

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
 Data File : VY080822.D
 Acq On : 08 Aug 2022 22:49
 Operator : KP/MD
 Sample : VY0808SBL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0808SBL02

Quant Time: Aug 09 02:17:47 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)

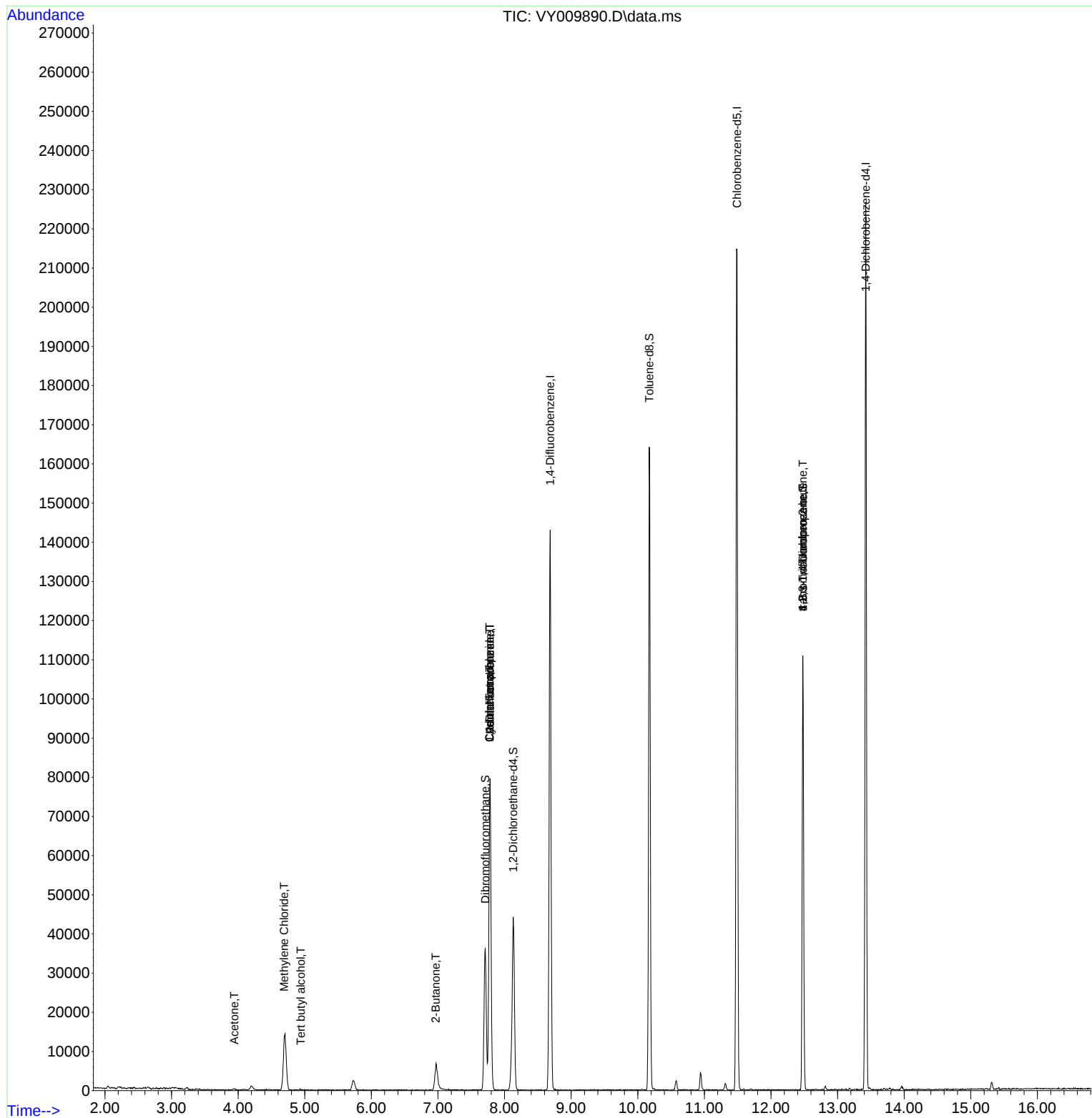
Internal Standards						
1) Pentafluorobenzene	7.783	168	60254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	118288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	117392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	53391	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	28949	62.849	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.700%	
35) Dibromofluoromethane	7.710	113	25990	40.475	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 80.960%	
50) Toluene-d8	10.173	98	102743	53.260	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.520%	
62) 4-Bromofluorobenzene	12.477	95	31079	34.664	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 69.320%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	171	2.503	ug/l #	78
16) Acetone	3.942	43	603	3.548	ug/l #	45
18) Methyl Acetate	4.473	43	206	Below Cal	#	52
20) Methylene Chloride	4.692	84	10120	4.562	ug/l	90
25) 2-Butanone	6.966	43	424	1.515	ug/l #	48
31) Cyclohexane	7.777	56	1395	1.193	ug/l #	2
36) 1,1-Dichloropropene	7.777	75	4898	4.521	ug/l #	46
38) Carbon Tetrachloride	7.777	117	6155	5.724	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	16634	28.476	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	16634	57.571	ug/l #	13

