

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062522\
 Data File : VY009336.D
 Acq On : 25 Jun 2022 20:02
 Operator : KP/MD
 Sample : N3488-16
 Misc : 4.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 27 10:34:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 25 07:08:46 2022
 Response via : Initial Calibration

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

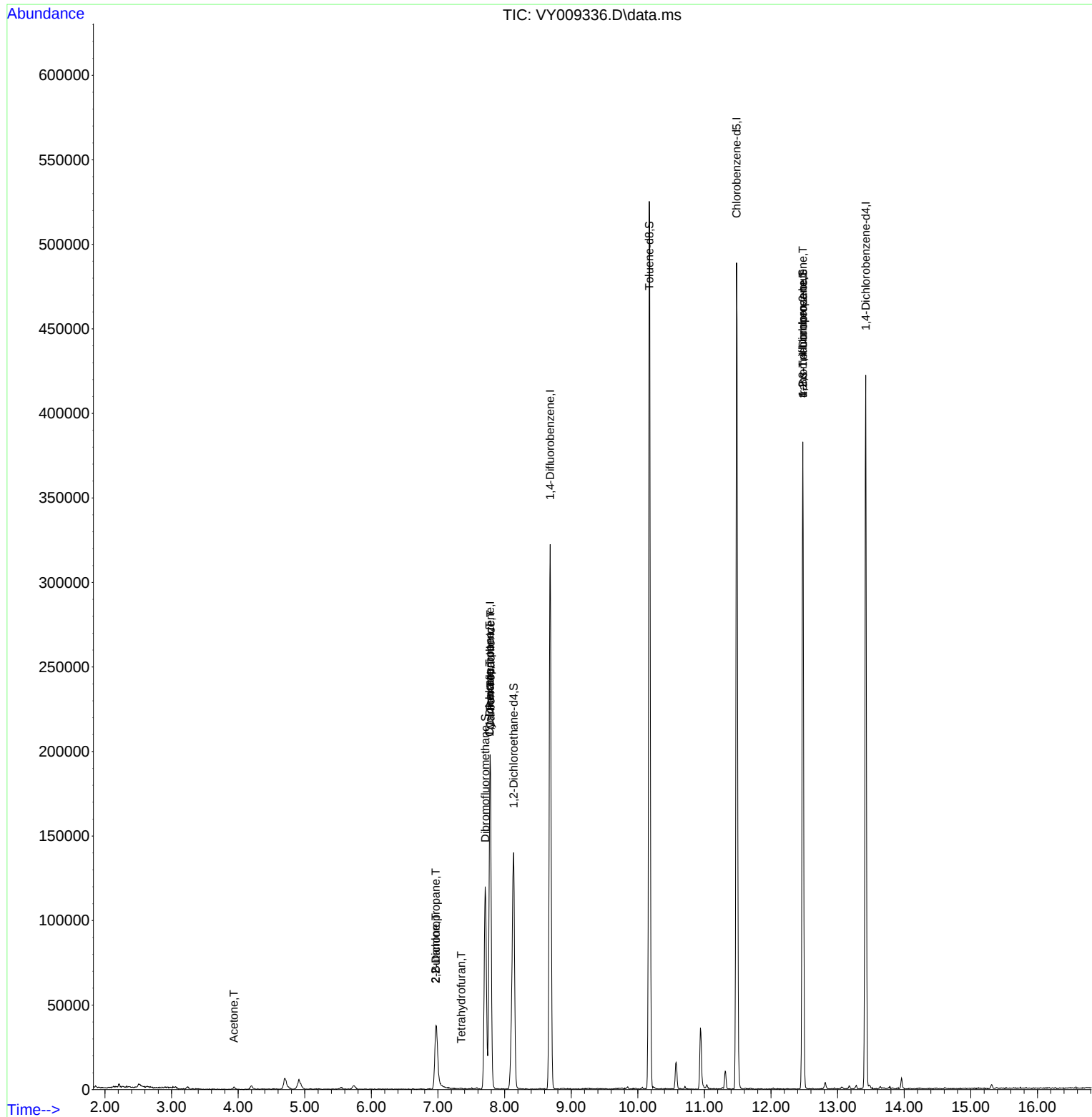
Internal Standards						
1) Pentafluorobenzene	7.783	168	153472	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	270841	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	259899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	103833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	93303	83.834	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 167.660%#	
35) Dibromofluoromethane	7.710	113	82198	56.227	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.460%	
50) Toluene-d8	10.173	98	325028	80.197	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 160.400%#	
62) 4-Bromofluorobenzene	12.477	95	108325	52.028	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.060%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.911	59	5442	Below Cal	#	78
16) Acetone	3.936	43	1736	4.424	ug/l #	89
20) Methylene Chloride	4.698	84	4389	Below Cal	#	91
25) 2-Butanone	6.966	43	2406	4.078	ug/l	98
26) 2,2-Dichloropropane	6.966	77	2948	1.107	ug/l #	52
29) Tetrahydrofuran	7.350	42	393	1.038	ug/l #	49
31) Cyclohexane	7.777	56	3267	1.177	ug/l #	5
36) 1,1-Dichloropropene	7.777	75	11727	4.780	ug/l #	48
38) Carbon Tetrachloride	7.789	117	15061	5.970	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	56125	55.701	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	56125	110.263	ug/l #	13

