

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041825\
 Data File : VY021927.D
 Acq On : 18 Apr 2025 13:47
 Operator : SY/MD
 Sample : Q1832-14
 Misc : 6.31g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-714-VOC-03

Quant Time: Apr 19 01:12:51 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)

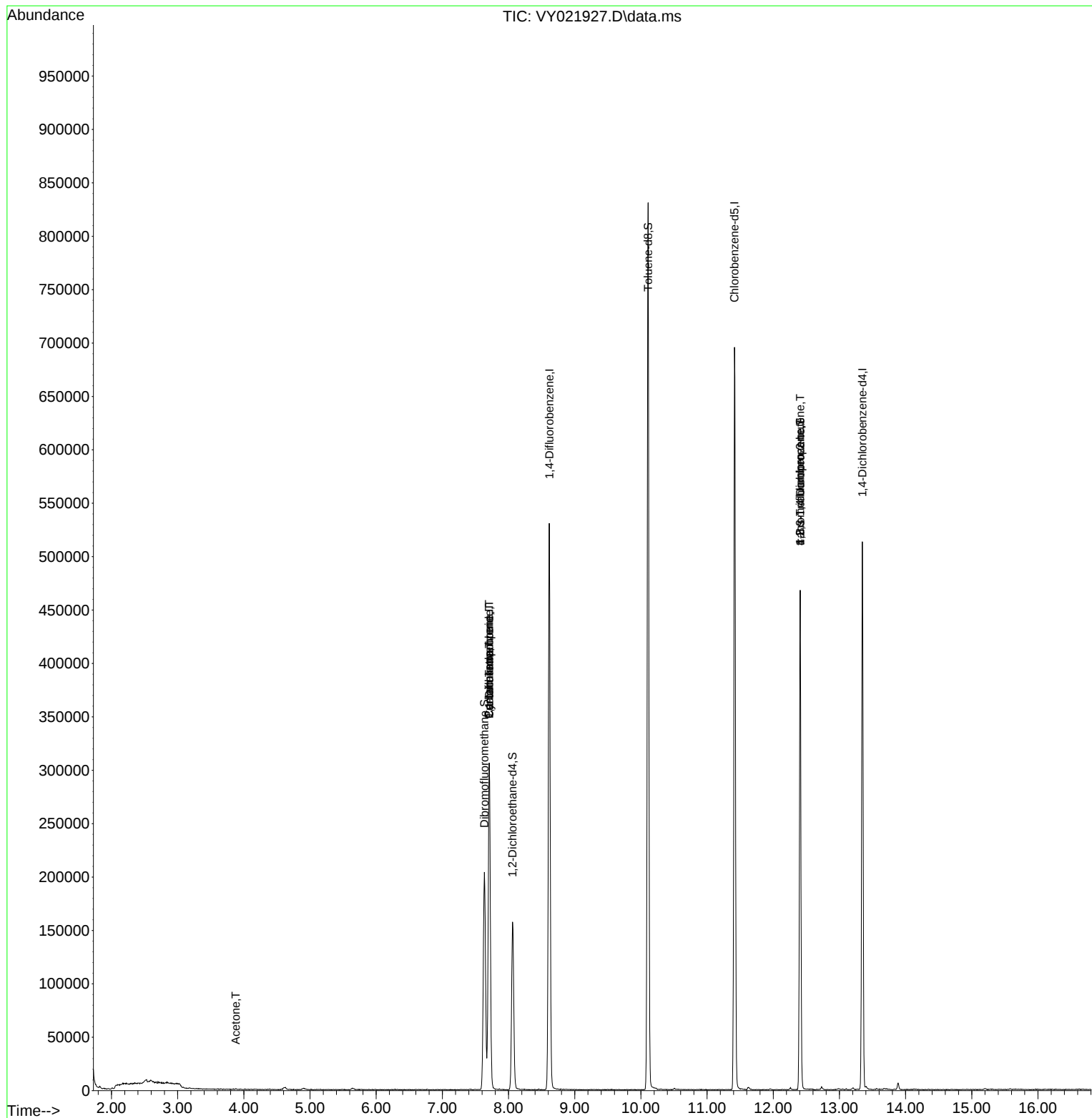
Internal Standards						
1) Pentafluorobenzene	7.707	168	227884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	432436	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	364373	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	125363	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	125742	50.927	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.860%	
35) Dibromofluoromethane	7.634	113	142572	50.825	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.660%	
50) Toluene-d8	10.109	98	520846	48.807	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.620%	
62) 4-Bromofluorobenzene	12.408	95	136600	37.843	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 75.680%	
Target Compounds						
					Qvalue	
16) Acetone	3.879	43	755	1.494	ug/l	91
20) Methylene Chloride	4.604	84	969	Below Cal	#	77
31) Cyclohexane	7.707	56	5112	1.173	ug/l #	17
36) 1,1-Dichloropropene	7.707	75	19164	4.485	ug/l #	51
38) Carbon Tetrachloride	7.707	117	22858	4.671	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	71431	57.482	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	71431	132.448	ug/l #	12

