

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009928.D
 Acq On : 09 Aug 2022 18:35
 Operator : KP/MD
 Sample : N4101-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP2-8-8

Quant Time: Aug 09 23:09:04 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)

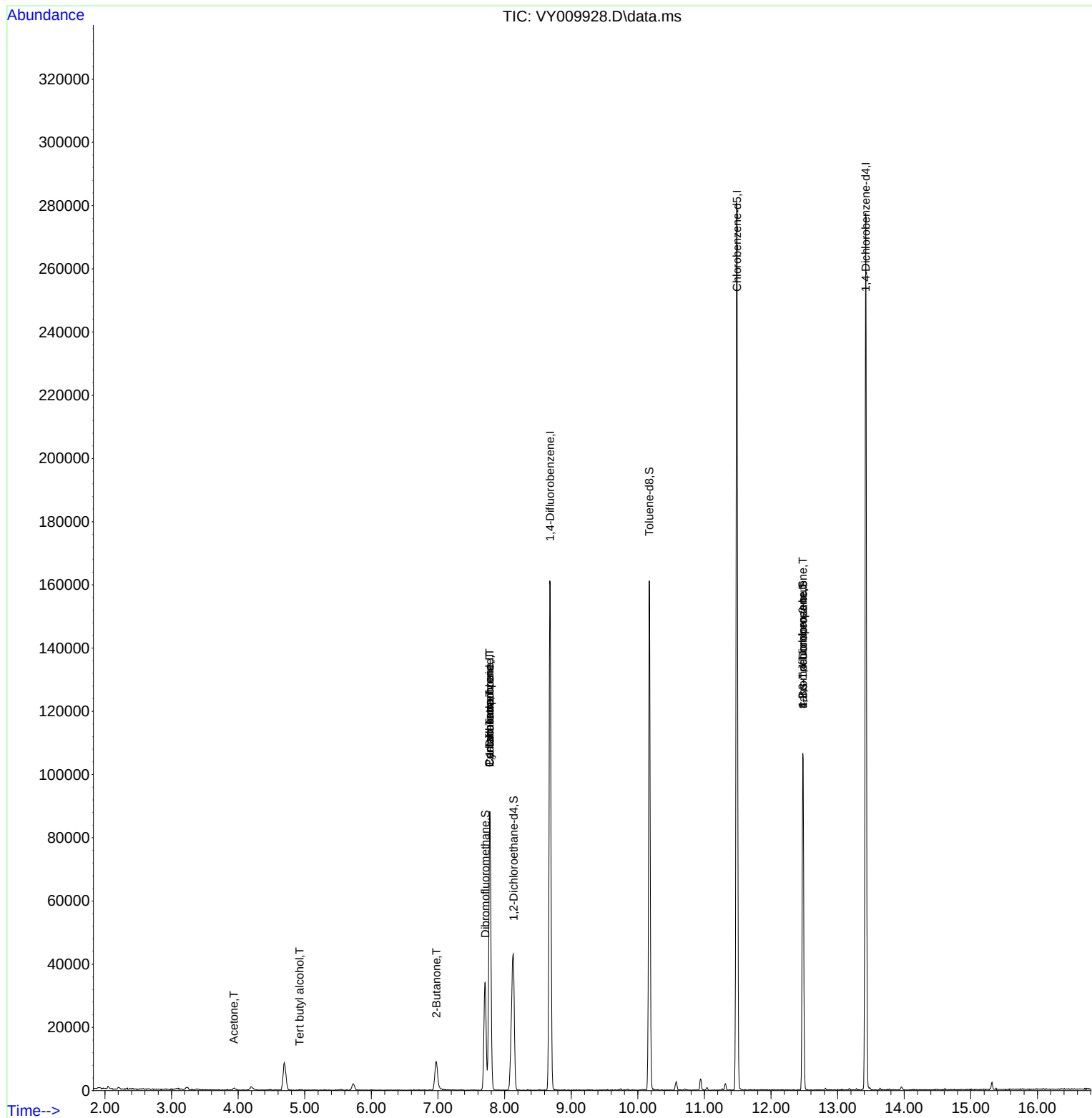
Internal Standards						
1) Pentafluorobenzene	7.777	168	66258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	138869	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	150763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	64789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	26060	50.272	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.540%			
35) Dibromofluoromethane	7.710	113	24619	32.658	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 65.320%			
50) Toluene-d8	10.173	98	97737	41.683	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 83.360%			
62) 4-Bromofluorobenzene	12.477	95	31902	30.308	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 60.620%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.924	59	246	3.275	ug/l #	78
16) Acetone	3.936	43	1136	6.078	ug/l	95
18) Methyl Acetate	4.466	43	317	Below Cal	#	52
20) Methylene Chloride	4.692	84	6231	Below Cal	#	88
25) 2-Butanone	6.978	43	665	2.161	ug/l #	48
31) Cyclohexane	7.777	56	1509	1.173	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	5364	4.217	ug/l #	49
38) Carbon Tetrachloride	7.777	117	6702	5.309	ug/l #	18
76) 1,2,3-Trichloropropane	12.477	75	16202	22.857	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	16202	46.211	ug/l #	13

