

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101323\
 Data File : VY015957.D
 Acq On : 13 Oct 2023 15:07
 Operator : SY/MD
 Sample : 04844-05
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 13 16:08:11 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)

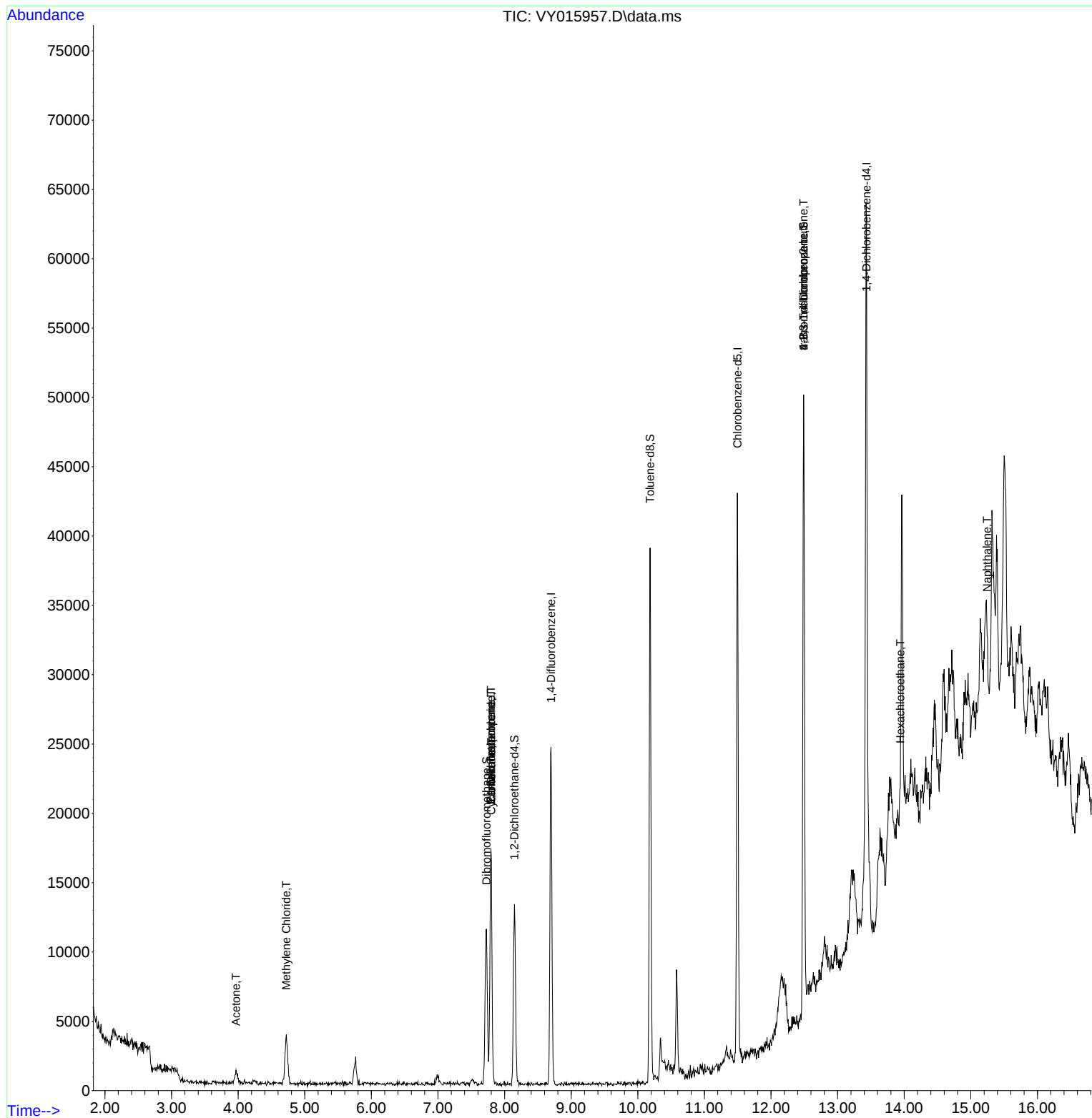
Internal Standards						
1) Pentafluorobenzene	7.795	168	13229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	22385	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	23211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	11846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	10715	70.970	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 141.940%		
35) Dibromofluoromethane	7.728	113	8367	59.372	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 118.740%		
50) Toluene-d8	10.185	98	26156	49.561	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 99.120%		
62) 4-Bromofluorobenzene	12.489	95	10459	55.655	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 111.320%		
Target Compounds						
3) Chloromethane	2.119	50	468	Below Cal	Qvalue #	85
16) Acetone	3.966	43	1613	18.392	ug/l #	47
20) Methylene Chloride	4.722	84	2631	12.606	ug/l #	78
31) Cyclohexane	7.801	56	290	1.207	ug/l #	43
36) 1,1-Dichloropropene	7.795	75	1061	4.990	ug/l #	45
38) Carbon Tetrachloride	7.795	117	1464	6.538	ug/l #	18
76) 1,2,3-Trichloropropane	12.489	75	5429	23.418	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	5429	55.166	ug/l #	10
90) Hexachloroethane	13.940	117	157	1.079	ug/l #	8
95) Naphthalene	15.245	128	1197	1.480	ug/l #	71

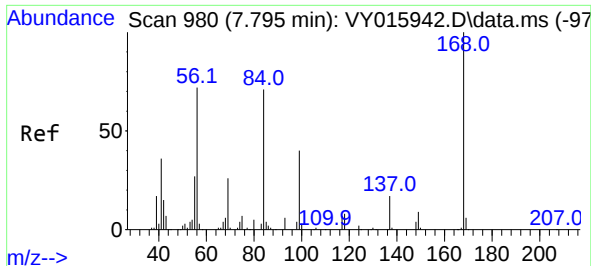
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Oct 13 13:13:02 2023
Response via : Initial Calibration

