

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
 Data File : VY014842.D
 Acq On : 26 Jul 2023 12:03
 Operator : SY/MD
 Sample : VY0726SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 26 13:44:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

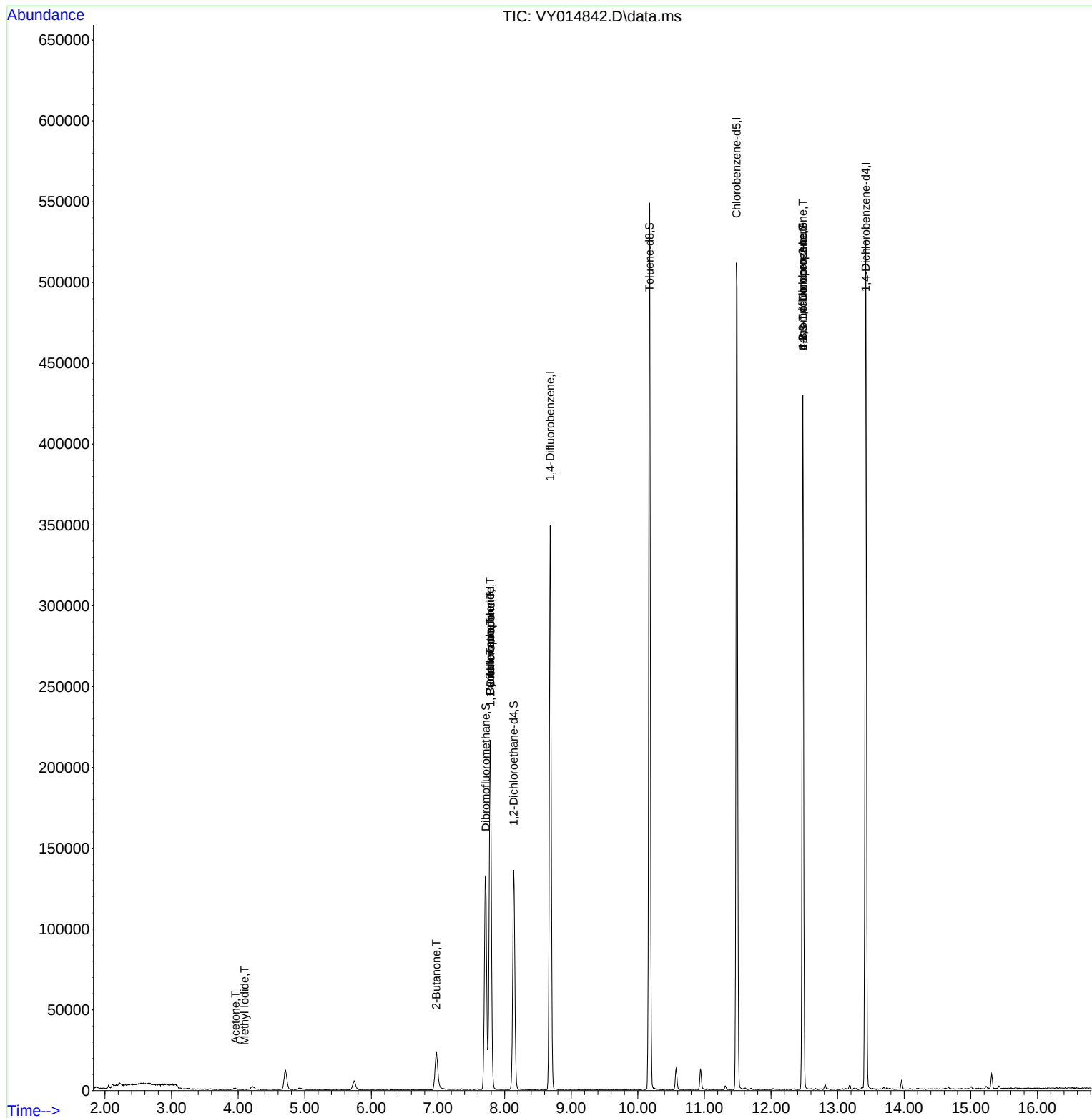
Internal Standards						
1) Pentafluorobenzene	7.783	168	168841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	296801	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	281936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	132264	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	106029	55.108	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.220%
35) Dibromofluoromethane	7.716	113	93623	49.553	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.100%
50) Toluene-d8	10.179	98	354833	50.940	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.880%
62) 4-Bromofluorobenzene	12.477	95	129518	48.492	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.980%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.094	142	151	2.446	ug/l #	56
11) Tert butyl alcohol	4.930	59	1201	Below Cal	#	89
16) Acetone	3.960	43	1668	2.736	ug/l	95
25) 2-Butanone	6.972	43	1518	1.702	ug/l #	84
31) Cyclohexane	7.783	56	3525	1.104	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	13165	4.659	ug/l #	50
38) Carbon Tetrachloride	7.783	117	16651	5.575	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	69054	41.338	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	69054	80.038	ug/l #	10

