

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
 Data File : VY015860.D
 Acq On : 06 Oct 2023 14:24
 Operator : SY/MD
 Sample : 04736-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 07 07:26:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 05:54:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

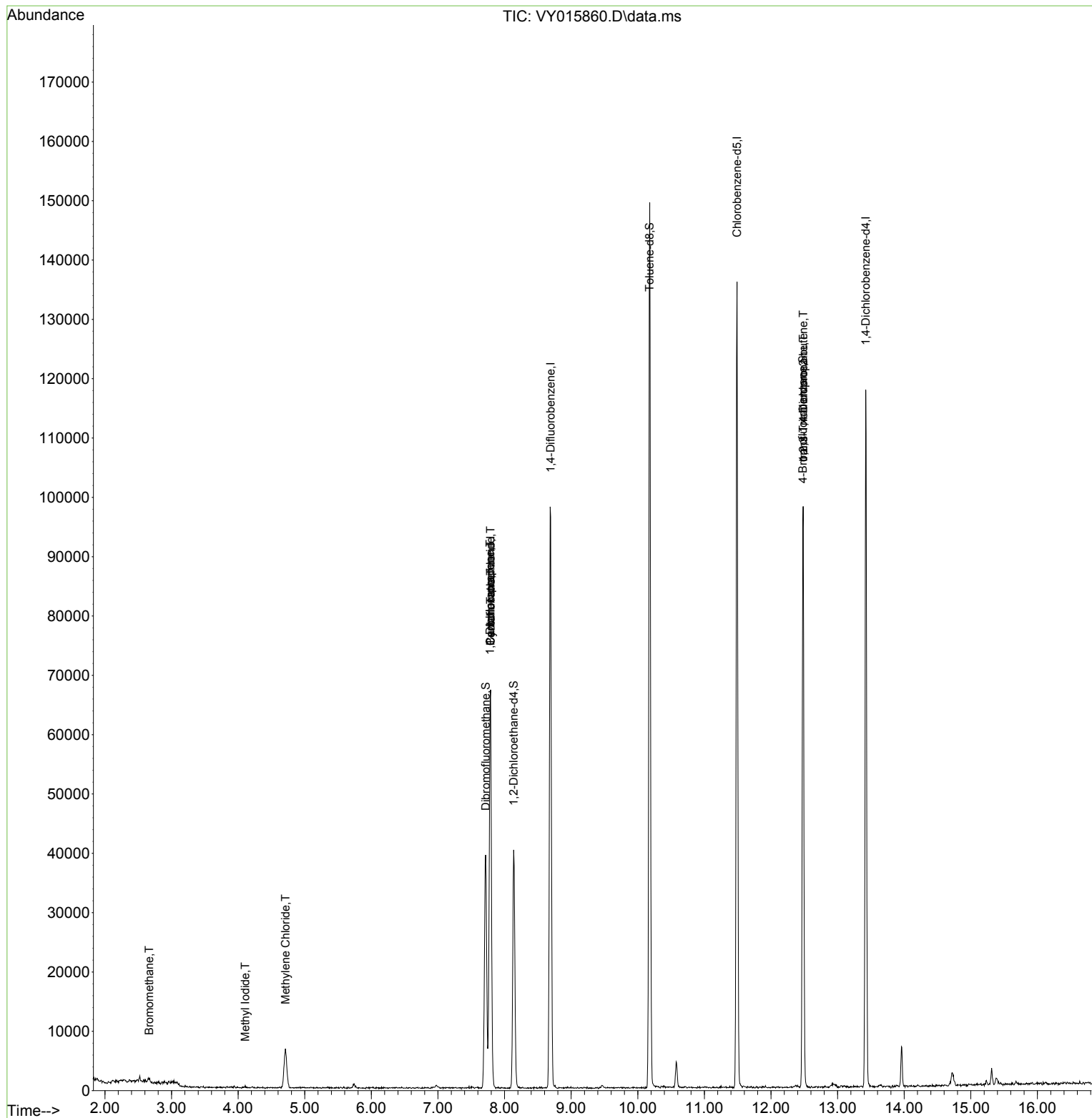
Internal Standards						
1) Pentafluorobenzene	7.789	168	53412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	86148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	75595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	30726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	30573	58.180	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.360%
35) Dibromofluoromethane	7.716	113	28627	58.298	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.600%
50) Toluene-d8	10.179	98	98838	61.995	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	123.980%
62) 4-Bromofluorobenzene	12.477	95	30344	46.563	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.120%
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	290	1.914	ug/l #	79
10) Methyl Iodide	4.107	142	308	3.838	ug/l #	38
11) Tert butyl alcohol	4.936	59	23	Below Cal	#	89
20) Methylene Chloride	4.710	84	5278	2.641	ug/l #	79
31) Cyclohexane	7.789	56	1013	1.710	ug/l #	8
36) 1,1-Dichloropropene	7.783	75	4124	7.040	ug/l #	50
38) Carbon Tetrachloride	7.789	117	5586	8.109	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	15774	34.679	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	15774	80.279	ug/l #	10