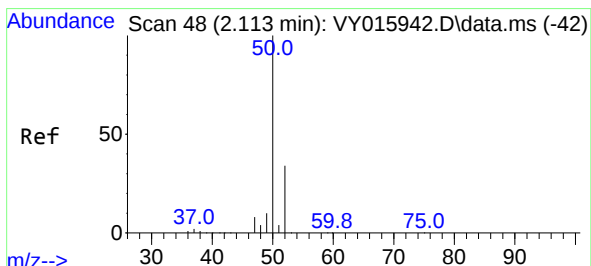
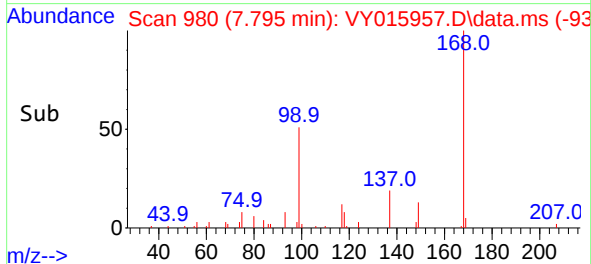
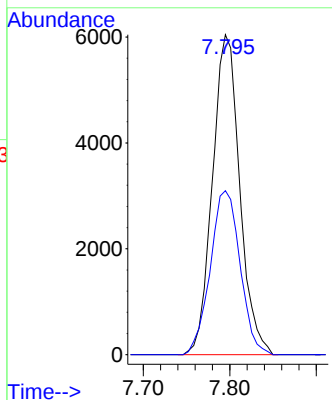
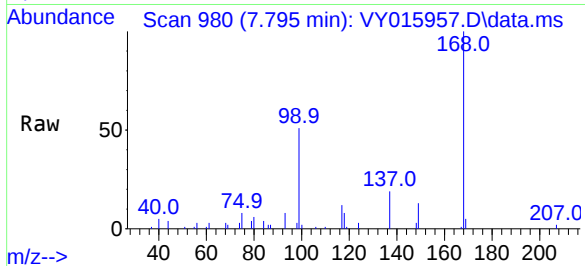




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015957.D
Acq: 13 Oct 2023 15:07

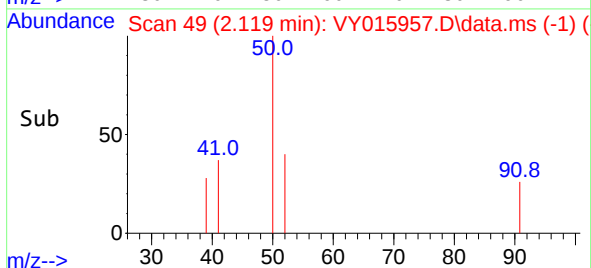
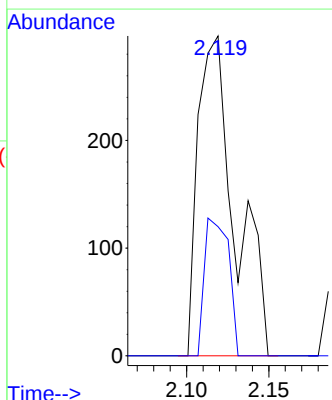
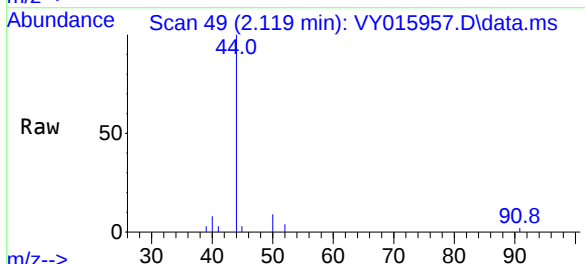
Instrument :
MSVOA_Y
ClientSampleId :

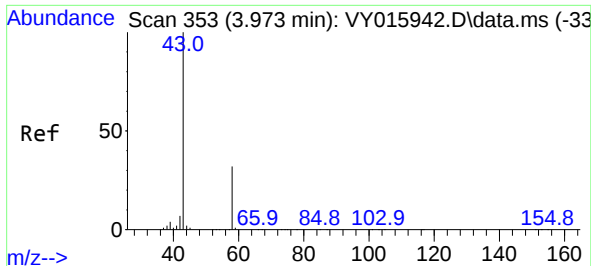
Tgt Ion:168 Resp: 13229
Ion Ratio Lower Upper
168 100
99 51.3 43.4 65.0



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY015957.D
Acq: 13 Oct 2023 15:07

