

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081123\
 Data File : VY015056.D
 Acq On : 11 Aug 2023 13:57
 Operator : SY/MD
 Sample : 03930-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 11 14:26:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

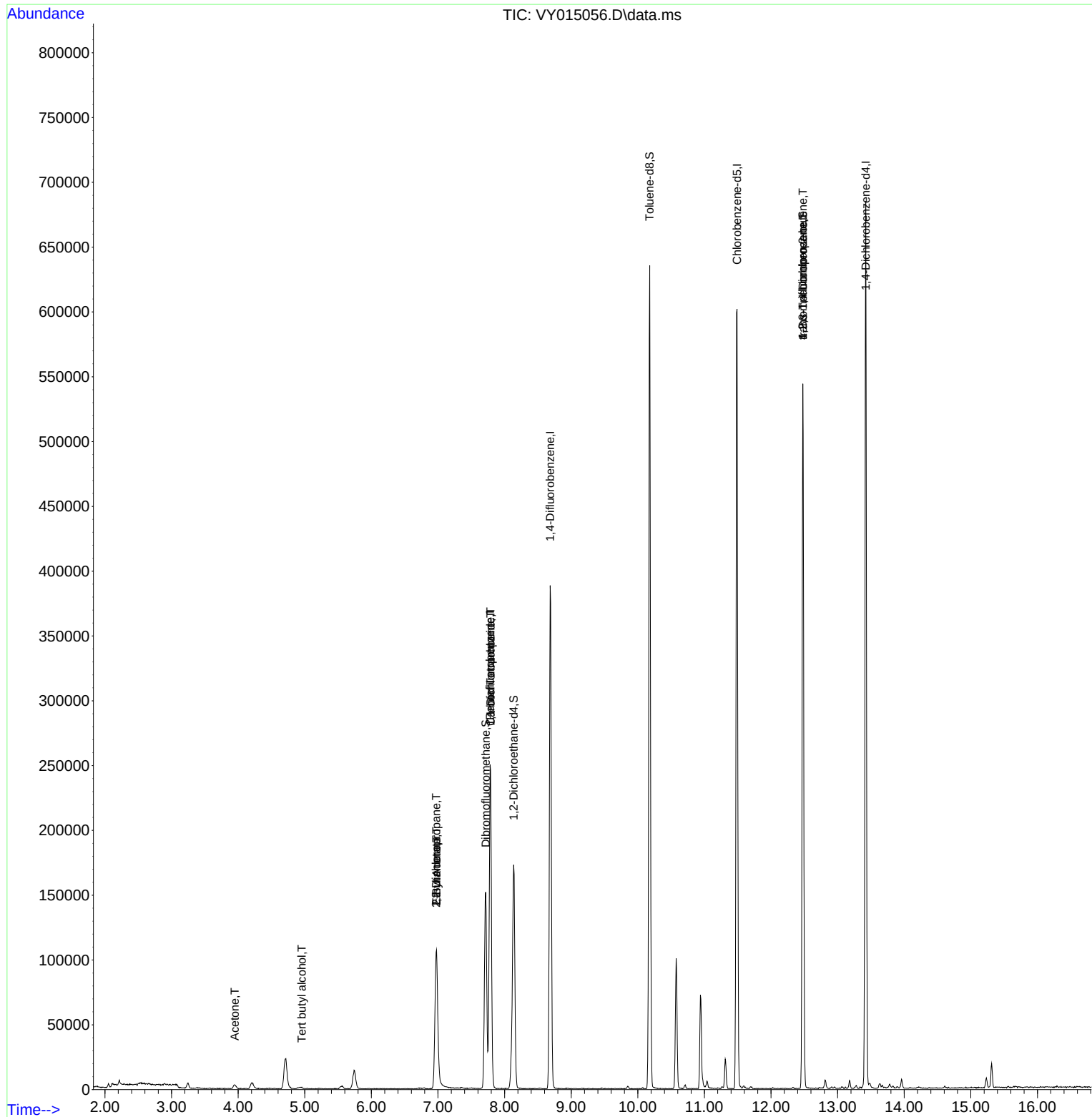
Internal Standards						
1) Pentafluorobenzene	7.783	168	197872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	339725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	335149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	170490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	128120	53.422	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.840%	
35) Dibromofluoromethane	7.716	113	108061	49.741	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.480%	
50) Toluene-d8	10.179	98	406338	49.140	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.280%	
62) 4-Bromofluorobenzene	12.477	95	156660	53.456	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.920%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	93	Below Cal	#	43
5) Bromomethane	2.656	94	338	Below Cal		88
11) Tert butyl alcohol	4.954	59	2289	3.955	ug/l #	89
16) Acetone	3.948	43	5807	7.765	ug/l	92
20) Methylene Chloride	4.716	84	18270	Below Cal	#	80
25) 2-Butanone	6.978	43	6114	5.708	ug/l #	72
26) 2,2-Dichloropropane	6.972	77	8001	2.298	ug/l #	54
31) Cyclohexane	7.783	56	3919	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	16144	5.986	ug/l #	51
37) Ethyl Acetate	6.978	43	6114	2.856	ug/l #	1
38) Carbon Tetrachloride	7.789	117	19377	6.391	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	83306	40.779	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	83306	89.837	ug/l #	11