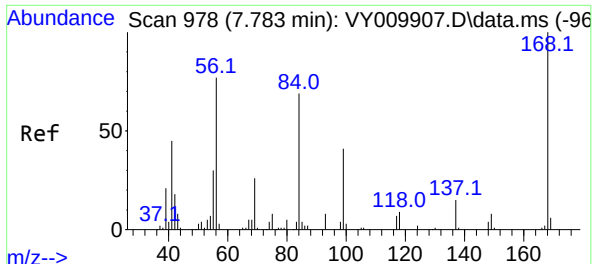
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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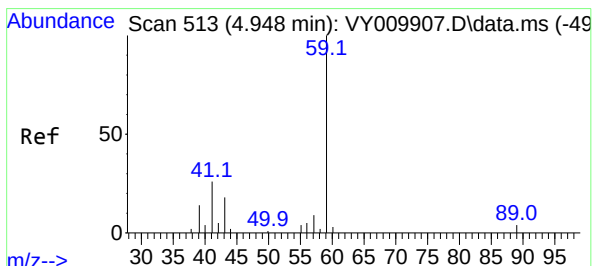
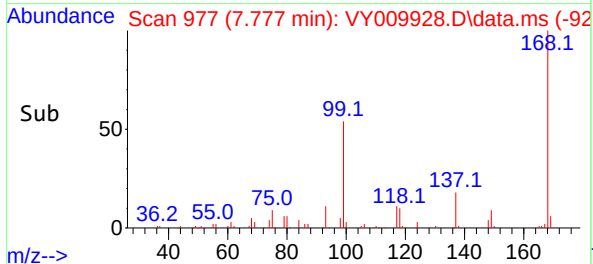
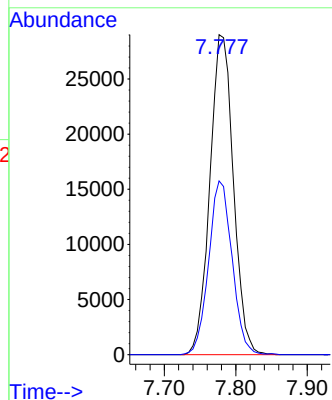
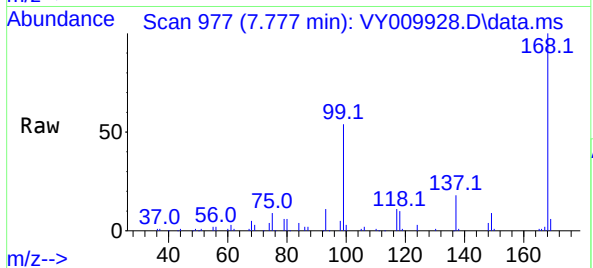




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.005 min
Lab File: VY009928.D
Acq: 09 Aug 2022 18:35

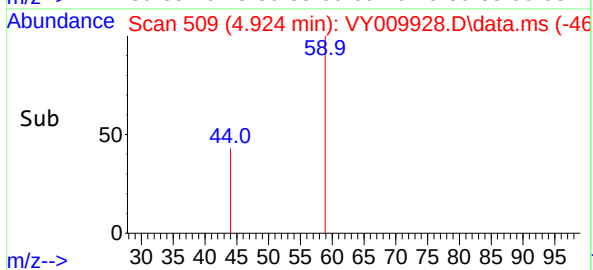
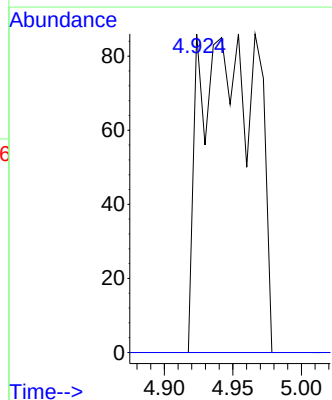
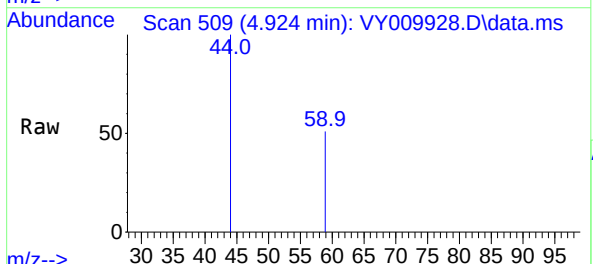
Instrument :
MSVOA_Y
ClientSampleId :
TP2-8-8

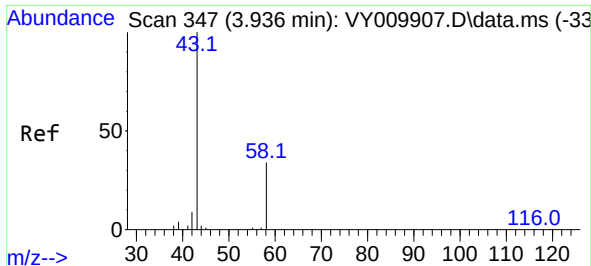
Tgt Ion:168 Resp: 66258
Ion Ratio Lower Upper
168 100
99 54.3 42.1 63.1



#11
Tert butyl alcohol
Concen: 3.275 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY009928.D
Acq: 09 Aug 2022 18:35

Tgt Ion: 59 Resp: 246
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#

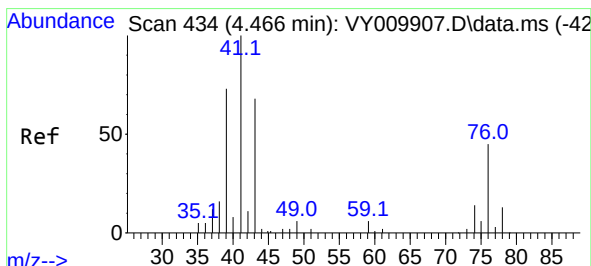
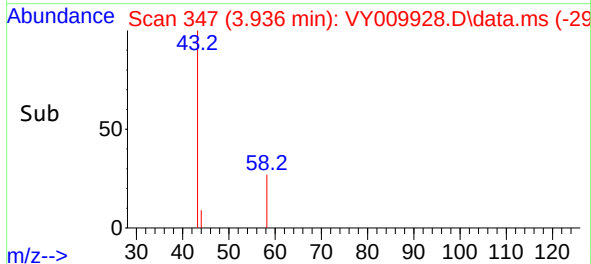
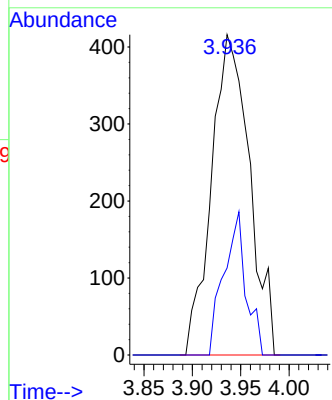
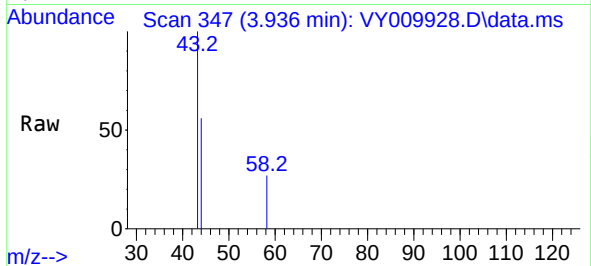