Tgt Ion: 50 Resp: 468
Ion Ratio Lower Upper
50 100
52 40.4 25.4 38.2#

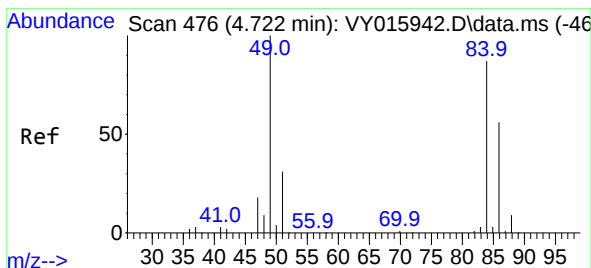
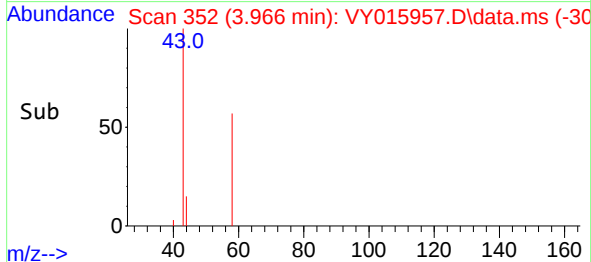
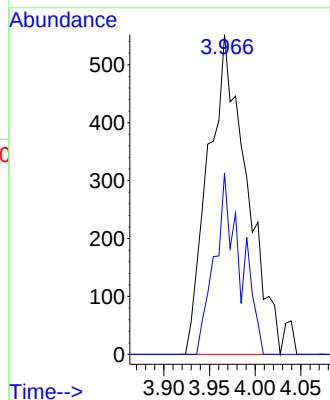
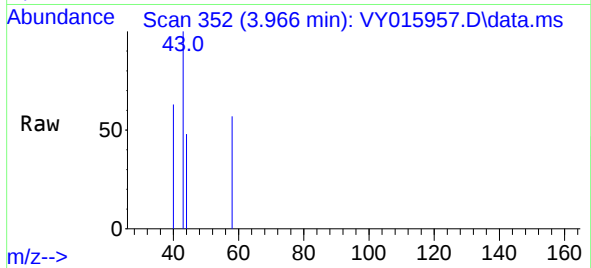




#16
Acetone
Concen: 18.392 ug/l
RT: 3.966 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY015957.D
Acq: 13 Oct 2023 15:07

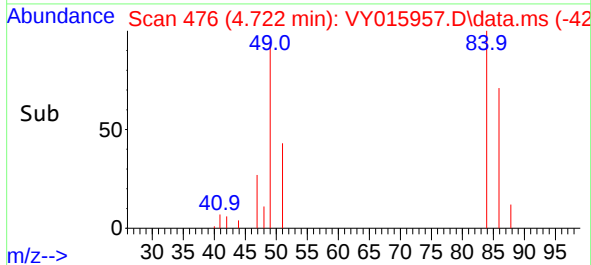
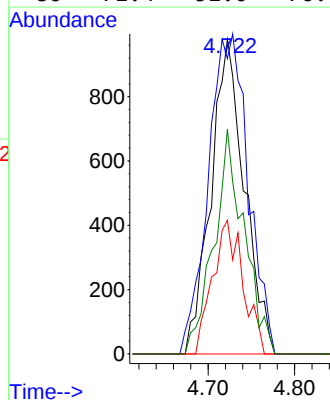
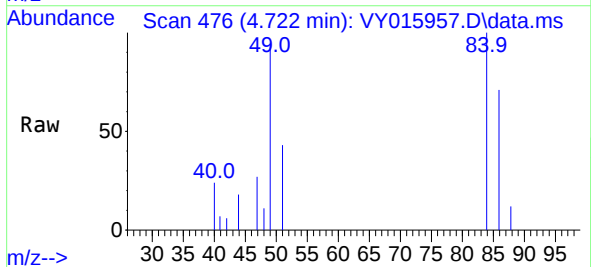
Instrument :
MSVOA_Y
ClientSampleId :

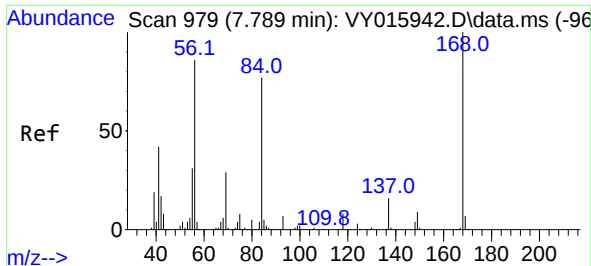
Tgt Ion: 43 Resp: 1613
Ion Ratio Lower Upper
43 100
58 56.7 22.7 34.1#



#20
Methylene Chloride
Concen: 12.606 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY015957.D
Acq: 13 Oct 2023 15:07

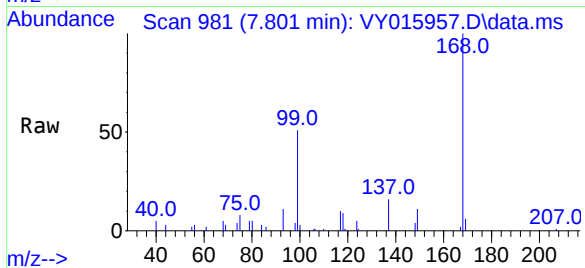
Tgt Ion: 84 Resp: 2631
Ion Ratio Lower Upper
84 100
49 94.0 106.9 160.3#
51 42.5 33.2 49.8
86 71.4 51.0 76.6



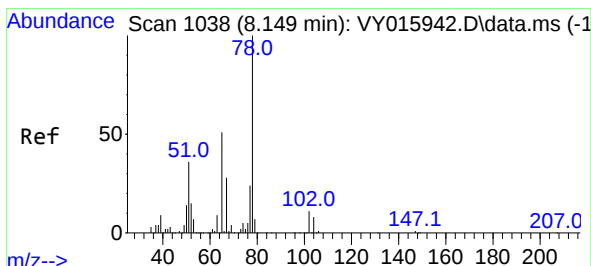
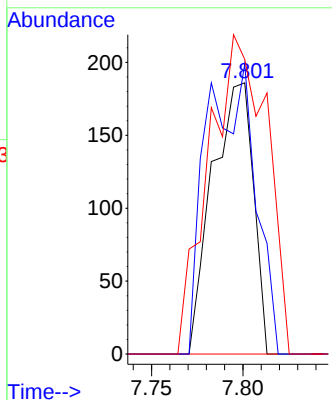
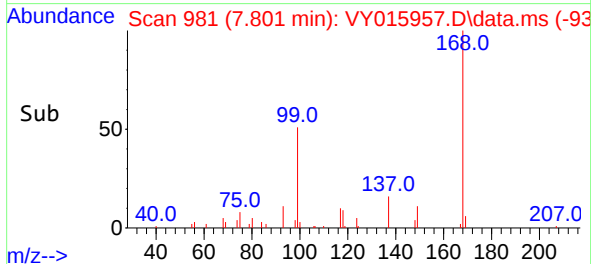