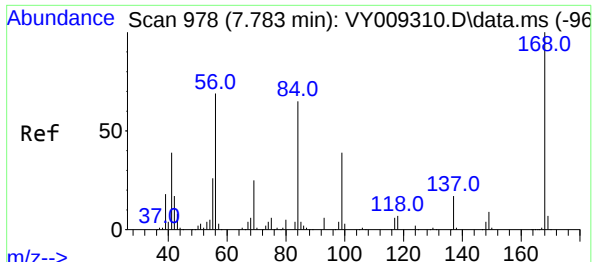
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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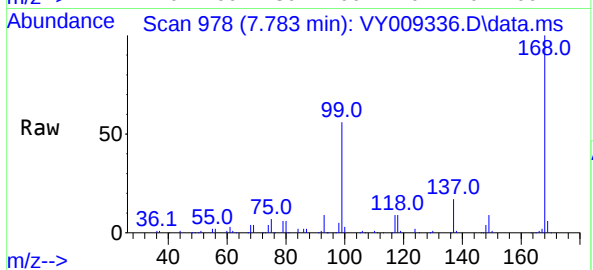
Quant Time: Jun 27 10:34:20 2022
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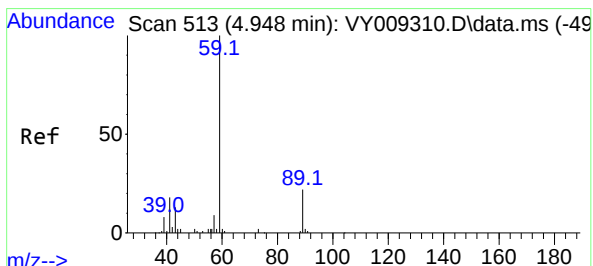
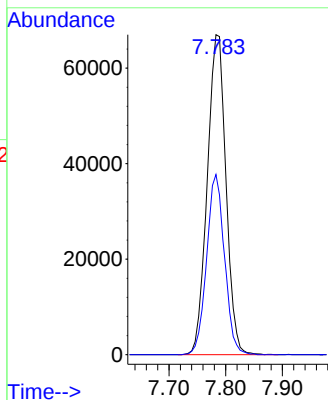
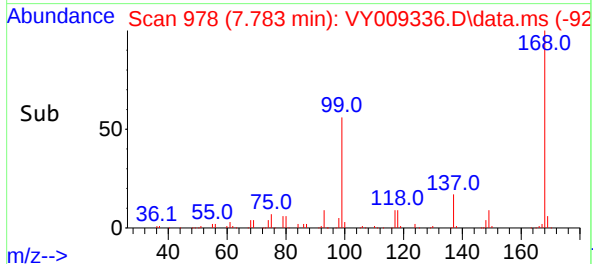


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009336.D
Acq: 25 Jun 2022 20:02

Instrument :
MSVOA_Y
ClientSampleId :

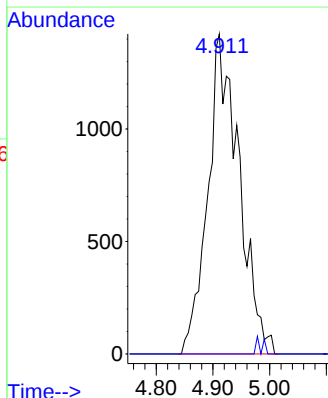
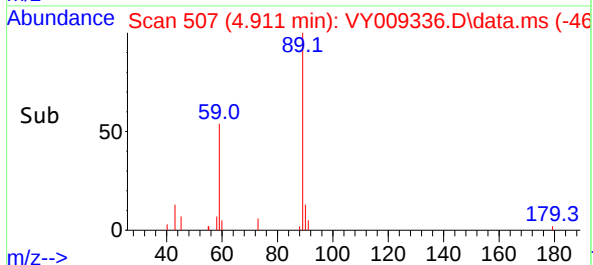
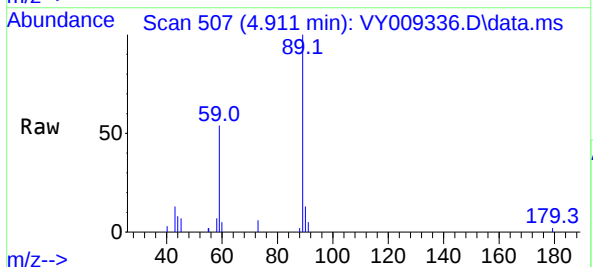


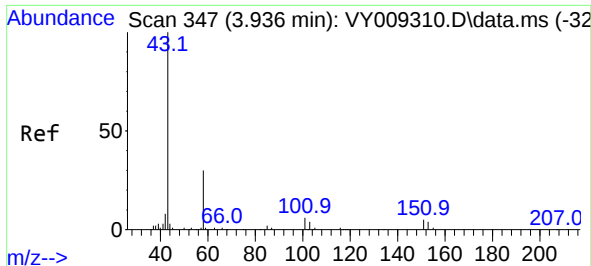
Tgt Ion:168 Resp: 153472
Ion Ratio Lower Upper
168 100
99 56.3 42.1 63.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.911 min Scan# 507
Delta R.T. -0.037 min
Lab File: VY009336.D
Acq: 25 Jun 2022 20:02

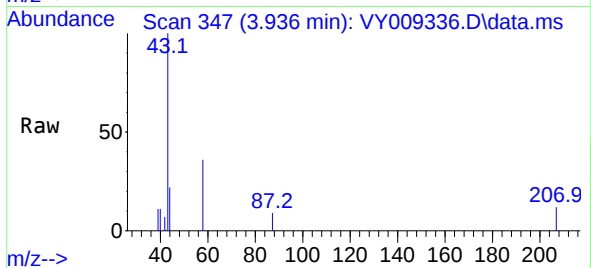
Tgt Ion: 59 Resp: 5442
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#



