

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY080922.D
 Acq On : 09 Aug 2022 16:10
 Operator : KP/MD
 Sample : N4091-07
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PSC-124042

Quant Time: Aug 09 23:07:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

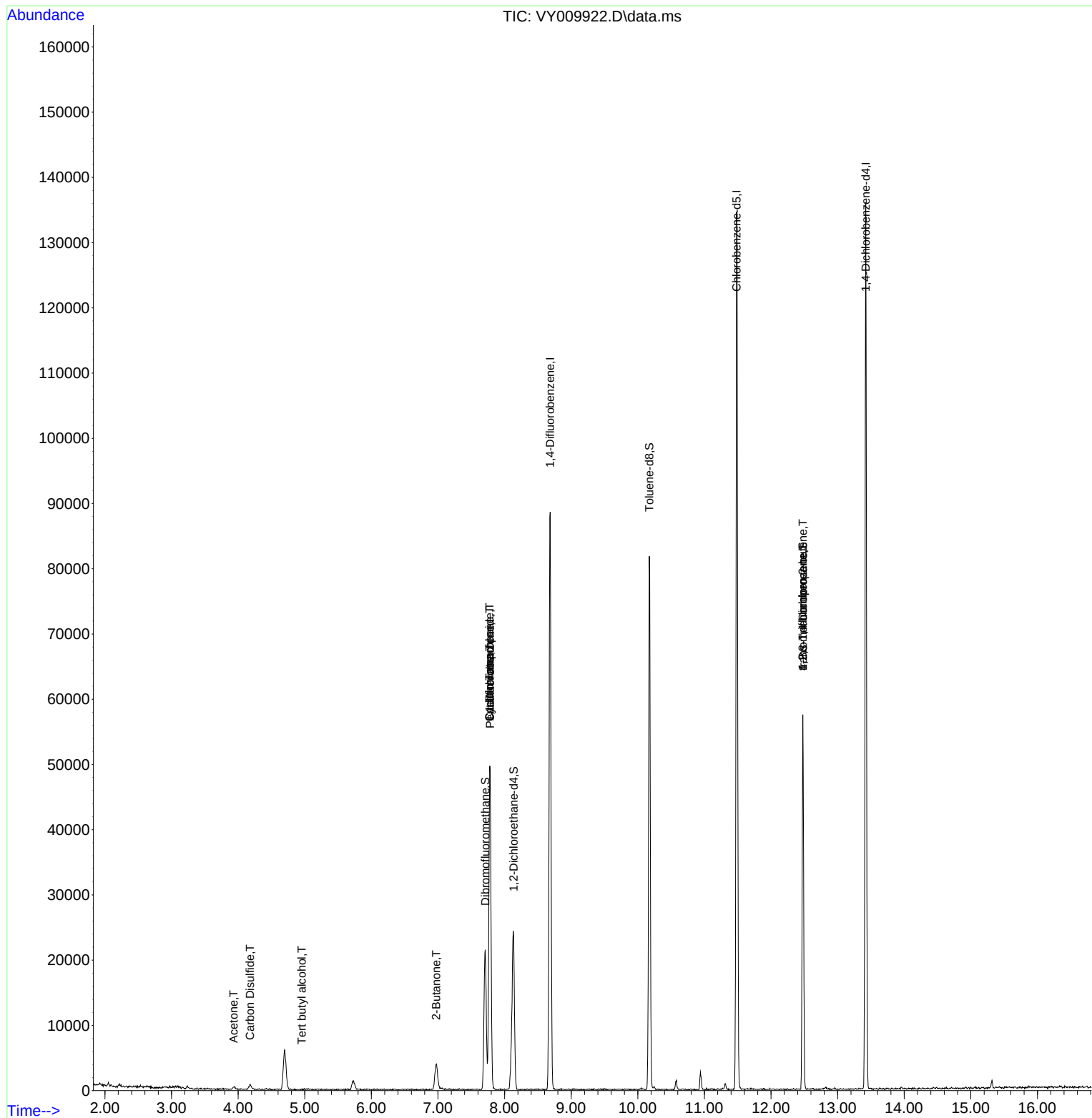
Internal Standards						
1) Pentafluorobenzene	7.783	168	37506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	75185	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	72785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	32271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	16506	57.023	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.040%			
35) Dibromofluoromethane	7.710	113	15783	38.671	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 77.340%			
50) Toluene-d8	10.173	98	52744	41.522	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 83.040%			
62) 4-Bromofluorobenzene	12.477	95	17030	29.884	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 59.760%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.954	59	46	1.082	ug/l #	78
16) Acetone	3.930	43	409	3.866	ug/l	96
17) Carbon Disulfide	4.180	76	1422	1.251	ug/l #	76
18) Methyl Acetate	4.479	43	40	Below Cal	#	52
20) Methylene Chloride	4.704	84	4329	Below Cal	#	81
25) 2-Butanone	6.972	43	238	1.366	ug/l #	48
31) Cyclohexane	7.777	56	827	1.136	ug/l #	21
36) 1,1-Dichloropropene	7.777	75	3122	4.533	ug/l #	47
38) Carbon Tetrachloride	7.777	117	3921	5.737	ug/l #	18
76) 1,2,3-Trichloropropane	12.477	75	8803	24.932	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	8803	50.408	ug/l #	13

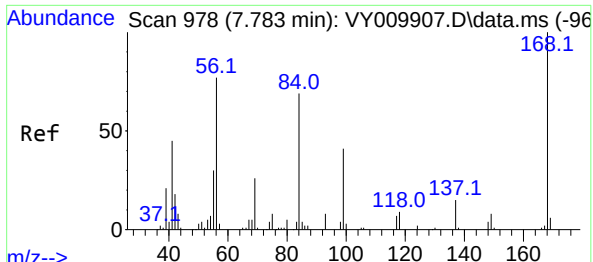
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
Data File : VY080922.D
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Sample : N4091-07
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PSC-124042

