

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
 Data File : VY014888.D
 Acq On : 27 Jul 2023 17:32
 Operator : SY/MD
 Sample : 03756-12
 Misc : 5.46g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 28 02:38:51 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)

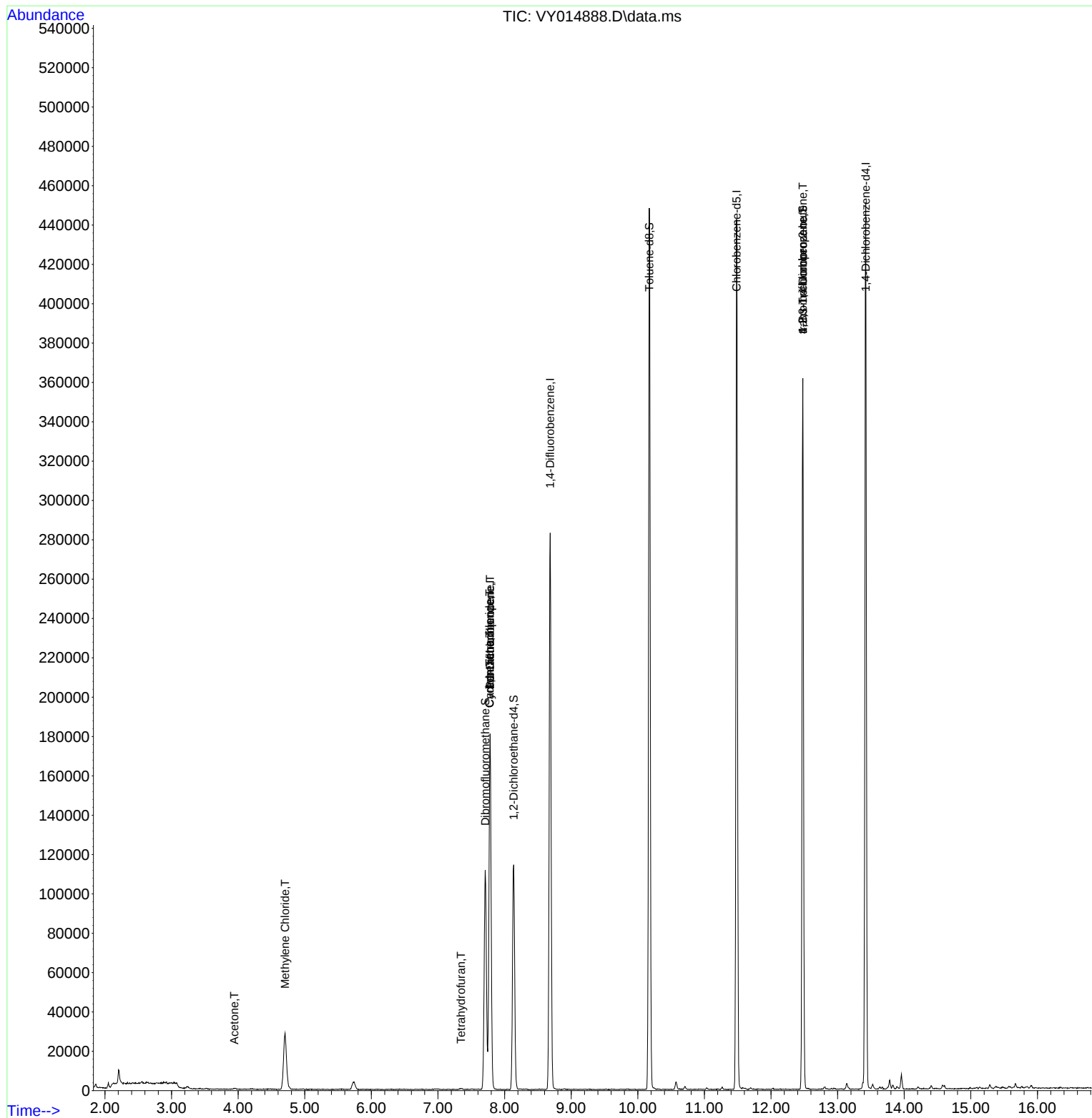
Internal Standards						
1) Pentafluorobenzene	7.783	168	138877	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	246440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	237326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	113351	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	90748	57.343	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.680%
35) Dibromofluoromethane	7.710	113	77881	49.644	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.280%
50) Toluene-d8	10.172	98	296858	51.326	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.660%
62) 4-Bromofluorobenzene	12.477	95	108815	49.066	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.140%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	256	Below Cal	#	89
16) Acetone	3.942	43	906	1.807	ug/l	91
20) Methylene Chloride	4.704	84	21666	9.913	ug/l	85
29) Tetrahydrofuran	7.344	42	483	1.069	ug/l #	35
31) Cyclohexane	7.777	56	2759	1.050	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	10882	4.638	ug/l #	50
38) Carbon Tetrachloride	7.777	117	13883	5.598	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	58042	40.544	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	58042	78.500	ug/l #	11