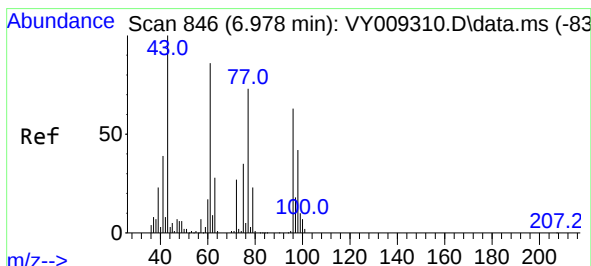
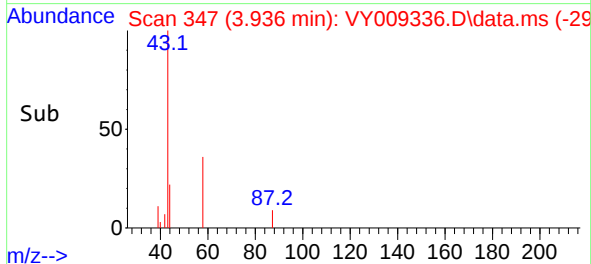
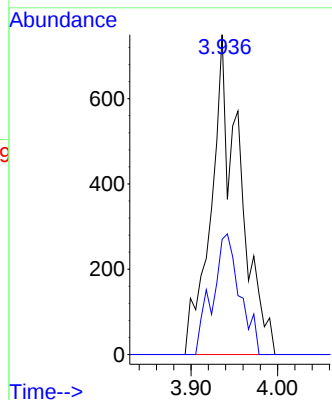


#16
Acetone
Concen: 4.424 ug/l
RT: 3.936 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY009336.D
Acq: 25 Jun 2022 20:02

Instrument :
MSVOA_Y
ClientSampleId :

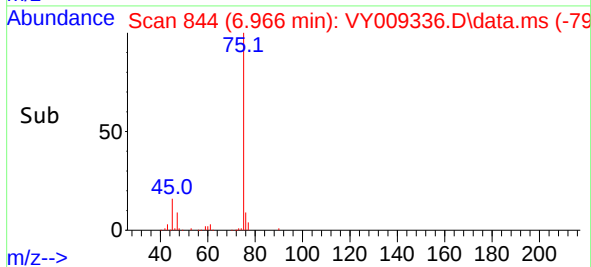
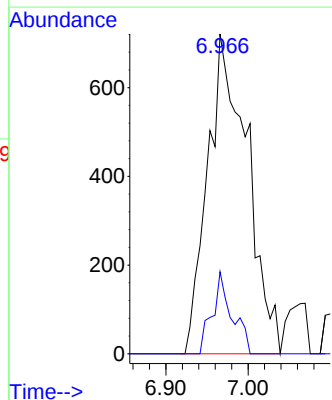
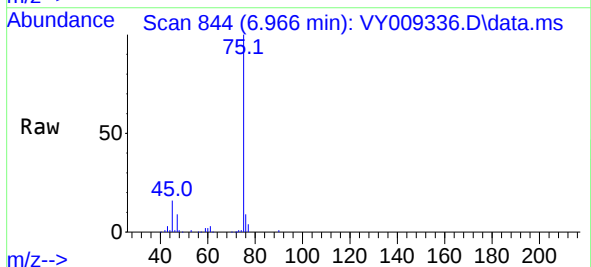


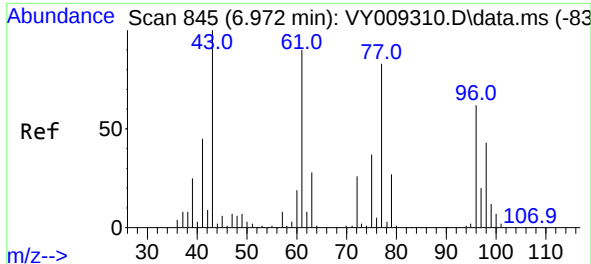
Tgt Ion: 43 Resp: 1736
Ion Ratio Lower Upper
43 100
58 36.0 24.0 36.0#



#25
2-Butanone
Concen: 4.078 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY009336.D
Acq: 25 Jun 2022 20:02

Tgt Ion: 43 Resp: 2406
Ion Ratio Lower Upper
43 100
72 25.7 21.5 32.3





#26

2,2-Dichloropropane

Concen: 1.107 ug/l

RT: 6.966 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY009336.D

Acq: 25 Jun 2022 20:02

Instrument :

MSVOA_Y

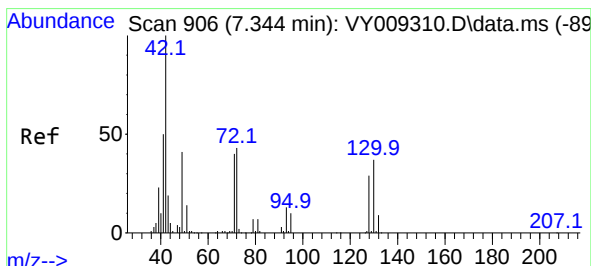
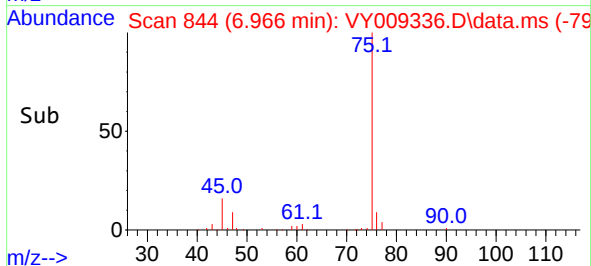
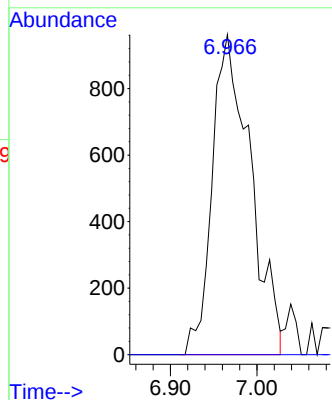
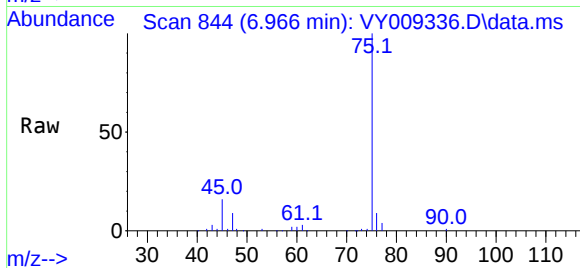
ClientSampleId :

