

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009927.D
 Acq On : 09 Aug 2022 18:10
 Operator : KP/MD
 Sample : N4101-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-8-8

Quant Time: Aug 09 23:08:43 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	61517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	128309	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	138191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	64795	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	26309	55.231	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.460%
35) Dibromofluoromethane	7.704	113	23969	34.413	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	68.820%
50) Toluene-d8	10.173	98	90177	41.613	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	83.220%
62) 4-Bromofluorobenzene	12.477	95	31643	32.536	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	65.080%

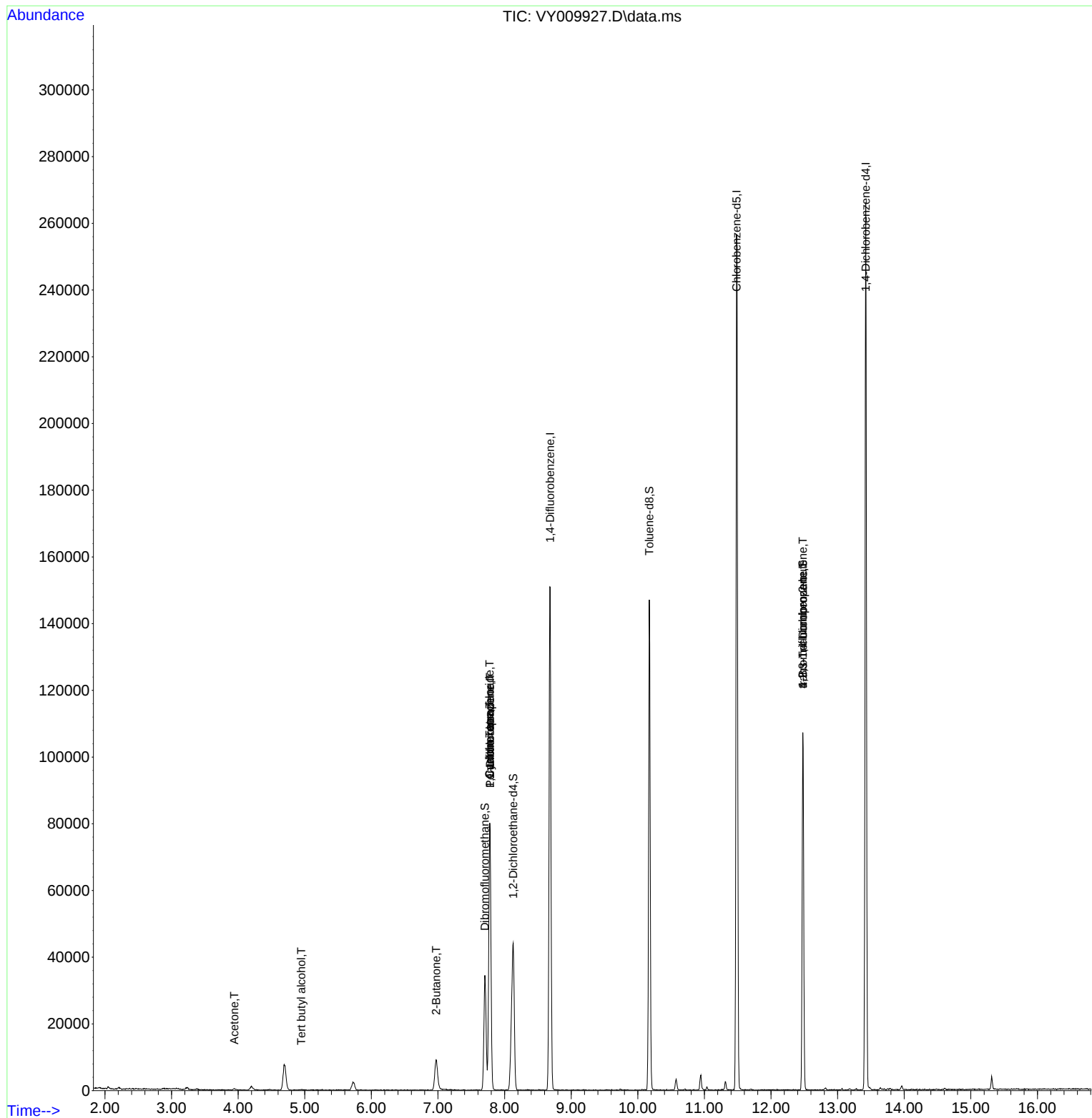
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.948	59	264	3.785	ug/l #	78
16) Acetone	3.942	43	689	3.971	ug/l	98
18) Methyl Acetate	4.454	43	152	Below Cal	#	52
20) Methylene Chloride	4.698	84	5740	Below Cal		92
25) 2-Butanone	6.972	43	515	1.802	ug/l #	48
31) Cyclohexane	7.777	56	1428	1.196	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	5065	4.310	ug/l #	48
38) Carbon Tetrachloride	7.777	117	6246	5.355	ug/l #	18
76) 1,2,3-Trichloropropane	12.477	75	16439	23.189	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	16439	46.883	ug/l #	13

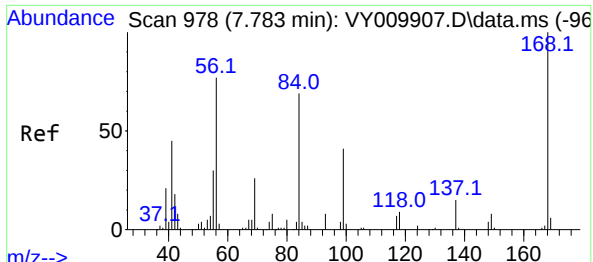
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
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ALS Vial : 21 Sample Multiplier: 1

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MSVOA_Y
ClientSampleId :
TP1-8-8

