

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
 Data File : VY014892.D
 Acq On : 27 Jul 2023 19:08
 Operator : SY/MD
 Sample : 03756-18
 Misc : 6.28g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 28 02:39:26 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)

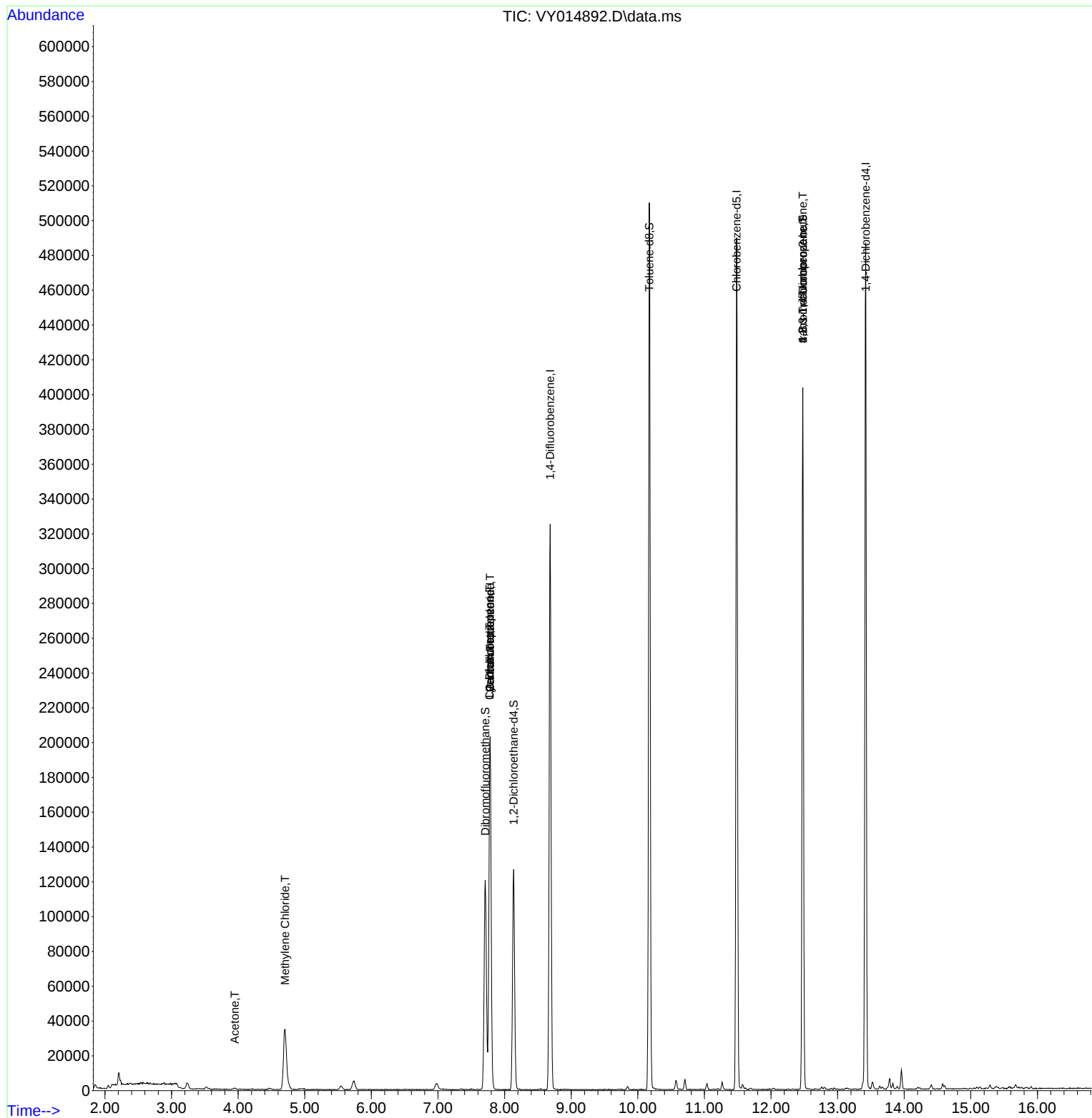
Internal Standards						
1) Pentafluorobenzene	7.783	168	159402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	278375	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	264077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	122870	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	96991	53.396	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.800%	
35) Dibromofluoromethane	7.710	113	85575	48.291	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.580%	
50) Toluene-d8	10.173	98	331920	50.805	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.600%	
62) 4-Bromofluorobenzene	12.477	95	117280	46.817	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.640%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.954	59	1278	Below Cal	#	89
16) Acetone	3.948	43	1504	2.613	ug/l	97
20) Methylene Chloride	4.704	84	26641	10.949	ug/l	86
31) Cyclohexane	7.777	56	3392	1.125	ug/l #	4
36) 1,1-Dichloropropene	7.777	75	12193	4.601	ug/l #	50
38) Carbon Tetrachloride	7.783	117	15708	5.607	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	62934	40.555	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	62934	78.522	ug/l #	10