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

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

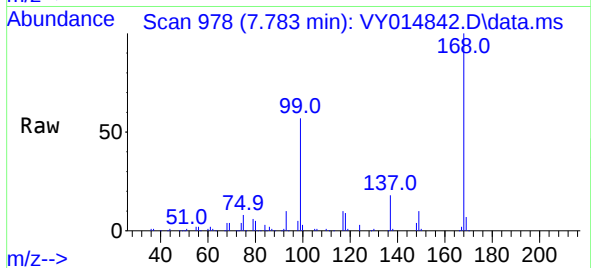
Quant Time: Jul 26 13:44:05 2023
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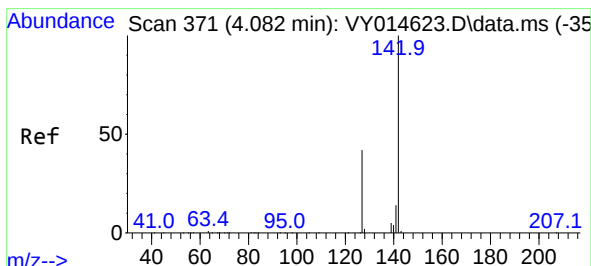
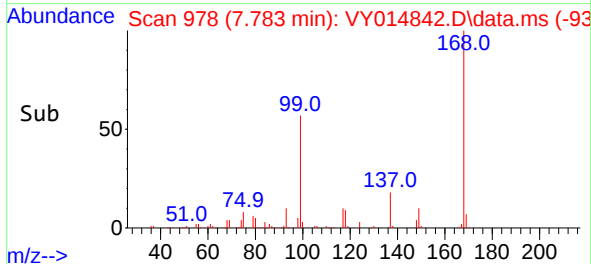
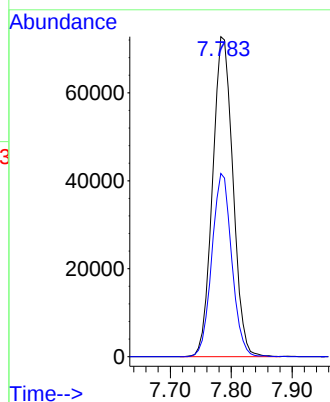


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014842.D
Acq: 26 Jul 2023 12:03

Instrument :
MSVOA_Y
ClientSampleId :

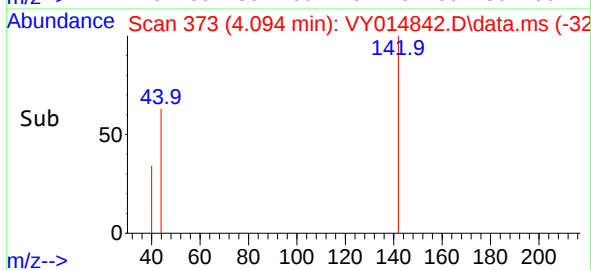
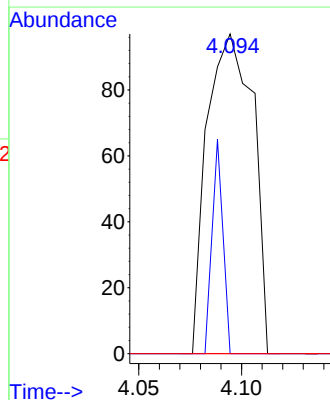
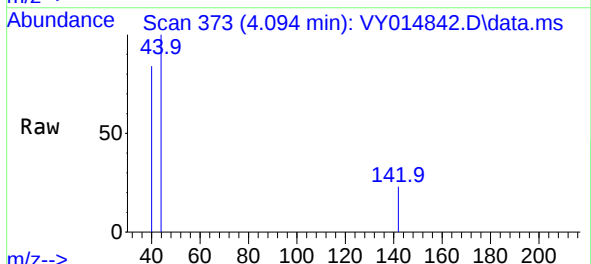


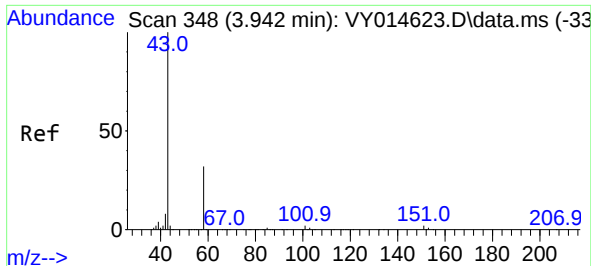
Tgt Ion:168 Resp: 168841
Ion Ratio Lower Upper
168 100
99 57.3 43.4 65.0



#10
Methyl Iodide
Concen: 2.446 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.012 min
Lab File: VY014842.D
Acq: 26 Jul 2023 12:03

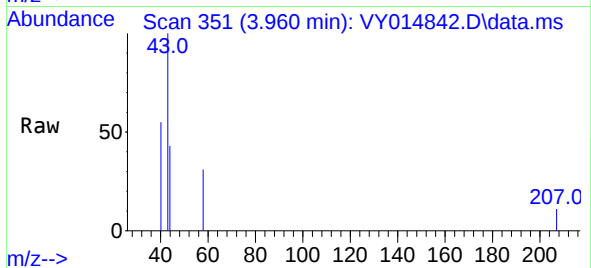
Tgt Ion:142 Resp: 151
Ion Ratio Lower Upper
142 100
127 15.9 37.6 56.4#
141 0.0 11.8 17.8#



