

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062625\
 Data File : VY022844.D
 Acq On : 26 Jun 2025 12:56
 Operator : SY/MD
 Sample : Q2413-01
 Misc : 6.55g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-35

Quant Time: Jun 27 01:27:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

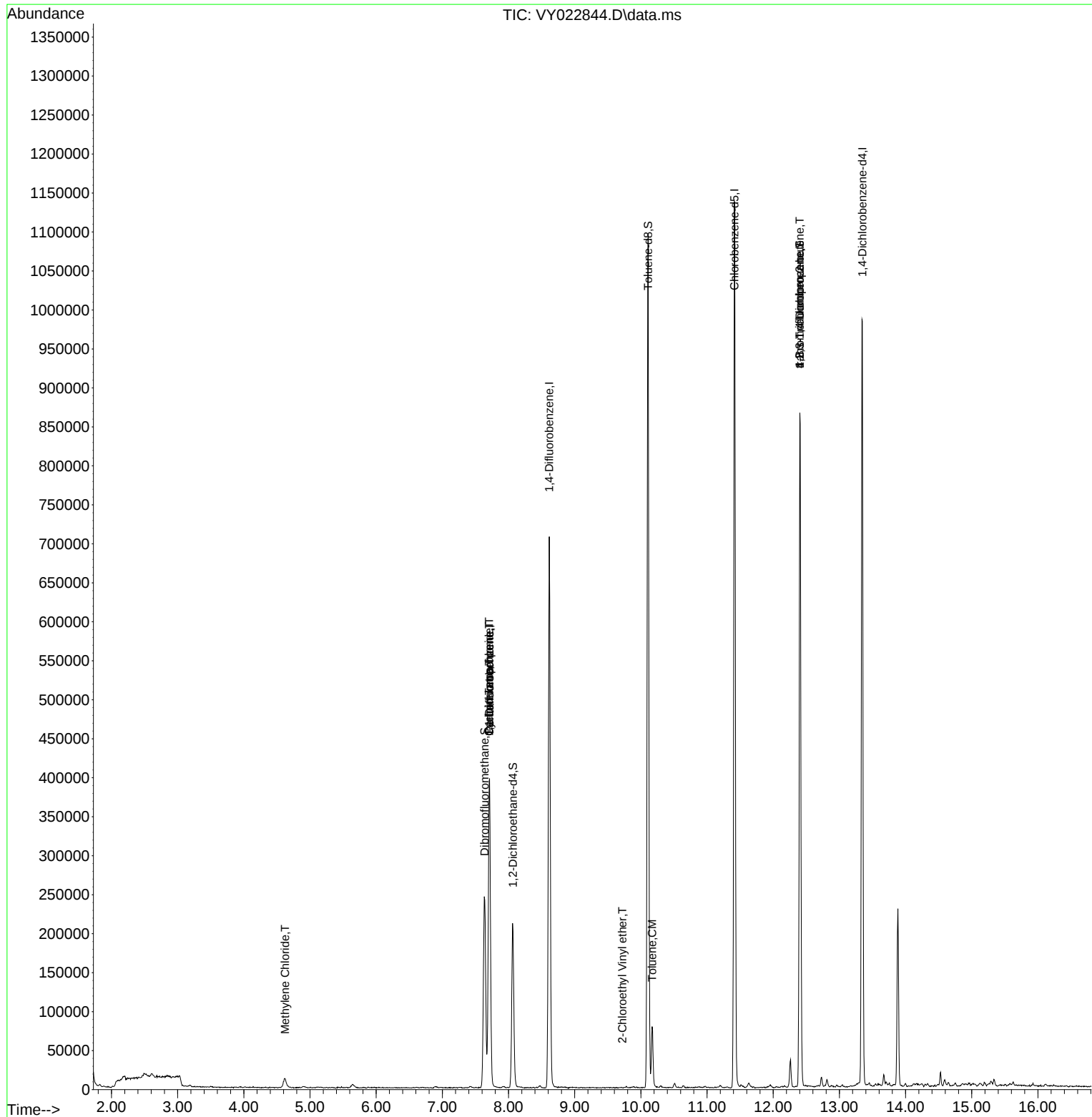
Internal Standards						
1) Pentafluorobenzene	7.713	168	306589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	584214	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	574106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	247141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	162099	47.372	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.740%
35) Dibromofluoromethane	7.640	113	179265	50.456	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.920%
50) Toluene-d8	10.109	98	708810	50.276	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.560%
62) 4-Bromofluorobenzene	12.401	95	248839	54.905	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	109.800%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.622	84	8625	2.112	ug/l	86
31) Cyclohexane	7.707	56	7288	1.240	ug/l #	14
36) 1,1-Dichloropropene	7.707	75	26377	4.898	ug/l #	49
38) Carbon Tetrachloride	7.707	117	31847	5.605	ug/l #	17
52) Toluene	10.170	92	30801	2.949	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	93	15.698	ug/l #	48
76) 1,2,3-Trichloropropane	12.401	75	142021	56.288	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	142021	142.206	ug/l #	10