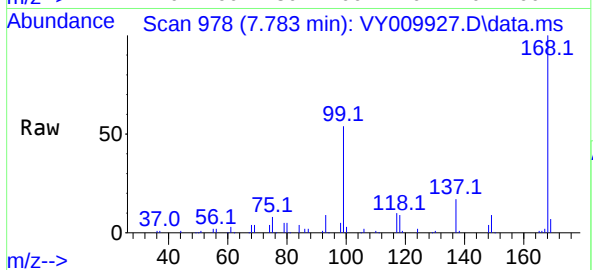
Quant Time: Aug 09 23:08:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 08 17:55:50 2022
Response via : Initial Calibration



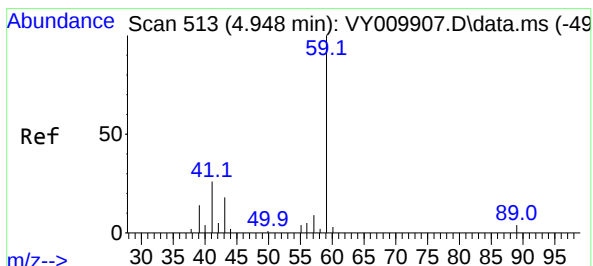
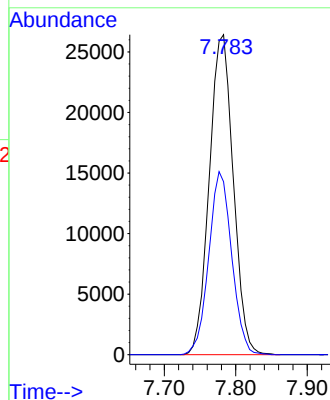
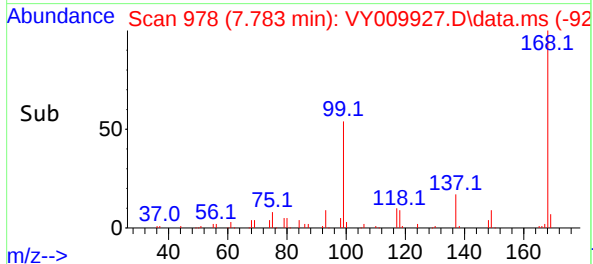


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009927.D
Acq: 09 Aug 2022 18:10

Instrument :
MSVOA_Y
ClientSampleId :
TP1-8-8

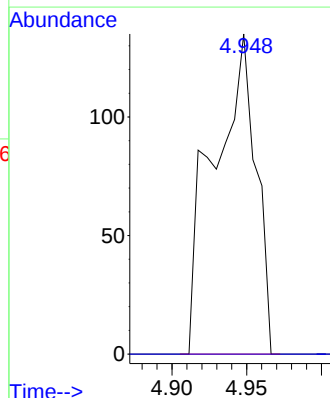
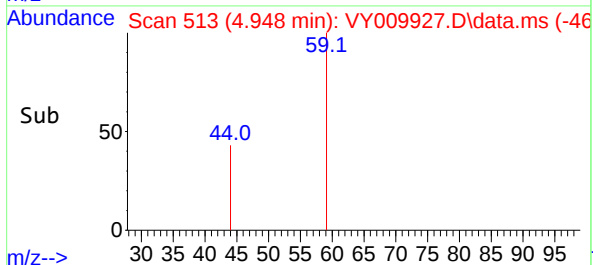
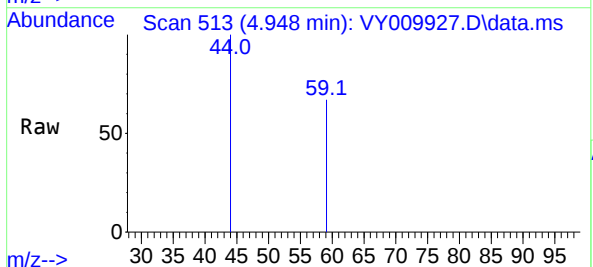


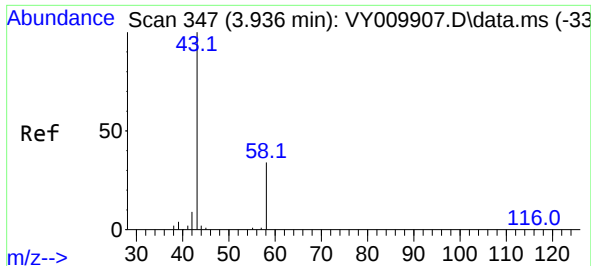
Tgt Ion:168 Resp: 61517
Ion Ratio Lower Upper
168 100
99 54.1 42.1 63.1



#11
Tert butyl alcohol
Concen: 3.785 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY009927.D
Acq: 09 Aug 2022 18:10

Tgt Ion: 59 Resp: 264
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#

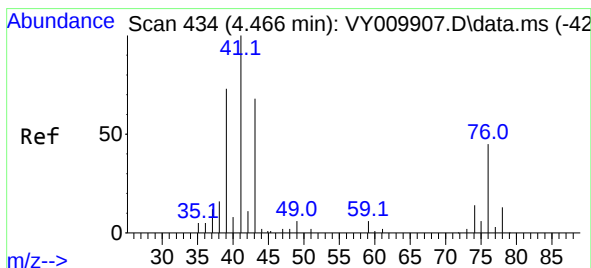
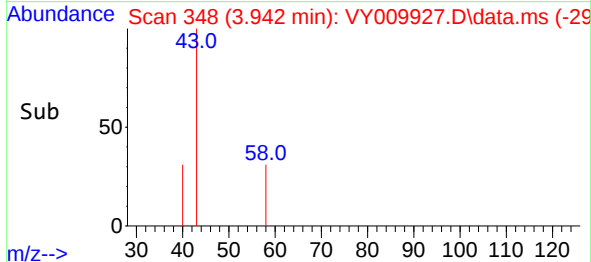
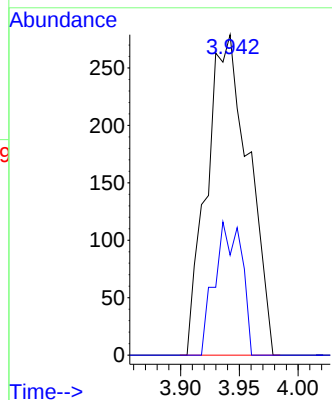
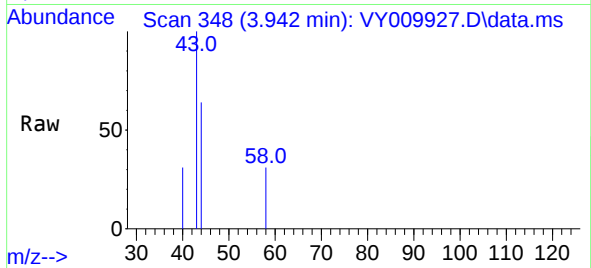