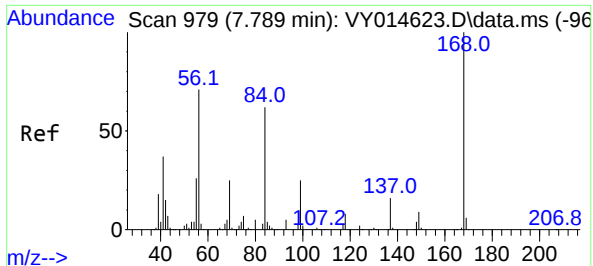
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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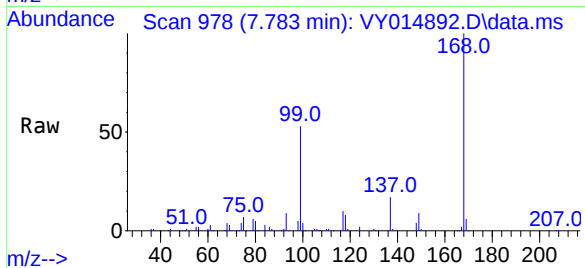
Quant Time: Jul 28 02:39:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration



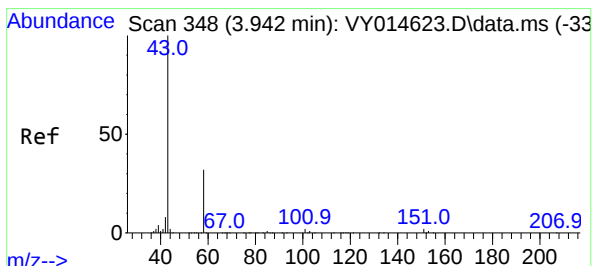
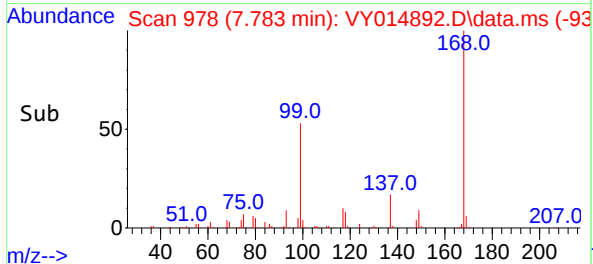
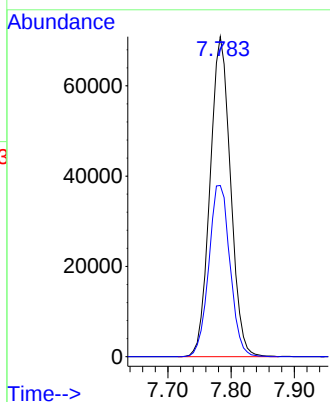


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014892.D
Acq: 27 Jul 2023 19:08

Instrument :
MSVOA_Y
ClientSampleId :

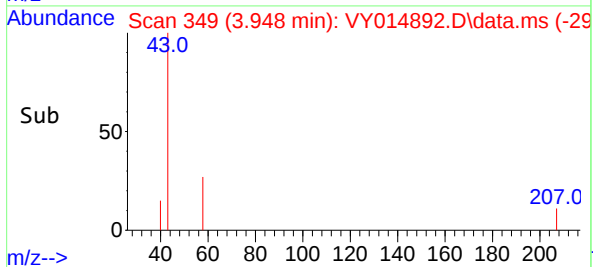
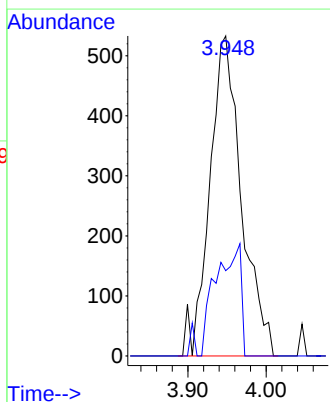
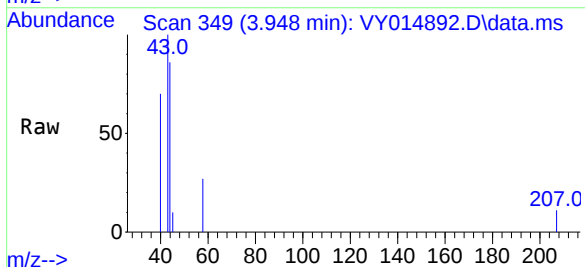


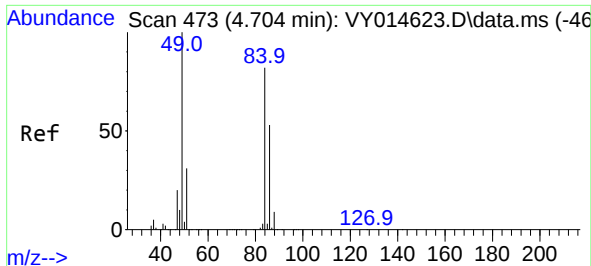
Tgt Ion:168 Resp: 159402
Ion Ratio Lower Upper
168 100
99 53.5 43.4 65.0