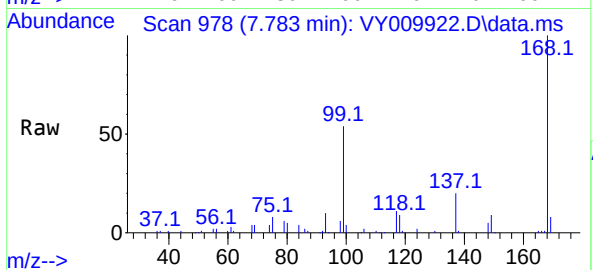
Quant Time: Aug 09 23:07:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
Quant Title : SW846 8260
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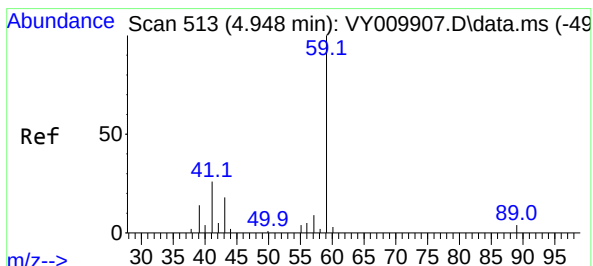
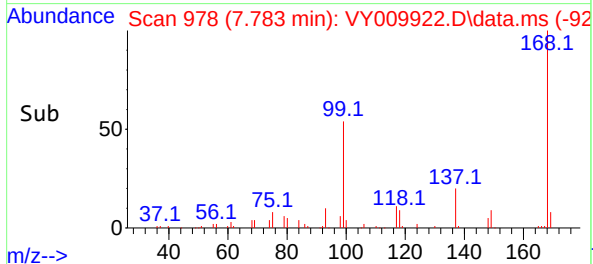
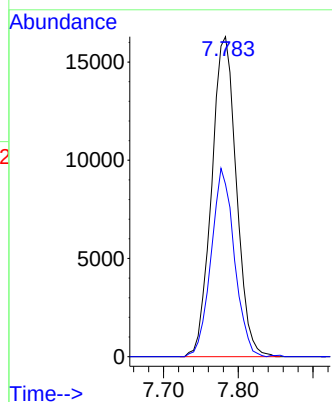


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009922.D
Acq: 09 Aug 2022 16:10

Instrument :
MSVOA_Y
ClientSampleId :
PSC-124042

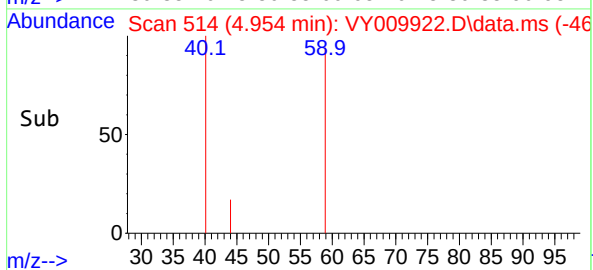
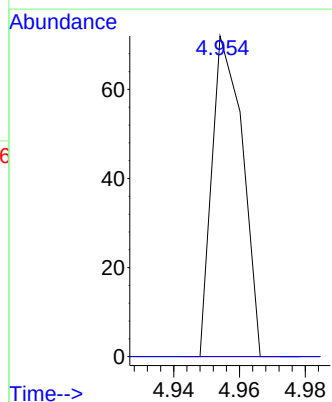
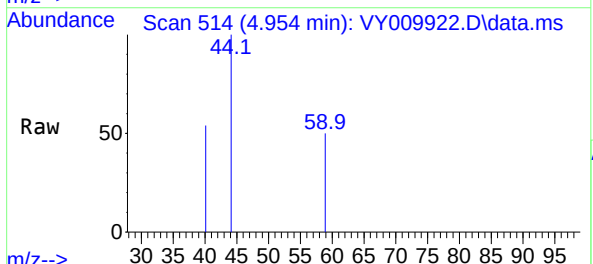


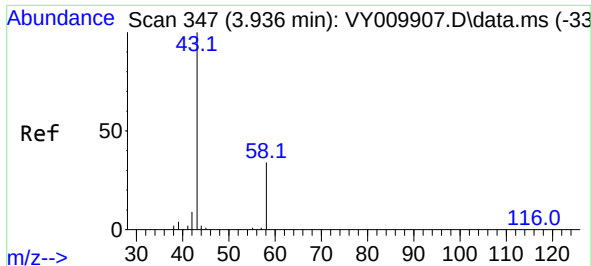
Tgt Ion:168 Resp: 37506
Ion Ratio Lower Upper
168 100
99 53.9 42.1 63.1



#11
Tert butyl alcohol
Concen: 1.082 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY009922.D
Acq: 09 Aug 2022 16:10