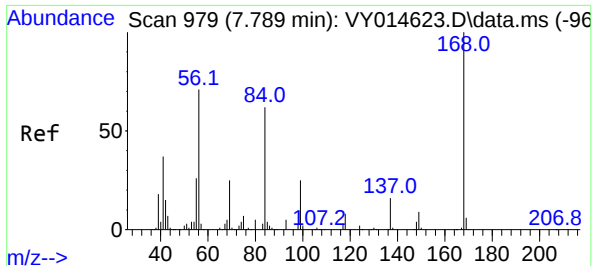
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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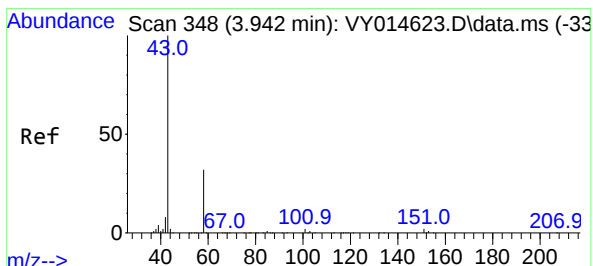
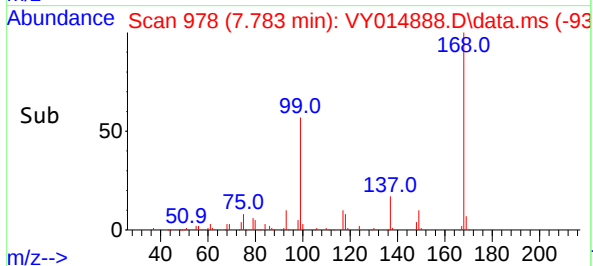
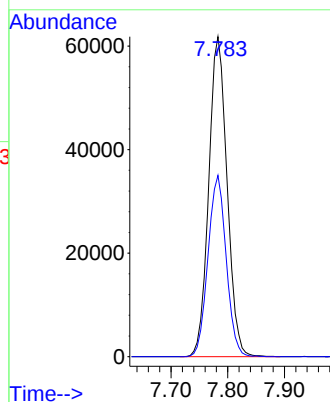
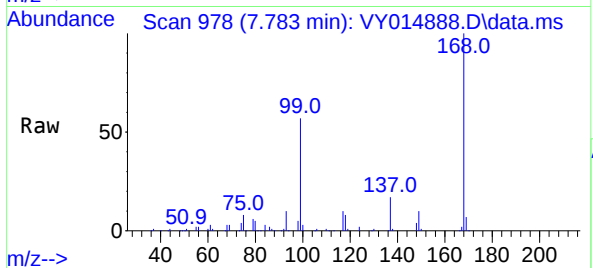




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014888.D
Acq: 27 Jul 2023 17:32

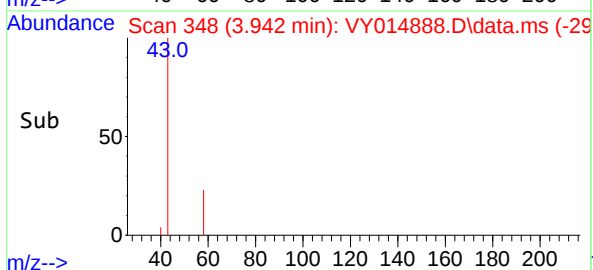
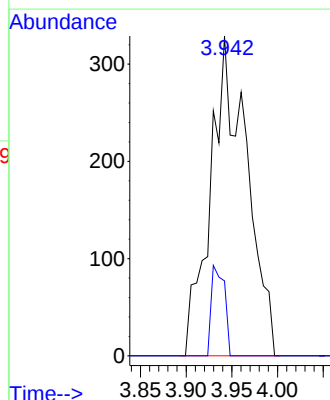
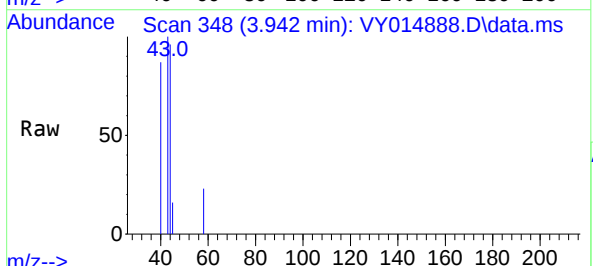
Instrument :
MSVOA_Y
ClientSampleId :

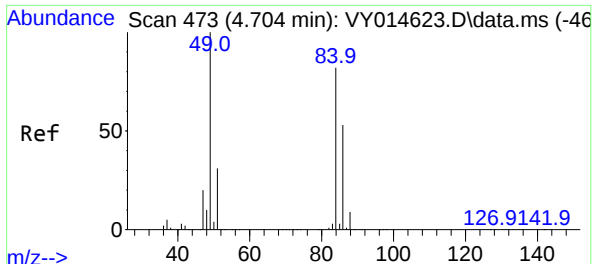
Tgt Ion:168 Resp: 138877
Ion Ratio Lower Upper
168 100
99 56.7 43.4 65.0



#16
Acetone
Concen: 1.807 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY014888.D
Acq: 27 Jul 2023 17:32