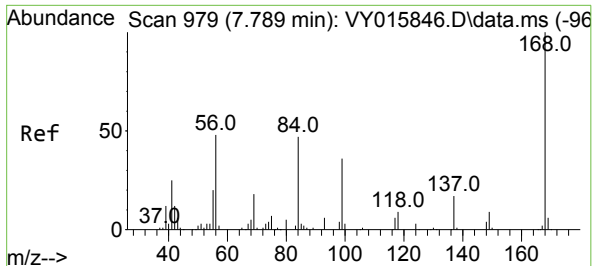
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
Data File : VY015860.D
Acq On : 06 Oct 2023 14:24
Operator : SY/MD
Sample : 04736-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

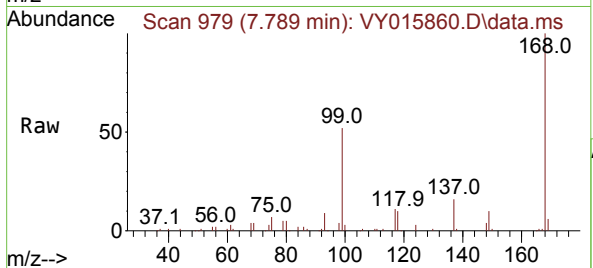
Quant Time: Oct 07 07:26:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 06 05:54:04 2023
Response via : Initial Calibration



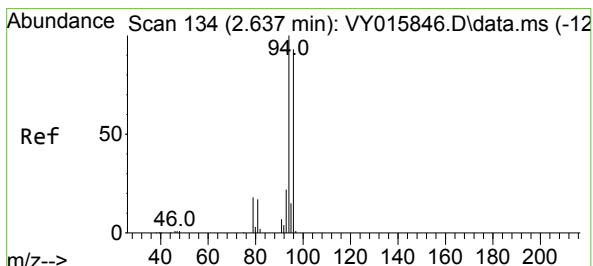
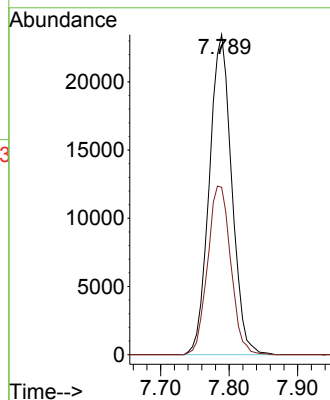
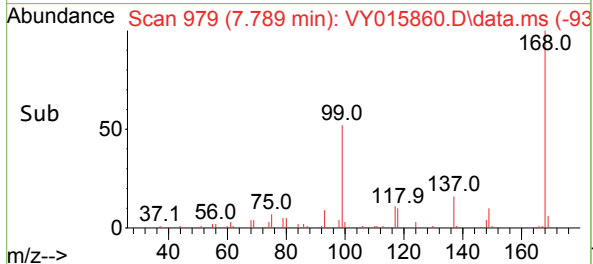


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015860.D
Acq: 06 Oct 2023 14:24

Instrument :
MSVOA_Y
ClientSampleId :

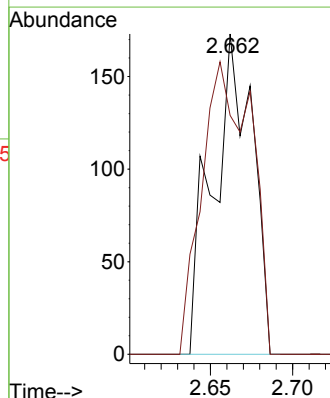
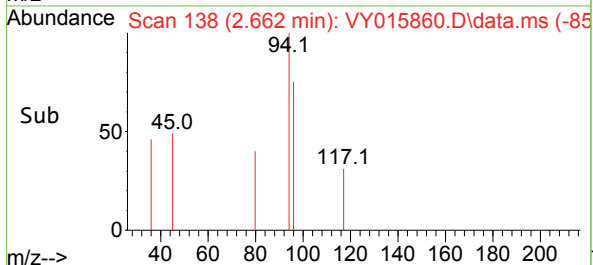
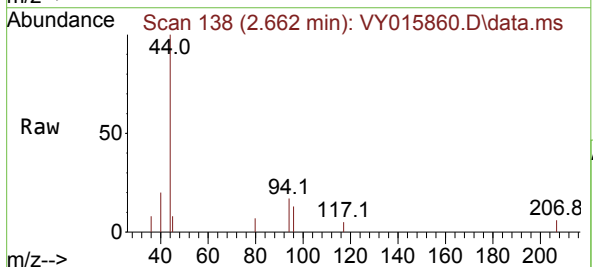


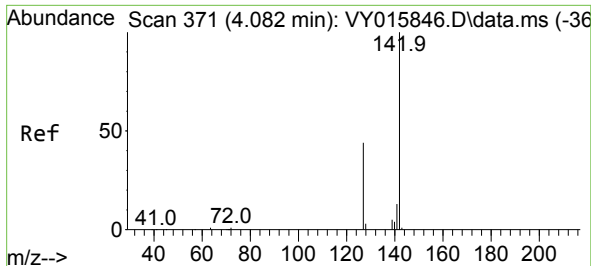
Tgt Ion:168 Resp: 53412
Ion Ratio Lower Upper
168 100
99 52.3 43.4 65.0