Tgt Ion: 59 Resp: 46
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#

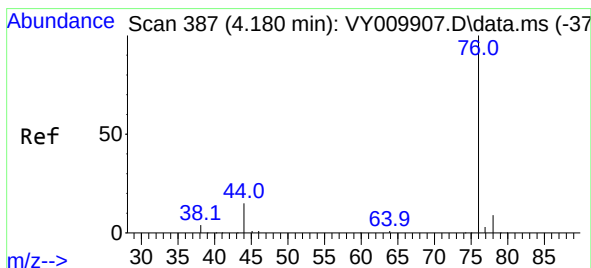
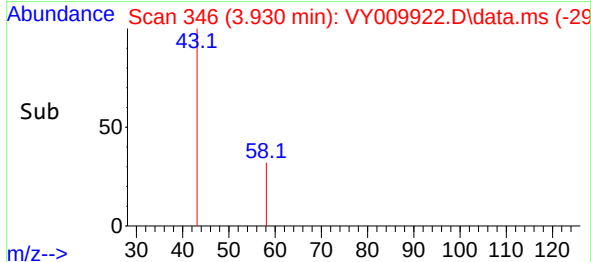
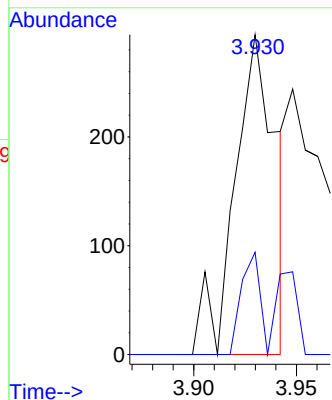
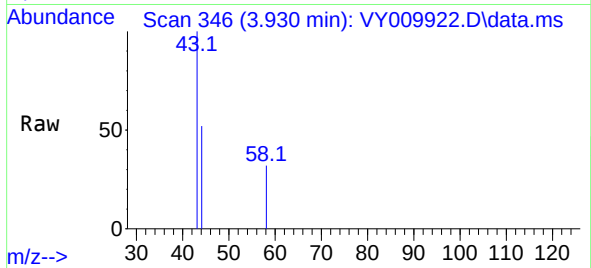




#16
Acetone
Concen: 3.866 ug/l
RT: 3.930 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY009922.D
Acq: 09 Aug 2022 16:10

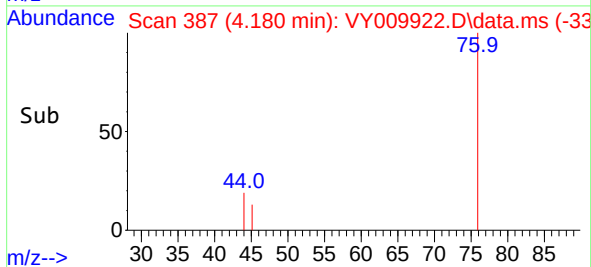
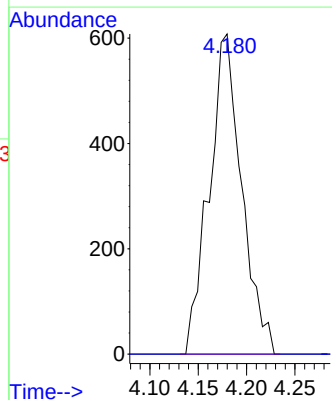
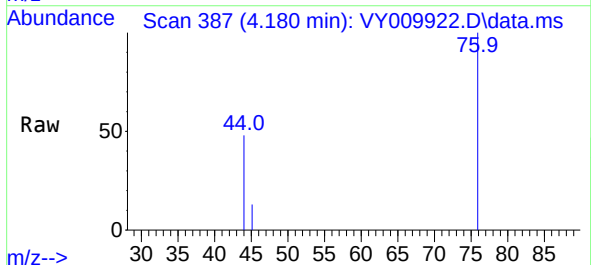
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124042

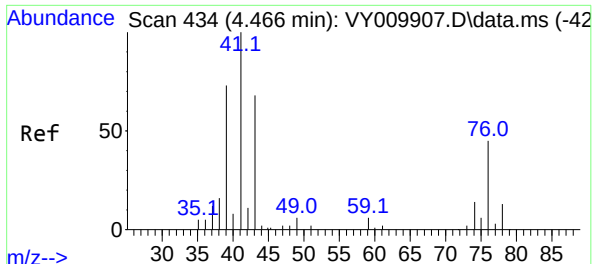
Tgt Ion: 43 Resp: 409
Ion Ratio Lower Upper
43 100
58 32.0 24.0 36.0



#17
Carbon Disulfide
Concen: 1.251 ug/l
RT: 4.180 min Scan# 387
Delta R.T. 0.007 min
Lab File: VY009922.D
Acq: 09 Aug 2022 16:10

Tgt Ion: 76 Resp: 1422
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#

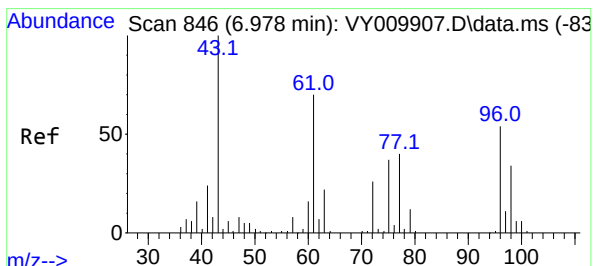
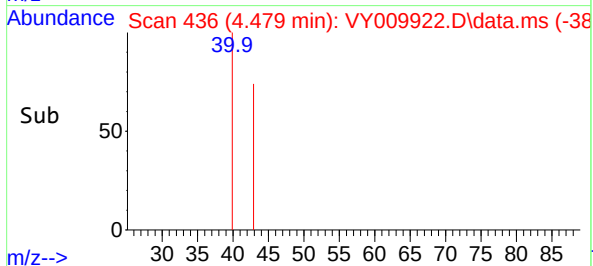
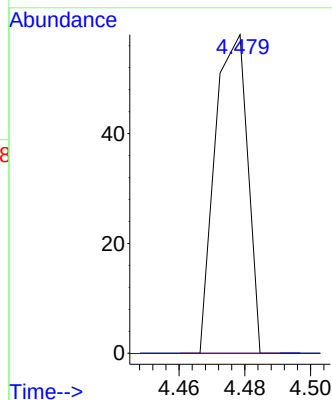
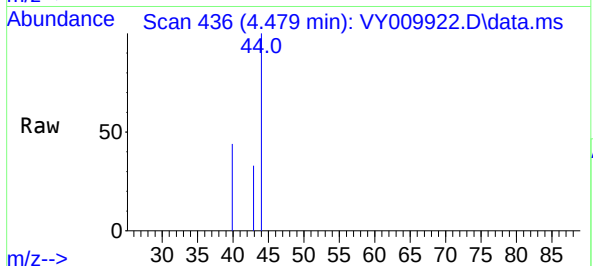