#16
Acetone
Concen: 2.613 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014892.D
Acq: 27 Jul 2023 19:08

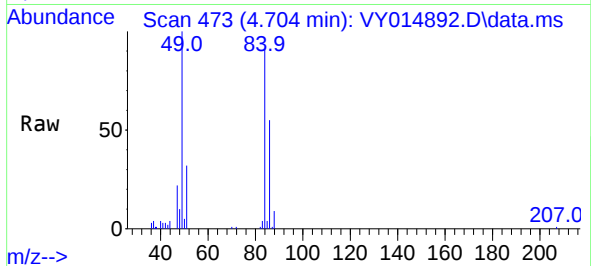
Tgt Ion: 43 Resp: 1504
Ion Ratio Lower Upper
43 100
58 26.6 22.7 34.1



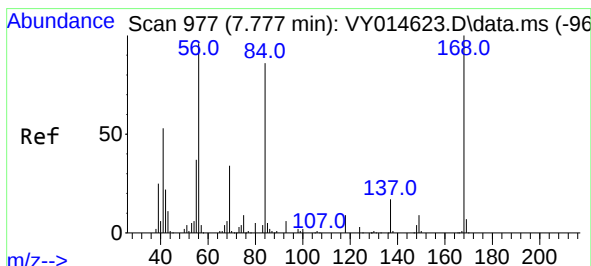
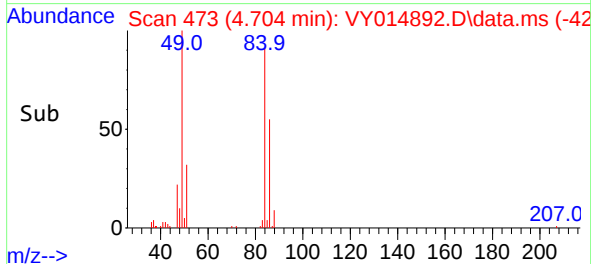
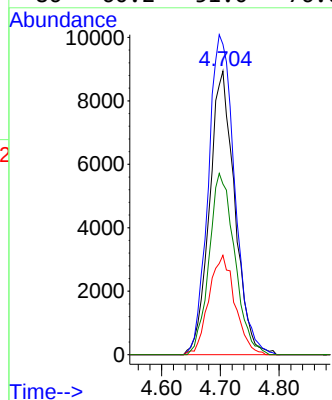


#20
Methylene Chloride
Concen: 10.949 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014892.D
Acq: 27 Jul 2023 19:08

Instrument :
MSVOA_Y
ClientSampleId :

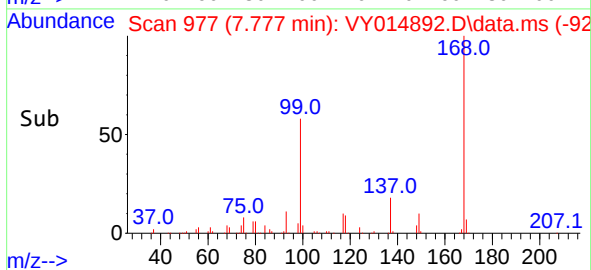
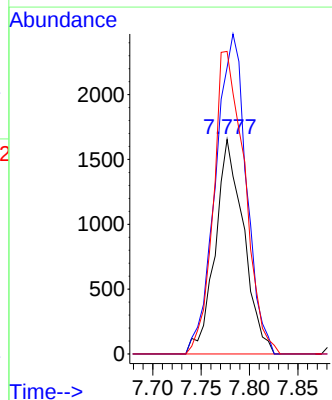
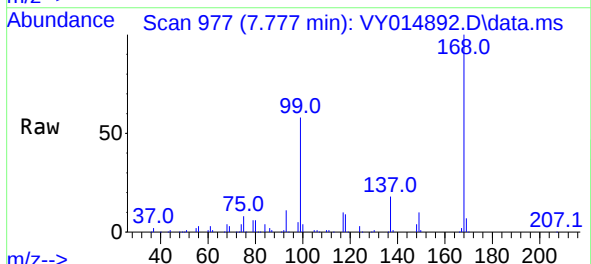


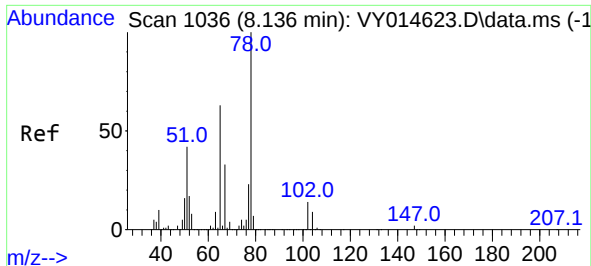
Tgt Ion:	84	Resp:	26641
Ion	Ratio	Lower	Upper
84	100		
49	109.5	106.9	160.3
51	35.1	33.2	49.8
86	60.2	51.0	76.6



