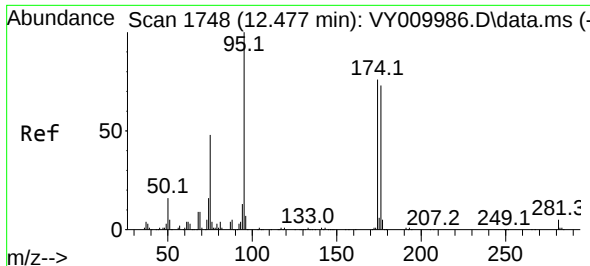
Tgt Ion:117 Resp: 7426
Ion Ratio Lower Upper
117 100
119 4.9 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 42.010 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010009.D
Acq: 14 Aug 2022 19:50

Tgt Ion: 98 Resp: 144197
Ion Ratio Lower Upper
98 100
100 65.8 52.9 79.3

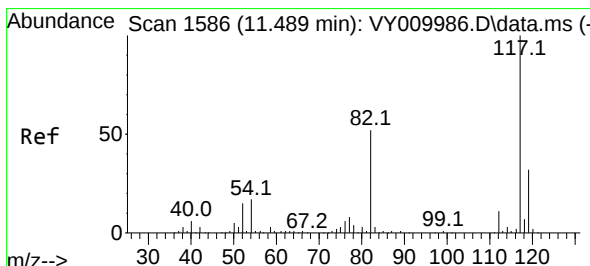
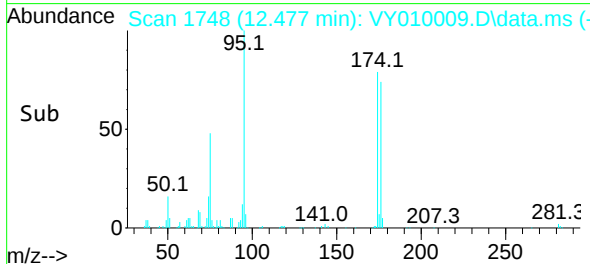
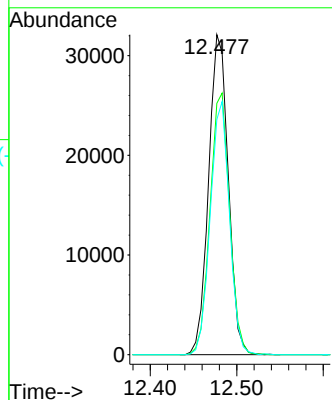
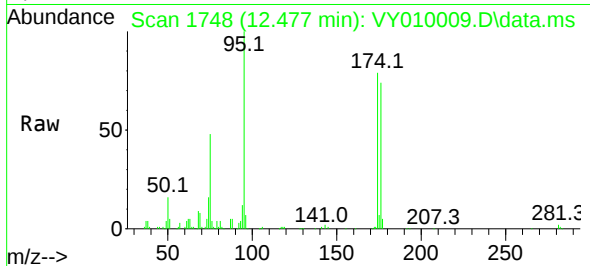




#62
4-Bromofluorobenzene
Concen: 40.258 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010009.D
Acq: 14 Aug 2022 19:50

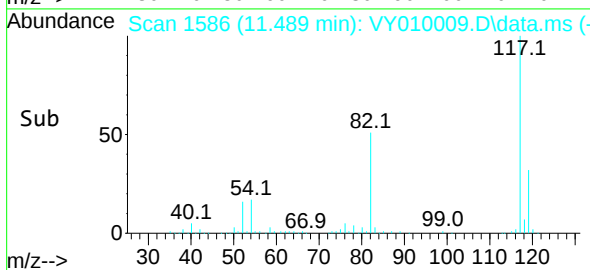
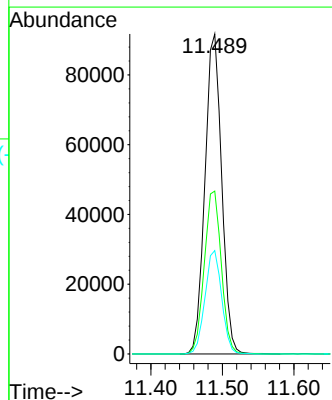
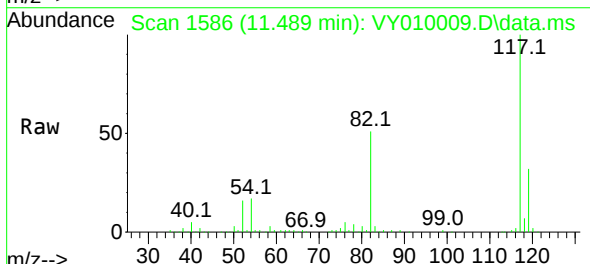
Instrument :
MSVOA_Y
ClientSampleId :
SB15

