

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
 Data File : VY014881.D
 Acq On : 27 Jul 2023 14:43
 Operator : SY/MD
 Sample : 03756-02
 Misc : 4.43g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 28 02:37:54 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)

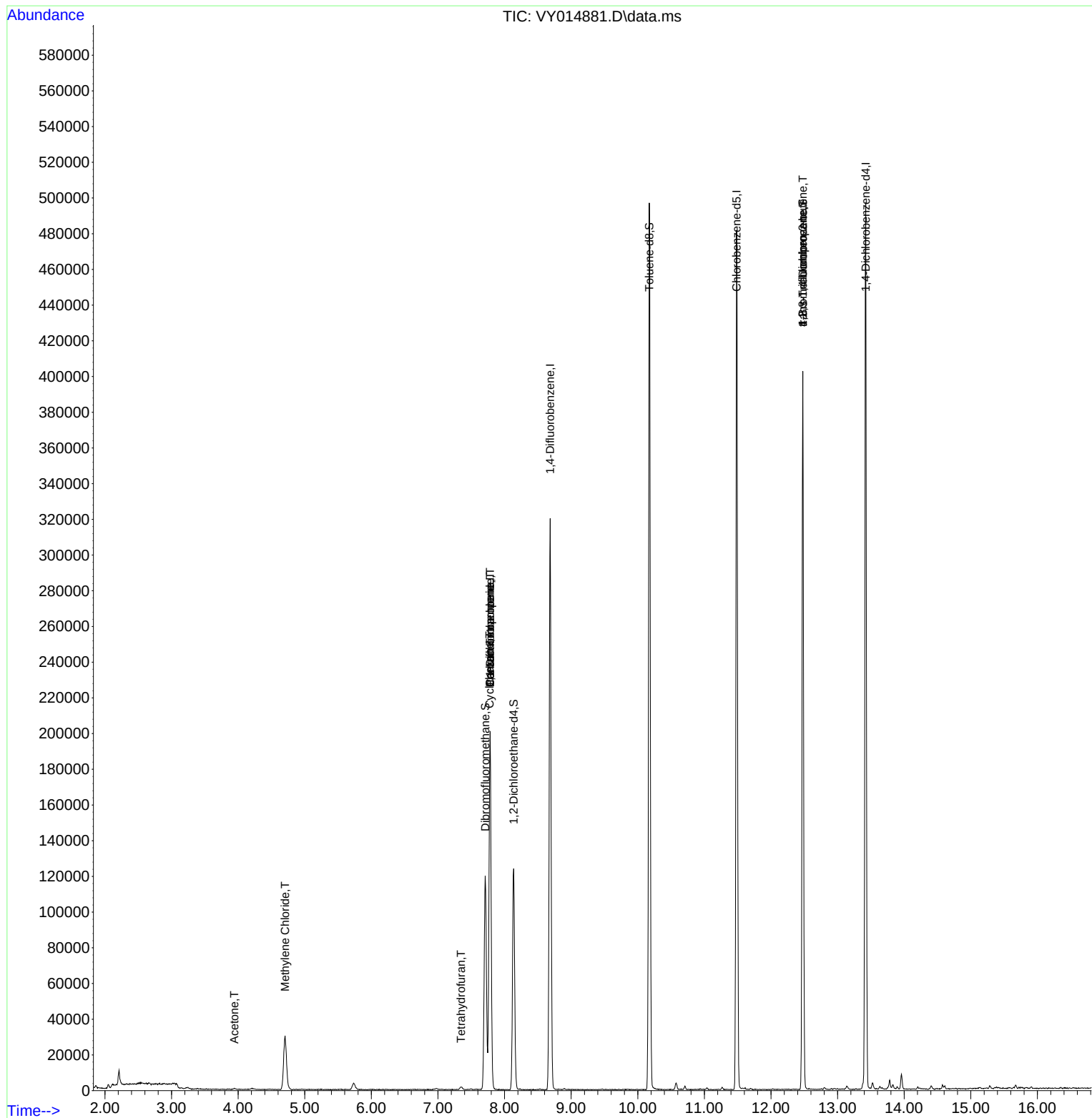
Internal Standards						
1) Pentafluorobenzene	7.783	168	152912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	271583	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	259314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	124603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	97337	55.861	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 111.720%	
35) Dibromofluoromethane	7.710	113	83858	48.506	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 97.020%	
50) Toluene-d8	10.173	98	323053	50.684	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134		Recovery	= 101.360%	
62) 4-Bromofluorobenzene	12.477	95	119127	48.743	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143		Recovery	= 97.480%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	292	Below Cal	#	89
16) Acetone	3.942	43	1000	1.811	ug/l #	80
20) Methylene Chloride	4.704	84	22448	9.056	ug/l	91
29) Tetrahydrofuran	7.344	42	1330	2.674	ug/l	90
31) Cyclohexane	7.777	56	3396	1.174	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	11717	4.532	ug/l #	51
38) Carbon Tetrachloride	7.783	117	15701	5.745	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	62790	39.900	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	62790	77.253	ug/l #	10