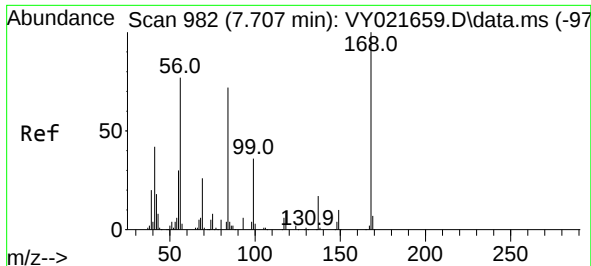
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041825\
Data File : VY021927.D
Acq On : 18 Apr 2025 13:47
Operator : SY/MD
Sample : Q1832-14
Misc : 6.31g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PL-714-VOC-03

Quant Time: Apr 19 01:12:51 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

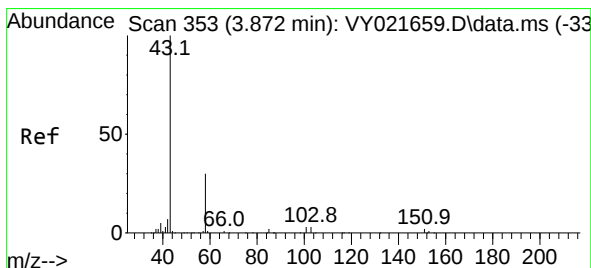
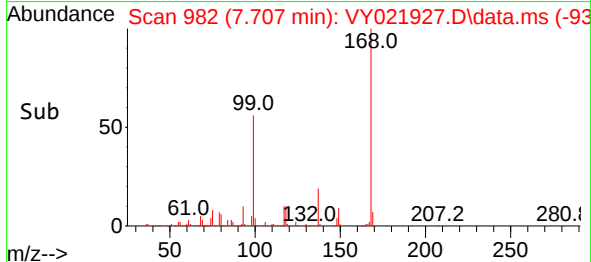
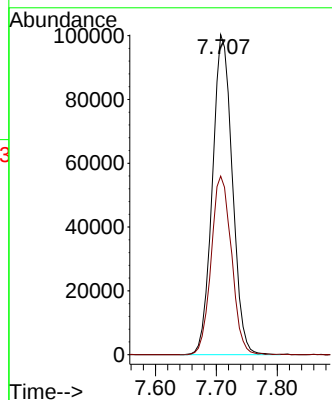
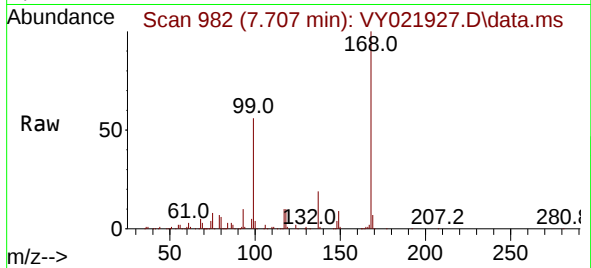




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021927.D
Acq: 18 Apr 2025 13:47

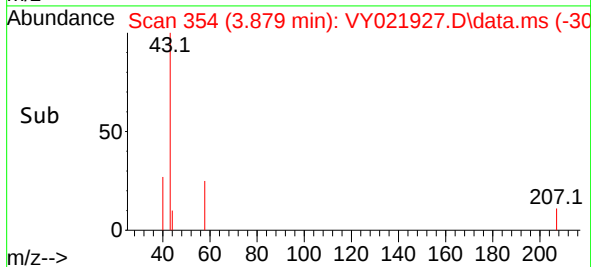
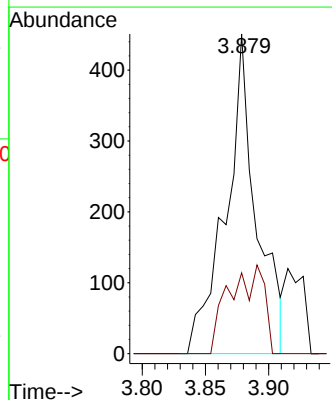
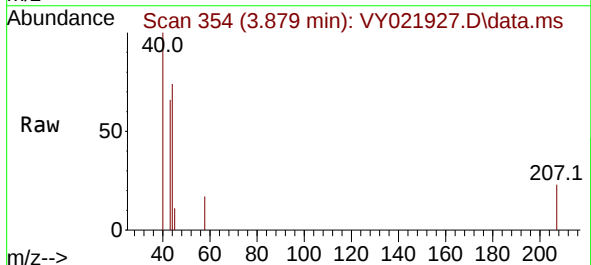
Instrument :
MSVOA_Y
ClientSampleId :
PL-714-VOC-03