#31
Cyclohexane
Concen: 1.125 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.000 min
Lab File: VY014892.D
Acq: 27 Jul 2023 19:08

Tgt Ion:	56	Resp:	3392
Ion	Ratio	Lower	Upper
56	100		
69	133.5	27.8	41.6#
84	141.0	66.4	99.6#

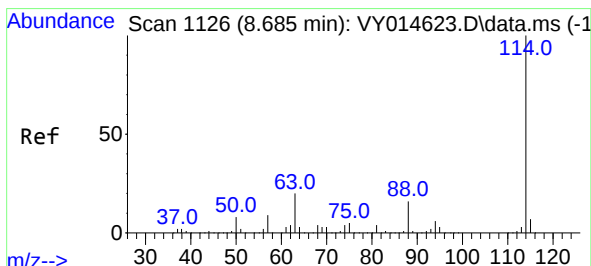
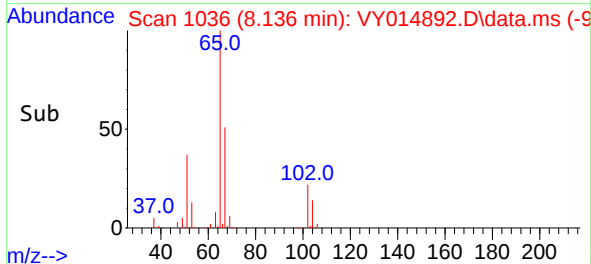
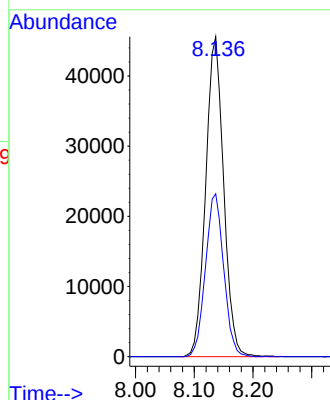
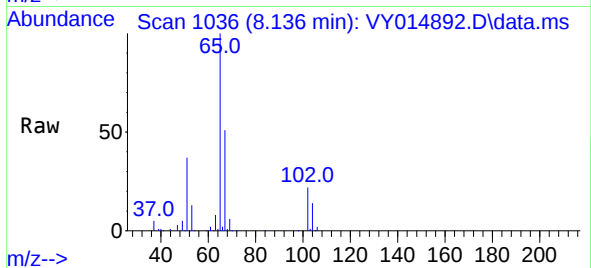




#33
1,2-Dichloroethane-d4
Concen: 53.396 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014892.D
Acq: 27 Jul 2023 19:08

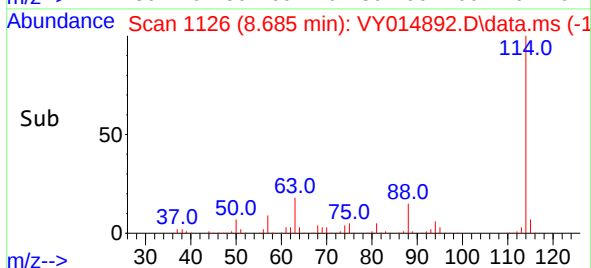
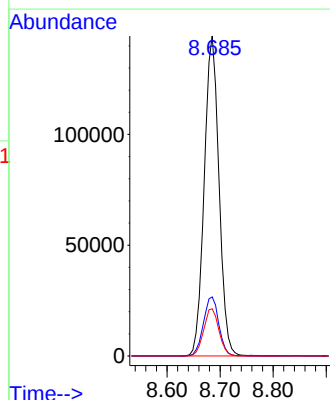
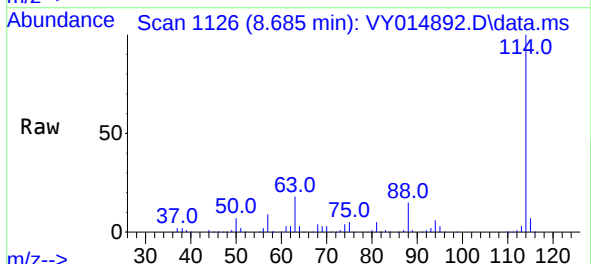
Instrument :
MSVOA_Y
ClientSampleId :

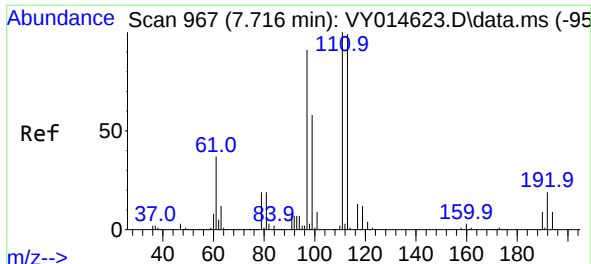
Tgt Ion: 65 Resp: 96991
Ion Ratio Lower Upper
65 100
67 51.6 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014892.D
Acq: 27 Jul 2023 19:08

