

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041425\
 Data File : VY021877.D
 Acq On : 14 Apr 2025 18:11
 Operator : SY/MD
 Sample : Q1788-03
 Misc : 5.74g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1-VOC

Quant Time: Apr 14 23:34:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

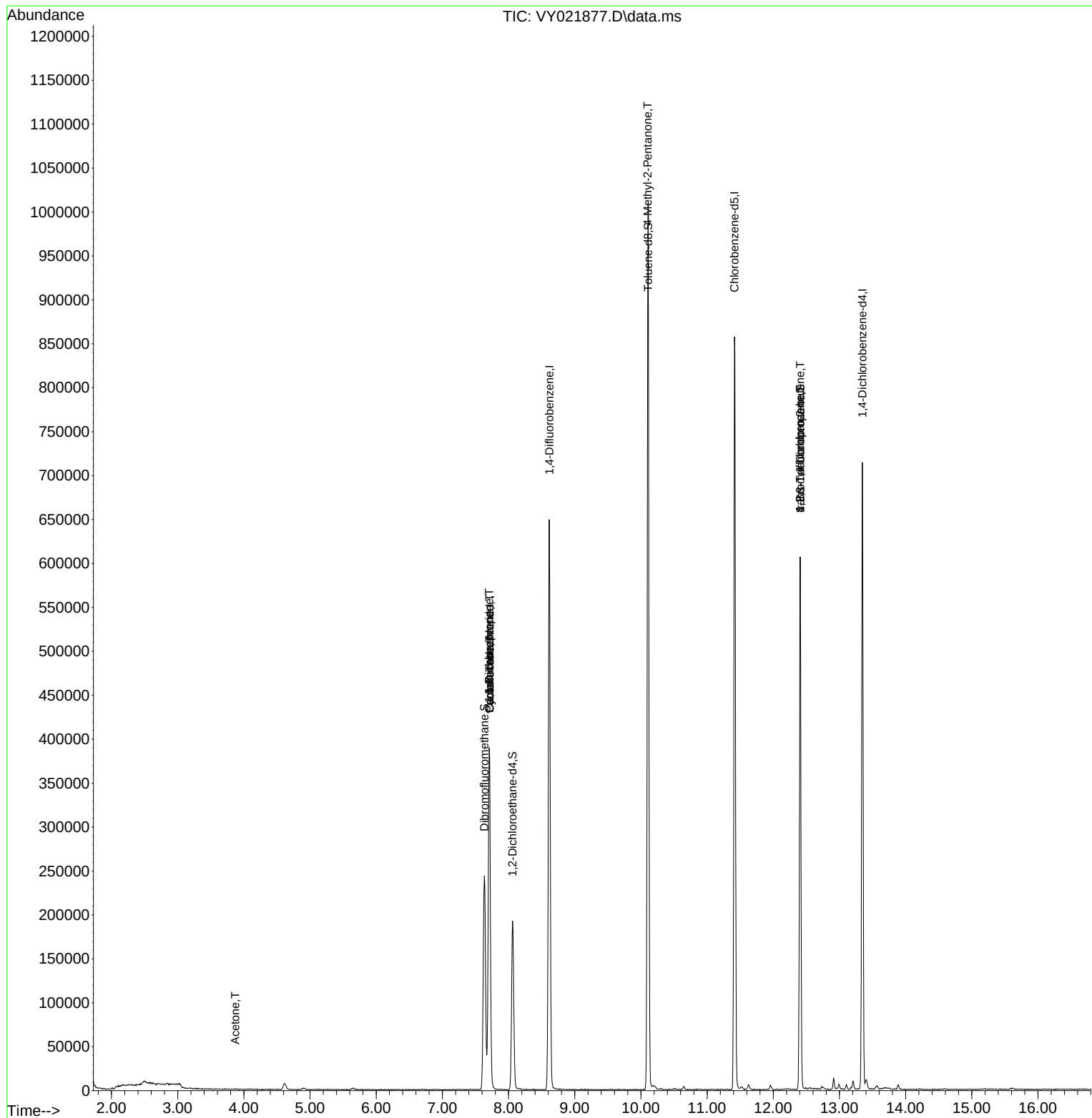
Internal Standards						
1) Pentafluorobenzene	7.713	168	296453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	538809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	455046	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	172102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	155551	48.428	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.860%
35) Dibromofluoromethane	7.634	113	175350	50.169	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.340%
50) Toluene-d8	10.109	98	637006	47.907	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.820%
62) 4-Bromofluorobenzene	12.407	95	179252	39.855	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.720%
Target Compounds						
					Qvalue	
16) Acetone	3.872	43	799	1.215	ug/l #	85
20) Methylene Chloride	4.616	84	4923	Below Cal	#	82
31) Cyclohexane	7.713	56	6249	1.102	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	22818	4.286	ug/l #	50
38) Carbon Tetrachloride	7.713	117	30109	4.938	ug/l #	17
51) 4-Methyl-2-Pentanone	10.103	43	2759	1.113	ug/l #	1
76) 1,2,3-Trichloropropane	12.407	75	93549	54.836	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	93549	126.352	ug/l #	11