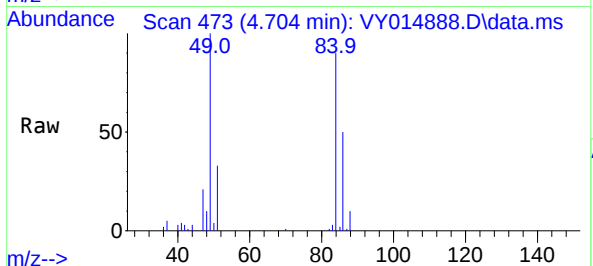
Tgt Ion: 43 Resp: 906
Ion Ratio Lower Upper
43 100
58 23.4 22.7 34.1





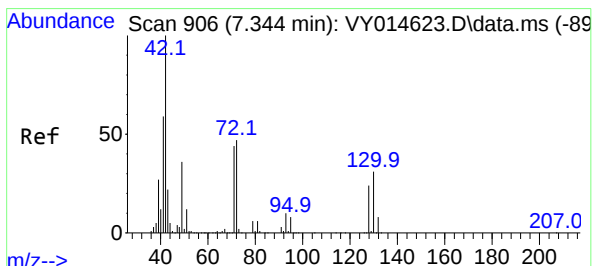
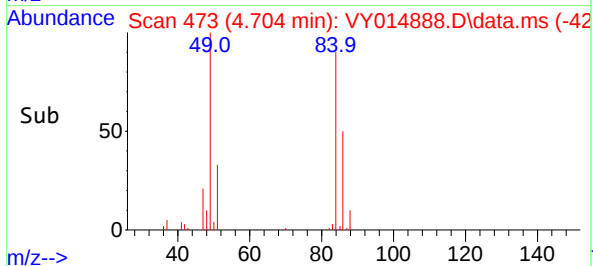
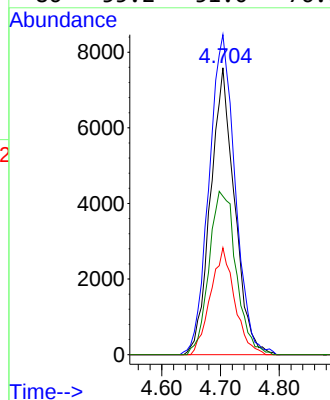
#20
Methylene Chloride
Concen: 9.913 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY014888.D
Acq: 27 Jul 2023 17:32

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 21666

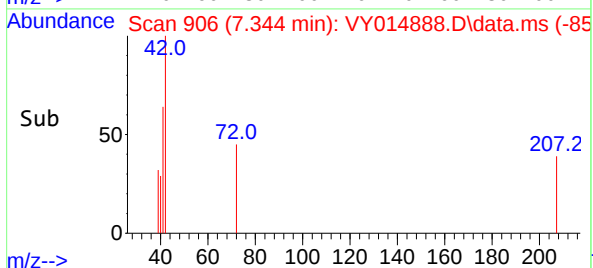
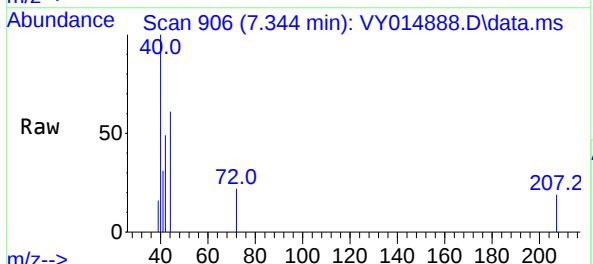
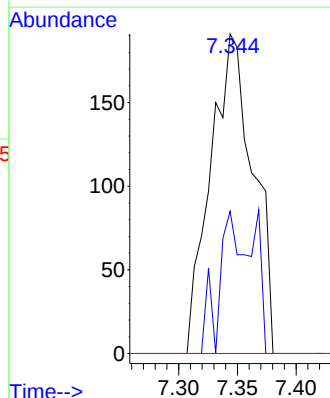
Ion	Ratio	Lower	Upper
84	100		
49	111.5	106.9	160.3
51	37.2	33.2	49.8
86	55.2	51.0	76.6

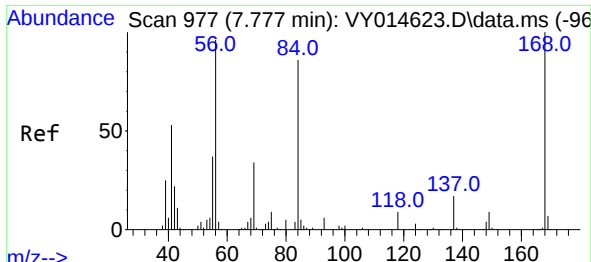


#29
Tetrahydrofuran
Concen: 1.069 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY014888.D
Acq: 27 Jul 2023 17:32

Tgt Ion: 42 Resp: 483

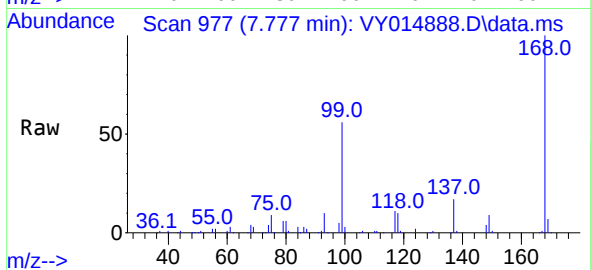
Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.8	49.2#
71	0.0	31.0	46.4#