Tgt Ion: 114 Resp: 278375
Ion Ratio Lower Upper
114 100
63 18.4 0.0 42.4
88 14.8 0.0 30.6

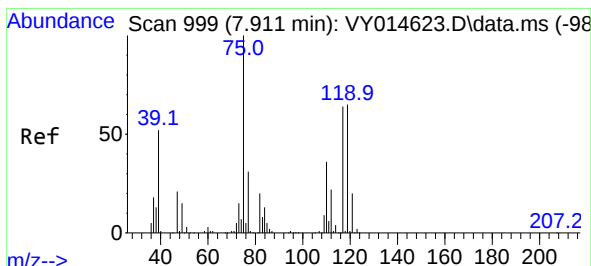
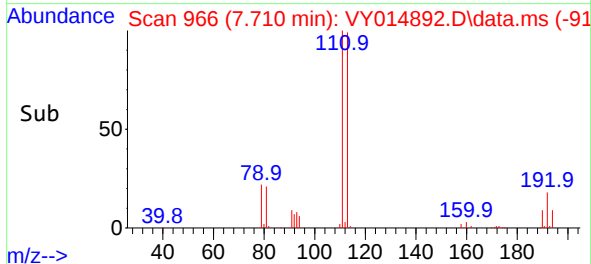
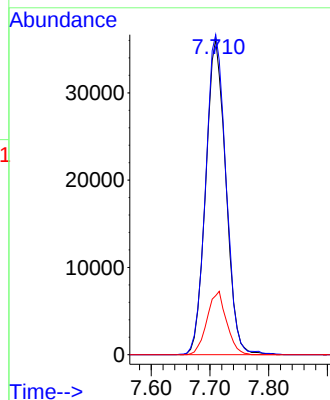
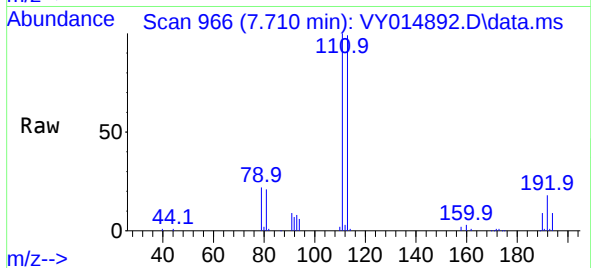




#35
Dibromofluoromethane
Concen: 48.291 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014892.D
Acq: 27 Jul 2023 19:08

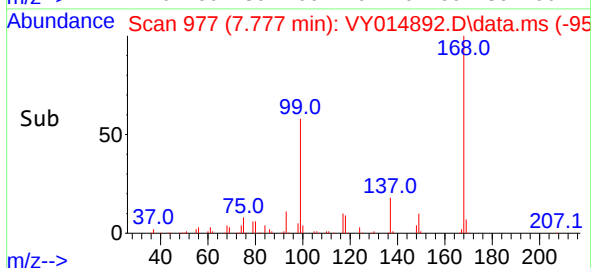
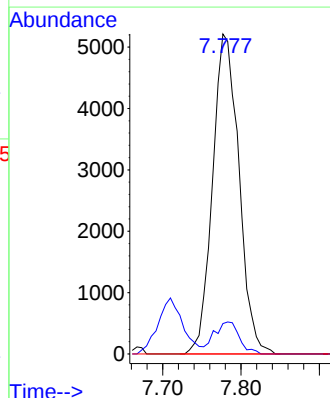
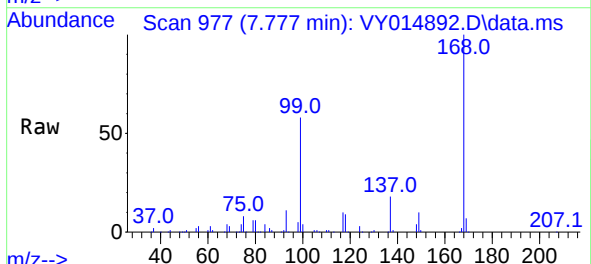
Instrument :
MSVOA_Y
ClientSampleId :

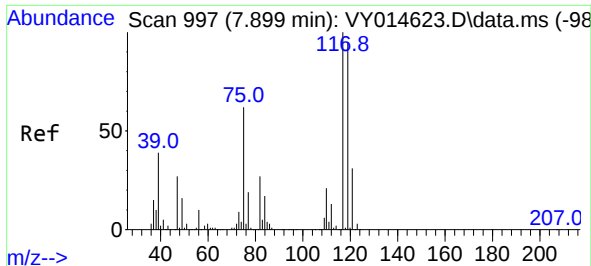
Tgt Ion:113 Resp: 85575
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.601 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY014892.D
Acq: 27 Jul 2023 19:08

