

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052622\
 Data File : VY009112.D
 Acq On : 26 May 2022 12:52
 Operator : KP/MD
 Sample : N3001-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-01-COMP

Quant Time: May 27 03:23:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

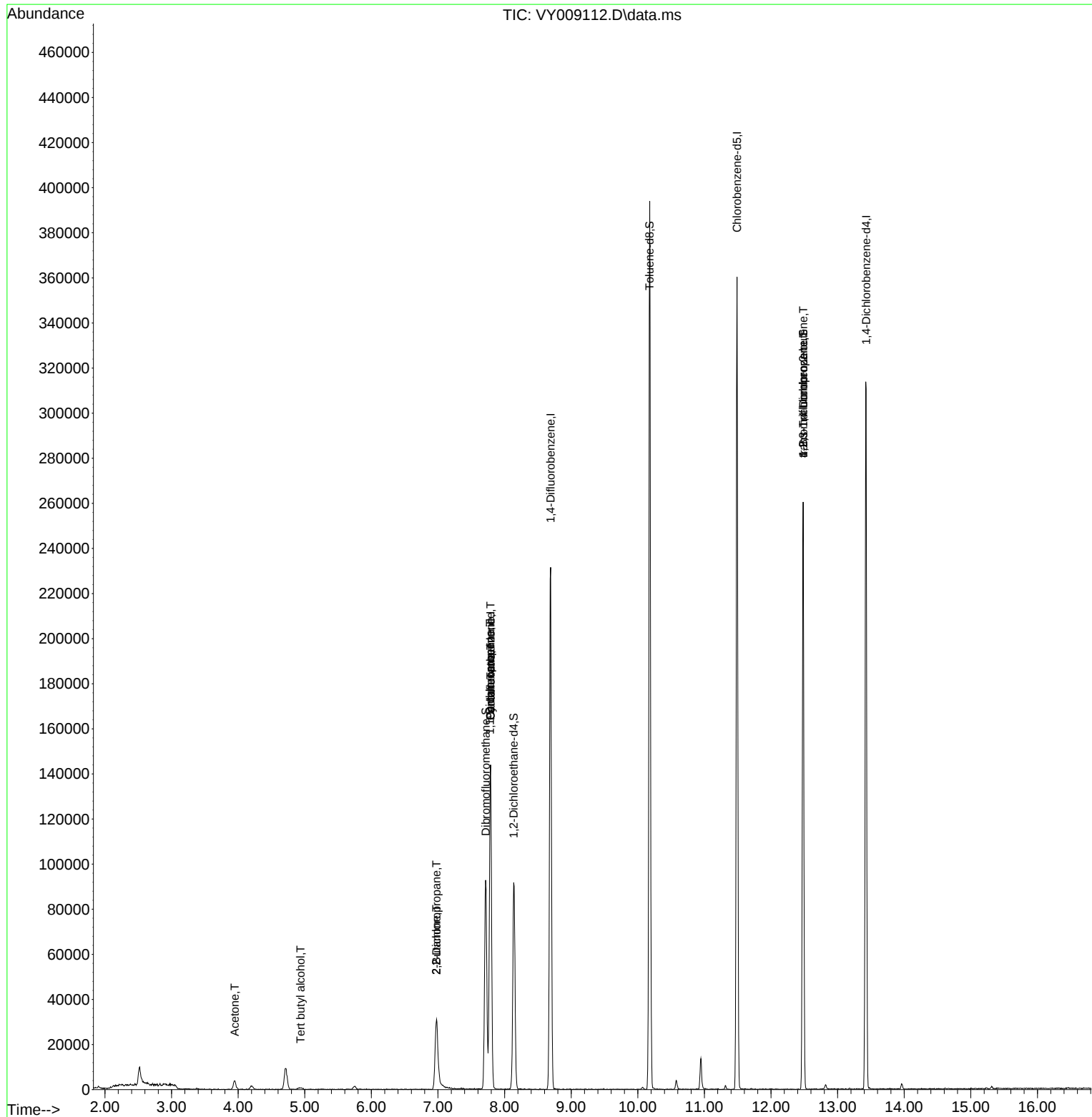
Internal Standards						
1) Pentafluorobenzene	7.789	168	110749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	194540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	181867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	68939	60.483	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.960%	
35) Dibromofluoromethane	7.716	113	63675	52.636	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.280%	
50) Toluene-d8	10.179	98	240660	53.925	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.840%	
62) 4-Bromofluorobenzene	12.483	95	66782	37.095	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 74.200%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	1247	10.786	ug/l #	77
16) Acetone	3.948	43	6590	27.775	ug/l	95
20) Methylene Chloride	4.710	84	6990	Below Cal	#	76
25) 2-Butanone	6.978	43	1841	4.344	ug/l	97
26) 2,2-Dichloropropane	6.978	77	2561	1.232	ug/l #	55
31) Cyclohexane	7.789	56	2728	1.223	ug/l #	8
36) 1,1-Dichloropropene	7.783	75	9487	4.608	ug/l #	50
38) Carbon Tetrachloride	7.789	117	11207	5.204	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	39335	47.753	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	39335	98.013	ug/l #	7

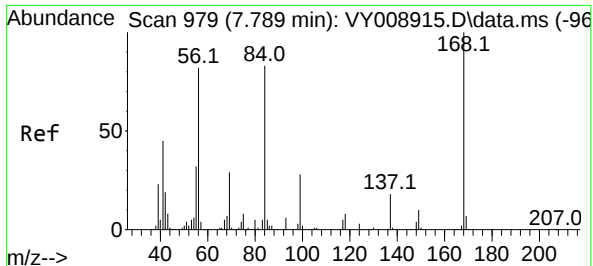
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052622\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