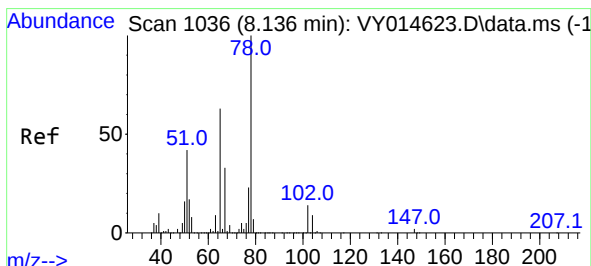
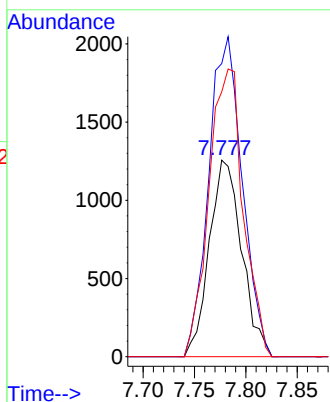
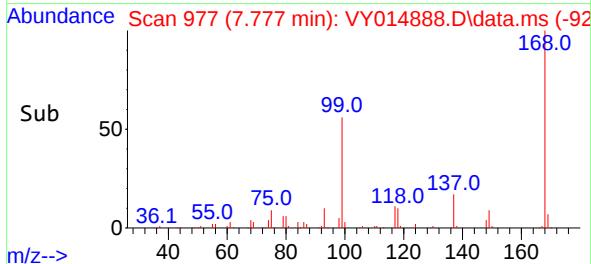


#31
Cyclohexane
Concen: 1.050 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014888.D
Acq: 27 Jul 2023 17:32

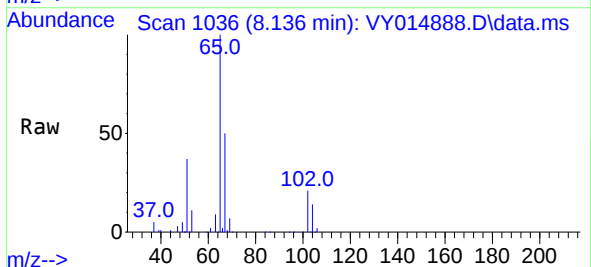
Instrument :
MSVOA_Y
ClientSampleId :



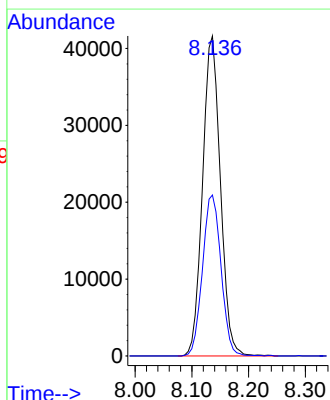
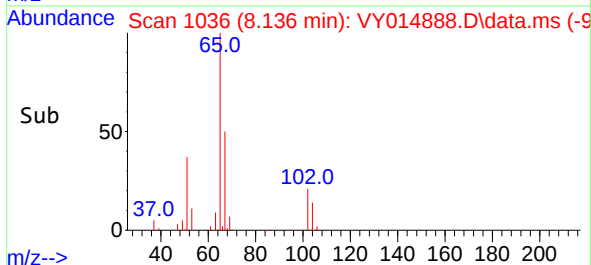
Tgt Ion: 56 Resp: 2759
Ion Ratio Lower Upper
56 100
69 149.2 27.8 41.6#
84 146.6 66.4 99.6#

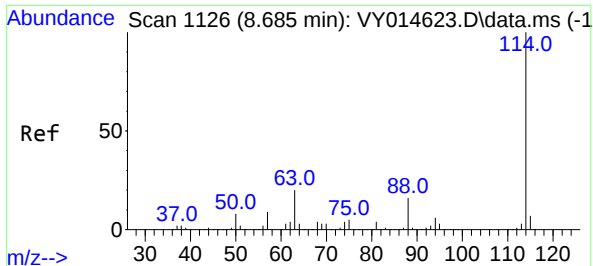


#33
1,2-Dichloroethane-d4
Concen: 57.343 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014888.D
Acq: 27 Jul 2023 17:32



Tgt Ion: 65 Resp: 90748
Ion Ratio Lower Upper
65 100
67 52.2 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: VY014888.D

Acq: 27 Jul 2023 17:32

Instrument :

MSVOA_Y

ClientSampleId :