#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY009922.D
Acq: 09 Aug 2022 16:10

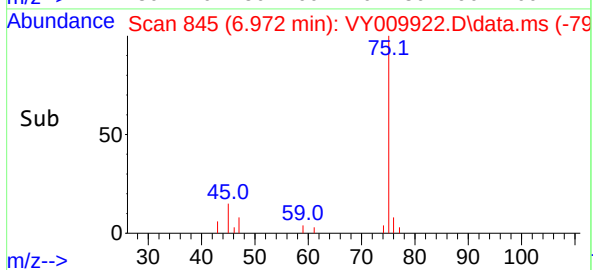
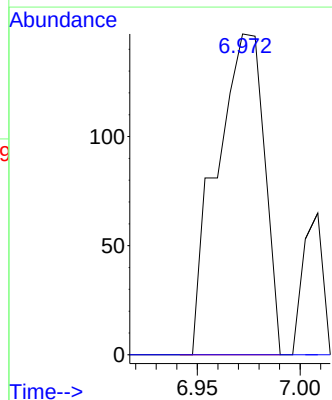
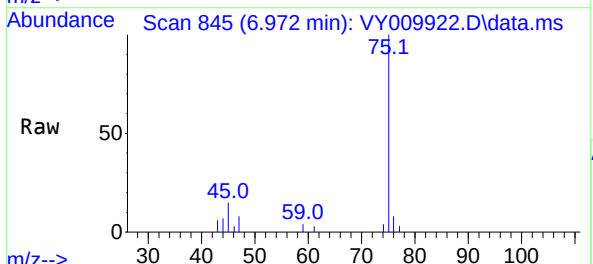
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124042

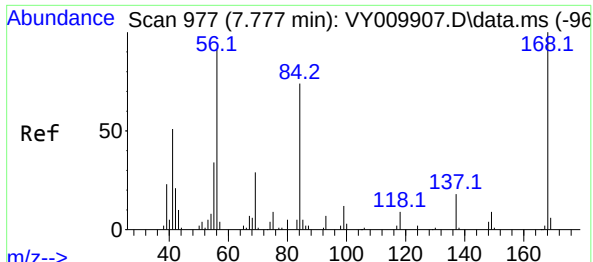
Tgt Ion: 43 Resp: 40
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#



#25
2-Butanone
Concen: 1.366 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY009922.D
Acq: 09 Aug 2022 16:10

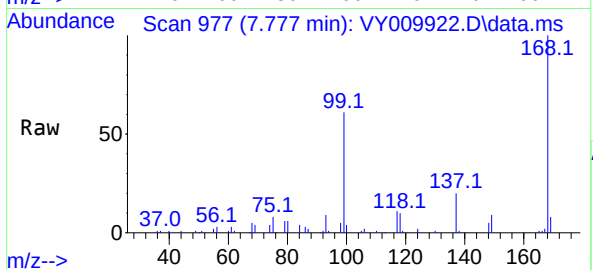
Tgt Ion: 43 Resp: 238
Ion Ratio Lower Upper
43 100
72 0.0 21.5 32.3#



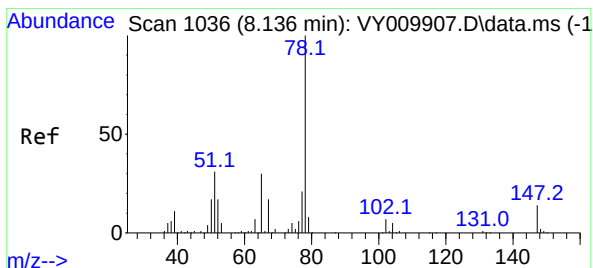
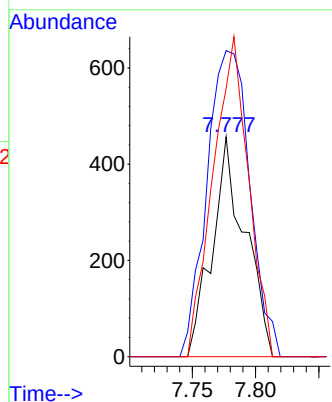
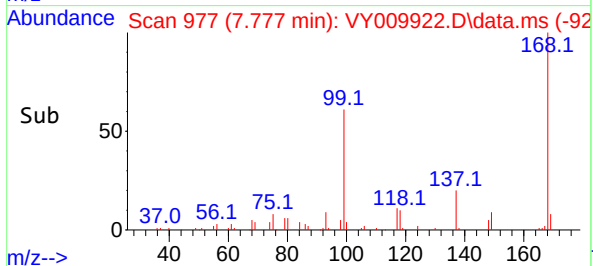


#31
Cyclohexane
Concen: 1.136 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009922.D
Acq: 09 Aug 2022 16:10

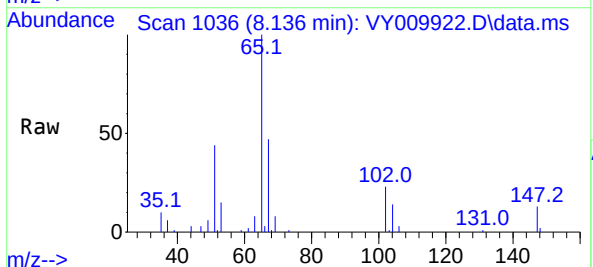
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124042