#5
Bromomethane
Concen: 1.914 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.025 min
Lab File: VY015860.D
Acq: 06 Oct 2023 14:24

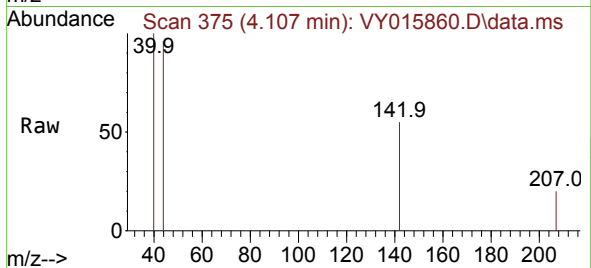
Tgt Ion: 94 Resp: 290
Ion Ratio Lower Upper
94 100
96 74.6 75.8 113.6#



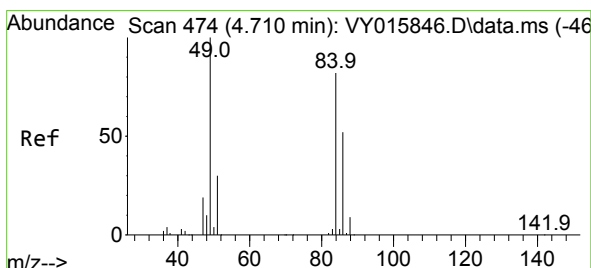
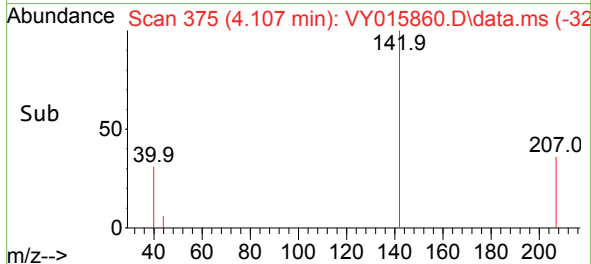
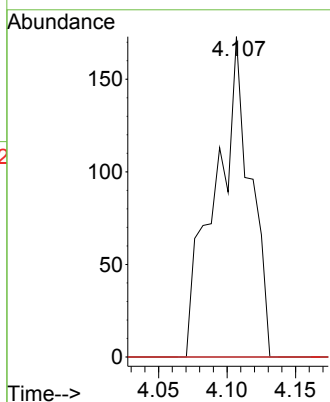


#10
Methyl Iodide
Concen: 3.838 ug/l
RT: 4.107 min Scan# 371
Delta R.T. 0.025 min
Lab File: VY015860.D
Acq: 06 Oct 2023 14:24

Instrument :
MSVOA_Y
ClientSampleId :

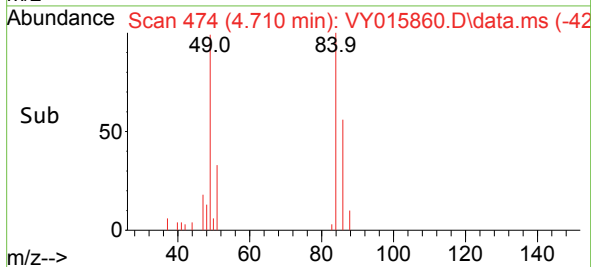
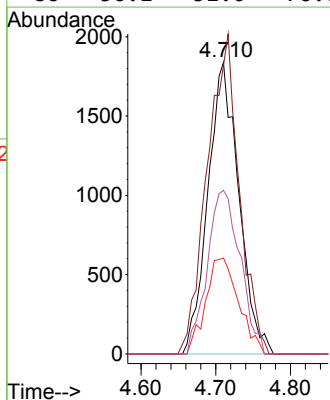
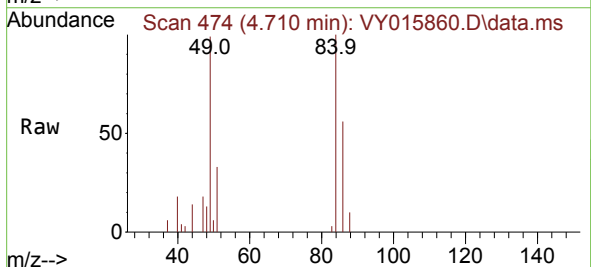


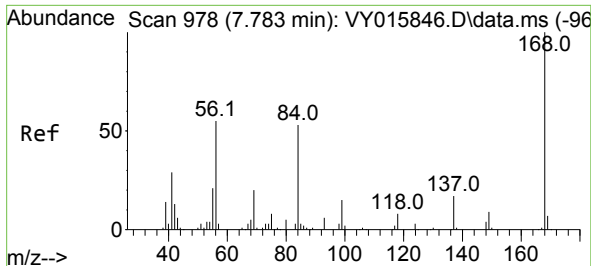
Tgt Ion:142 Resp: 308
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#



#20
Methylene Chloride
Concen: 2.641 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015860.D
Acq: 06 Oct 2023 14:24

