

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110122\
 Data File : VY011219.D
 Acq On : 01 Nov 2022 14:11
 Operator : KP/MD
 Sample : N5313-23RE
 Misc : 7.18g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-GRAB-3-SE-QUARTER

Quant Time: Nov 01 14:39:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

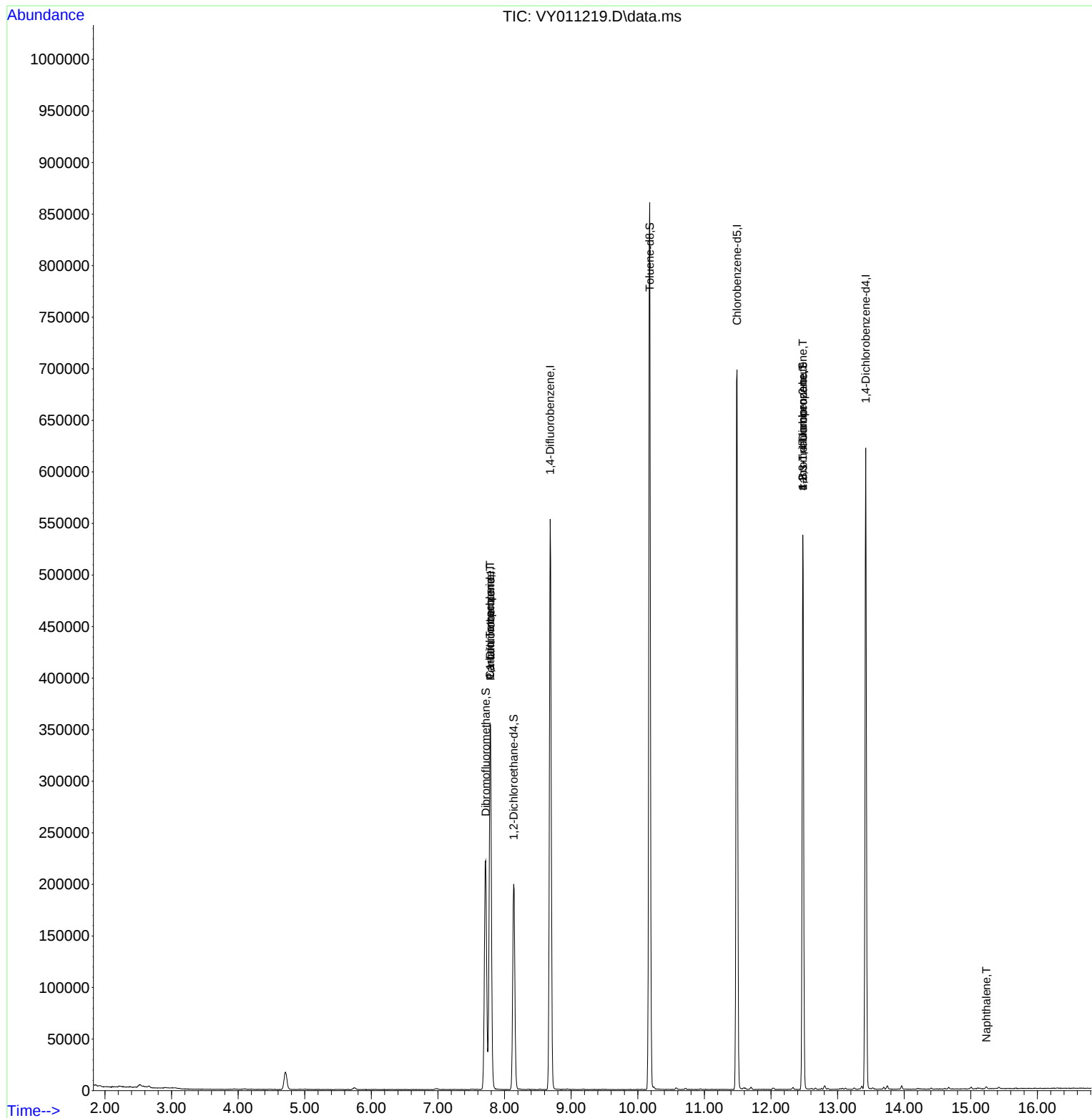
Internal Standards						
1) Pentafluorobenzene	7.789	168	284745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	479167	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	405503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	158222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	157133	51.598	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.200%	
35) Dibromofluoromethane	7.716	113	163309	53.046	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.100%	
50) Toluene-d8	10.179	98	579885	48.514	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.020%	
62) 4-Bromofluorobenzene	12.477	95	173998	41.931	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 83.860%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	137	Below Cal	#	43
11) Tert butyl alcohol	4.954	59	39	Below Cal	#	77
20) Methylene Chloride	4.710	84	13817	Below Cal	#	81
36) 1,1-Dichloropropene	7.783	75	20763	4.130	ug/l #	50
38) Carbon Tetrachloride	7.783	117	28194	5.405	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	85384	44.327	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	85384	94.866	ug/l #	7
95) Naphthalene	15.233	128	2118	4.246	ug/l	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110122\
Data File : VY011219.D
Acq On : 01 Nov 2022 14:11
Operator : KP/MD
Sample : N5313-23RE
Misc : 7.18g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-GRAB-3-SE-QUARTER