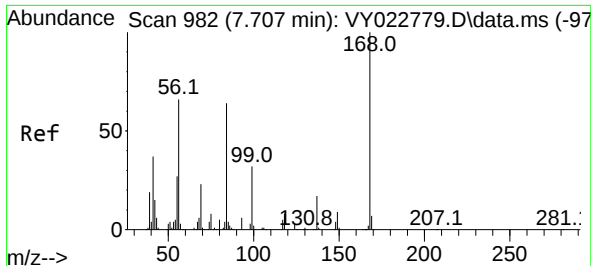
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062625\
Data File : VY022844.D
Acq On : 26 Jun 2025 12:56
Operator : SY/MD
Sample : Q2413-01
Misc : 6.55g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-35

Quant Time: Jun 27 01:27:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

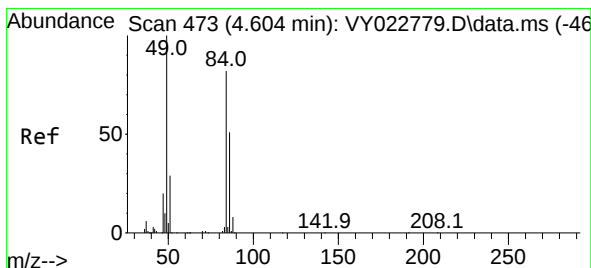
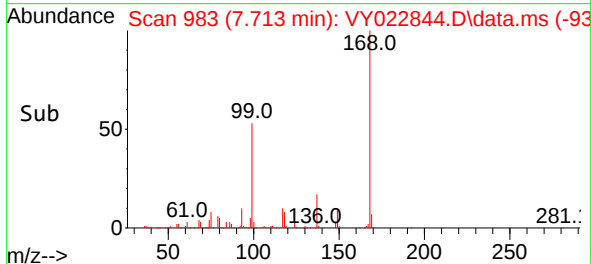
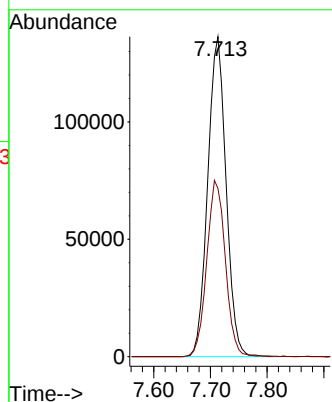
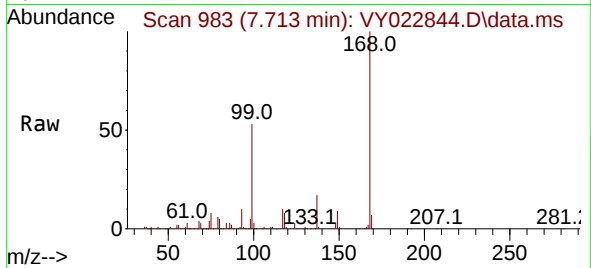




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022844.D
Acq: 26 Jun 2025 12:56

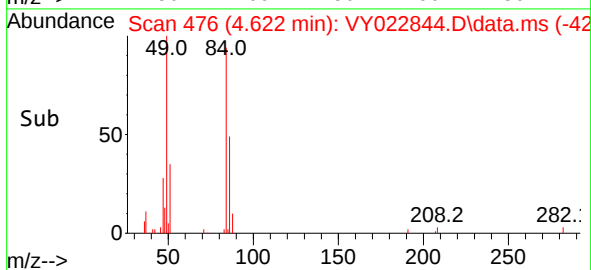
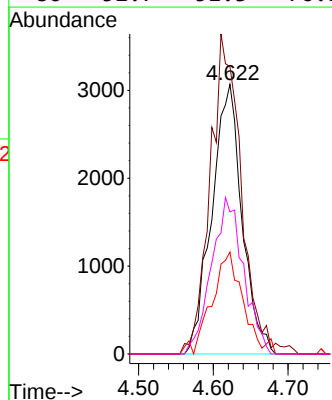
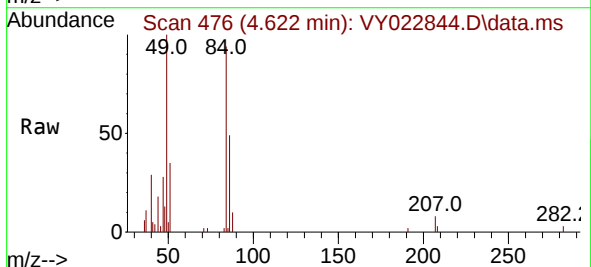
Instrument :
MSVOA_Y
ClientSampleId :
TP-35

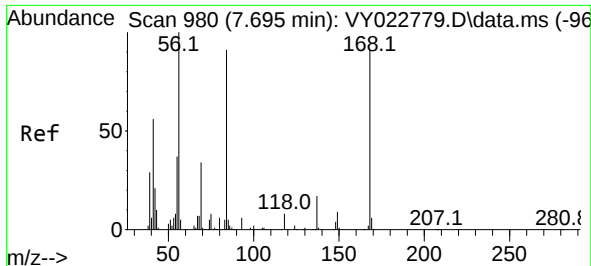
Tgt Ion:168 Resp: 306589
Ion Ratio Lower Upper
168 100
99 52.6 44.3 66.5



#20
Methylene Chloride
Concen: 2.112 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY022844.D
Acq: 26 Jun 2025 12:56