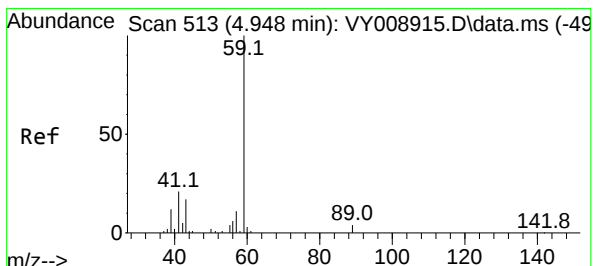
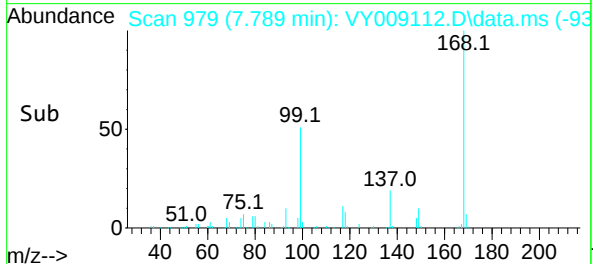
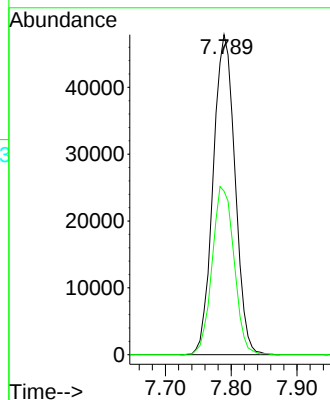
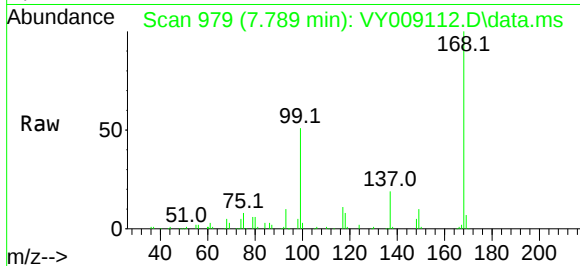




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009112.D
Acq: 26 May 2022 12:52

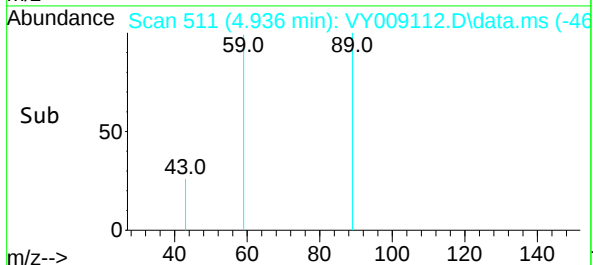
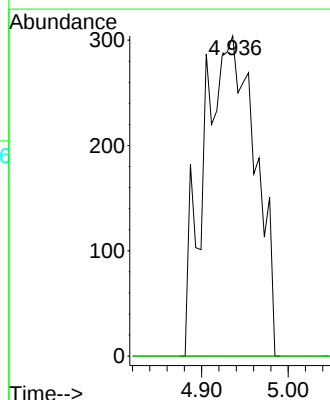
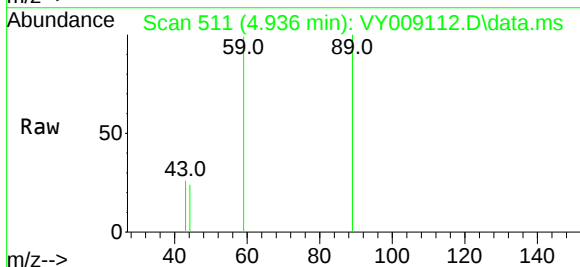
Instrument :
MSVOA_Y
ClientSampleId :
TP-01-COMP

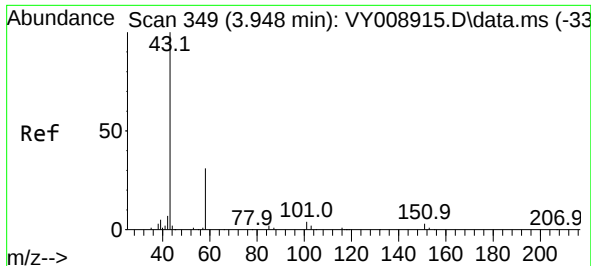
Tgt Ion:168 Resp: 110749
Ion Ratio Lower Upper
168 100
99 51.1 46.9 70.3



#11
Tert butyl alcohol
Concen: 10.786 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY009112.D
Acq: 26 May 2022 12:52

Tgt Ion: 59 Resp: 1247
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

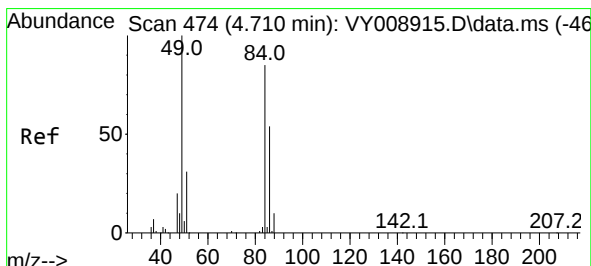
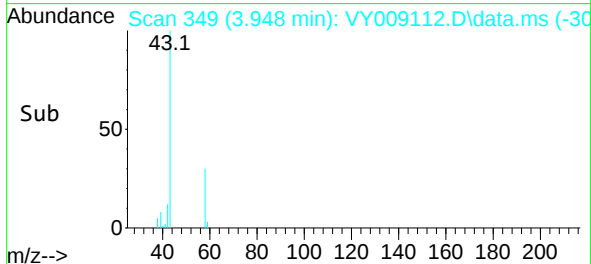
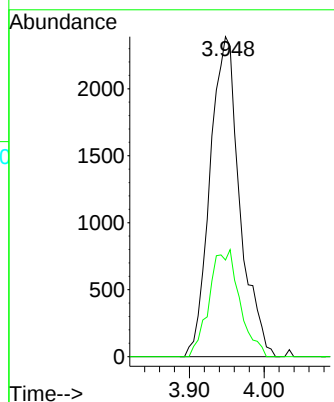
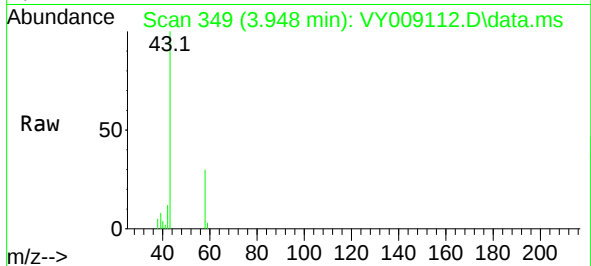