#31
Cyclohexane
Concen: 1.207 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY015957.D
Acq: 13 Oct 2023 15:07

Instrument :
MSVOA_Y
ClientSampleId :

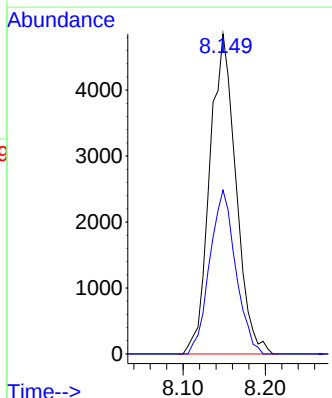
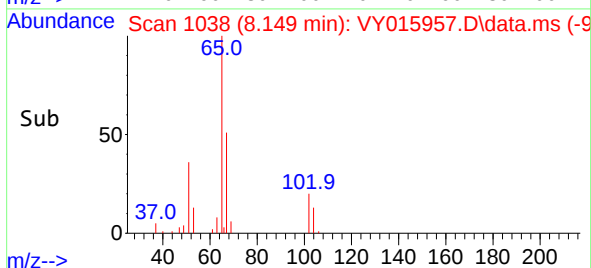
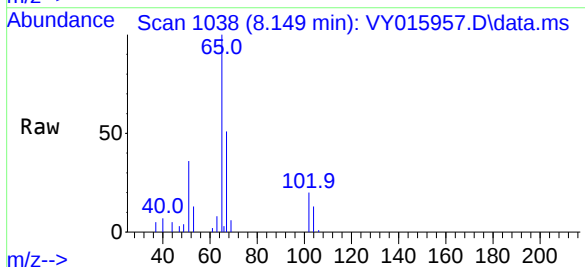


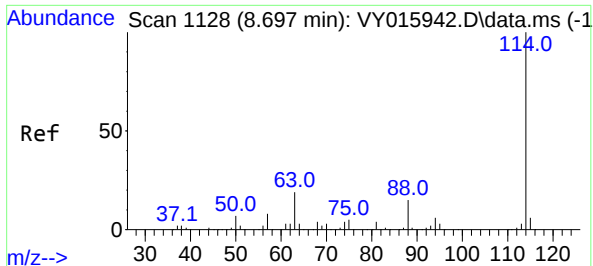
Tgt Ion: 56 Resp: 290
Ion Ratio Lower Upper
56 100
69 107.0 27.8 41.6#
84 108.6 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 70.970 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY015957.D
Acq: 13 Oct 2023 15:07

Tgt Ion: 65 Resp: 10715
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.8

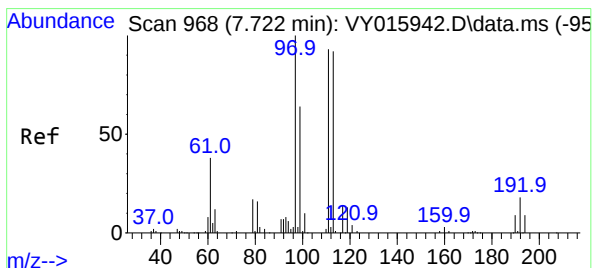
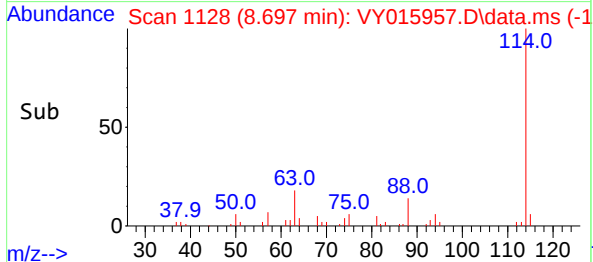
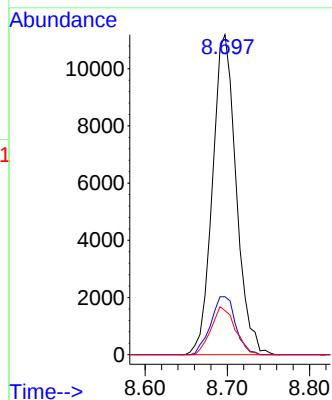
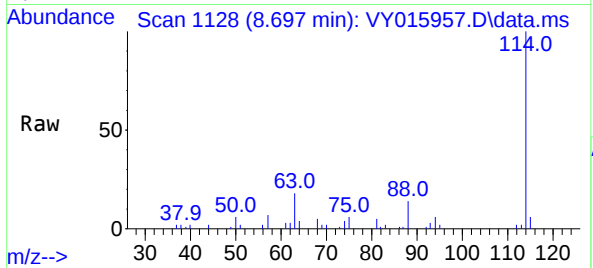




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY015957.D
Acq: 13 Oct 2023 15:07