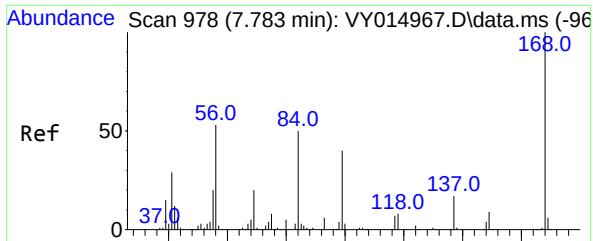
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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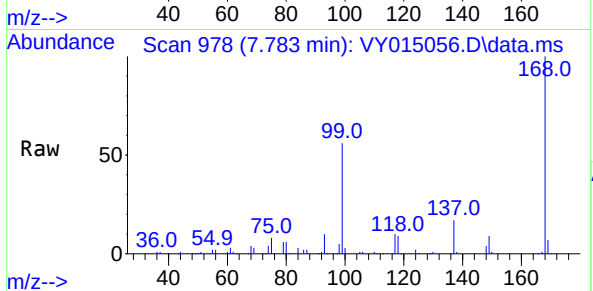
Quant Time: Aug 11 14:26:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260
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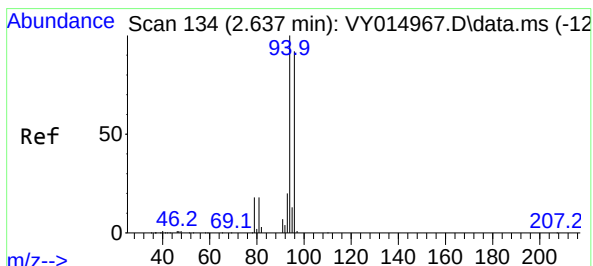
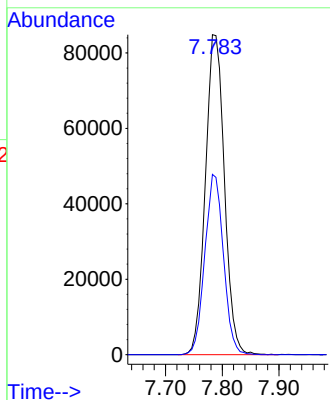
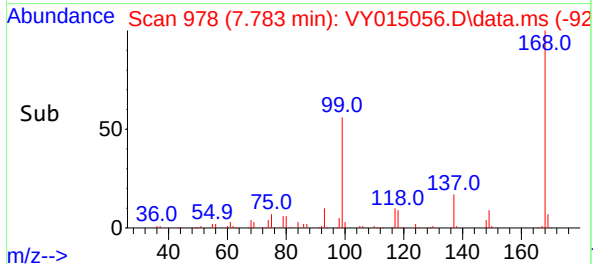


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015056.D
Acq: 11 Aug 2023 13:57

Instrument :
MSVOA_Y
ClientSampleId :

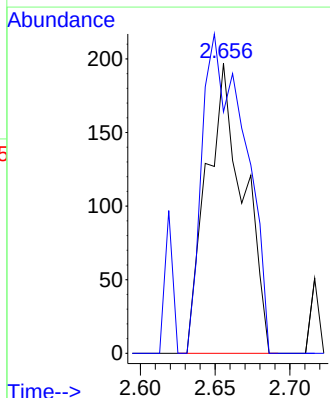
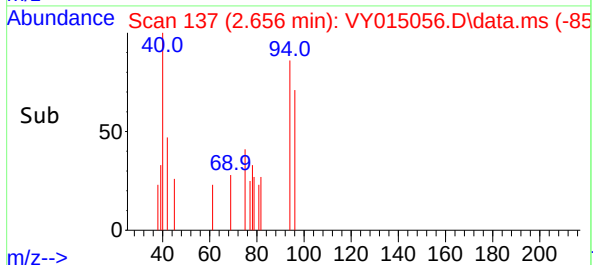
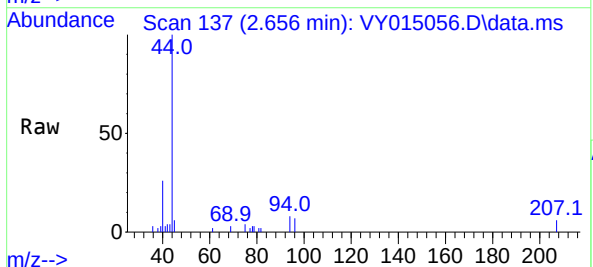


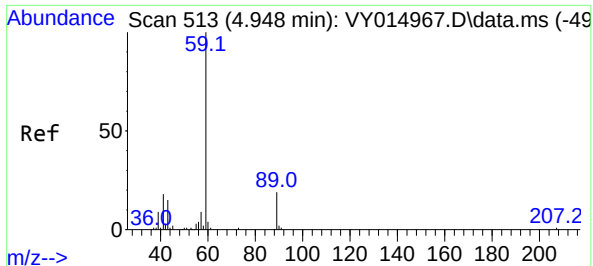
Tgt Ion:168 Resp: 197872
Ion Ratio Lower Upper
168 100
99 56.3 43.4 65.0



#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 137
Delta R.T. 0.019 min
Lab File: VY015056.D
Acq: 11 Aug 2023 13:57

Tgt Ion: 94 Resp: 338
Ion Ratio Lower Upper
94 100
96 83.2 75.8 113.6





#11

Tert butyl alcohol

Concen: 3.955 ug/l

RT: 4.954 min Scan# 51

Delta R.T. 0.006 min

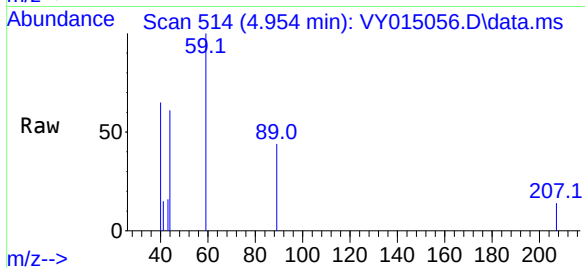
Lab File: VY015056.D

Acq: 11 Aug 2023 13:57

Instrument :

MSVOA_Y

ClientSampleId :

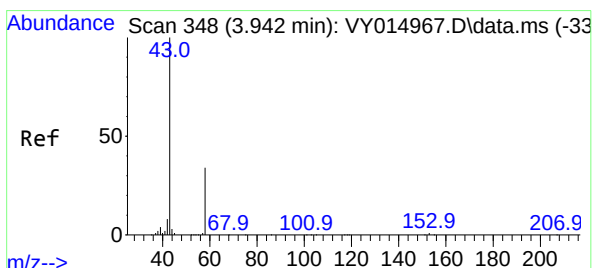
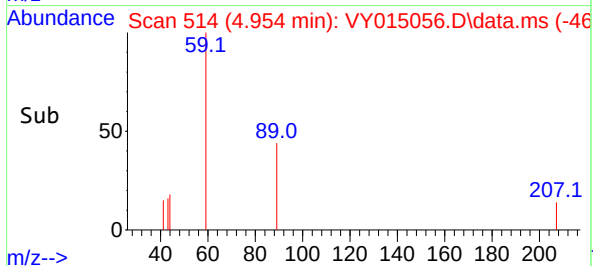
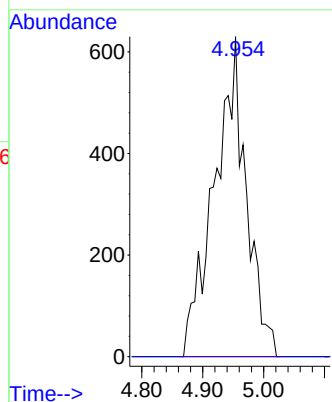