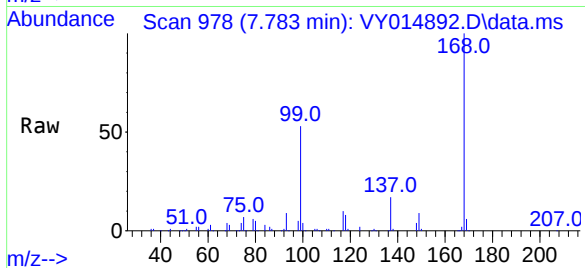
Tgt Ion: 75 Resp: 12193
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.5#
77 0.0 24.4 36.6#



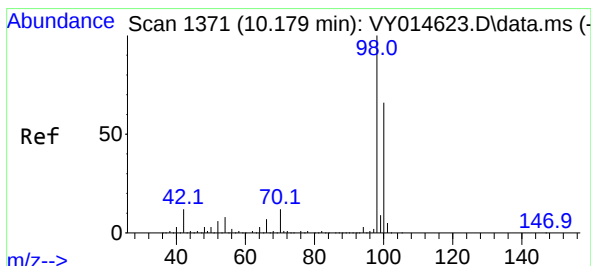
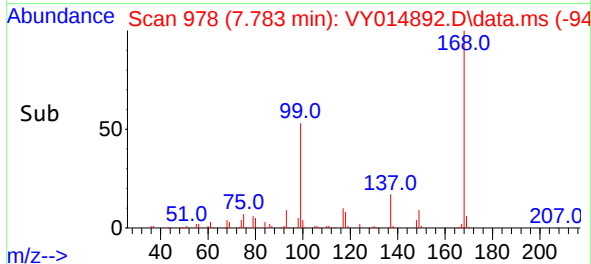
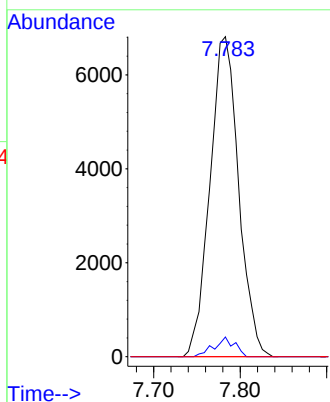


#38
Carbon Tetrachloride
Concen: 5.607 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY014892.D
Acq: 27 Jul 2023 19:08

Instrument :
MSVOA_Y
ClientSampleId :

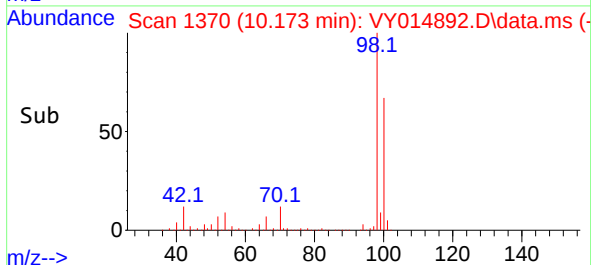
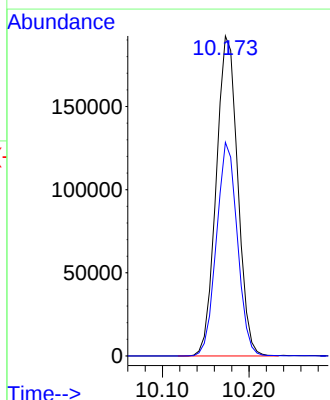
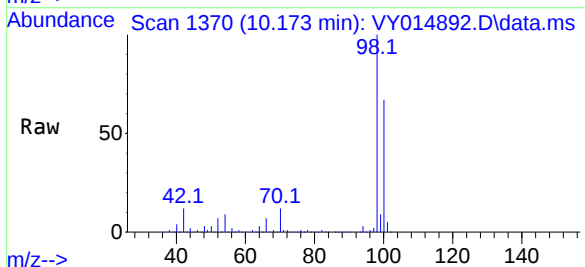


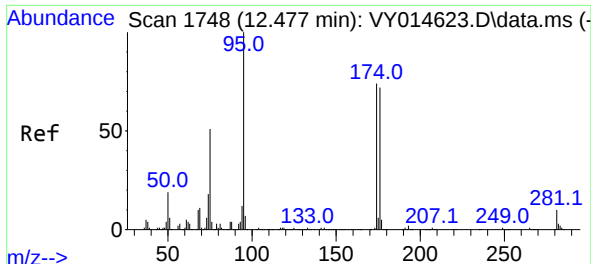
Tgt Ion:117 Resp: 15708
Ion Ratio Lower Upper
117 100
119 6.1 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.805 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY014892.D
Acq: 27 Jul 2023 19:08