#16
Acetone
Concen: 3.971 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY009927.D
Acq: 09 Aug 2022 18:10

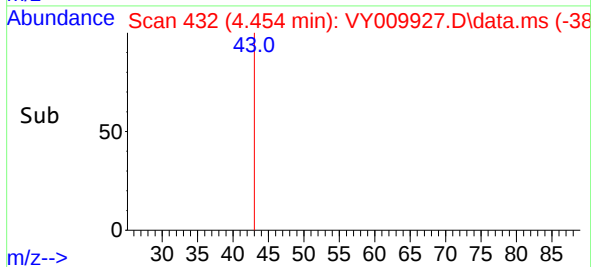
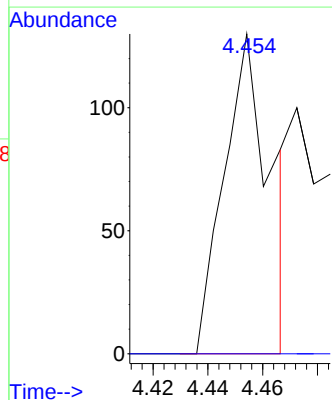
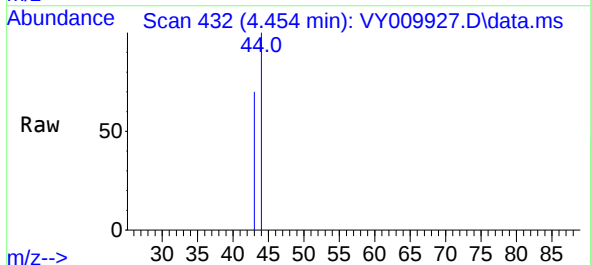
Instrument :
MSVOA_Y
ClientSampleId :
TP1-8-8

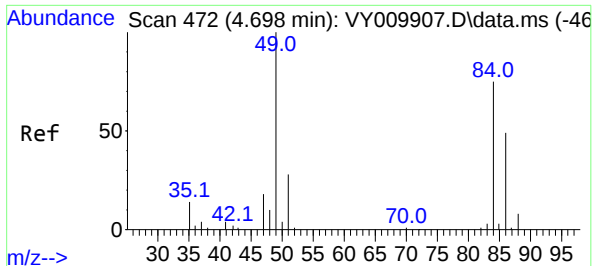
Tgt Ion: 43 Resp: 689
Ion Ratio Lower Upper
43 100
58 31.2 24.0 36.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.454 min Scan# 432
Delta R.T. -0.012 min
Lab File: VY009927.D
Acq: 09 Aug 2022 18:10

Tgt Ion: 43 Resp: 152
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#



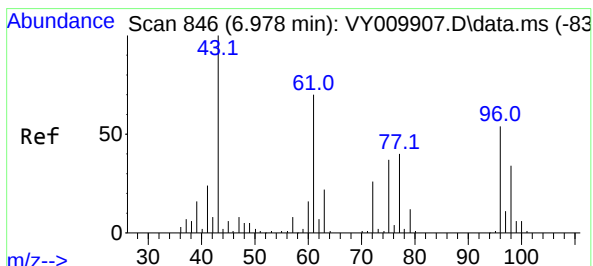
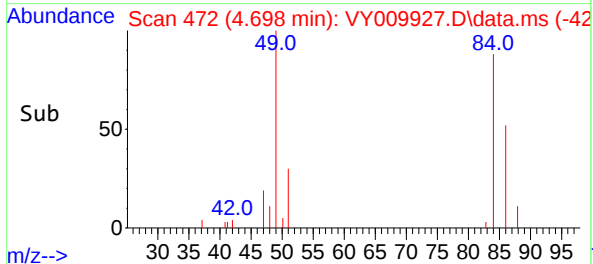
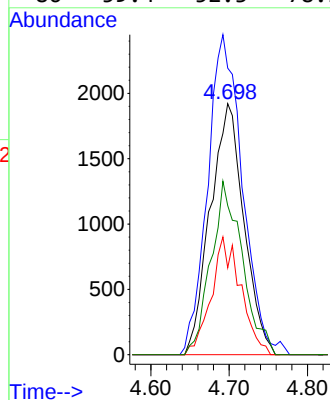
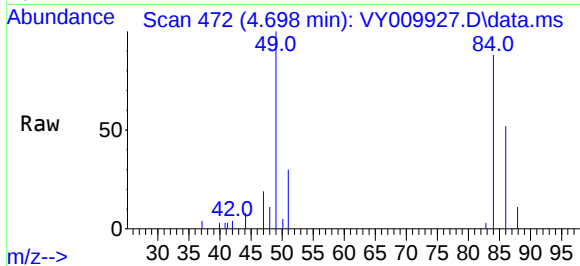


#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009927.D
Acq: 09 Aug 2022 18:10