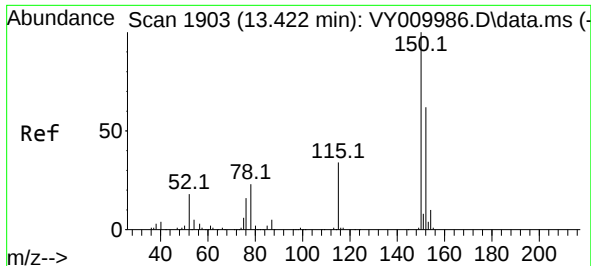
Tgt Ion: 95 Resp: 50628
Ion Ratio Lower Upper
95 100
174 81.3 0.0 173.8
176 77.1 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010009.D
Acq: 14 Aug 2022 19:50

Tgt Ion: 117 Resp: 149193
Ion Ratio Lower Upper
117 100
82 50.9 41.8 62.6
119 32.3 25.6 38.4

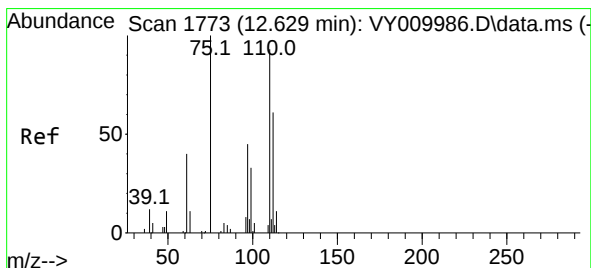
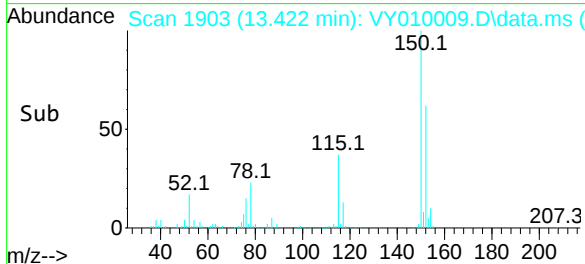
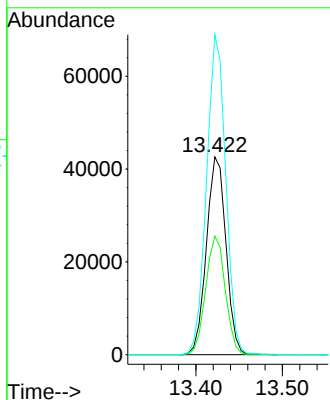
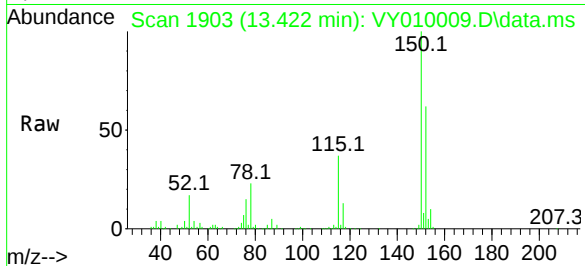




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY010009.D
Acq: 14 Aug 2022 19:50

