

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101323\
 Data File : VY015949.D
 Acq On : 13 Oct 2023 11:20
 Operator : SY/MD
 Sample : VY1013SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 13 16:07:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

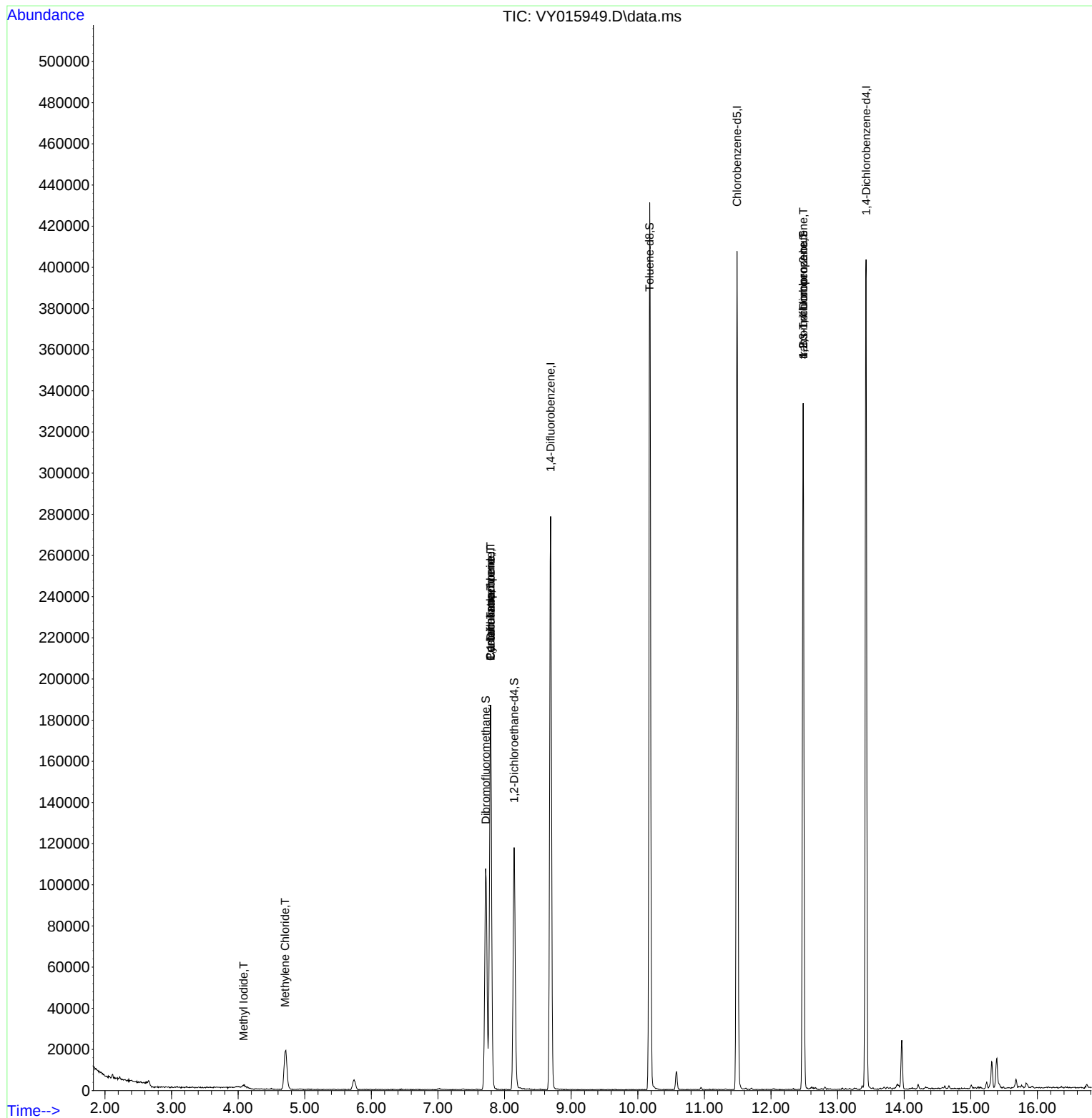
Internal Standards						
1) Pentafluorobenzene	7.789	168	143863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	244887	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	227915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106865	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	91940	55.997	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.000%
35) Dibromofluoromethane	7.716	113	78773	51.095	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.180%
50) Toluene-d8	10.179	98	288105	49.901	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.800%
62) 4-Bromofluorobenzene	12.483	95	98227	47.779	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.560%
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	1658	Below Cal		90
10) Methyl Iodide	4.082	142	1784	1.045	ug/l #	89
20) Methylene Chloride	4.704	84	15214	4.582	ug/l #	83
31) Cyclohexane	7.789	56	2840	1.087	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	10495	4.512	ug/l #	50
38) Carbon Tetrachloride	7.789	117	14252	5.818	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	50338	24.070	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	50338	56.700	ug/l #	11

