

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
 Data File : VY014893.D
 Acq On : 27 Jul 2023 19:32
 Operator : SY/MD
 Sample : 03796-01
 Misc : 6.46g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 28 02:39:36 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)

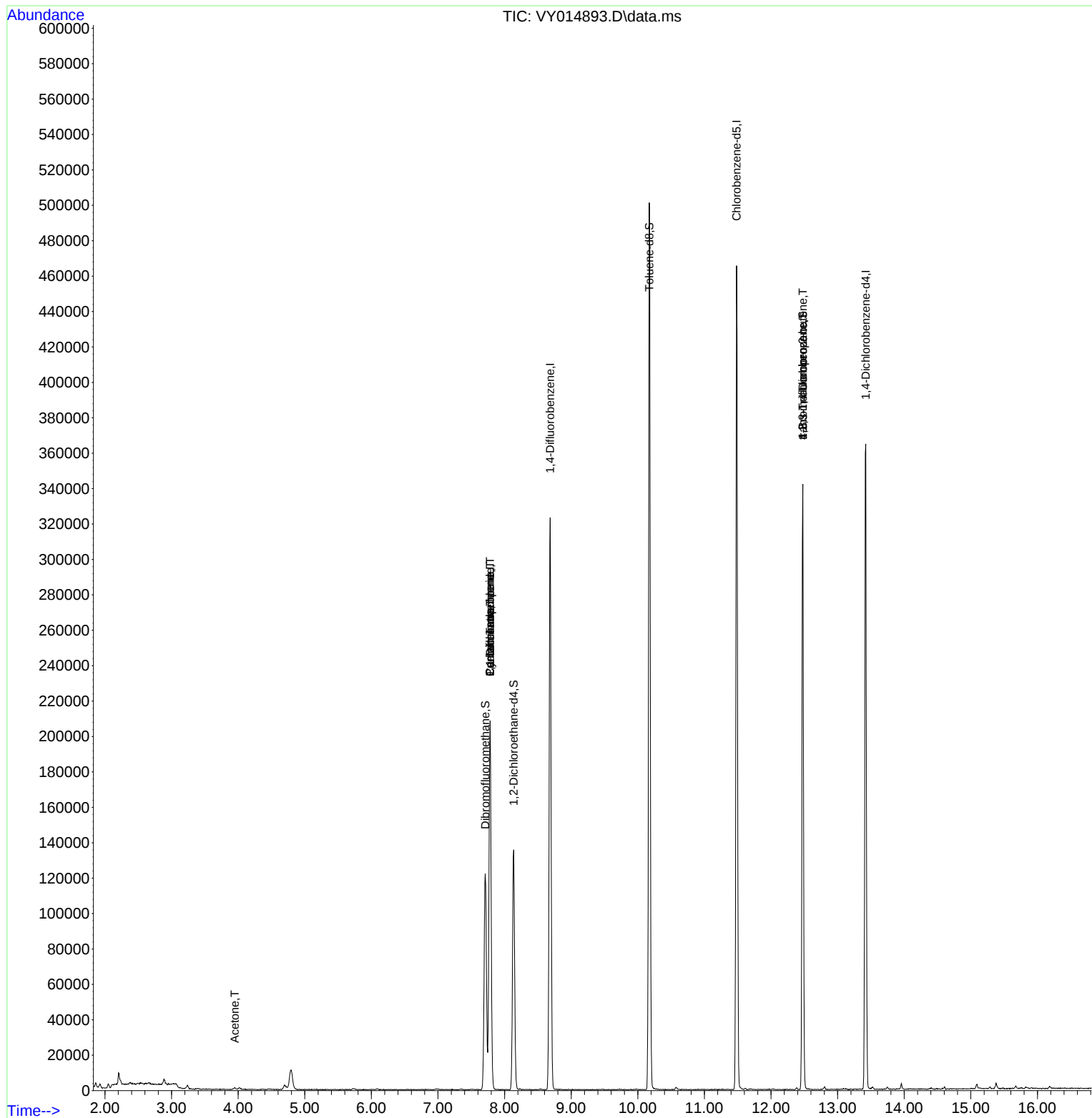
Internal Standards						
1) Pentafluorobenzene	7.783	168	158459	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	279327	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	250196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	93996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	104678	57.971	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.940%	
35) Dibromofluoromethane	7.710	113	89096	50.107	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.220%	
50) Toluene-d8	10.173	98	329399	50.247	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.500%	
62) 4-Bromofluorobenzene	12.477	95	103867	41.321	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 82.640%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	44	Below Cal	#	89
16) Acetone	3.948	43	1487	2.599	ug/l #	73
20) Methylene Chloride	4.704	84	1736	Below Cal	#	80
31) Cyclohexane	7.783	56	3359	1.121	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	12281	4.618	ug/l #	51
38) Carbon Tetrachloride	7.783	117	16200	5.763	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	55102	46.416	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	55102	89.869	ug/l #	11