Instrument :
MSVOA_Y
ClientSampleId :
TP1-8-8

Tgt Ion: 84 Resp: 5740

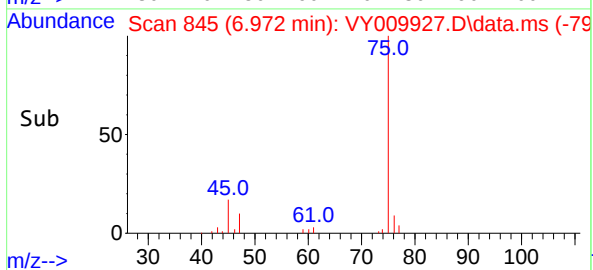
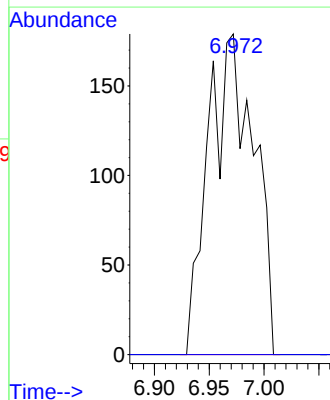
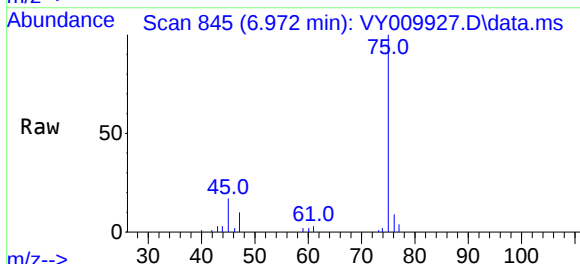
Ion	Ratio	Lower	Upper
84	100		
49	114.2	98.2	147.4
51	34.6	33.4	50.0
86	59.4	52.3	78.5

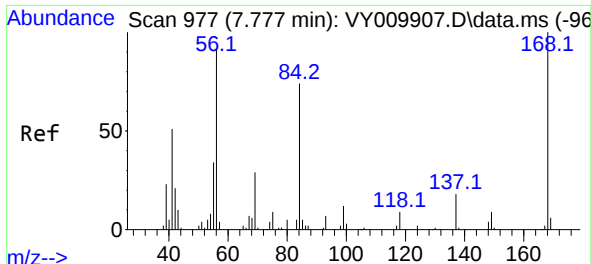


#25
2-Butanone
Concen: 1.802 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY009927.D
Acq: 09 Aug 2022 18:10

Tgt Ion: 43 Resp: 515

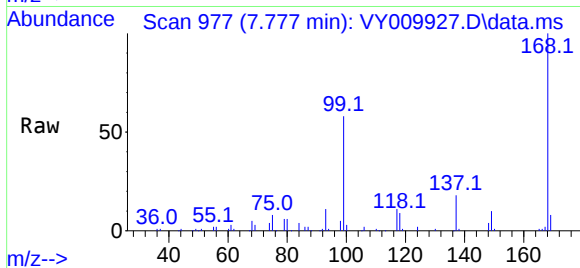
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.5	32.3#



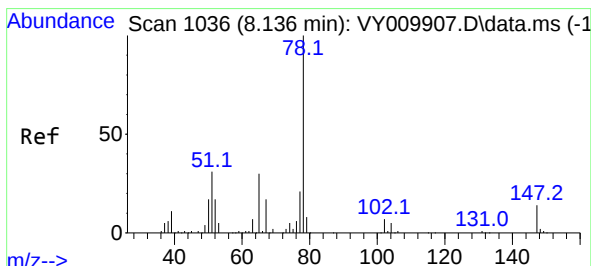
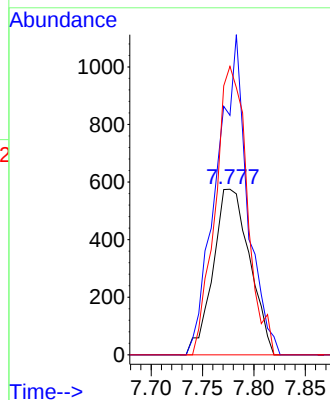
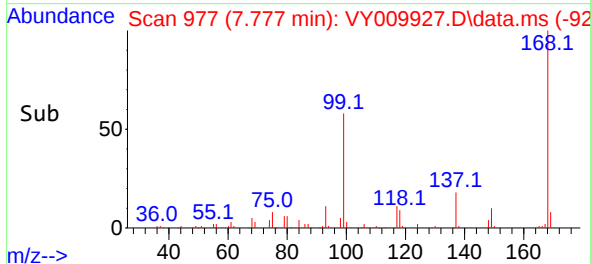


#31
Cyclohexane
Concen: 1.196 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009927.D
Acq: 09 Aug 2022 18:10

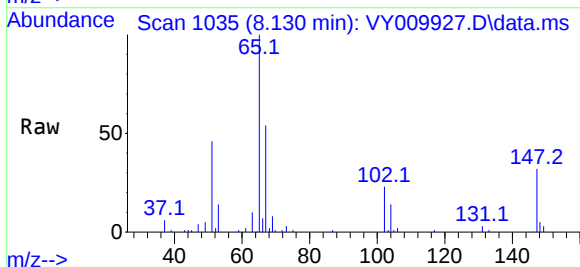
Instrument :
MSVOA_Y
ClientSampleId :
TP1-8-8