Tgt Ion: 84 Resp: 8625
Ion Ratio Lower Upper
84 100
49 106.6 101.9 152.9
51 37.8 29.8 44.8
86 52.7 51.3 76.9

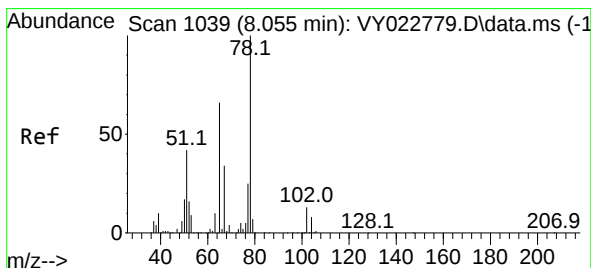
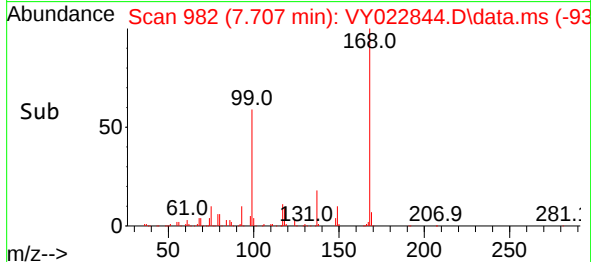
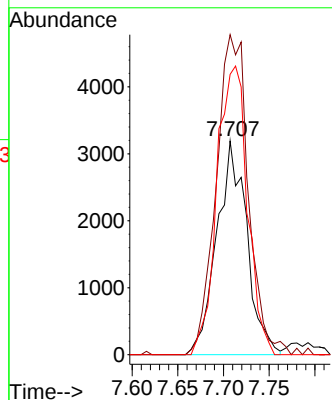
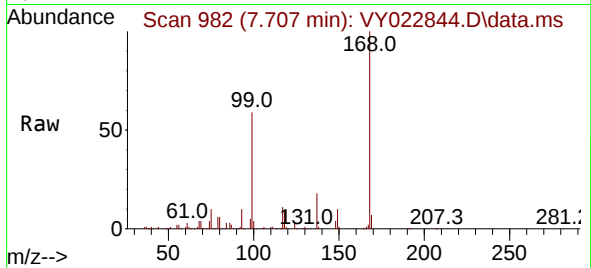




#31
Cyclohexane
Concen: 1.240 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022844.D
Acq: 26 Jun 2025 12:56

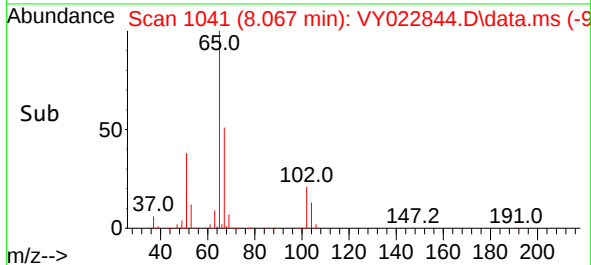
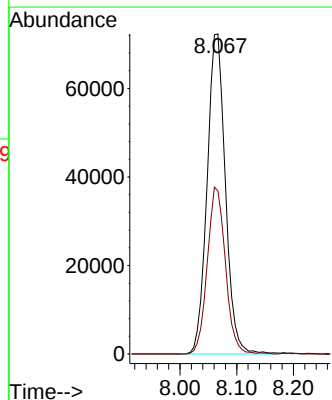
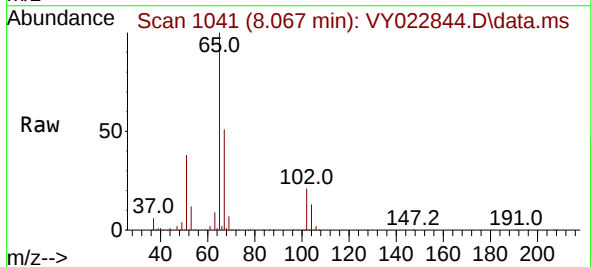
Instrument :
MSVOA_Y
ClientSampleId :
TP-35

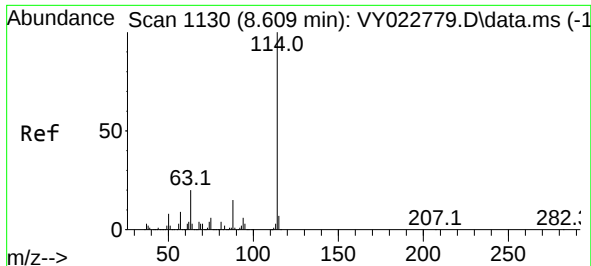
Tgt Ion: 56 Resp: 7288
Ion Ratio Lower Upper
56 100
69 149.7 27.0 40.6#
84 131.1 72.6 109.0#



#33
1,2-Dichloroethane-d4
Concen: 47.372 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY022844.D
Acq: 26 Jun 2025 12:56