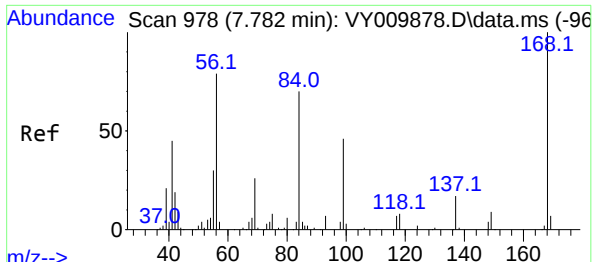
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
Data File : VY009890.D
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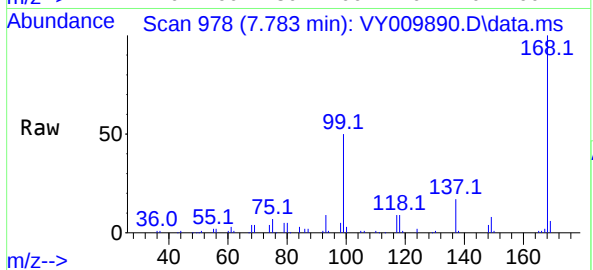
Quant Time: Aug 09 02:17:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
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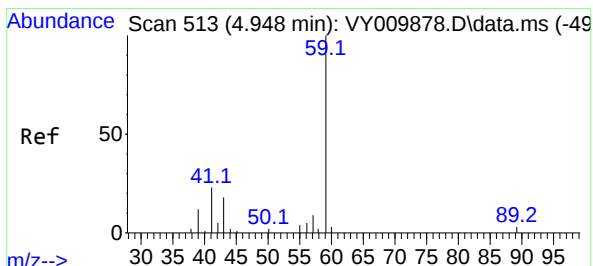
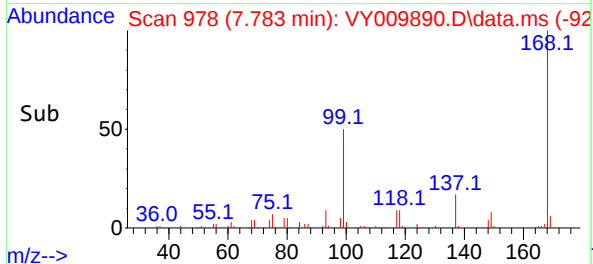
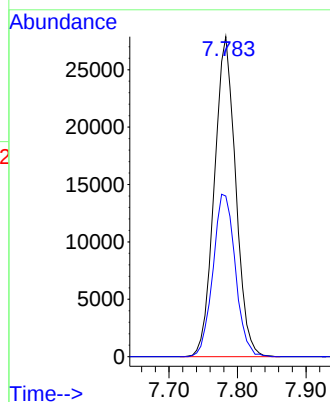


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009890.D
Acq: 08 Aug 2022 22:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0808SBL02

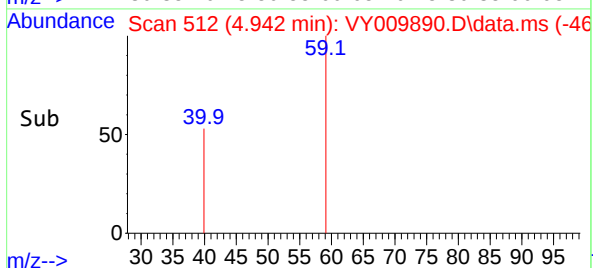
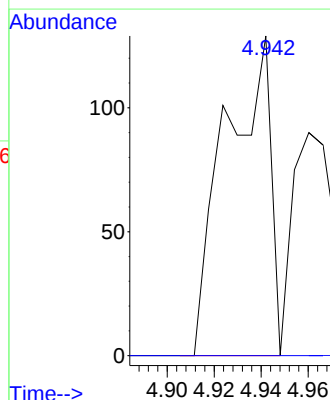
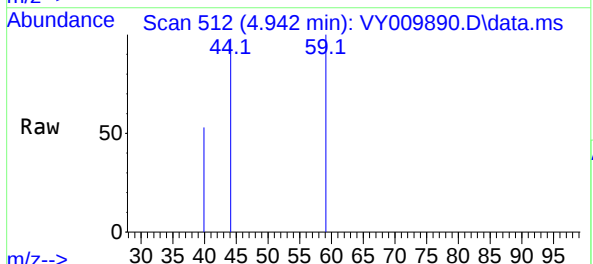


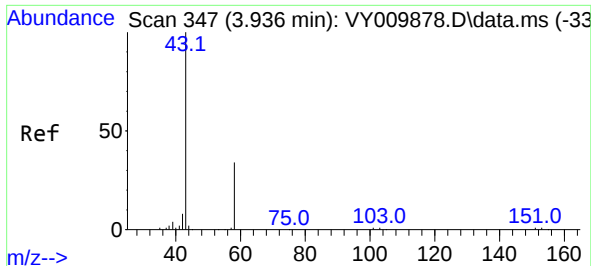
Tgt Ion:168 Resp: 60254
Ion Ratio Lower Upper
168 100
99 50.2 42.1 63.1



#11
Tert butyl alcohol
Concen: 2.503 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY009890.D
Acq: 08 Aug 2022 22:49

Tgt Ion: 59 Resp: 171
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#

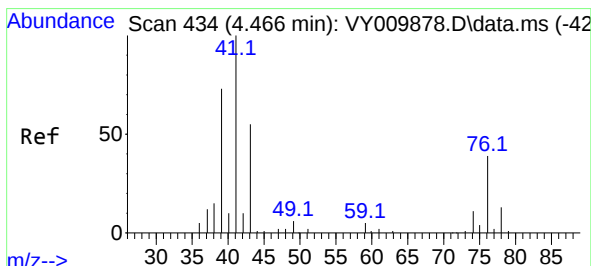
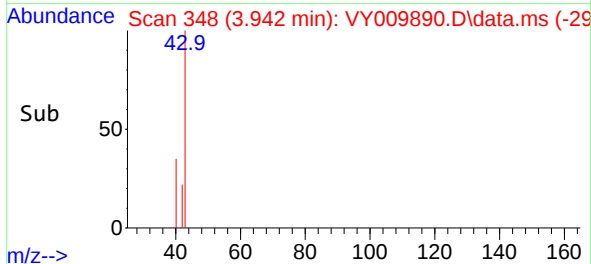
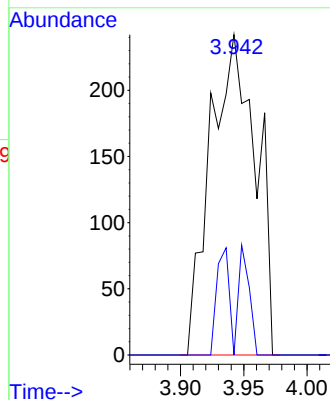
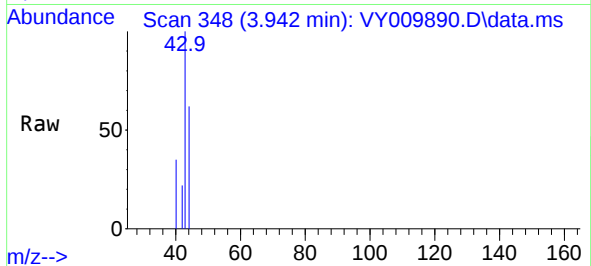