Quant Time: Nov 01 14:39:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 01 11:56:18 2022
Response via : Initial Calibration

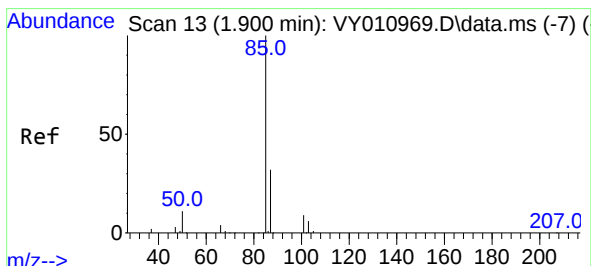
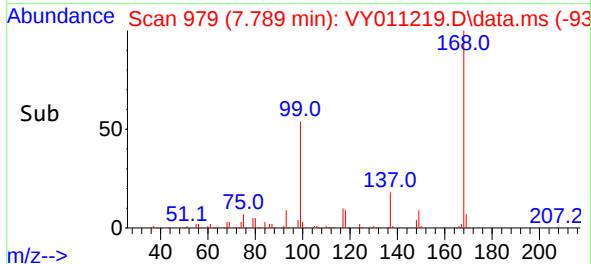
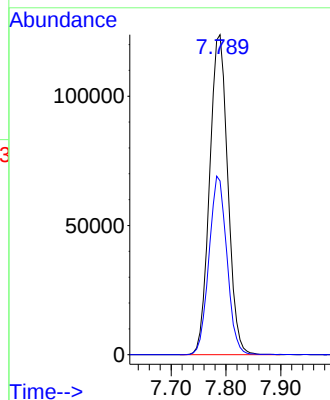
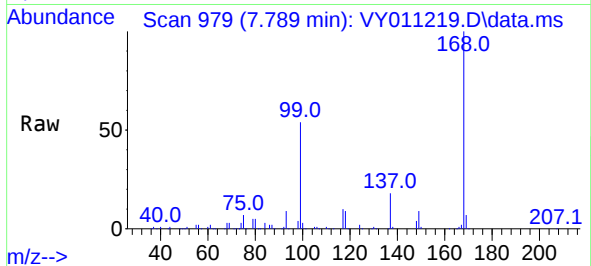




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011219.D
Acq: 01 Nov 2022 14:11