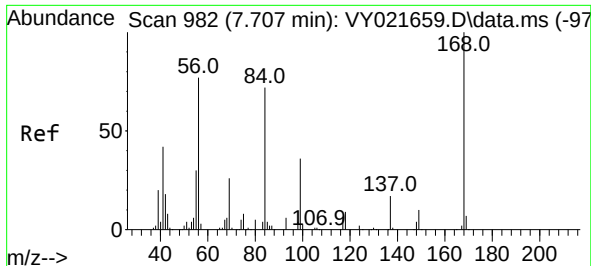
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041425\
Data File : VY021877.D
Acq On : 14 Apr 2025 18:11
Operator : SY/MD
Sample : Q1788-03
Misc : 5.74g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-1-VOC

Quant Time: Apr 14 23:34:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

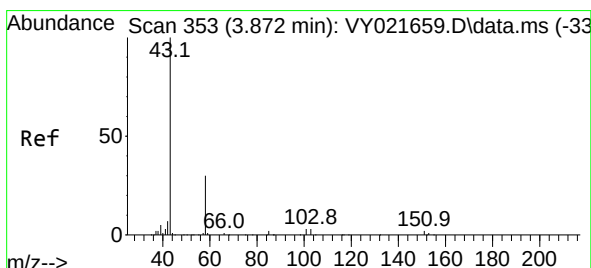
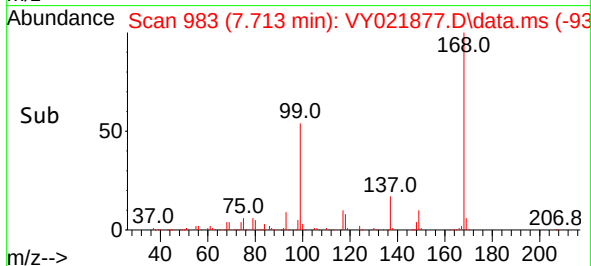
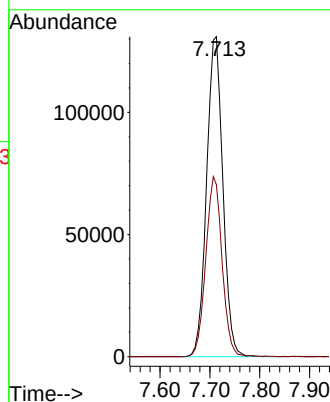
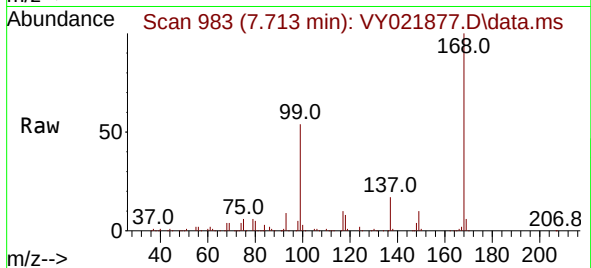




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021877.D
Acq: 14 Apr 2025 18:11

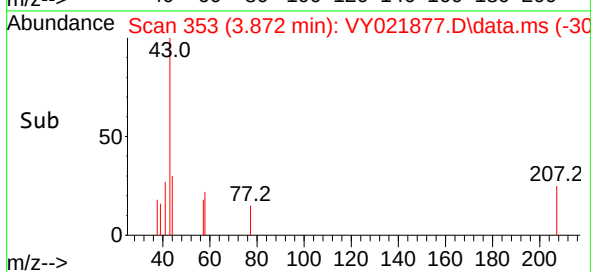
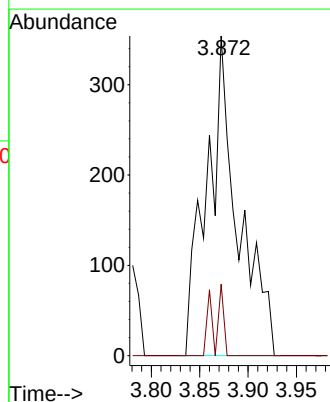
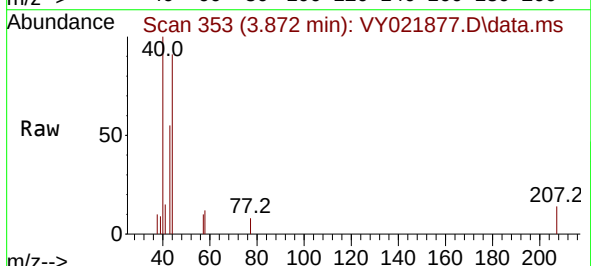
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-VOC

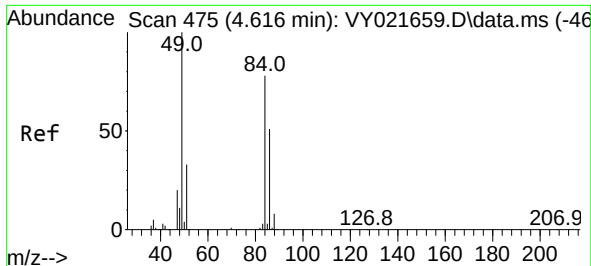
Tgt Ion:168 Resp: 296453
Ion Ratio Lower Upper
168 100
99 53.8 46.7 70.1