Tgt Ion: 59 Resp: 2289

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#



#16

Acetone

Concen: 7.765 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY015056.D

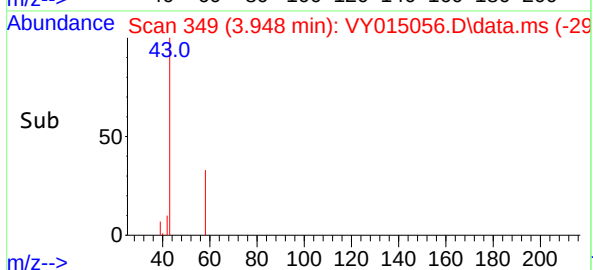
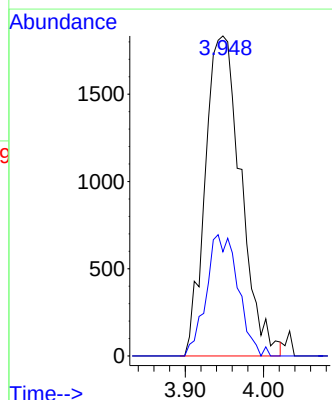
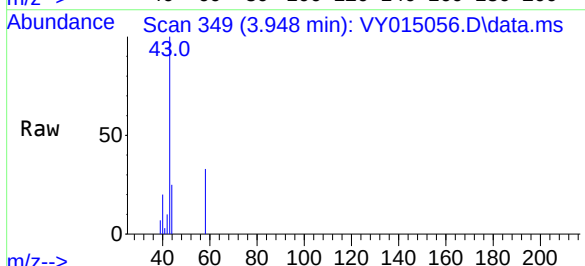
Acq: 11 Aug 2023 13:57

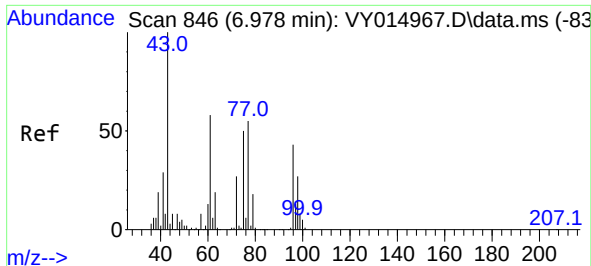
Tgt Ion: 43 Resp: 5807

Ion Ratio Lower Upper

43 100

58 32.6 22.7 34.1

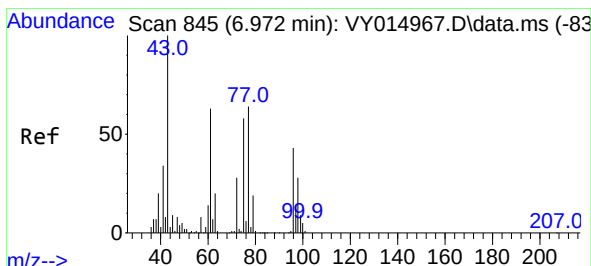
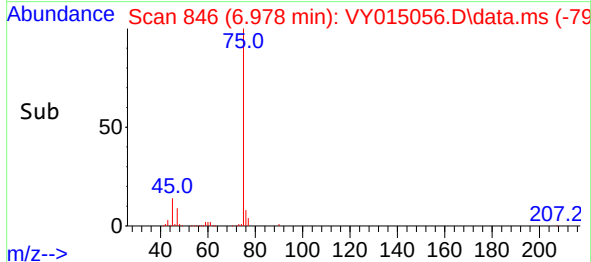
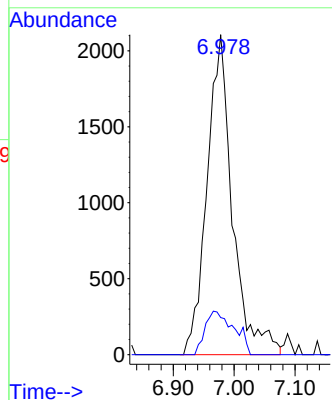
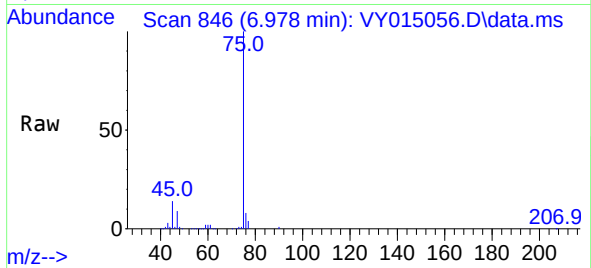




#25
2-Butanone
Concen: 5.708 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY015056.D
Acq: 11 Aug 2023 13:57