#16
Acetone
Concen: 6.078 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009928.D
Acq: 09 Aug 2022 18:35

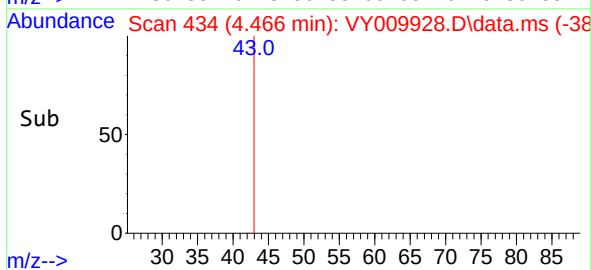
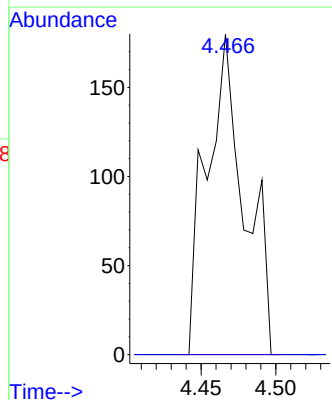
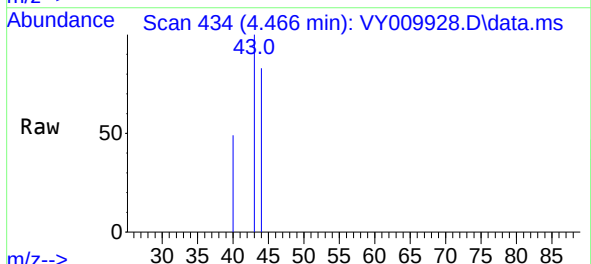
Instrument :
MSVOA_Y
ClientSampleId :
TP2-8-8

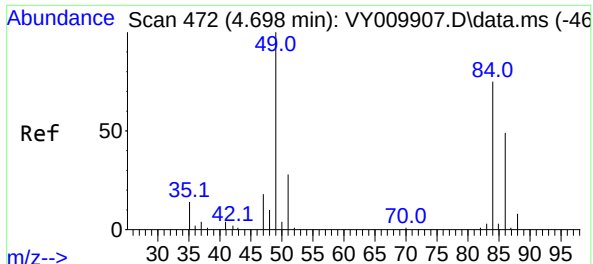
Tgt Ion: 43 Resp: 1136
Ion Ratio Lower Upper
43 100
58 27.2 24.0 36.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009928.D
Acq: 09 Aug 2022 18:35

Tgt Ion: 43 Resp: 317
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#



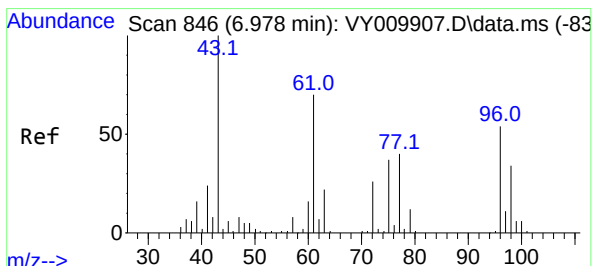
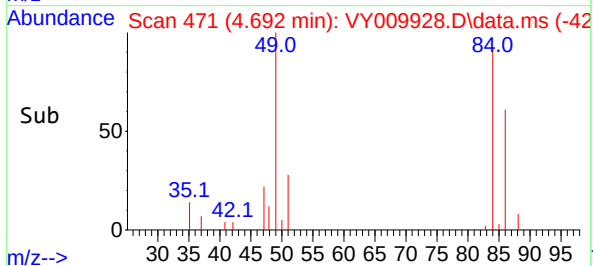
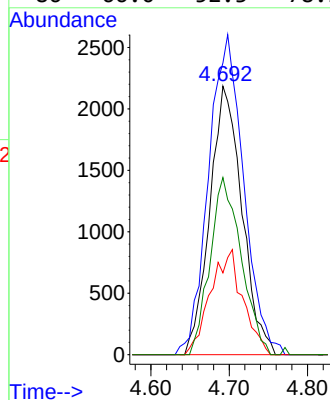
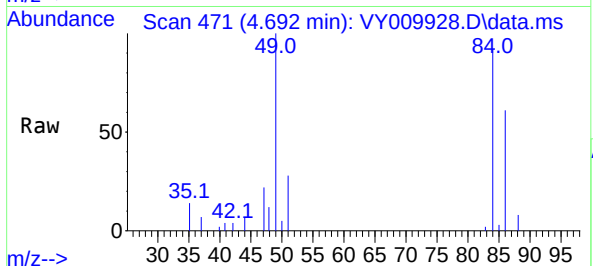


#20
Methylene Chloride
Concen: Below Cal
RT: 4.692 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY009928.D
Acq: 09 Aug 2022 18:35