#16
Acetone
Concen: 1.215 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.000 min
Lab File: VY021877.D
Acq: 14 Apr 2025 18:11

Tgt Ion: 43 Resp: 799
Ion Ratio Lower Upper
43 100
58 22.3 24.2 36.4#

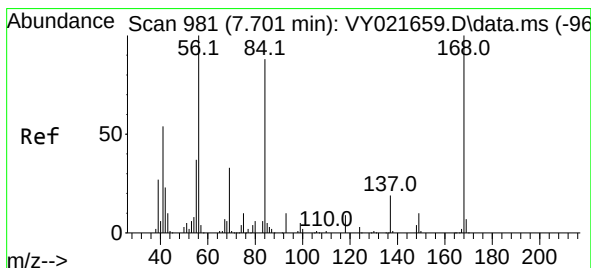
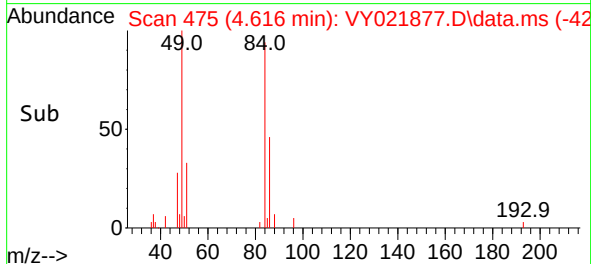
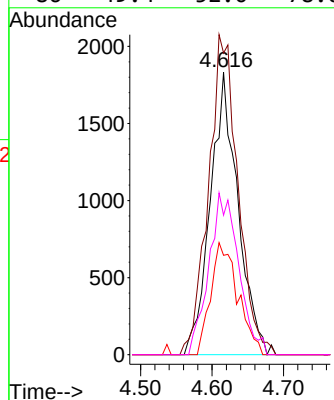
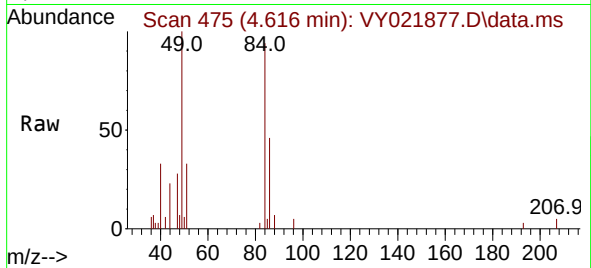




#20
Methylene Chloride
Concen: Below Cal
RT: 4.616 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY021877.D
Acq: 14 Apr 2025 18:11

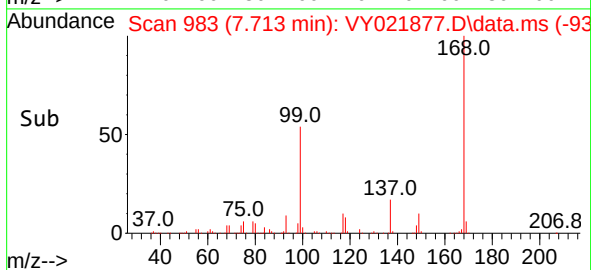
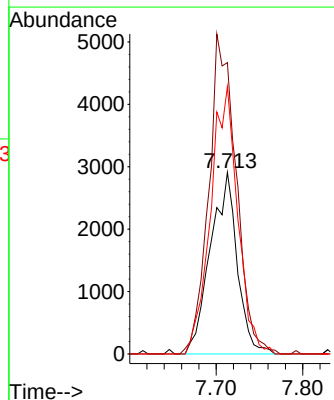
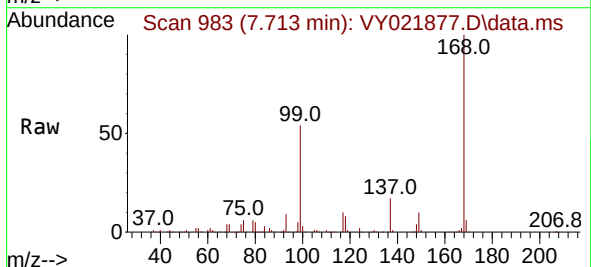
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-VOC

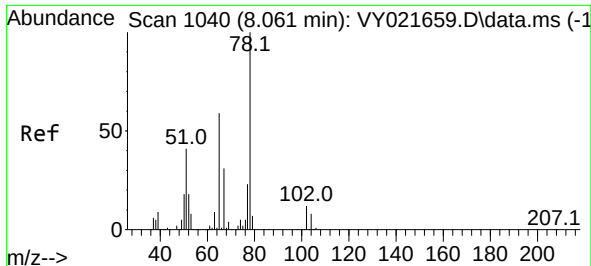
Tgt Ion:	84	Resp:	4923
Ion	Ratio	Lower	Upper
84	100		
49	106.8	102.8	154.2
51	35.2	33.5	50.3
86	49.4	52.0	78.0#



#31
Cyclohexane
Concen: 1.102 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY021877.D
Acq: 14 Apr 2025 18:11

Tgt Ion:	56	Resp:	6249
Ion	Ratio	Lower	Upper
56	100		
69	160.5	26.6	40.0#
84	147.3	69.0	103.4#