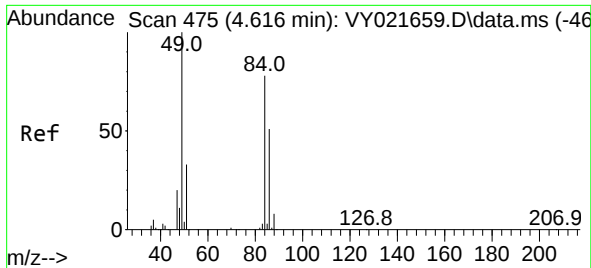
Tgt Ion:168 Resp: 227884
Ion Ratio Lower Upper
168 100
99 55.8 46.7 70.1



#16
Acetone
Concen: 1.494 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY021927.D
Acq: 18 Apr 2025 13:47

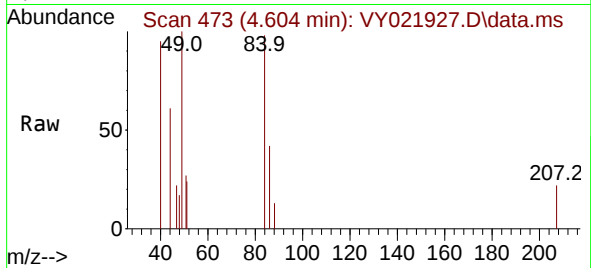
Tgt Ion: 43 Resp: 755
Ion Ratio Lower Upper
43 100
58 25.3 24.2 36.4





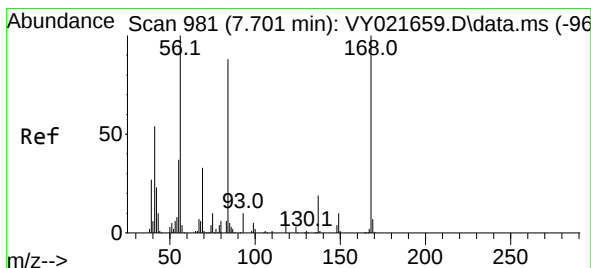
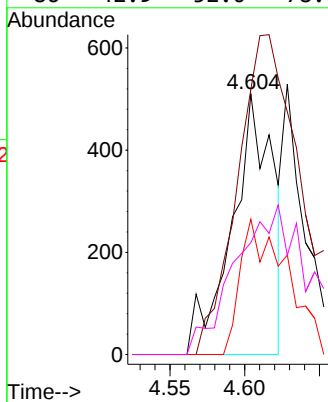
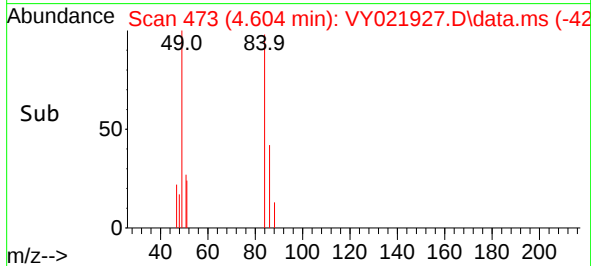
#20
Methylene Chloride
Concen: Below Cal
RT: 4.604 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY021927.D
Acq: 18 Apr 2025 13:47

Instrument :
MSVOA_Y
ClientSampleId :
PL-714-VOC-03



Tgt Ion: 84 Resp: 969

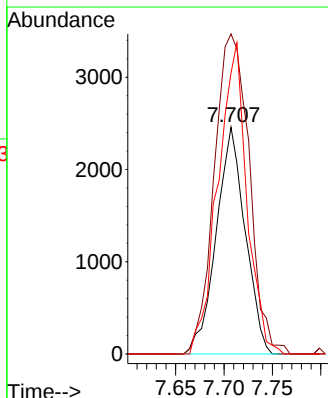
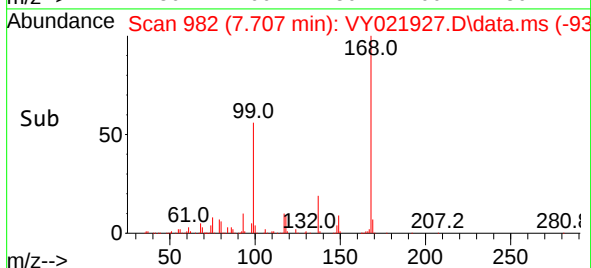
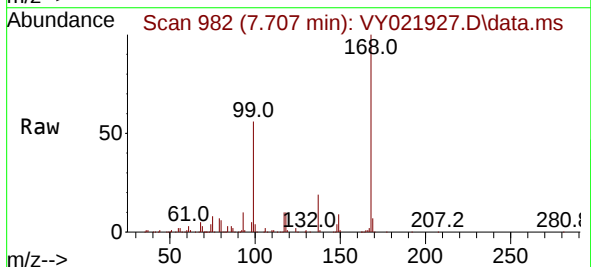
Ion	Ratio	Lower	Upper
84	100		
49	101.8	102.8	154.2#
51	52.0	33.5	50.3#
86	42.9	52.0	78.0#