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

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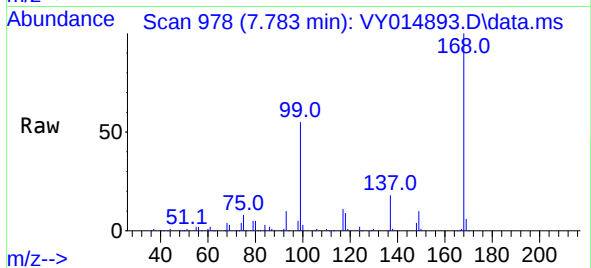
Quant Time: Jul 28 02:39:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration



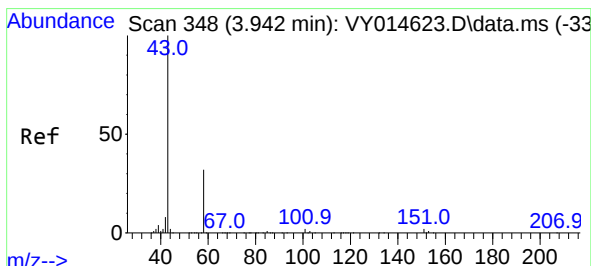
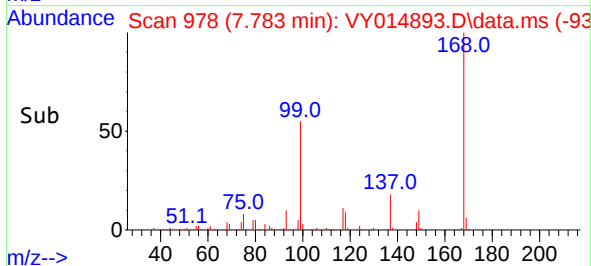
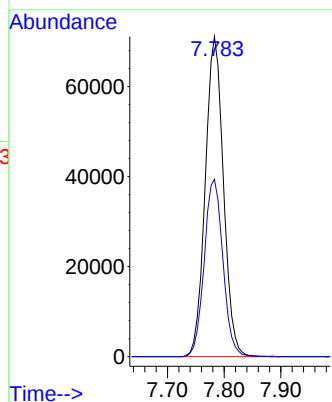


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014893.D
Acq: 27 Jul 2023 19:32

Instrument :
MSVOA_Y
ClientSampleId :

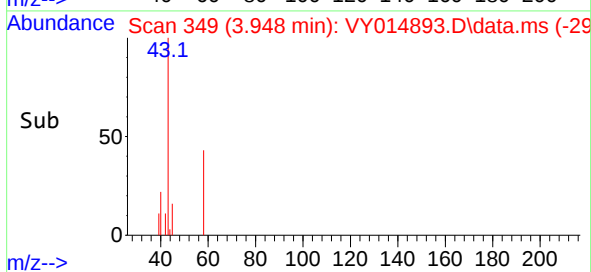
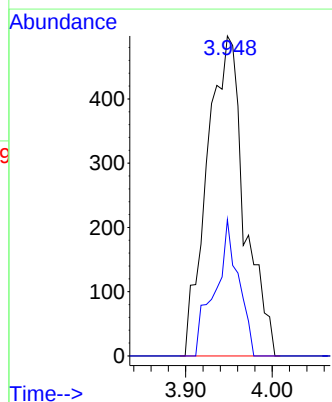
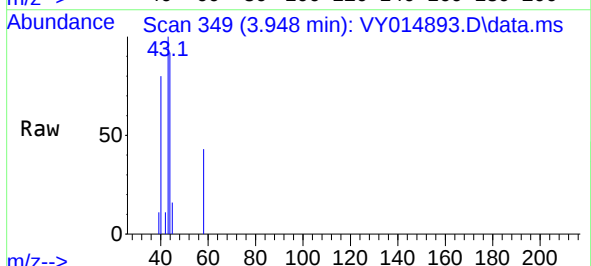


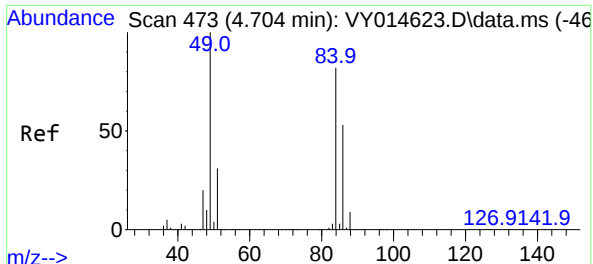
Tgt Ion:168 Resp: 158459
Ion Ratio Lower Upper
168 100
99 55.5 43.4 65.0



#16
Acetone
Concen: 2.599 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014893.D
Acq: 27 Jul 2023 19:32

