

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072122\
 Data File : VY009642.D
 Acq On : 21 Jul 2022 18:48
 Operator : KP/MD
 Sample : N3816-01RE
 Misc : 4.22g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-072022

Quant Time: Jul 22 02:31:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

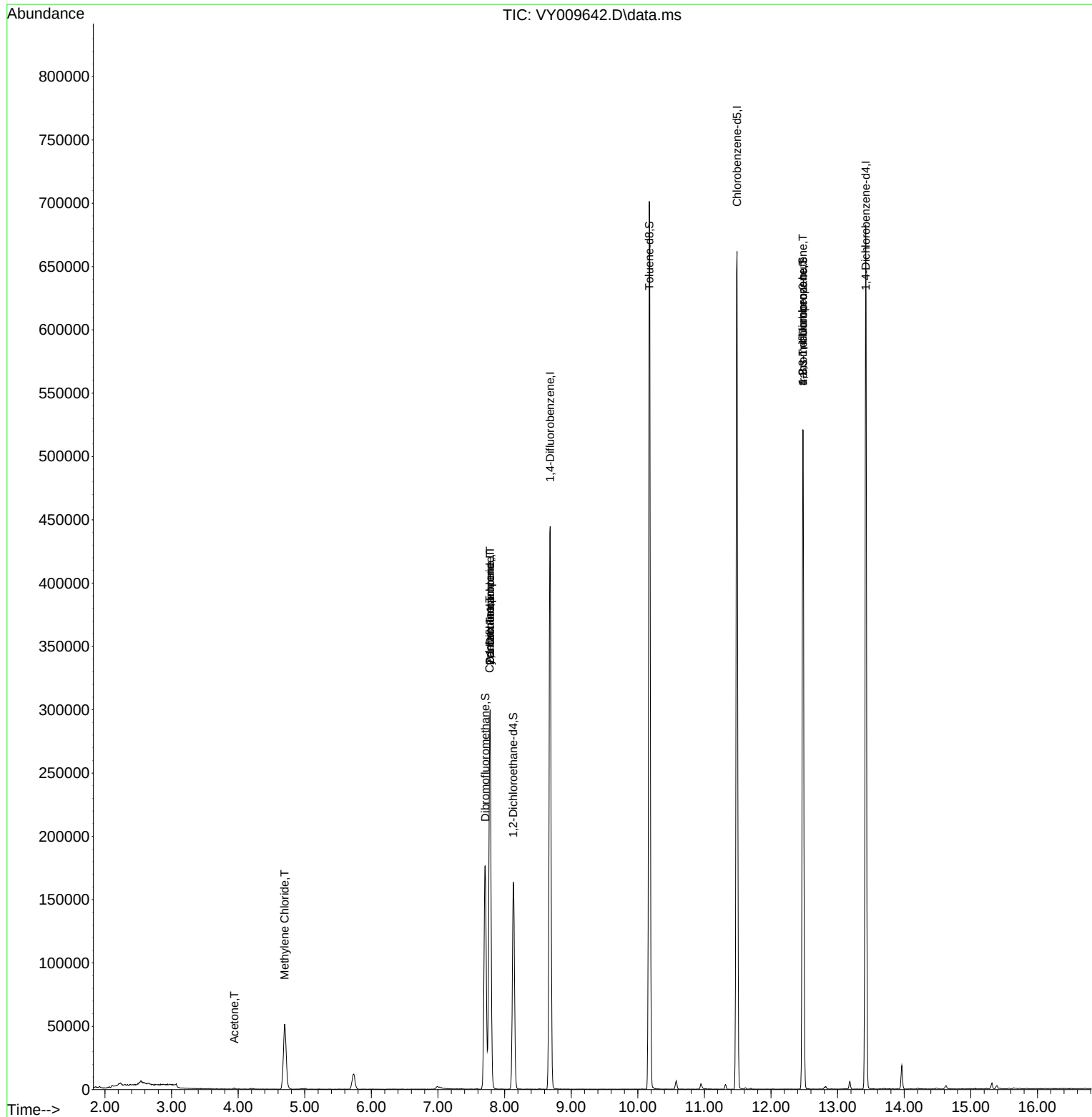
Internal Standards						
1) Pentafluorobenzene	7.783	168	246809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	404378	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	383333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	180297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	128102	54.880	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.760%	
35) Dibromofluoromethane	7.710	113	126367	49.603	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.200%	
50) Toluene-d8	10.173	98	466732	47.657	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 95.320%	
62) 4-Bromofluorobenzene	12.477	95	150597	47.456	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 94.920%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	704	Below Cal	#	77
16) Acetone	3.942	43	1047	1.773	ug/l #	89
20) Methylene Chloride	4.698	84	39742	4.380	ug/l #	83
31) Cyclohexane	7.777	56	4207	1.022	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	16577	4.403	ug/l #	51
38) Carbon Tetrachloride	7.783	117	22411	5.687	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	75907	44.196	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	75907	87.144	ug/l #	7