Tgt Ion: 65 Resp: 162099
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.4

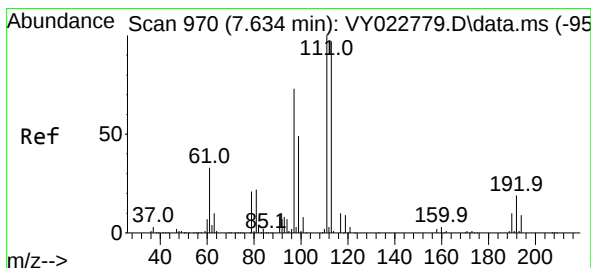
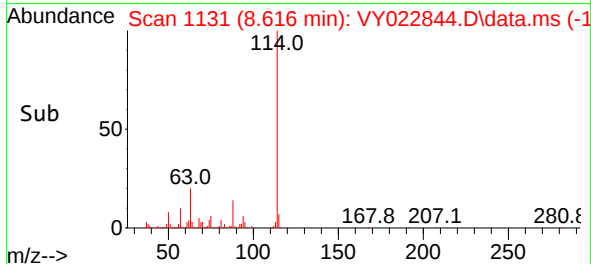
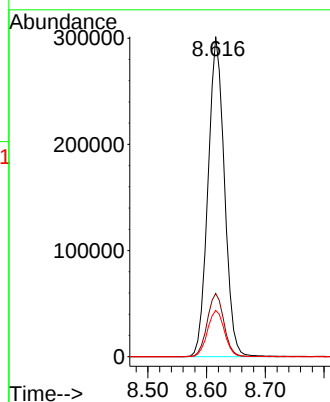
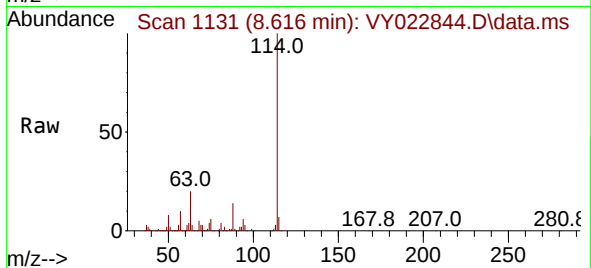




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022844.D
Acq: 26 Jun 2025 12:56

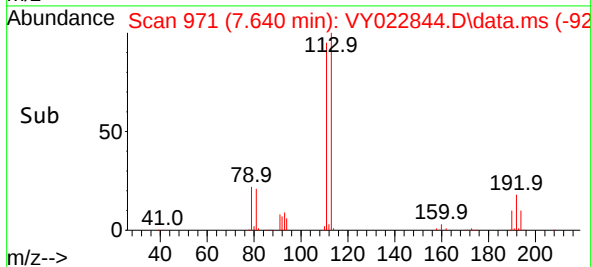
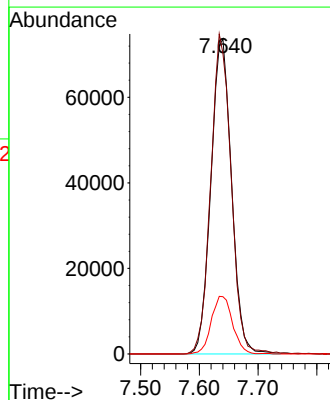
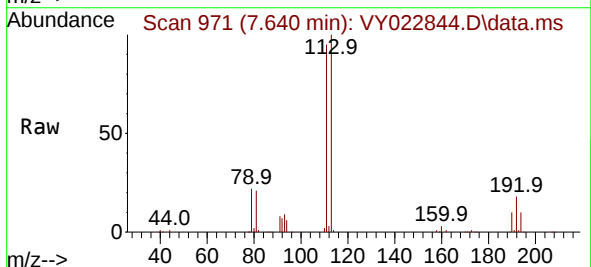
Instrument :
MSVOA_Y
ClientSampleId :
TP-35

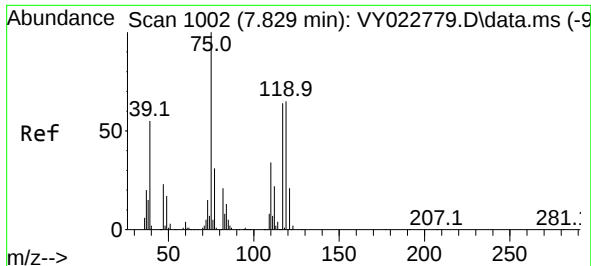
Tgt Ion:114 Resp: 584214
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.8
88 14.5 0.0 27.8



#35
Dibromofluoromethane
Concen: 50.456 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY022844.D
Acq: 26 Jun 2025 12:56

Tgt Ion:113 Resp: 179265
Ion Ratio Lower Upper
113 100
111 100.4 81.1 121.7
192 18.8 14.2 21.2





#36

1,1-Dichloropropene

Concen: 4.898 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.134 min

Lab File: VY022844.D

Acq: 26 Jun 2025 12:56

Instrument :

MSVOA_Y

ClientSampleId :