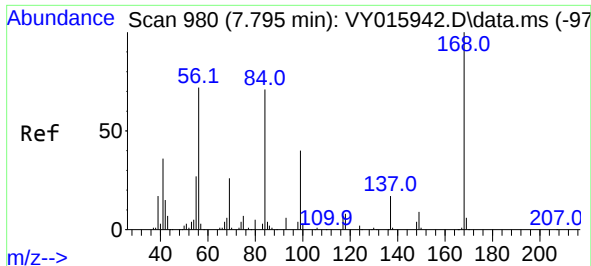
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101323\
Data File : VY015949.D
Acq On : 13 Oct 2023 11:20
Operator : SY/MD
Sample : VY1013SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

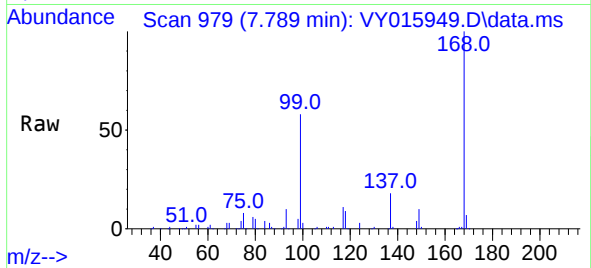
Quant Time: Oct 13 16:07:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 13 13:13:02 2023
Response via : Initial Calibration



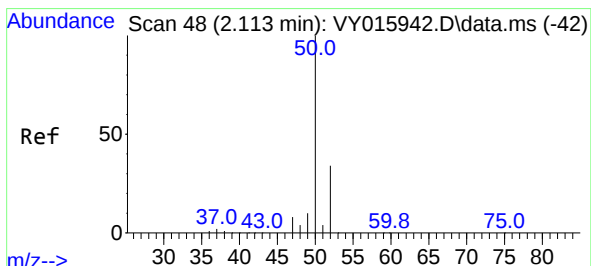
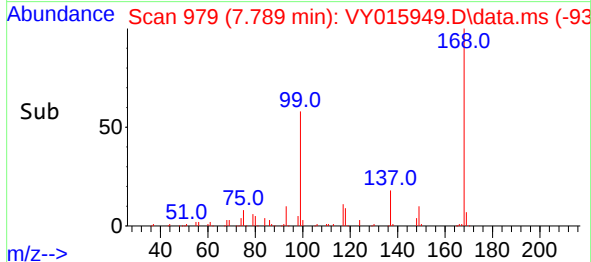
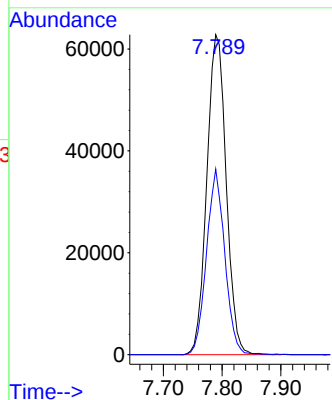


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015949.D
Acq: 13 Oct 2023 11:20

Instrument :
MSVOA_Y
ClientSampleId :

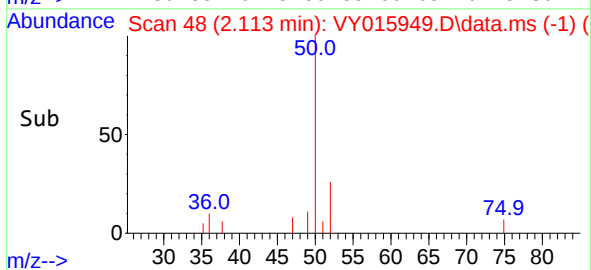
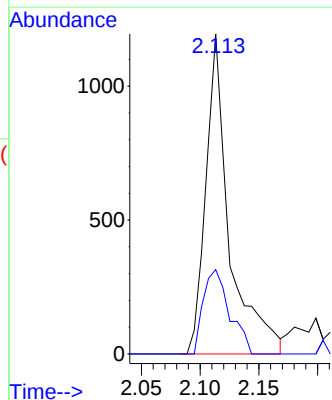
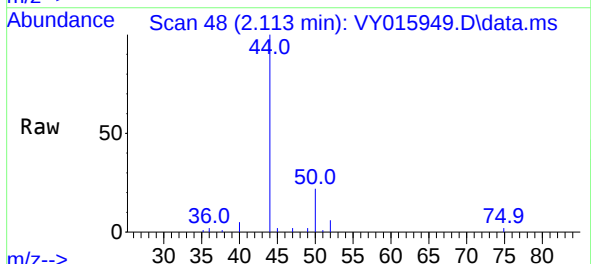


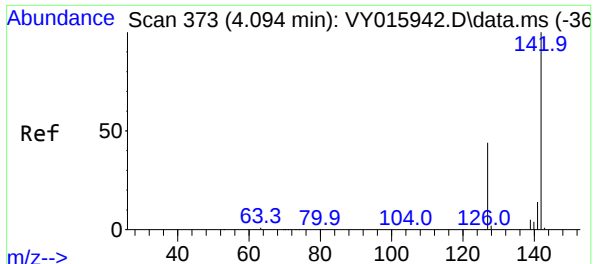
Tgt Ion:168 Resp: 143863
Ion Ratio Lower Upper
168 100
99 58.0 43.4 65.0



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY015949.D
Acq: 13 Oct 2023 11:20