#16
Acetone
Concen: 3.548 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY009890.D
Acq: 08 Aug 2022 22:49

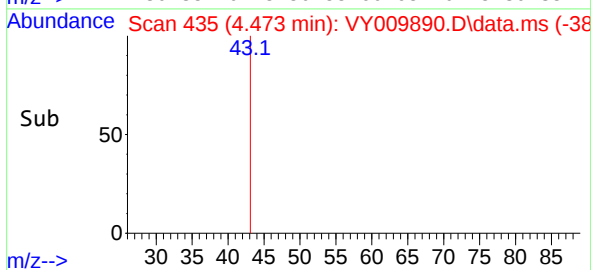
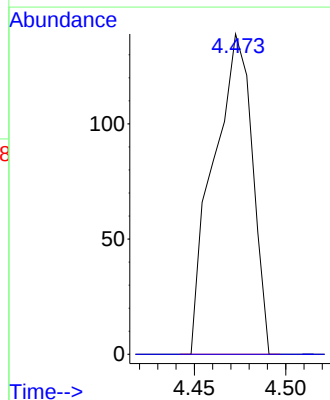
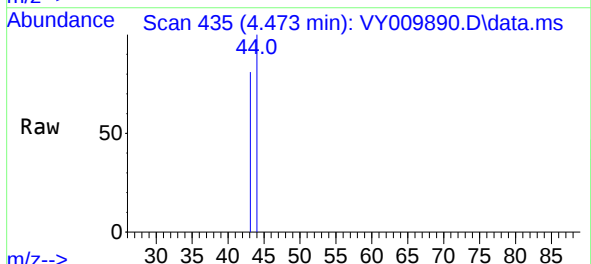
Instrument :
MSVOA_Y
ClientSampleId :
VY0808SBL02

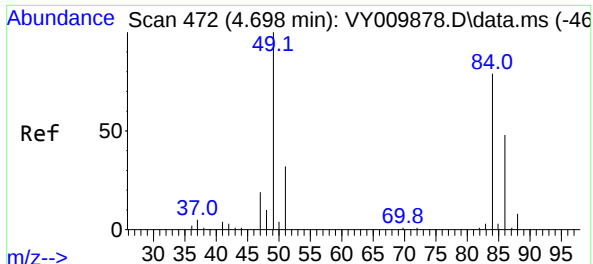
Tgt Ion: 43 Resp: 603
Ion Ratio Lower Upper
43 100
58 0.0 24.0 36.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.473 min Scan# 435
Delta R.T. 0.007 min
Lab File: VY009890.D
Acq: 08 Aug 2022 22:49

Tgt Ion: 43 Resp: 206
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#





#20

Methylene Chloride

Concen: 4.562 ug/l

RT: 4.692 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY009890.D

Acq: 08 Aug 2022 22:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0808SBL02

Tgt Ion: 84 Resp: 10120

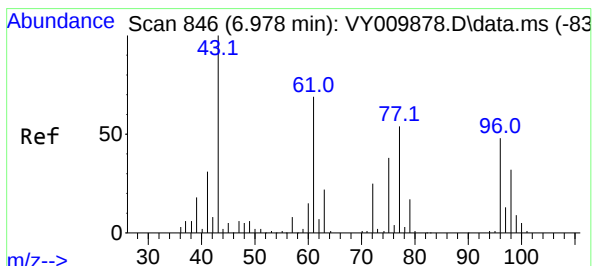
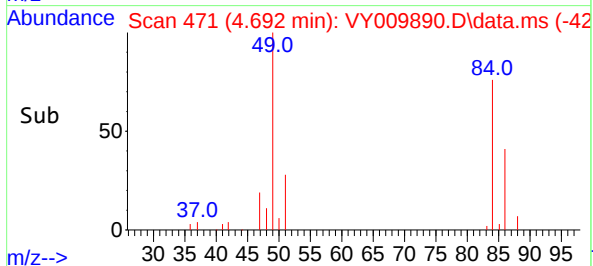
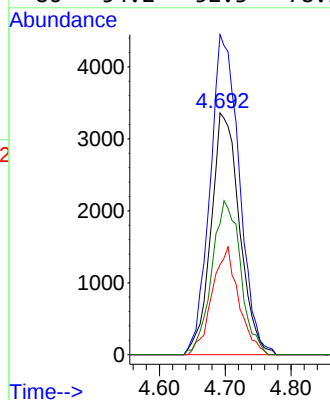
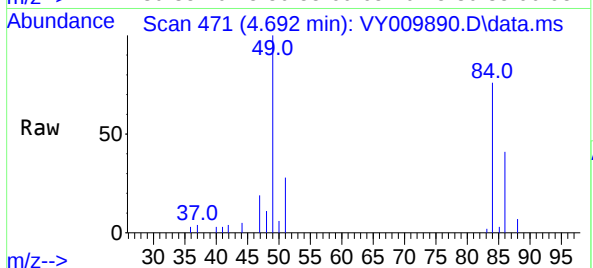
Ion Ratio Lower Upper