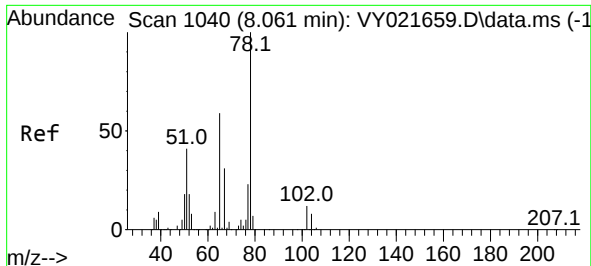


#31
Cyclohexane
Concen: 1.173 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY021927.D
Acq: 18 Apr 2025 13:47

Tgt Ion: 56 Resp: 5112

Ion	Ratio	Lower	Upper
56	100		
69	141.2	26.6	40.0#
84	124.0	69.0	103.4#





#33

1,2-Dichloroethane-d4

Concen: 50.927 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY021927.D

Acq: 18 Apr 2025 13:47

Instrument :

MSVOA_Y

ClientSampleId :

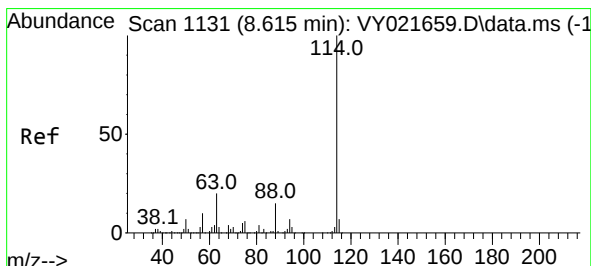
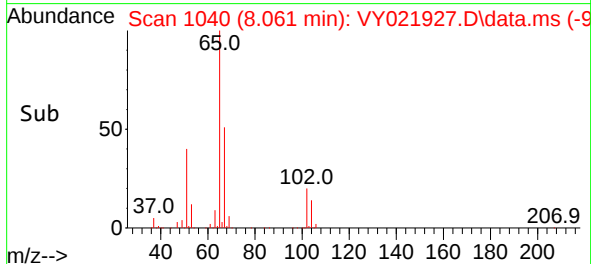
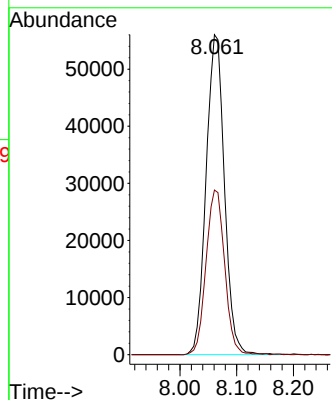
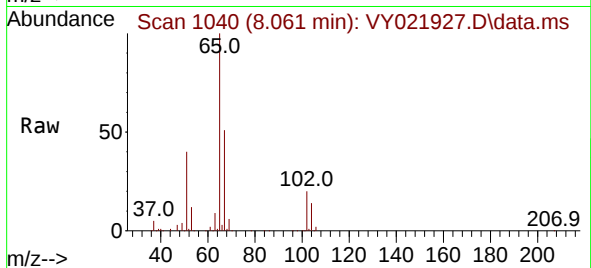
PL-714-VOC-03

Tgt Ion: 65 Resp: 125742

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021927.D

Acq: 18 Apr 2025 13:47

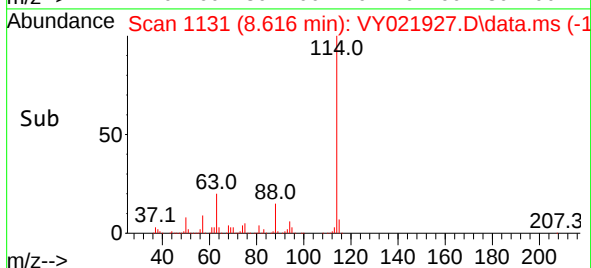
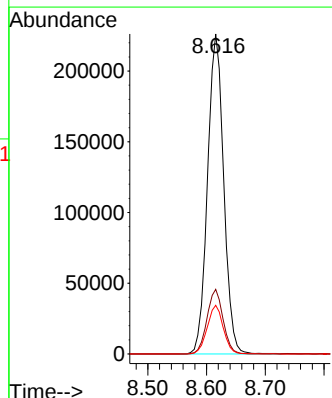
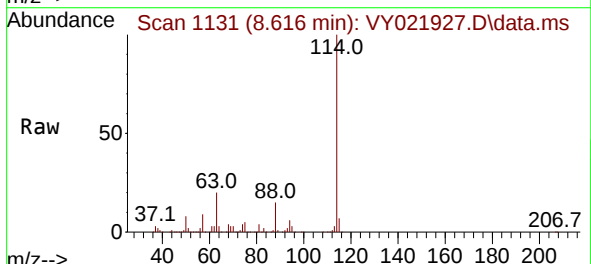
Tgt Ion: 114 Resp: 432436