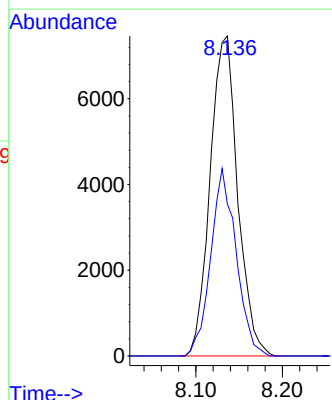
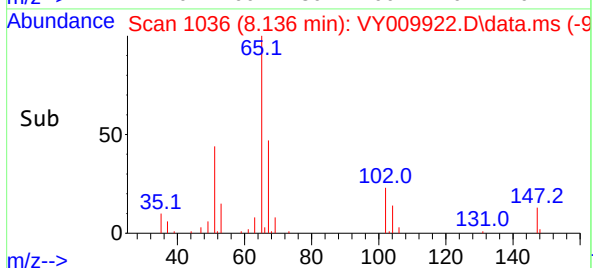
Tgt Ion: 56 Resp: 827
Ion Ratio Lower Upper
56 100
69 139.2 26.0 39.0#
84 121.9 69.5 104.3#

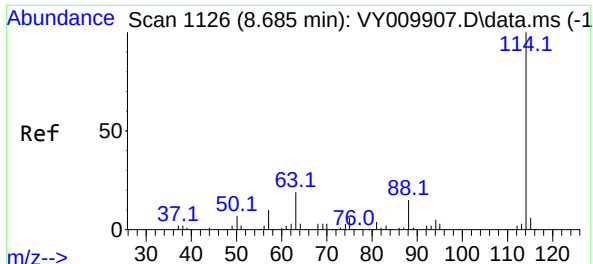


#33
1,2-Dichloroethane-d4
Concen: 57.023 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY009922.D
Acq: 09 Aug 2022 16:10



Tgt Ion: 65 Resp: 16506
Ion Ratio Lower Upper
65 100
67 54.0 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: VY009922.D

Acq: 09 Aug 2022 16:10

Instrument :

MSVOA_Y

ClientSampleId :

PSC-124042

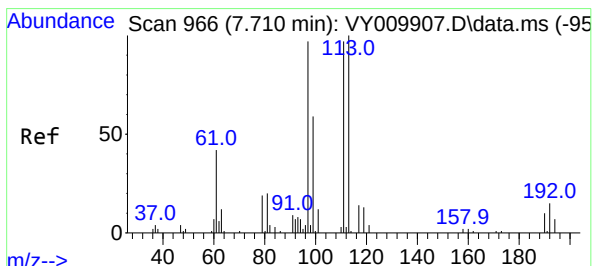
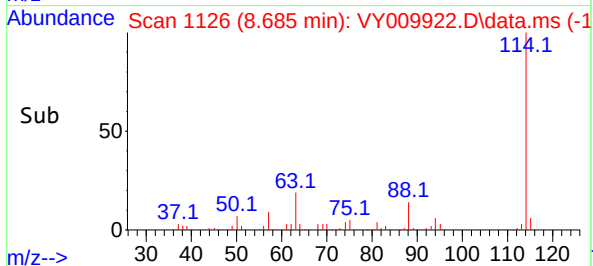
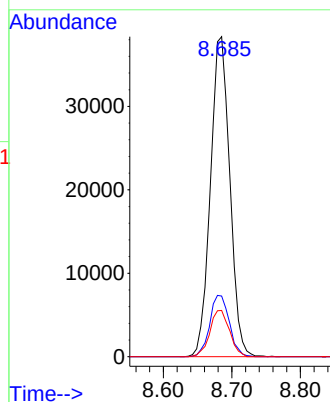
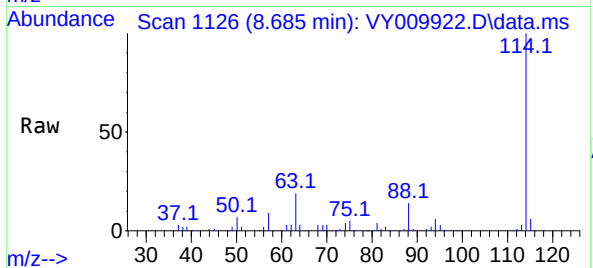
Tgt Ion:114 Resp: 75185

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.0

88 14.4 0.0 30.0



#35

Dibromofluoromethane

Concen: 38.671 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.001 min

Lab File: VY009922.D

Acq: 09 Aug 2022 16:10

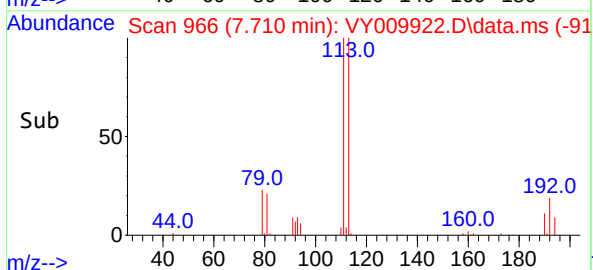
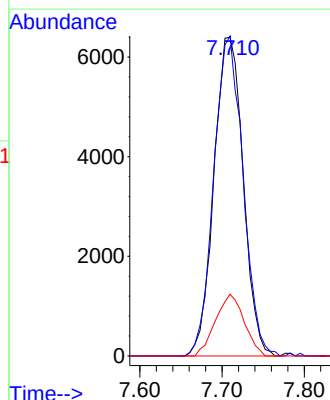
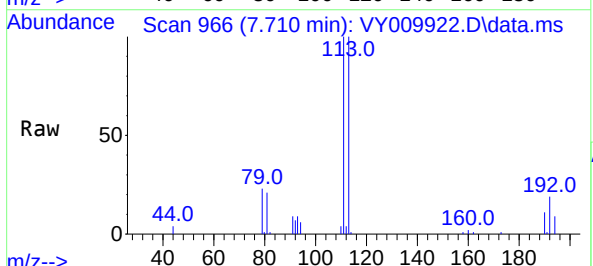
Tgt Ion:113 Resp: 15783