#16
Acetone
Concen: 27.775 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY009112.D
Acq: 26 May 2022 12:52

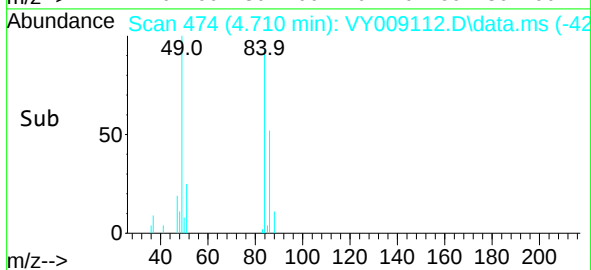
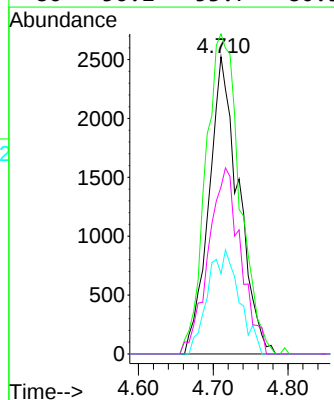
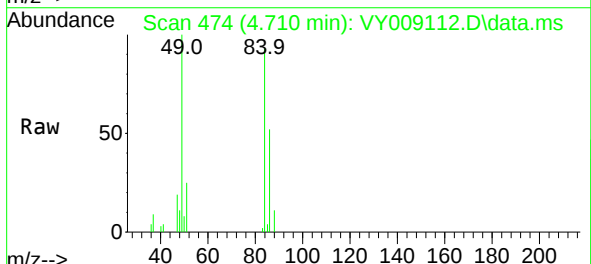
Instrument :
MSVOA_Y
ClientSampleId :
TP-01-COMP

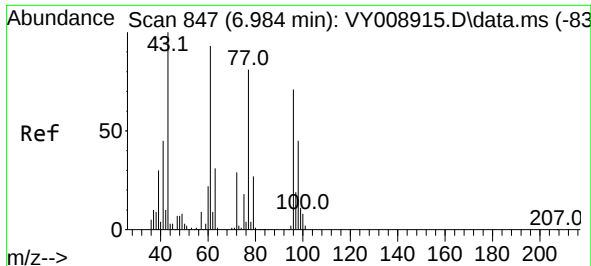
Tgt Ion: 43 Resp: 6590
Ion Ratio Lower Upper
43 100
58 30.2 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY009112.D
Acq: 26 May 2022 12:52

Tgt Ion: 84 Resp: 6990
Ion Ratio Lower Upper
84 100
49 107.7 114.4 171.6#
51 27.0 35.3 52.9#
86 56.2 53.7 80.5





#25

2-Butanone

Concen: 4.344 ug/l

RT: 6.978 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY009112.D

Acq: 26 May 2022 12:52

Instrument :

MSVOA_Y

ClientSampleId :

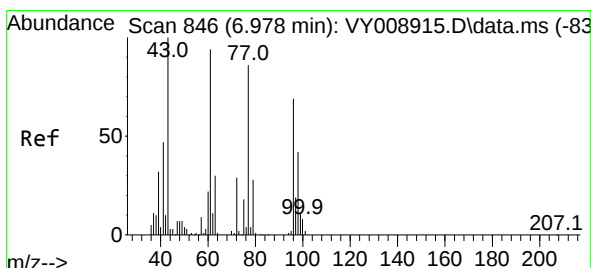
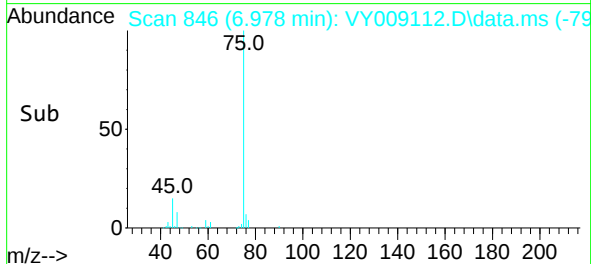
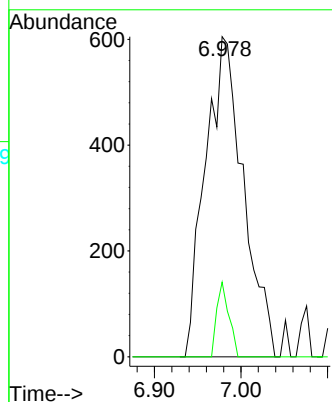
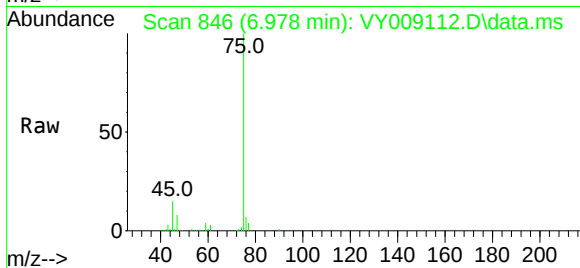
TP-01-COMP