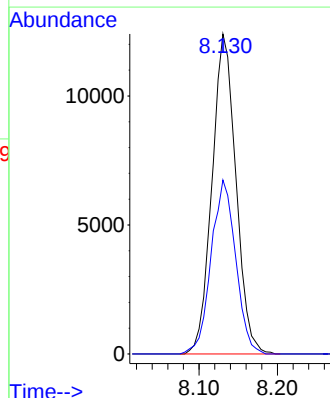
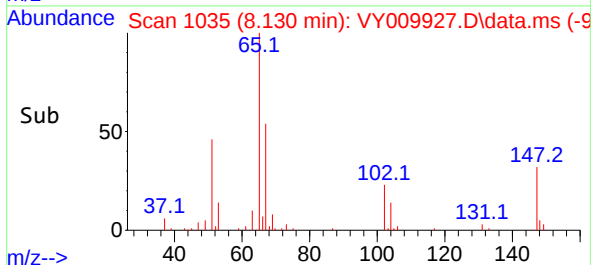
Tgt Ion: 56 Resp: 1428
Ion Ratio Lower Upper
56 100
69 144.7 26.0 39.0#
84 174.3 69.5 104.3#

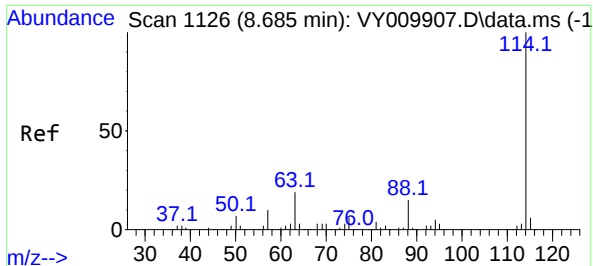


#33
1,2-Dichloroethane-d4
Concen: 55.231 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY009927.D
Acq: 09 Aug 2022 18:10



Tgt Ion: 65 Resp: 26309
Ion Ratio Lower Upper
65 100
67 55.8 0.0 108.4

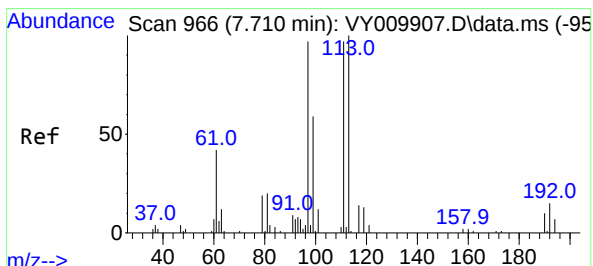
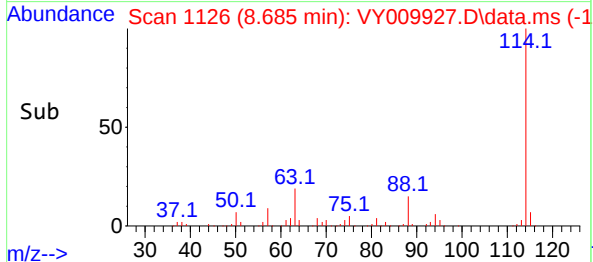
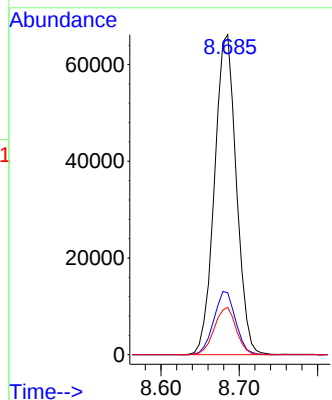
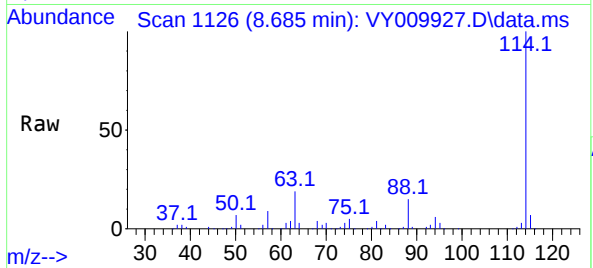




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009927.D
Acq: 09 Aug 2022 18:10

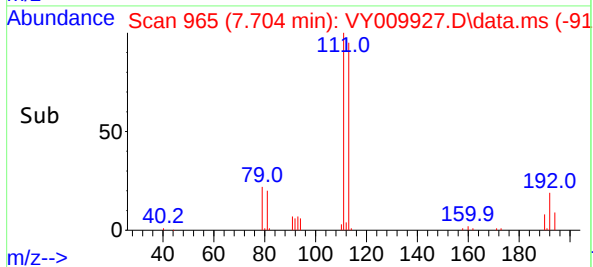
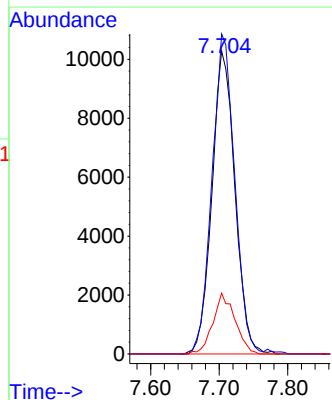
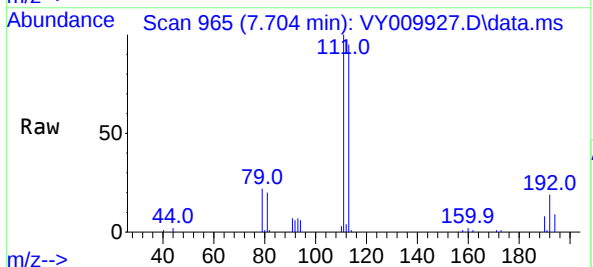
Instrument :
MSVOA_Y
ClientSampleId :
TP1-8-8

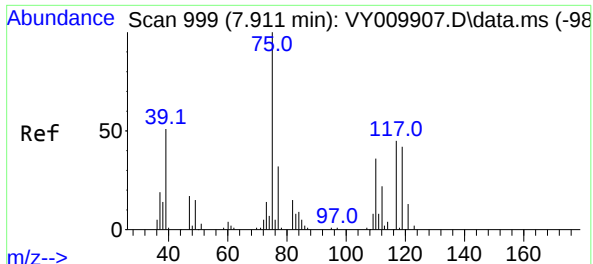
Tgt Ion:114 Resp: 128309
Ion Ratio Lower Upper
114 100
63 19.3 0.0 38.0
88 14.8 0.0 30.0