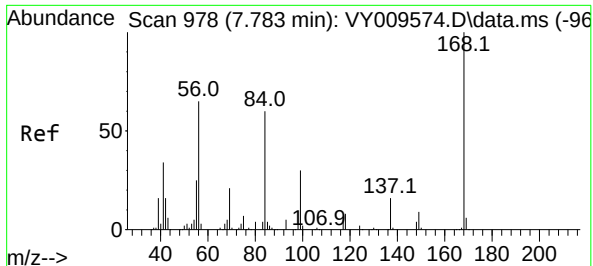
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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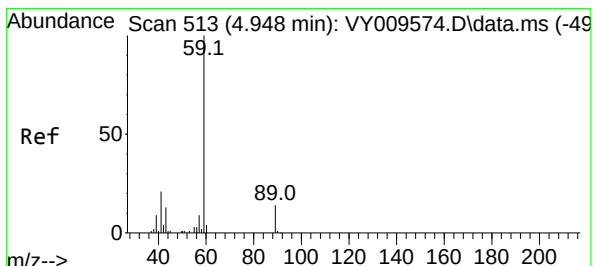
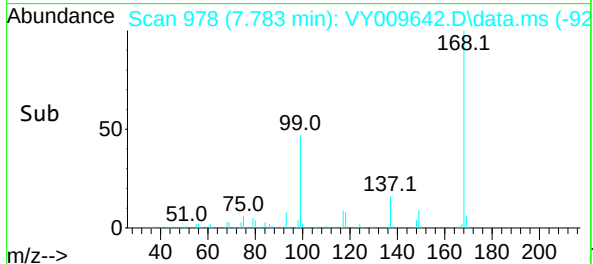
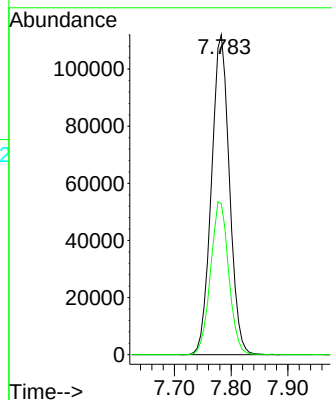
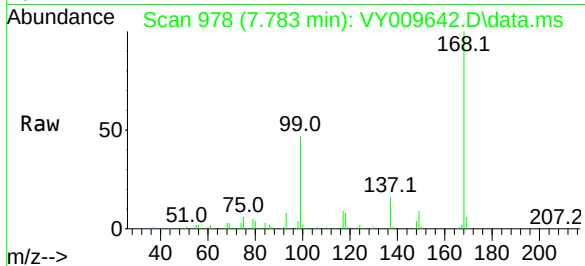




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009642.D
Acq: 21 Jul 2022 18:48

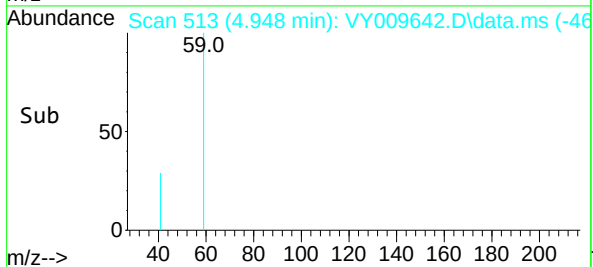
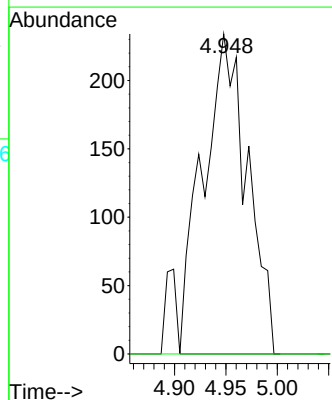
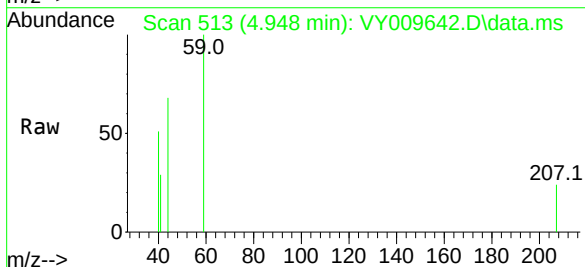
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-072022

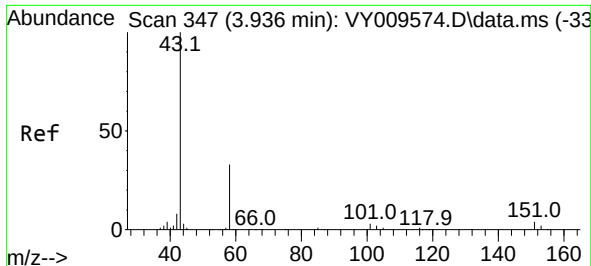
Tgt Ion:168 Resp: 246809
Ion Ratio Lower Upper
168 100
99 47.1 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY009642.D
Acq: 21 Jul 2022 18:48