84 100

49 132.3 98.2 147.4

51 37.2 33.4 50.0

86 54.2 52.3 78.5



#25

2-Butanone

Concen: 1.515 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.012 min

Lab File: VY009890.D

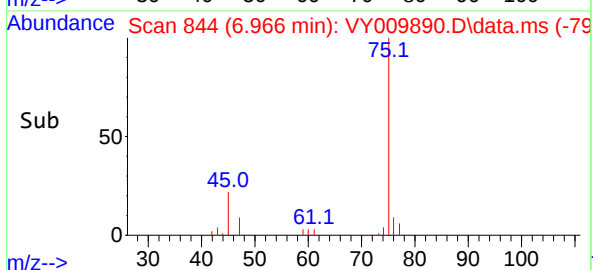
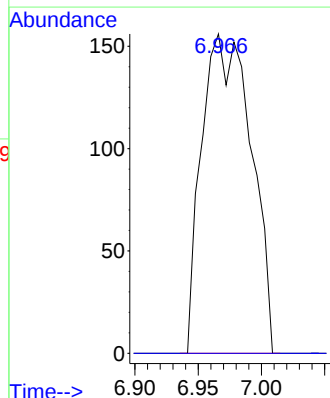
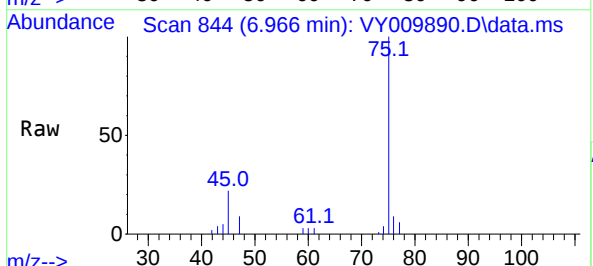
Acq: 08 Aug 2022 22:49

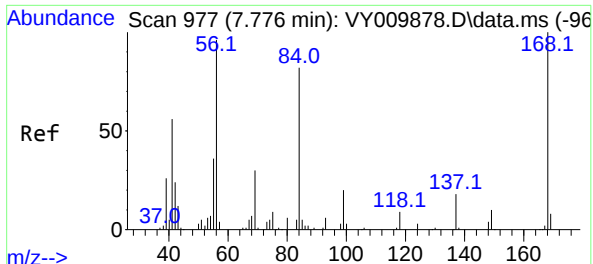
Tgt Ion: 43 Resp: 424

Ion Ratio Lower Upper

43 100

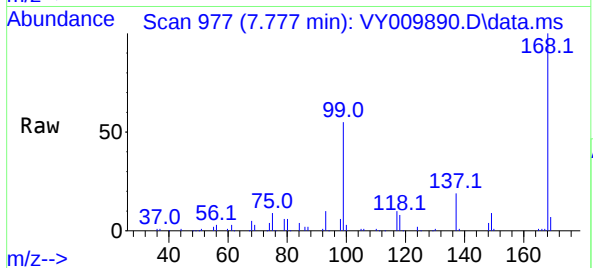
72 0.0 21.5 32.3#



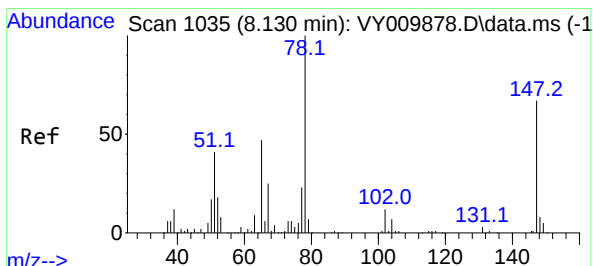
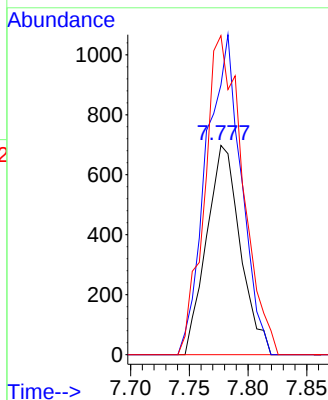
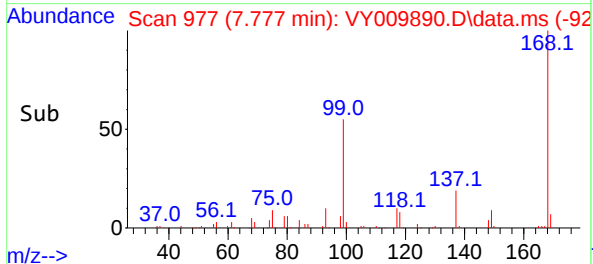


#31
Cyclohexane
Concen: 1.193 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009890.D
Acq: 08 Aug 2022 22:49

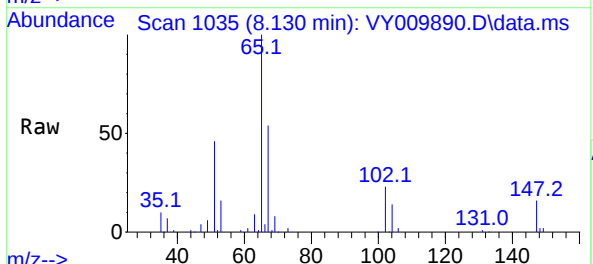
Instrument :
MSVOA_Y
ClientSampleId :
VY0808SBL02