Tgt Ion: 43 Resp: 1841

Ion Ratio Lower Upper

43 100

72 23.3 17.7 26.5



#26

2,2-Dichloropropane

Concen: 1.232 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009112.D

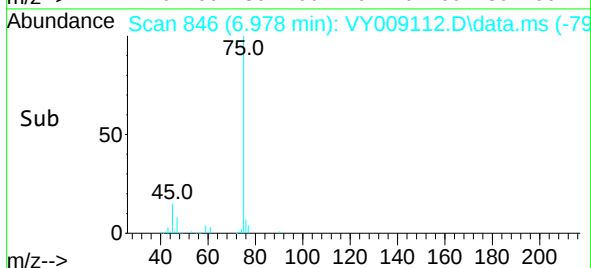
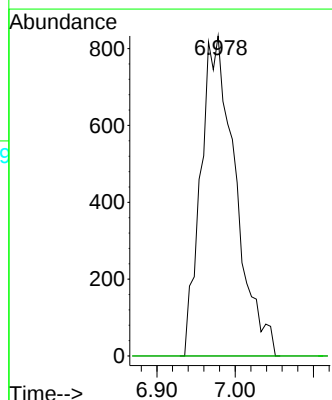
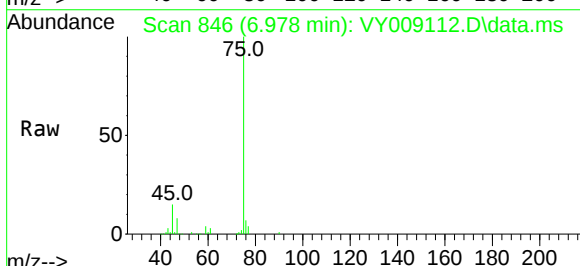
Acq: 26 May 2022 12:52

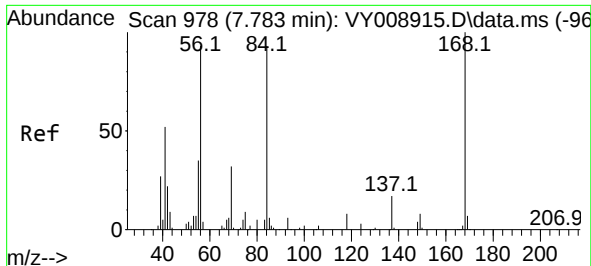
Tgt Ion: 77 Resp: 2561

Ion Ratio Lower Upper

77 100

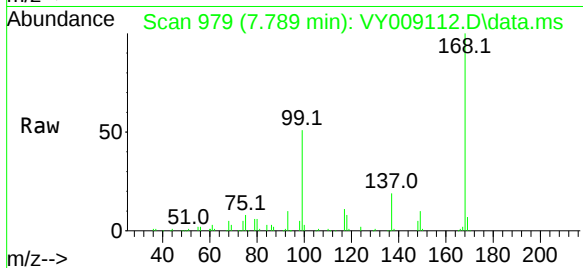
97 0.0 10.4 31.4#



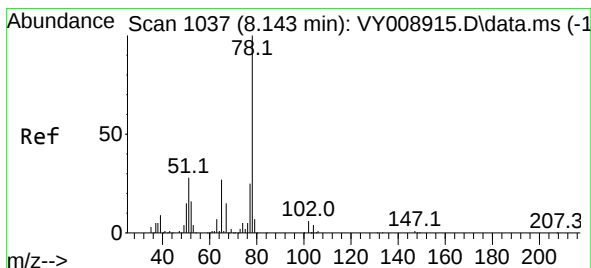
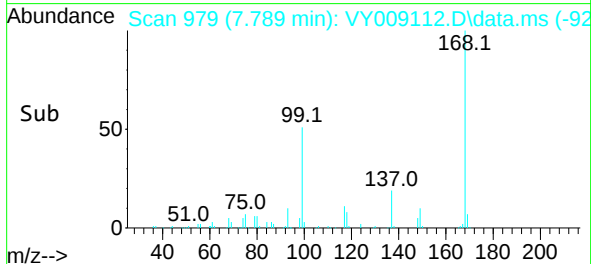
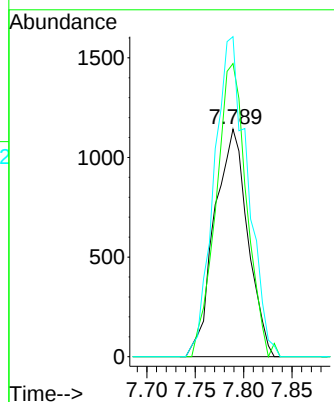


#31
Cyclohexane
Concen: 1.223 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009112.D
Acq: 26 May 2022 12:52