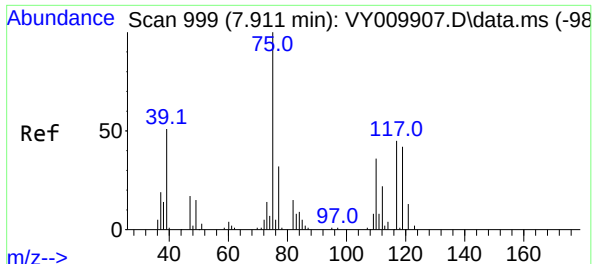
Ion Ratio Lower Upper

113 100

111 100.2 80.6 120.8

192 19.0 16.2 24.4





#36

1,1-Dichloropropene

Concen: 4.533 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY009922.D

Acq: 09 Aug 2022 16:10

Instrument :

MSVOA_Y

ClientSampleId :

PSC-124042

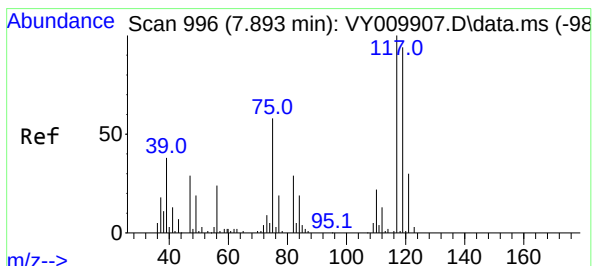
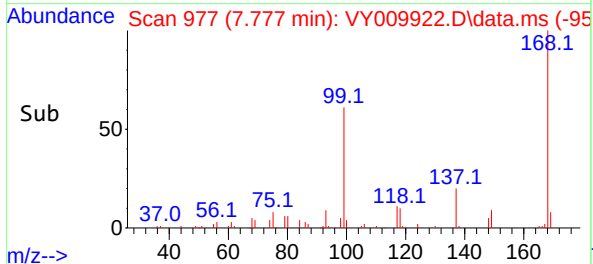
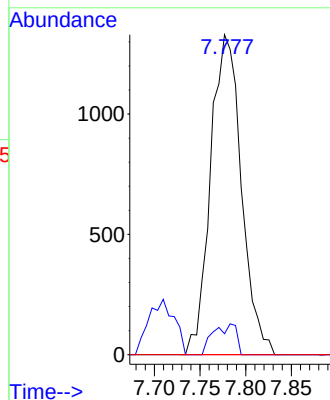
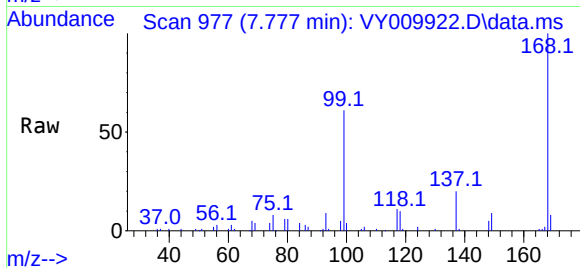
Tgt Ion: 75 Resp: 3122

Ion Ratio Lower Upper

75 100

110 7.2 18.6 56.0#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.737 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.115 min

Lab File: VY009922.D

Acq: 09 Aug 2022 16:10

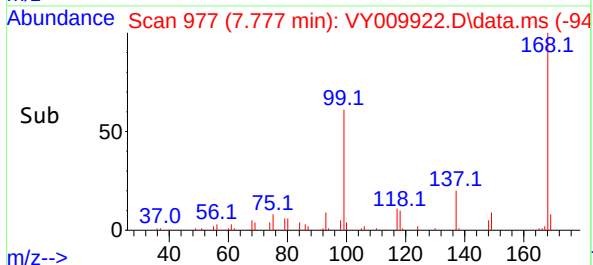
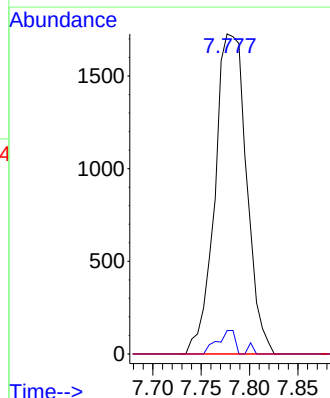
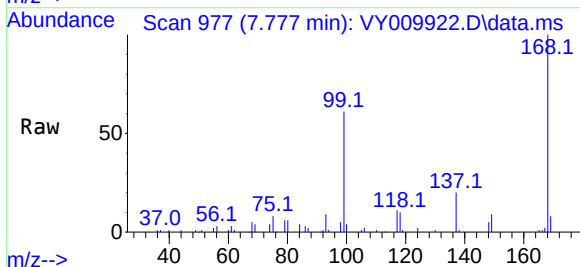
Tgt Ion: 117 Resp: 3921