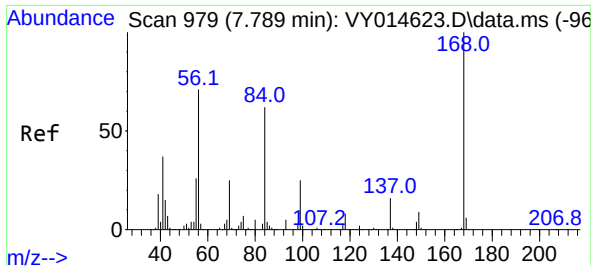
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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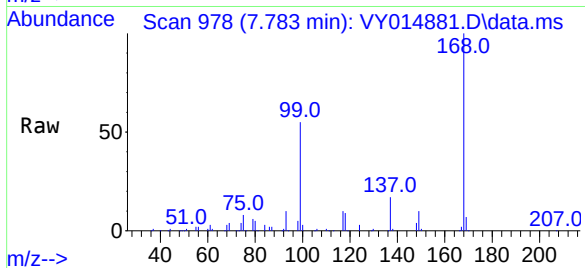
Quant Time: Jul 28 02:37:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration



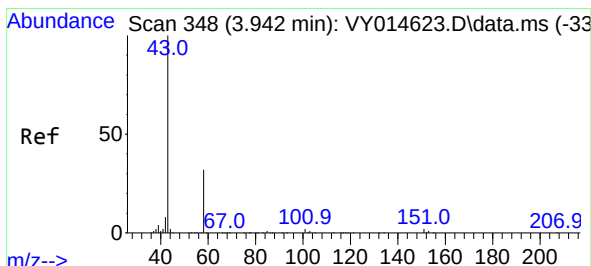
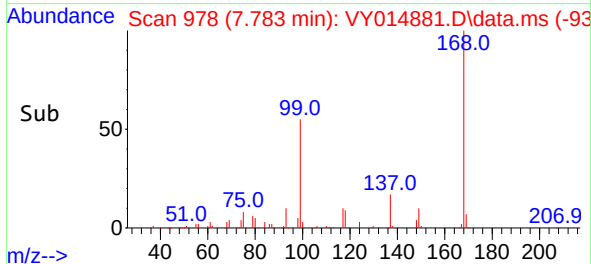
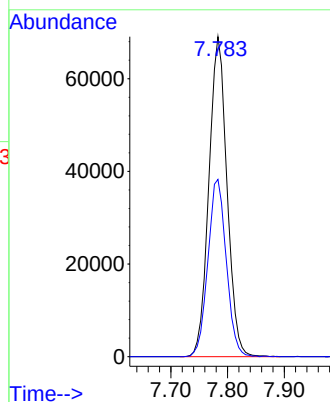


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014881.D
Acq: 27 Jul 2023 14:43

Instrument :
MSVOA_Y
ClientSampleId :

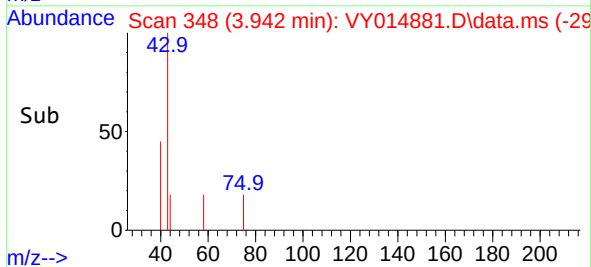
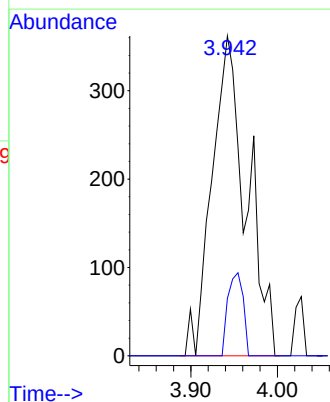
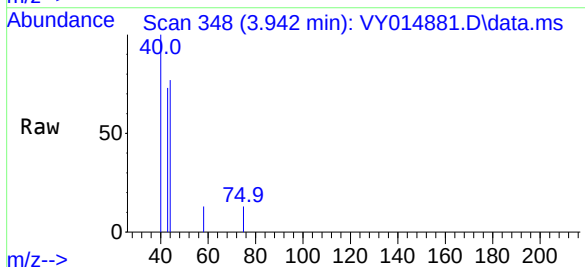


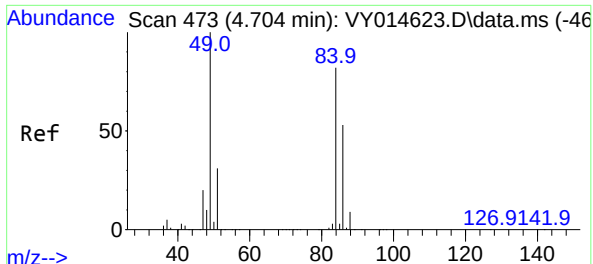
Tgt Ion:168 Resp: 152912
Ion Ratio Lower Upper
168 100
99 55.4 43.4 65.0



#16
Acetone
Concen: 1.811 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014881.D
Acq: 27 Jul 2023 14:43