#35
Dibromofluoromethane
Concen: 34.413 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.005 min
Lab File: VY009927.D
Acq: 09 Aug 2022 18:10

Tgt Ion:113 Resp: 23969
Ion Ratio Lower Upper
113 100
111 104.0 80.6 120.8
192 19.3 16.2 24.4





#36

1,1-Dichloropropene

Concen: 4.310 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY009927.D

Acq: 09 Aug 2022 18:10

Instrument :

MSVOA_Y

ClientSampleId :

TP1-8-8

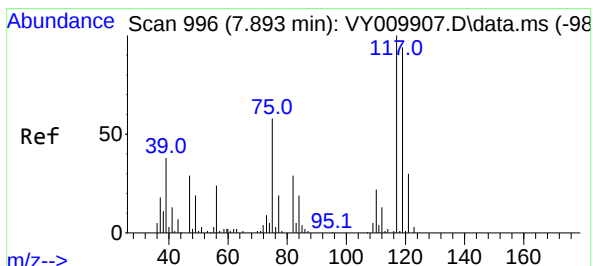
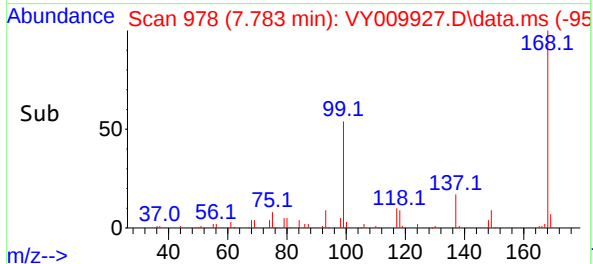
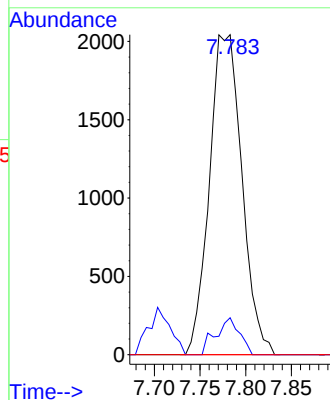
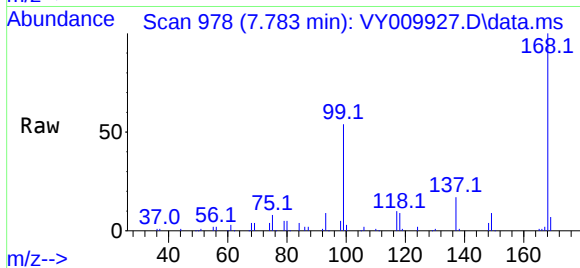
Tgt Ion: 75 Resp: 5065

Ion Ratio Lower Upper

75 100

110 8.5 18.6 56.0#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.355 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.115 min

Lab File: VY009927.D

Acq: 09 Aug 2022 18:10

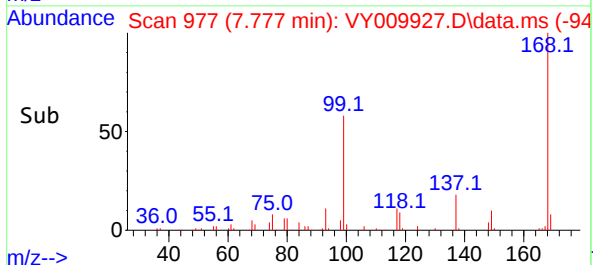
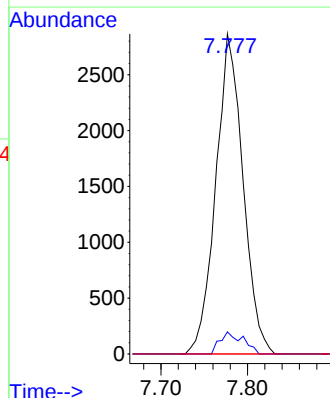
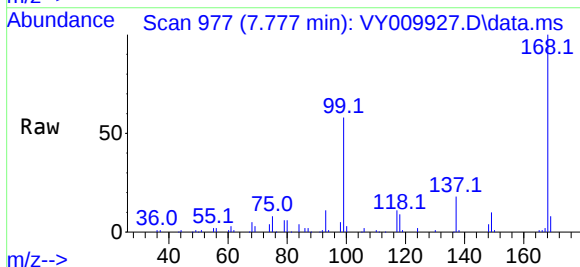
Tgt Ion: 117 Resp: 6246