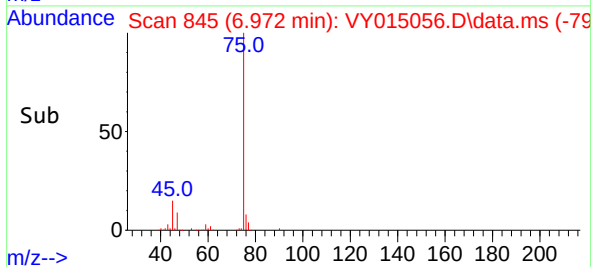
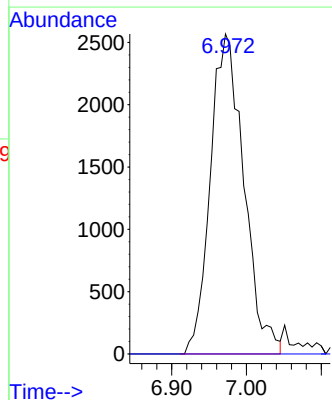
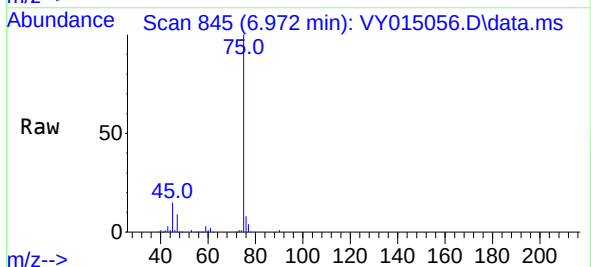
Instrument :
MSVOA_Y
ClientSampleId :

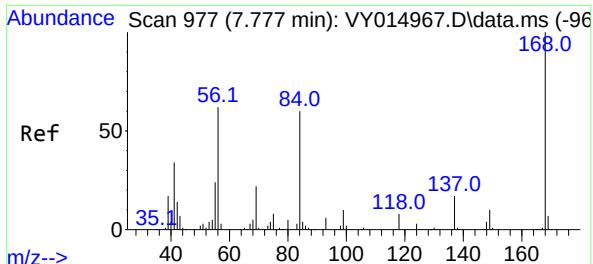
Tgt Ion: 43 Resp: 6114
Ion Ratio Lower Upper
43 100
72 11.6 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 2.298 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY015056.D
Acq: 11 Aug 2023 13:57

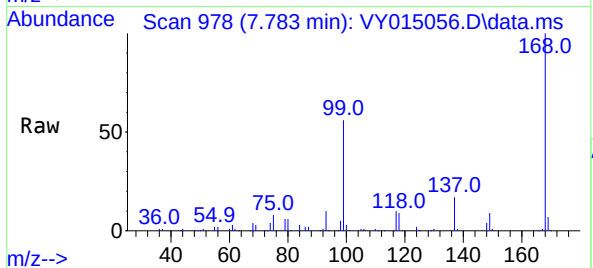
Tgt Ion: 77 Resp: 8001
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



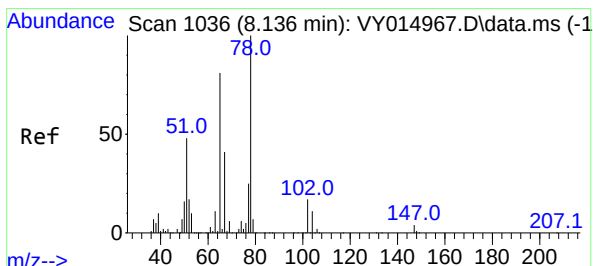
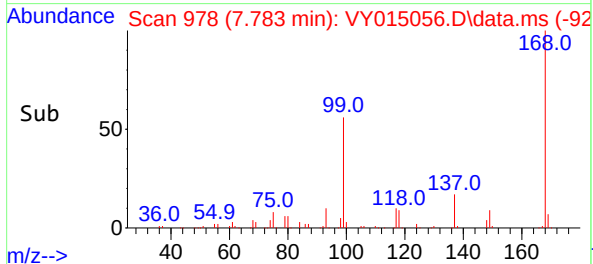
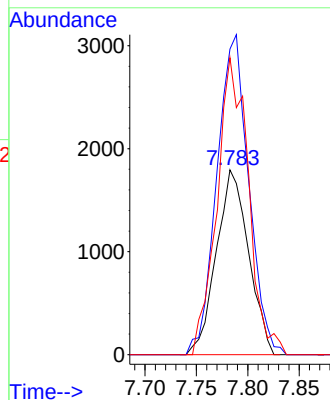


#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015056.D
Acq: 11 Aug 2023 13:57

Instrument :
MSVOA_Y
ClientSampleId :

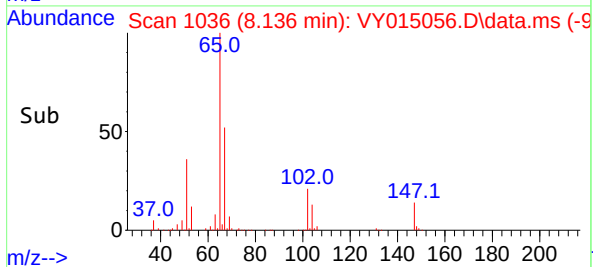
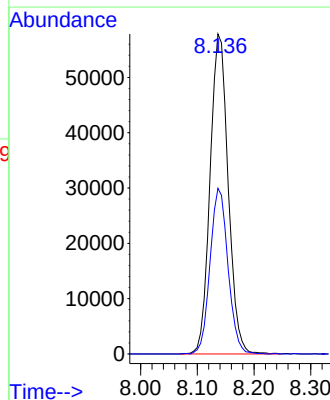
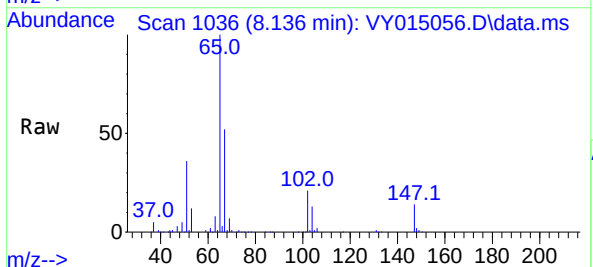


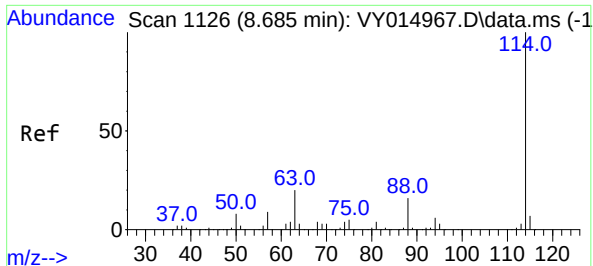
Tgt Ion: 56 Resp: 3919
Ion Ratio Lower Upper
56 100
69 165.4 27.8 41.6#
84 160.8 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 53.422 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015056.D
Acq: 11 Aug 2023 13:57