Tgt Ion: 98 Resp: 331920
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1

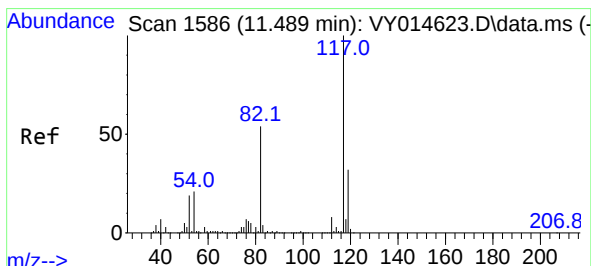
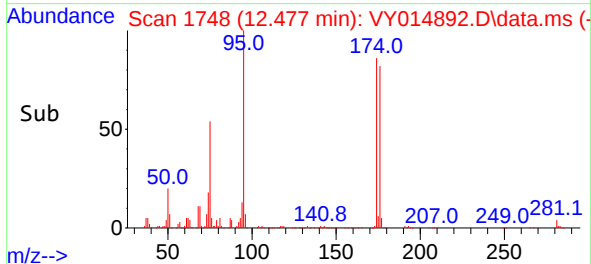
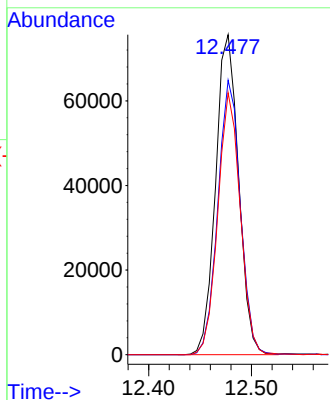
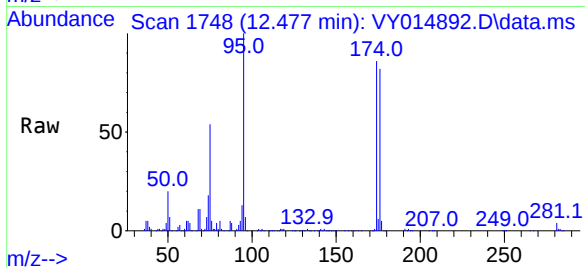




#62
4-Bromofluorobenzene
Concen: 46.817 ug/l
RT: 12.477 min Scan# 117280
Delta R.T. 0.000 min
Lab File: VY014892.D
Acq: 27 Jul 2023 19:08

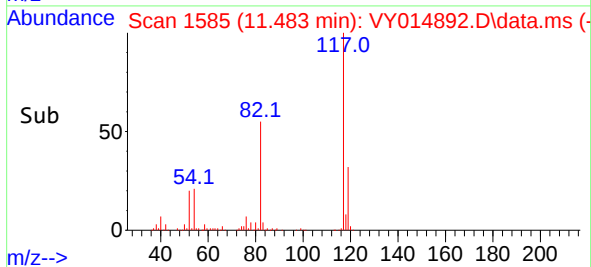
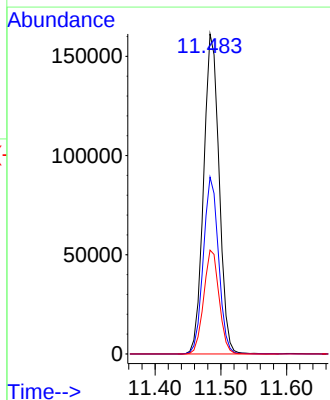
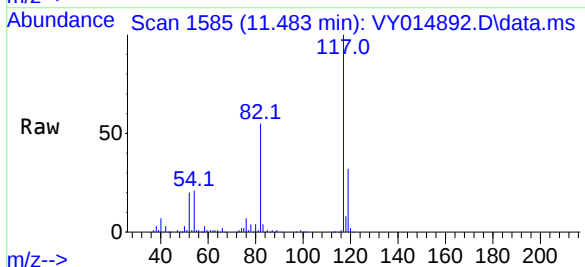
Instrument :
MSVOA_Y
ClientSampleId :

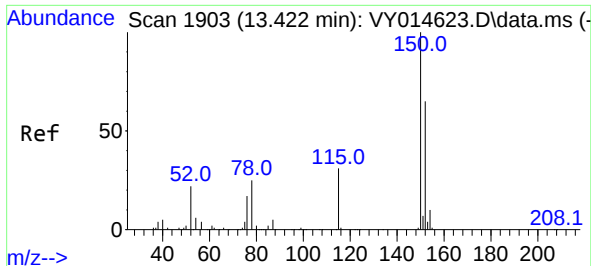
Tgt Ion:	95	Resp:	117280
Ion	Ratio	Lower	Upper
95	100		
174	84.1	0.0	178.2
176	79.9	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY014892.D
Acq: 27 Jul 2023 19:08

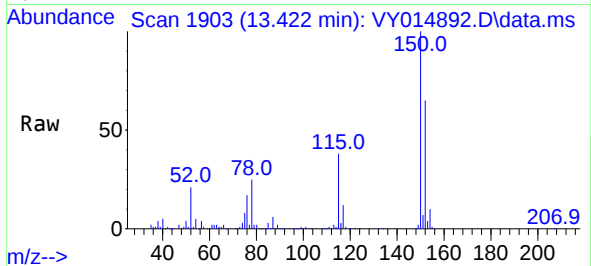
Tgt Ion:	117	Resp:	264077
Ion	Ratio	Lower	Upper
117	100		
82	55.3	43.4	65.0
119	32.5	26.3	39.5