Tgt Ion: 77 Resp: 2948

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.0#



#29

Tetrahydrofuran

Concen: 1.038 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY009336.D

Acq: 25 Jun 2022 20:02

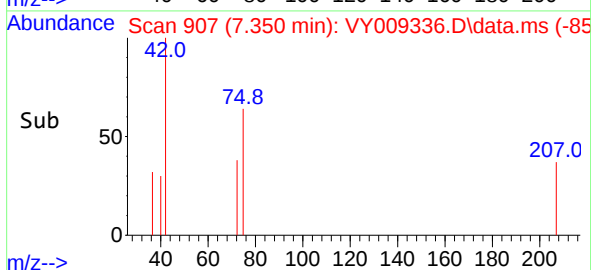
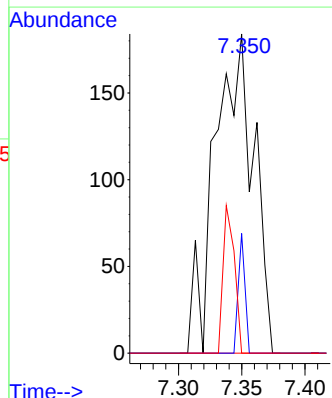
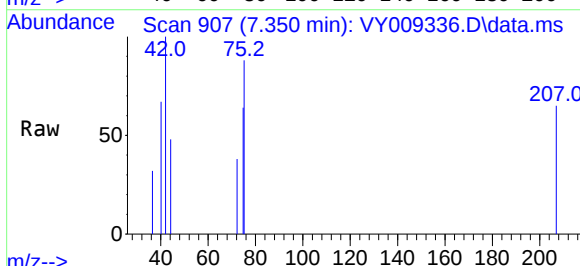
Tgt Ion: 42 Resp: 393

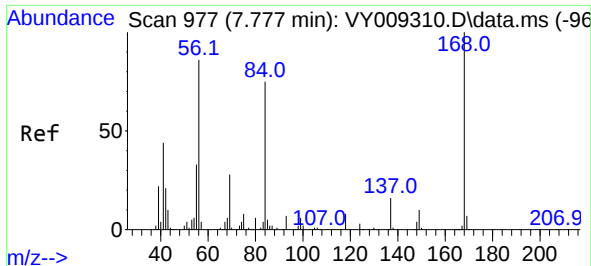
Ion Ratio Lower Upper

42 100

72 6.4 34.6 52.0#

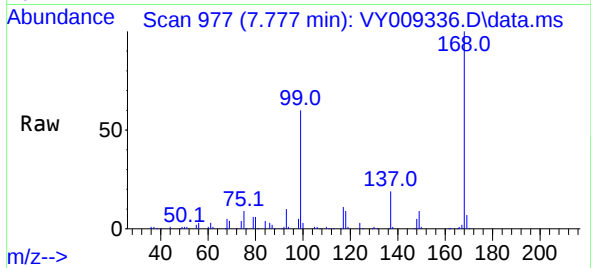
71 13.5 32.7 49.1#



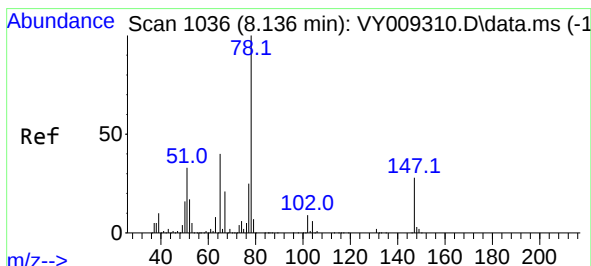
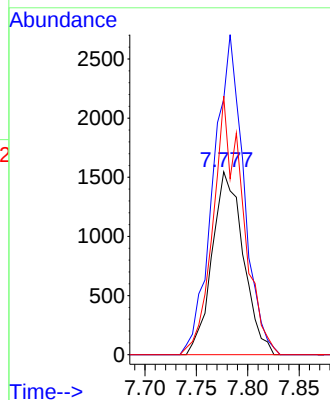
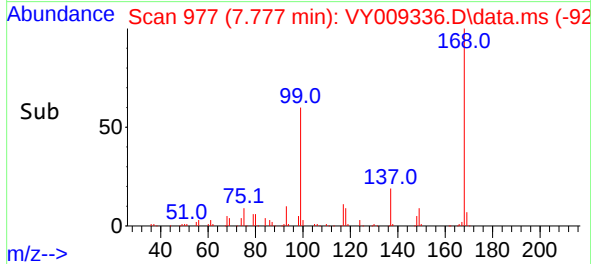


#31
Cyclohexane
Concen: 1.177 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009336.D
Acq: 25 Jun 2022 20:02

Instrument :
MSVOA_Y
ClientSampleId :