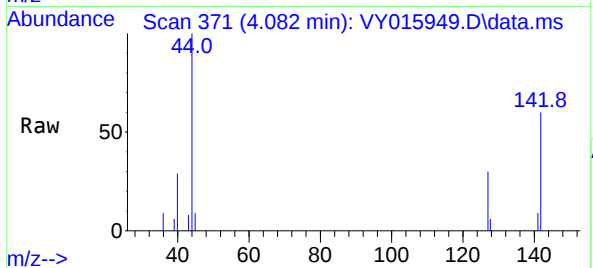
Tgt Ion: 50 Resp: 1658
Ion Ratio Lower Upper
50 100
52 26.4 25.4 38.2



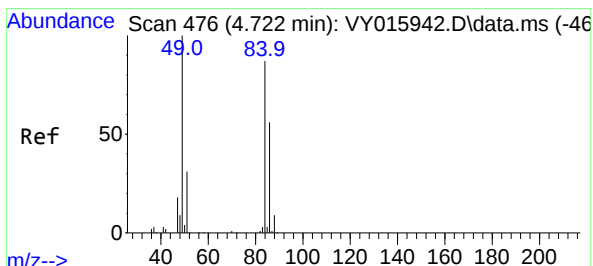
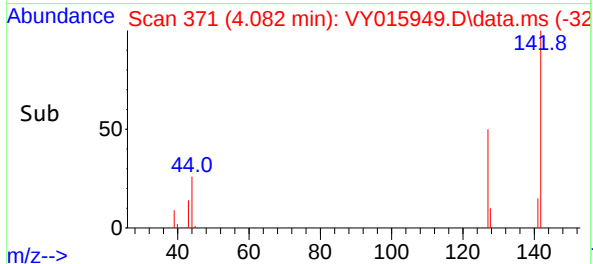
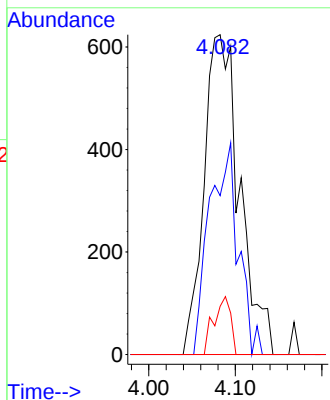


#10
Methyl Iodide
Concen: 1.045 ug/l
RT: 4.082 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY015949.D
Acq: 13 Oct 2023 11:20

Instrument :
MSVOA_Y
ClientSampleId :

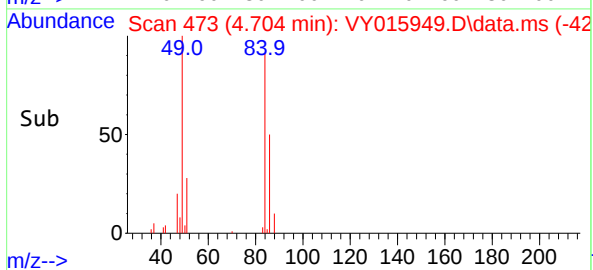
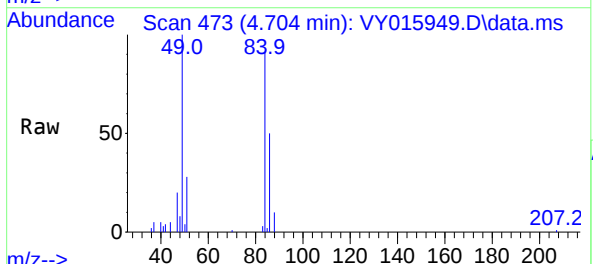
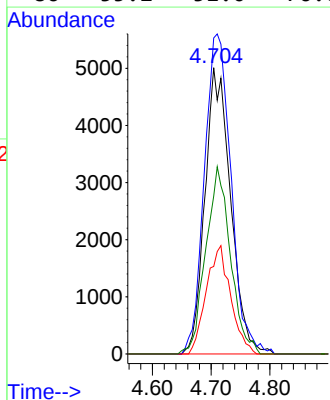


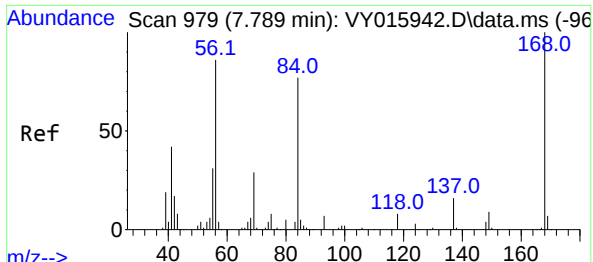
Tgt Ion:142 Resp: 1784
Ion Ratio Lower Upper
142 100
127 53.4 37.6 56.4
141 8.6 11.8 17.8#



#20
Methylene Chloride
Concen: 4.582 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.018 min
Lab File: VY015949.D
Acq: 13 Oct 2023 11:20