Tgt Ion: 65 Resp: 128120
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.8

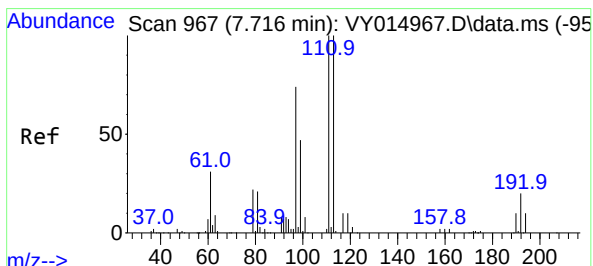
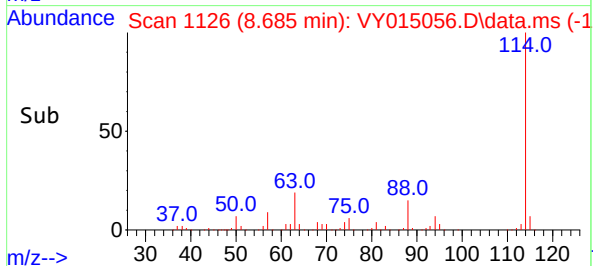
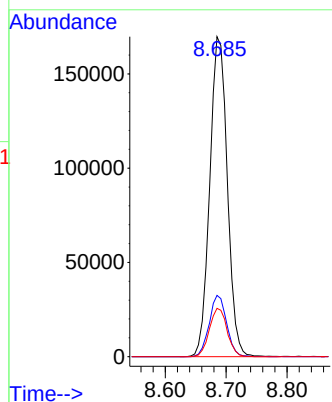
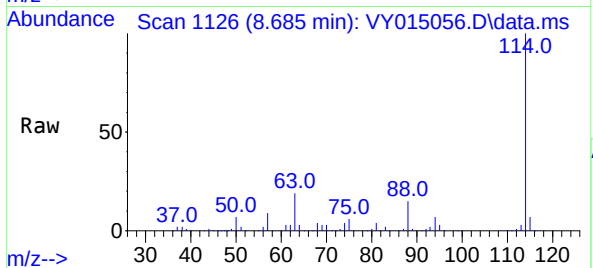




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY015056.D
Acq: 11 Aug 2023 13:57

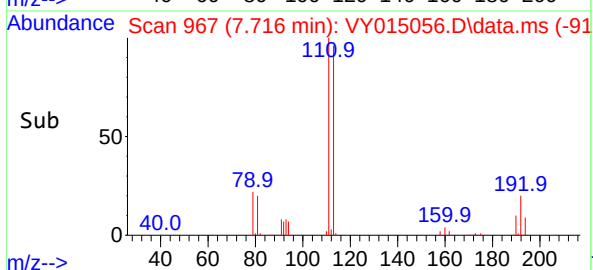
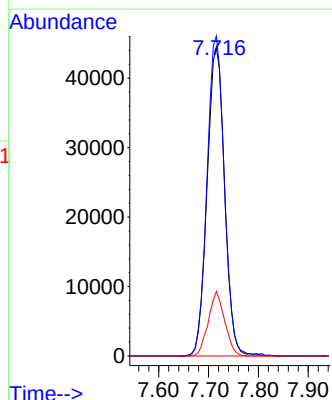
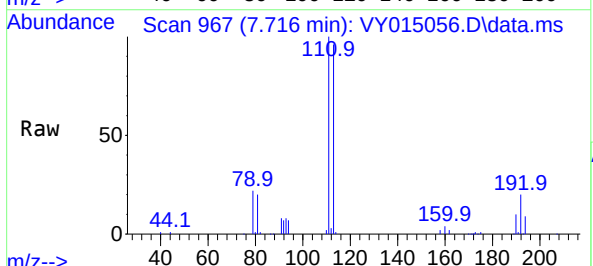
Instrument :
MSVOA_Y
ClientSampleId :

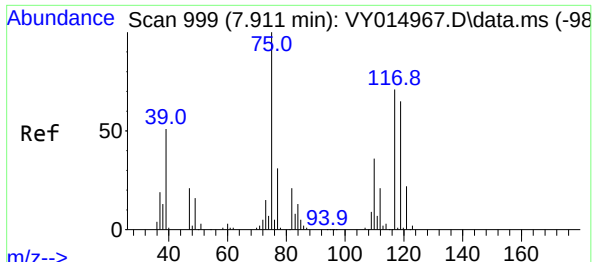
Tgt Ion:114 Resp: 339725
Ion Ratio Lower Upper
114 100
63 19.2 0.0 42.4
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.741 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY015056.D
Acq: 11 Aug 2023 13:57

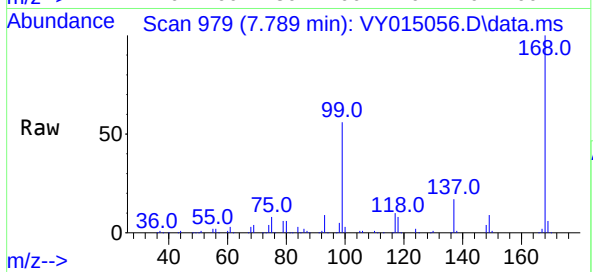
Tgt Ion:113 Resp: 108061
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 19.6 16.9 25.3



