

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
 Data File : VY014889.D
 Acq On : 27 Jul 2023 17:56
 Operator : SY/MD
 Sample : 03756-14
 Misc : 5.36g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 28 02:38:59 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)

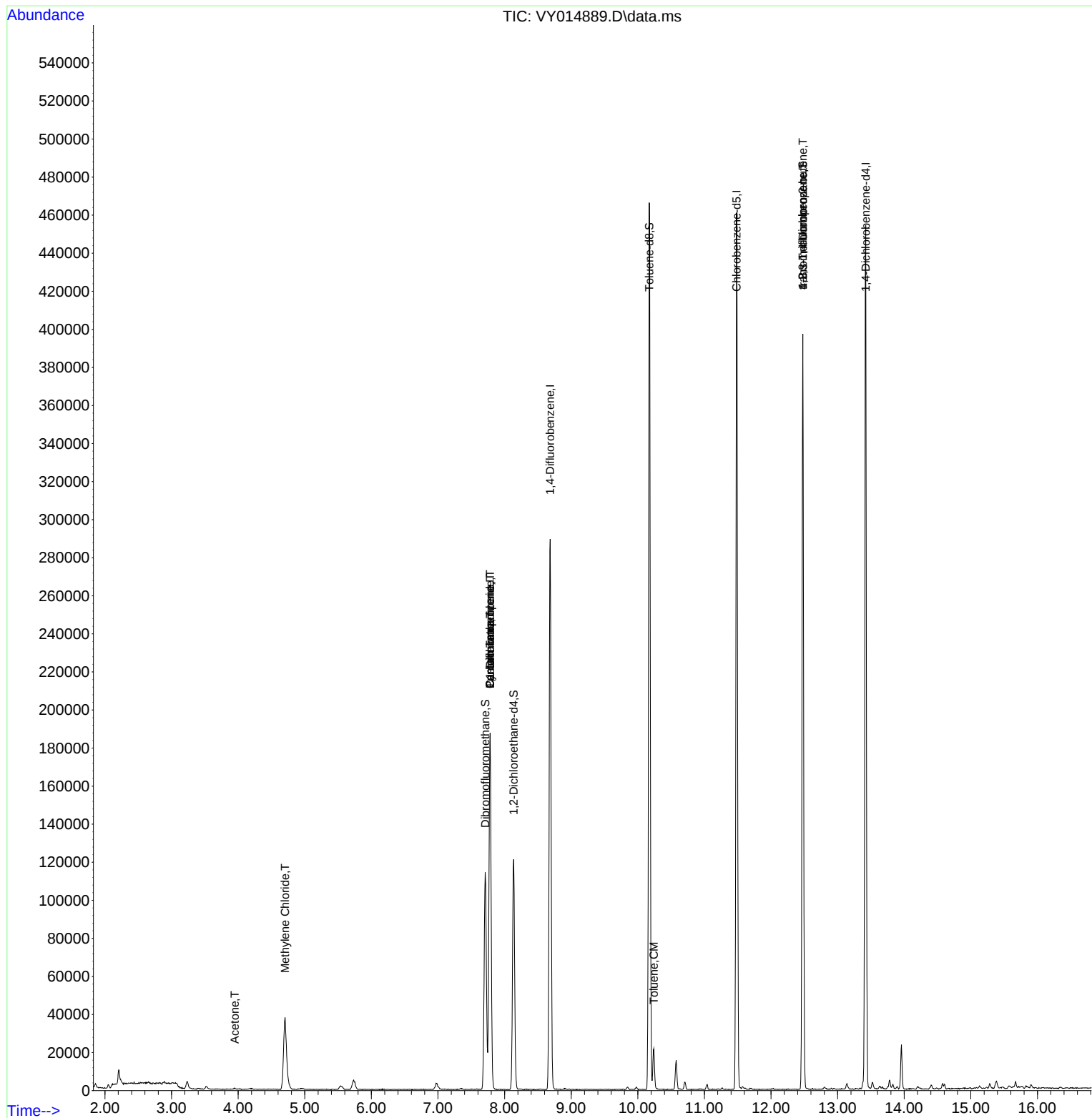
Internal Standards						
1) Pentafluorobenzene	7.783	168	144919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	254917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	242878	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	116010	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	94329	57.120	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.240%	
35) Dibromofluoromethane	7.710	113	81827	50.425	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.860%	
50) Toluene-d8	10.173	98	304155	50.839	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.680%	
62) 4-Bromofluorobenzene	12.477	95	111857	48.761	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.520%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	1433	Below Cal		99
16) Acetone	3.948	43	785	1.500	ug/l #	85
20) Methylene Chloride	4.704	84	28216	13.516	ug/l	89
31) Cyclohexane	7.783	56	3094	1.129	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	11062	4.558	ug/l #	50
38) Carbon Tetrachloride	7.783	117	14307	5.577	ug/l #	17
52) Toluene	10.240	92	8821	1.997	ug/l	96
76) 1,2,3-Trichloropropane	12.477	75	58928	40.219	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	58928	77.871	ug/l #	10