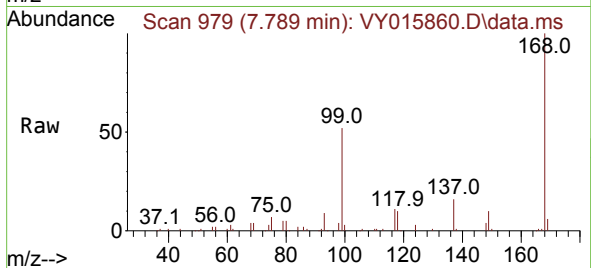
Tgt Ion: 84 Resp: 5278
Ion Ratio Lower Upper
84 100
49 98.9 106.9 160.3#
51 32.9 33.2 49.8#
86 56.1 51.0 76.6



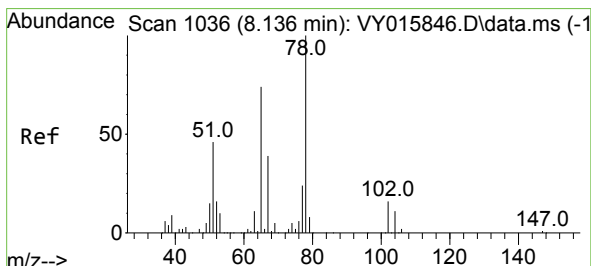
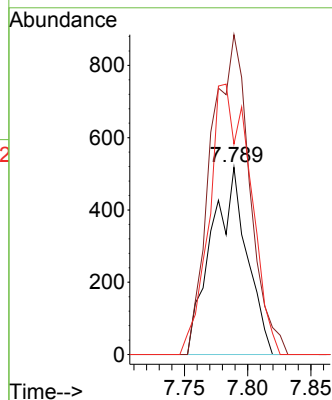
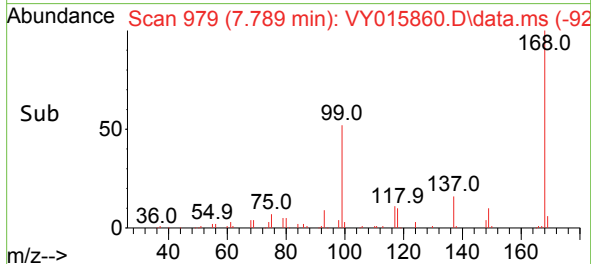


#31
Cyclohexane
Concen: 1.710 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015860.D
Acq: 06 Oct 2023 14:24

Instrument :
MSVOA_Y
ClientSampleId :

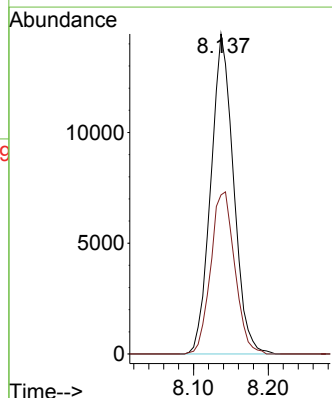
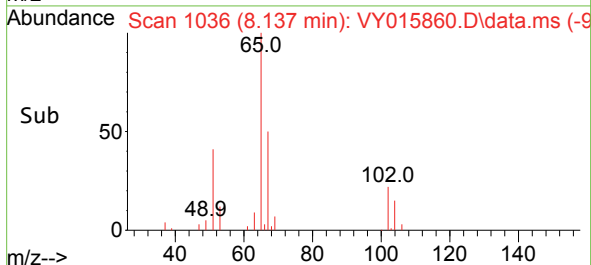
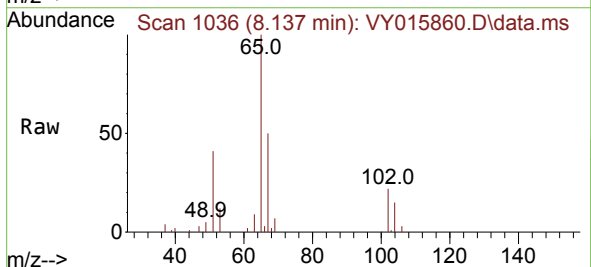


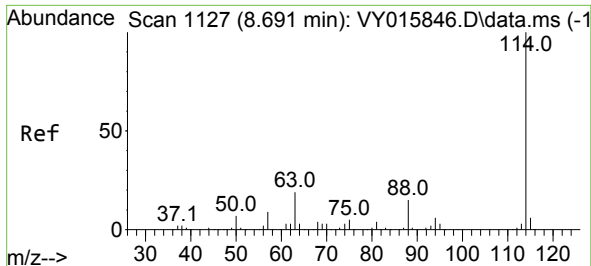
Tgt Ion: 56 Resp: 1013
Ion Ratio Lower Upper
56 100
69 170.8 27.8 41.6#
84 112.4 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 58.180 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015860.D
Acq: 06 Oct 2023 14:24