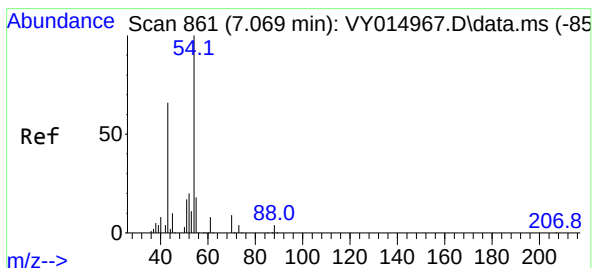
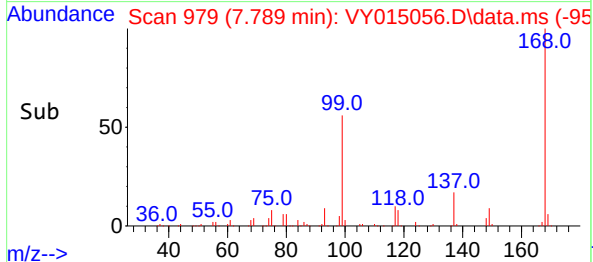
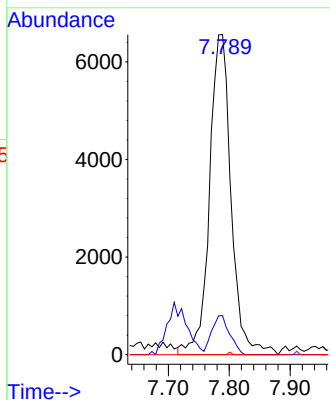


#36
1,1-Dichloropropene
Concen: 5.986 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY015056.D
Acq: 11 Aug 2023 13:57

Instrument :
MSVOA_Y
ClientSampleId :

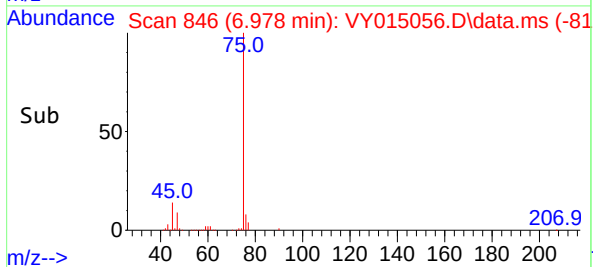
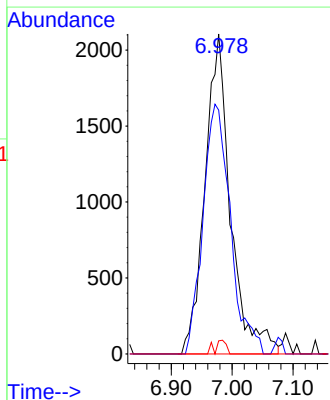
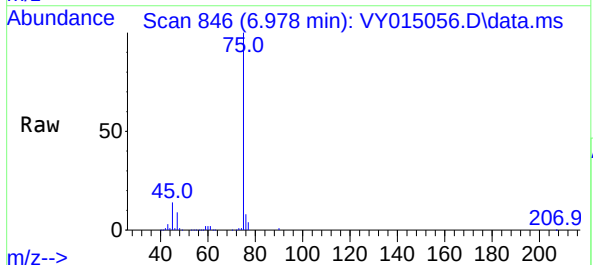


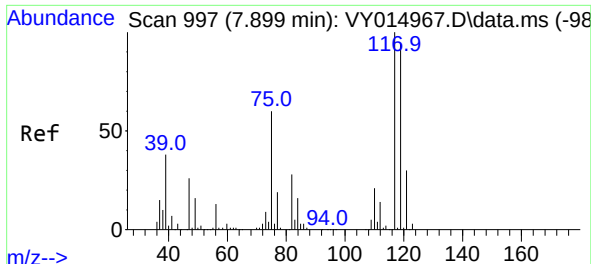
Tgt Ion: 75 Resp: 16144
Ion Ratio Lower Upper
75 100
110 10.1 17.8 53.5#
77 0.1 24.4 36.6#



#37
Ethyl Acetate
Concen: 2.856 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.091 min
Lab File: VY015056.D
Acq: 11 Aug 2023 13:57

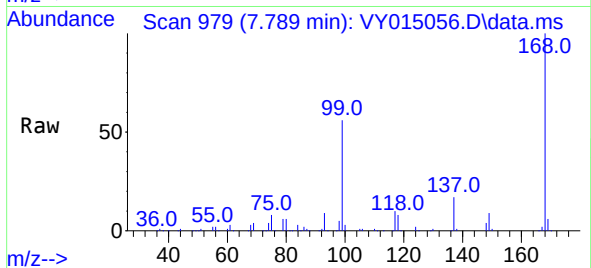
Tgt Ion: 43 Resp: 6114
Ion Ratio Lower Upper
43 100
61 84.3 10.1 15.1#
70 1.9 7.1 10.7#



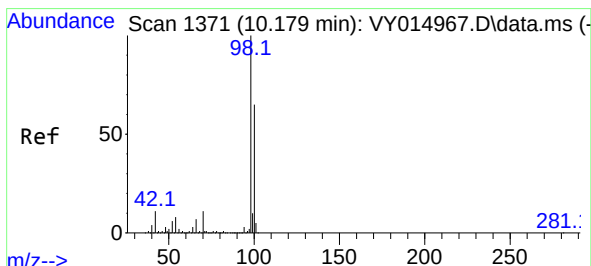
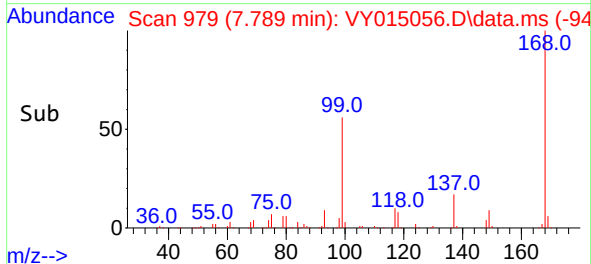
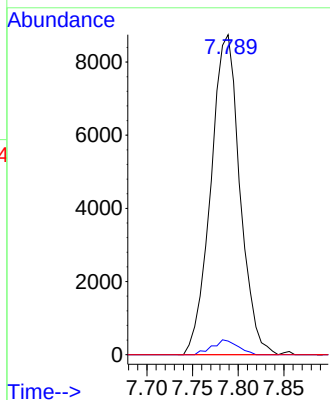


#38
Carbon Tetrachloride
Concen: 6.391 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015056.D
Acq: 11 Aug 2023 13:57

Instrument :
MSVOA_Y
ClientSampleId :