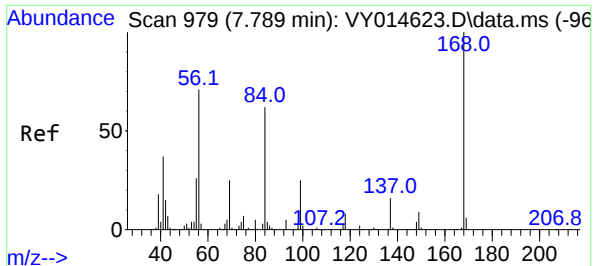
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
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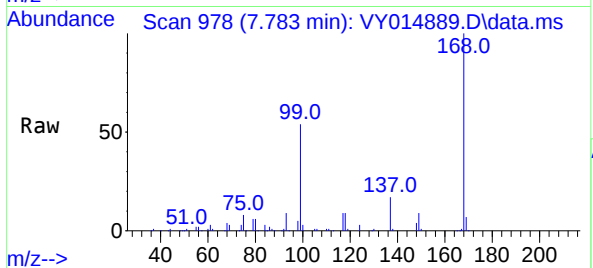
Quant Time: Jul 28 02:38:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
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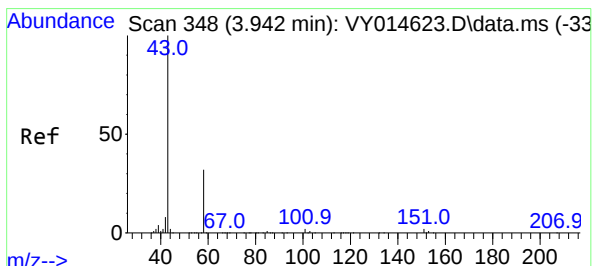
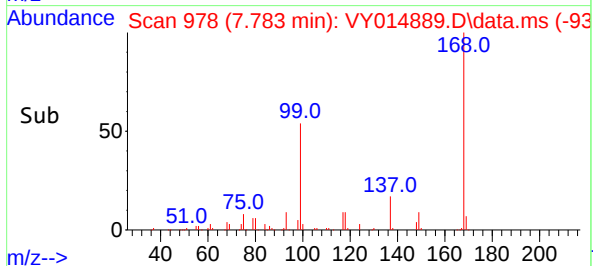
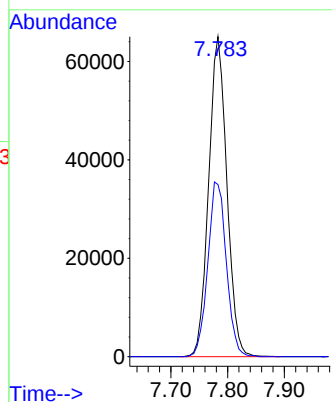


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014889.D
Acq: 27 Jul 2023 17:56

Instrument :
MSVOA_Y
ClientSampleId :

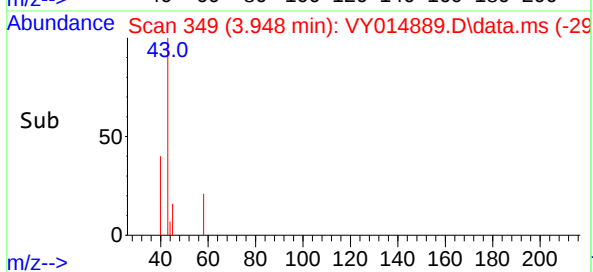
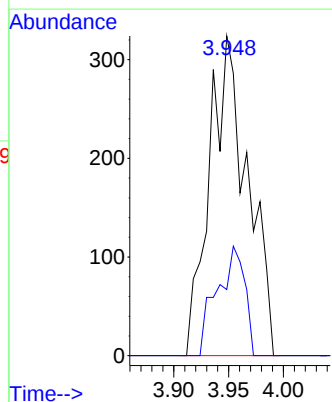
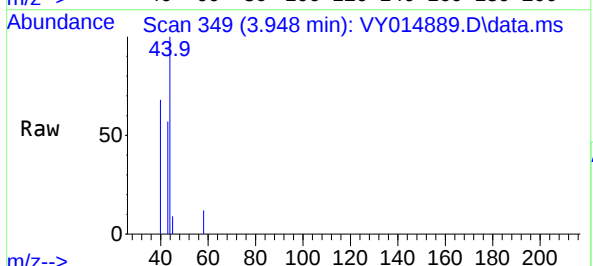


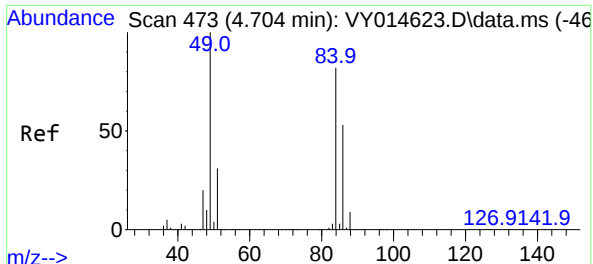
Tgt Ion:168 Resp: 144919
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0



#16
Acetone
Concen: 1.500 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014889.D
Acq: 27 Jul 2023 17:56