TP-35

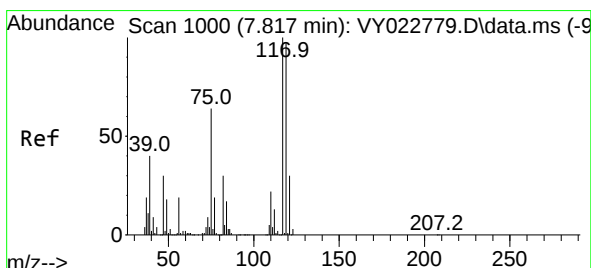
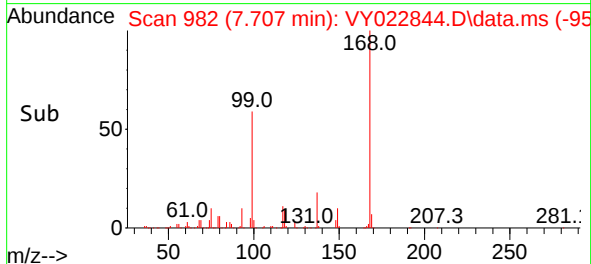
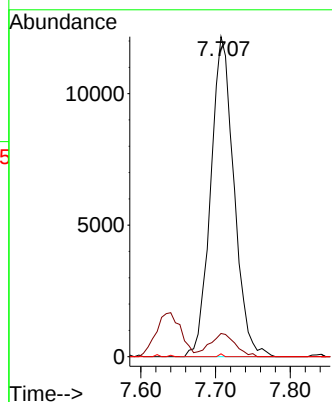
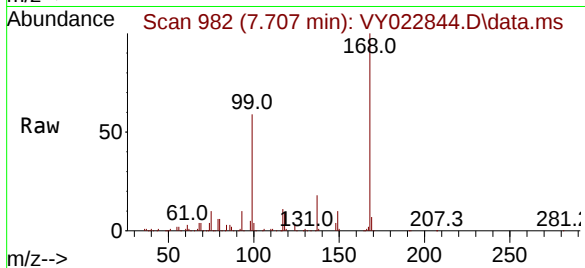
Tgt Ion: 75 Resp: 26377

Ion Ratio Lower Upper

75 100

110 7.7 16.9 50.7#

77 0.1 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.605 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.116 min

Lab File: VY022844.D

Acq: 26 Jun 2025 12:56

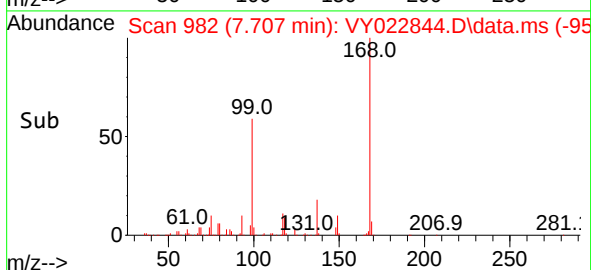
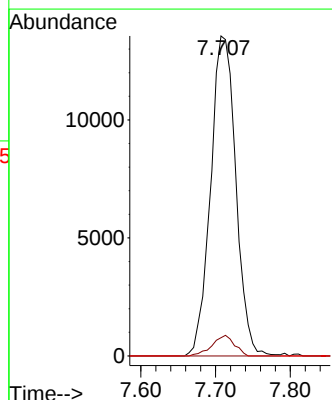
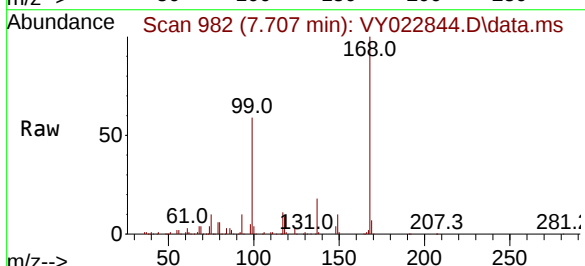
Tgt Ion: 117 Resp: 31847

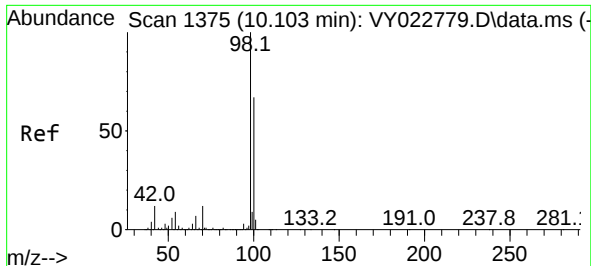
Ion Ratio Lower Upper

117 100

119 5.7 75.0 112.6#

121 0.0 25.0 37.4#

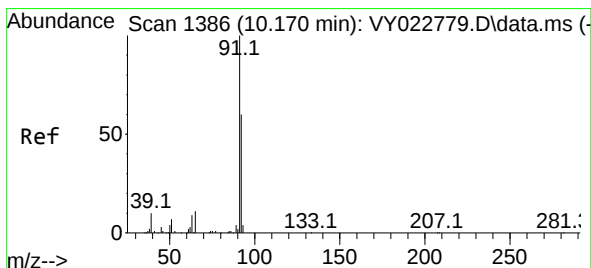
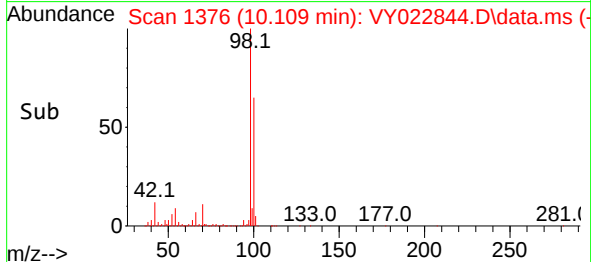
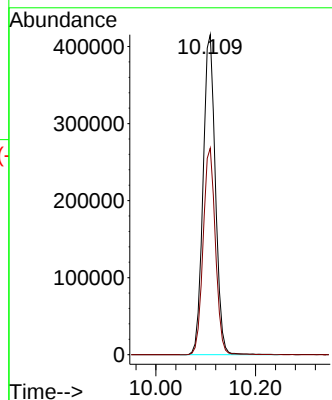
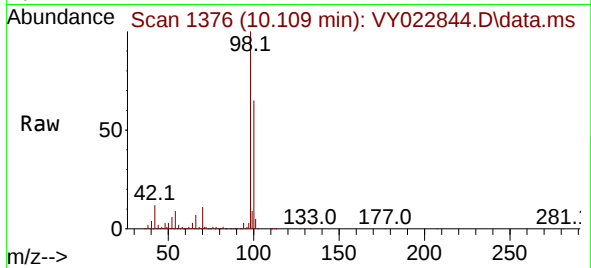