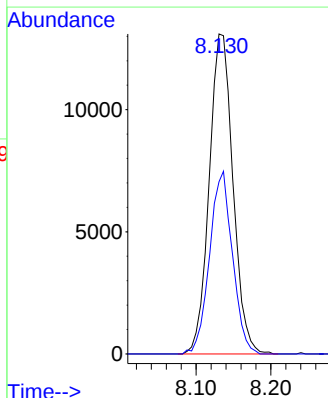
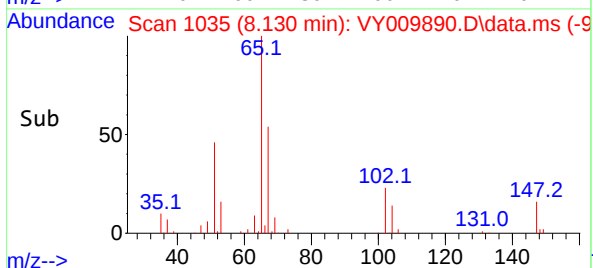
Tgt Ion: 56 Resp: 1395
Ion Ratio Lower Upper
56 100
69 128.8 26.0 39.0#
84 152.4 69.5 104.3#

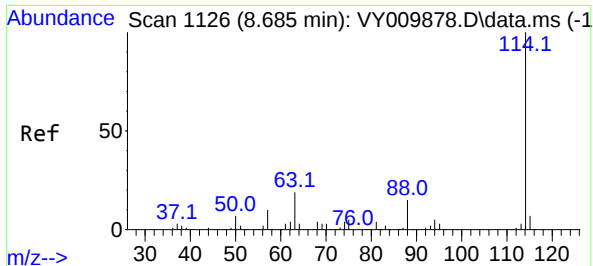


#33
1,2-Dichloroethane-d4
Concen: 62.849 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY009890.D
Acq: 08 Aug 2022 22:49



Tgt Ion: 65 Resp: 28949
Ion Ratio Lower Upper
65 100
67 55.0 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: VY009890.D

Acq: 08 Aug 2022 22:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0808SBL02

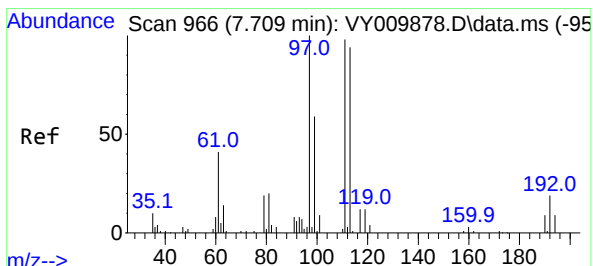
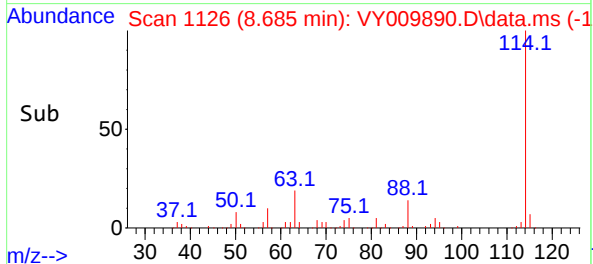
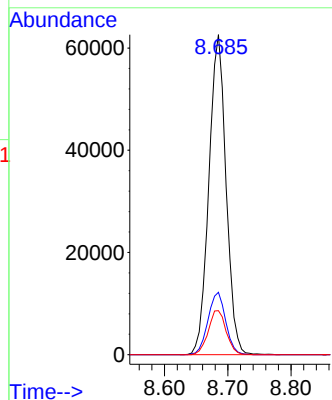
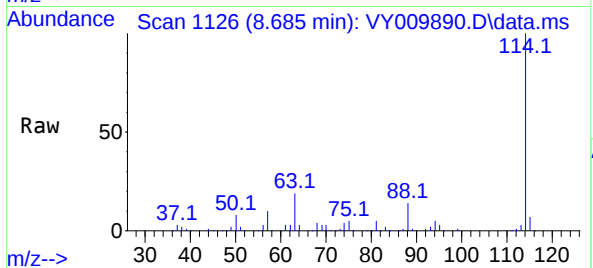
Tgt Ion:114 Resp: 118288

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.0

88 13.8 0.0 30.0



#35

Dibromofluoromethane

Concen: 40.475 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.001 min

Lab File: VY009890.D

Acq: 08 Aug 2022 22:49

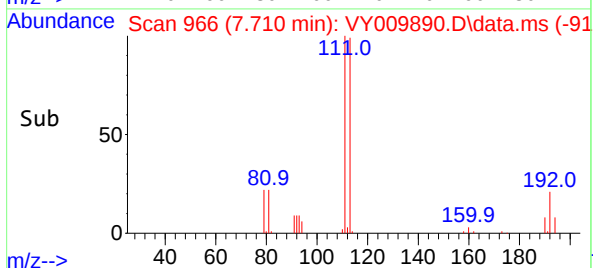
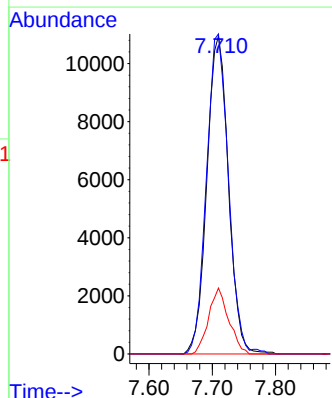
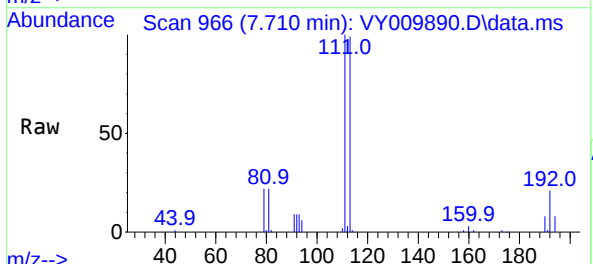
Tgt Ion:113 Resp: 25990