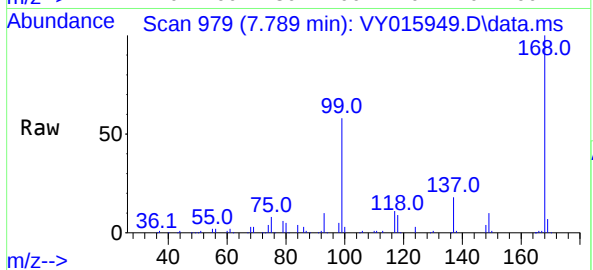
Tgt Ion: 84 Resp: 15214
Ion Ratio Lower Upper
84 100
49 110.4 106.9 160.3
51 30.6 33.2 49.8#
86 55.2 51.0 76.6



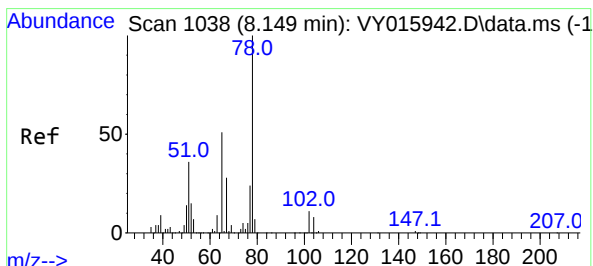
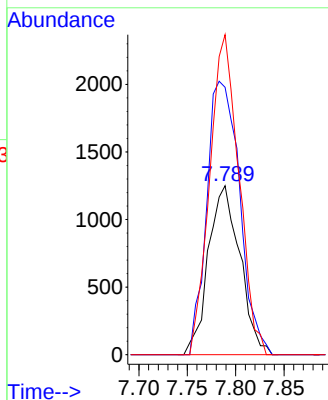
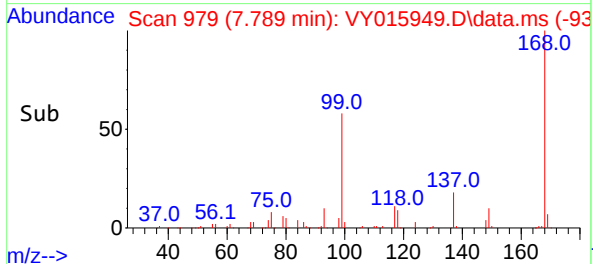


#31
Cyclohexane
Concen: 1.087 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015949.D
Acq: 13 Oct 2023 11:20

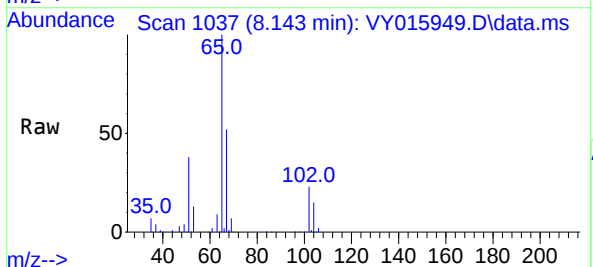
Instrument :
MSVOA_Y
ClientSampleId :



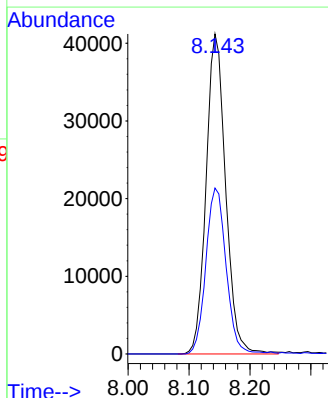
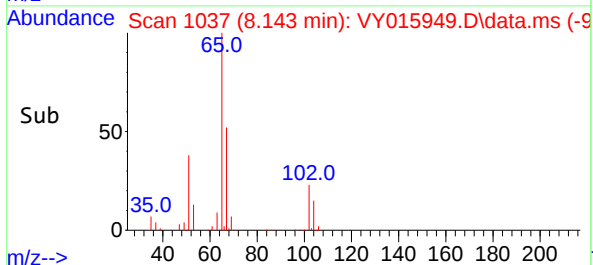
Tgt Ion: 56 Resp: 2840
Ion Ratio Lower Upper
56 100
69 158.3 27.8 41.6#
84 189.4 66.4 99.6#

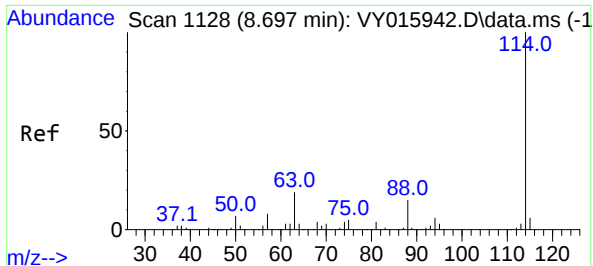


#33
1,2-Dichloroethane-d4
Concen: 55.997 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY015949.D
Acq: 13 Oct 2023 11:20



Tgt Ion: 65 Resp: 91940
Ion Ratio Lower Upper
65 100
67 53.5 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY015949.D