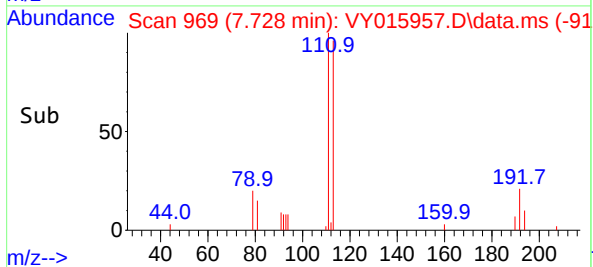
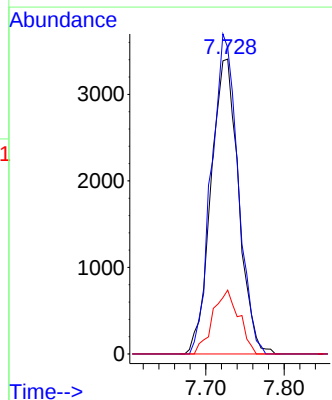
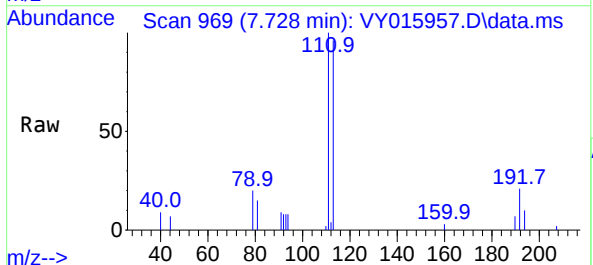
Instrument :
MSVOA_Y
ClientSampleId :

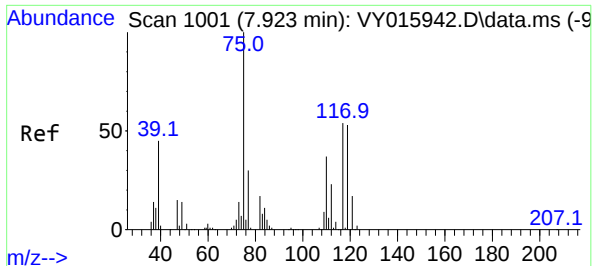
Tgt Ion:114	Resp:	22385
Ion Ratio	Lower	Upper
114	100	
63	18.1	0.0 42.4
88	13.8	0.0 30.6



#35
Dibromofluoromethane
Concen: 59.372 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY015957.D
Acq: 13 Oct 2023 15:07

Tgt Ion:113	Resp:	8367
Ion Ratio	Lower	Upper
113	100	
111	104.1	81.3 121.9
192	20.5	16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.990 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

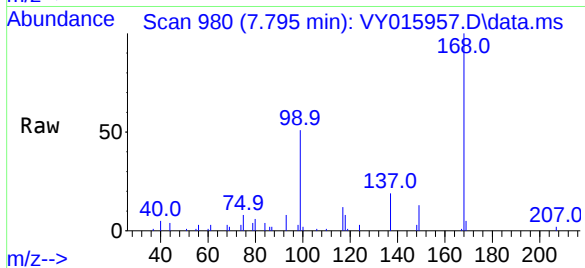
Lab File: VY015957.D

Acq: 13 Oct 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :



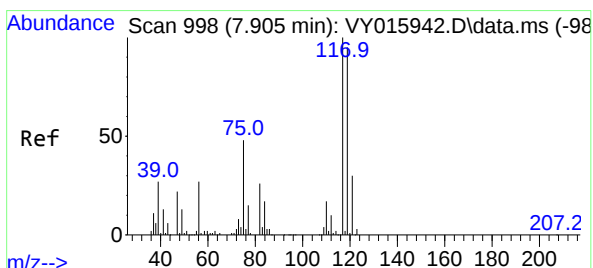
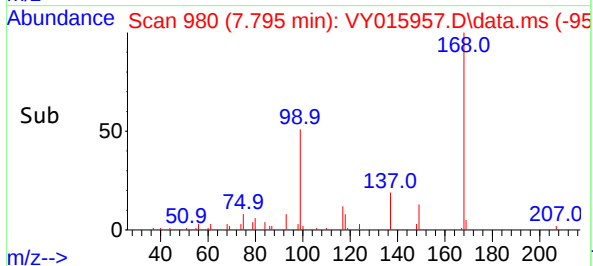
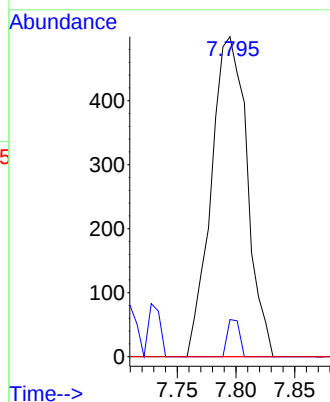
Tgt Ion: 75 Resp: 1061

Ion Ratio Lower Upper

75 100

110 4.0 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.538 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY015957.D

Acq: 13 Oct 2023 15:07

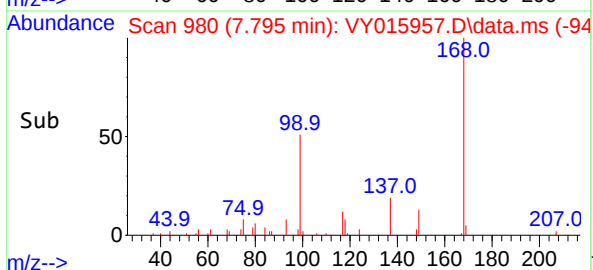
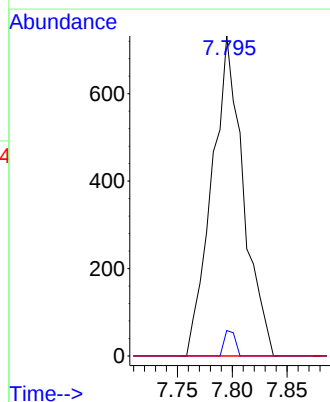
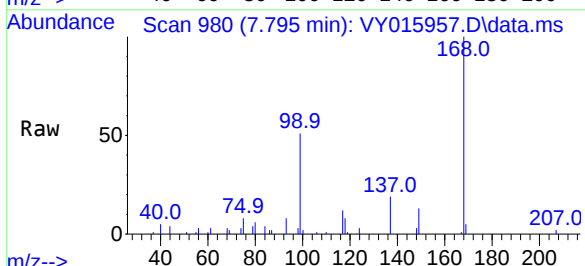
Tgt Ion: 117 Resp: 1464