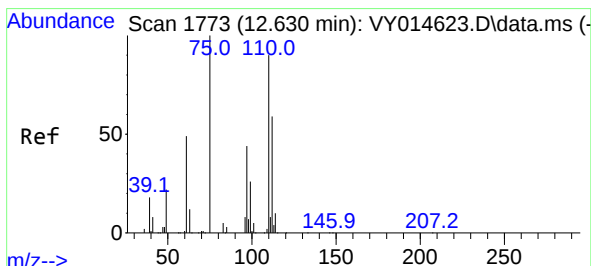
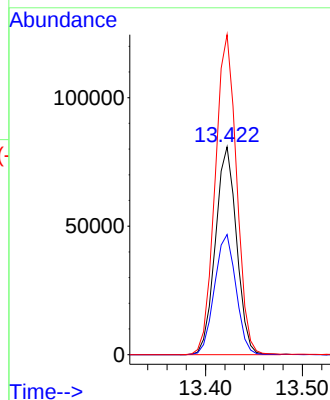
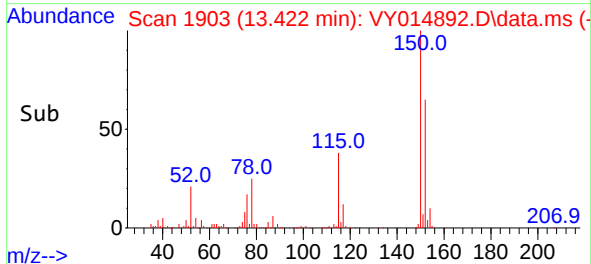


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014892.D
Acq: 27 Jul 2023 19:08

Instrument :
MSVOA_Y
ClientSampleId :

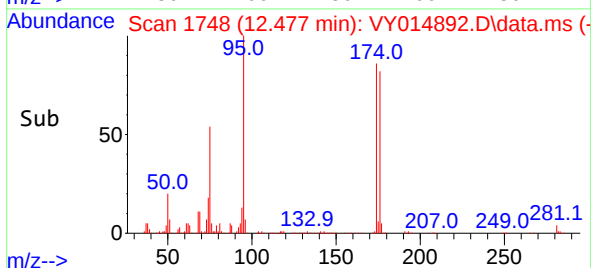
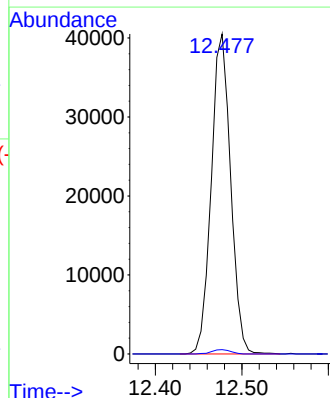
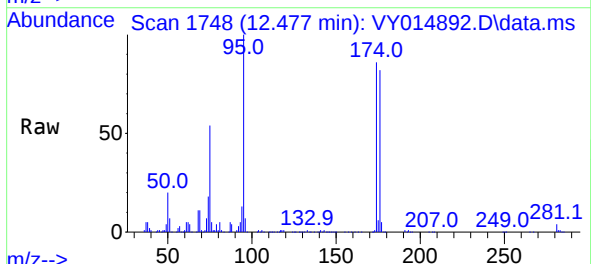


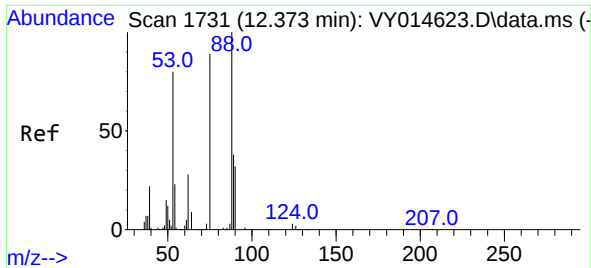
Tgt Ion:152 Resp: 122870
Ion Ratio Lower Upper
152 100
115 58.7 28.8 86.5
150 155.8 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 40.555 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY014892.D
Acq: 27 Jul 2023 19:08

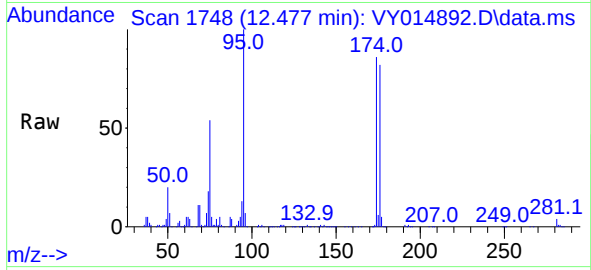
Tgt Ion: 75 Resp: 62934
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.522 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014892.D
 Acq: 27 Jul 2023 19:08

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 62934
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