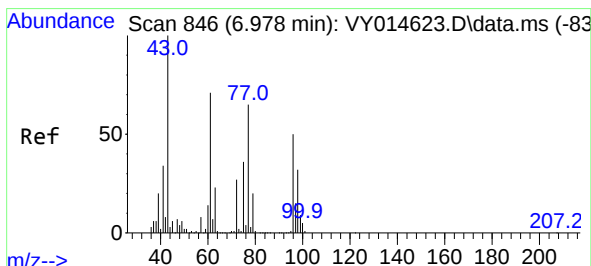
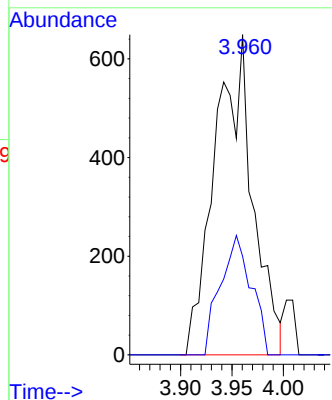


#16
Acetone
Concen: 2.736 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY014842.D
Acq: 26 Jul 2023 12:03

Instrument :
MSVOA_Y
ClientSampleId :

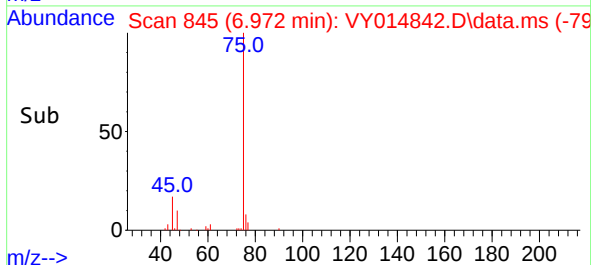
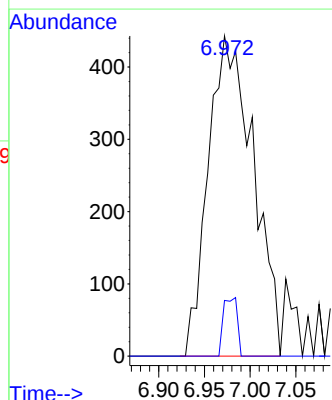
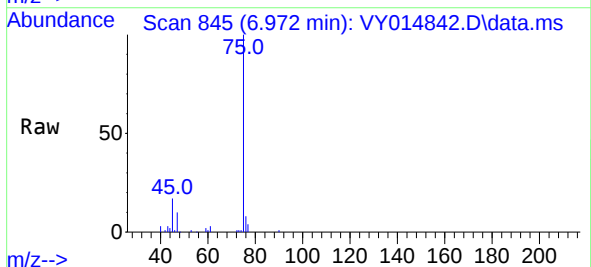


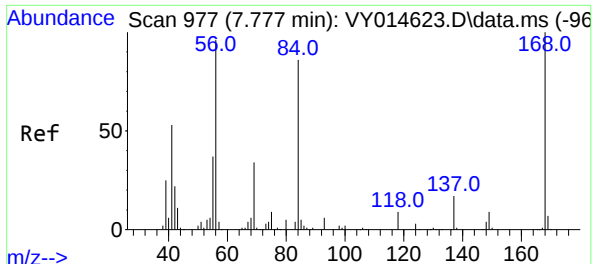
Tgt Ion: 43 Resp: 1668
Ion Ratio Lower Upper
43 100
58 30.8 22.7 34.1



#25
2-Butanone
Concen: 1.702 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY014842.D
Acq: 26 Jul 2023 12:03

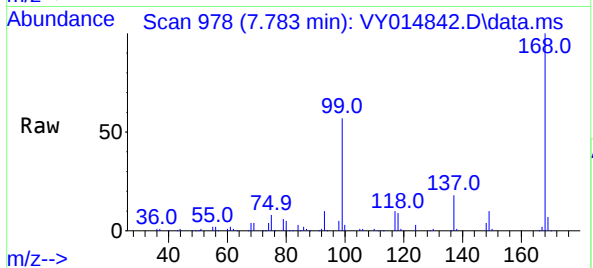
Tgt Ion: 43 Resp: 1518
Ion Ratio Lower Upper
43 100
72 17.4 20.5 30.7#