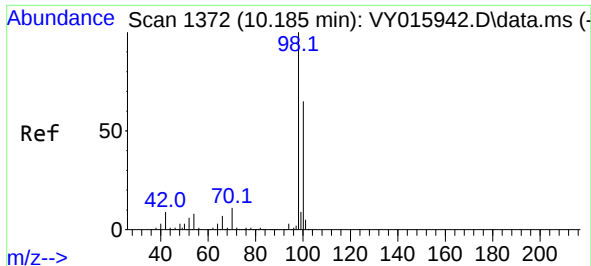
Ion Ratio Lower Upper

117 100

119 7.9 76.4 114.6#

121 0.0 25.8 38.6#

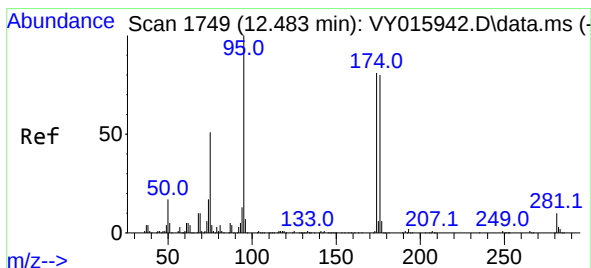
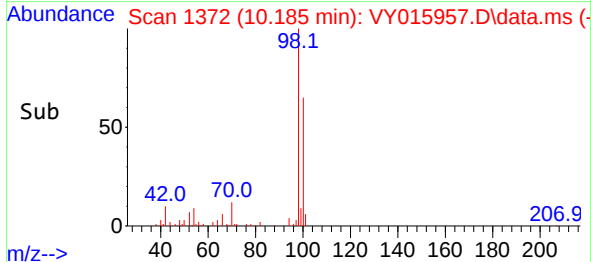
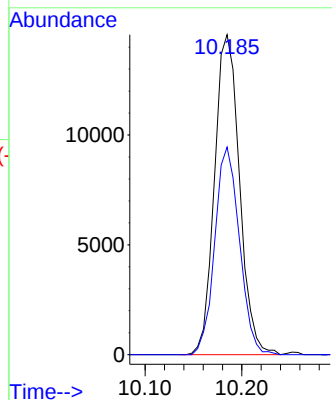
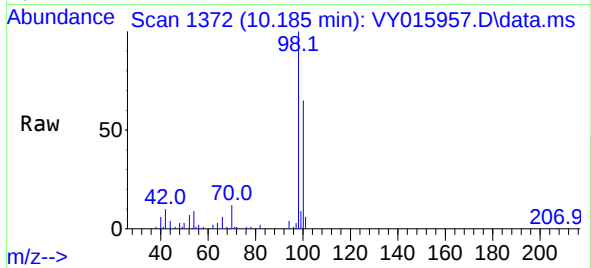




#50
Toluene-d8
Concen: 49.561 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015957.D
Acq: 13 Oct 2023 15:07

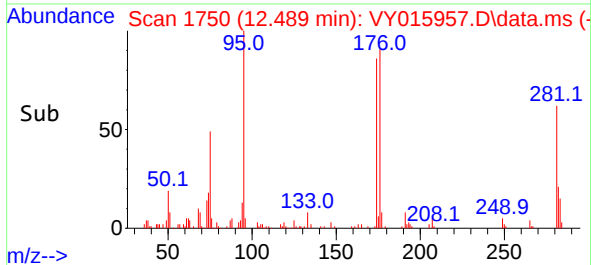
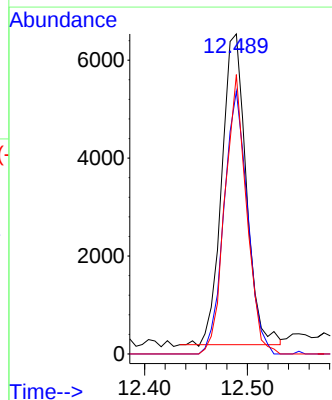
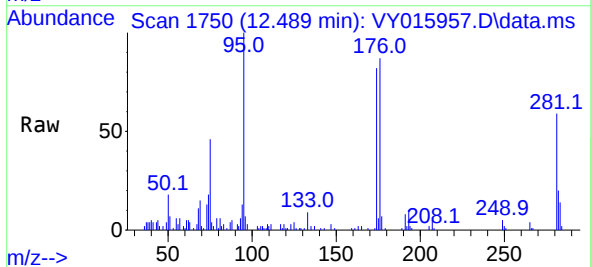
Instrument :
MSVOA_Y
ClientSampleId :

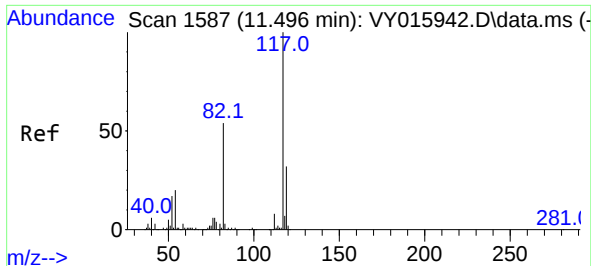
Tgt Ion: 98 Resp: 26156
Ion Ratio Lower Upper
98 100
100 63.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 55.655 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY015957.D
Acq: 13 Oct 2023 15:07

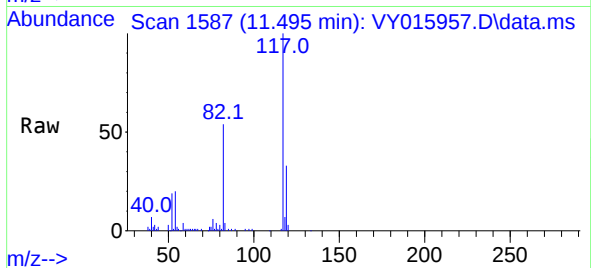
Tgt Ion: 95 Resp: 10459
Ion Ratio Lower Upper
95 100
174 81.8 0.0 178.2
176 79.6 0.0 173.8