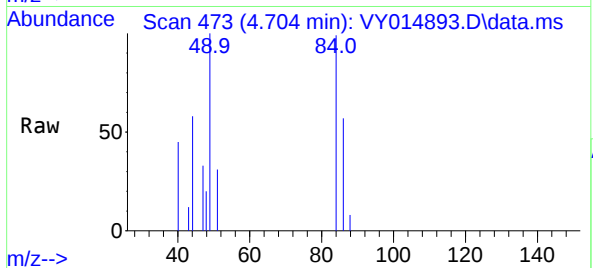
Tgt Ion: 43 Resp: 1487
Ion Ratio Lower Upper
43 100
58 42.6 22.7 34.1#





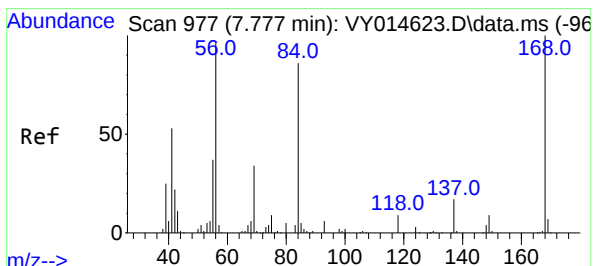
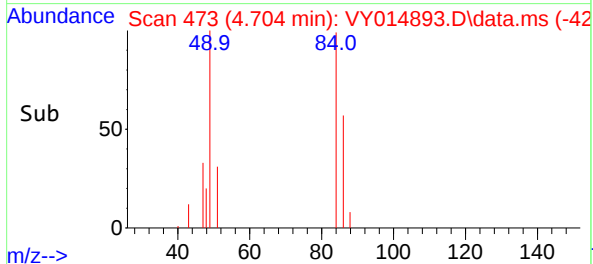
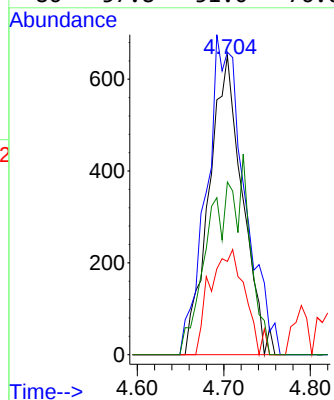
#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014893.D
Acq: 27 Jul 2023 19:32

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 1736

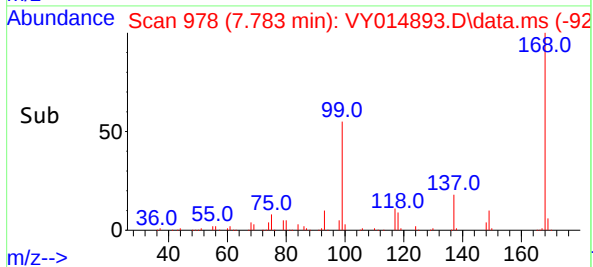
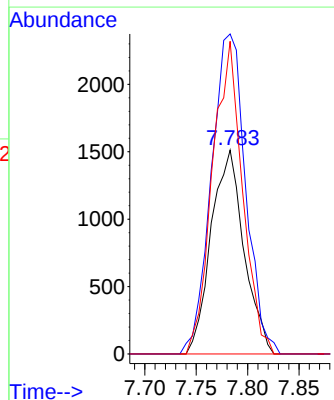
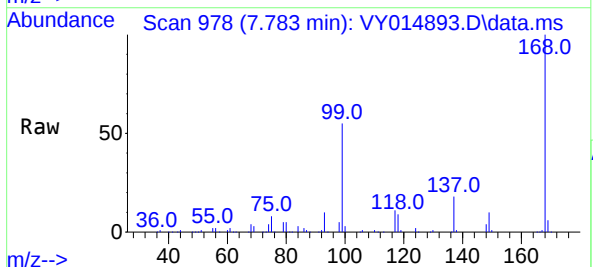
Ion	Ratio	Lower	Upper
84	100		
49	101.2	106.9	160.3#
51	31.2	33.2	49.8#
86	57.8	51.0	76.6

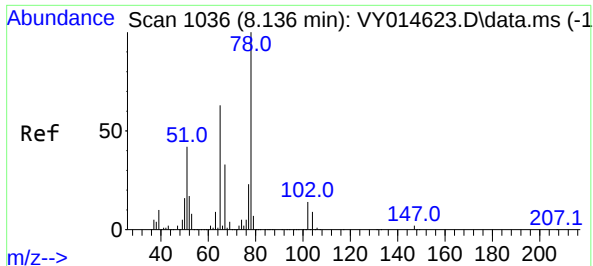


#31
Cyclohexane
Concen: 1.121 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY014893.D
Acq: 27 Jul 2023 19:32

Tgt Ion: 56 Resp: 3359

Ion	Ratio	Lower	Upper
56	100		
69	157.0	27.8	41.6#
84	153.4	66.4	99.6#





#33

1,2-Dichloroethane-d4

Concen: 57.971 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY014893.D

Acq: 27 Jul 2023 19:32

Instrument :