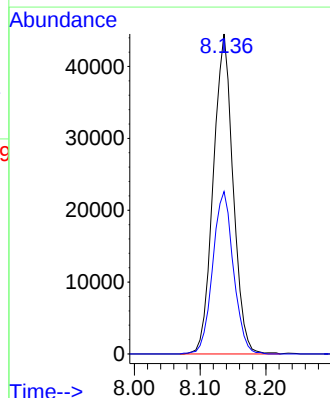
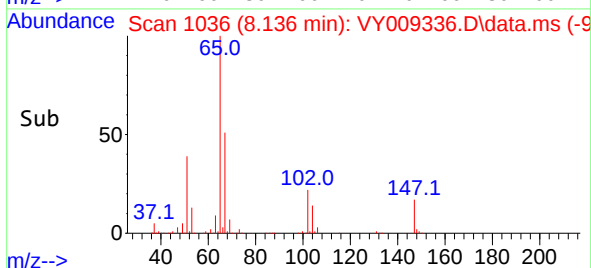
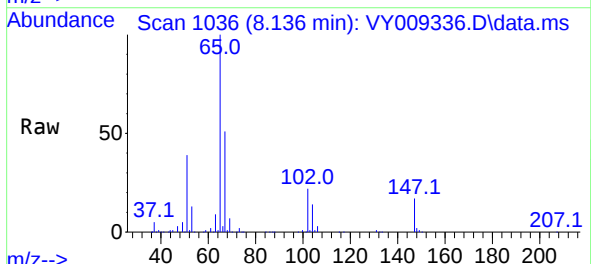


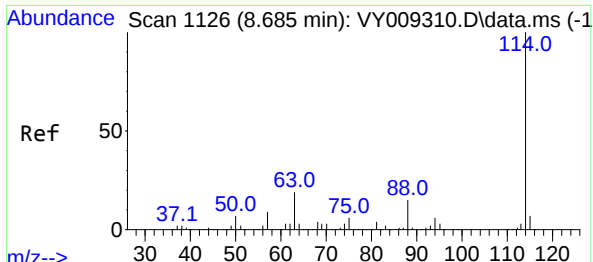
Tgt Ion: 56 Resp: 3267
Ion Ratio Lower Upper
56 100
69 139.7 26.0 39.0#
84 141.4 69.5 104.3#



#33
1,2-Dichloroethane-d4
Concen: 83.834 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009336.D
Acq: 25 Jun 2022 20:02

Tgt Ion: 65 Resp: 93303
Ion Ratio Lower Upper
65 100
67 53.0 0.0 108.4

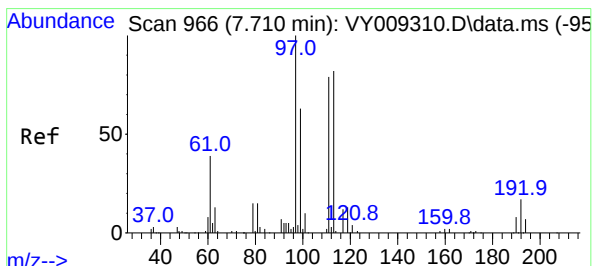
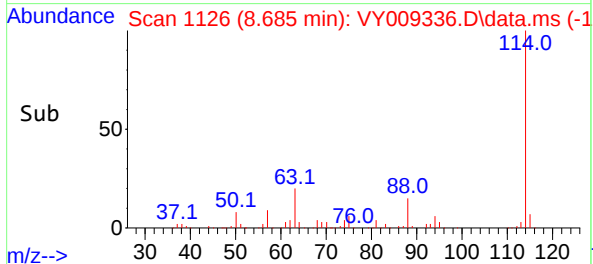
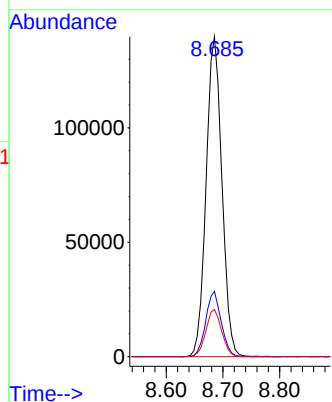
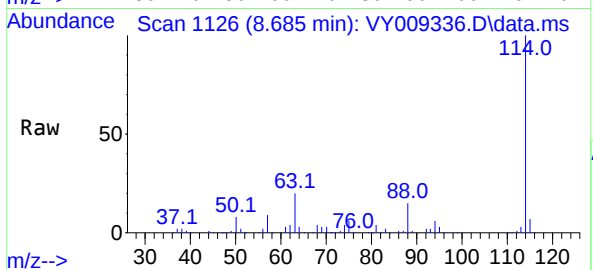




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009336.D
Acq: 25 Jun 2022 20:02

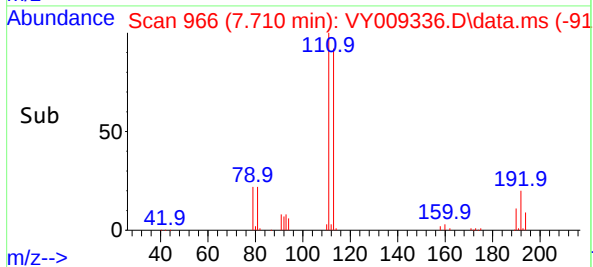
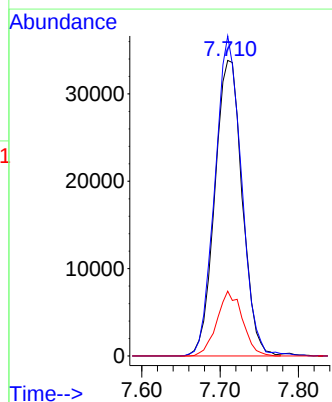
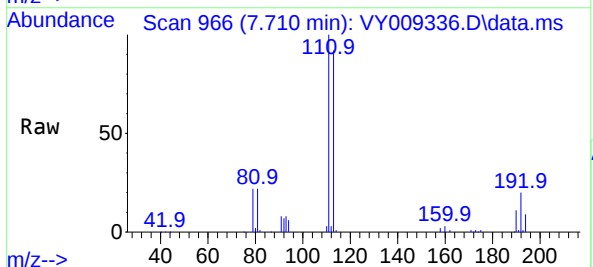
Instrument :
MSVOA_Y
ClientSampleId :