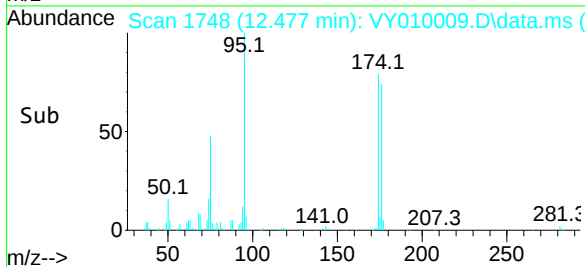
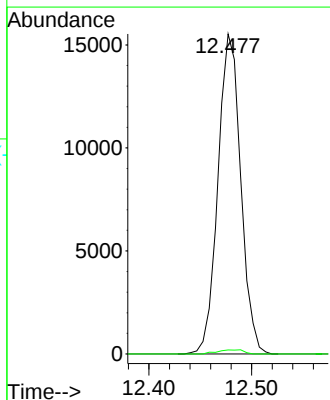
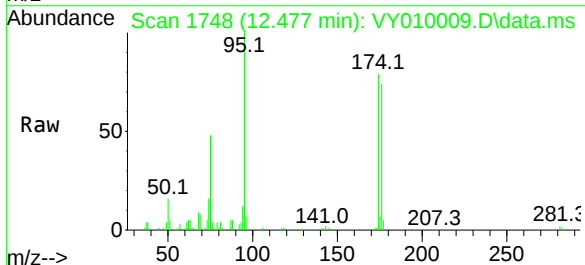
Instrument :
MSVOA_Y
ClientSampleId :
SB15

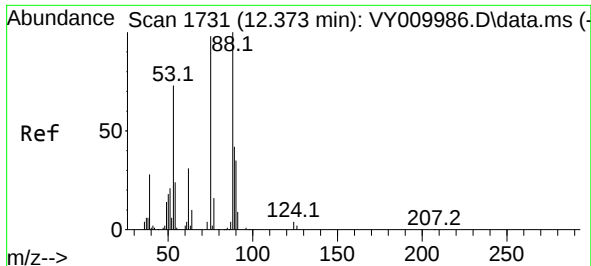
Tgt Ion:152 Resp: 66933
Ion Ratio Lower Upper
152 100
115 59.6 28.6 85.9
150 158.6 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 30.865 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY010009.D
Acq: 14 Aug 2022 19:50

Tgt Ion: 75 Resp: 23873
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#

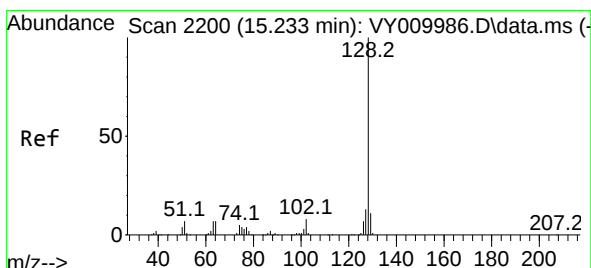
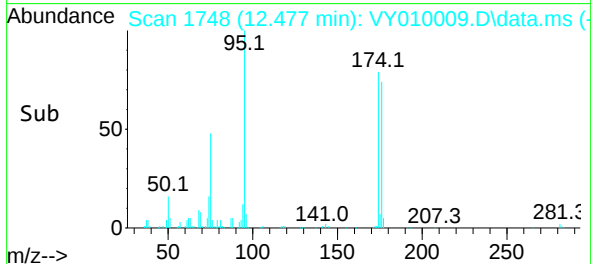
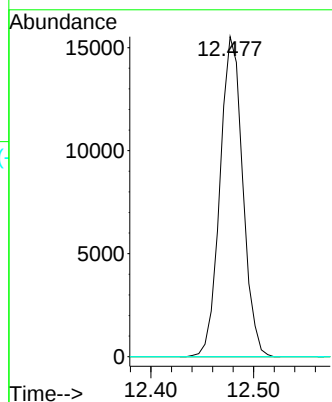
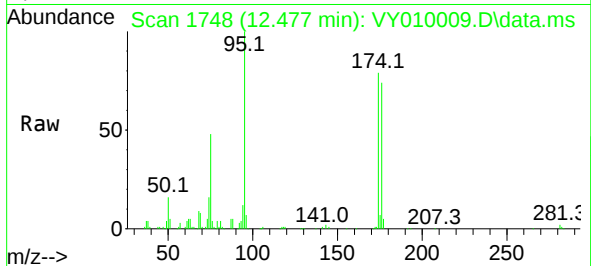




#81
trans-1,4-Dichloro-2-butene
Concen: 67.094 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY010009.D
Acq: 14 Aug 2022 19:50

Instrument :
MSVOA_Y
ClientSampleId :
SB15

Tgt Ion: 75 Resp: 23873
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 38.1 57.1#



#95
Naphthalene
Concen: 3.126 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY010009.D
Acq: 14 Aug 2022 19:50

Tgt Ion:128 Resp: 159
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.8 13.2#