Instrument :
MSVOA_Y
ClientSampleId :
TP2-8-8

Tgt Ion: 84 Resp: 6231

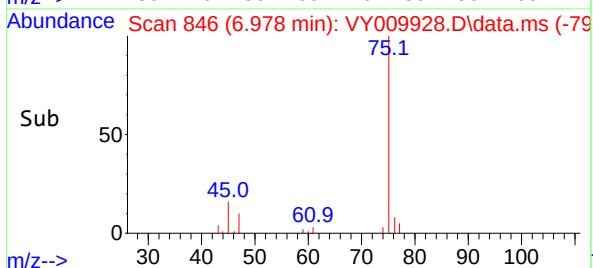
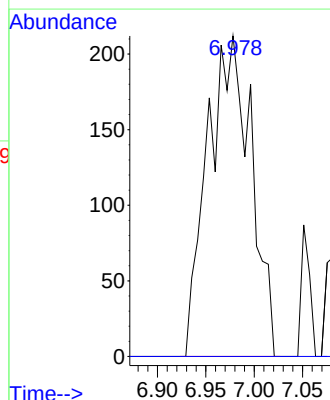
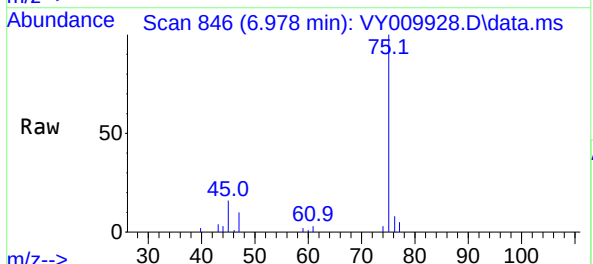
Ion	Ratio	Lower	Upper
84	100		
49	105.6	98.2	147.4
51	30.5	33.4	50.0#
86	66.0	52.3	78.5

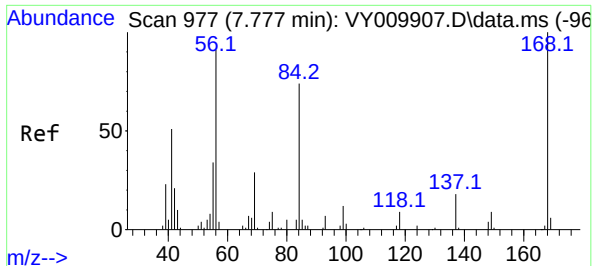


#25
2-Butanone
Concen: 2.161 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009928.D
Acq: 09 Aug 2022 18:35

Tgt Ion: 43 Resp: 665

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.5	32.3#

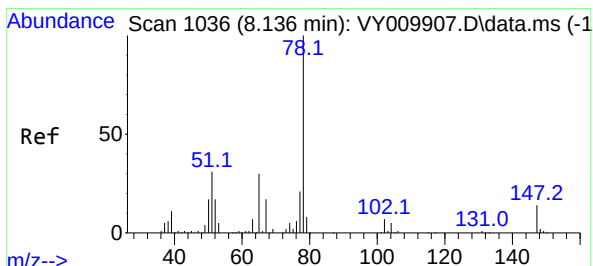
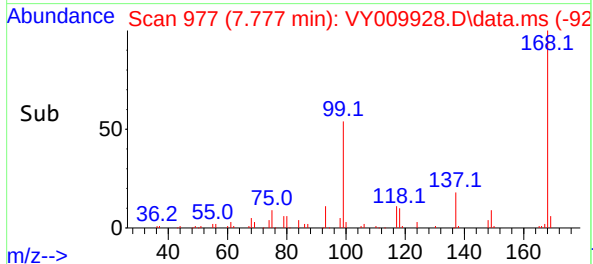
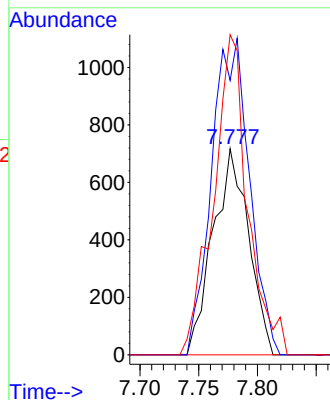
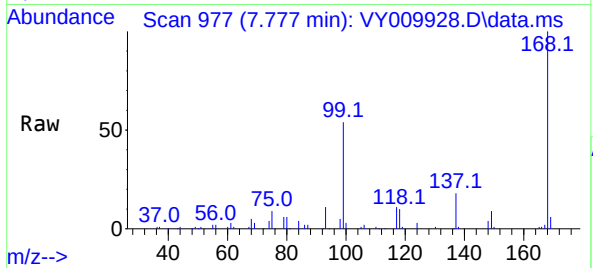




#31
Cyclohexane
Concen: 1.173 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009928.D
Acq: 09 Aug 2022 18:35

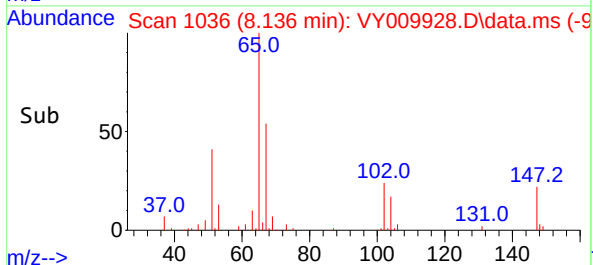
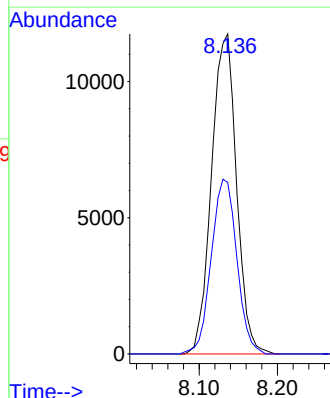
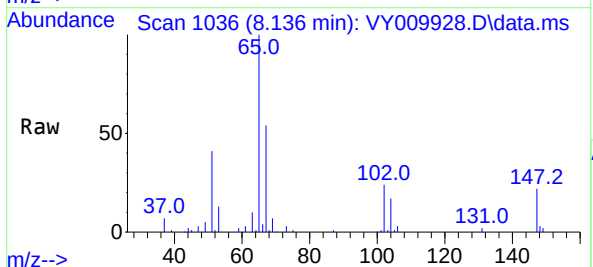
Instrument :
MSVOA_Y
ClientSampleId :
TP2-8-8