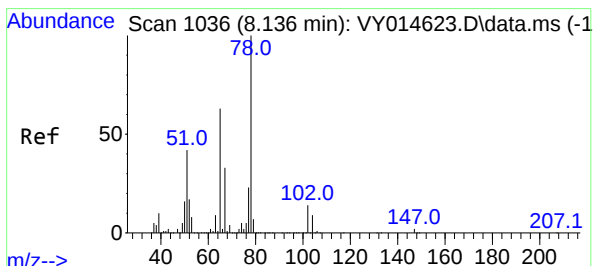
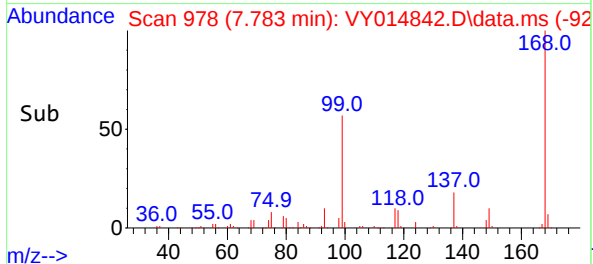
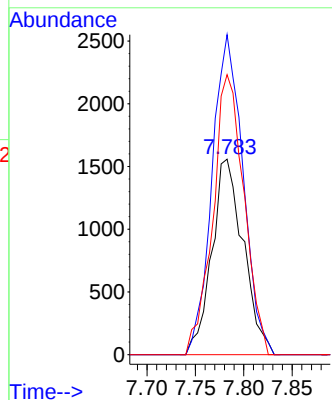


#31
Cyclohexane
Concen: 1.104 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014842.D
Acq: 26 Jul 2023 12:03

Instrument :
MSVOA_Y
ClientSampleId :

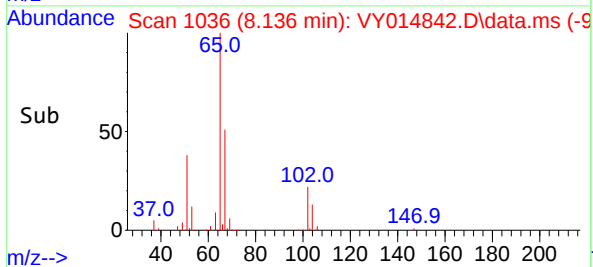
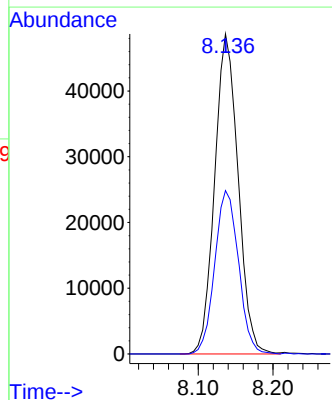
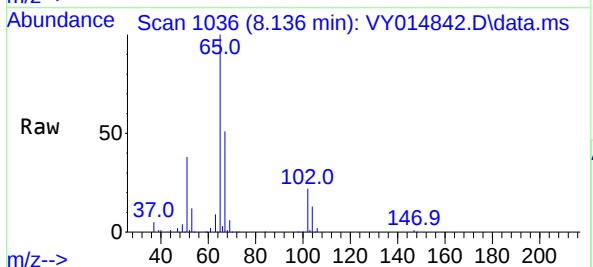


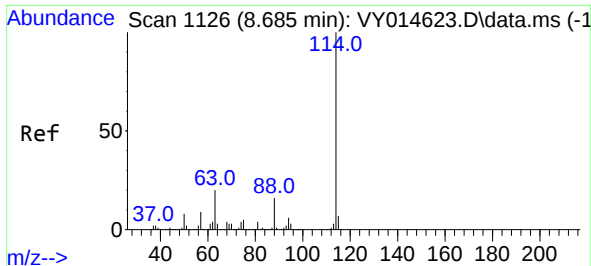
Tgt Ion: 56 Resp: 3525
Ion Ratio Lower Upper
56 100
69 163.6 27.8 41.6#
84 153.9 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 55.108 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014842.D
Acq: 26 Jul 2023 12:03

Tgt Ion: 65 Resp: 106029
Ion Ratio Lower Upper
65 100
67 51.7 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: VY014842.D

Acq: 26 Jul 2023 12:03

Instrument :

MSVOA_Y

ClientSampleId :

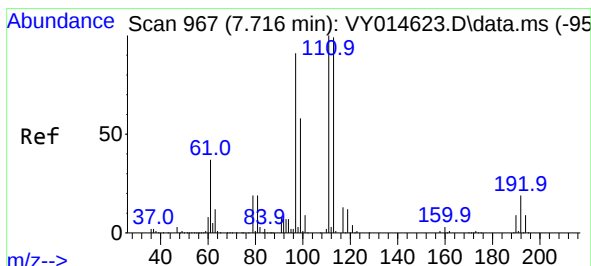
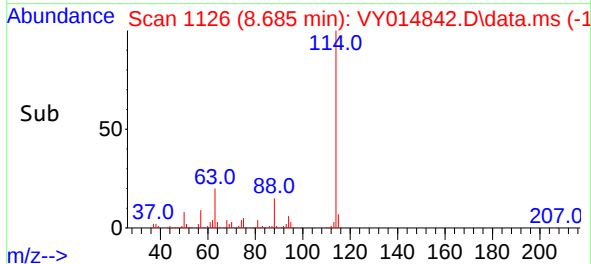
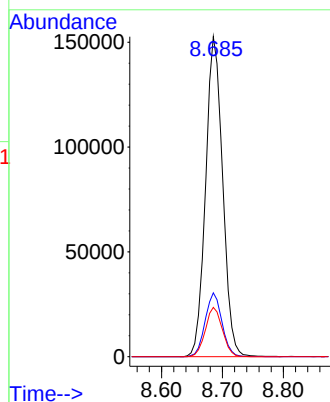
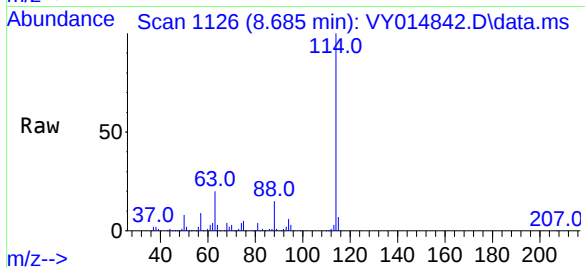
Tgt Ion:114 Resp: 296801