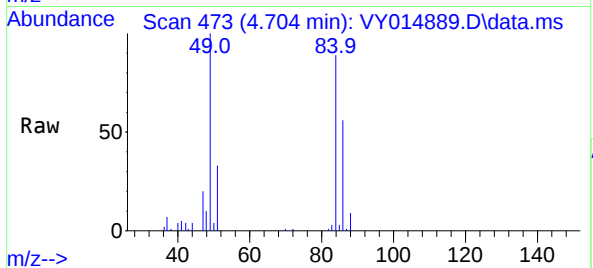
Tgt Ion: 43 Resp: 785
Ion Ratio Lower Upper
43 100
58 20.7 22.7 34.1#





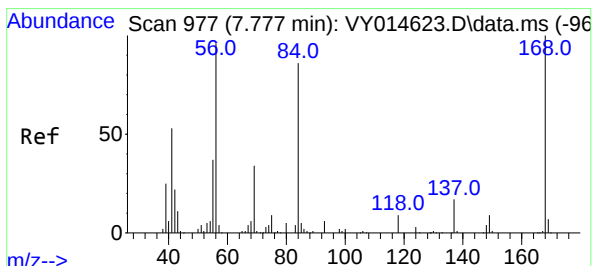
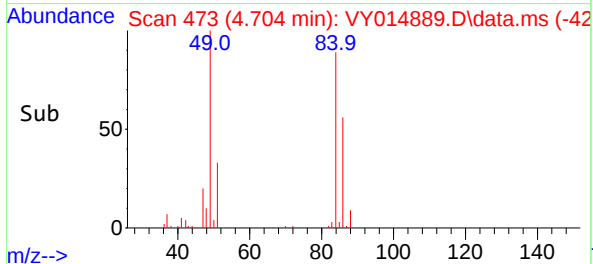
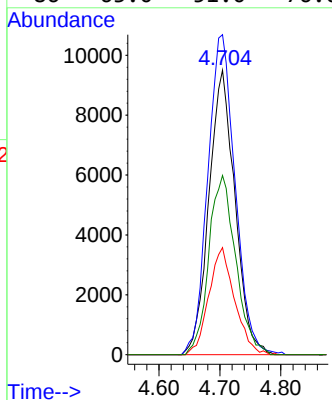
#20
Methylene Chloride
Concen: 13.516 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014889.D
Acq: 27 Jul 2023 17:56

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 28216

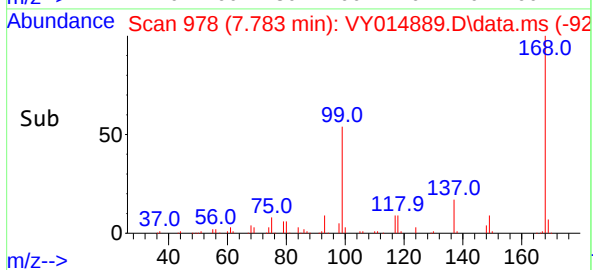
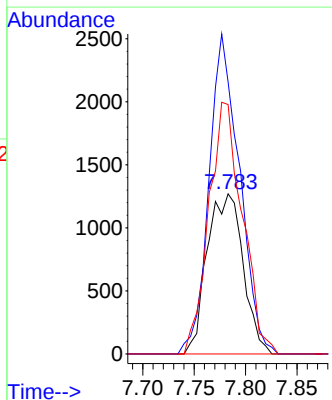
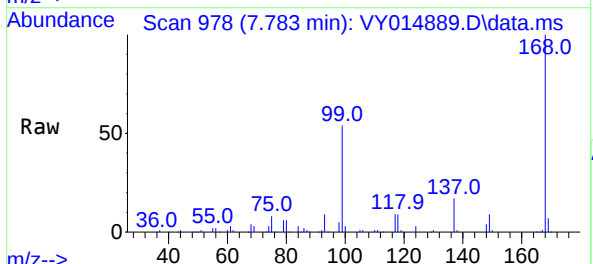
Ion	Ratio	Lower	Upper
84	100		
49	112.5	106.9	160.3
51	37.6	33.2	49.8
86	63.0	51.0	76.6

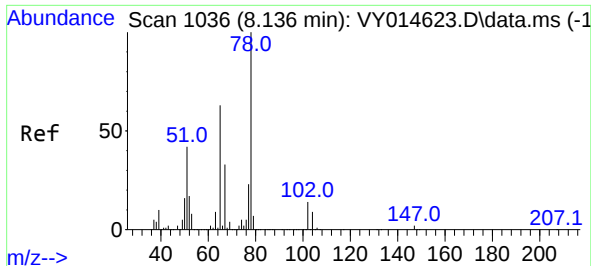


#31
Cyclohexane
Concen: 1.129 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY014889.D
Acq: 27 Jul 2023 17:56

Tgt Ion: 56 Resp: 3094

Ion	Ratio	Lower	Upper
56	100		
69	169.6	27.8	41.6#
84	155.7	66.4	99.6#





#33

1,2-Dichloroethane-d4

Concen: 57.120 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY014889.D

Acq: 27 Jul 2023 17:56

Instrument :