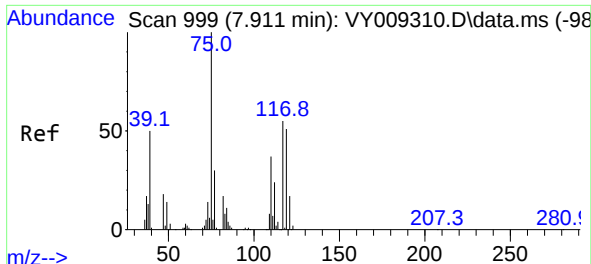
Tgt Ion:114 Resp: 270841
Ion Ratio Lower Upper
114 100
63 20.4 0.0 38.0
88 14.7 0.0 30.0



#35
Dibromofluoromethane
Concen: 56.227 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY009336.D
Acq: 25 Jun 2022 20:02

Tgt Ion:113 Resp: 82198
Ion Ratio Lower Upper
113 100
111 104.9 80.6 120.8
192 20.5 16.2 24.4





#36

1,1-Dichloropropene

Concen: 4.780 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.134 min

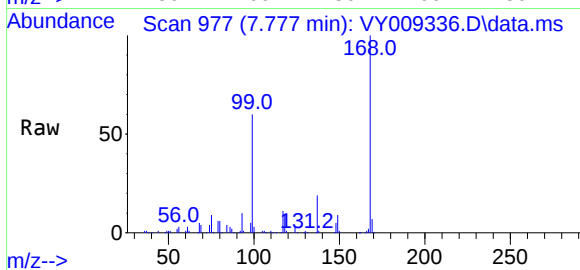
Lab File: VY009336.D

Acq: 25 Jun 2022 20:02

Instrument :

MSVOA_Y

ClientSampleId :



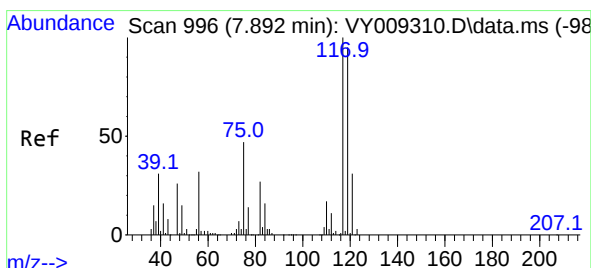
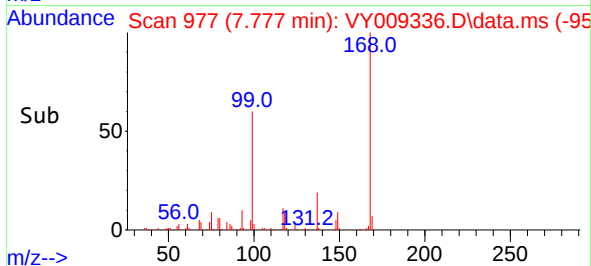
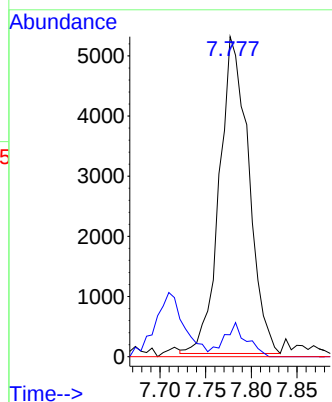
Tgt Ion: 75 Resp: 11727

Ion Ratio Lower Upper

75 100

110 8.2 18.6 56.0#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.970 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.104 min

Lab File: VY009336.D

Acq: 25 Jun 2022 20:02

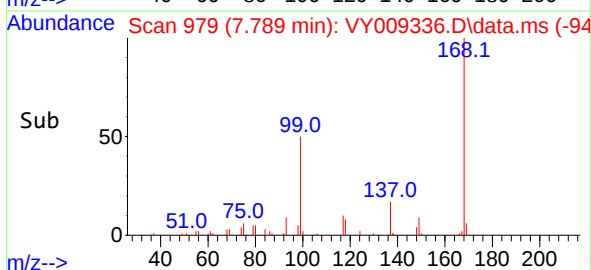
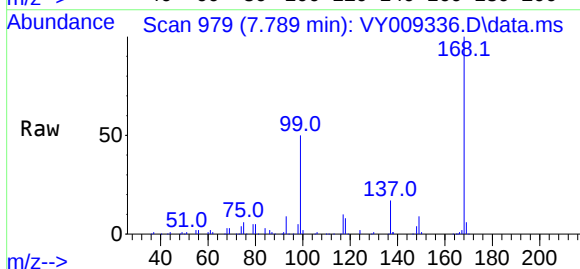
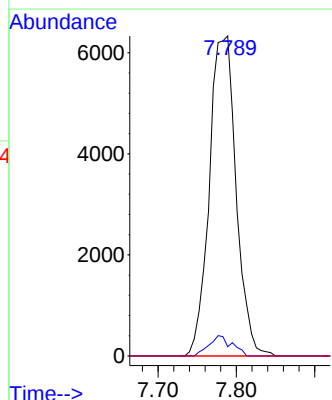
Tgt Ion: 117 Resp: 15061