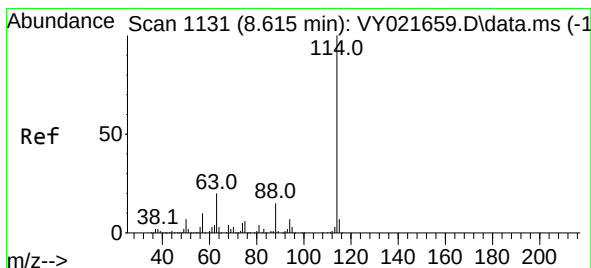
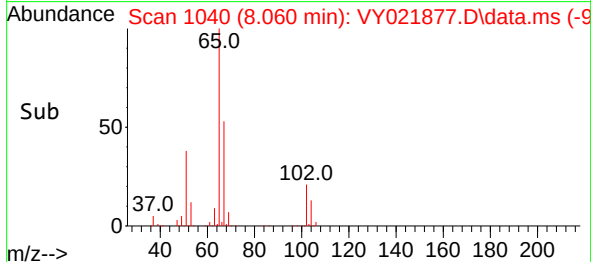
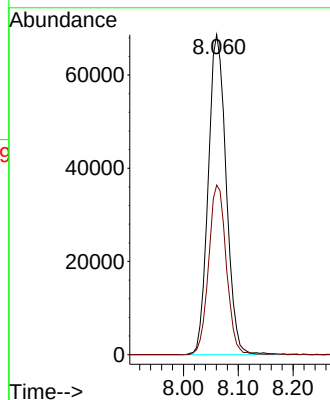
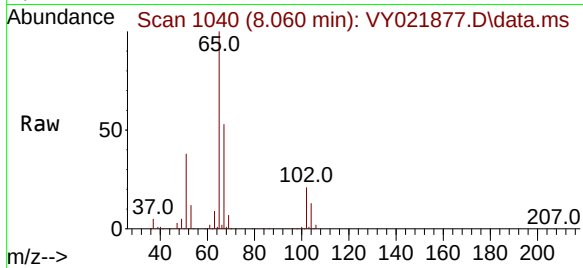




#33
1,2-Dichloroethane-d4
Concen: 48.428 ug/l
RT: 8.060 min Scan# 11040
Delta R.T. -0.000 min
Lab File: VY021877.D
Acq: 14 Apr 2025 18:11

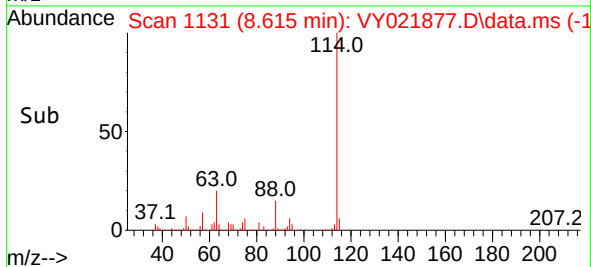
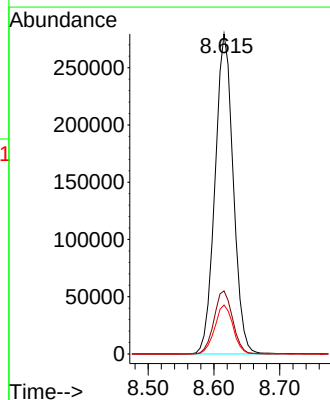
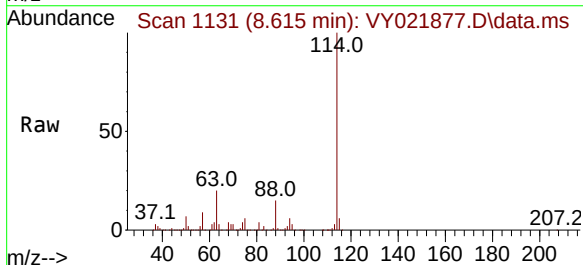
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-VOC

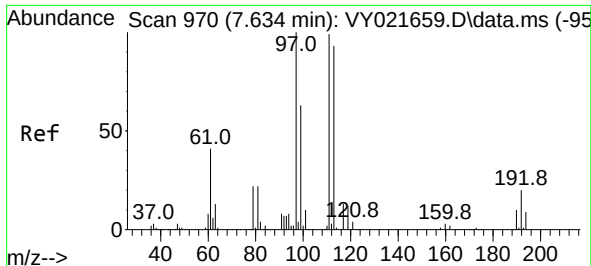
Tgt Ion: 65 Resp: 155551
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY021877.D
Acq: 14 Apr 2025 18:11

Tgt Ion: 114 Resp: 538809
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.2
88 15.3 0.0 29.8