Acq: 13 Oct 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

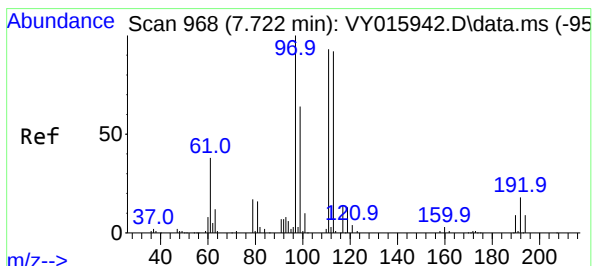
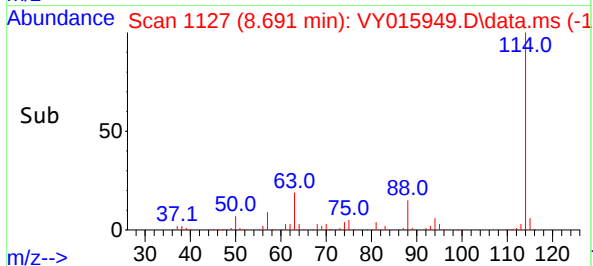
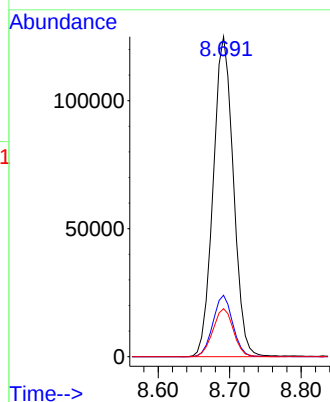
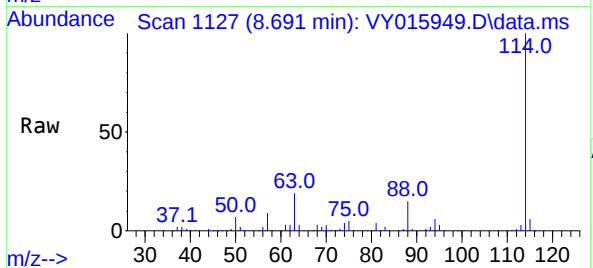
Tgt Ion:114 Resp: 244887

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.095 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY015949.D

Acq: 13 Oct 2023 11:20

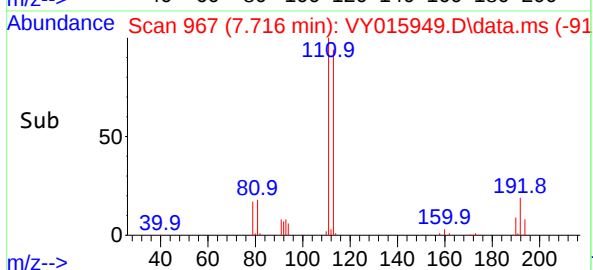
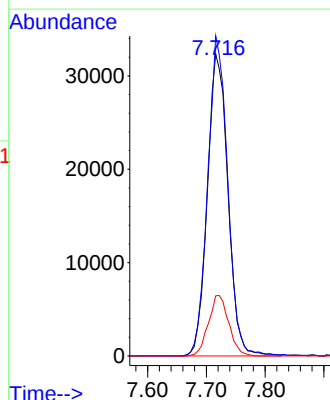
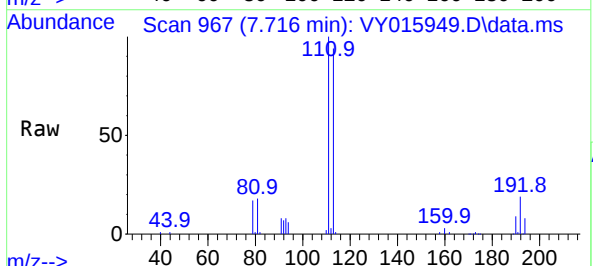
Tgt Ion:113 Resp: 78773

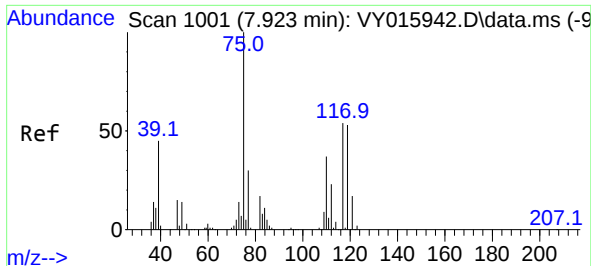
Ion Ratio Lower Upper

113 100

111 103.3 81.3 121.9

192 19.8 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.512 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.134 min

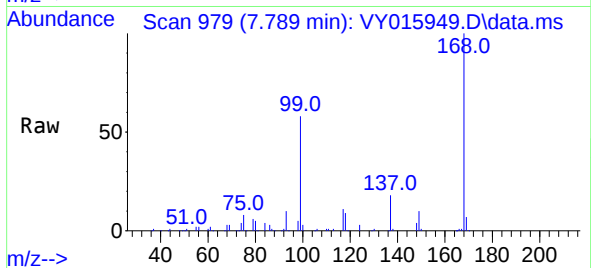
Lab File: VY015949.D

Acq: 13 Oct 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :