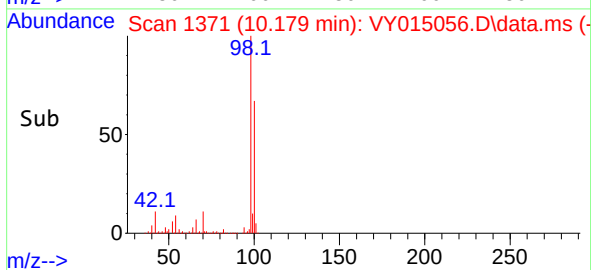
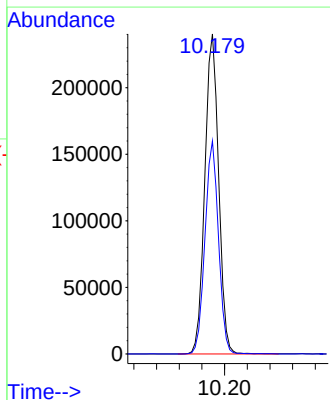
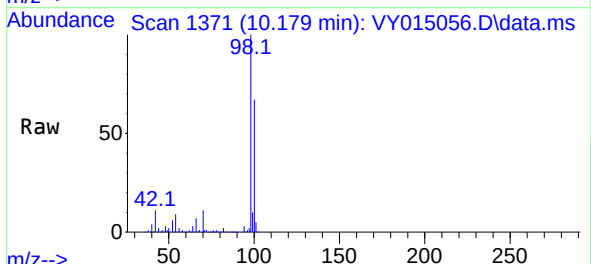


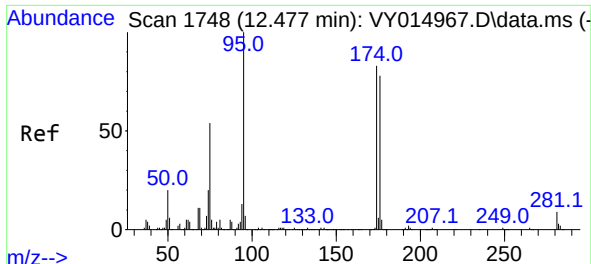
Tgt Ion:117 Resp: 19377
Ion Ratio Lower Upper
117 100
119 4.3 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.140 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015056.D
Acq: 11 Aug 2023 13:57

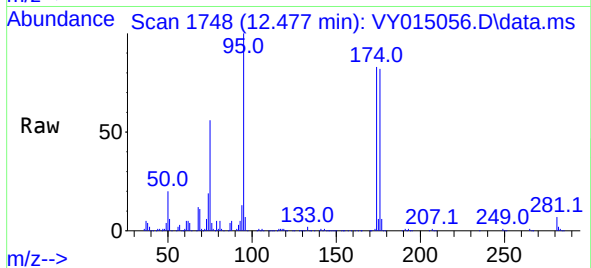
Tgt Ion: 98 Resp: 406338
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1



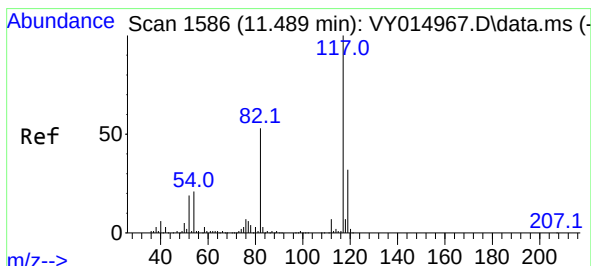
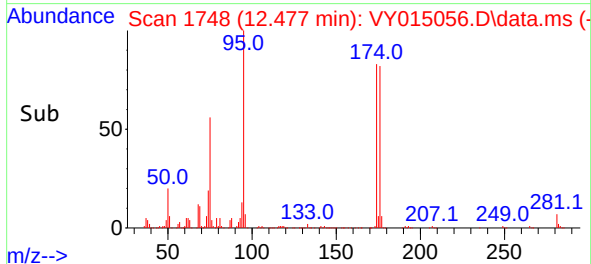
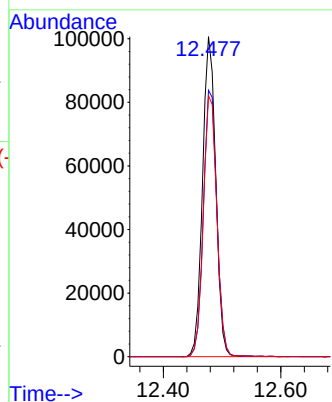


#62
4-Bromofluorobenzene
Concen: 53.456 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015056.D
Acq: 11 Aug 2023 13:57

Instrument :
MSVOA_Y
ClientSampleId :

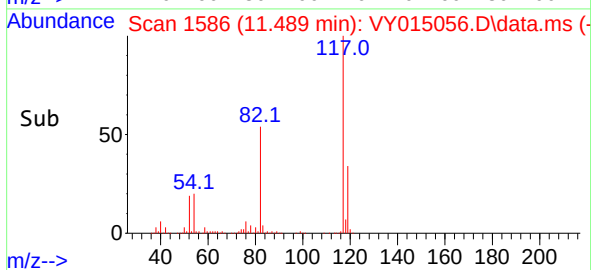
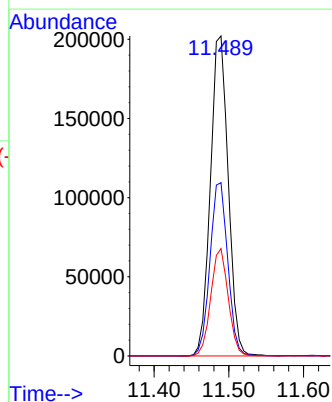
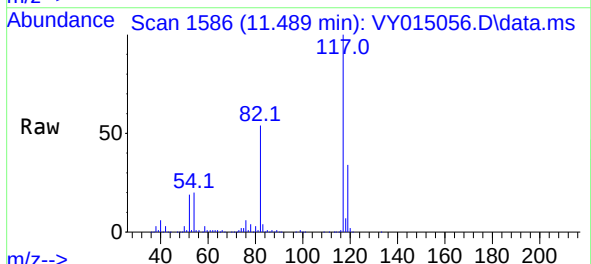