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.553 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014842.D

Acq: 26 Jul 2023 12:03

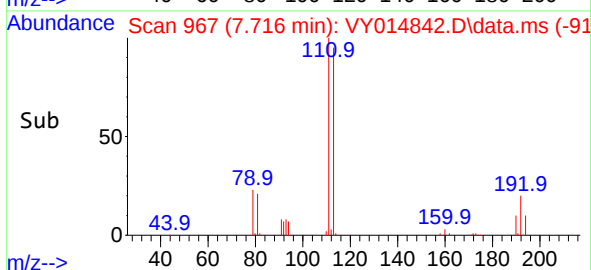
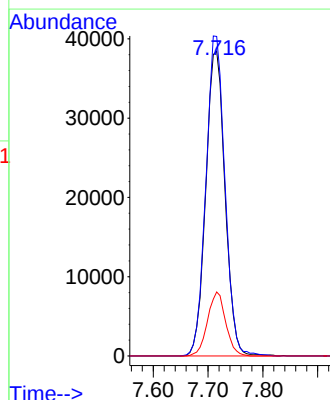
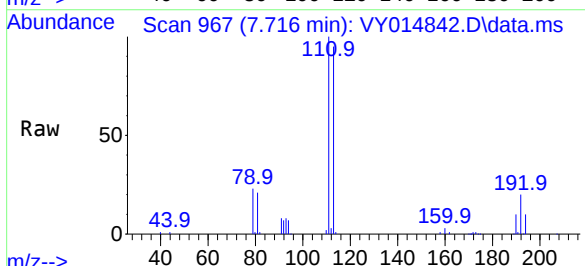
Tgt Ion:113 Resp: 93623

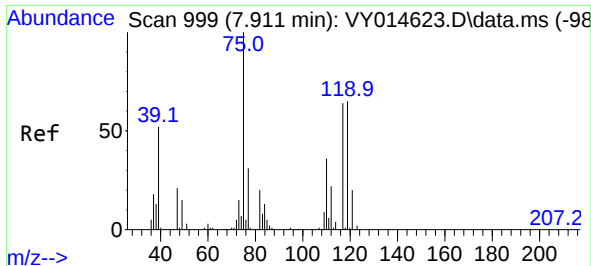
Ion Ratio Lower Upper

113 100

111 103.9 81.3 121.9

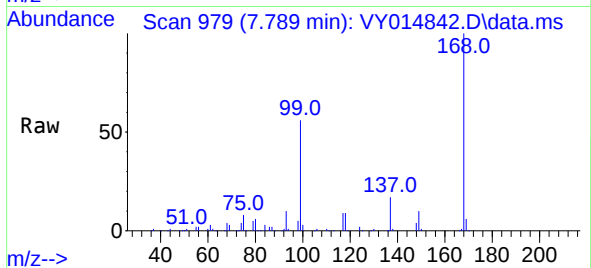
192 19.8 16.9 25.3



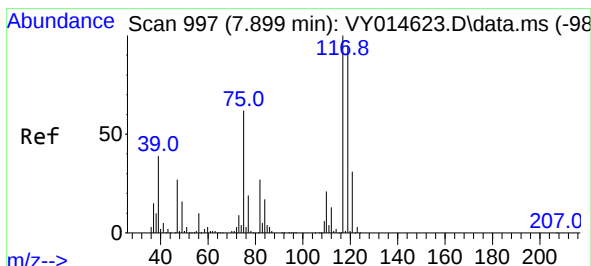
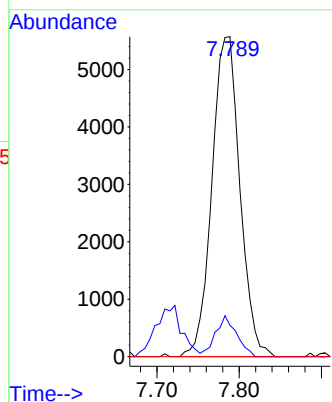
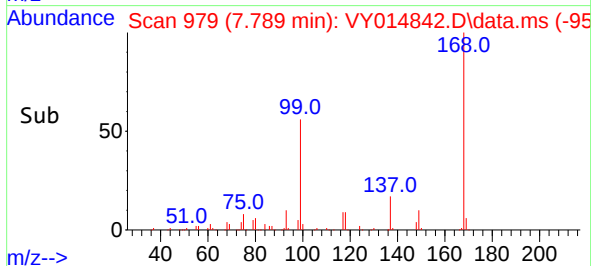