Tgt Ion: 65 Resp: 30573
Ion Ratio Lower Upper
65 100
67 53.6 0.0 101.8

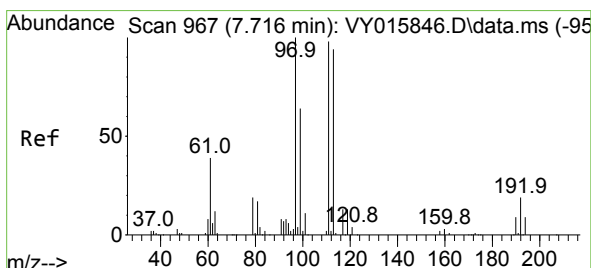
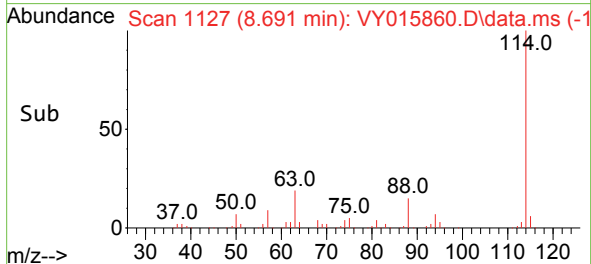
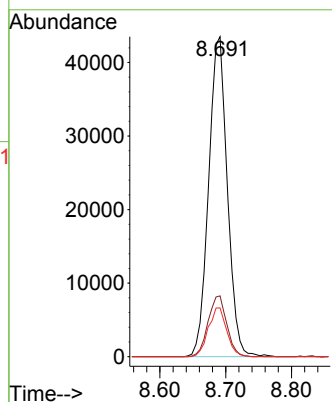
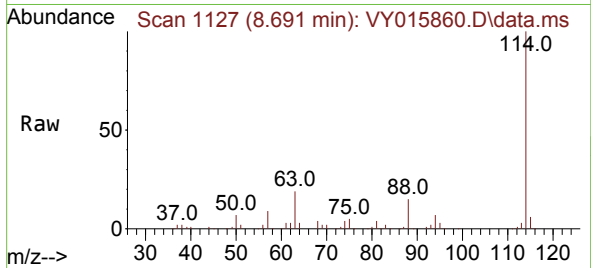




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY015860.D
Acq: 06 Oct 2023 14:24

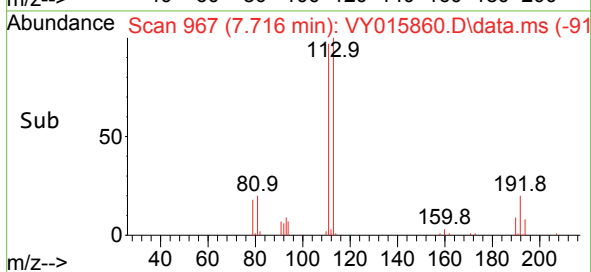
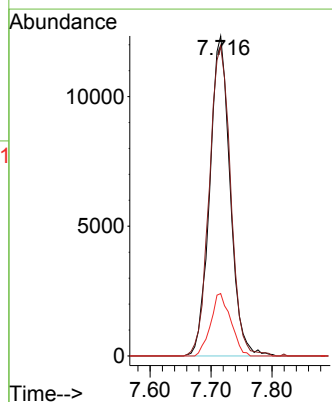
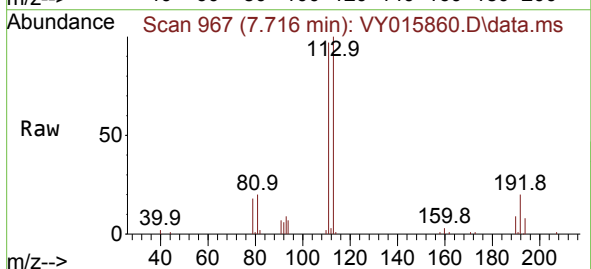
Instrument :
MSVOA_Y
ClientSampleId :

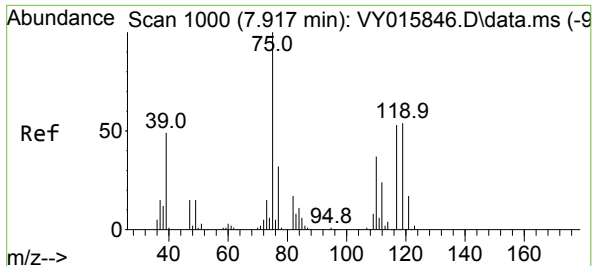
Tgt Ion:114 Resp: 86148
Ion Ratio Lower Upper
114 100
63 19.0 0.0 42.4
88 15.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 58.298 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015860.D
Acq: 06 Oct 2023 14:24

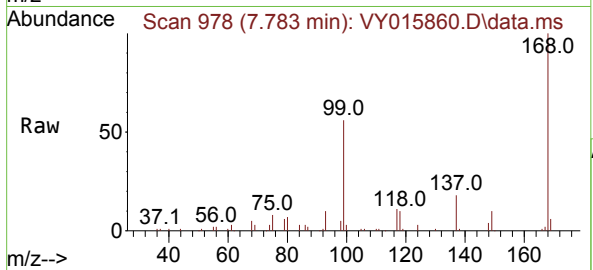
Tgt Ion:113 Resp: 28627
Ion Ratio Lower Upper
113 100
111 101.6 81.3 121.9
192 19.2 16.9 25.3