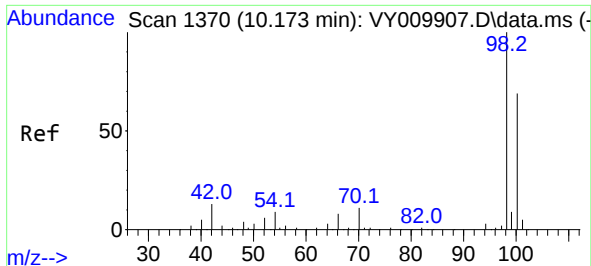
Ion Ratio Lower Upper

117 100

119 6.9 75.9 113.9#

121 0.0 24.9 37.3#

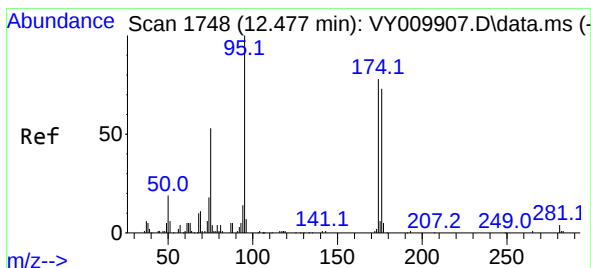
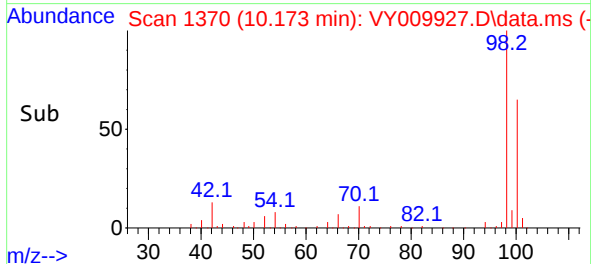
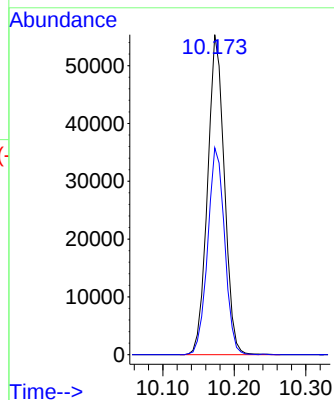
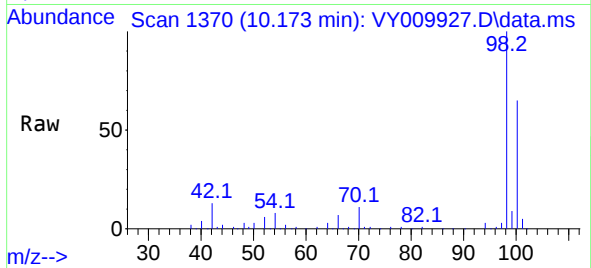




#50
Toluene-d8
Concen: 41.613 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009927.D
Acq: 09 Aug 2022 18:10

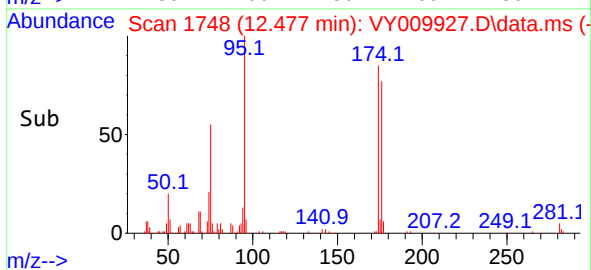
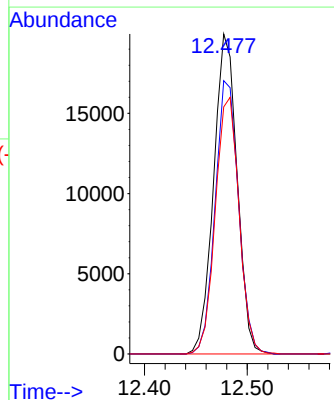
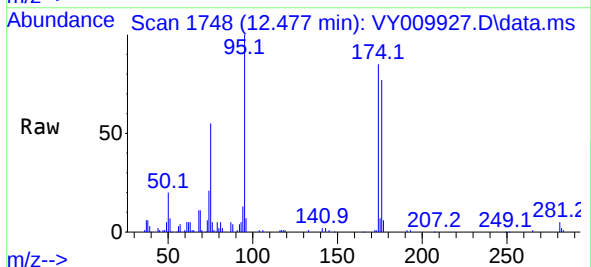
Instrument :
MSVOA_Y
ClientSampleId :
TP1-8-8

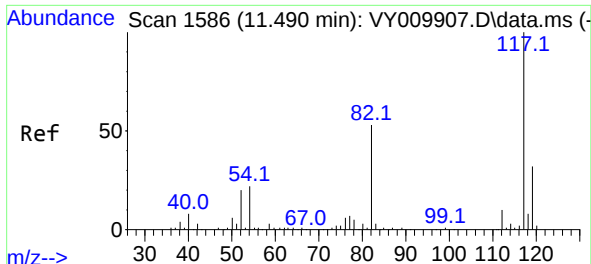
Tgt Ion: 98 Resp: 90177
Ion Ratio Lower Upper
98 100
100 65.3 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 32.536 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009927.D
Acq: 09 Aug 2022 18:10

Tgt Ion: 95 Resp: 31643
Ion Ratio Lower Upper
95 100
174 84.9 0.0 173.8
176 80.9 0.0 167.0

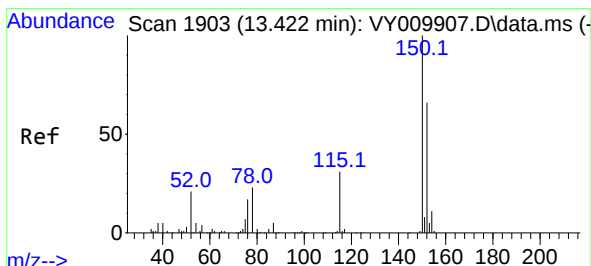
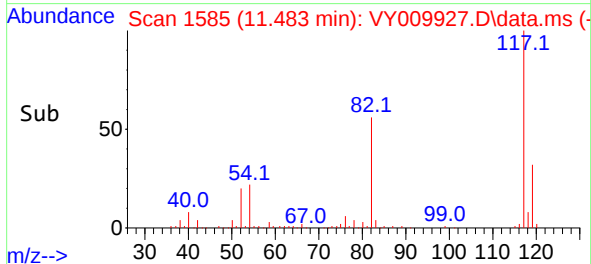
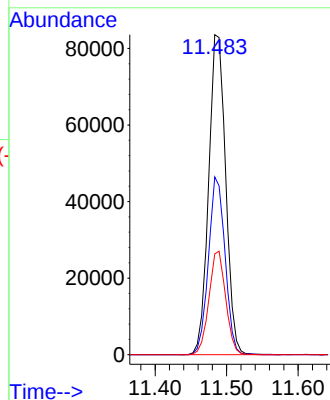
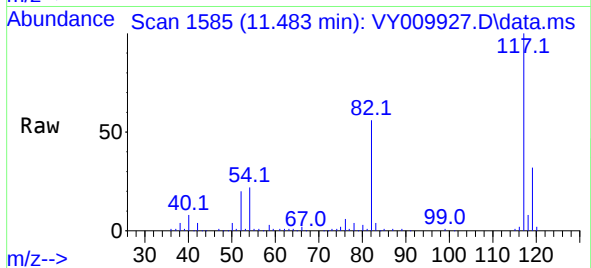