#50
Toluene-d8
Concen: 50.276 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY022844.D
Acq: 26 Jun 2025 12:56

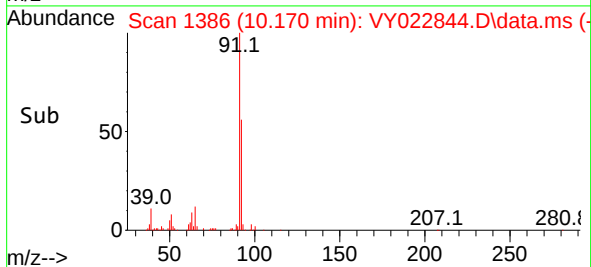
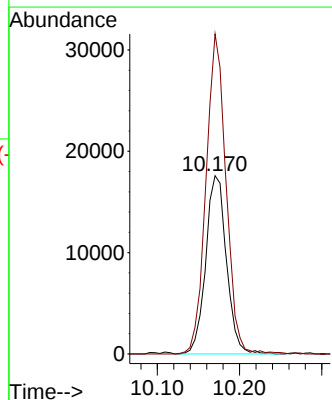
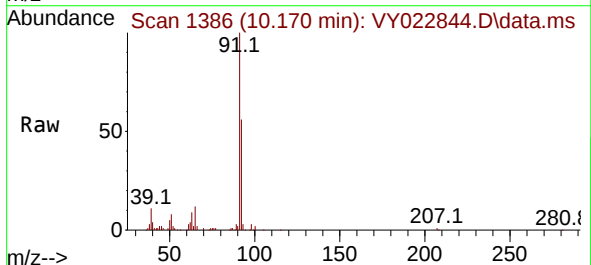
Instrument :
MSVOA_Y
ClientSampleId :
TP-35

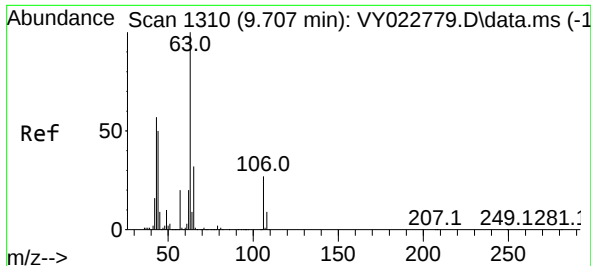
Tgt Ion: 98 Resp: 708810
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0



#52
Toluene
Concen: 2.949 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022844.D
Acq: 26 Jun 2025 12:56

Tgt Ion: 92 Resp: 30801
Ion Ratio Lower Upper
92 100
91 173.5 139.0 208.4

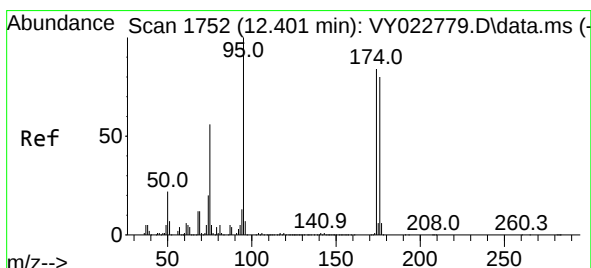
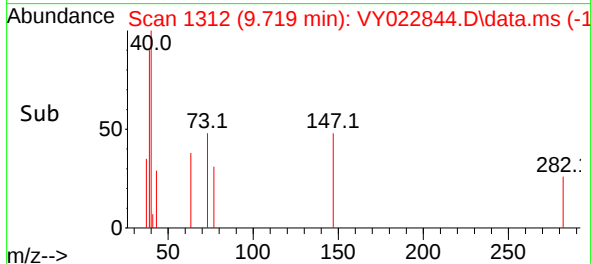
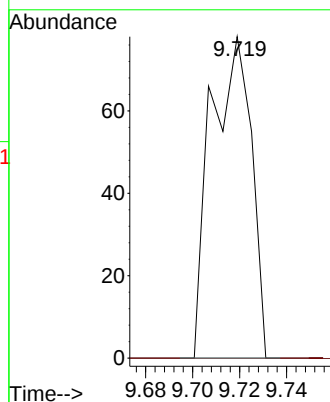
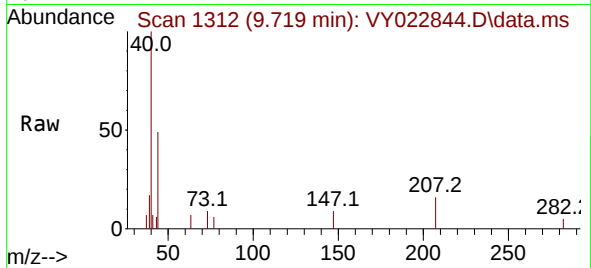