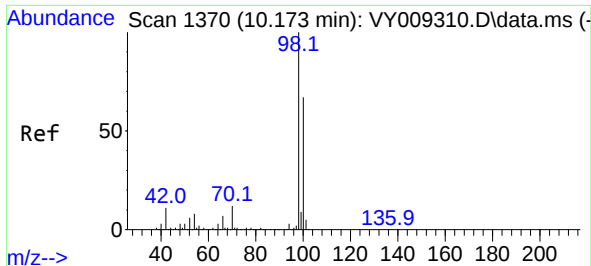
Ion Ratio Lower Upper

117 100

119 2.9 75.9 113.9#

121 0.0 24.9 37.3#

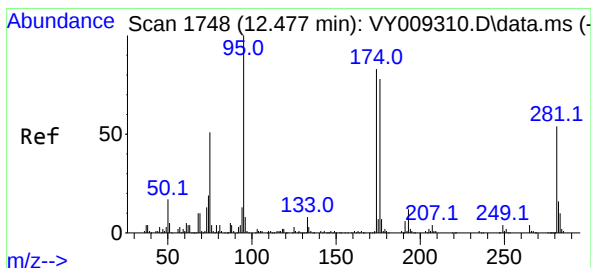
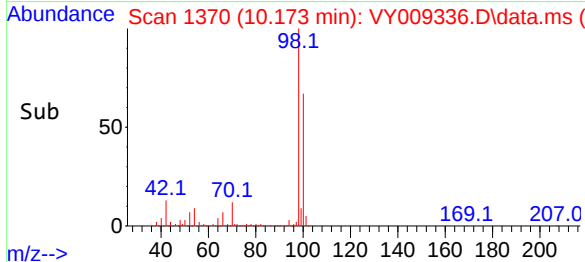
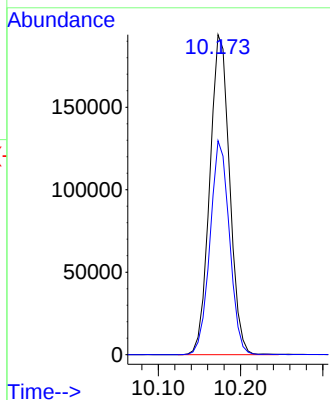
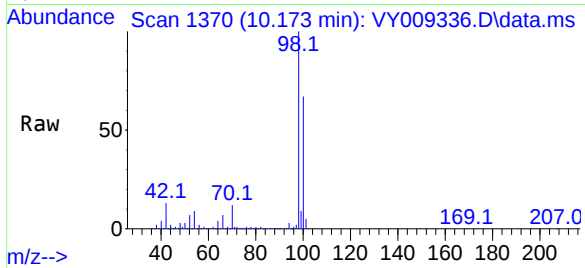




#50
Toluene-d8
Concen: 80.197 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009336.D
Acq: 25 Jun 2022 20:02

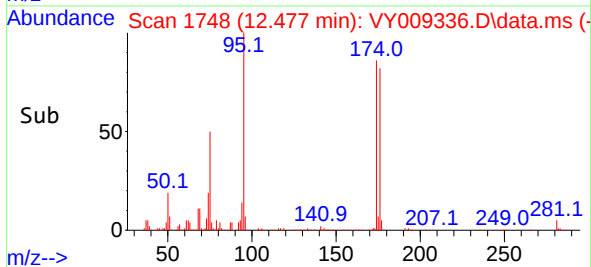
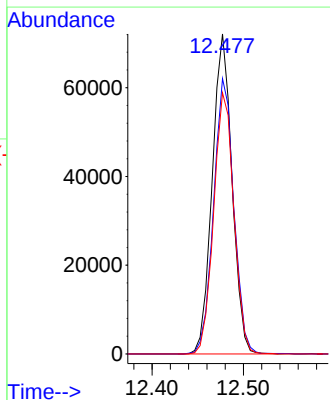
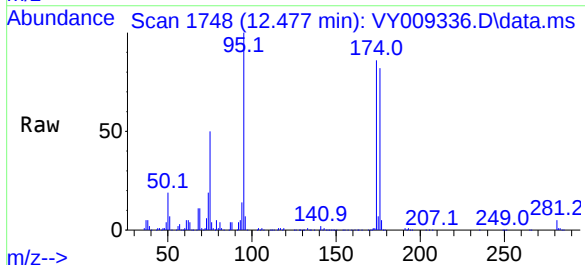
Instrument :
MSVOA_Y
ClientSampleId :

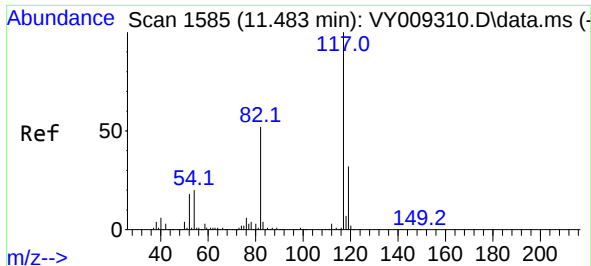
Tgt Ion: 98 Resp: 325028
Ion Ratio Lower Upper
98 100
100 65.6 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 52.028 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009336.D
Acq: 25 Jun 2022 20:02

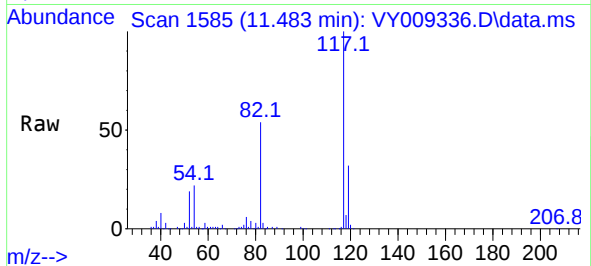
Tgt Ion: 95 Resp: 108325
Ion Ratio Lower Upper
95 100
174 88.1 0.0 173.8
176 83.3 0.0 167.0