#36
1,1-Dichloropropene
Concen: 4.659 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY014842.D
Acq: 26 Jul 2023 12:03

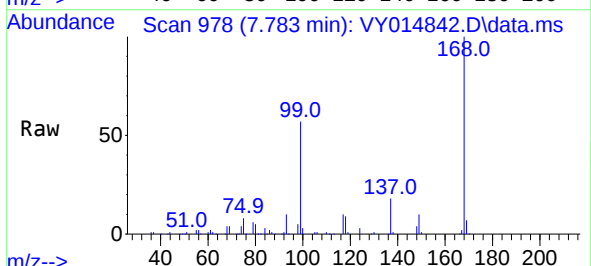
Instrument :
MSVOA_Y
ClientSampleId :



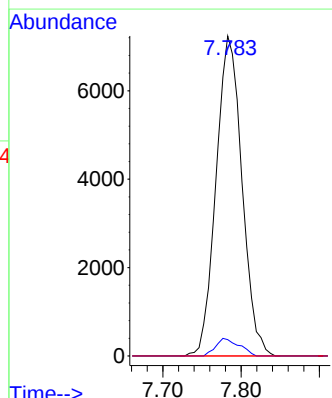
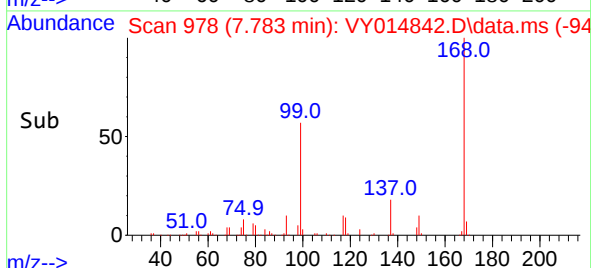
Tgt Ion: 75 Resp: 13165
Ion Ratio Lower Upper
75 100
110 9.7 17.8 53.5#
77 0.0 24.4 36.6#

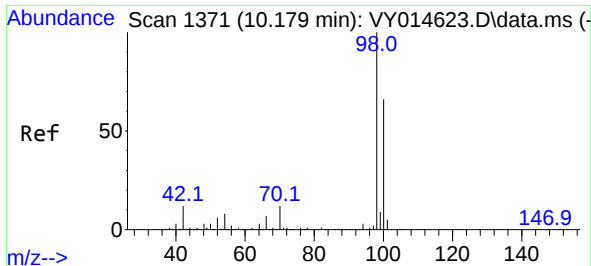


#38
Carbon Tetrachloride
Concen: 5.575 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY014842.D
Acq: 26 Jul 2023 12:03



Tgt Ion: 117 Resp: 16651
Ion Ratio Lower Upper
117 100
119 5.1 76.4 114.6#
121 0.0 25.8 38.6#

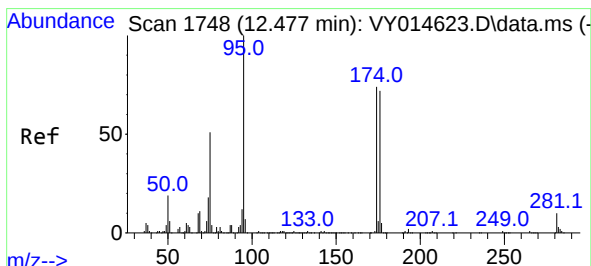
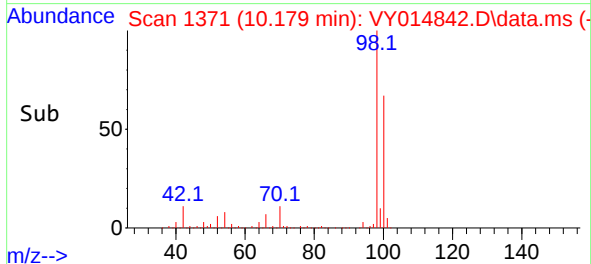
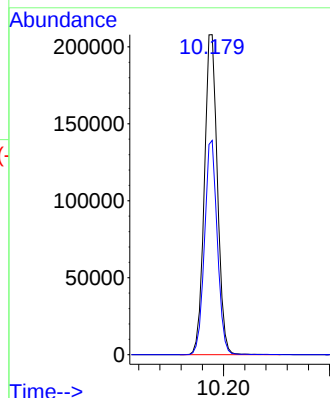
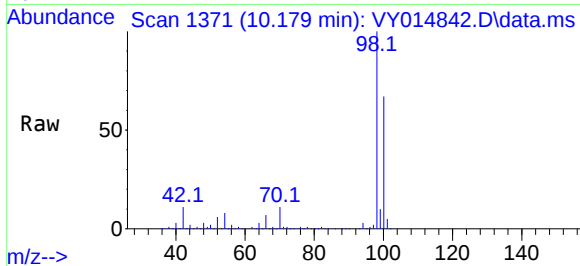