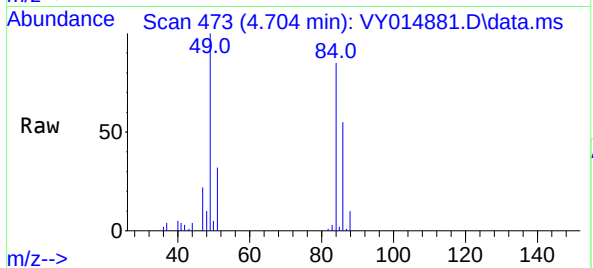
Tgt Ion: 43 Resp: 1000
Ion Ratio Lower Upper
43 100
58 18.0 22.7 34.1#





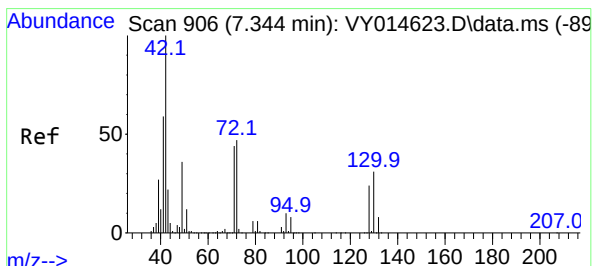
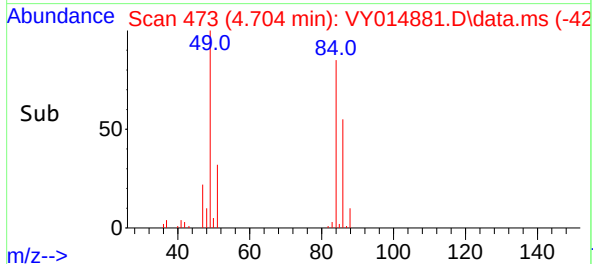
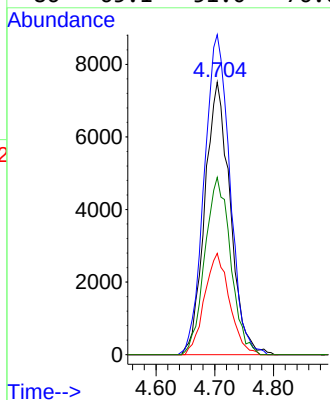
#20
Methylene Chloride
Concen: 9.056 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014881.D
Acq: 27 Jul 2023 14:43

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 22448

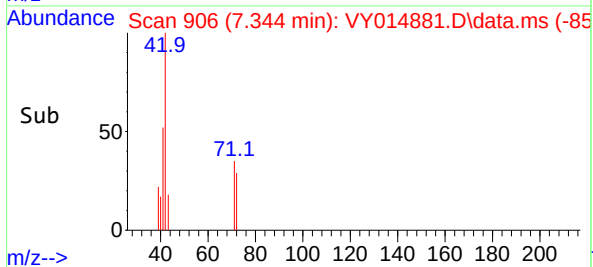
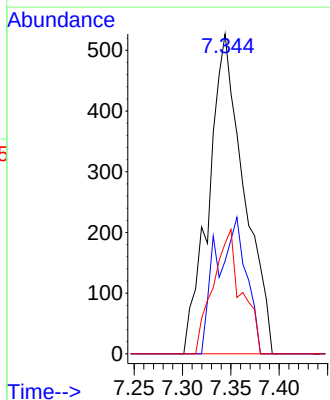
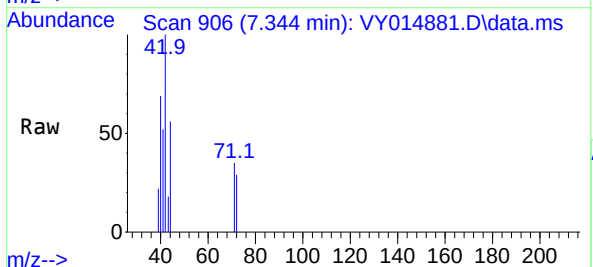
Ion	Ratio	Lower	Upper
84	100		
49	117.4	106.9	160.3
51	37.2	33.2	49.8
86	65.1	51.0	76.6

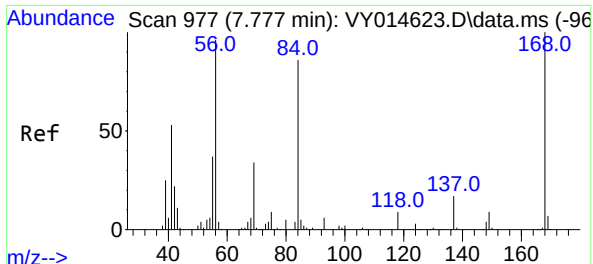


#29
Tetrahydrofuran
Concen: 2.674 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY014881.D
Acq: 27 Jul 2023 14:43

Tgt Ion: 42 Resp: 1330

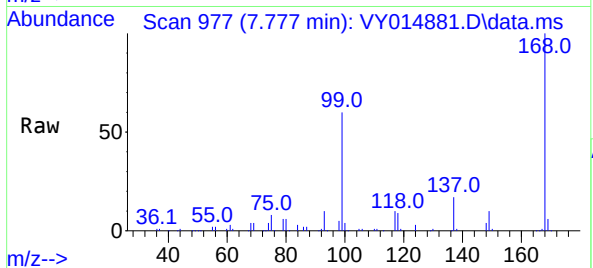
Ion	Ratio	Lower	Upper
42	100		
72	36.3	32.8	49.2
71	31.6	31.0	46.4