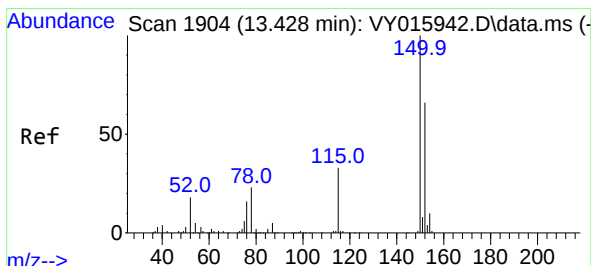
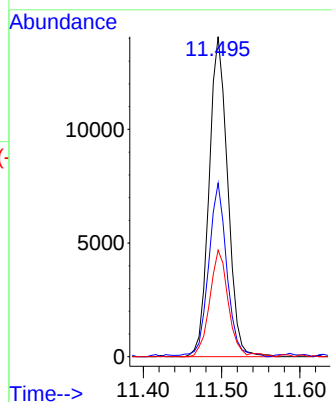
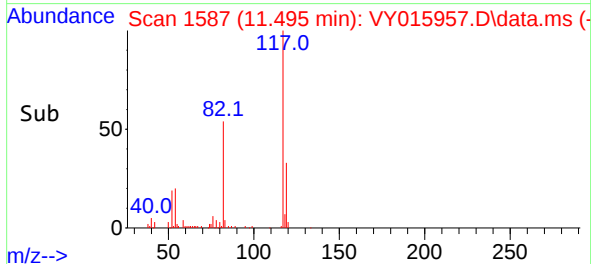


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015957.D
Acq: 13 Oct 2023 15:07

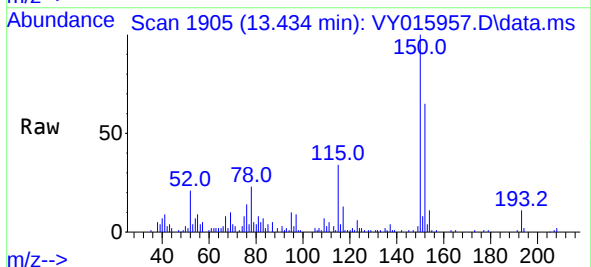
Instrument :
MSVOA_Y
ClientSampleId :



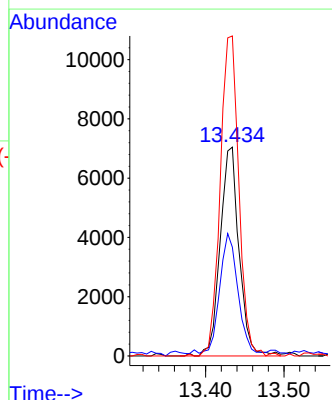
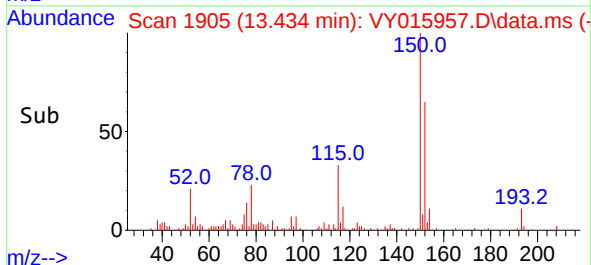
Tgt Ion:	117	Resp:	23211
Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.4	65.0
119	33.3	26.3	39.5

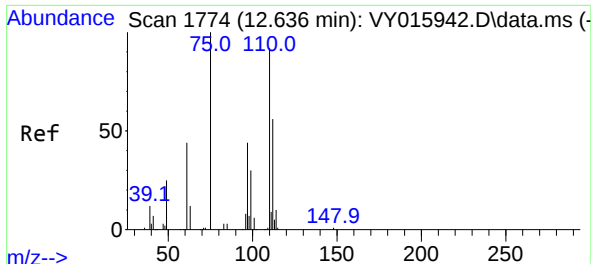


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY015957.D
Acq: 13 Oct 2023 15:07



Tgt Ion:	152	Resp:	11846
Ion	Ratio	Lower	Upper
152	100		
115	55.1	28.8	86.5
150	151.0	0.0	348.8

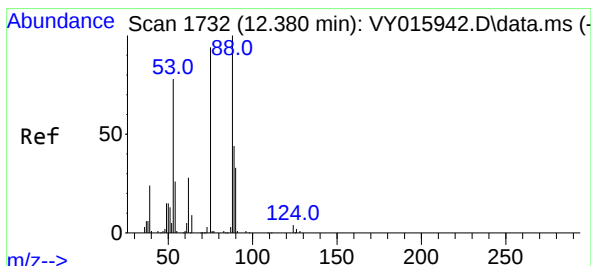
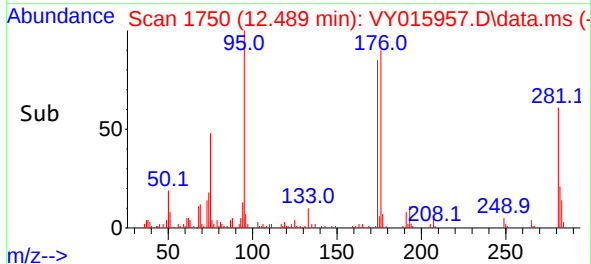
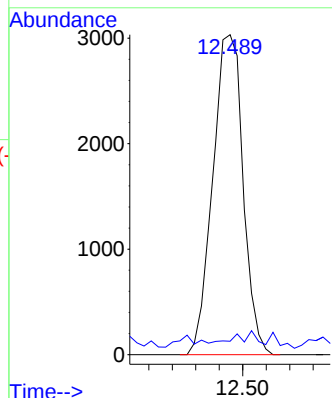
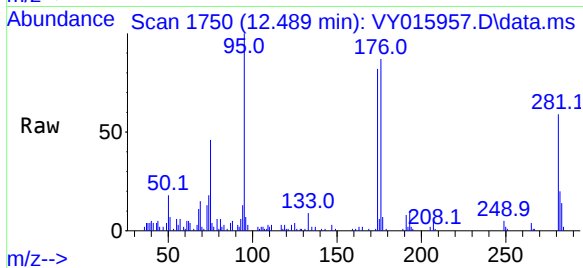