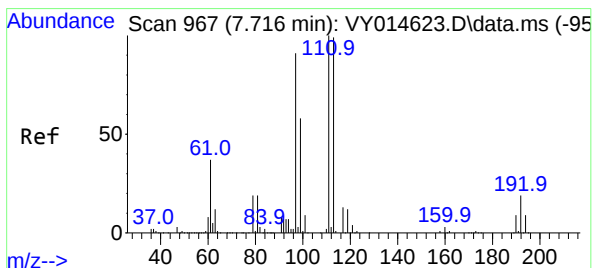
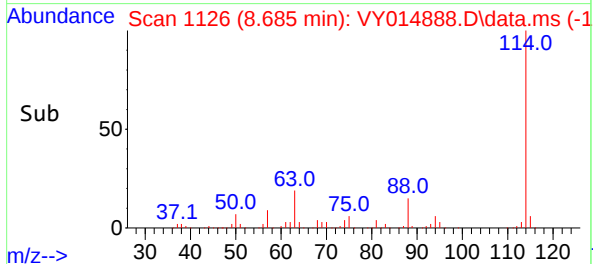
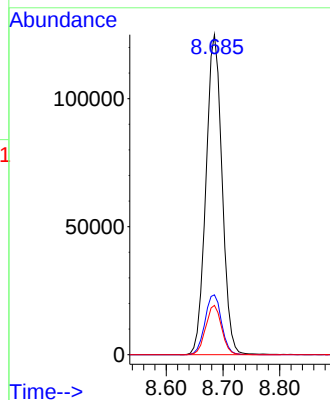
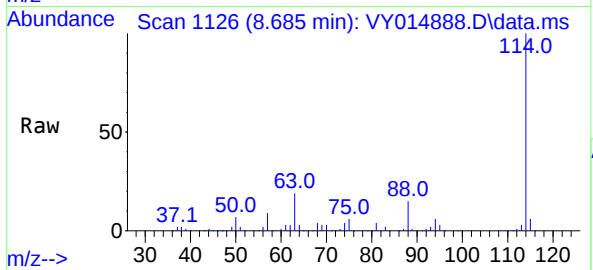
Tgt Ion:114 Resp: 246440

Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.644 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014888.D

Acq: 27 Jul 2023 17:32

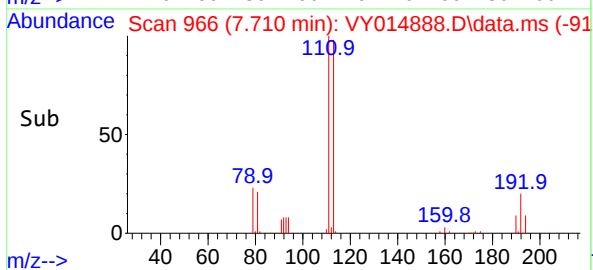
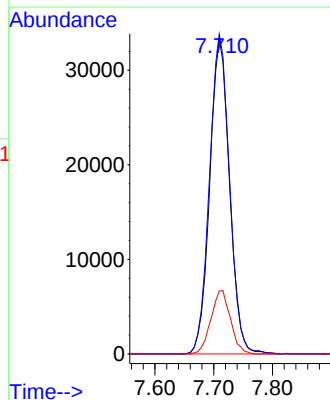
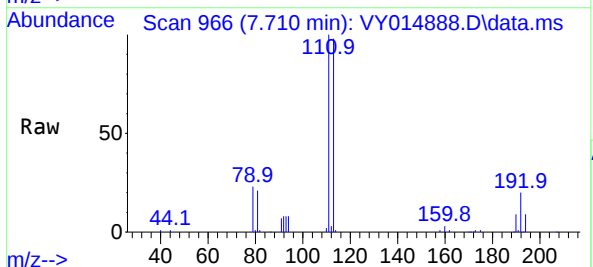
Tgt Ion:113 Resp: 77881

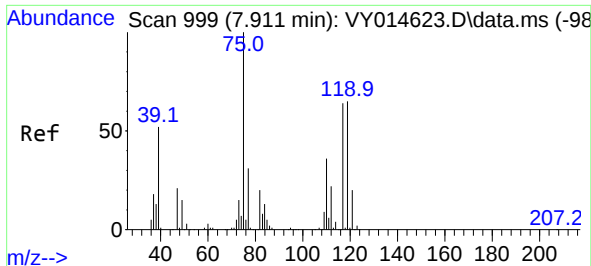
Ion Ratio Lower Upper

113 100

111 103.1 81.3 121.9

192 19.9 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.638 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

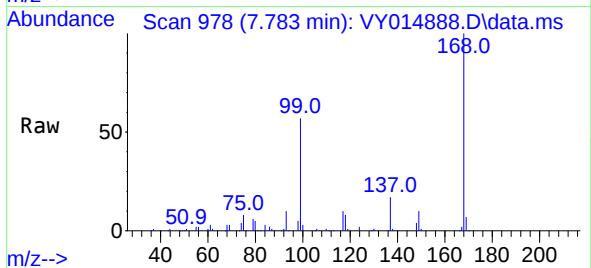
Lab File: VY014888.D

Acq: 27 Jul 2023 17:32

Instrument :

MSVOA_Y

ClientSampleId :