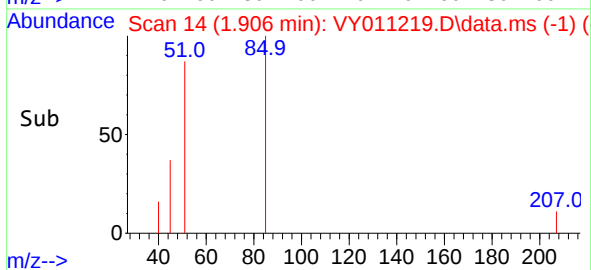
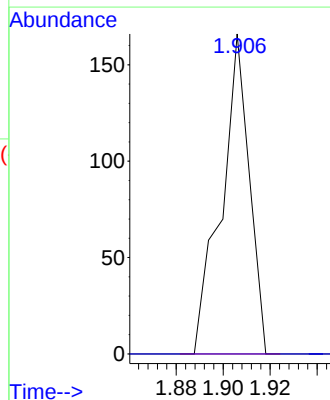
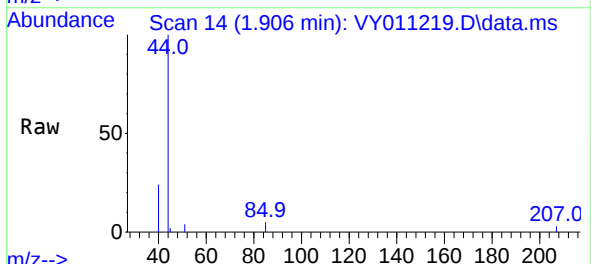
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-GRAB-3-SE-QUARTER

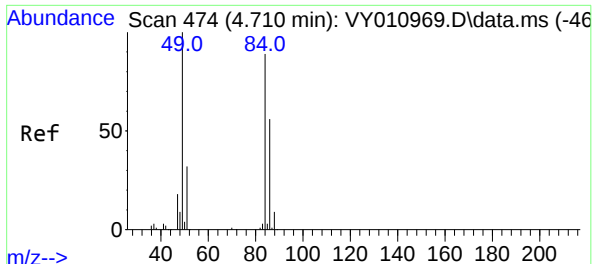
Tgt Ion:168 Resp: 284745
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY011219.D
Acq: 01 Nov 2022 14:11

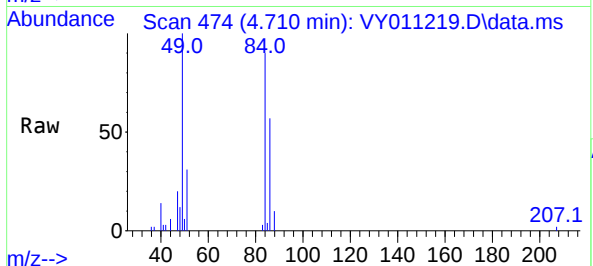
Tgt Ion: 85 Resp: 137
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#



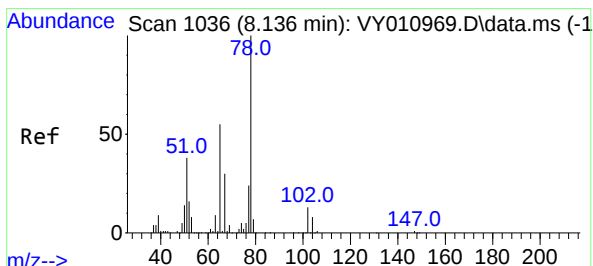
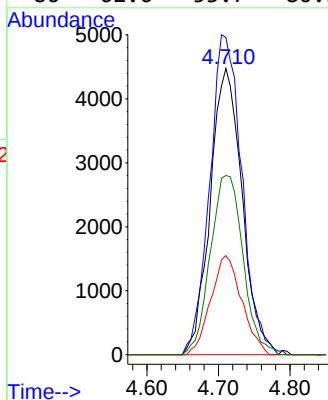
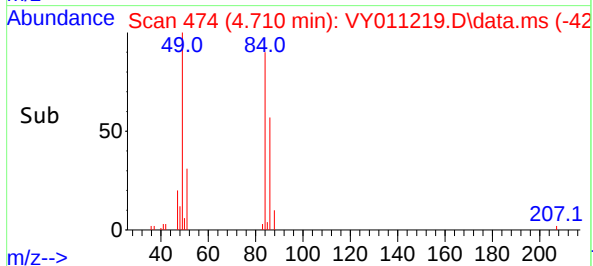


#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011219.D
Acq: 01 Nov 2022 14:11