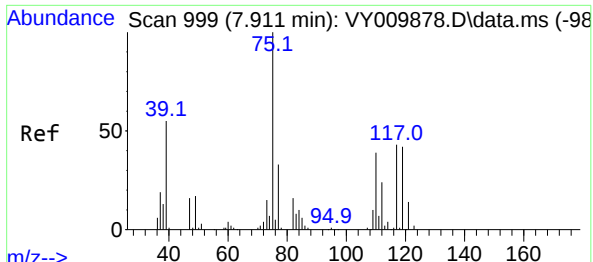
Ion Ratio Lower Upper

113 100

111 102.1 80.6 120.8

192 19.3 16.2 24.4





#36

1,1-Dichloropropene

Concen: 4.521 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY009890.D

Acq: 08 Aug 2022 22:49

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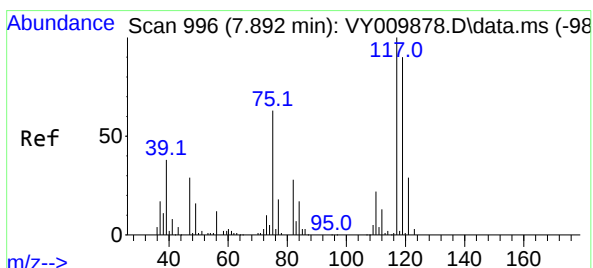
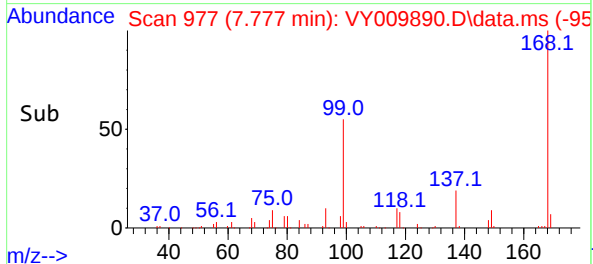
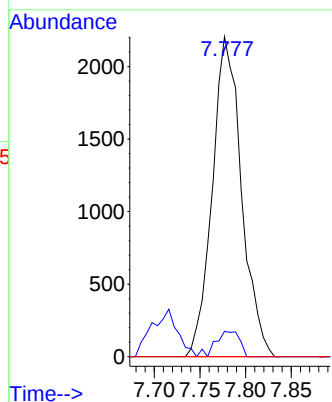
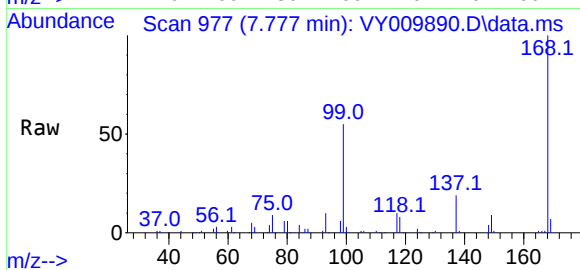
Tgt Ion: 75 Resp: 4898

Ion Ratio Lower Upper

75 100

110 6.6 18.6 56.0#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.724 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.115 min

Lab File: VY009890.D

Acq: 08 Aug 2022 22:49

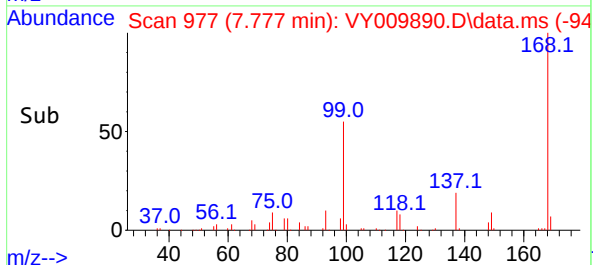
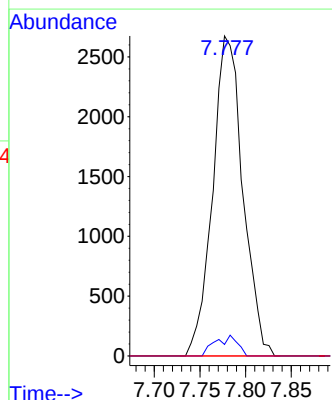
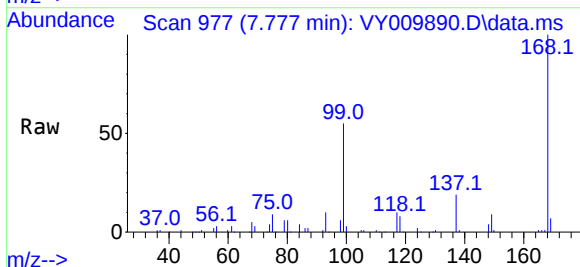
Tgt Ion: 117 Resp: 6155