Instrument :
MSVOA_Y
ClientSampleId :
TP-01-COMP

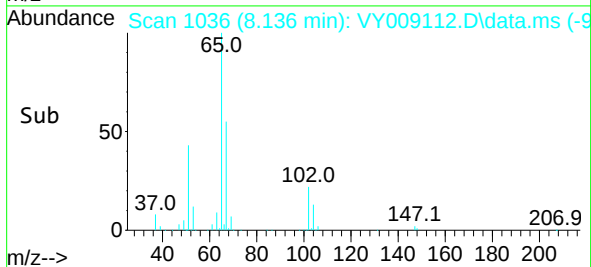
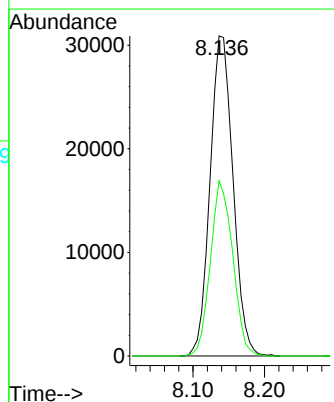
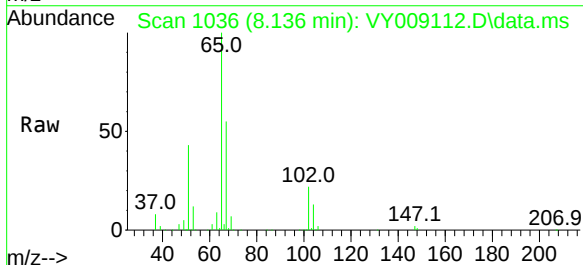


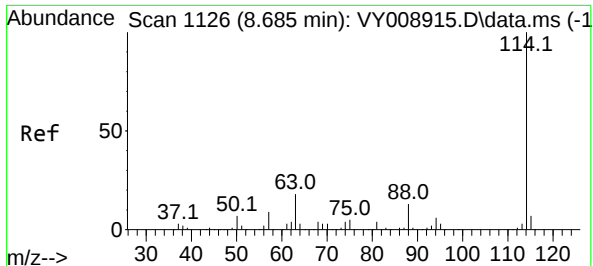
Tgt Ion: 56 Resp: 2728
Ion Ratio Lower Upper
56 100
69 128.8 26.7 40.1#
84 140.6 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 60.483 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY009112.D
Acq: 26 May 2022 12:52

Tgt Ion: 65 Resp: 68939
Ion Ratio Lower Upper
65 100
67 53.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY009112.D

Acq: 26 May 2022 12:52

Instrument :

MSVOA_Y

ClientSampleId :

TP-01-COMP

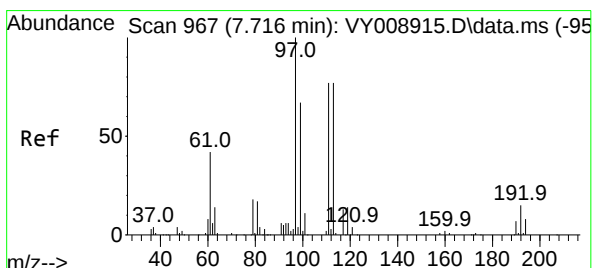
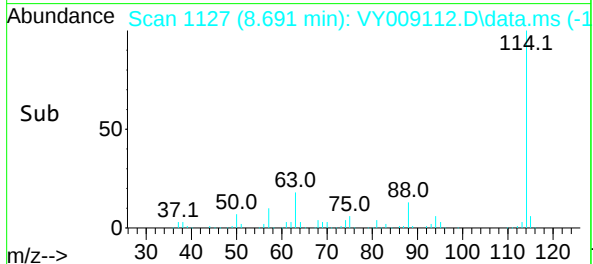
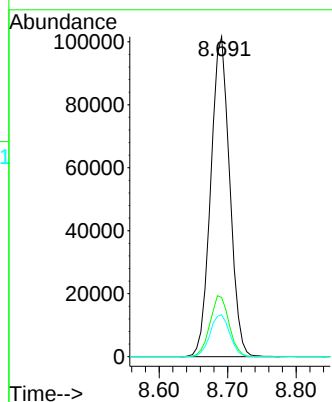
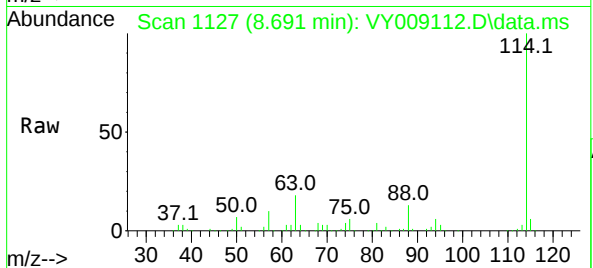
Tgt Ion:114 Resp: 194540

Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 13.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.636 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009112.D

Acq: 26 May 2022 12:52

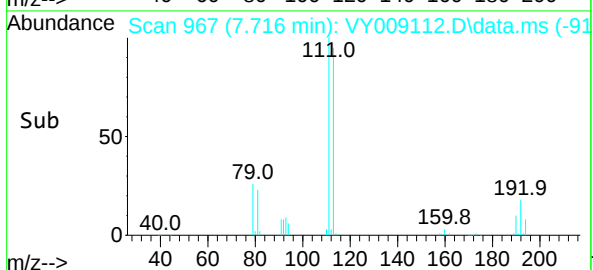
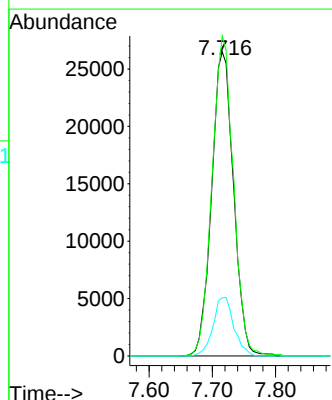
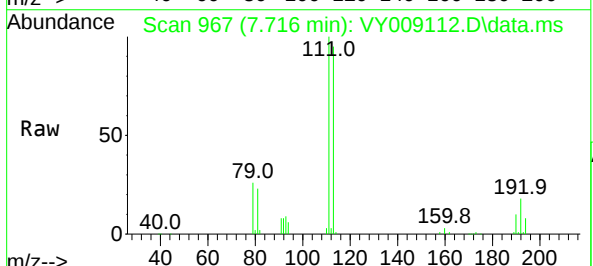
Tgt Ion:113 Resp: 63675