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-GRAB-3-SE-QUARTER

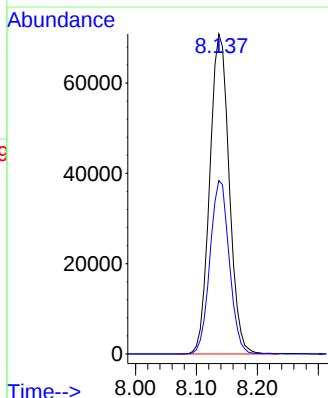
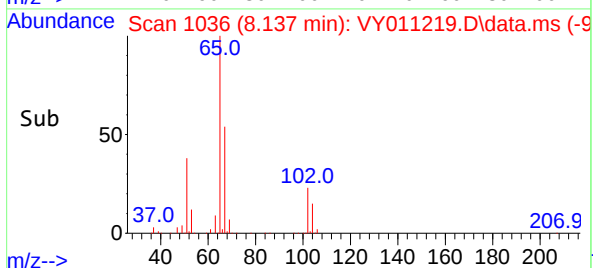
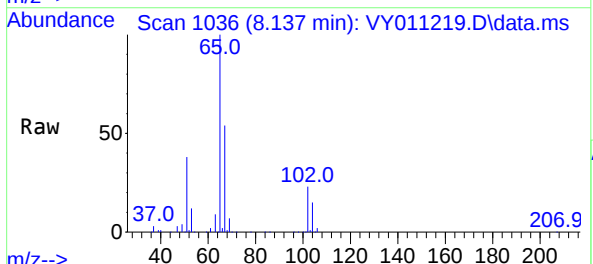


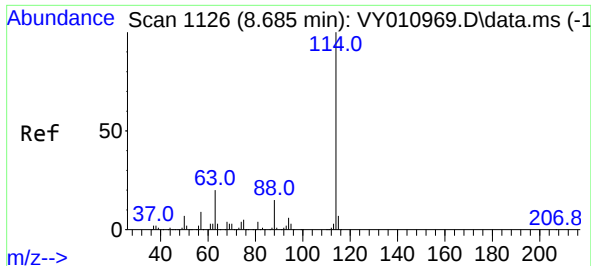
Tgt Ion: 84 Resp: 13817
Ion Ratio Lower Upper
84 100
49 110.8 114.4 171.6#
51 34.6 35.3 52.9#
86 62.6 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 51.598 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY011219.D
Acq: 01 Nov 2022 14:11

Tgt Ion: 65 Resp: 157133
Ion Ratio Lower Upper
65 100
67 53.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011219.D

Acq: 01 Nov 2022 14:11

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-GRAB-3-SE-QUARTER

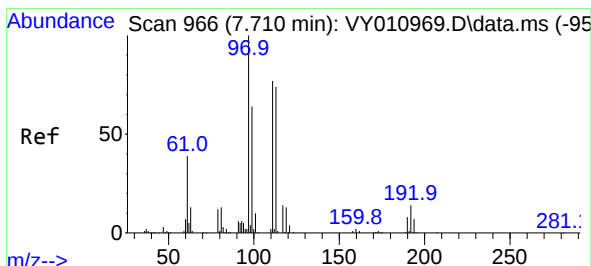
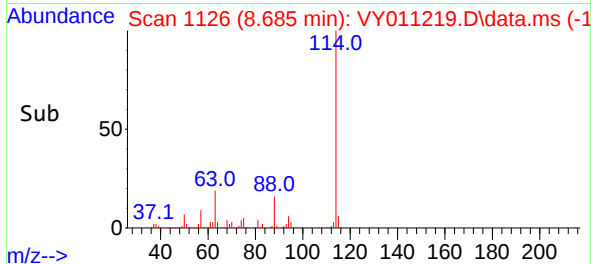
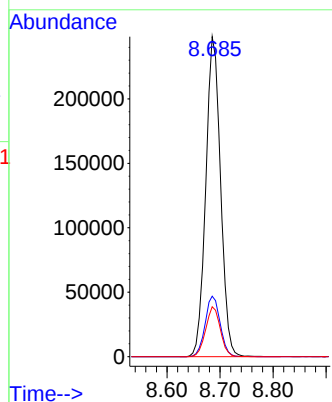
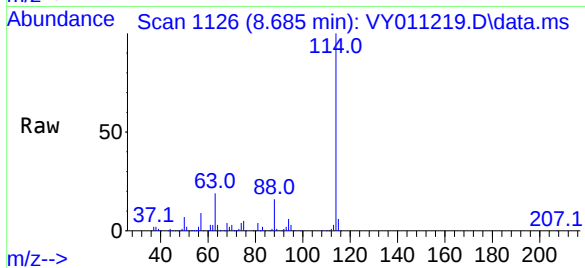
Tgt Ion:114 Resp: 479167