Tgt Ion: 59 Resp: 704
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

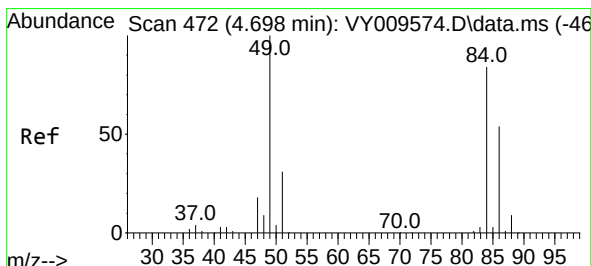
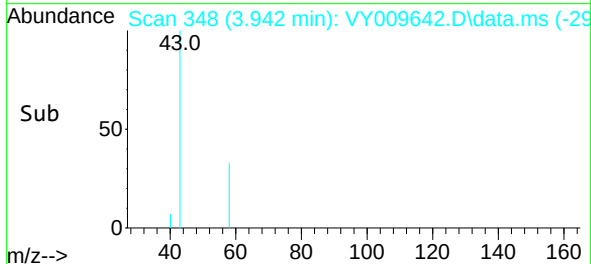
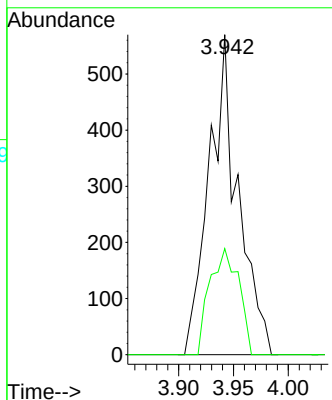
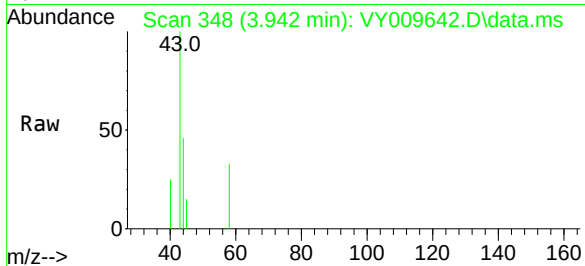




#16
Acetone
Concen: 1.773 ug/l
RT: 3.942 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY009642.D
Acq: 21 Jul 2022 18:48

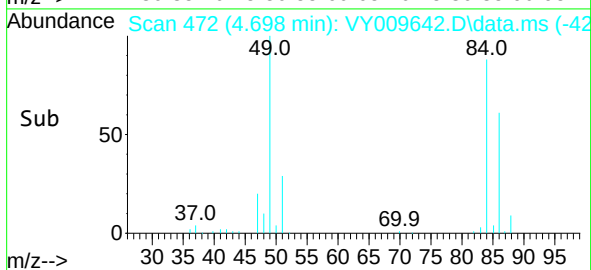
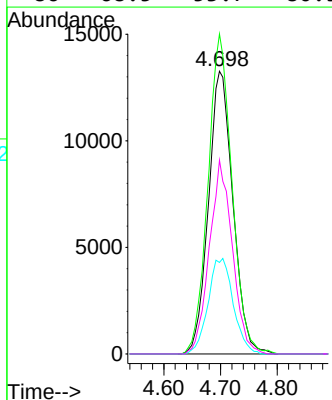
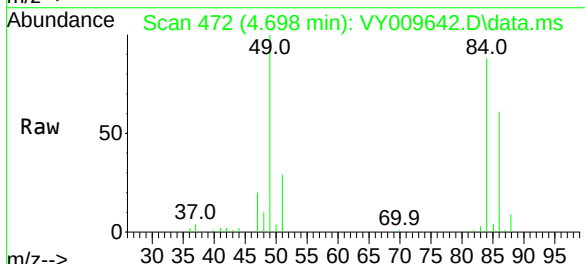
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-072022

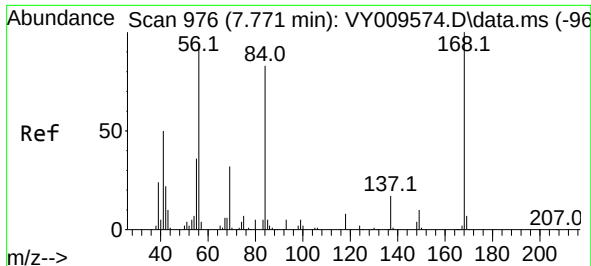
Tgt Ion: 43 Resp: 1047
Ion Ratio Lower Upper
43 100
58 33.2 22.0 33.0#



#20
Methylene Chloride
Concen: 4.380 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.000 min
Lab File: VY009642.D
Acq: 21 Jul 2022 18:48

Tgt Ion: 84 Resp: 39742
Ion Ratio Lower Upper
84 100
49 113.2 114.4 171.6#
51 32.4 35.3 52.9#
86 68.5 53.7 80.5