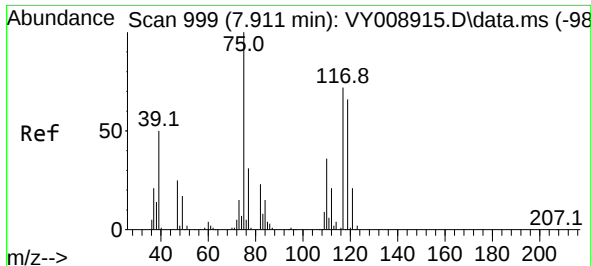
Ion Ratio Lower Upper

113 100

111 102.9 82.6 124.0

192 18.3 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.608 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY009112.D

Acq: 26 May 2022 12:52

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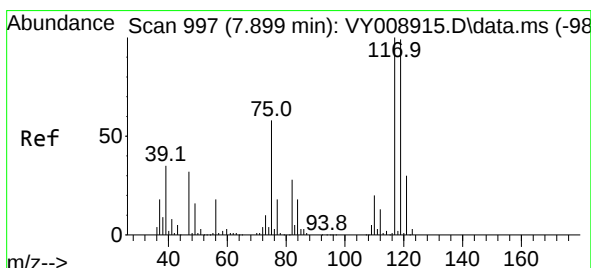
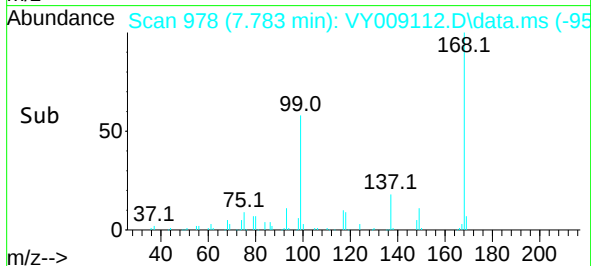
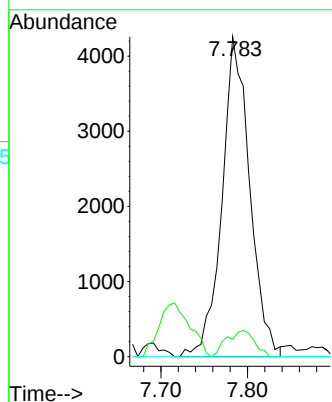
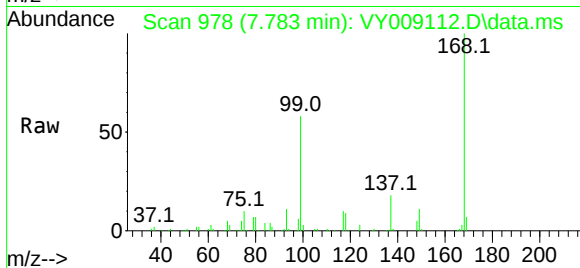
Tgt Ion: 75 Resp: 9487

Ion Ratio Lower Upper

75 100

110 8.3 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.204 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY009112.D

Acq: 26 May 2022 12:52

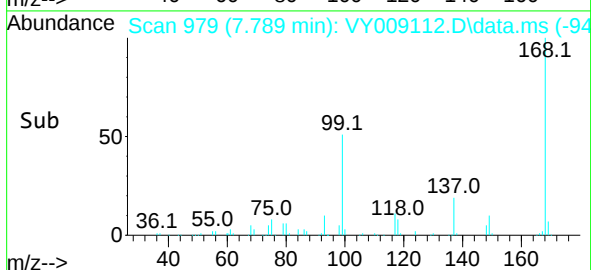
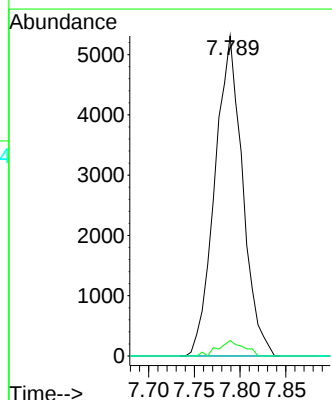
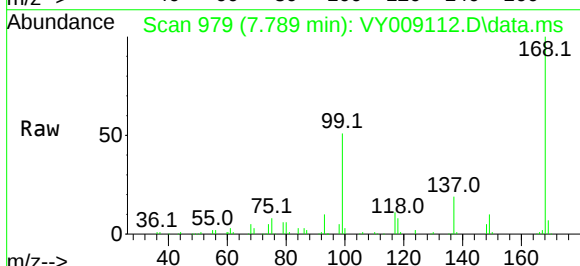
Tgt Ion: 117 Resp: 11207