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 15.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.046 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011219.D

Acq: 01 Nov 2022 14:11

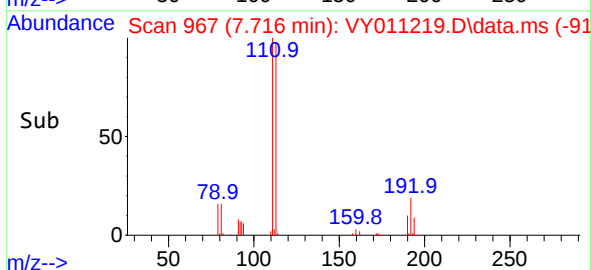
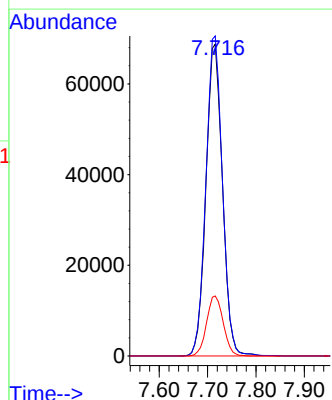
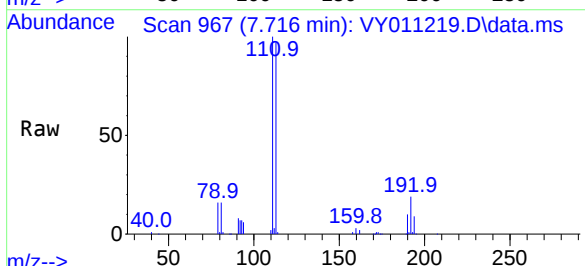
Tgt Ion:113 Resp: 163309

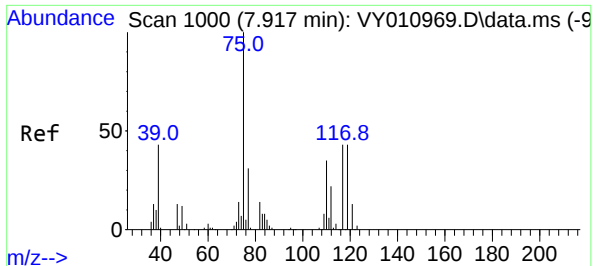
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 19.4 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.130 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY011219.D