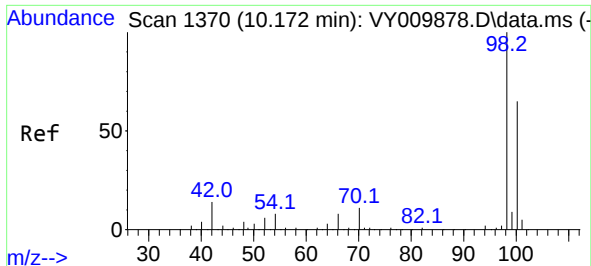
Ion Ratio Lower Upper

117 100

119 3.6 75.9 113.9#

121 0.0 24.9 37.3#

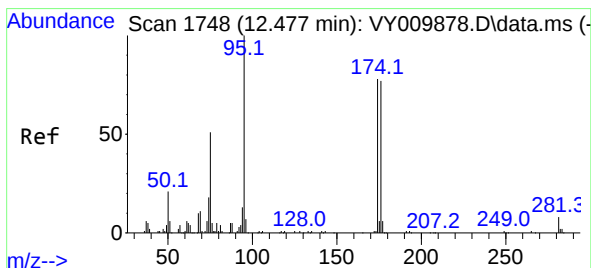
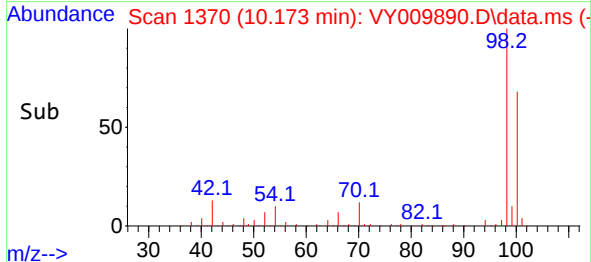
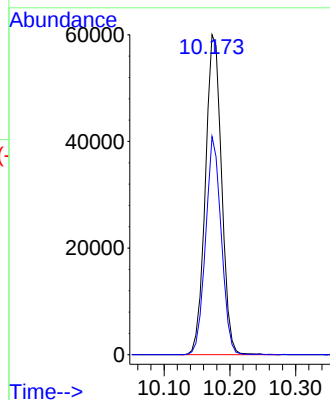
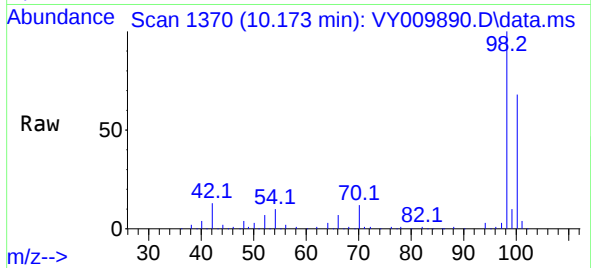




#50
Toluene-d8
Concen: 53.260 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009890.D
Acq: 08 Aug 2022 22:49

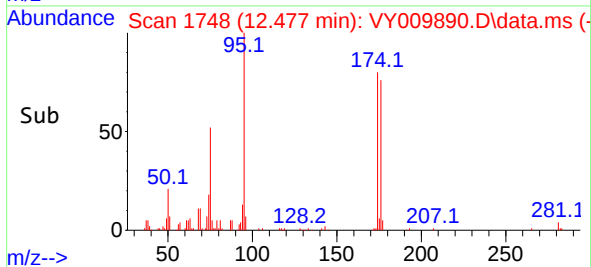
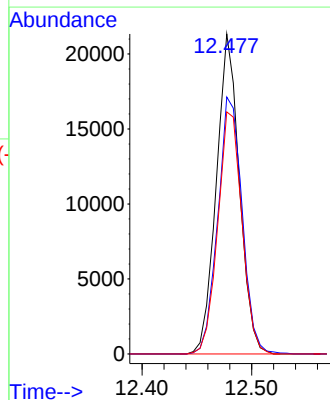
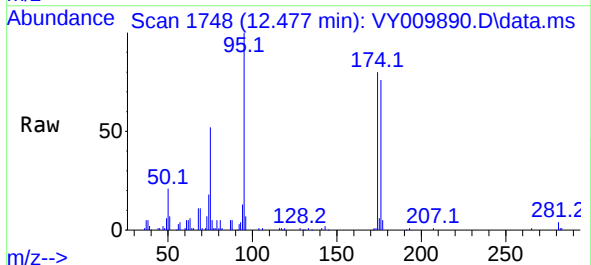
Instrument :
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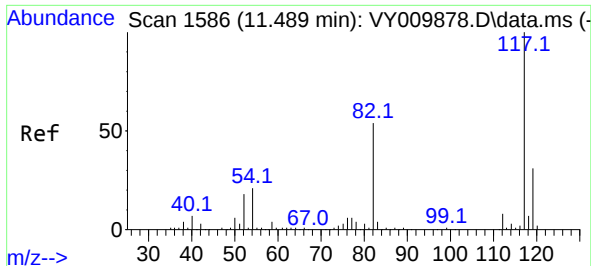
Tgt Ion: 98 Resp: 102743
Ion Ratio Lower Upper
98 100
100 65.8 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 34.664 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009890.D
Acq: 08 Aug 2022 22:49

Tgt Ion: 95 Resp: 31079
Ion Ratio Lower Upper
95 100
174 85.0 0.0 173.8
176 79.4 0.0 167.0



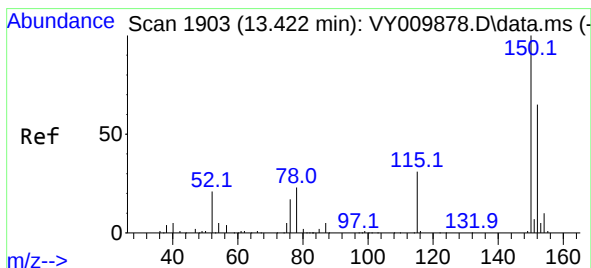
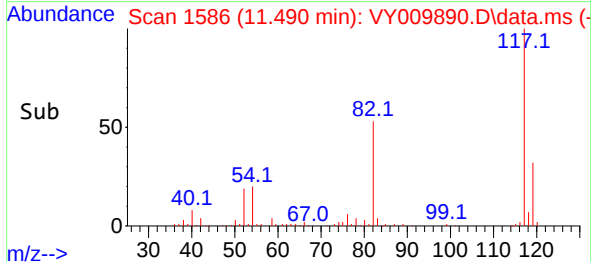
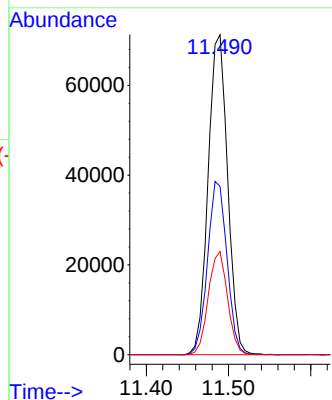
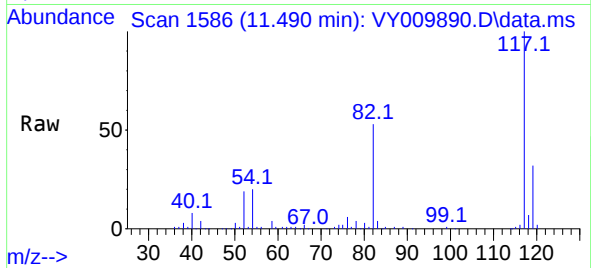