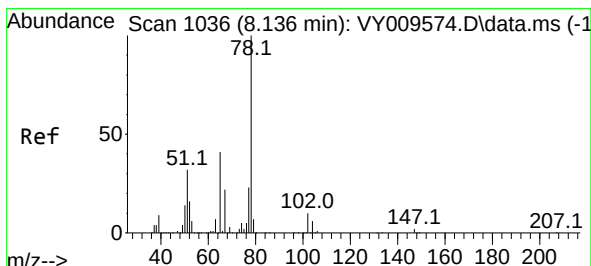
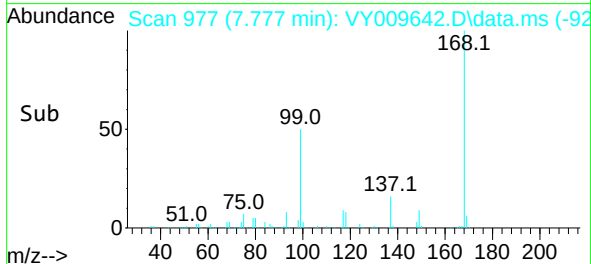
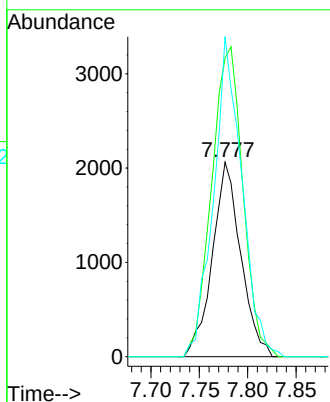
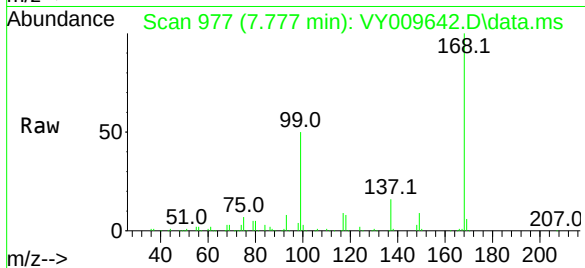




#31
Cyclohexane
Concen: 1.022 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009642.D
Acq: 21 Jul 2022 18:48

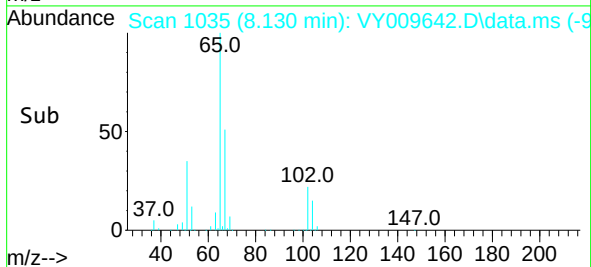
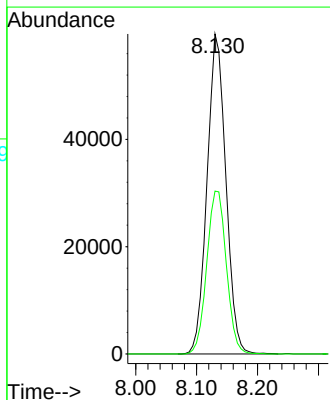
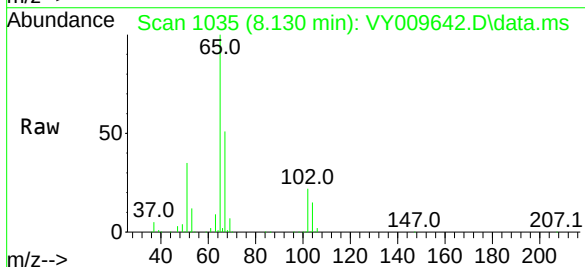
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-072022

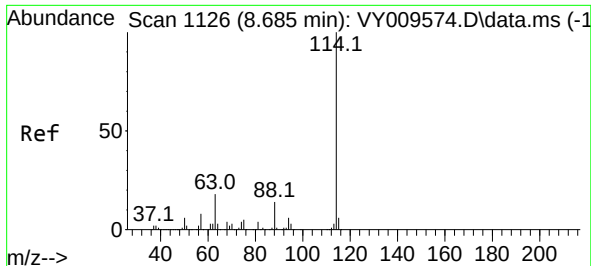
Tgt Ion: 56 Resp: 4207
Ion Ratio Lower Upper
56 100
69 153.5 26.7 40.1#
84 164.6 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 54.880 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009642.D
Acq: 21 Jul 2022 18:48