Acq: 01 Nov 2022 14:11

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-GRAB-3-SE-QUARTER

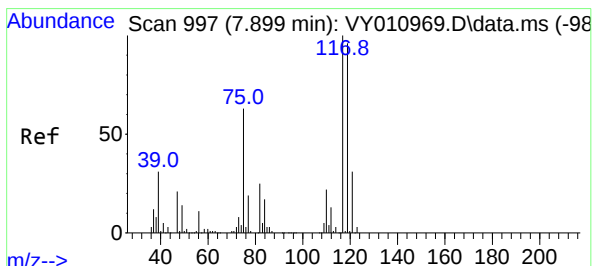
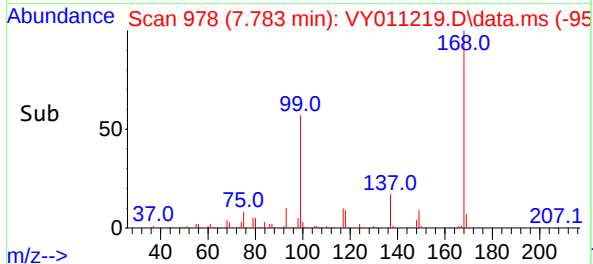
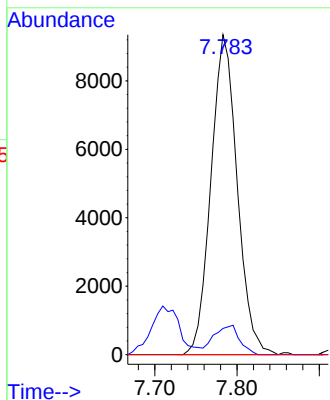
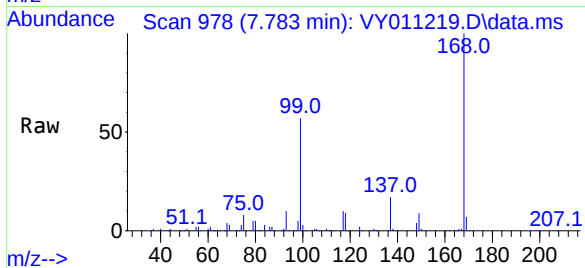
Tgt Ion: 75 Resp: 20763

Ion Ratio Lower Upper

75 100

110 8.8 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.405 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY011219.D

Acq: 01 Nov 2022 14:11

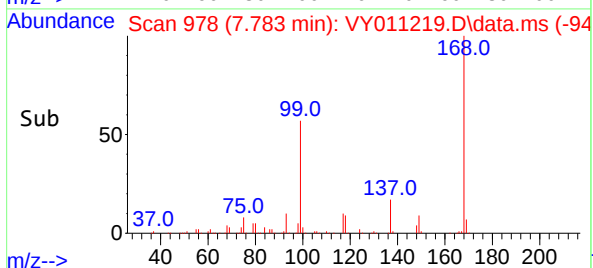
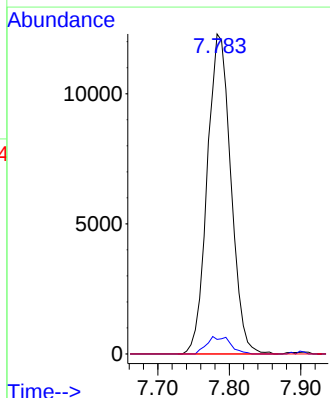
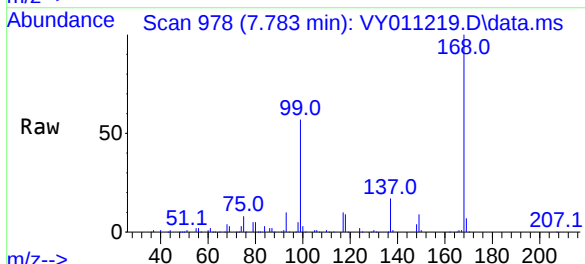
Tgt Ion: 117 Resp: 28194