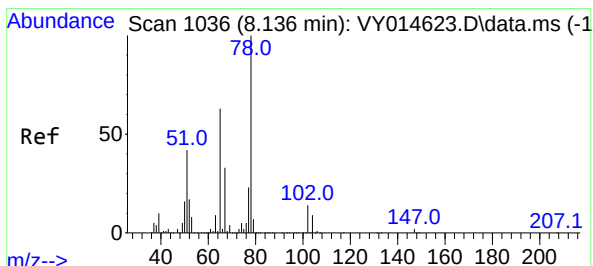
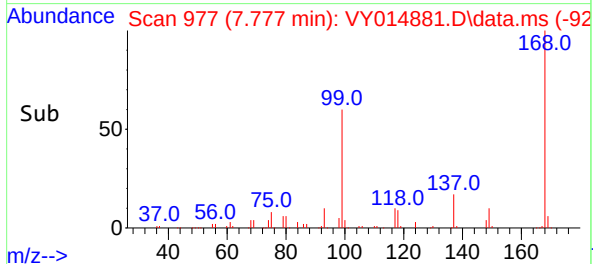
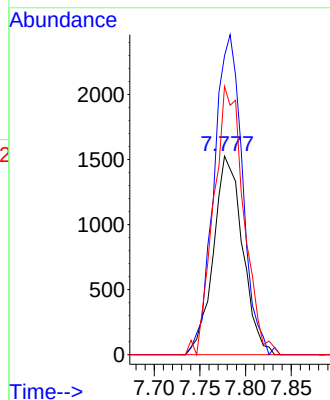


#31
Cyclohexane
Concen: 1.174 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014881.D
Acq: 27 Jul 2023 14:43

Instrument :
MSVOA_Y
ClientSampleId :

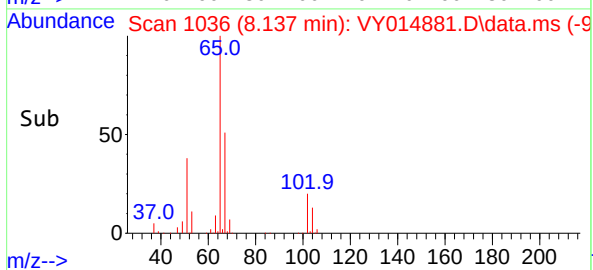
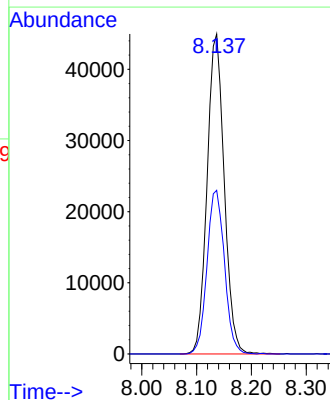
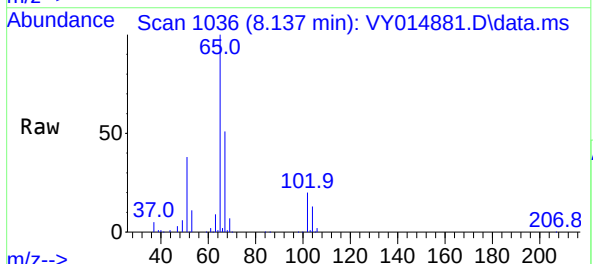


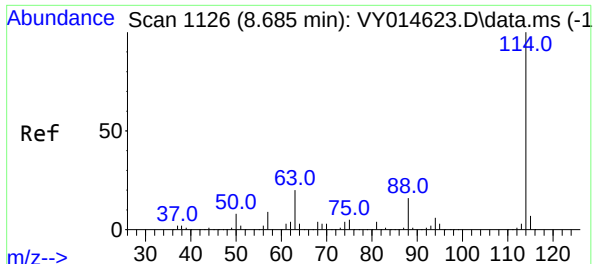
Tgt Ion: 56 Resp: 3396
Ion Ratio Lower Upper
56 100
69 150.6 27.8 41.6#
84 135.2 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 55.861 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY014881.D
Acq: 27 Jul 2023 14:43

Tgt Ion: 65 Resp: 97337
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: VY014881.D

Acq: 27 Jul 2023 14:43

Instrument :

MSVOA_Y

ClientSampleId :