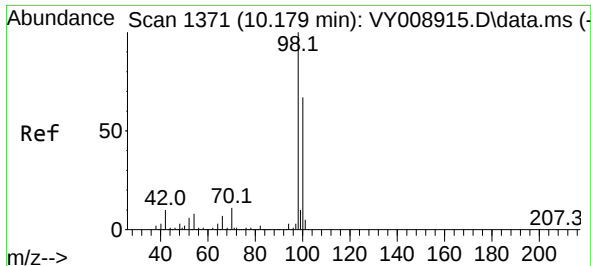
Ion Ratio Lower Upper

117 100

119 4.8 77.9 116.9#

121 0.0 24.8 37.2#

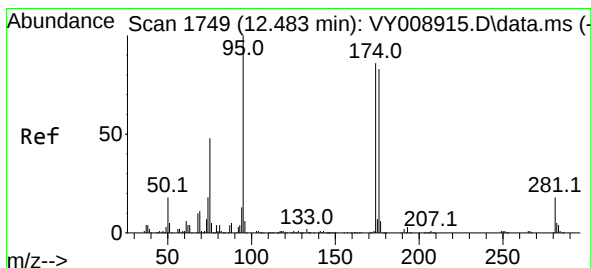
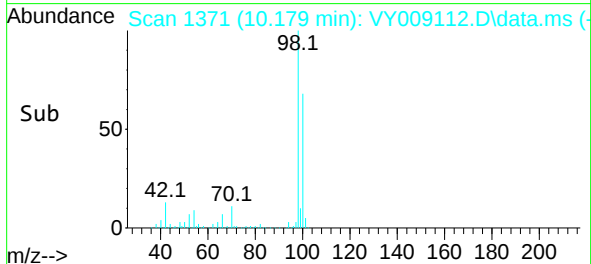
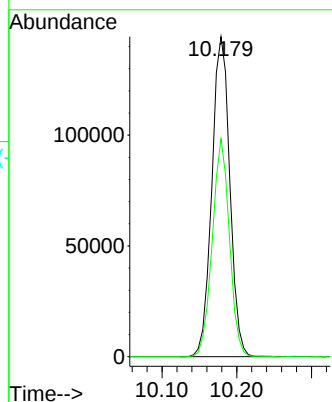
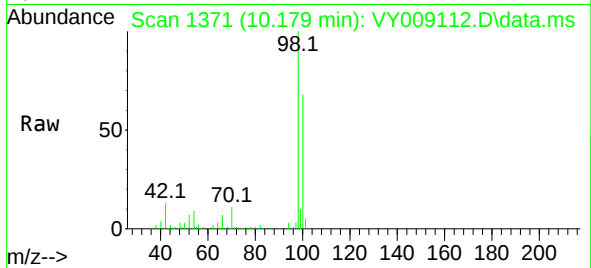




#50
Toluene-d8
Concen: 53.925 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009112.D
Acq: 26 May 2022 12:52

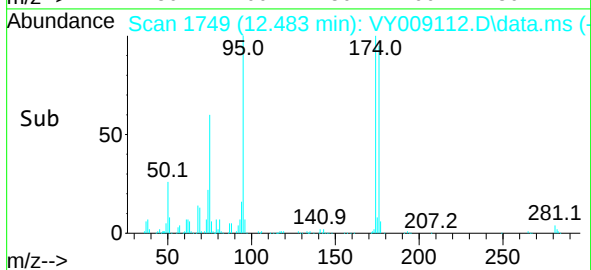
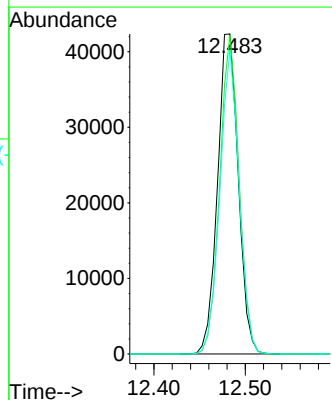
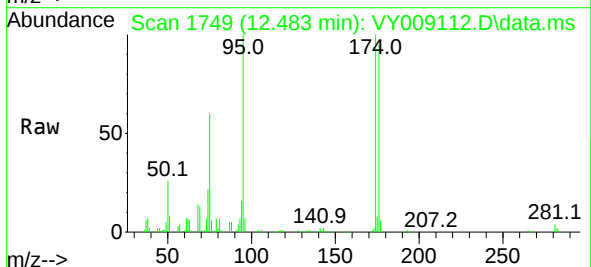
Instrument :
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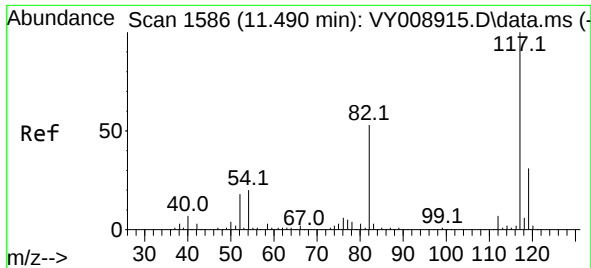
Tgt Ion: 98 Resp: 240660
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 37.095 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009112.D
Acq: 26 May 2022 12:52

Tgt Ion: 95 Resp: 66782
Ion Ratio Lower Upper
95 100
174 93.1 0.0 177.0
176 88.5 0.0 175.8

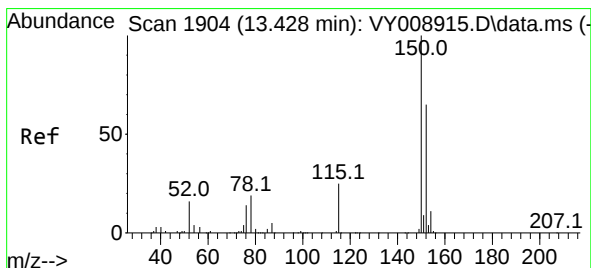
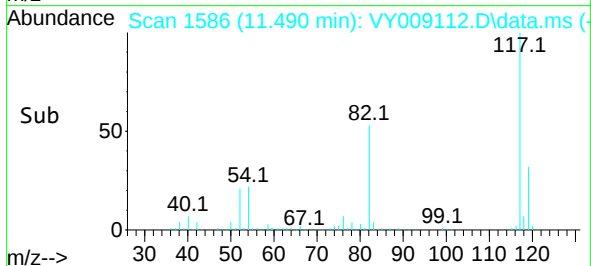
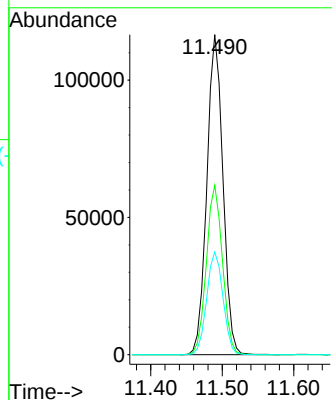
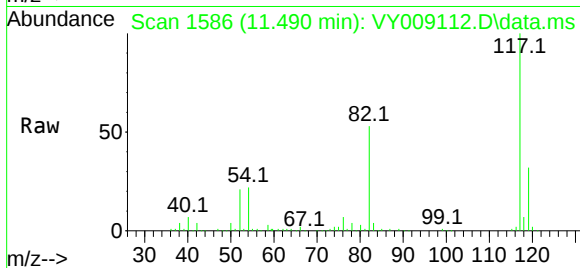