MSVOA_Y

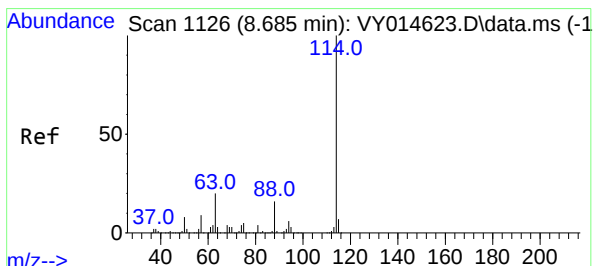
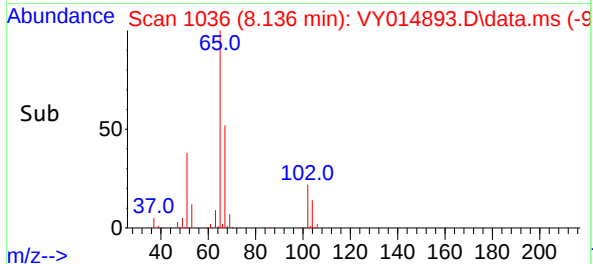
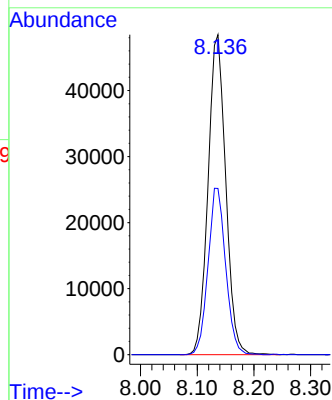
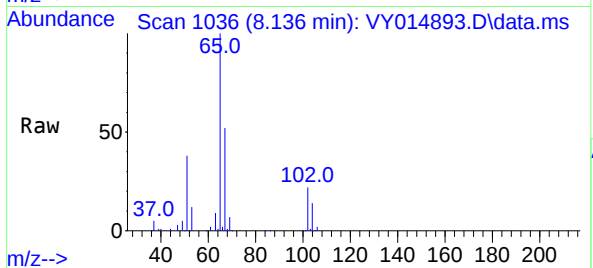
ClientSampleId :

Tgt Ion: 65 Resp: 104678

Ion Ratio Lower Upper

65 100

67 51.9 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: VY014893.D

Acq: 27 Jul 2023 19:32

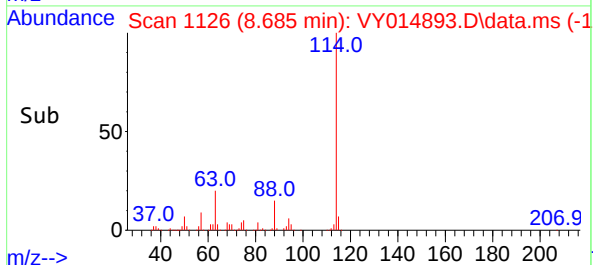
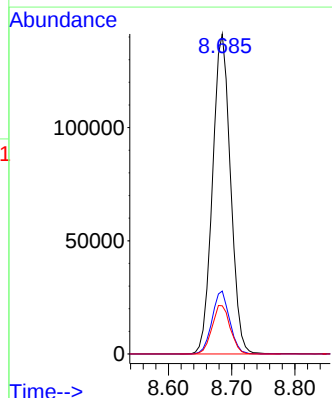
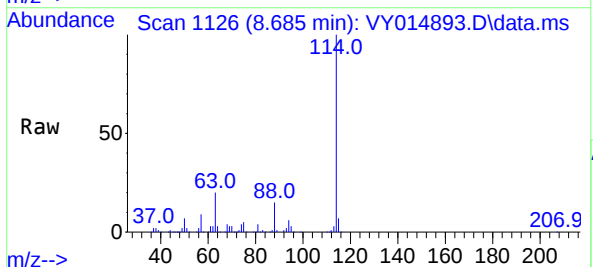
Tgt Ion:114 Resp: 279327

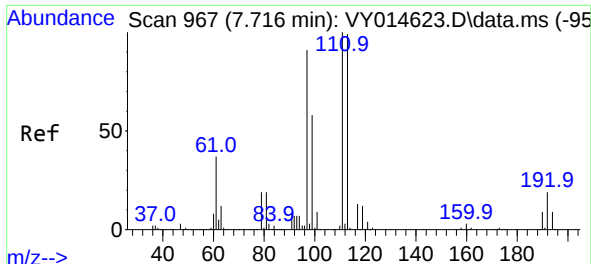
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