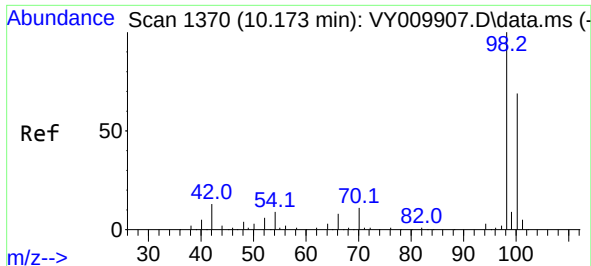
Ion Ratio Lower Upper

117 100

119 7.3 75.9 113.9#

121 0.0 24.9 37.3#

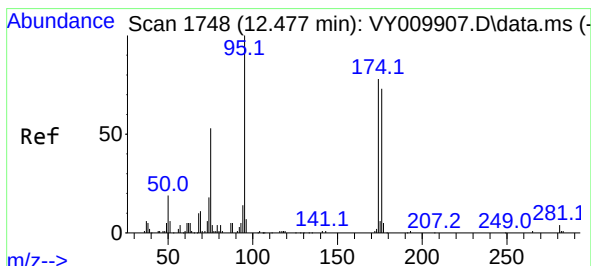
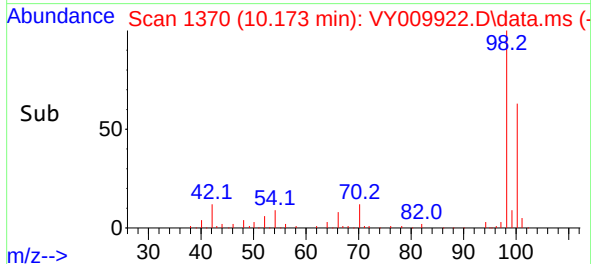
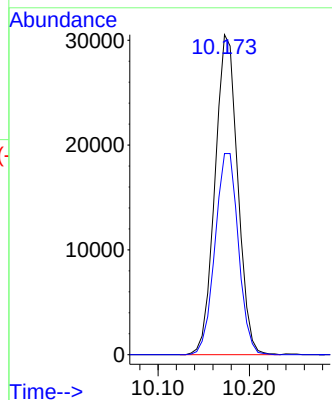
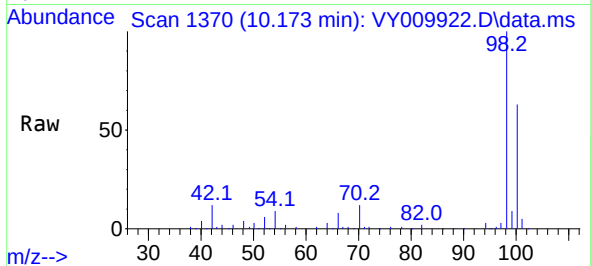




#50
Toluene-d8
Concen: 41.522 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009922.D
Acq: 09 Aug 2022 16:10

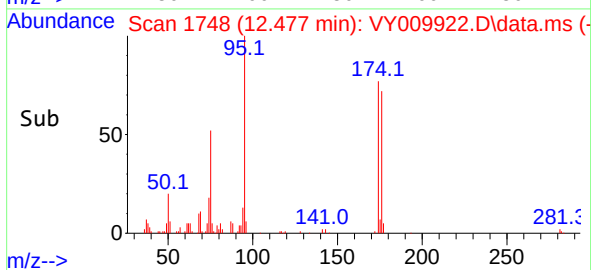
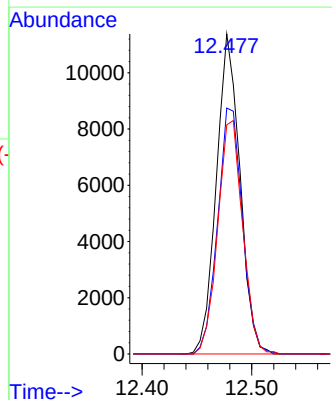
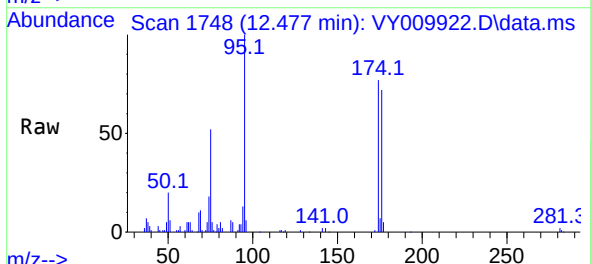
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124042

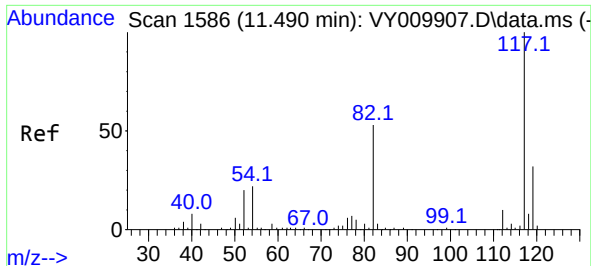
Tgt Ion: 98 Resp: 52744
Ion Ratio Lower Upper
98 100
100 64.7 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 29.884 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009922.D
Acq: 09 Aug 2022 16:10

Tgt Ion: 95 Resp: 17030
Ion Ratio Lower Upper
95 100
174 80.7 0.0 173.8
176 77.0 0.0 167.0

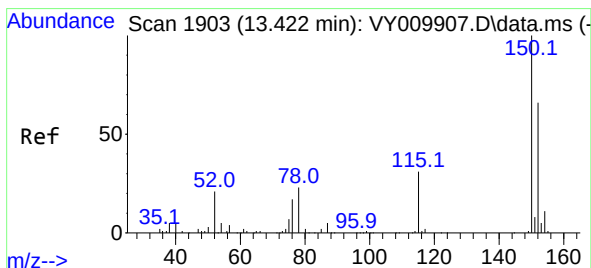
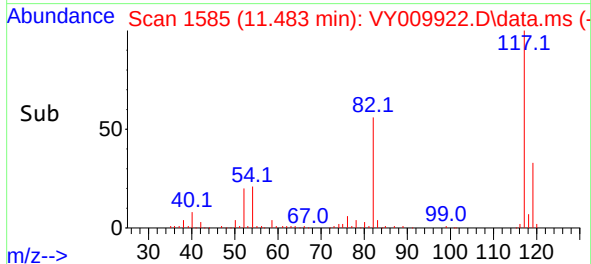
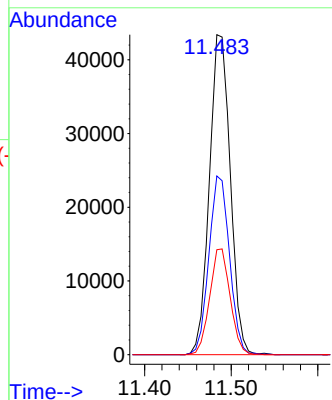
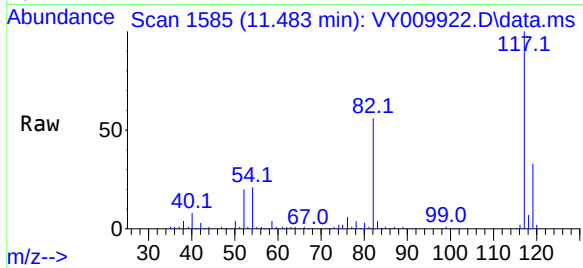