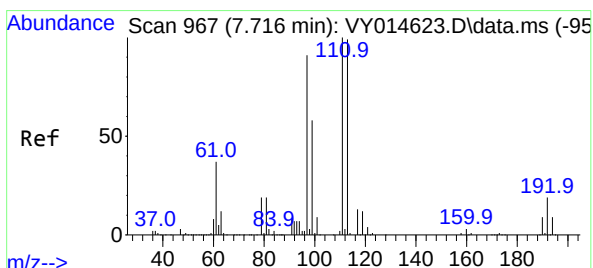
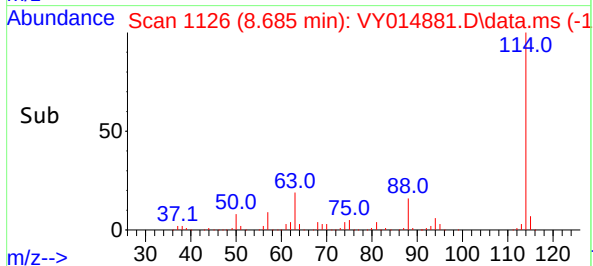
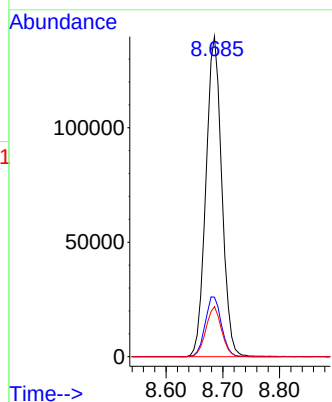
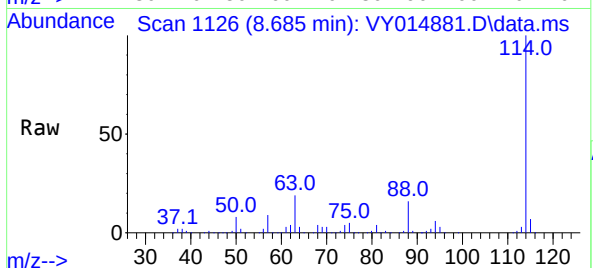
Tgt Ion:114 Resp: 271583

Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.506 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014881.D

Acq: 27 Jul 2023 14:43

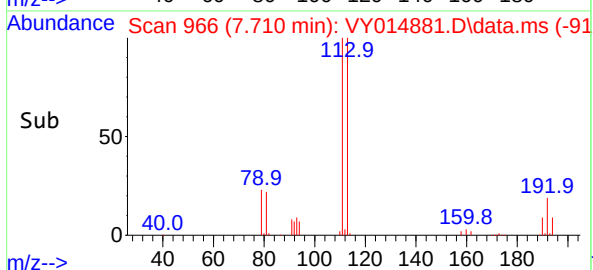
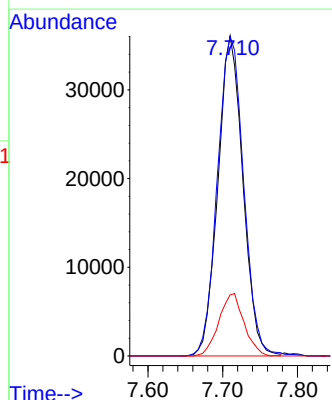
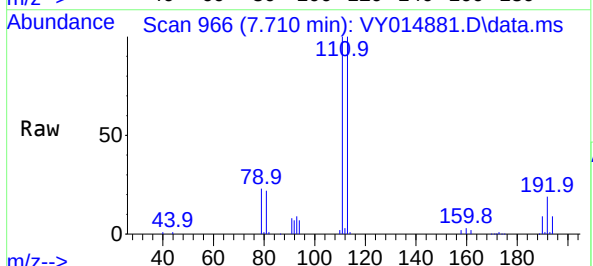
Tgt Ion:113 Resp: 83858