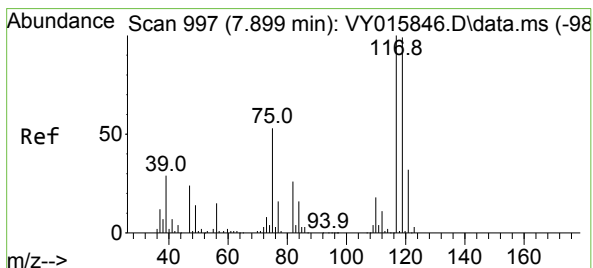
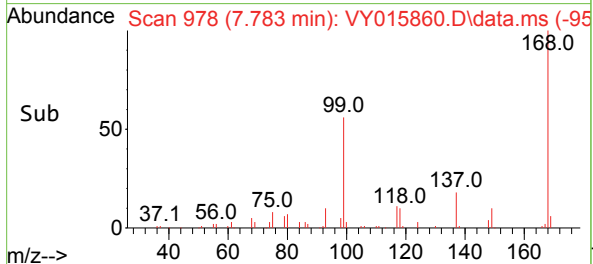
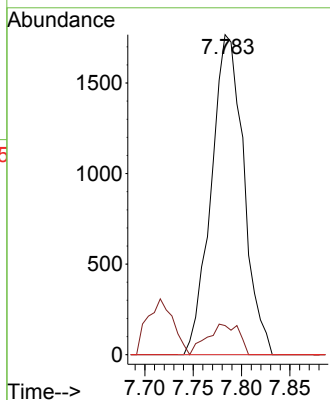


#36
1,1-Dichloropropene
Concen: 7.040 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY015860.D
Acq: 06 Oct 2023 14:24

Instrument :
MSVOA_Y
ClientSampleId :

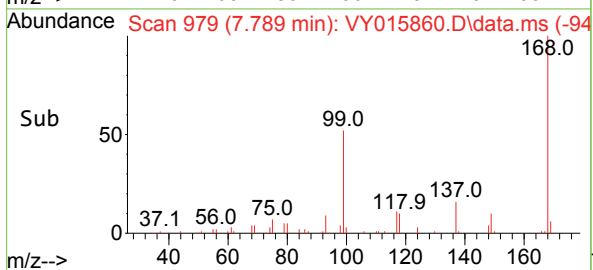
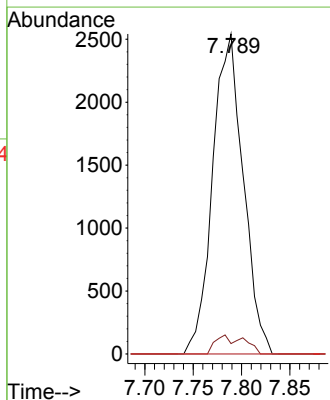
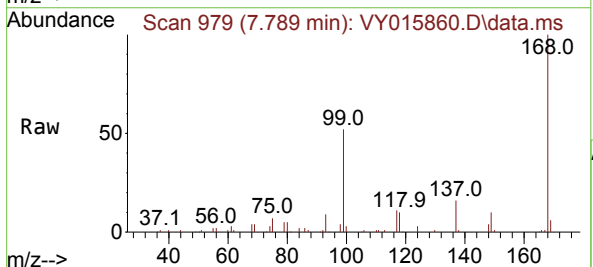


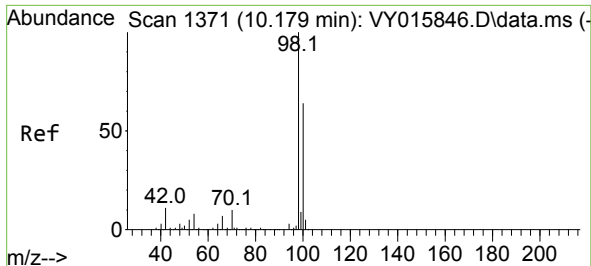
Tgt Ion: 75 Resp: 4124
Ion Ratio Lower Upper
75 100
110 9.3 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 8.109 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY015860.D
Acq: 06 Oct 2023 14:24

Tgt Ion: 117 Resp: 5586
Ion Ratio Lower Upper
117 100
119 3.3 76.4 114.6#
121 0.0 25.8 38.6#

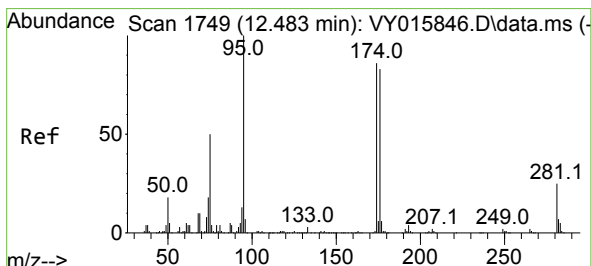
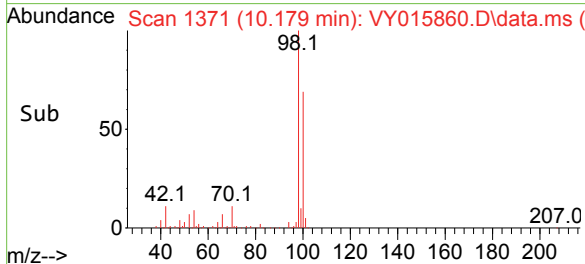
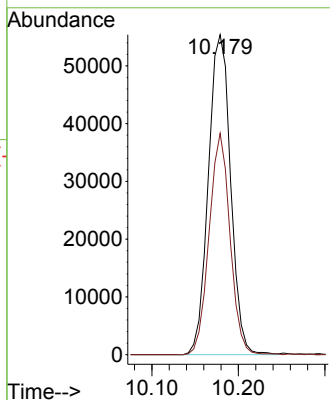
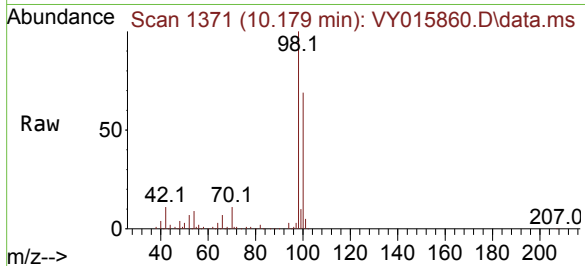