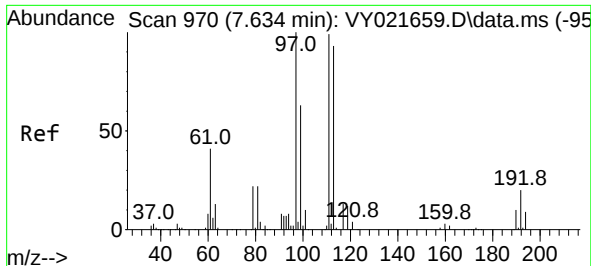
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.2

88 15.2 0.0 29.8





#35

Dibromofluoromethane

Concen: 50.825 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY021927.D

Acq: 18 Apr 2025 13:47

Instrument :

MSVOA_Y

ClientSampleId :

PL-714-VOC-03

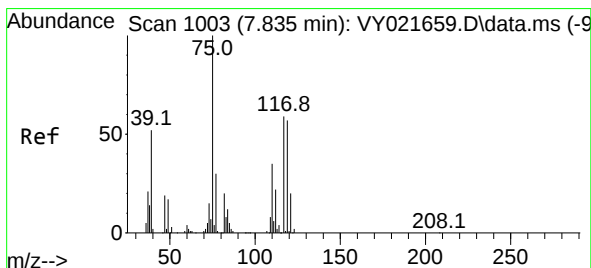
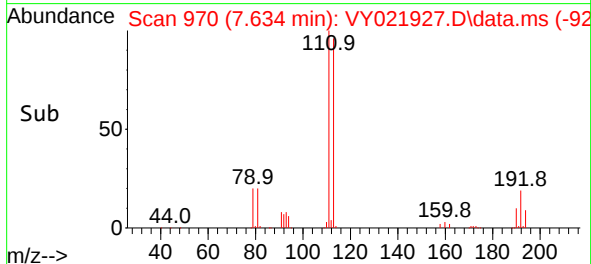
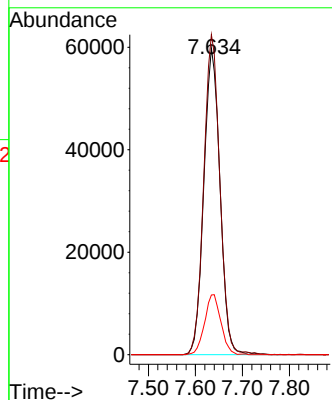
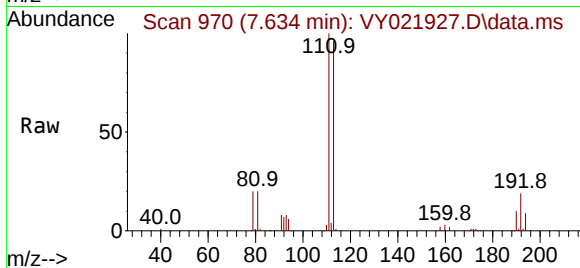
Tgt Ion:113 Resp: 142572

Ion Ratio Lower Upper

113 100

111 103.9 82.6 123.8

192 19.7 16.2 24.4



#36

1,1-Dichloropropene

Concen: 4.485 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

Lab File: VY021927.D

Acq: 18 Apr 2025 13:47

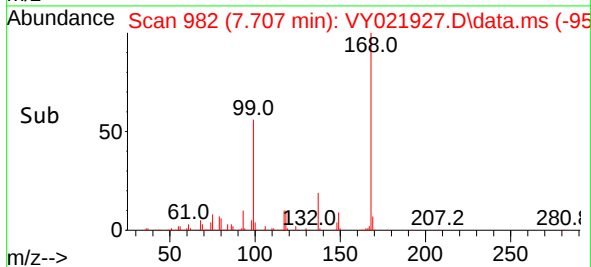
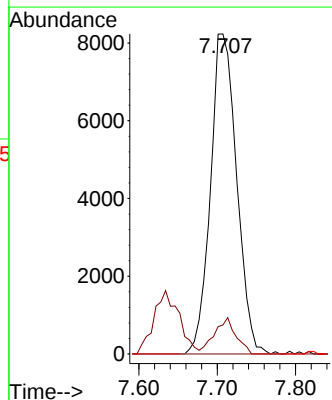
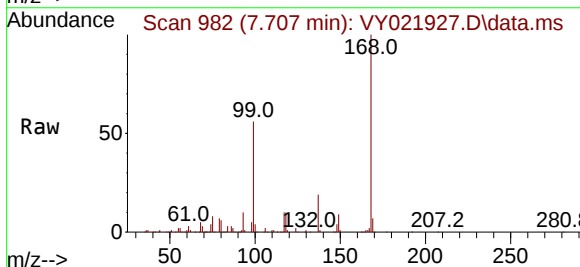
Tgt Ion: 75 Resp: 19164