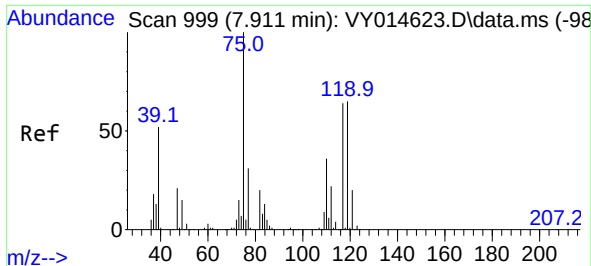
Ion Ratio Lower Upper

113 100

111 104.9 81.3 121.9

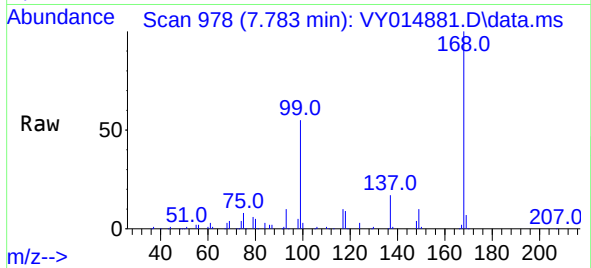
192 19.7 16.9 25.3



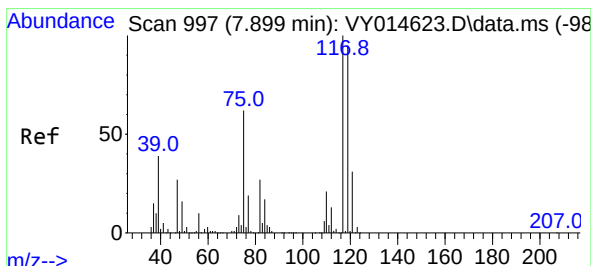
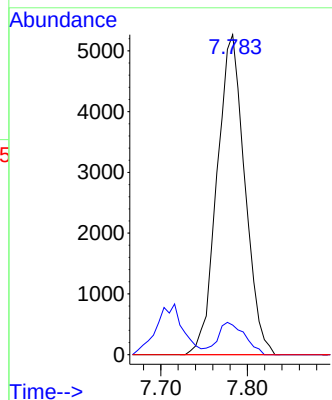
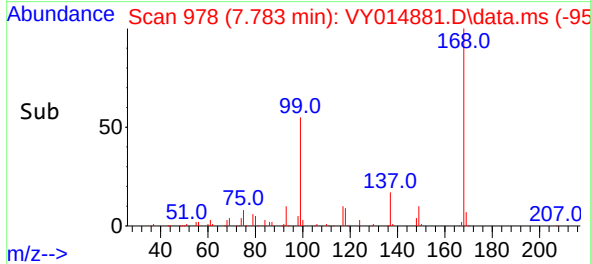


#36
1,1-Dichloropropene
Concen: 4.532 ug/l
RT: 7.783 min Scan# 917
Delta R.T. -0.128 min
Lab File: VY014881.D
Acq: 27 Jul 2023 14:43

Instrument :
MSVOA_Y
ClientSampleId :

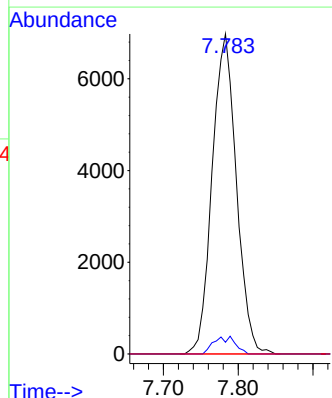
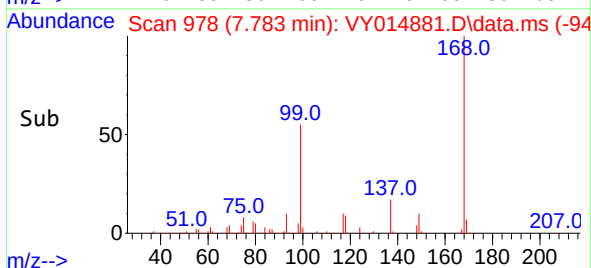
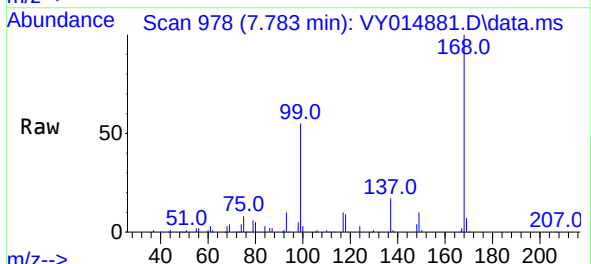


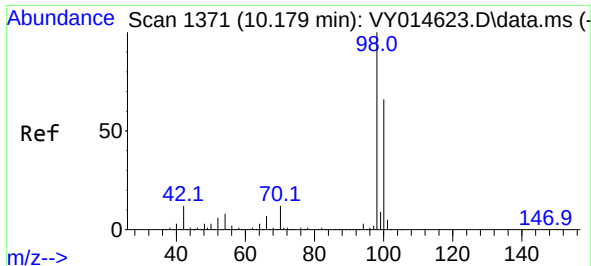
Tgt Ion: 75 Resp: 11717
Ion Ratio Lower Upper
75 100
110 10.0 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.745 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY014881.D
Acq: 27 Jul 2023 14:43

Tgt Ion: 117 Resp: 15701
Ion Ratio Lower Upper
117 100
119 3.6 76.4 114.6#
121 0.0 25.8 38.6#

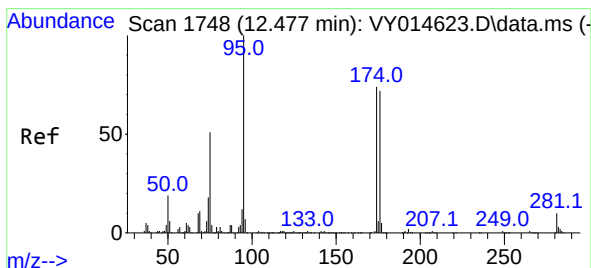
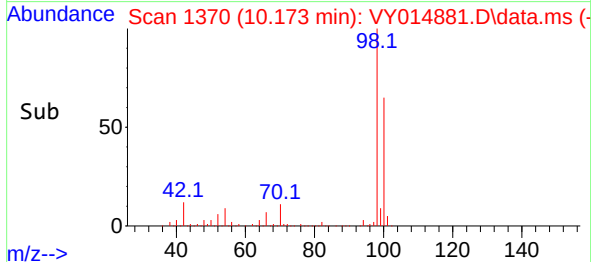
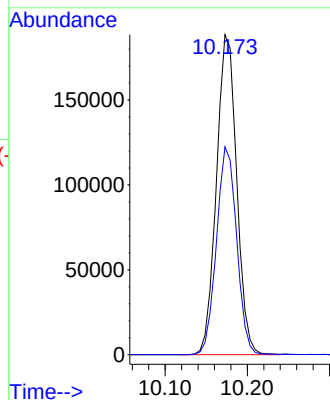
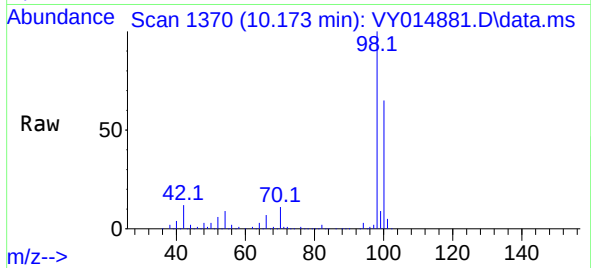