#50
Toluene-d8
Concen: 61.995 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015860.D
Acq: 06 Oct 2023 14:24

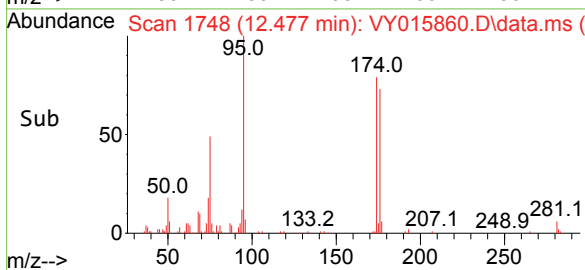
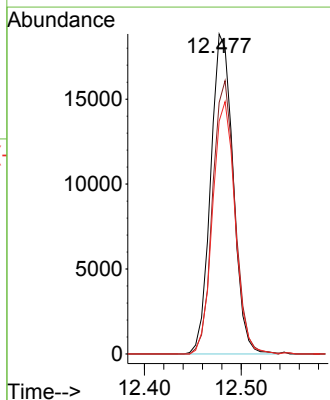
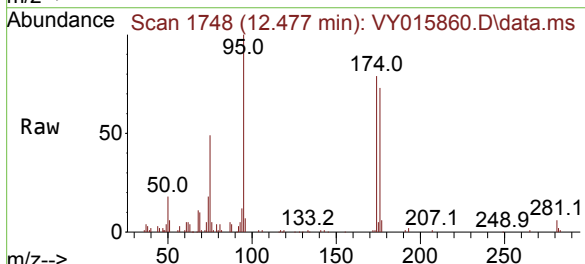
Instrument :
MSVOA_Y
ClientSampleId :

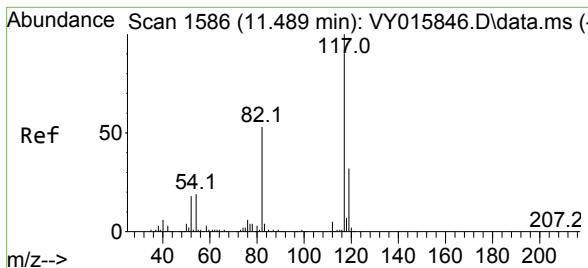
Tgt Ion: 98 Resp: 98838
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 46.563 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY015860.D
Acq: 06 Oct 2023 14:24

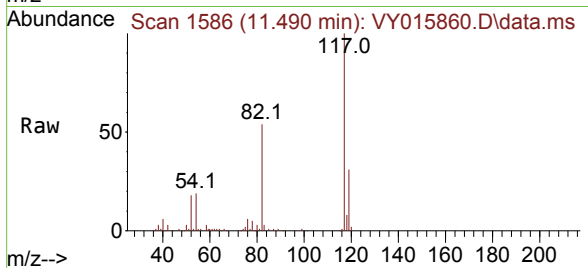
Tgt Ion: 95 Resp: 30344
Ion Ratio Lower Upper
95 100
174 85.0 0.0 178.2
176 79.1 0.0 173.8



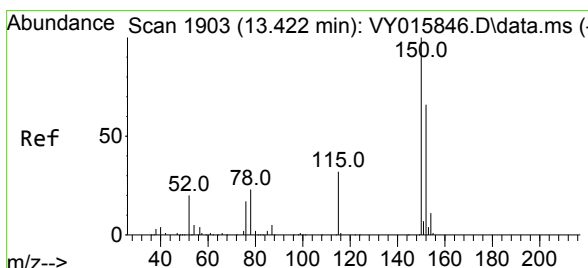
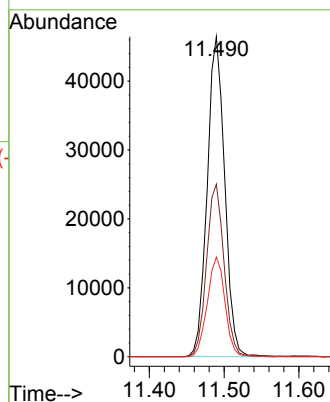
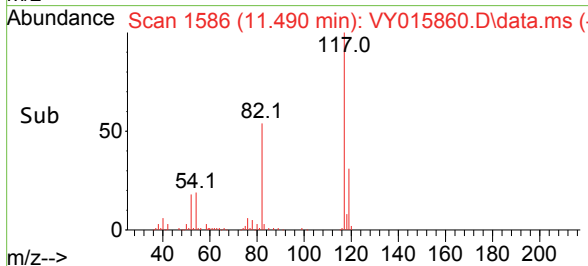