#50
Toluene-d8
Concen: 50.940 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014842.D
Acq: 26 Jul 2023 12:03

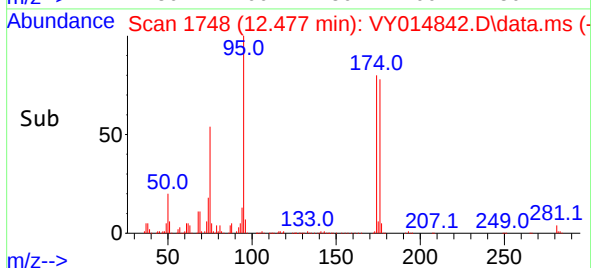
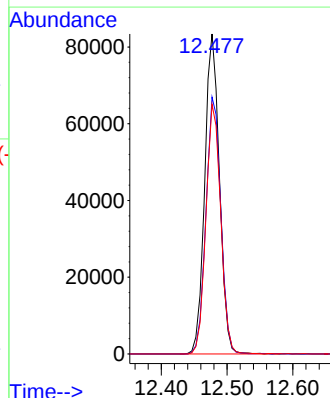
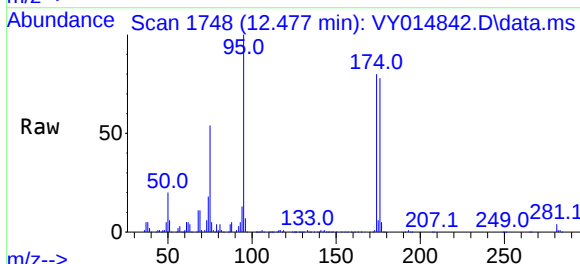
Instrument :
MSVOA_Y
ClientSampleId :

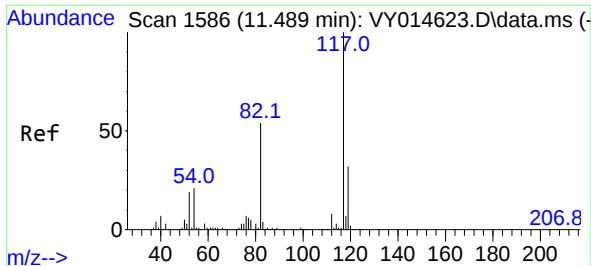
Tgt Ion: 98 Resp: 354833
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.492 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014842.D
Acq: 26 Jul 2023 12:03

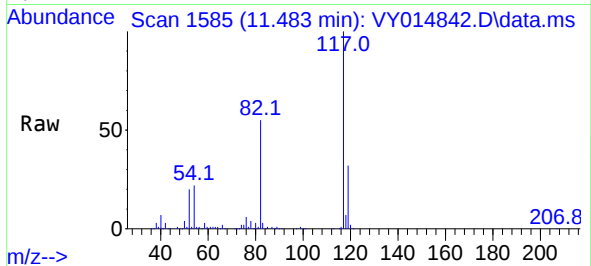
Tgt Ion: 95 Resp: 129518
Ion Ratio Lower Upper
95 100
174 81.0 0.0 178.2
176 78.5 0.0 173.8



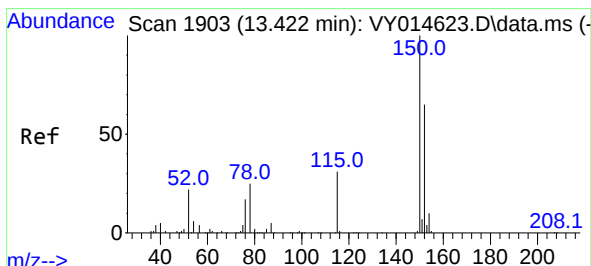
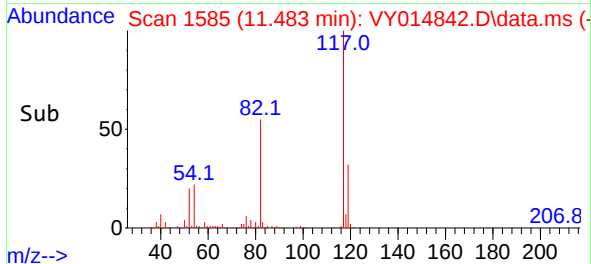
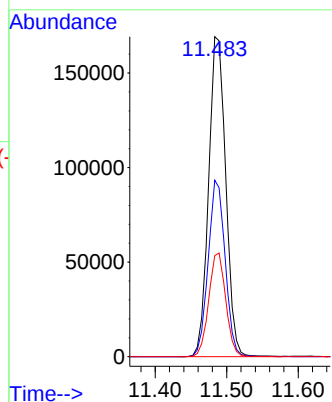