Tgt Ion: 65 Resp: 128102
Ion Ratio Lower Upper
65 100
67 52.9 0.0 99.4

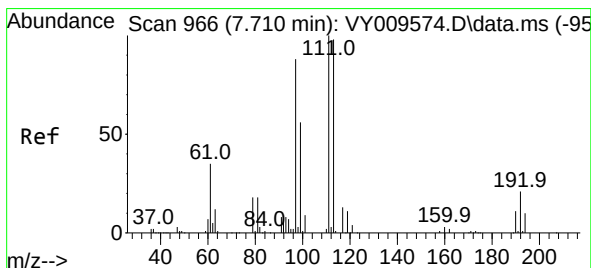
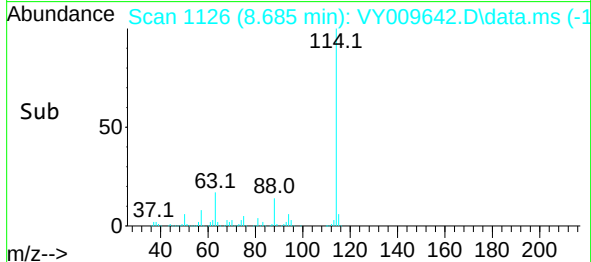
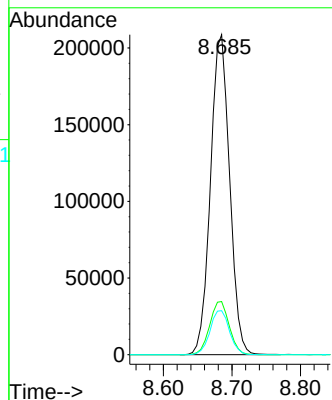
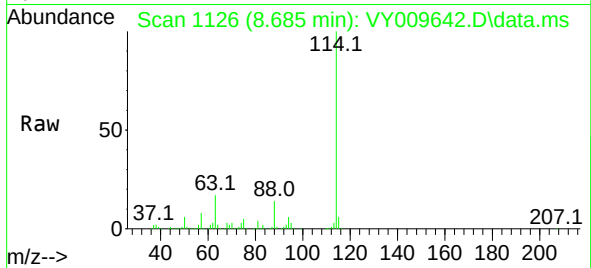




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY009642.D
Acq: 21 Jul 2022 18:48

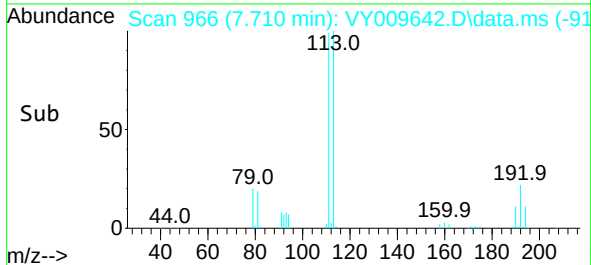
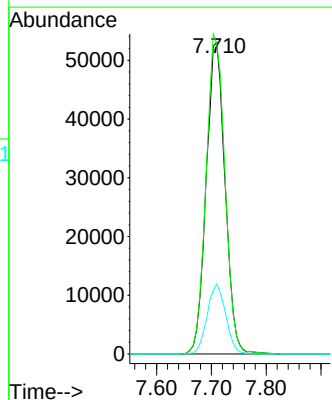
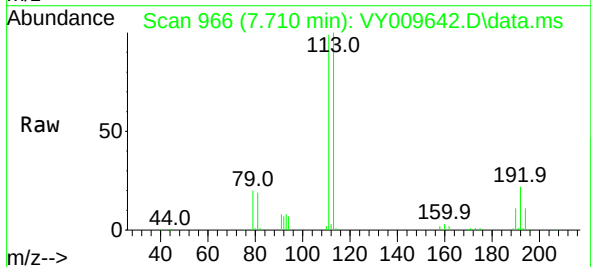
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-072022

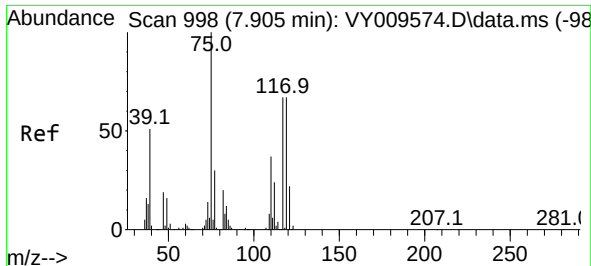
Tgt Ion:114 Resp: 404378
Ion Ratio Lower Upper
114 100
63 16.6 0.0 43.2
88 13.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.603 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009642.D
Acq: 21 Jul 2022 18:48

Tgt Ion:113 Resp: 126367
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 22.0 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.403 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY009642.D

Acq: 21 Jul 2022 18:48

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-072022

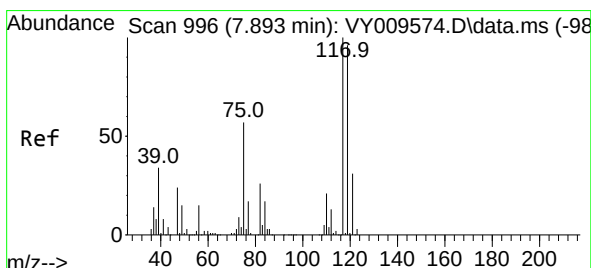
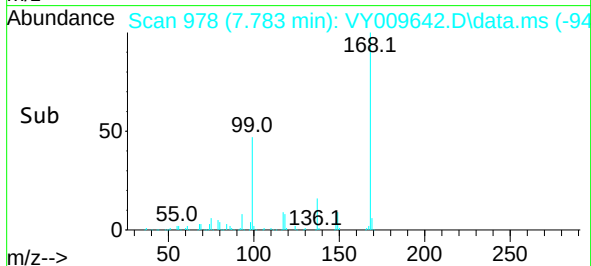
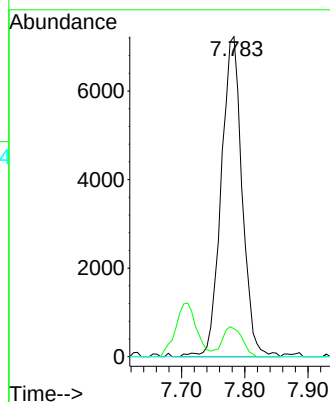
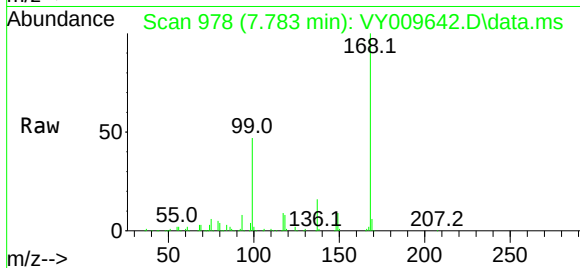
Tgt Ion: 75 Resp: 16577