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009927.D
Acq: 09 Aug 2022 18:10

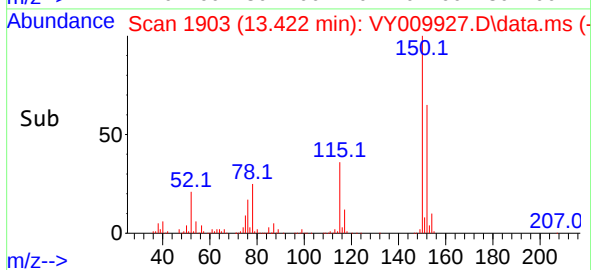
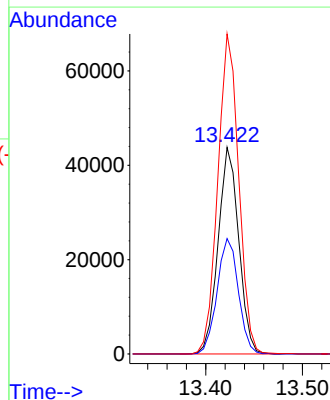
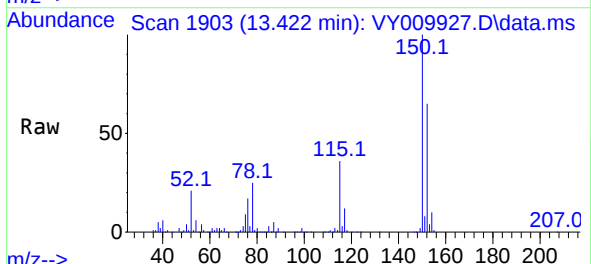
Instrument :
MSVOA_Y
ClientSampleId :
TP1-8-8

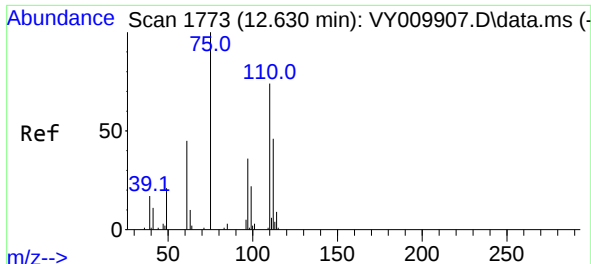
Tgt Ion:117 Resp: 138191
Ion Ratio Lower Upper
117 100
82 55.6 41.8 62.6
119 31.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009927.D
Acq: 09 Aug 2022 18:10

Tgt Ion:152 Resp: 64795
Ion Ratio Lower Upper
152 100
115 57.6 28.6 85.9
150 156.9 0.0 349.8

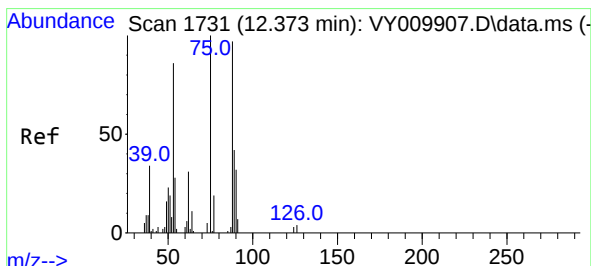
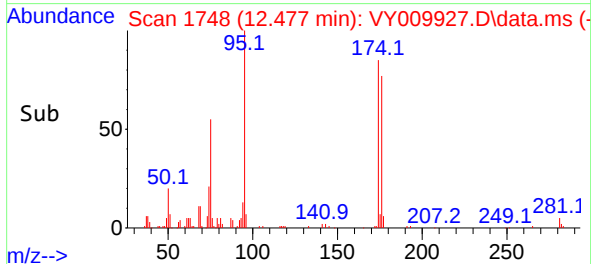
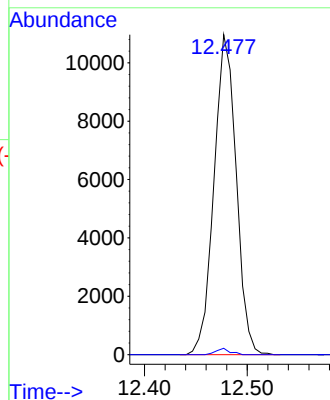
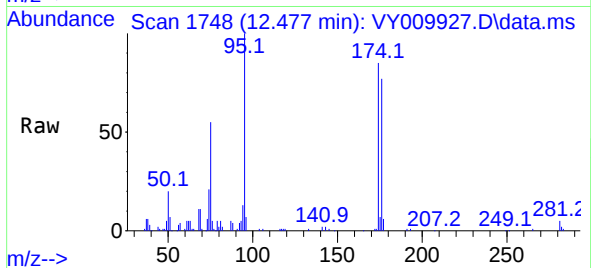




#76
1,2,3-Trichloropropane
Concen: 23.189 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009927.D
Acq: 09 Aug 2022 18:10

Instrument :
MSVOA_Y
ClientSampleId :
TP1-8-8

Tgt Ion: 75 Resp: 16439
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 46.883 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009927.D
Acq: 09 Aug 2022 18:10

Tgt Ion: 75 Resp: 16439
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 38.1 57.1#