#58
2-Chloroethyl Vinyl ether
Concen: 15.698 ug/l
RT: 9.719 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY022844.D
Acq: 26 Jun 2025 12:56

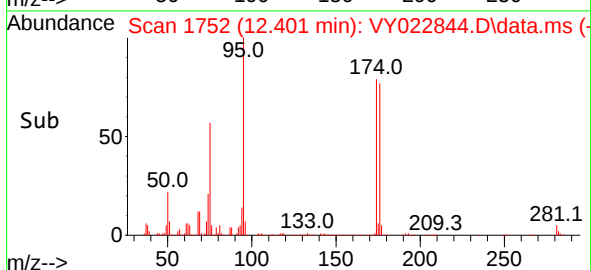
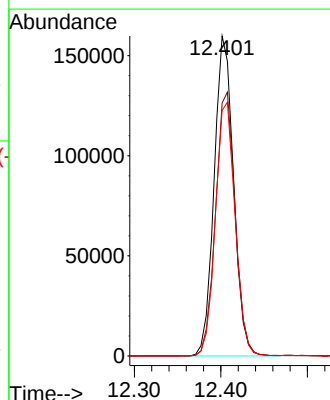
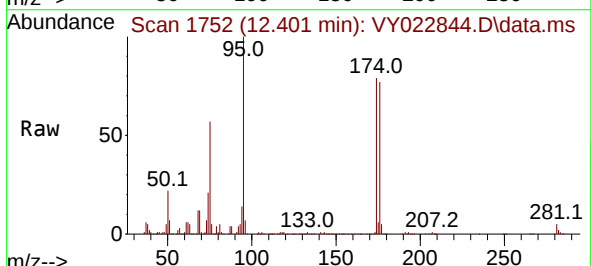
Instrument :
MSVOA_Y
ClientSampleId :
TP-35

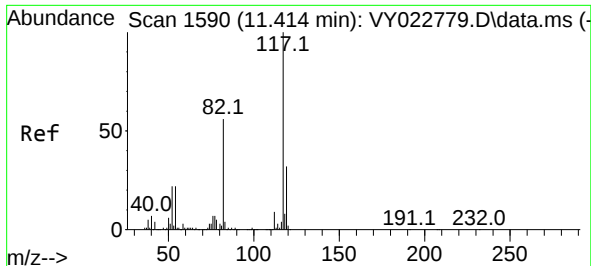
Tgt Ion: 63 Resp: 93
Ion Ratio Lower Upper
63 100
106 0.0 21.6 32.4#



#62
4-Bromofluorobenzene
Concen: 54.905 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022844.D
Acq: 26 Jun 2025 12:56

Tgt Ion: 95 Resp: 248839
Ion Ratio Lower Upper
95 100
174 83.7 0.0 170.0
176 80.3 0.0 166.2

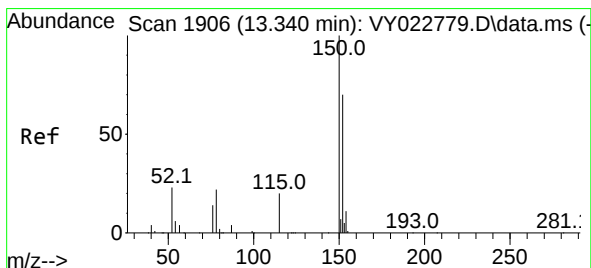
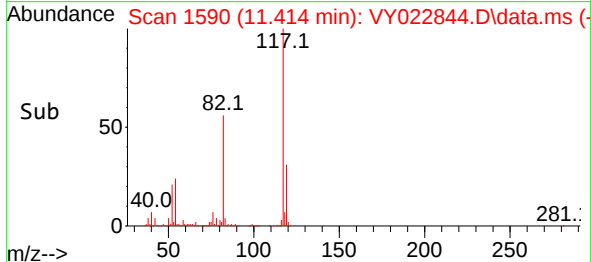
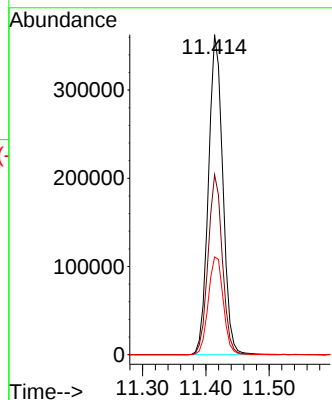
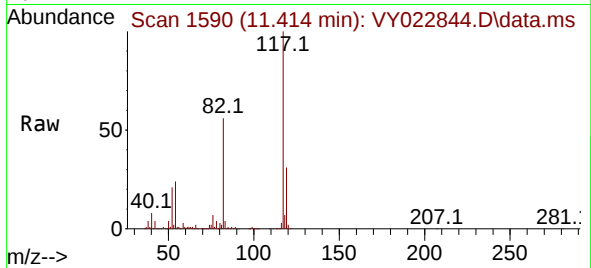