Ion Ratio Lower Upper

75 100

110 9.0 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.687 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.110 min

Lab File: VY009642.D

Acq: 21 Jul 2022 18:48

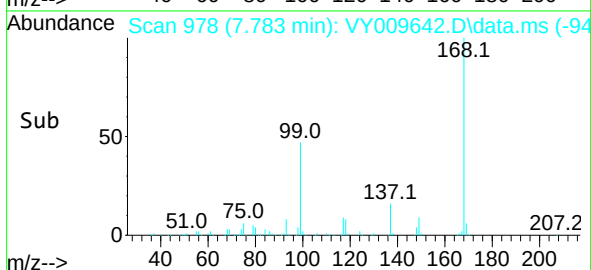
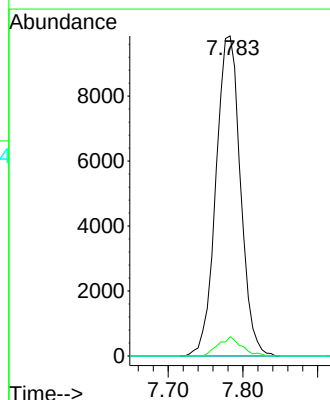
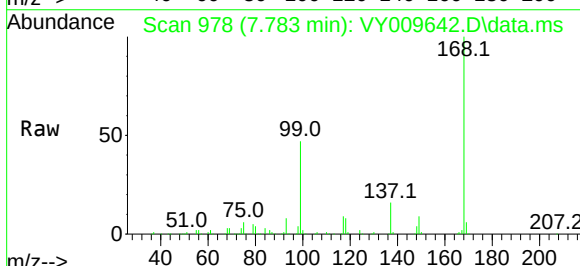
Tgt Ion: 117 Resp: 22411

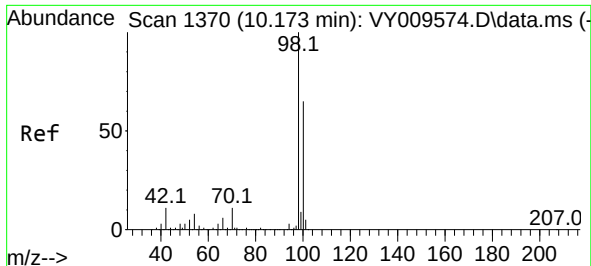
Ion Ratio Lower Upper

117 100

119 6.0 77.9 116.9#

121 0.0 24.8 37.2#

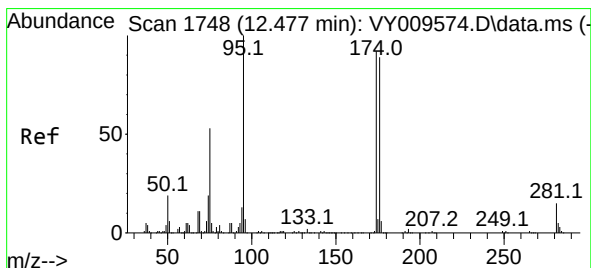
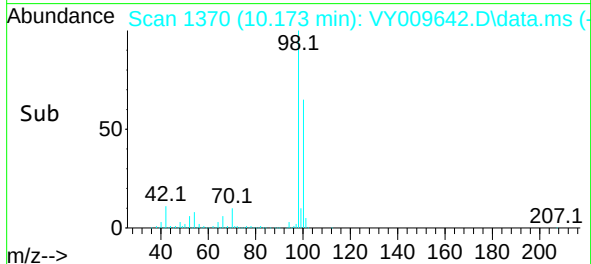
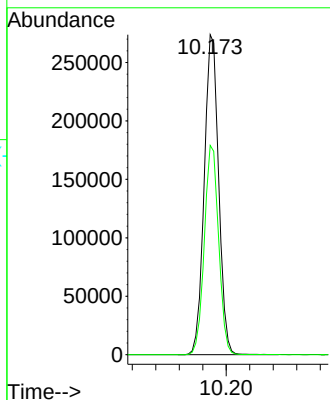
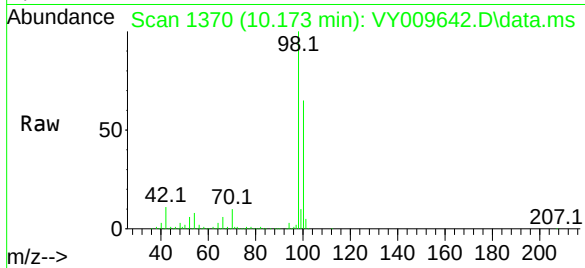