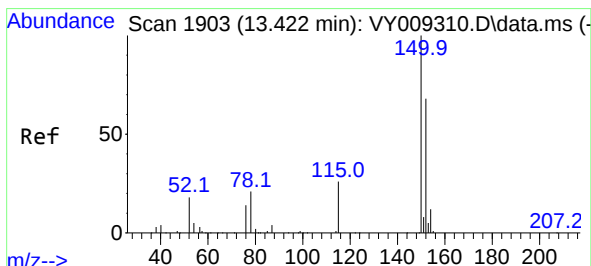
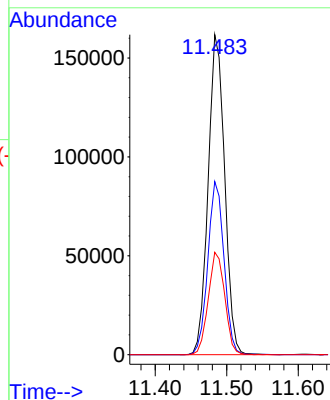
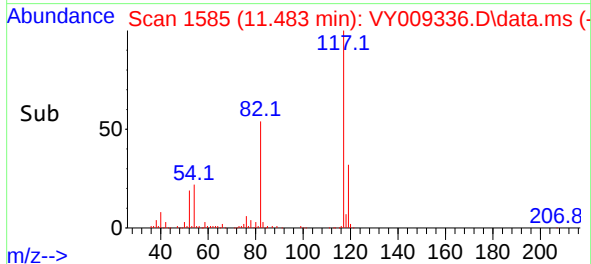


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009336.D
Acq: 25 Jun 2022 20:02

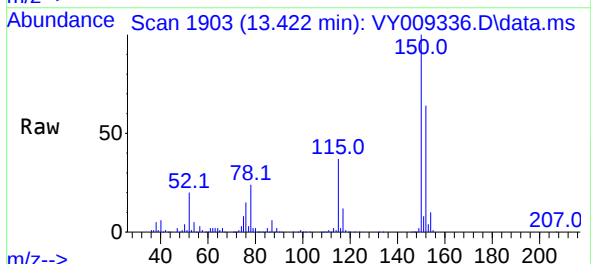
Instrument :
MSVOA_Y
ClientSampleId :



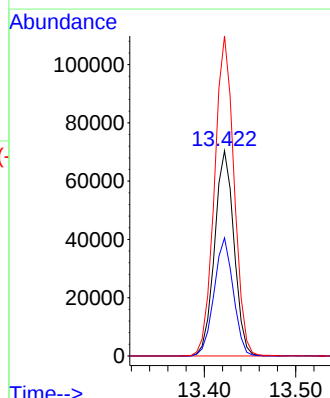
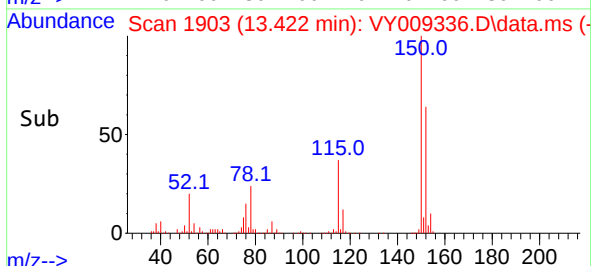
Tgt Ion:117 Resp: 259899
Ion Ratio Lower Upper
117 100
82 54.1 41.8 62.6
119 32.0 25.6 38.4

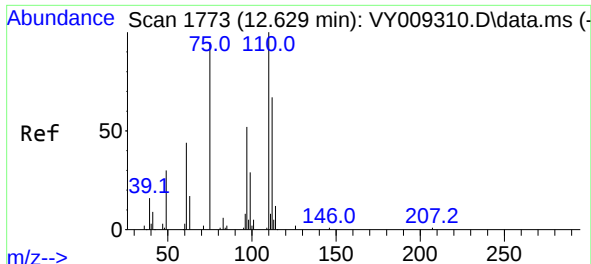


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009336.D
Acq: 25 Jun 2022 20:02



Tgt Ion:152 Resp: 103833
Ion Ratio Lower Upper
152 100
115 56.9 28.6 85.9
150 157.5 0.0 349.8

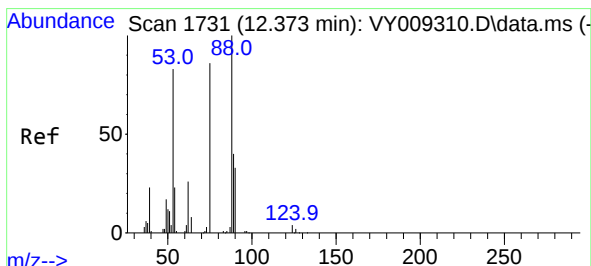
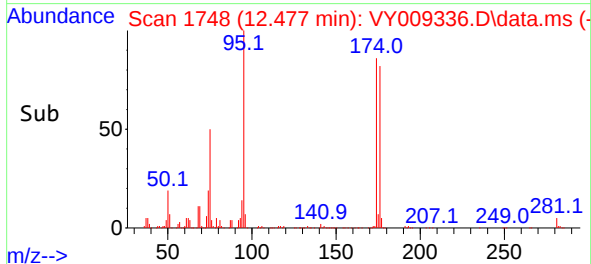
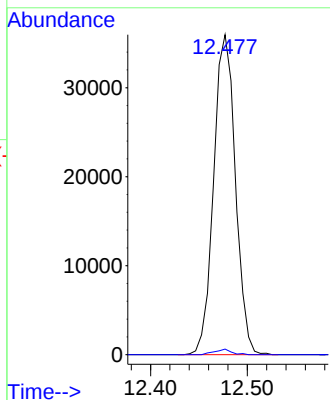
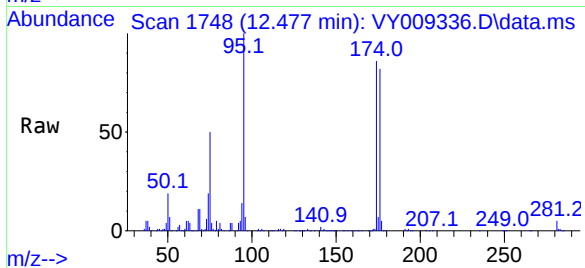




#76
1,2,3-Trichloropropane
Concen: 55.701 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009336.D
Acq: 25 Jun 2022 20:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 56125
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.263 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009336.D
Acq: 25 Jun 2022 20:02

Tgt Ion: 75 Resp: 56125
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.1 38.1 57.1#