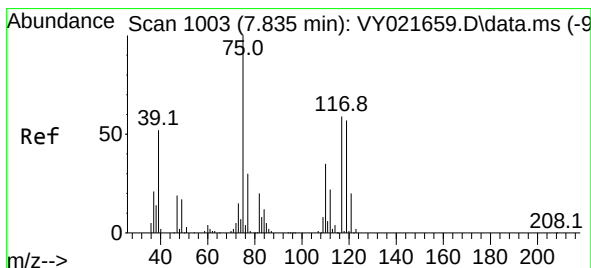
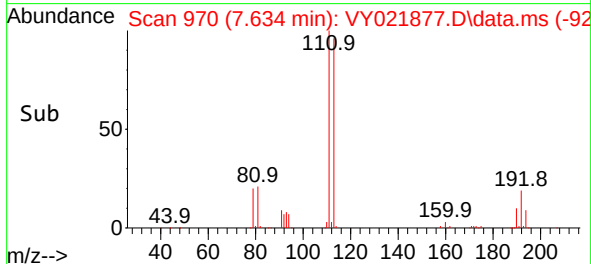
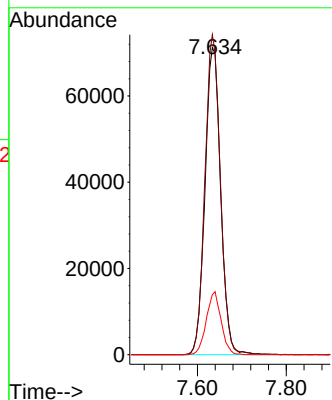
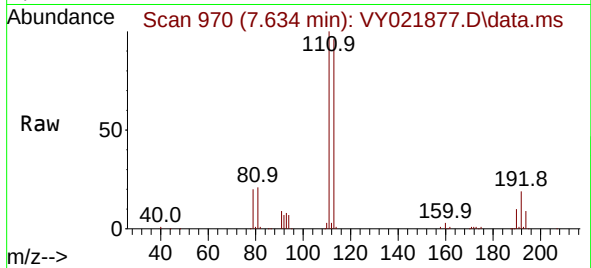




#35
Dibromofluoromethane
Concen: 50.169 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021877.D
Acq: 14 Apr 2025 18:11

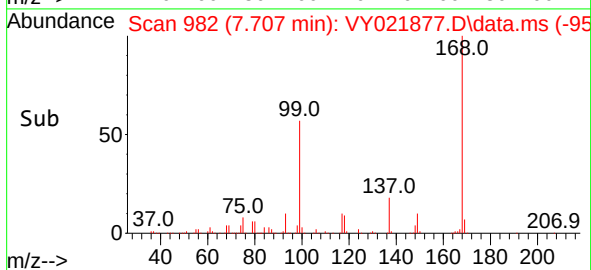
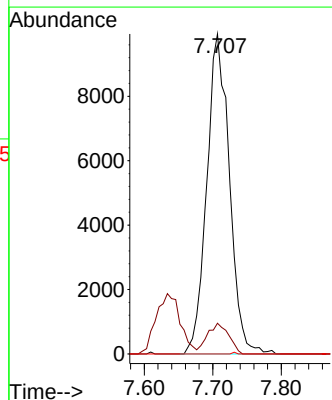
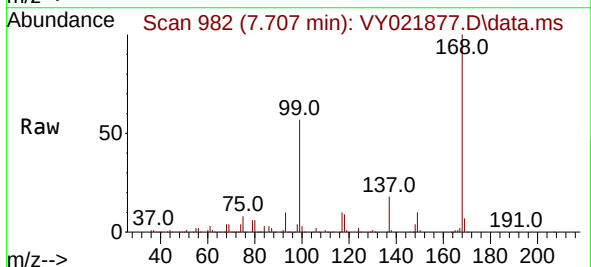
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-VOC

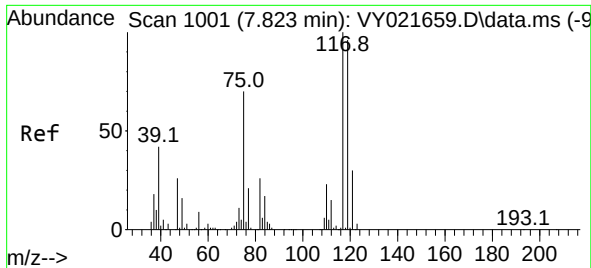
Tgt Ion:113 Resp: 175350
Ion Ratio Lower Upper
113 100
111 102.5 82.6 123.8
192 19.3 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.286 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY021877.D
Acq: 14 Apr 2025 18:11

Tgt Ion: 75 Resp: 22818
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.8 37.2#

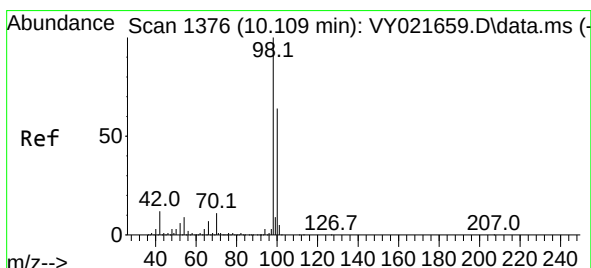
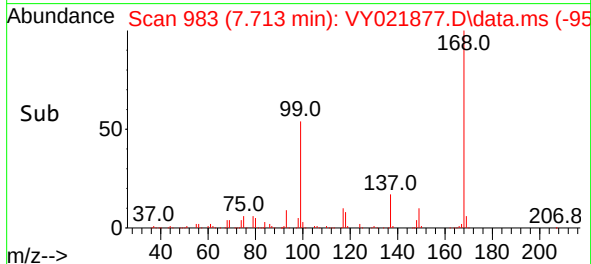
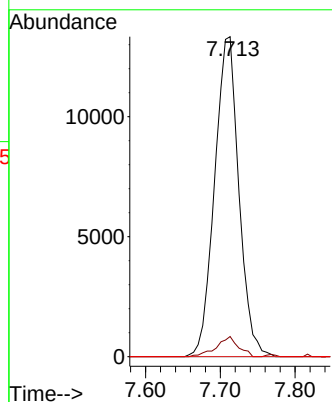
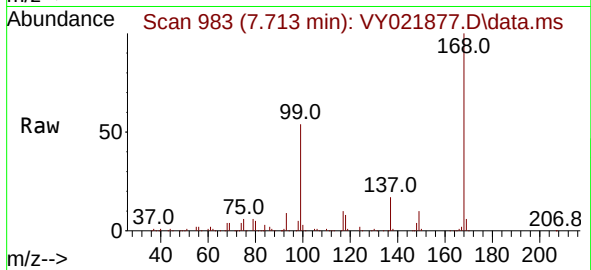