MSVOA_Y

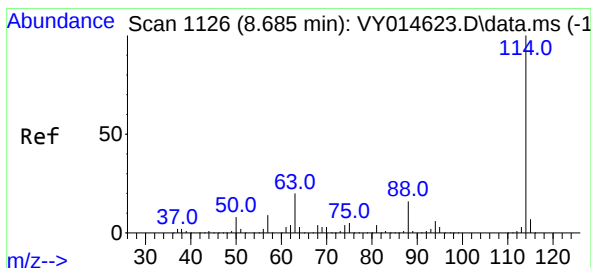
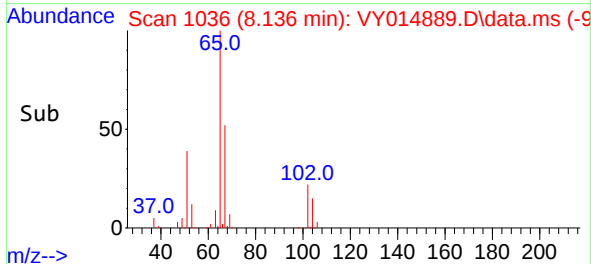
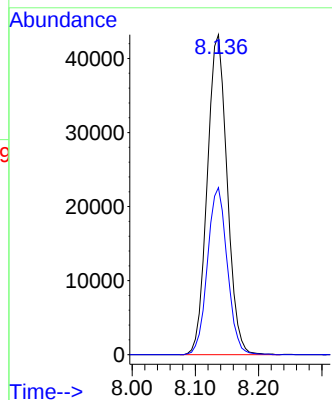
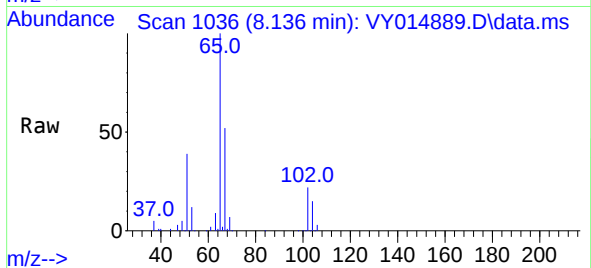
ClientSampleId :

Tgt Ion: 65 Resp: 94329

Ion Ratio Lower Upper

65 100

67 52.1 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: VY014889.D

Acq: 27 Jul 2023 17:56

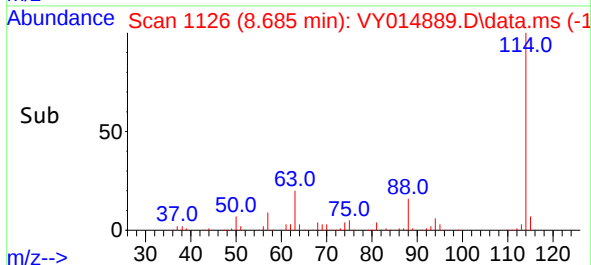
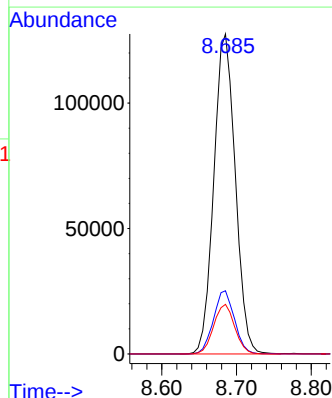
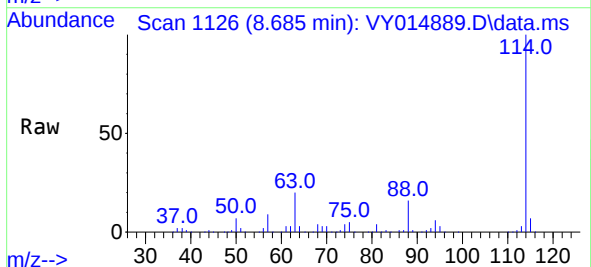
Tgt Ion:114 Resp: 254917

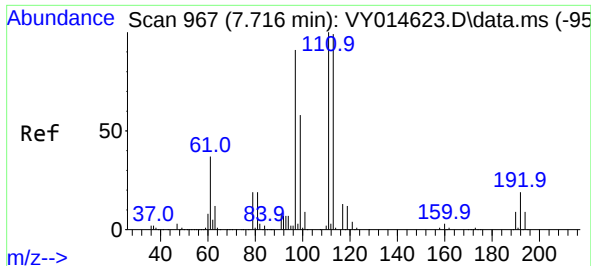
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 15.5 0.0 30.6