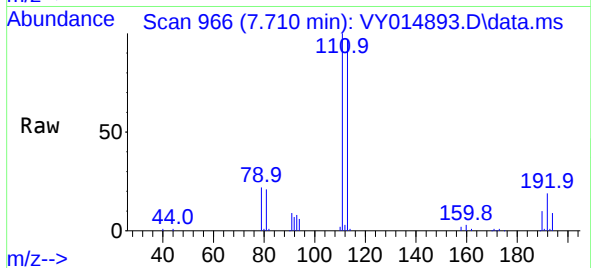
88 15.1 0.0 30.6



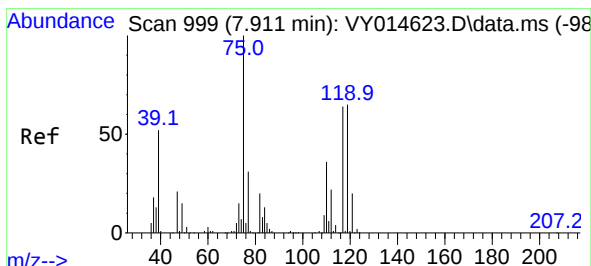
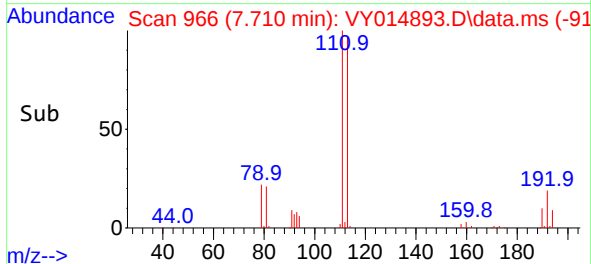
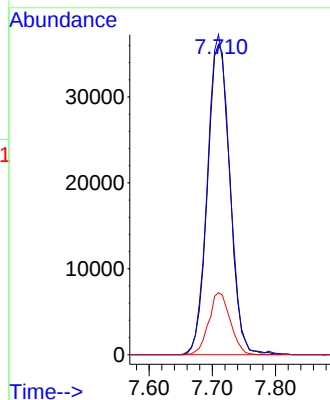


#35
Dibromofluoromethane
Concen: 50.107 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY014893.D
Acq: 27 Jul 2023 19:32

Instrument :
MSVOA_Y
ClientSampleId :

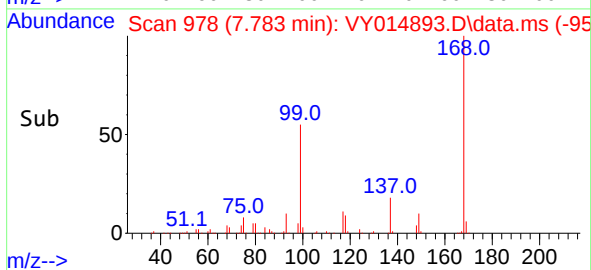
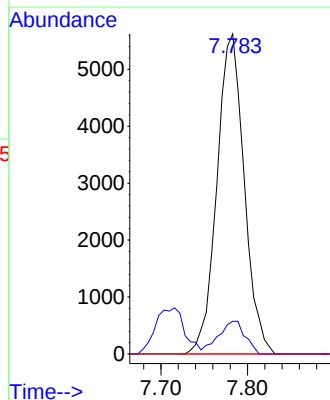
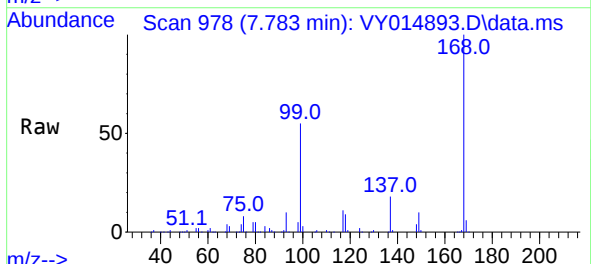


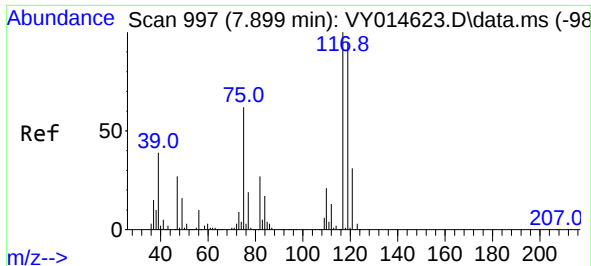
Tgt Ion:113 Resp: 89096
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.618 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY014893.D
Acq: 27 Jul 2023 19:32

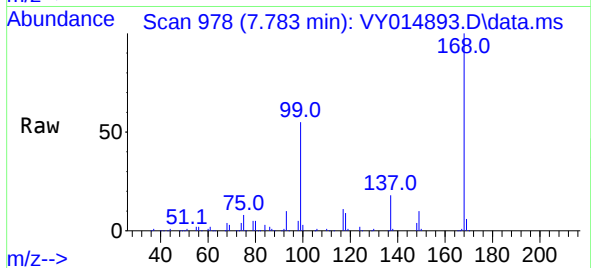
Tgt Ion: 75 Resp: 12281
Ion Ratio Lower Upper
75 100
110 10.0 17.8 53.5#
77 0.0 24.4 36.6#