#38
Carbon Tetrachloride
Concen: 4.938 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY021877.D
Acq: 14 Apr 2025 18:11

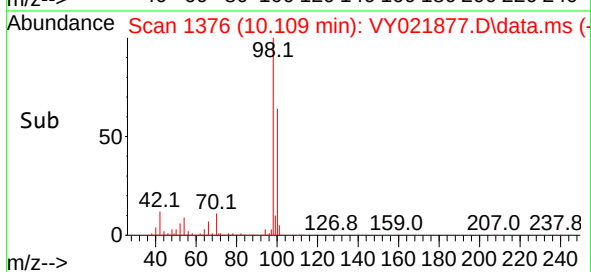
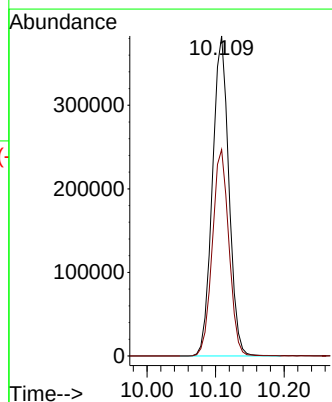
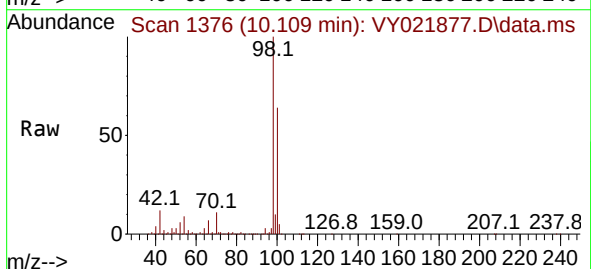
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-VOC

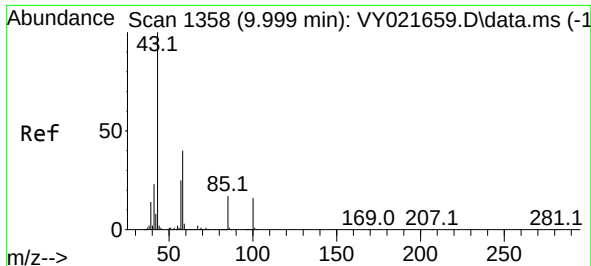
Tgt Ion:117 Resp: 30109
Ion Ratio Lower Upper
117 100
119 6.3 76.2 114.4#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 47.907 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021877.D
Acq: 14 Apr 2025 18:11

Tgt Ion: 98 Resp: 637006
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1

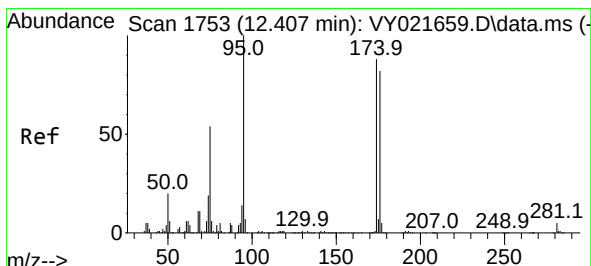
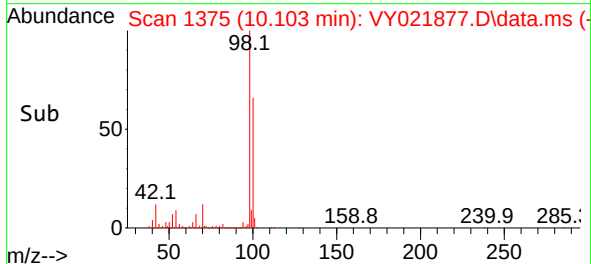
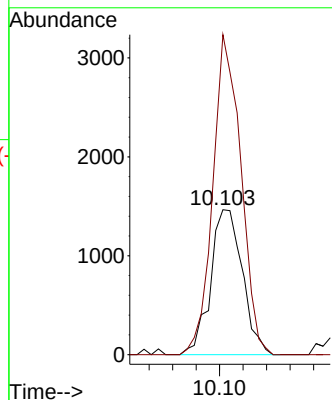
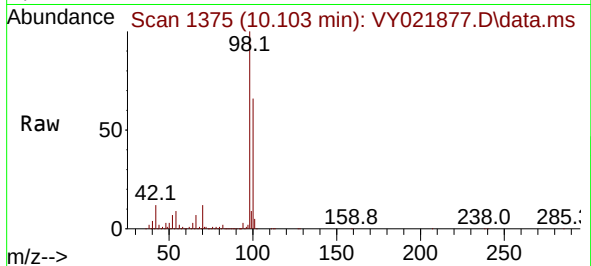