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117392
Delta R.T. 0.001 min
Lab File: VY009890.D
Acq: 08 Aug 2022 22:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0808SBL02

Tgt Ion:117 Resp: 117392

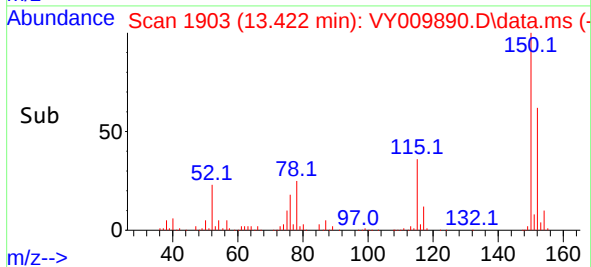
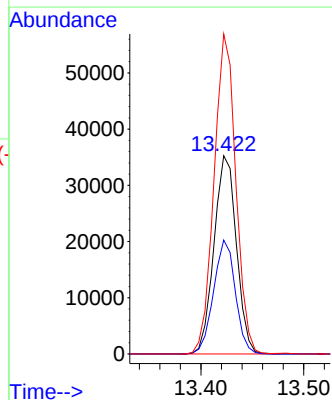
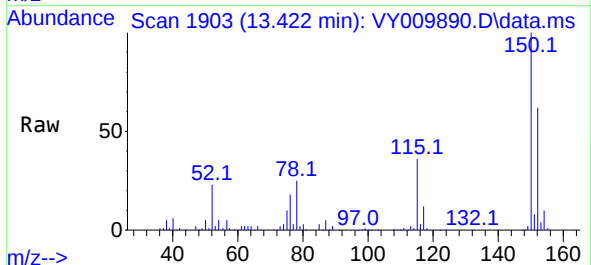
Ion	Ratio	Lower	Upper
117	100		
82	52.6	41.8	62.6
119	32.2	25.6	38.4

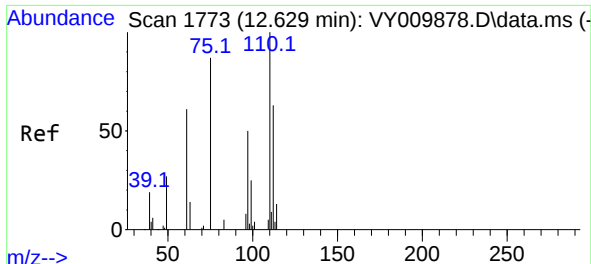


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009890.D
Acq: 08 Aug 2022 22:49

Tgt Ion:152 Resp: 53391

Ion	Ratio	Lower	Upper
152	100		
115	55.7	28.6	85.9
150	156.8	0.0	349.8

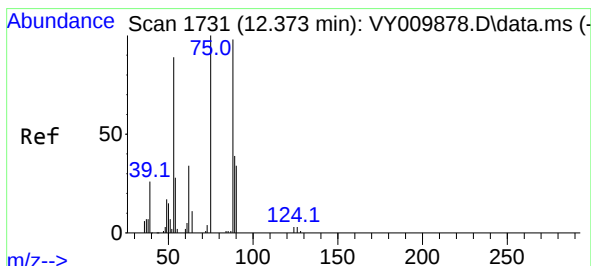
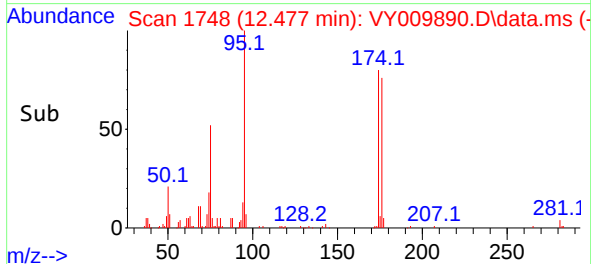
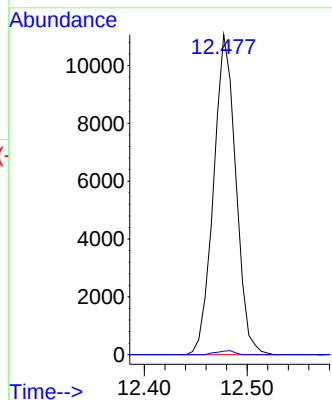
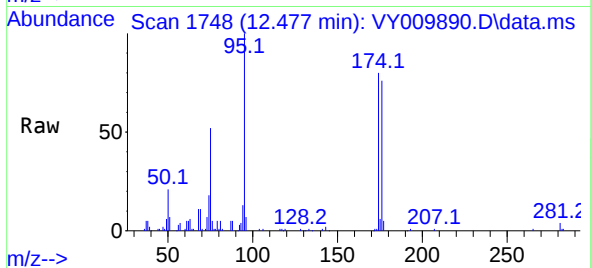




#76
1,2,3-Trichloropropane
Concen: 28.476 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009890.D
Acq: 08 Aug 2022 22:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0808SBL02

Tgt Ion: 75 Resp: 16634
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.571 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009890.D
Acq: 08 Aug 2022 22:49

Tgt Ion: 75 Resp: 16634
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 38.1 57.1#