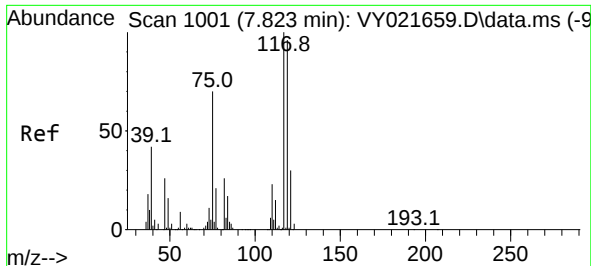
Ion Ratio Lower Upper

75 100

110 9.2 17.0 50.9#

77 0.0 24.8 37.2#

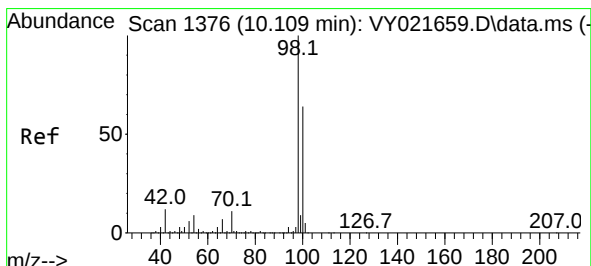
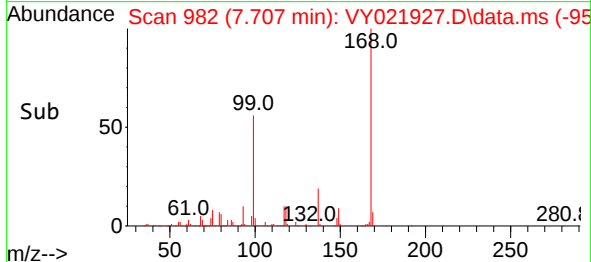
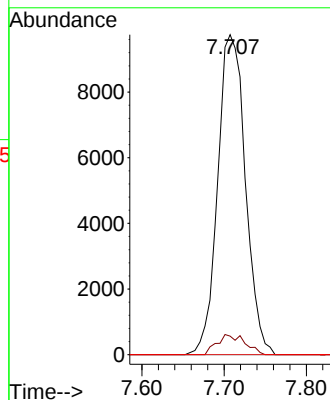
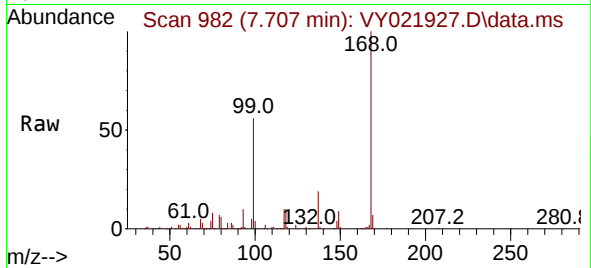




#38
Carbon Tetrachloride
Concen: 4.671 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY021927.D
Acq: 18 Apr 2025 13:47

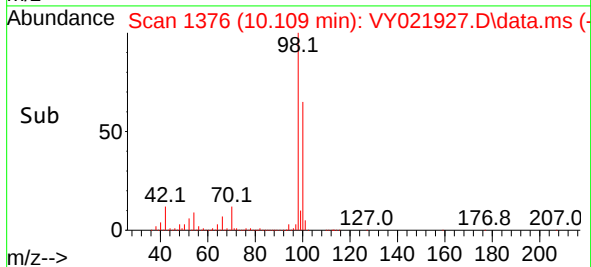
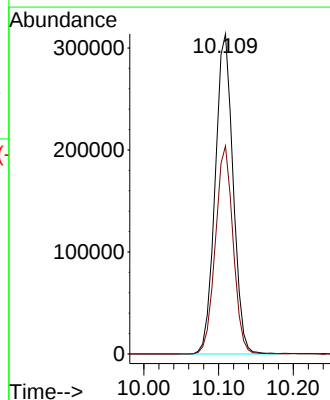
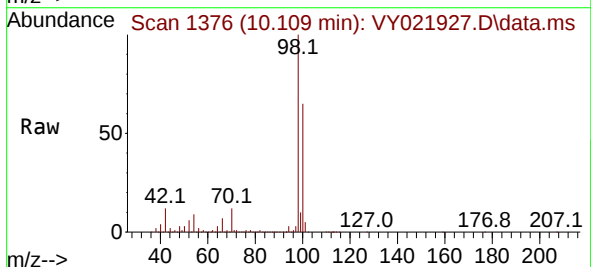
Instrument :
MSVOA_Y
ClientSampleId :
PL-714-VOC-03

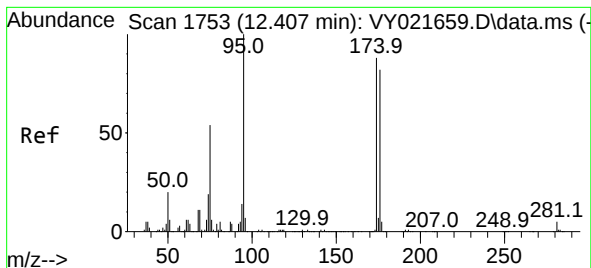
Tgt Ion:117 Resp: 22858
Ion Ratio Lower Upper
117 100
119 5.8 76.2 114.4#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 48.807 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021927.D
Acq: 18 Apr 2025 13:47