#76
1,2,3-Trichloropropane
Concen: 23.418 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY015957.D
Acq: 13 Oct 2023 15:07

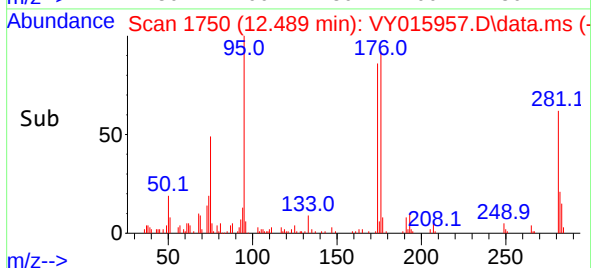
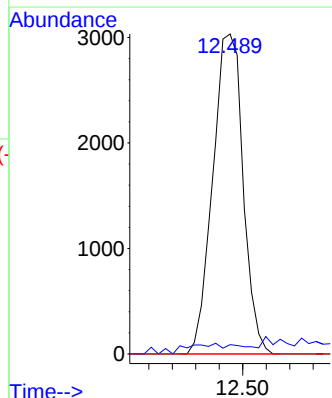
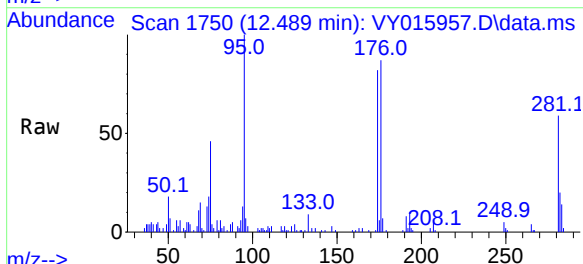
Instrument :
MSVOA_Y
ClientSampleId :

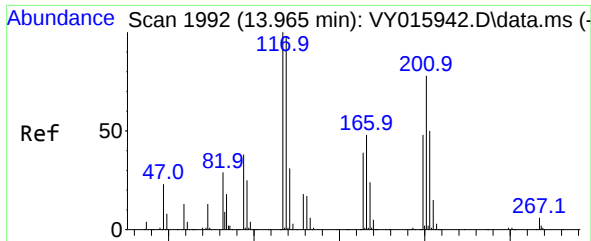
Tgt Ion: 75 Resp: 5429
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.166 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.110 min
Lab File: VY015957.D
Acq: 13 Oct 2023 15:07

Tgt Ion: 75 Resp: 5429
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

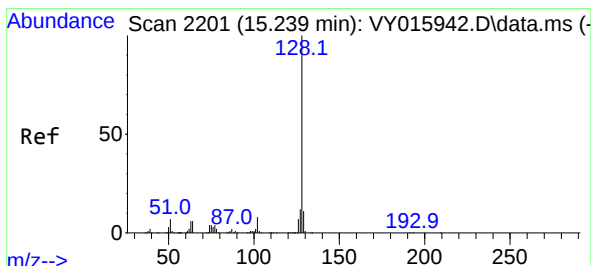
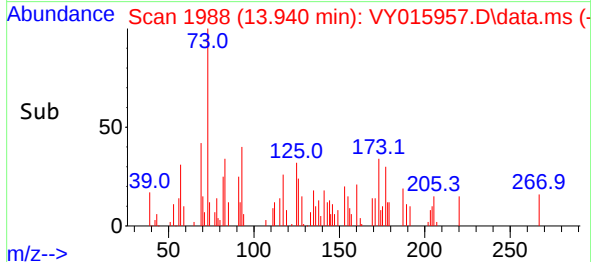
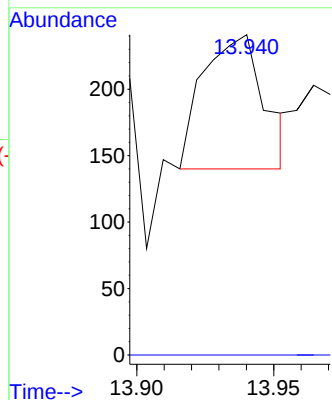
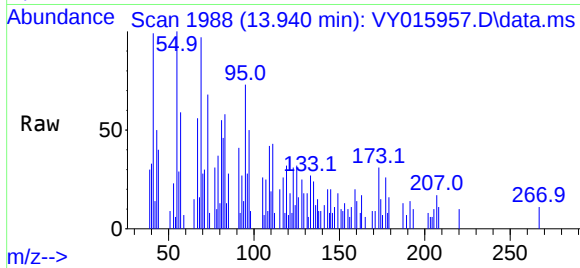




#90
Hexachloroethane
Concen: 1.079 ug/l
RT: 13.940 min Scan# 1992
Delta R.T. -0.024 min
Lab File: VY015957.D
Acq: 13 Oct 2023 15:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 157
Ion Ratio Lower Upper
117 100
201 0.0 41.6 124.8#



#95
Naphthalene
Concen: 1.480 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY015957.D
Acq: 13 Oct 2023 15:07

Tgt Ion:128 Resp: 1197
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 19.5 8.6 13.0#