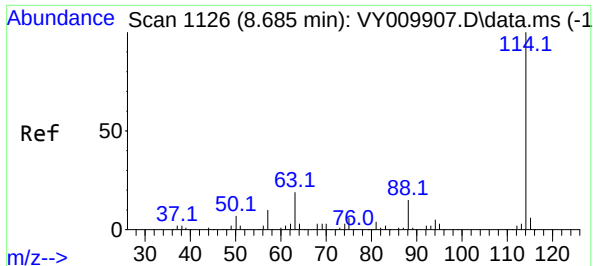
Tgt Ion: 56 Resp: 1509
Ion Ratio Lower Upper
56 100
69 133.2 26.0 39.0#
84 155.4 69.5 104.3#



#33
1,2-Dichloroethane-d4
Concen: 50.272 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY009928.D
Acq: 09 Aug 2022 18:35

Tgt Ion: 65 Resp: 26060
Ion Ratio Lower Upper
65 100
67 55.9 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: VY009928.D

Acq: 09 Aug 2022 18:35

Instrument :

MSVOA_Y

ClientSampleId :

TP2-8-8

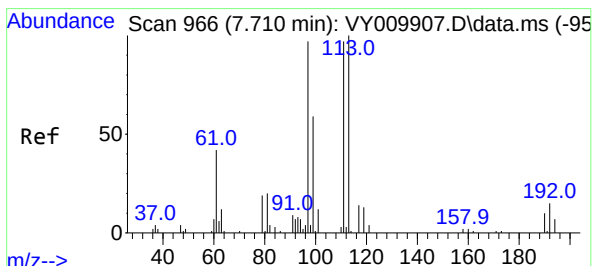
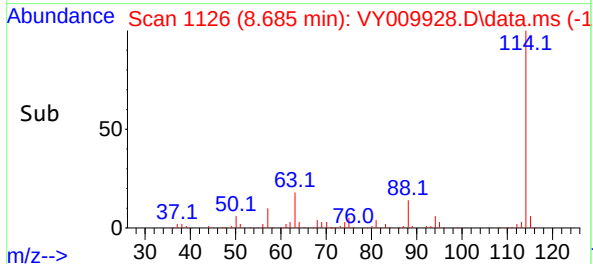
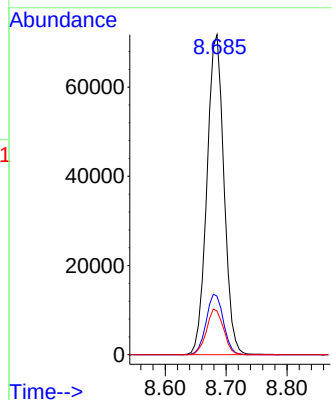
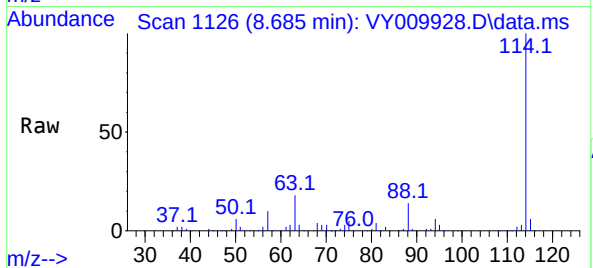
Tgt Ion:114 Resp: 138869

Ion Ratio Lower Upper

114 100

63 18.3 0.0 38.0

88 13.7 0.0 30.0



#35

Dibromofluoromethane

Concen: 32.658 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.001 min

Lab File: VY009928.D

Acq: 09 Aug 2022 18:35

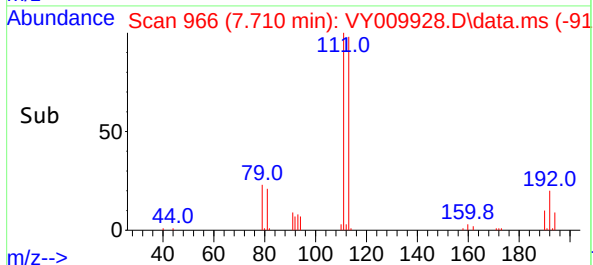
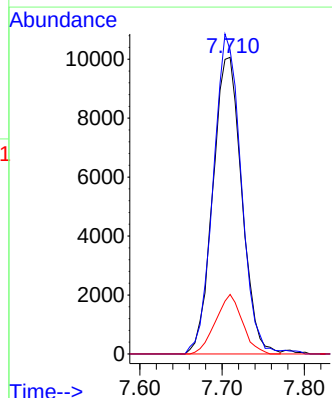
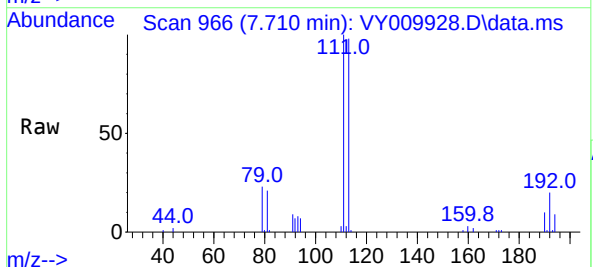
Tgt Ion:113 Resp: 24619