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015860.D
Acq: 06 Oct 2023 14:24

Instrument :
MSVOA_Y
ClientSampleId :

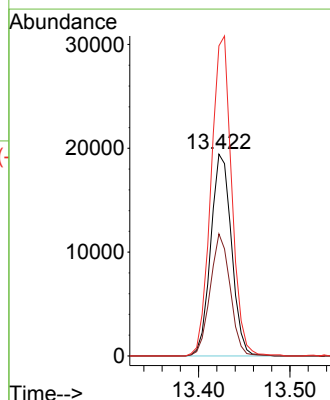
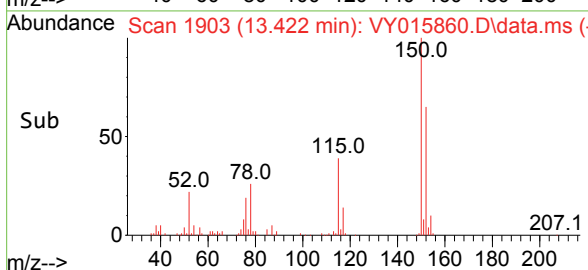
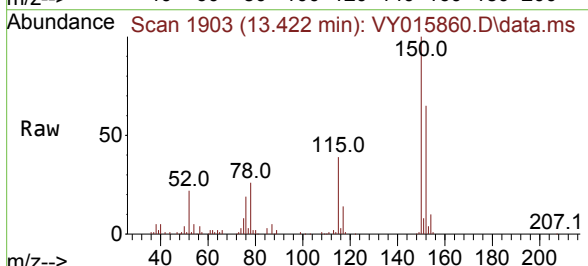


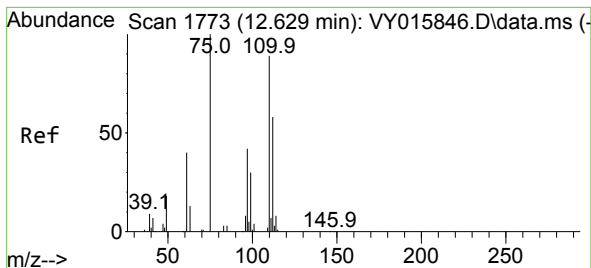
Tgt Ion:117 Resp: 75595
Ion Ratio Lower Upper
117 100
82 53.9 43.4 65.0
119 31.2 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015860.D
Acq: 06 Oct 2023 14:24

Tgt Ion:152 Resp: 30726
Ion Ratio Lower Upper
152 100
115 58.2 28.8 86.5
150 157.5 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 34.679 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY015860.D

Acq: 06 Oct 2023 14:24

Instrument :

MSVOA_Y

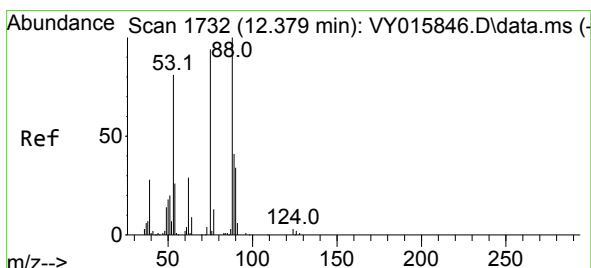
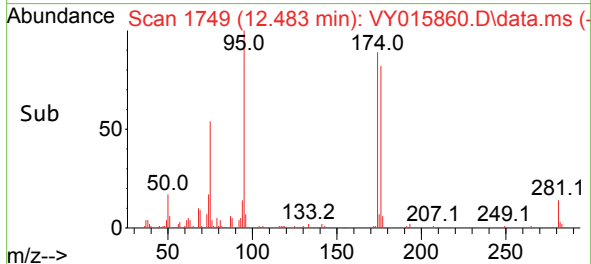
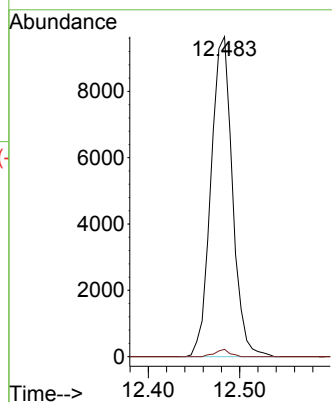
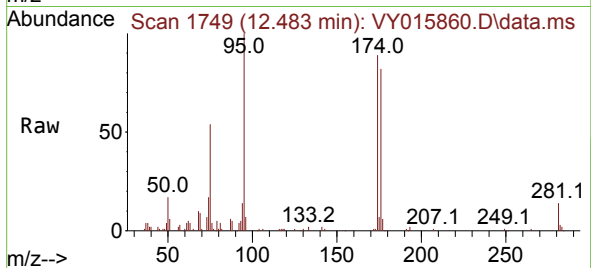
ClientSampleId :

Tgt Ion: 75 Resp: 15774

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 80.279 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY015860.D

Acq: 06 Oct 2023 14:24

Tgt Ion: 75 Resp: 15774

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.0 37.4 56.0#