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022844.D
Acq: 26 Jun 2025 12:56

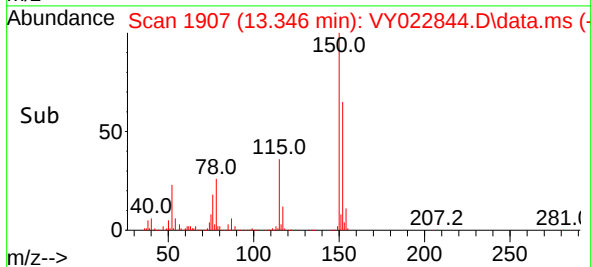
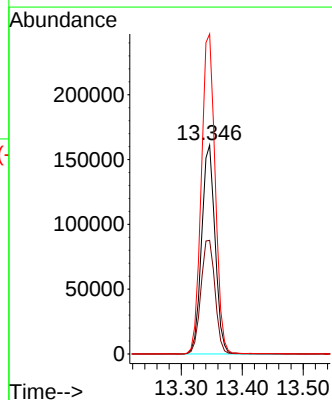
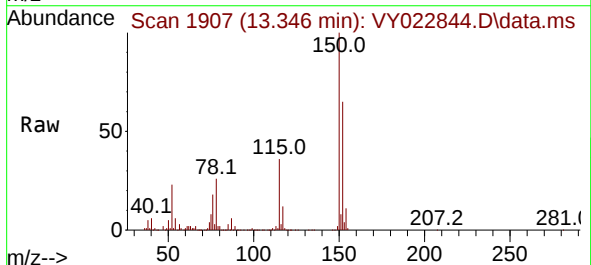
Instrument :
MSVOA_Y
ClientSampleId :
TP-35

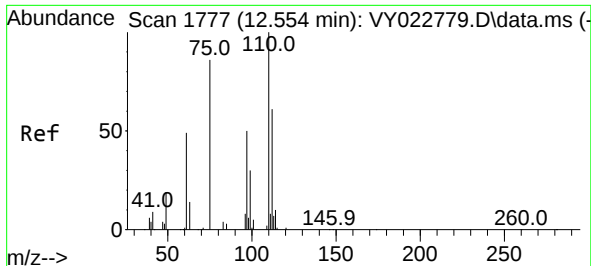
Tgt Ion:117 Resp: 574106
Ion Ratio Lower Upper
117 100
82 56.3 44.6 66.8
119 30.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022844.D
Acq: 26 Jun 2025 12:56

Tgt Ion:152 Resp: 247141
Ion Ratio Lower Upper
152 100
115 57.3 28.9 86.7
150 157.3 0.0 349.6

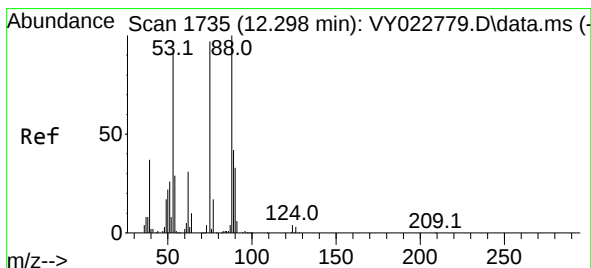
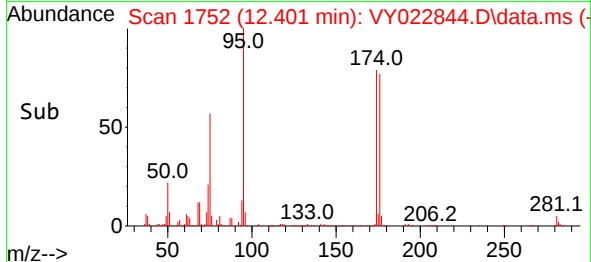
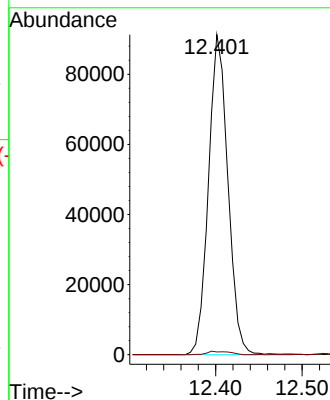
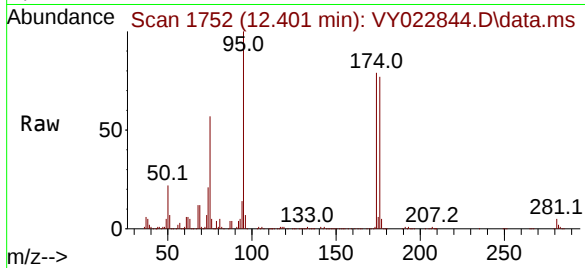




#76
1,2,3-Trichloropropane
Concen: 56.288 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.153 min
Lab File: VY022844.D
Acq: 26 Jun 2025 12:56

Instrument :
MSVOA_Y
ClientSampleId :
TP-35

Tgt Ion: 75 Resp: 142021
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 142.206 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.097 min
Lab File: VY022844.D
Acq: 26 Jun 2025 12:56

Tgt Ion: 75 Resp: 142021
Ion Ratio Lower Upper
75 100
53 0.1 78.5 117.7#
89 0.0 35.7 53.5#