Tgt Ion: 98 Resp: 520846
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1

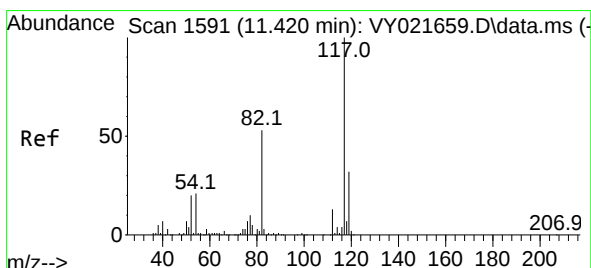
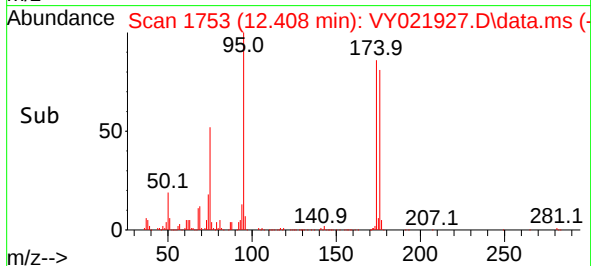
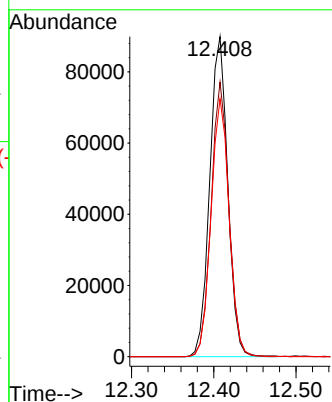
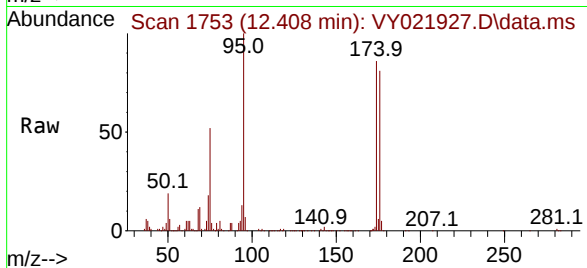




#62
4-Bromofluorobenzene
Concen: 37.843 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021927.D
Acq: 18 Apr 2025 13:47

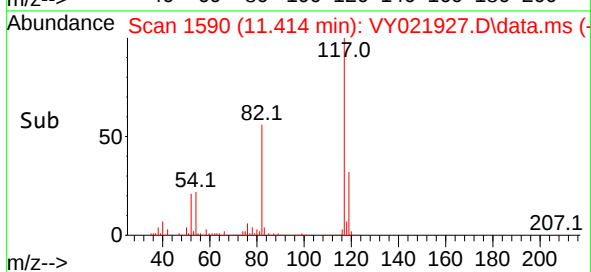
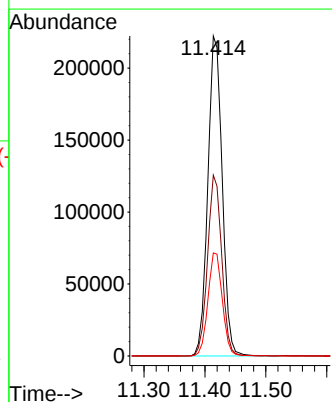
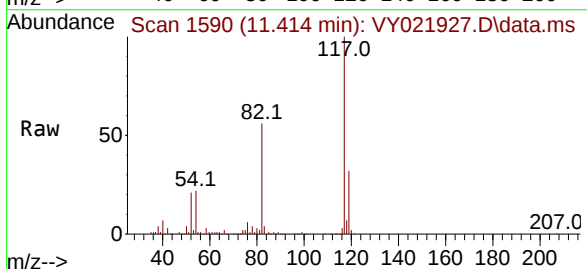
Instrument :
MSVOA_Y
ClientSampleId :
PL-714-VOC-03

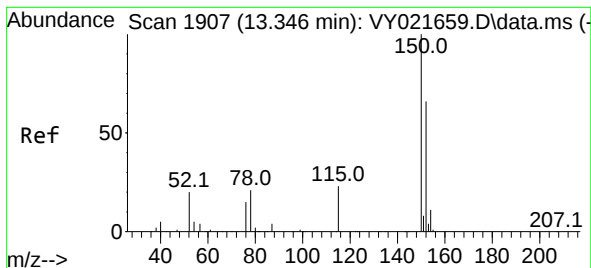
Tgt Ion: 95 Resp: 136600
Ion Ratio Lower Upper
95 100
174 85.0 0.0 170.8
176 81.1 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021927.D
Acq: 18 Apr 2025 13:47

Tgt Ion: 117 Resp: 364373
Ion Ratio Lower Upper
117 100
82 56.5 42.8 64.2
119 32.2 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: VY021927.D