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009922.D
Acq: 09 Aug 2022 16:10

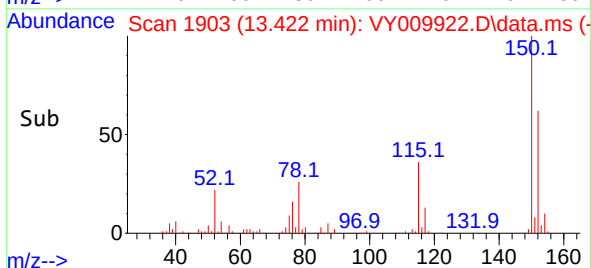
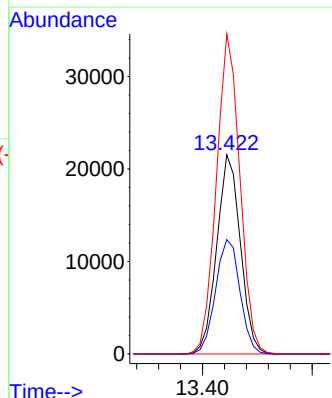
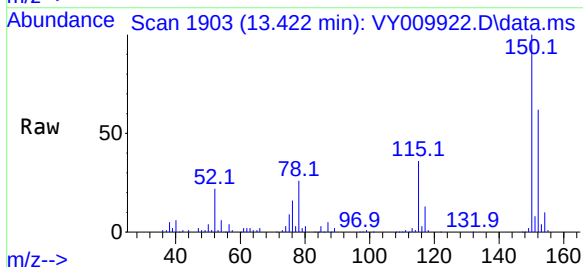
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124042

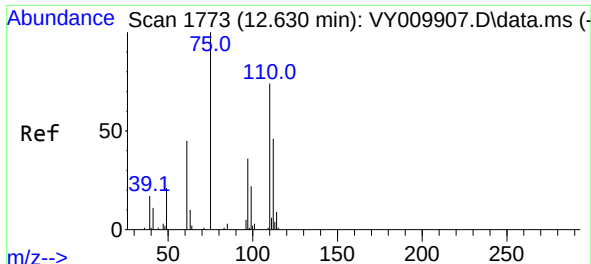
Tgt Ion:	117	Resp:	72785
Ion	Ratio	Lower	Upper
117	100		
82	55.9	41.8	62.6
119	32.8	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009922.D
Acq: 09 Aug 2022 16:10

Tgt Ion:	152	Resp:	32271
Ion	Ratio	Lower	Upper
152	100		
115	59.3	28.6	85.9
150	160.0	0.0	349.8

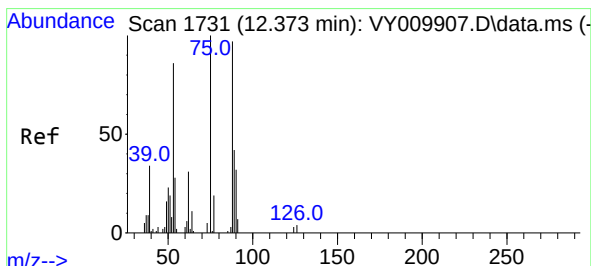
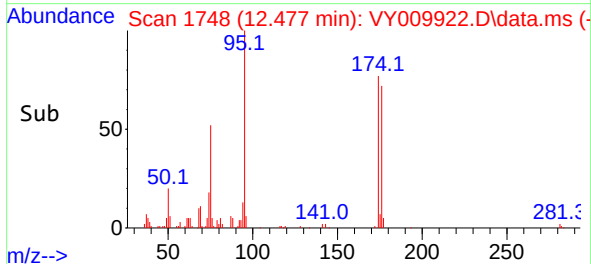
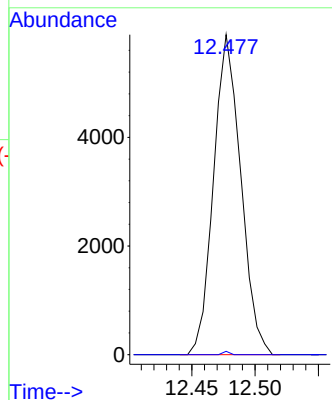
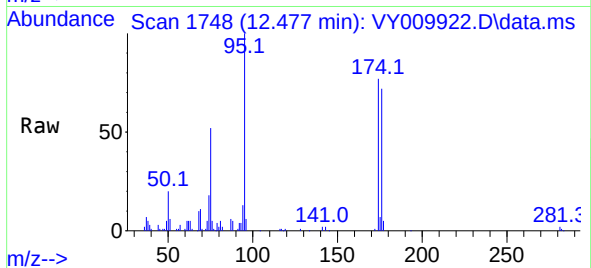




#76
1,2,3-Trichloropropane
Concen: 24.932 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009922.D
Acq: 09 Aug 2022 16:10

Instrument :
MSVOA_Y
ClientSampleId :
PSC-124042

Tgt Ion: 75 Resp: 8803
Ion Ratio Lower Upper
75 100
77 0.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 50.408 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009922.D
Acq: 09 Aug 2022 16:10

Tgt Ion: 75 Resp: 8803
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 38.1 57.1#