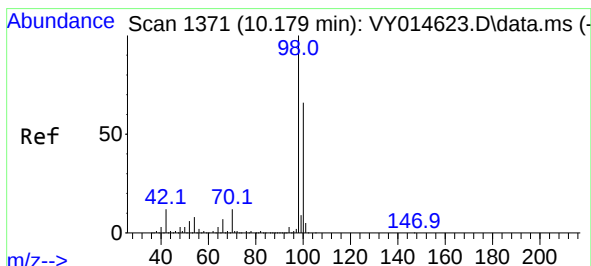
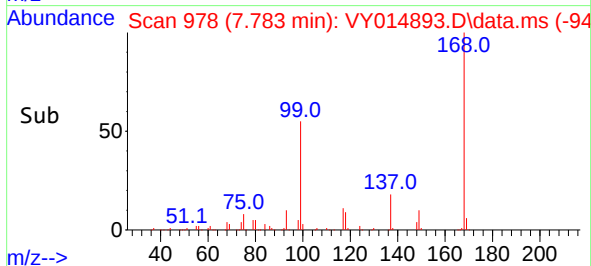
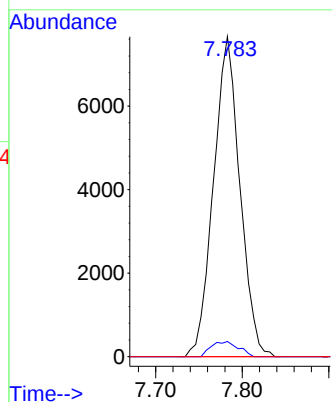


#38
Carbon Tetrachloride
Concen: 5.763 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY014893.D
Acq: 27 Jul 2023 19:32

Instrument :
MSVOA_Y
ClientSampleId :

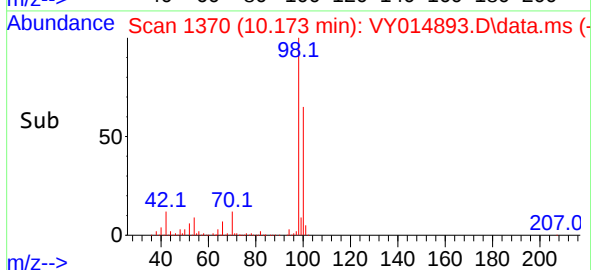
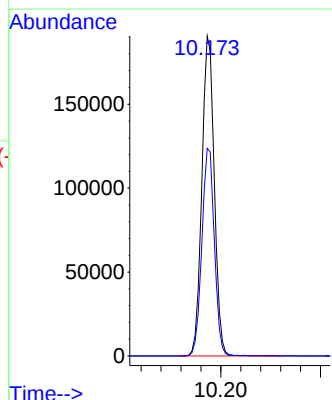
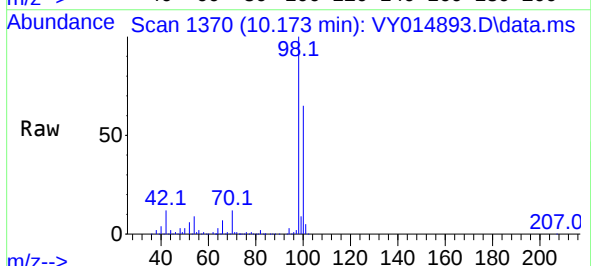


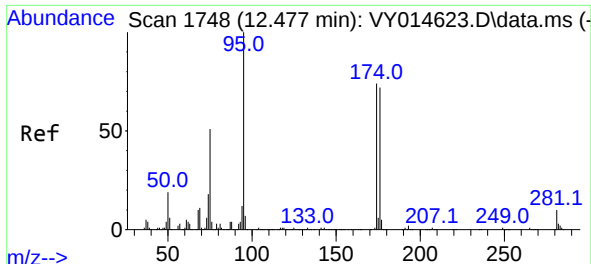
Tgt Ion:117 Resp: 16200
Ion Ratio Lower Upper
117 100
119 4.8 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.247 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY014893.D
Acq: 27 Jul 2023 19:32