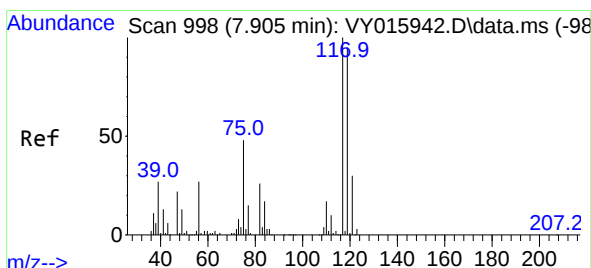
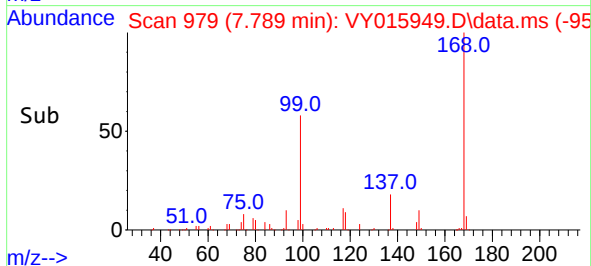
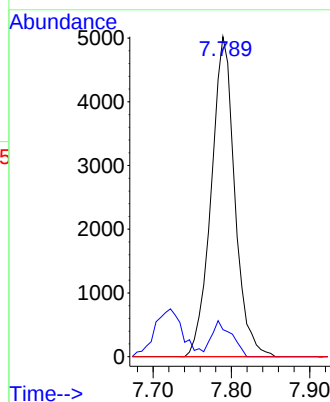
Tgt Ion: 75 Resp: 10495

Ion Ratio Lower Upper

75 100

110 9.4 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.818 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY015949.D

Acq: 13 Oct 2023 11:20

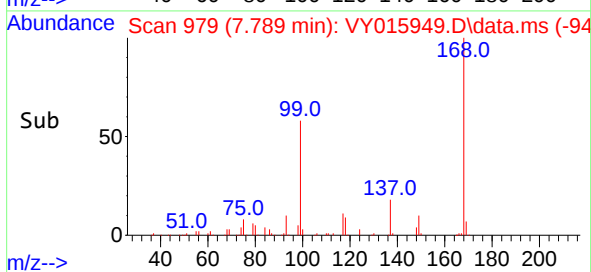
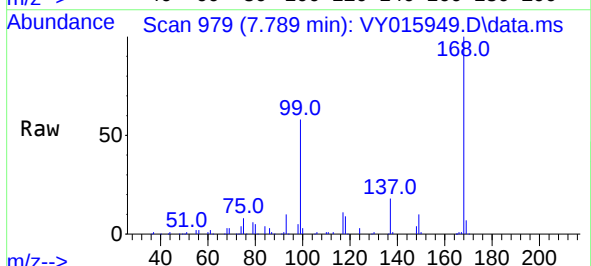
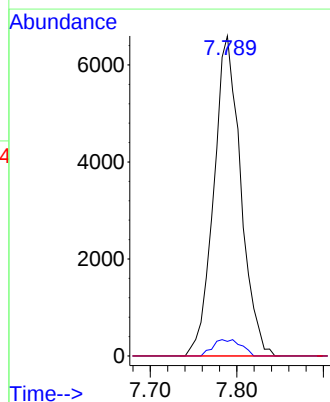
Tgt Ion: 117 Resp: 14252

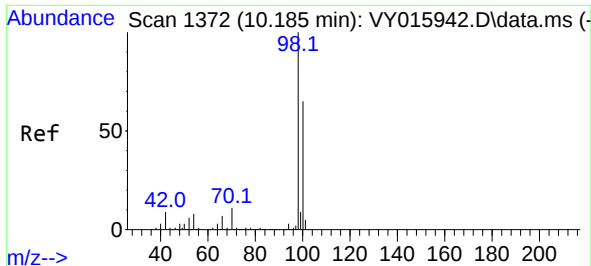
Ion Ratio Lower Upper

117 100

119 4.6 76.4 114.6#

121 0.0 25.8 38.6#

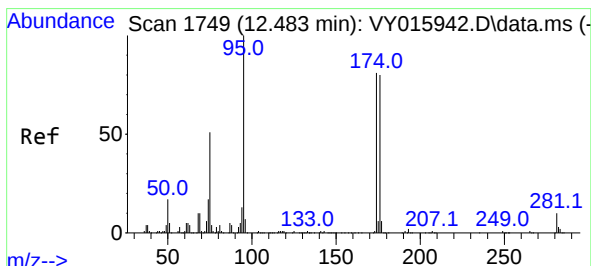
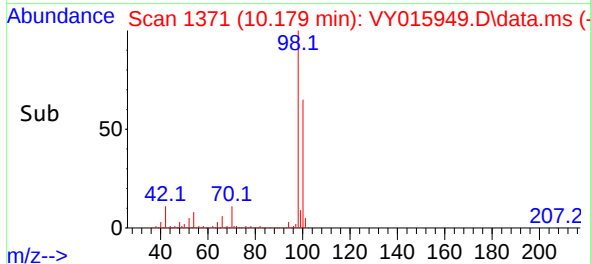
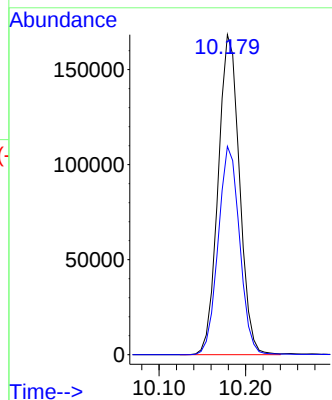
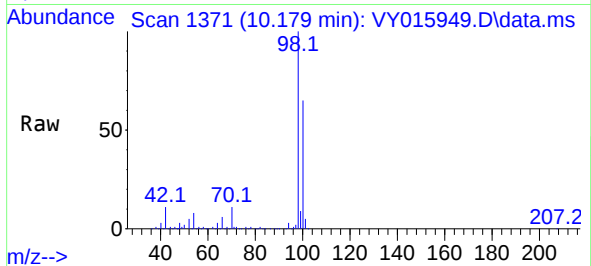