#51
4-Methyl-2-Pentanone
Concen: 1.113 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY021877.D
Acq: 14 Apr 2025 18:11

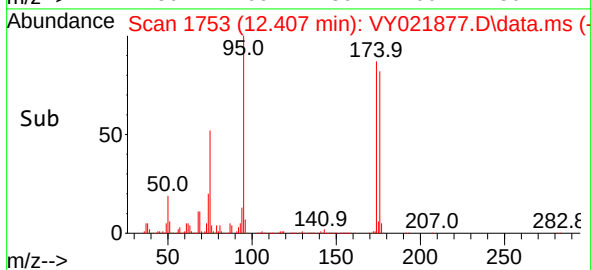
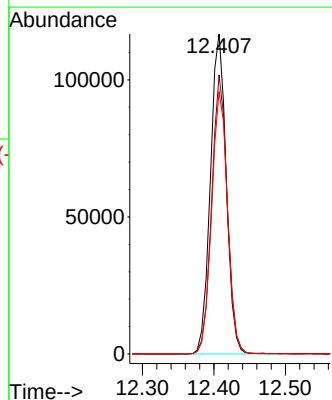
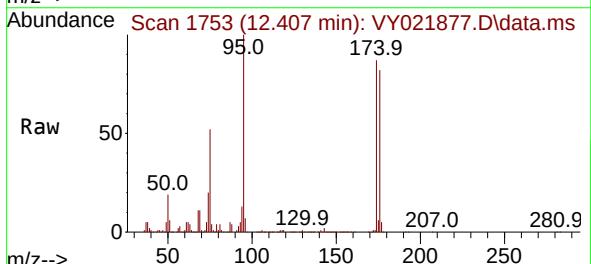
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-VOC

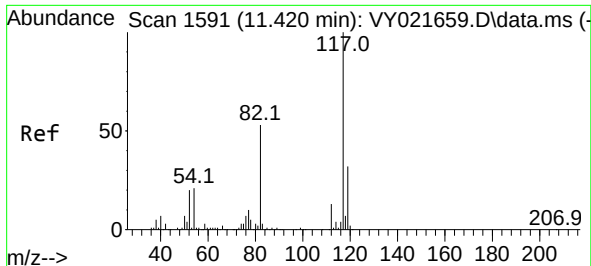
Tgt Ion: 43 Resp: 2759
Ion Ratio Lower Upper
43 100
58 194.7 31.5 47.3#



#62
4-Bromofluorobenzene
Concen: 39.855 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY021877.D
Acq: 14 Apr 2025 18:11

Tgt Ion: 95 Resp: 179252
Ion Ratio Lower Upper
95 100
174 85.8 0.0 170.8
176 82.5 0.0 162.0

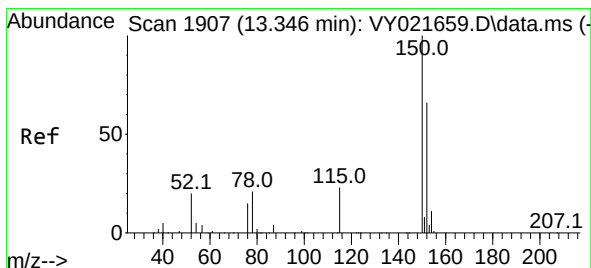
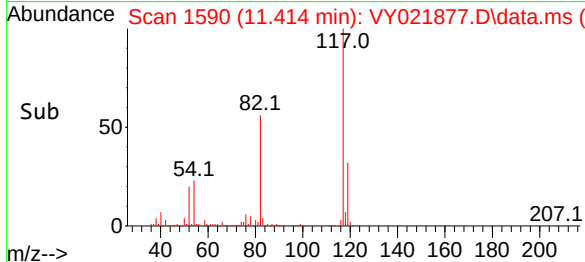
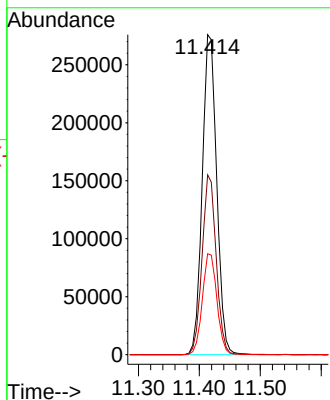
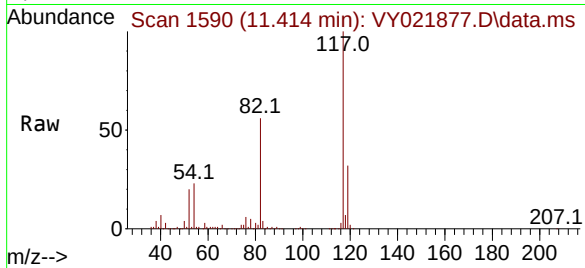