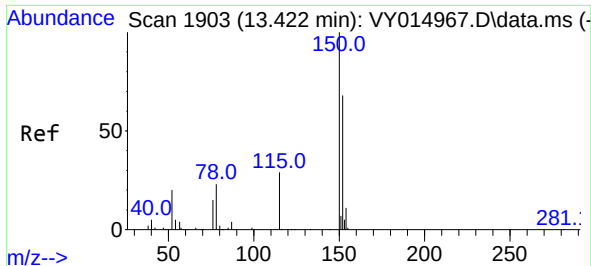
Tgt Ion: 95 Resp: 156660
Ion Ratio Lower Upper
95 100
174 85.0 0.0 178.2
176 83.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015056.D
Acq: 11 Aug 2023 13:57

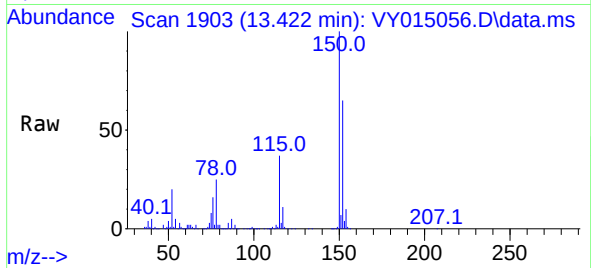
Tgt Ion: 117 Resp: 335149
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.0
119 33.5 26.3 39.5



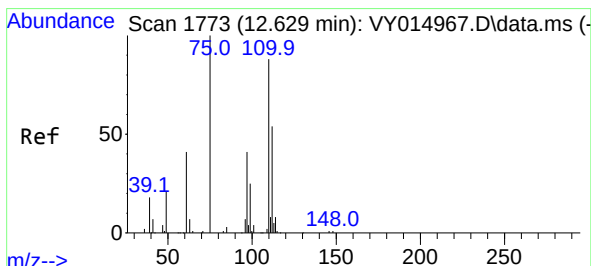
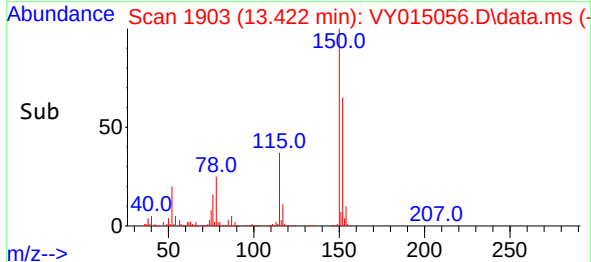
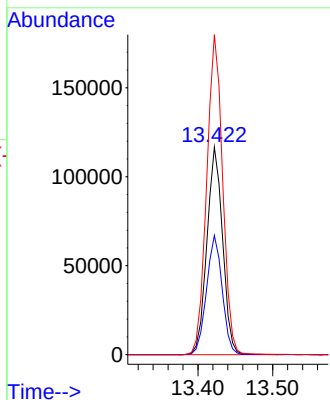


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY015056.D
 Acq: 11 Aug 2023 13:57

Instrument :
 MSVOA_Y
 ClientSampleId :

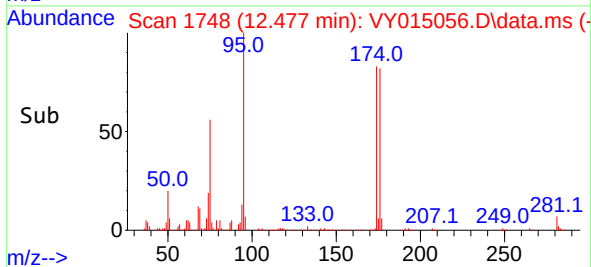
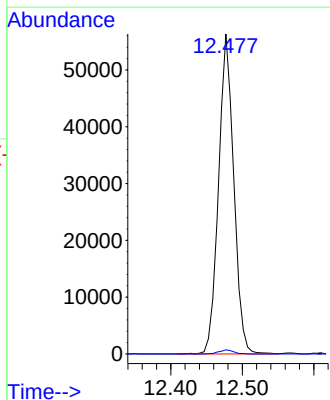
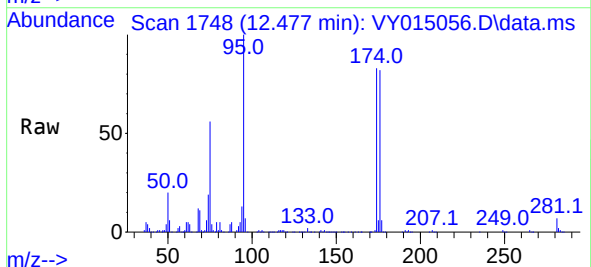


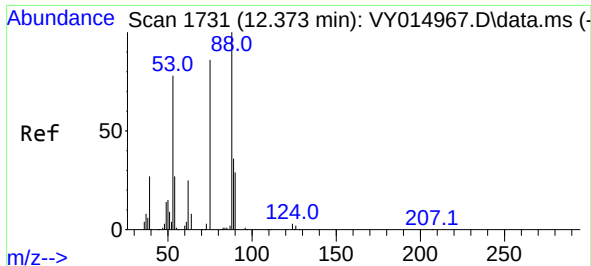
Tgt Ion:152 Resp: 170490
 Ion Ratio Lower Upper
 152 100
 115 57.4 28.8 86.5
 150 156.2 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 40.779 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY015056.D
 Acq: 11 Aug 2023 13:57

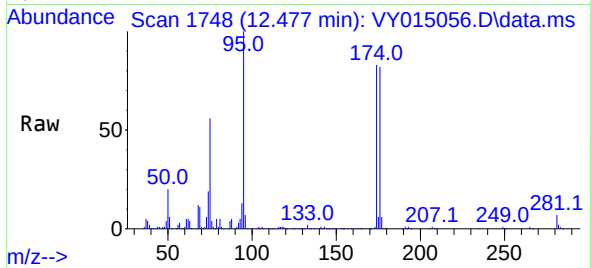
Tgt Ion: 75 Resp: 83306
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.837 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY015056.D
 Acq: 11 Aug 2023 13:57

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 83306
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.2 37.4 56.0#