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014842.D
Acq: 26 Jul 2023 12:03

Instrument :
MSVOA_Y
ClientSampleId :

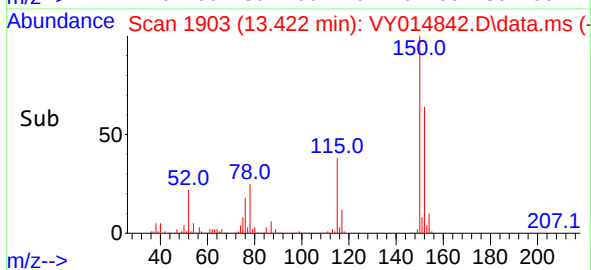
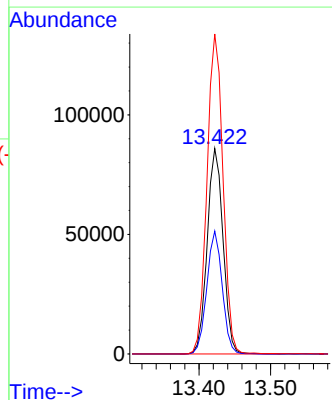
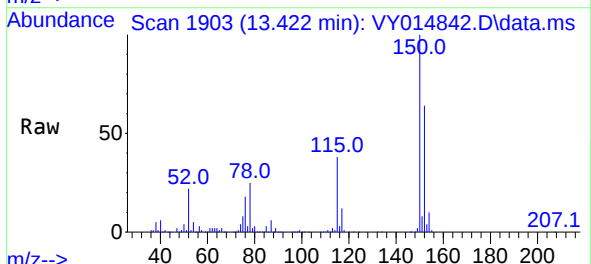


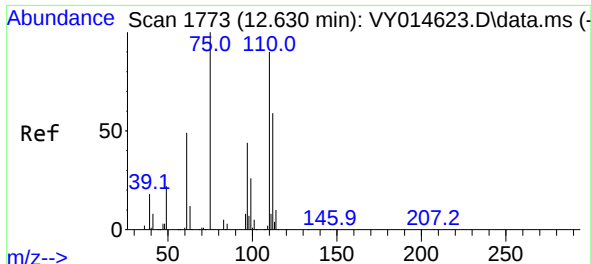
Tgt Ion:117 Resp: 281936
Ion Ratio Lower Upper
117 100
82 55.2 43.4 65.0
119 31.6 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY014842.D
Acq: 26 Jul 2023 12:03

Tgt Ion:152 Resp: 132264
Ion Ratio Lower Upper
152 100
115 58.2 28.8 86.5
150 157.0 0.0 348.8

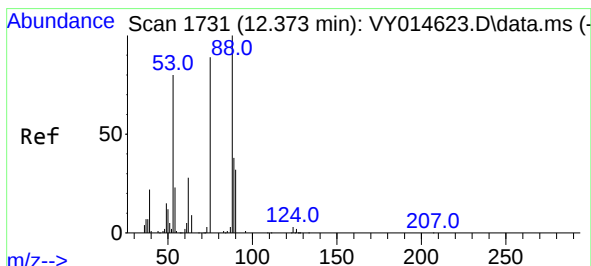
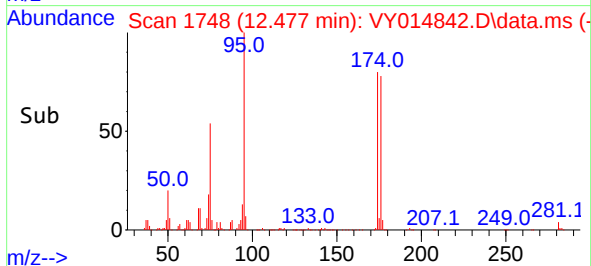
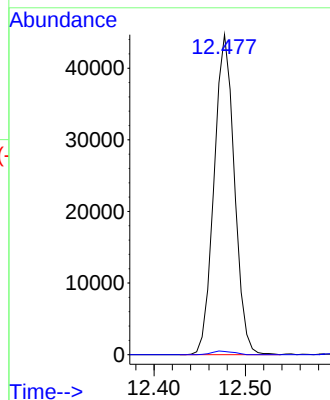
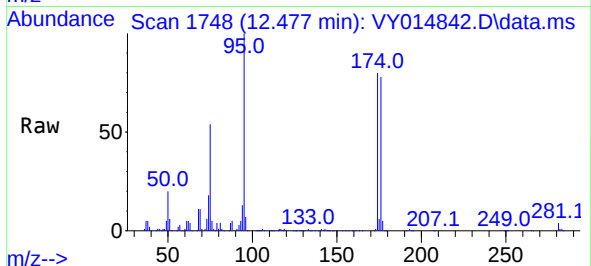




#76
1,2,3-Trichloropropane
Concen: 41.338 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY014842.D
Acq: 26 Jul 2023 12:03

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 69054
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.038 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY014842.D
Acq: 26 Jul 2023 12:03

Tgt Ion: 75 Resp: 69054
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