#50
Toluene-d8
Concen: 50.684 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014881.D
Acq: 27 Jul 2023 14:43

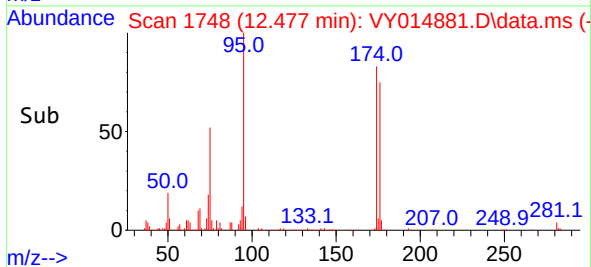
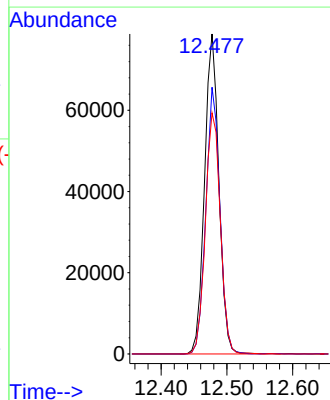
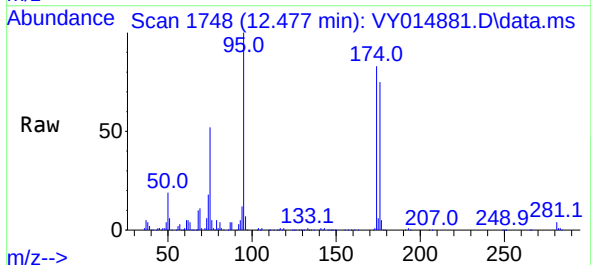
Instrument :
MSVOA_Y
ClientSampleId :

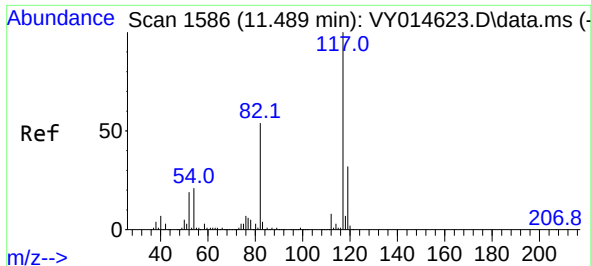
Tgt Ion: 98 Resp: 323053
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.743 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014881.D
Acq: 27 Jul 2023 14:43

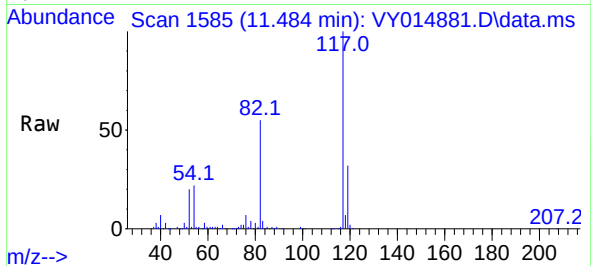
Tgt Ion: 95 Resp: 119127
Ion Ratio Lower Upper
95 100
174 82.2 0.0 178.2
176 78.9 0.0 173.8



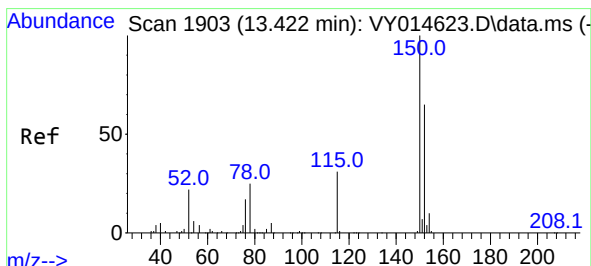
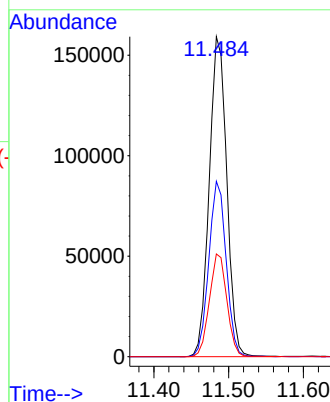
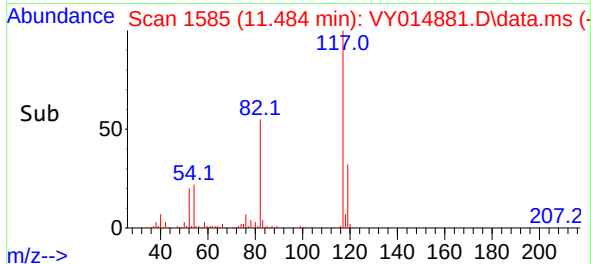