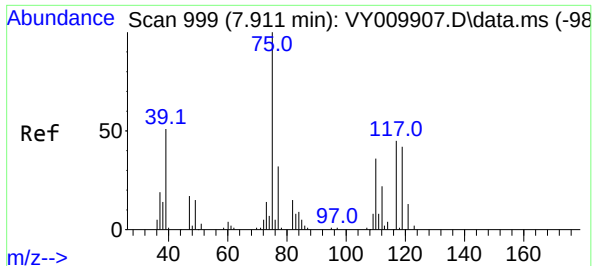
Ion Ratio Lower Upper

113 100

111 104.0 80.6 120.8

192 18.6 16.2 24.4

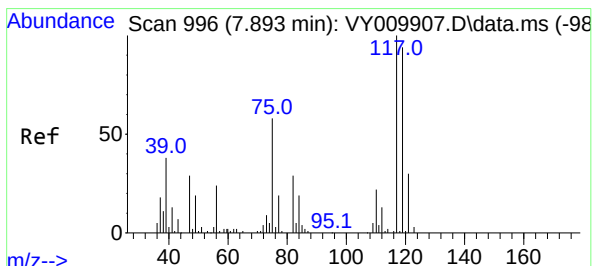
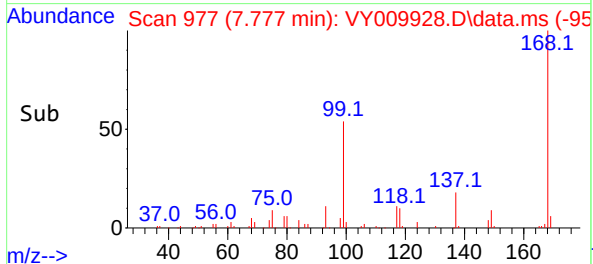
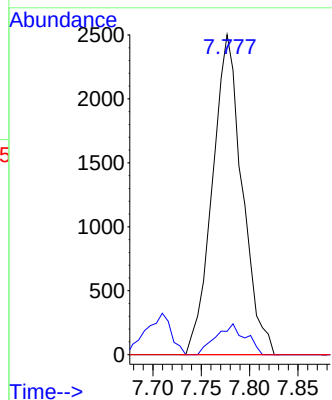
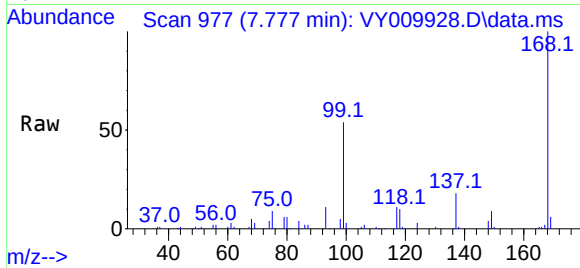




#36
1,1-Dichloropropene
Concen: 4.217 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY009928.D
Acq: 09 Aug 2022 18:35

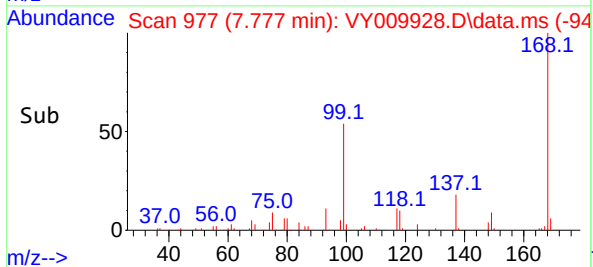
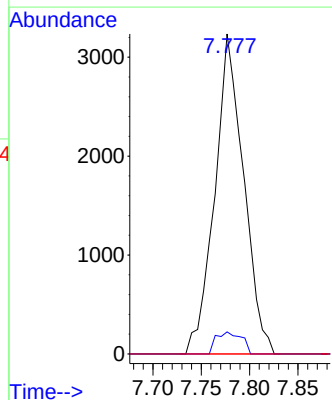
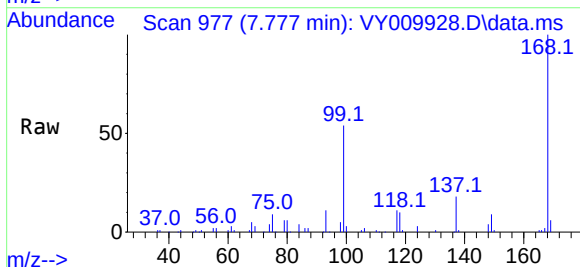
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TP2-8-8

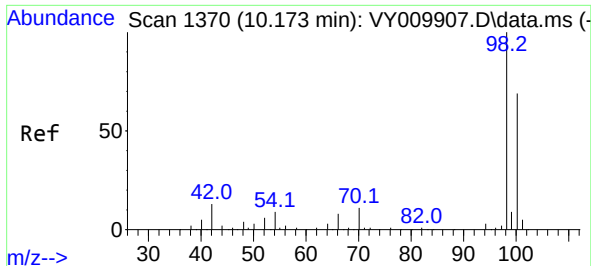
Tgt Ion: 75 Resp: 5364
Ion Ratio Lower Upper
75 100
110 9.5 18.6 56.0#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.309 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.115 min
Lab File: VY009928.D
Acq: 09 Aug 2022 18:35

Tgt Ion: 117 Resp: 6702
Ion Ratio Lower Upper
117 100
119 6.9 75.9 113.9#
121 0.0 24.9 37.3#