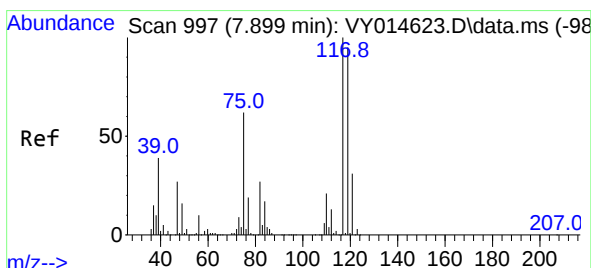
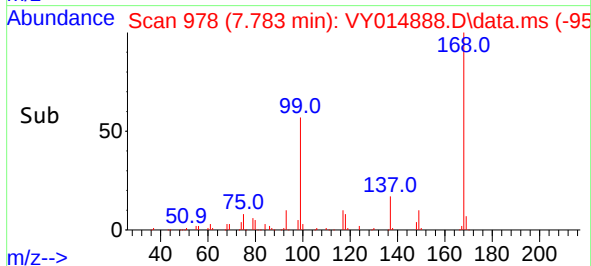
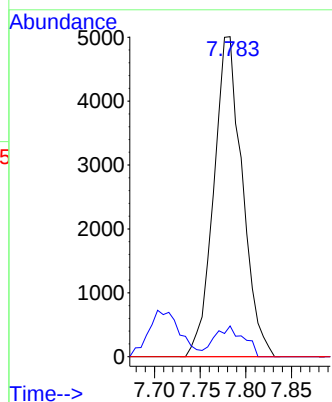
Tgt Ion: 75 Resp: 10882

Ion Ratio Lower Upper

75 100

110 9.6 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.598 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.122 min

Lab File: VY014888.D

Acq: 27 Jul 2023 17:32

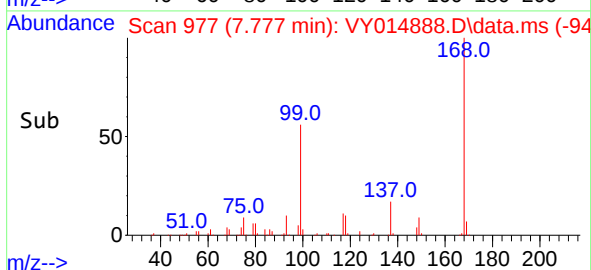
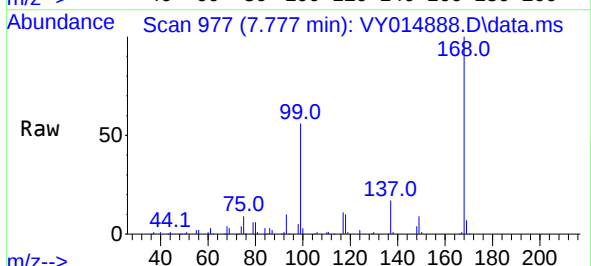
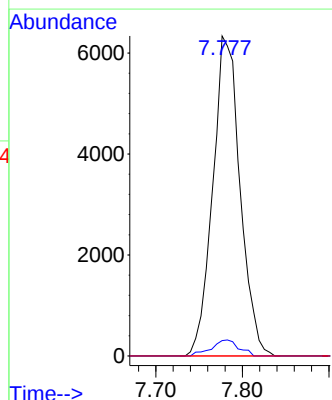
Tgt Ion: 117 Resp: 13883

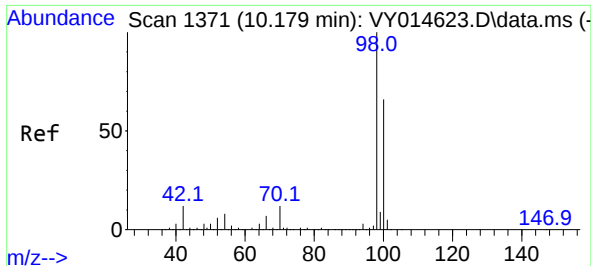
Ion Ratio Lower Upper

117 100

119 4.8 76.4 114.6#

121 0.0 25.8 38.6#

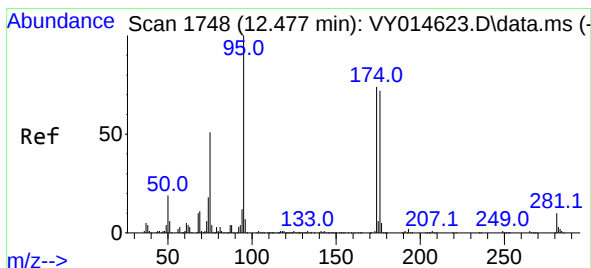
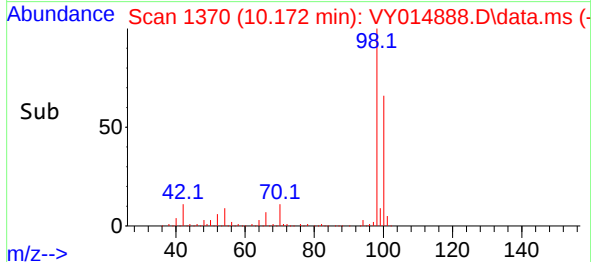
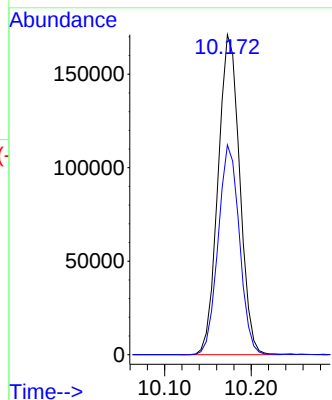
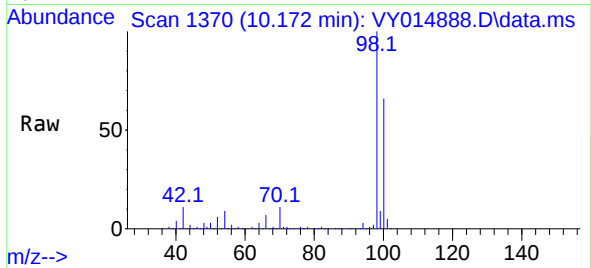