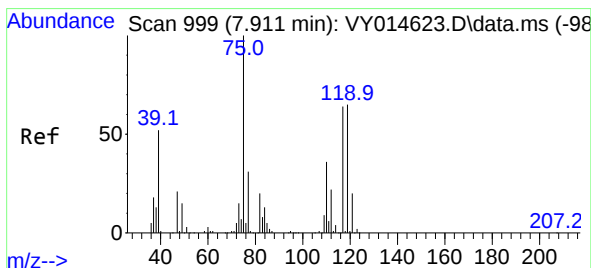
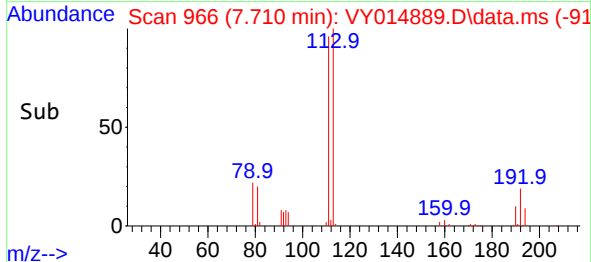
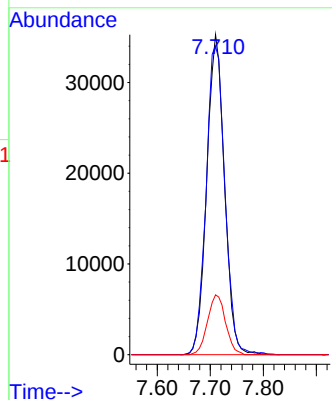
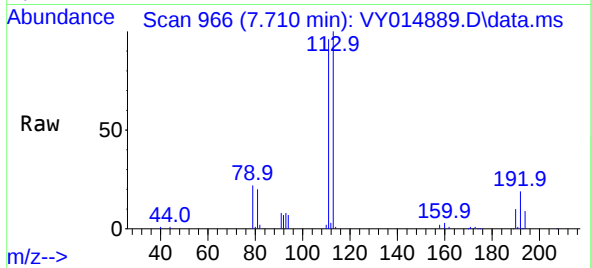




#35
Dibromofluoromethane
Concen: 50.425 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014889.D
Acq: 27 Jul 2023 17:56

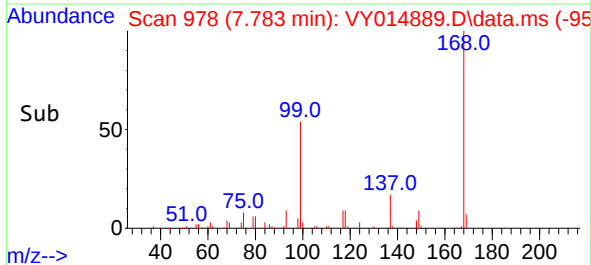
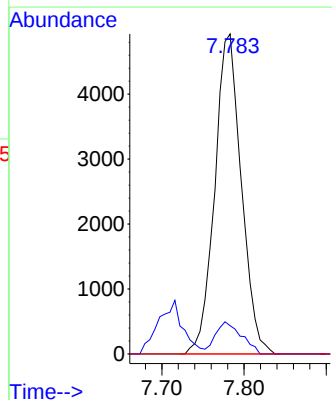
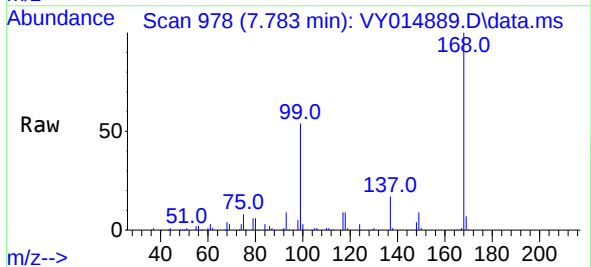
Instrument :
MSVOA_Y
ClientSampleId :

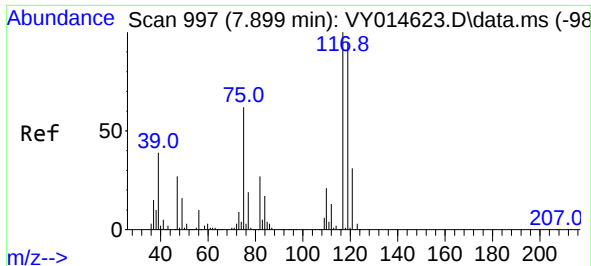
Tgt Ion:113 Resp: 81827
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 19.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.558 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY014889.D
Acq: 27 Jul 2023 17:56

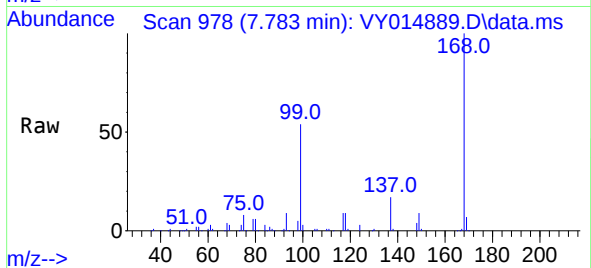
Tgt Ion: 75 Resp: 11062
Ion Ratio Lower Upper
75 100
110 9.7 17.8 53.5#
77 0.0 24.4 36.6#