#50
Toluene-d8
Concen: 47.657 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009642.D
Acq: 21 Jul 2022 18:48

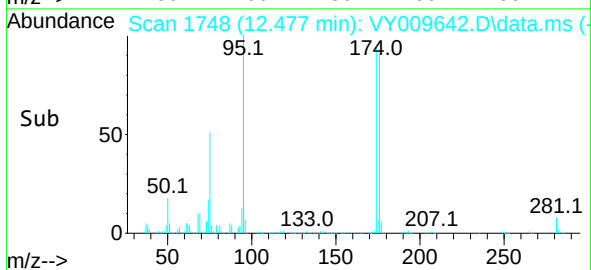
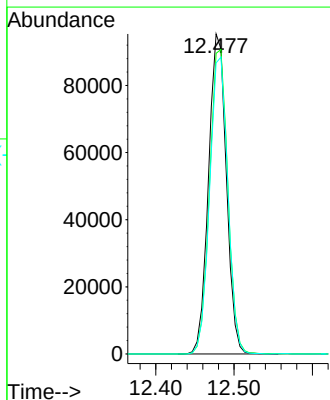
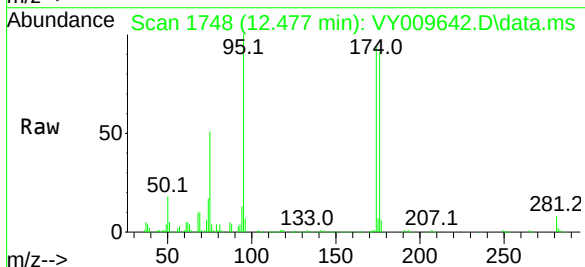
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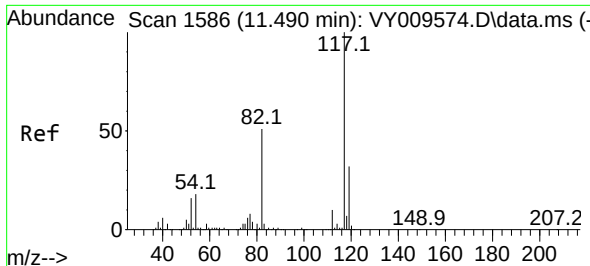
Tgt Ion: 98 Resp: 466732
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.456 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009642.D
Acq: 21 Jul 2022 18:48

Tgt Ion: 95 Resp: 150597
Ion Ratio Lower Upper
95 100
174 97.4 0.0 177.0
176 94.7 0.0 175.8

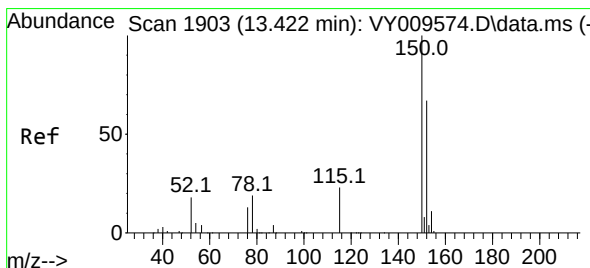
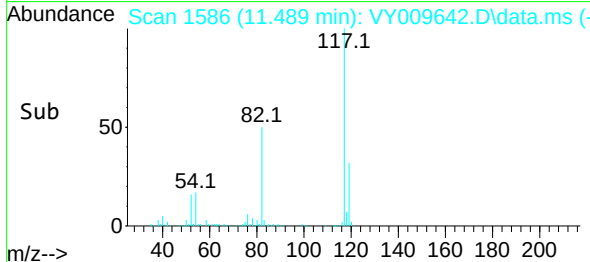
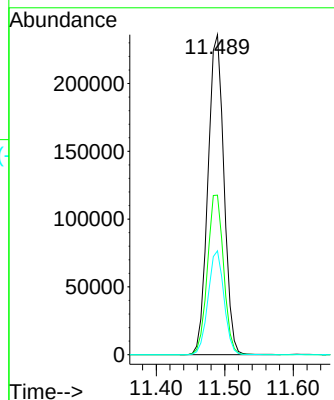
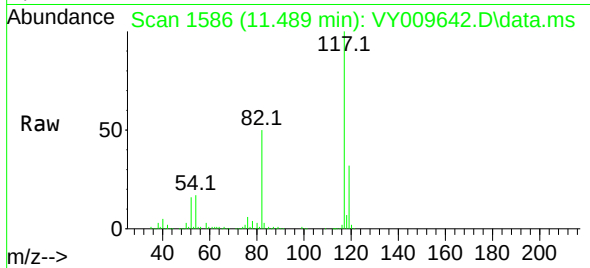