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021877.D
Acq: 14 Apr 2025 18:11

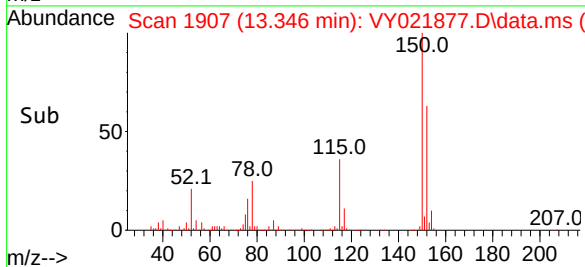
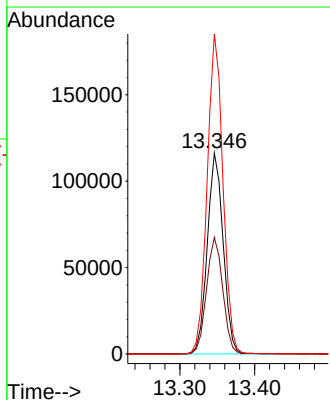
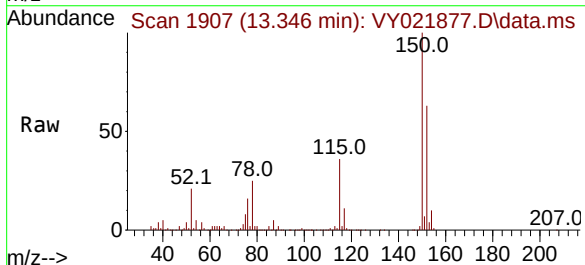
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-VOC

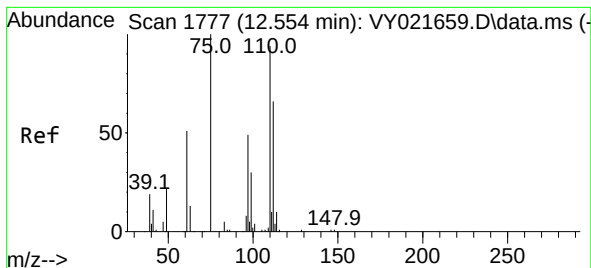
Tgt Ion:117 Resp: 455046
Ion Ratio Lower Upper
117 100
82 56.2 42.8 64.2
119 31.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY021877.D
Acq: 14 Apr 2025 18:11

Tgt Ion:152 Resp: 172102
Ion Ratio Lower Upper
152 100
115 59.2 28.8 86.5
150 158.1 0.0 348.4

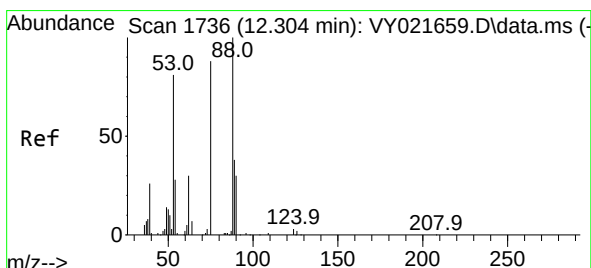
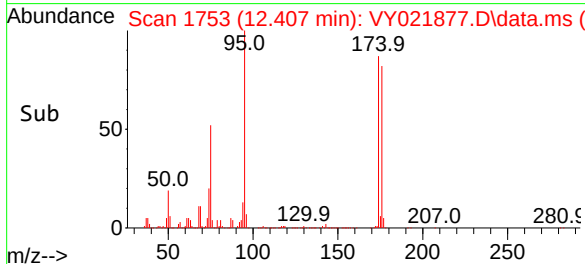
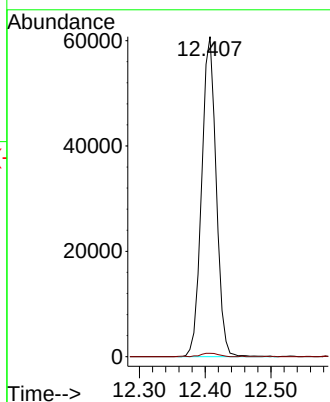
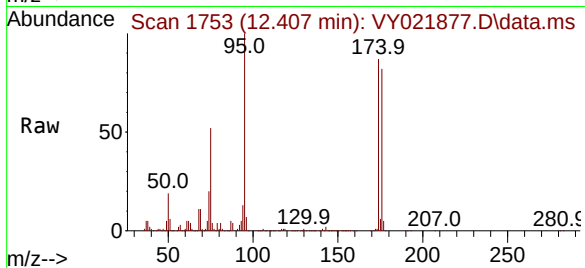




#76
1,2,3-Trichloropropane
Concen: 54.836 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.147 min
Lab File: VY021877.D
Acq: 14 Apr 2025 18:11

Instrument :
MSVOA_Y
ClientSampleId :
WC-1-VOC

Tgt Ion: 75 Resp: 93549
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.352 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.103 min
Lab File: VY021877.D
Acq: 14 Apr 2025 18:11

Tgt Ion: 75 Resp: 93549
Ion Ratio Lower Upper
75 100
53 0.0 76.1 114.1#
89 0.1 36.2 54.4#