Acq: 18 Apr 2025 13:47

Instrument :

MSVOA_Y

ClientSampleId :

PL-714-VOC-03

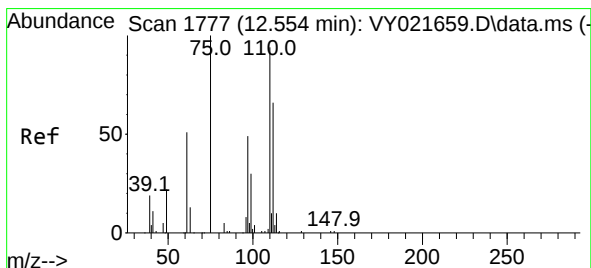
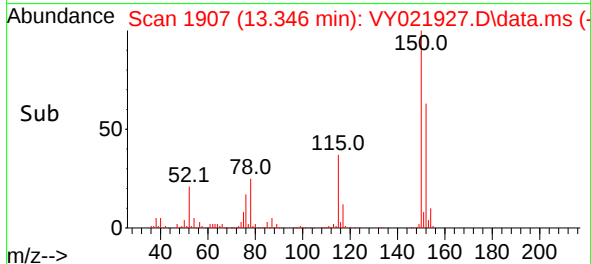
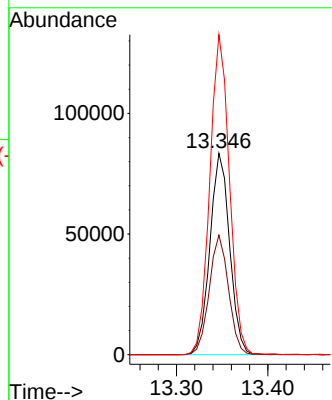
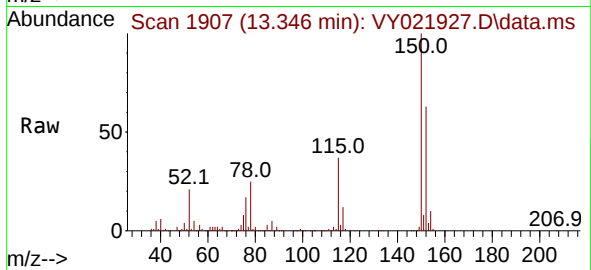
Tgt Ion:152 Resp: 125363

Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 157.5 0.0 348.4



#76

1,2,3-Trichloropropane

Concen: 57.482 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY021927.D

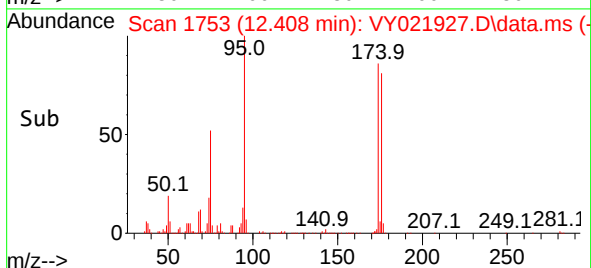
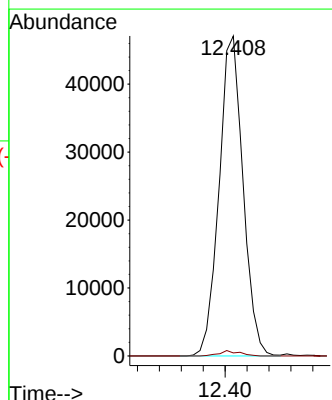
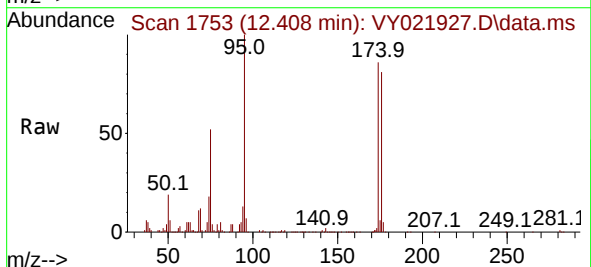
Acq: 18 Apr 2025 13:47

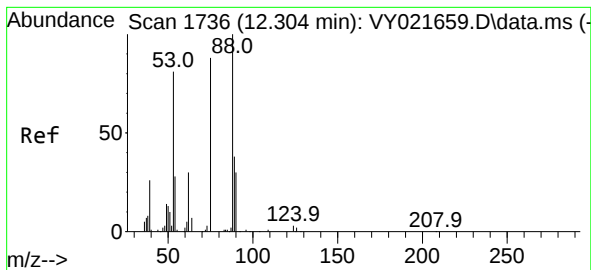
Tgt Ion: 75 Resp: 71431

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 132.448 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY021927.D
 Acq: 18 Apr 2025 13:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-714-VOC-03

Tgt Ion: 75 Resp: 71431
 Ion Ratio Lower Upper
 75 100
 53 0.2 76.1 114.1#
 89 0.0 36.2 54.4#