Tgt Ion: 98 Resp: 329399
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

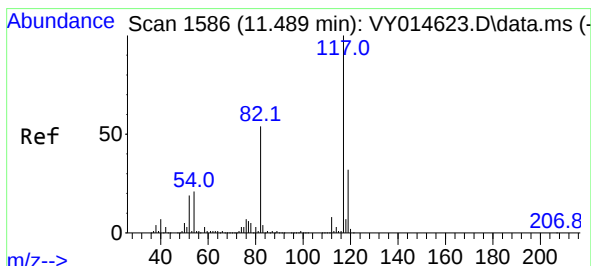
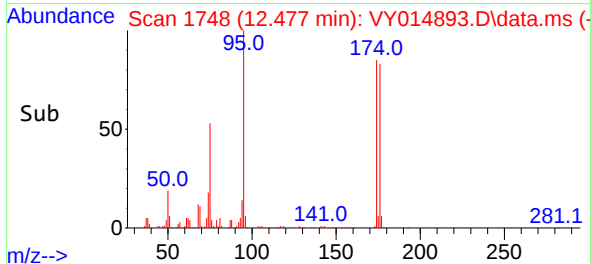
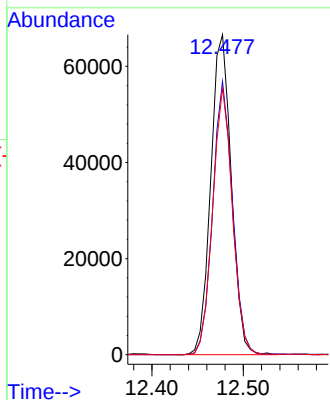
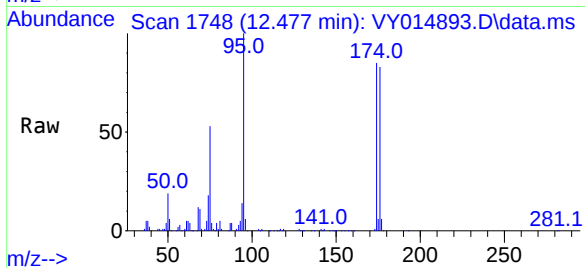




#62
4-Bromofluorobenzene
Concen: 41.321 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014893.D
Acq: 27 Jul 2023 19:32

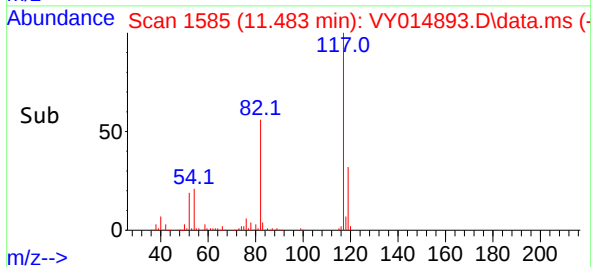
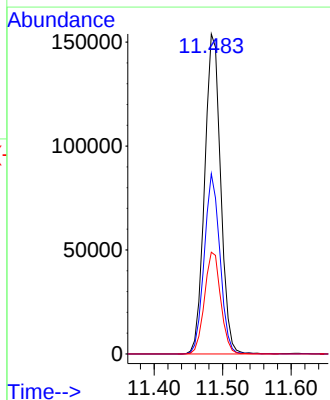
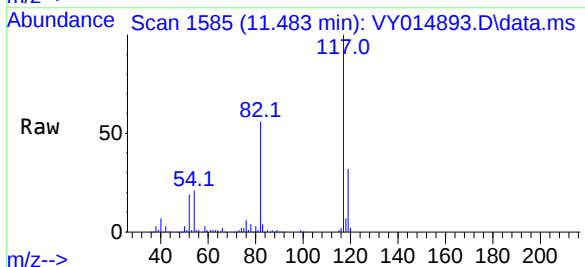
Instrument :
MSVOA_Y
ClientSampleId :

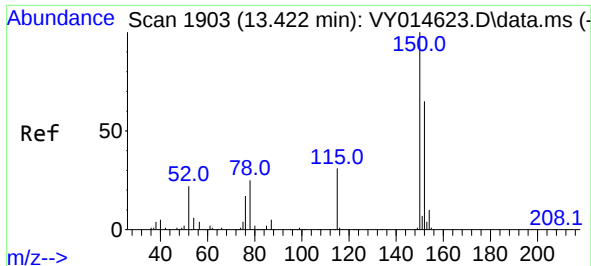
Tgt Ion: 95 Resp: 103867
Ion Ratio Lower Upper
95 100
174 82.6 0.0 178.2
176 80.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY014893.D
Acq: 27 Jul 2023 19:32

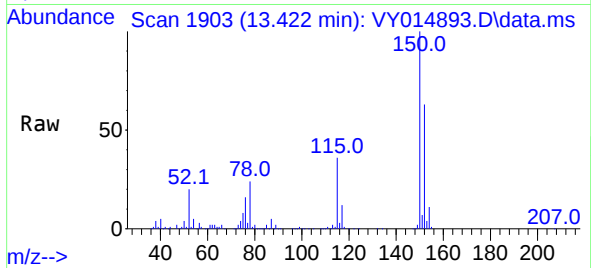
Tgt Ion: 117 Resp: 250196
Ion Ratio Lower Upper
117 100
82 56.3 43.4 65.0
119 31.8 26.3 39.5