#50
Toluene-d8
Concen: 51.326 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY014888.D
Acq: 27 Jul 2023 17:32

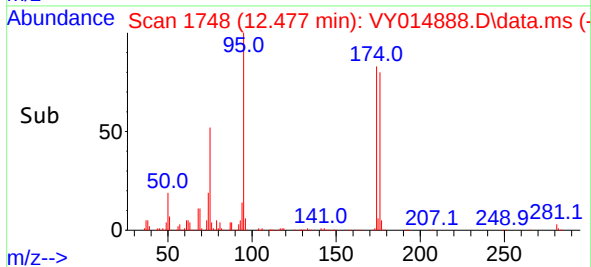
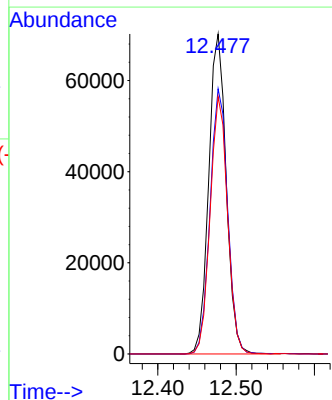
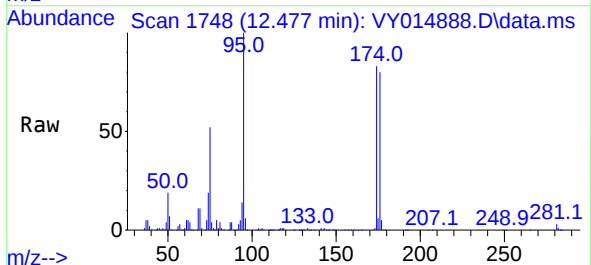
Instrument :
MSVOA_Y
ClientSampleId :

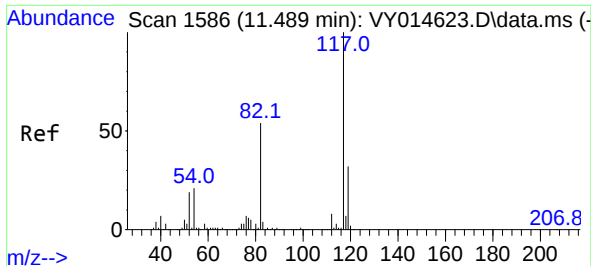
Tgt Ion: 98 Resp: 296858
Ion Ratio Lower Upper
98 100
100 64.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.066 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY014888.D
Acq: 27 Jul 2023 17:32

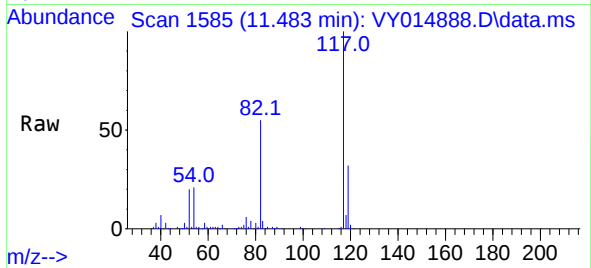
Tgt Ion: 95 Resp: 108815
Ion Ratio Lower Upper
95 100
174 83.4 0.0 178.2
176 79.8 0.0 173.8



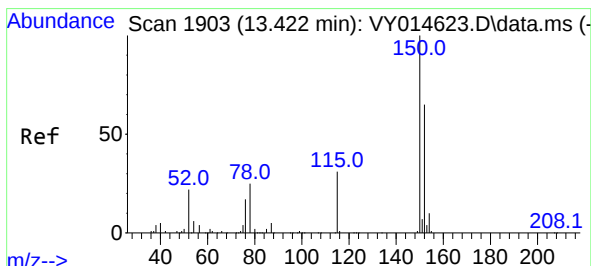
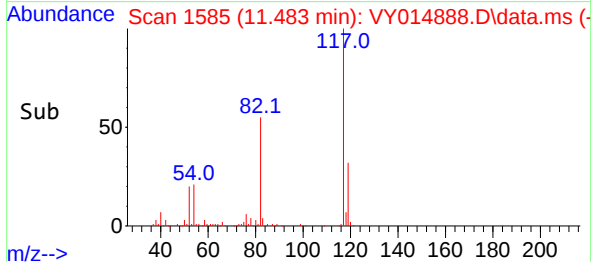
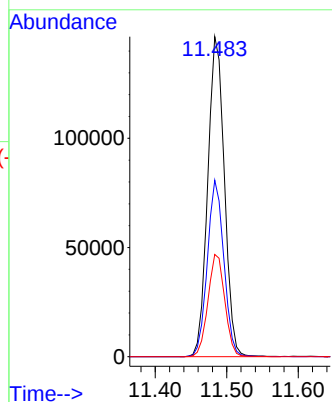