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY009112.D
Acq: 26 May 2022 12:52

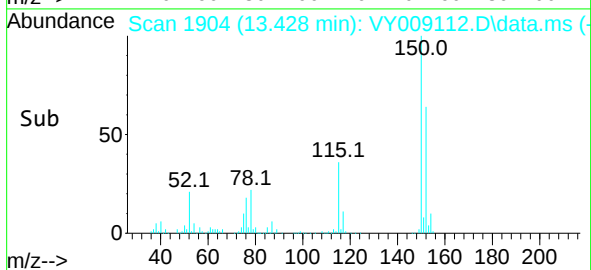
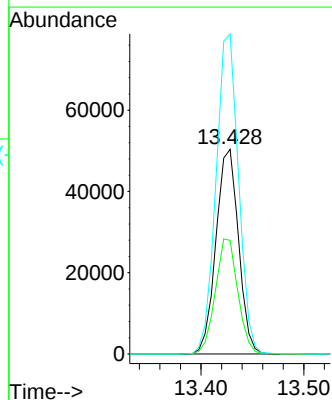
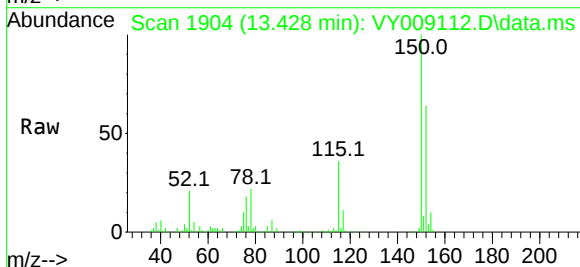
Instrument :
MSVOA_Y
ClientSampleId :
TP-01-COMP

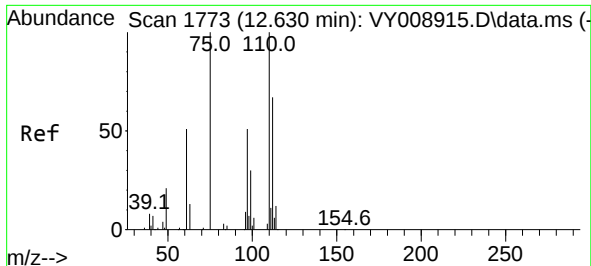
Tgt Ion:117 Resp: 181867
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY009112.D
Acq: 26 May 2022 12:52

Tgt Ion:152 Resp: 76705
Ion Ratio Lower Upper
152 100
115 56.1 28.2 84.7
150 156.2 0.0 347.6

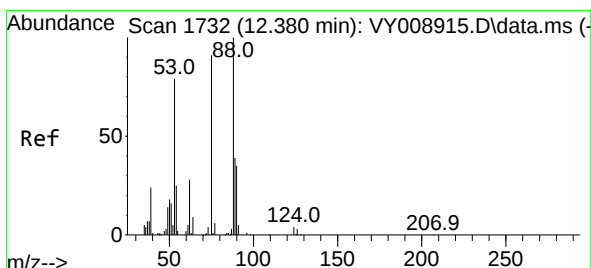
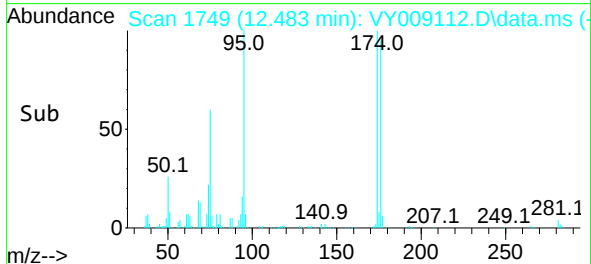
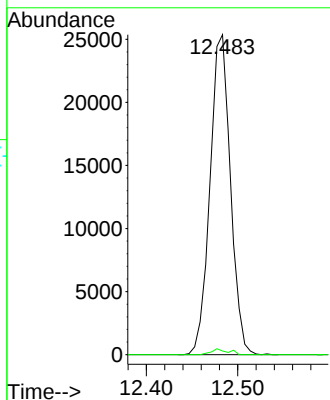
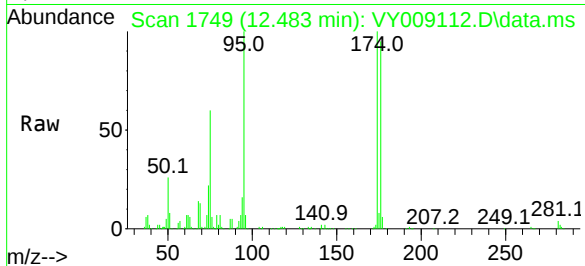




#76
1,2,3-Trichloropropane
Concen: 47.753 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY009112.D
Acq: 26 May 2022 12:52

Instrument :
MSVOA_Y
ClientSampleId :
TP-01-COMP

Tgt Ion: 75 Resp: 39335
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.013 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY009112.D
Acq: 26 May 2022 12:52

Tgt Ion: 75 Resp: 39335
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