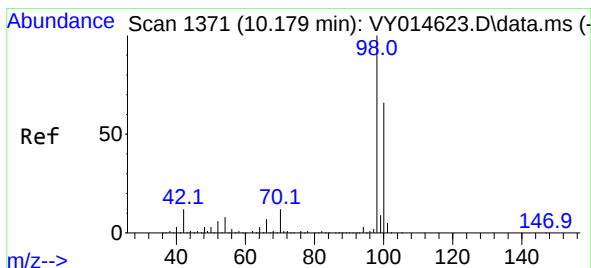
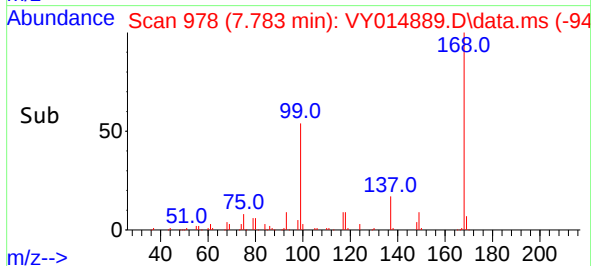
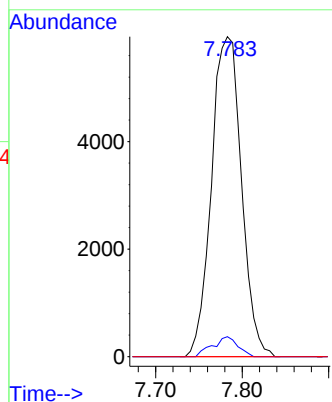


#38
Carbon Tetrachloride
Concen: 5.577 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY014889.D
Acq: 27 Jul 2023 17:56

Instrument :
MSVOA_Y
ClientSampleId :

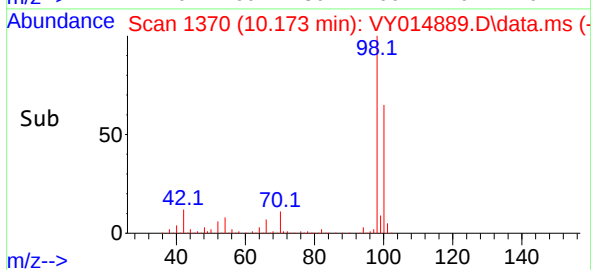
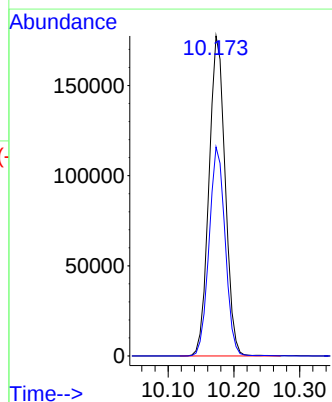
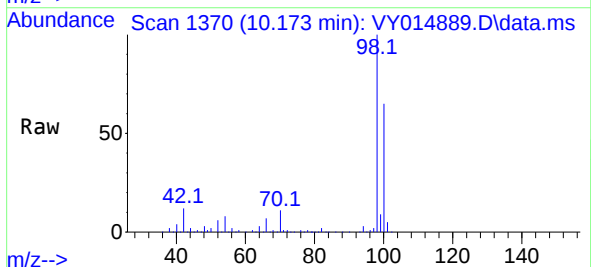


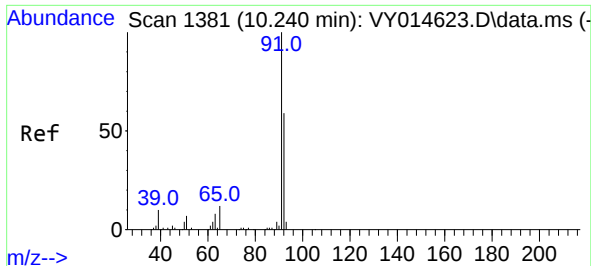
Tgt Ion:117 Resp: 14307
Ion Ratio Lower Upper
117 100
119 6.3 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.839 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY014889.D
Acq: 27 Jul 2023 17:56

Tgt Ion: 98 Resp: 304155
Ion Ratio Lower Upper
98 100
100 64.7 50.1 75.1

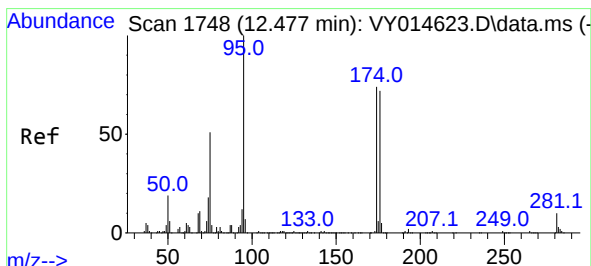
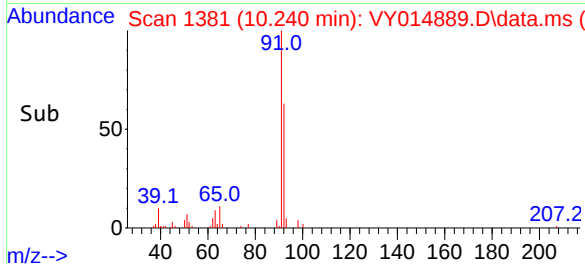
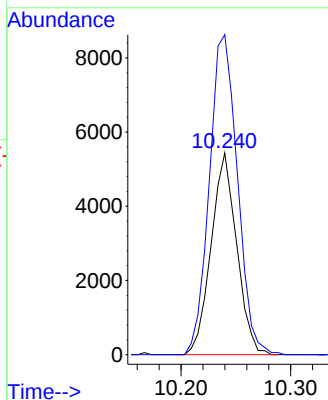
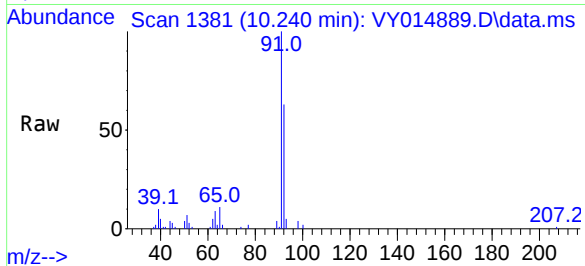