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014888.D
Acq: 27 Jul 2023 17:32

Instrument :
MSVOA_Y
ClientSampleId :

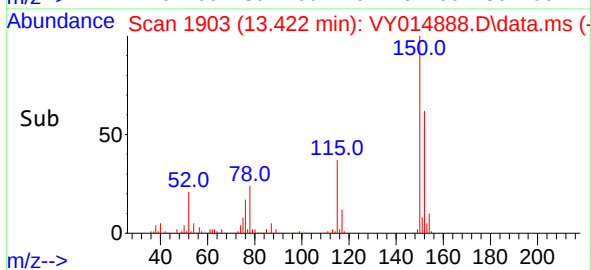
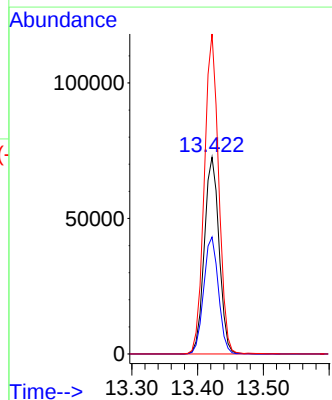
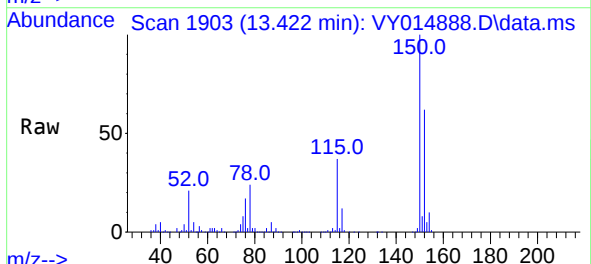


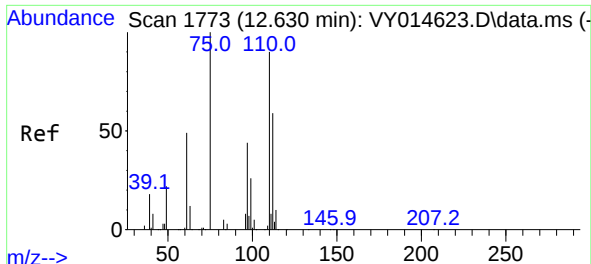
Tgt Ion:117 Resp: 237326
Ion Ratio Lower Upper
117 100
82 55.2 43.4 65.0
119 32.0 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY014888.D
Acq: 27 Jul 2023 17:32

Tgt Ion:152 Resp: 113351
Ion Ratio Lower Upper
152 100
115 59.4 28.8 86.5
150 158.6 0.0 348.8

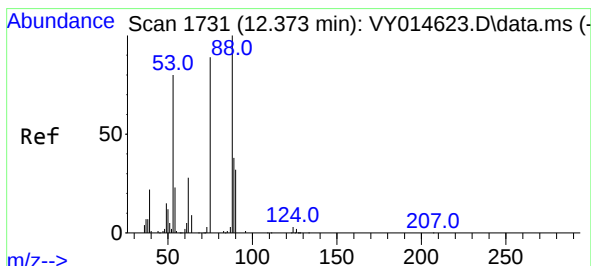
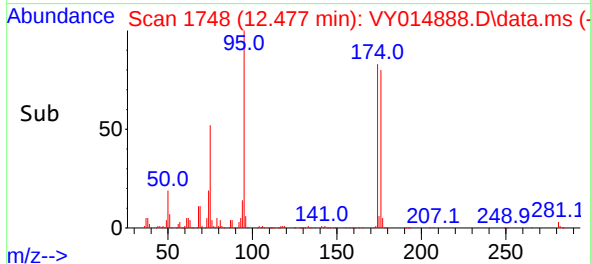
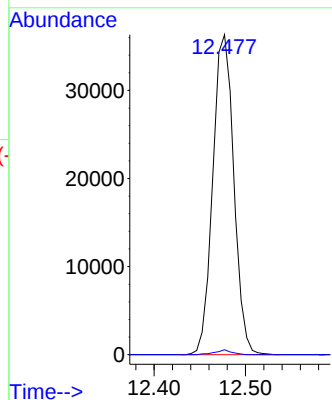
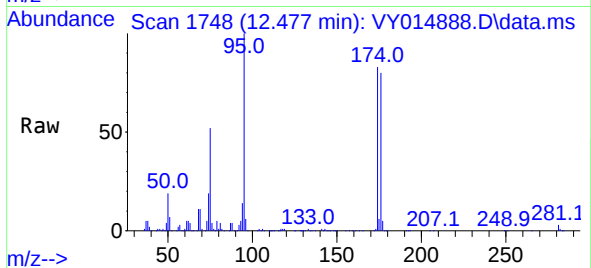




#76
1,2,3-Trichloropropane
Concen: 40.544 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY014888.D
Acq: 27 Jul 2023 17:32

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 58042
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.500 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY014888.D
Acq: 27 Jul 2023 17:32

Tgt Ion: 75 Resp: 58042
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