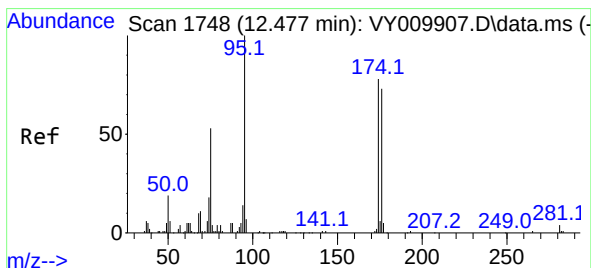
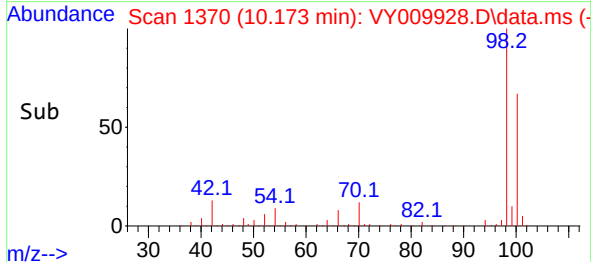
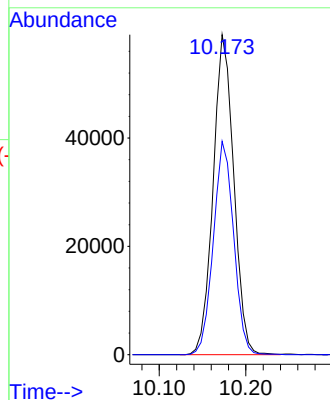
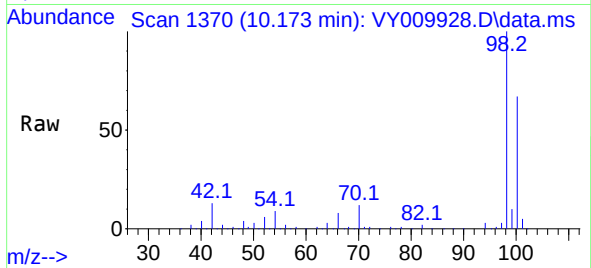




#50
Toluene-d8
Concen: 41.683 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009928.D
Acq: 09 Aug 2022 18:35

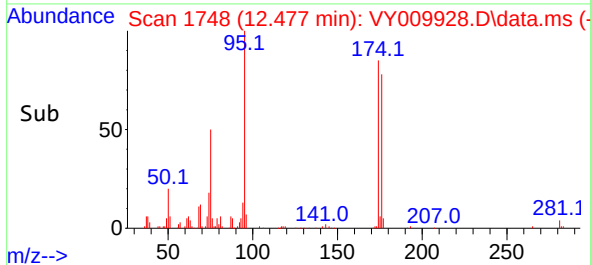
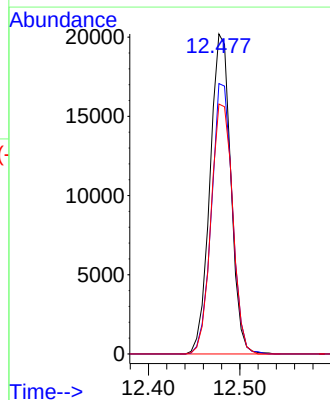
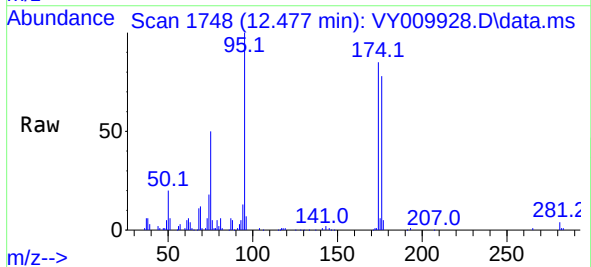
Instrument :
MSVOA_Y
ClientSampleId :
TP2-8-8

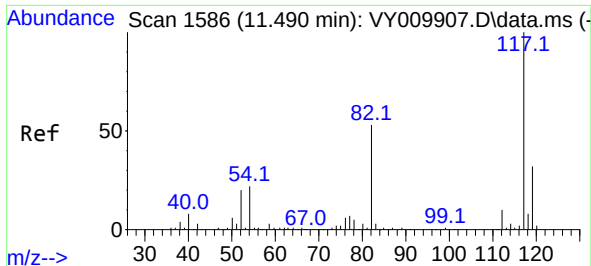
Tgt Ion: 98 Resp: 97737
Ion Ratio Lower Upper
98 100
100 65.7 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 30.308 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009928.D
Acq: 09 Aug 2022 18:35

Tgt Ion: 95 Resp: 31902
Ion Ratio Lower Upper
95 100
174 84.1 0.0 173.8
176 81.0 0.0 167.0

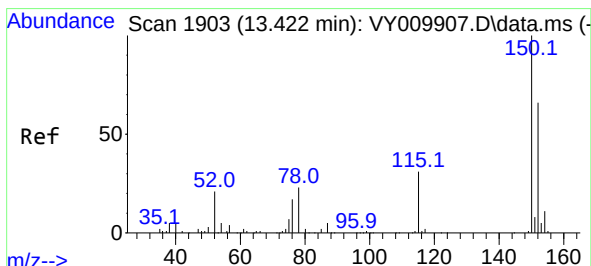
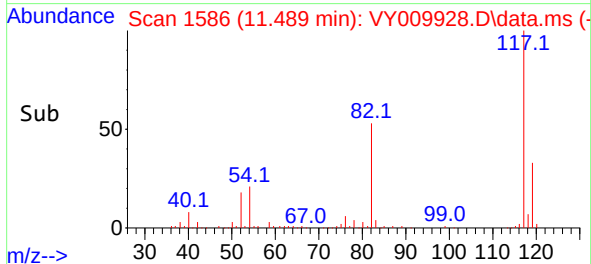
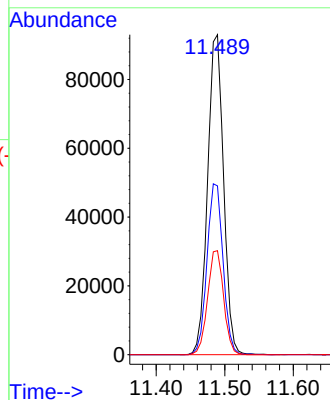
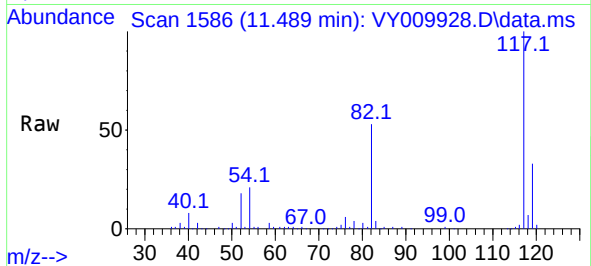