#52
Toluene
Concen: 1.997 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014889.D
Acq: 27 Jul 2023 17:56

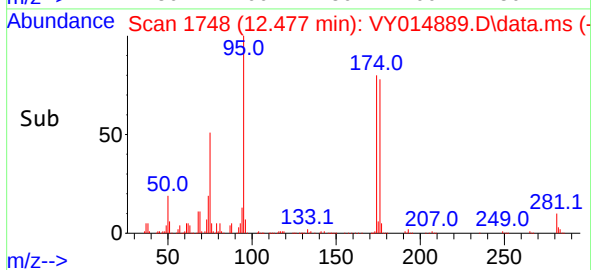
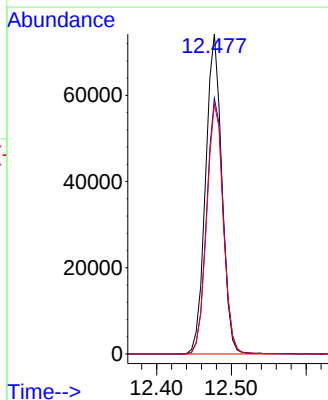
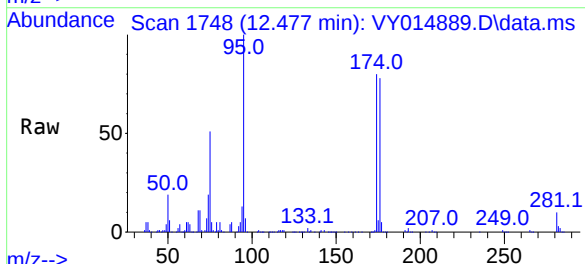
Instrument :
MSVOA_Y
ClientSampleId :

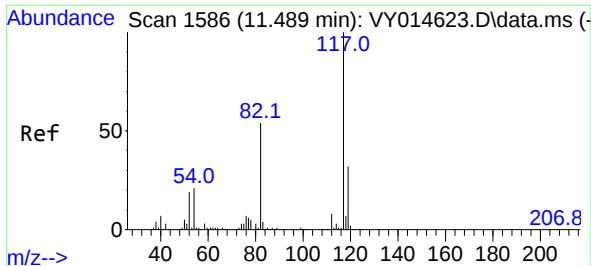
Tgt Ion: 92 Resp: 8821
Ion Ratio Lower Upper
92 100
91 173.9 143.8 215.6



#62
4-Bromofluorobenzene
Concen: 48.761 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014889.D
Acq: 27 Jul 2023 17:56

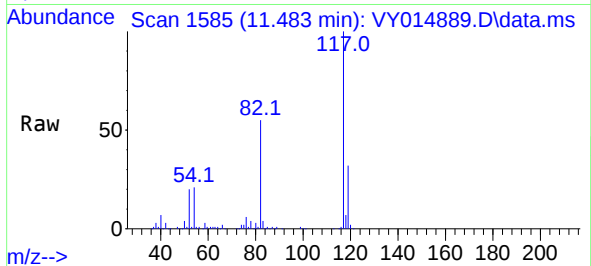
Tgt Ion: 95 Resp: 111857
Ion Ratio Lower Upper
95 100
174 82.2 0.0 178.2
176 80.0 0.0 173.8



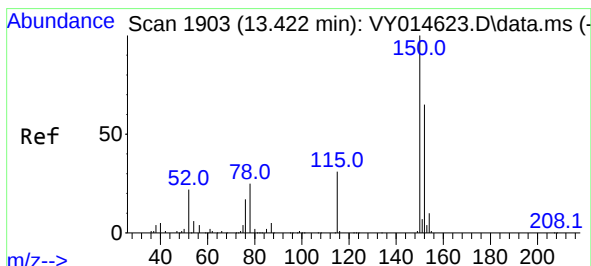
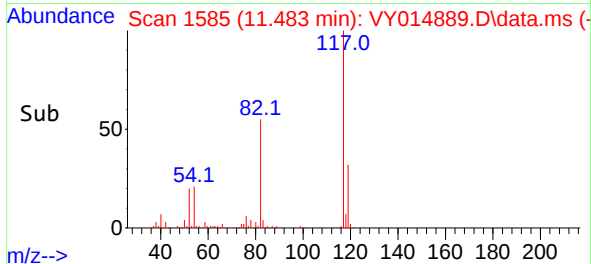
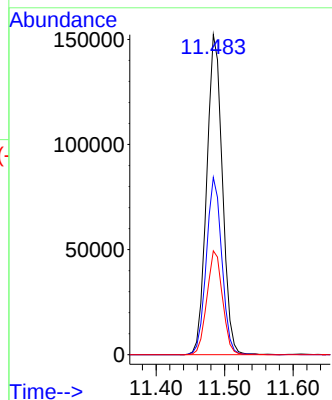