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.484 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY014881.D
Acq: 27 Jul 2023 14:43

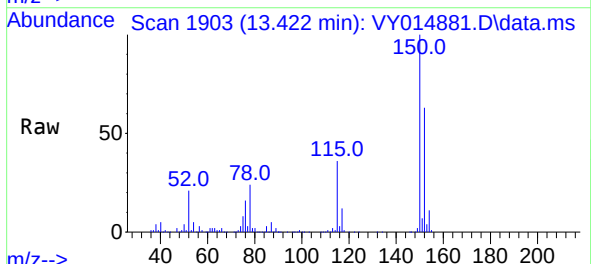
Instrument :
MSVOA_Y
ClientSampleId :



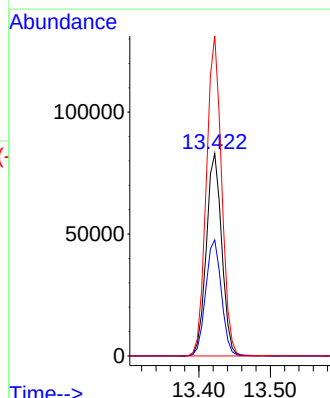
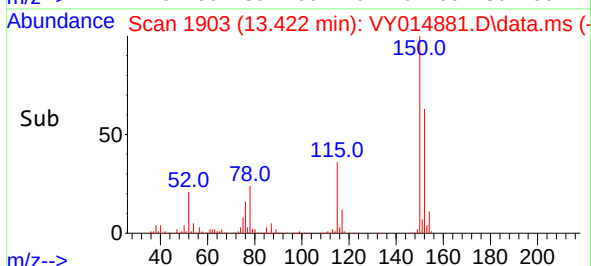
Tgt Ion:117 Resp: 259314
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 32.1 26.3 39.5

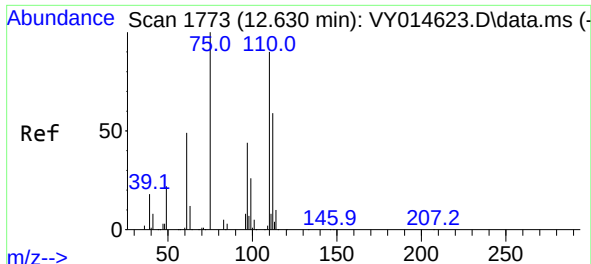


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014881.D
Acq: 27 Jul 2023 14:43



Tgt Ion:152 Resp: 124603
Ion Ratio Lower Upper
152 100
115 58.2 28.8 86.5
150 156.3 0.0 348.8

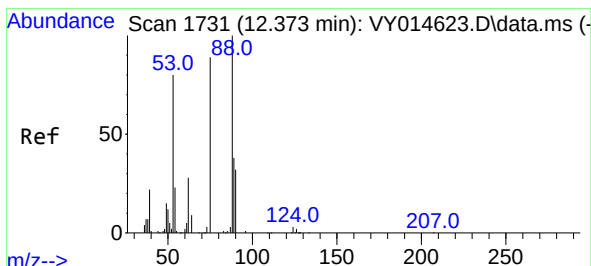
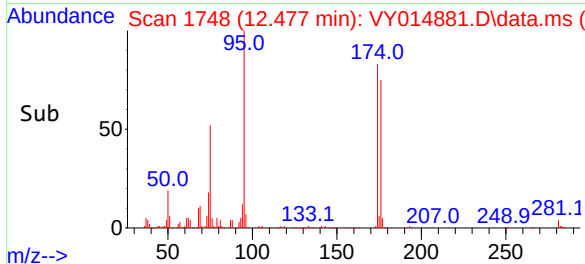
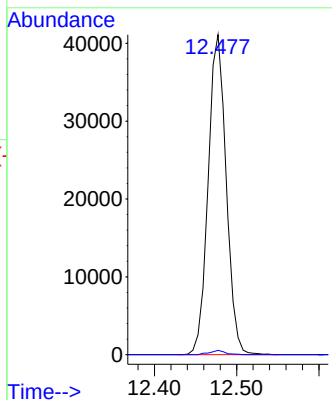
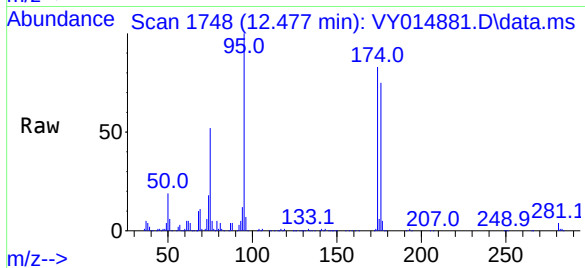




#76
1,2,3-Trichloropropane
Concen: 39.900 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY014881.D
Acq: 27 Jul 2023 14:43

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 62790
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.253 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY014881.D
Acq: 27 Jul 2023 14:43

Tgt Ion: 75 Resp: 62790
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