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009928.D
Acq: 09 Aug 2022 18:35

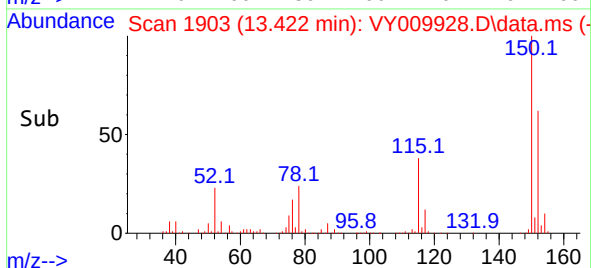
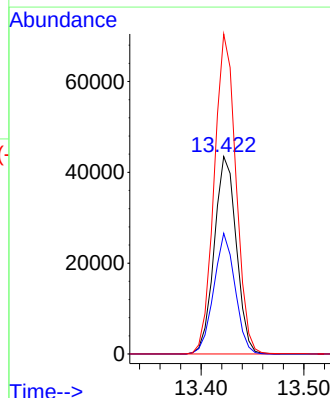
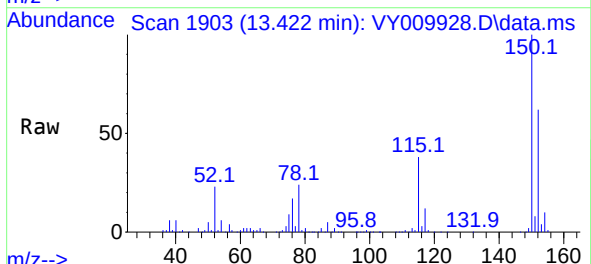
Instrument :
MSVOA_Y
ClientSampleId :
TP2-8-8

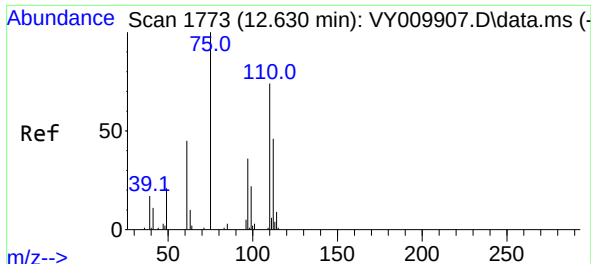
Tgt Ion:117 Resp: 150763
Ion Ratio Lower Upper
117 100
82 52.8 41.8 62.6
119 32.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009928.D
Acq: 09 Aug 2022 18:35

Tgt Ion:152 Resp: 64789
Ion Ratio Lower Upper
152 100
115 59.1 28.6 85.9
150 160.0 0.0 349.8

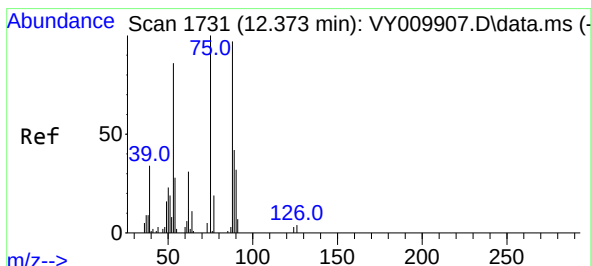
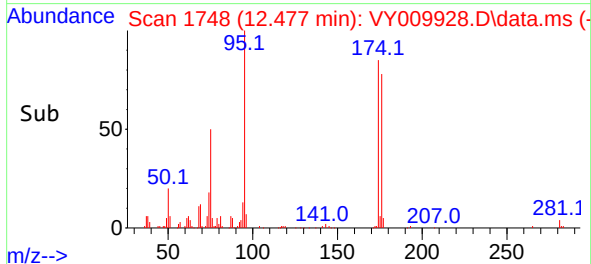
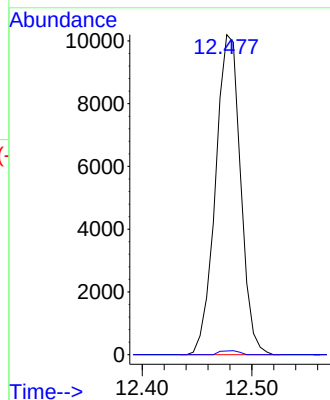
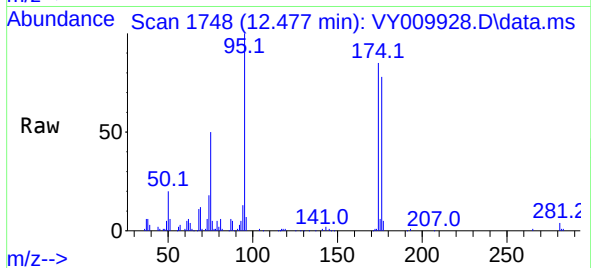




#76
1,2,3-Trichloropropane
Concen: 22.857 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009928.D
Acq: 09 Aug 2022 18:35

Instrument :
MSVOA_Y
ClientSampleId :
TP2-8-8

Tgt Ion: 75 Resp: 16202
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 46.211 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009928.D
Acq: 09 Aug 2022 18:35

Tgt Ion: 75 Resp: 16202
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.1 38.1 57.1#