#50
Toluene-d8
Concen: 49.901 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015949.D
Acq: 13 Oct 2023 11:20

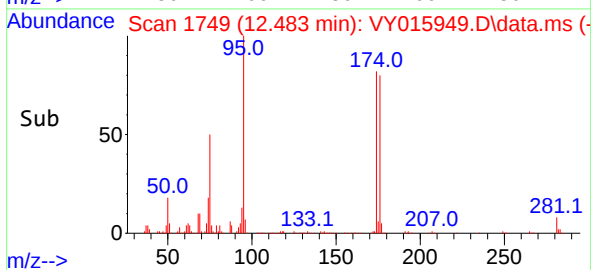
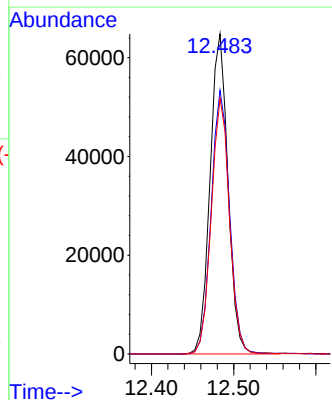
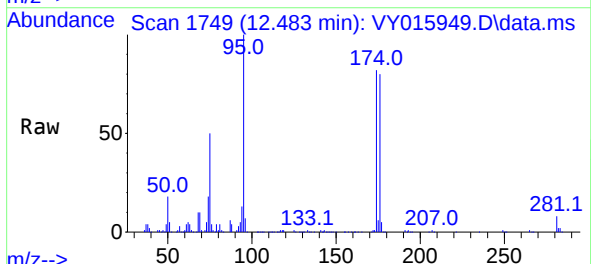
Instrument :
MSVOA_Y
ClientSampleId :

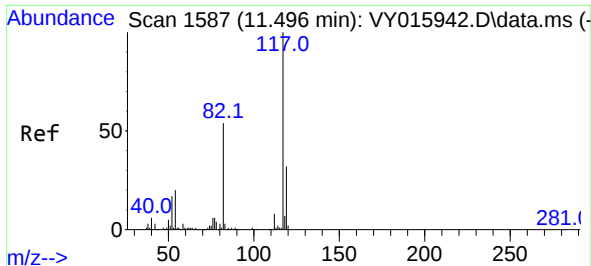
Tgt Ion: 98 Resp: 288105
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.779 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015949.D
Acq: 13 Oct 2023 11:20

Tgt Ion: 95 Resp: 98227
Ion Ratio Lower Upper
95 100
174 84.6 0.0 178.2
176 81.3 0.0 173.8

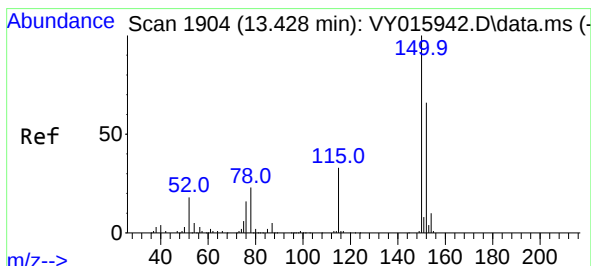
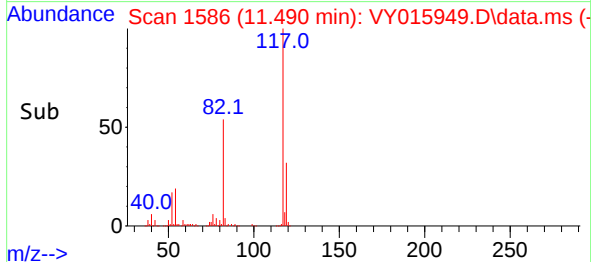
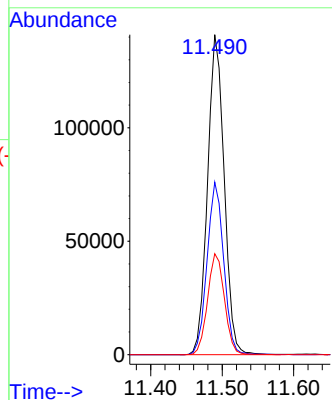
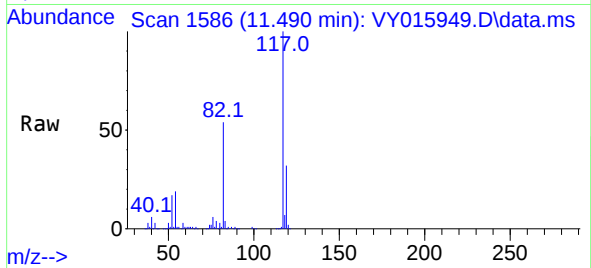