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009642.D
Acq: 21 Jul 2022 18:48

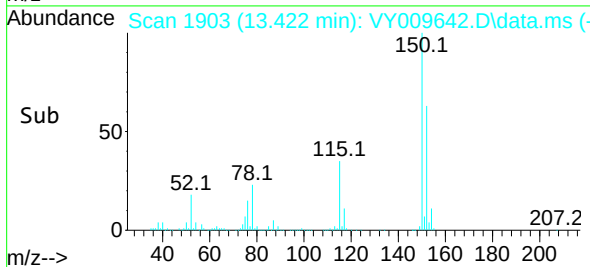
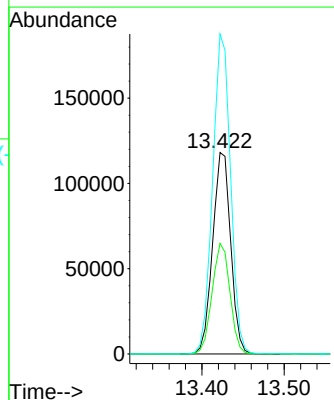
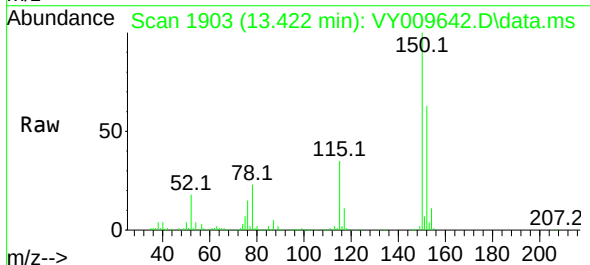
Instrument :
MSVOA_Y
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TR-05-072022

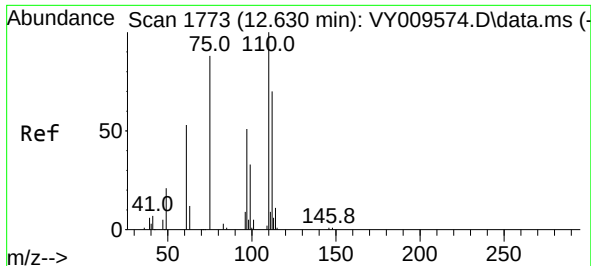
Tgt Ion:117 Resp: 383333
Ion Ratio Lower Upper
117 100
82 49.8 43.0 64.4
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009642.D
Acq: 21 Jul 2022 18:48

Tgt Ion:152 Resp: 180297
Ion Ratio Lower Upper
152 100
115 54.3 28.2 84.7
150 157.2 0.0 347.6

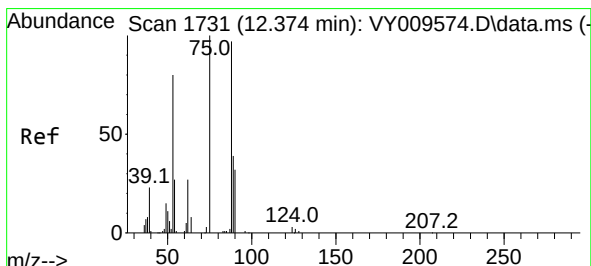
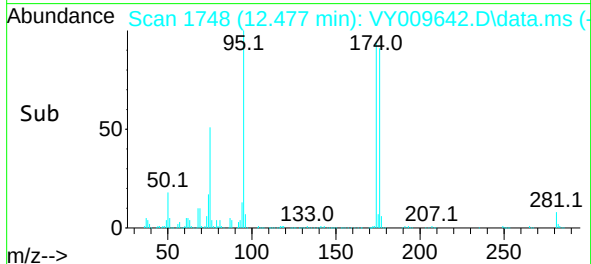
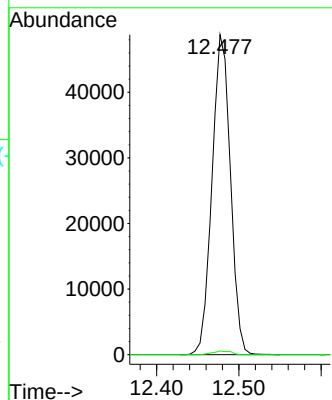
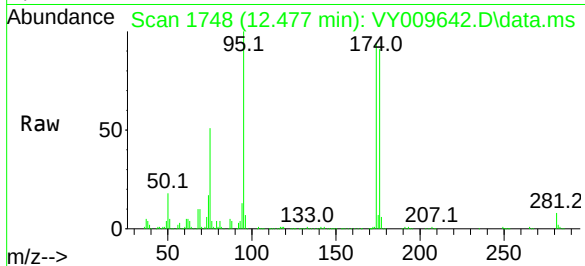




#76
1,2,3-Trichloropropane
Concen: 44.196 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009642.D
Acq: 21 Jul 2022 18:48

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-072022

Tgt Ion: 75 Resp: 75907
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.144 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY009642.D
Acq: 21 Jul 2022 18:48

Tgt Ion: 75 Resp: 75907
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#