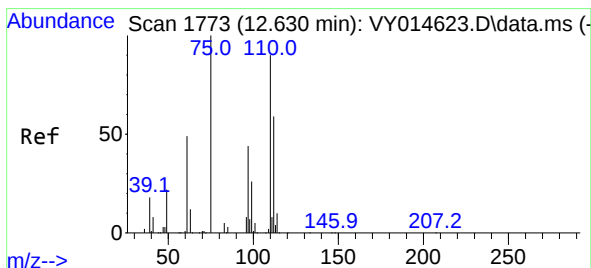
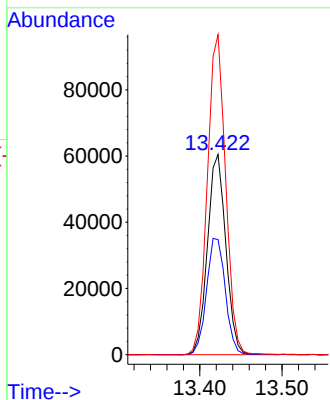
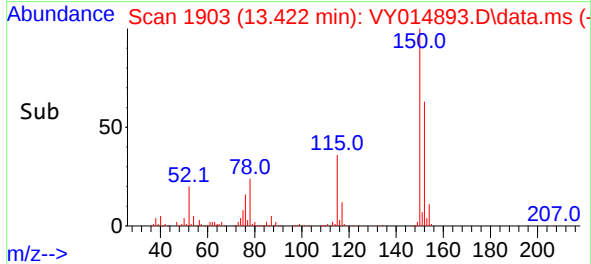


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014893.D
Acq: 27 Jul 2023 19:32

Instrument :
MSVOA_Y
ClientSampleId :

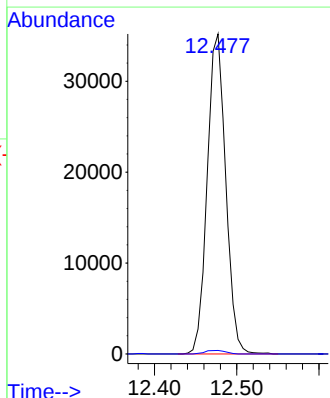
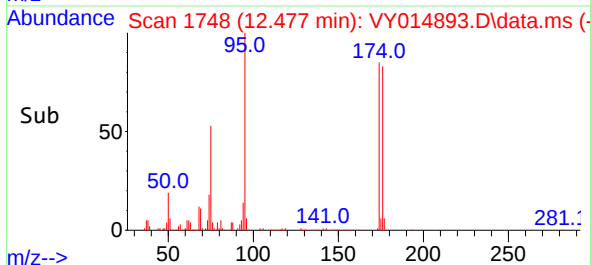
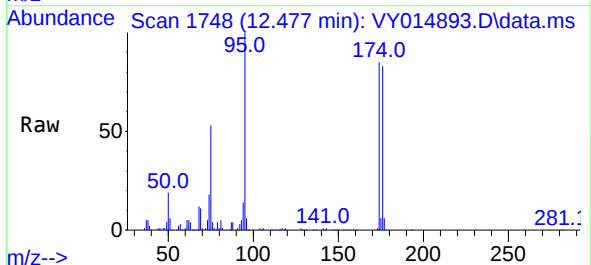


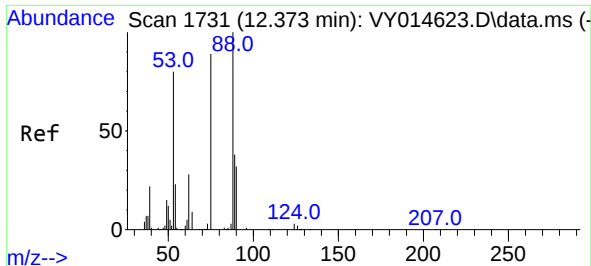
Tgt Ion:152 Resp: 93996
Ion Ratio Lower Upper
152 100
115 59.4 28.8 86.5
150 158.5 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 46.416 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY014893.D
Acq: 27 Jul 2023 19:32

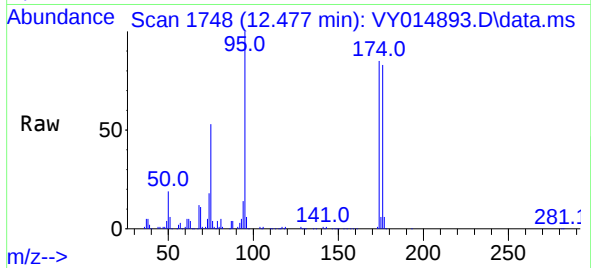
Tgt Ion: 75 Resp: 55102
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.869 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014893.D
 Acq: 27 Jul 2023 19:32

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 55102
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.1 37.4 56.0#