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015949.D
Acq: 13 Oct 2023 11:20

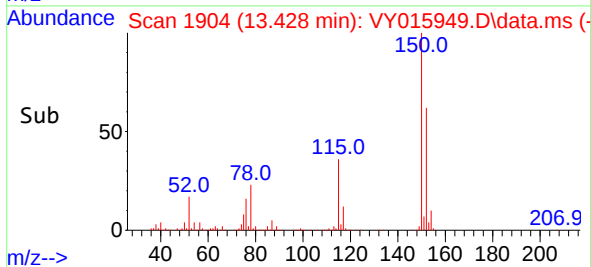
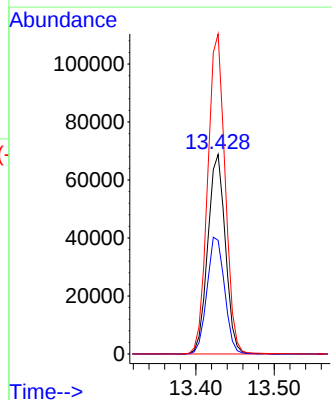
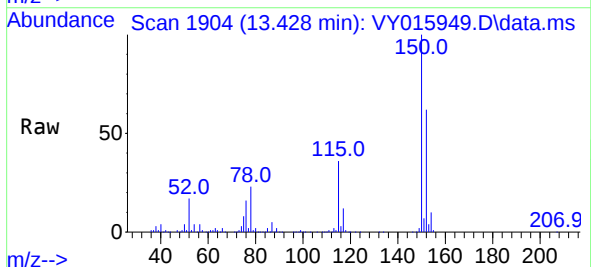
Instrument :
MSVOA_Y
ClientSampleId :

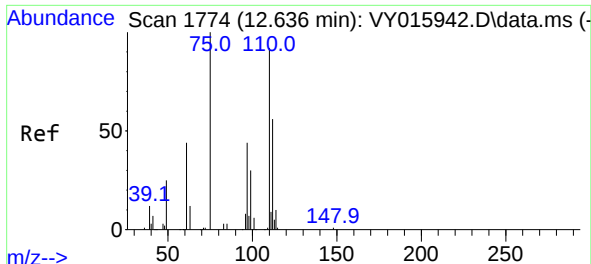
Tgt Ion:117 Resp: 227915
Ion Ratio Lower Upper
117 100
82 53.9 43.4 65.0
119 31.6 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY015949.D
Acq: 13 Oct 2023 11:20

Tgt Ion:152 Resp: 106865
Ion Ratio Lower Upper
152 100
115 58.8 28.8 86.5
150 159.3 0.0 348.8

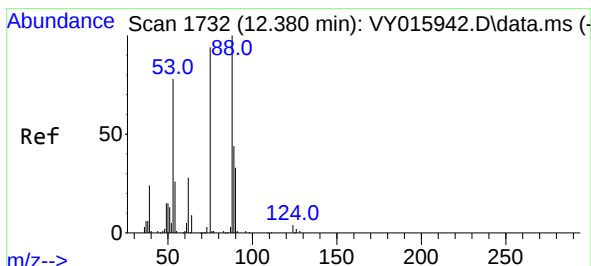
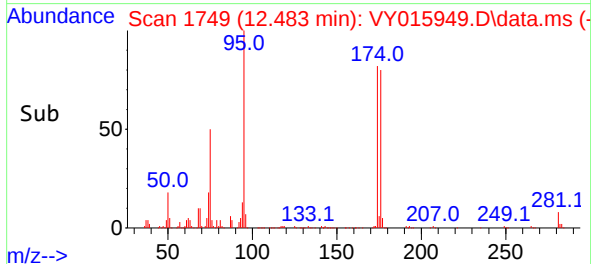
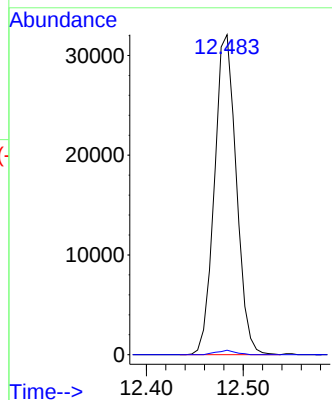
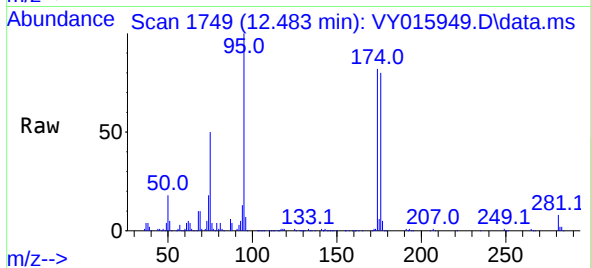




#76
1,2,3-Trichloropropane
Concen: 24.070 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY015949.D
Acq: 13 Oct 2023 11:20

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 50338
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.700 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY015949.D
Acq: 13 Oct 2023 11:20

Tgt Ion: 75 Resp: 50338
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