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014889.D
Acq: 27 Jul 2023 17:56

Instrument :
MSVOA_Y
ClientSampleId :

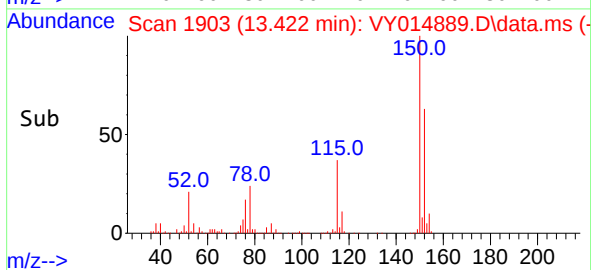
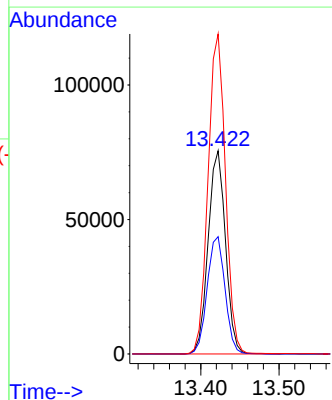
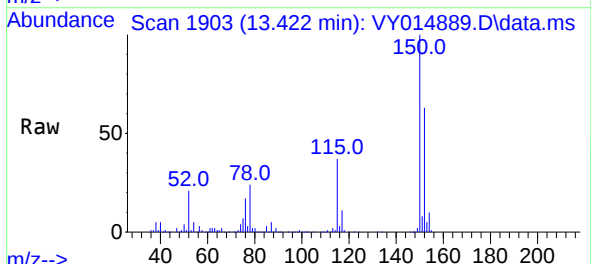


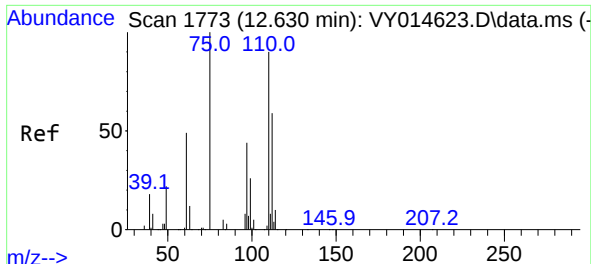
Tgt Ion:117 Resp: 242878
Ion Ratio Lower Upper
117 100
82 55.4 43.4 65.0
119 32.5 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014889.D
Acq: 27 Jul 2023 17:56

Tgt Ion:152 Resp: 116010
Ion Ratio Lower Upper
152 100
115 59.4 28.8 86.5
150 157.8 0.0 348.8

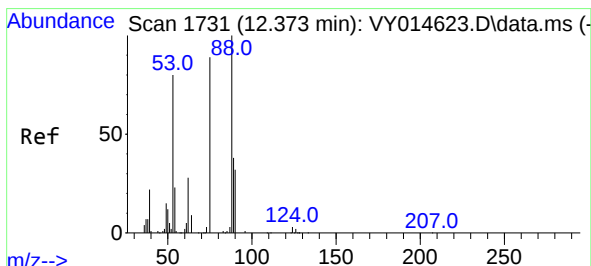
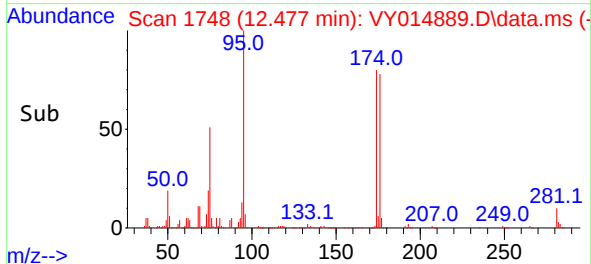
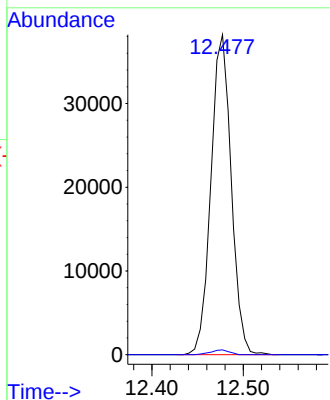
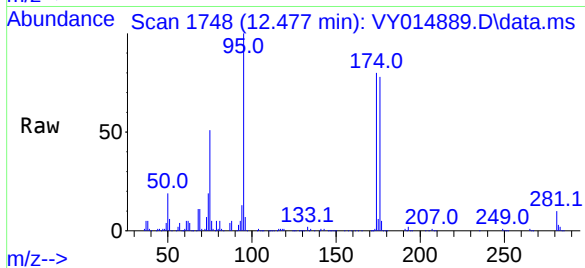




#76
1,2,3-Trichloropropane
Concen: 40.219 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY014889.D
Acq: 27 Jul 2023 17:56

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 58928
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.871 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY014889.D
Acq: 27 Jul 2023 17:56

Tgt Ion: 75 Resp: 58928
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