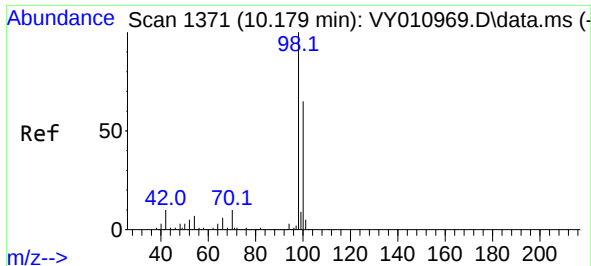
Ion Ratio Lower Upper

117 100

119 4.5 77.9 116.9#

121 0.0 24.8 37.2#

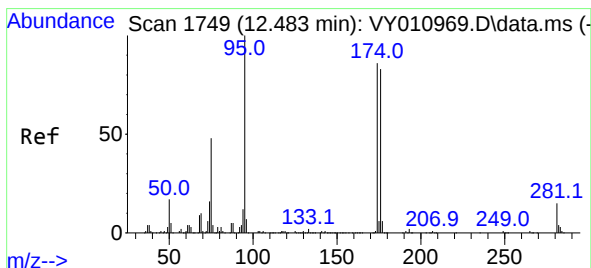
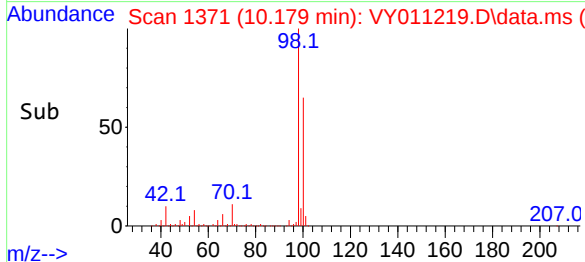
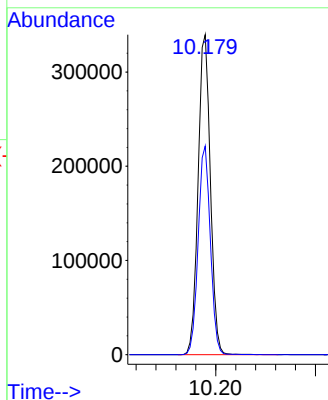
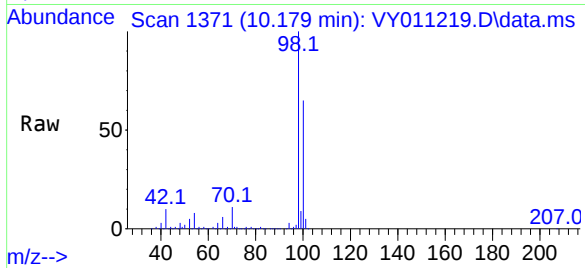




#50
Toluene-d8
Concen: 48.514 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011219.D
Acq: 01 Nov 2022 14:11

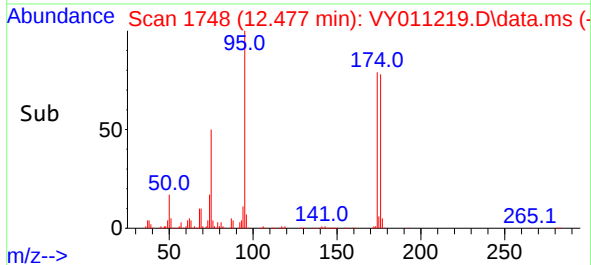
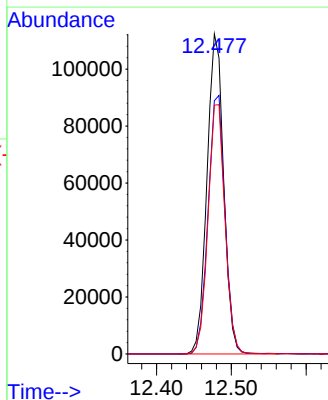
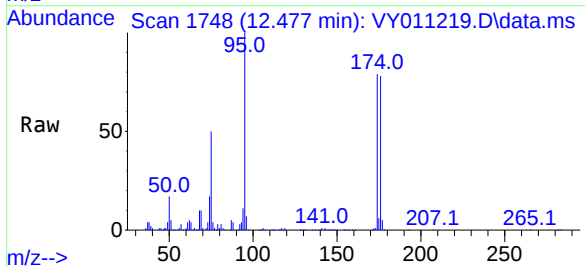
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-GRAB-3-SE-QUARTER

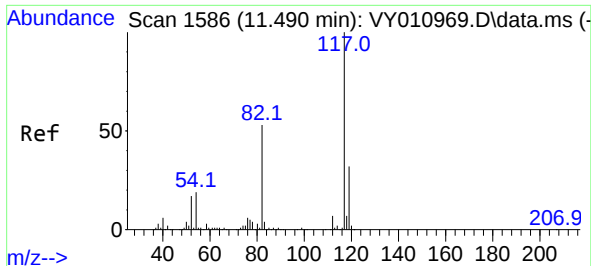
Tgt Ion: 98 Resp: 579885
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.931 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011219.D
Acq: 01 Nov 2022 14:11

Tgt Ion: 95 Resp: 173998
Ion Ratio Lower Upper
95 100
174 82.0 0.0 177.0
176 79.0 0.0 175.8

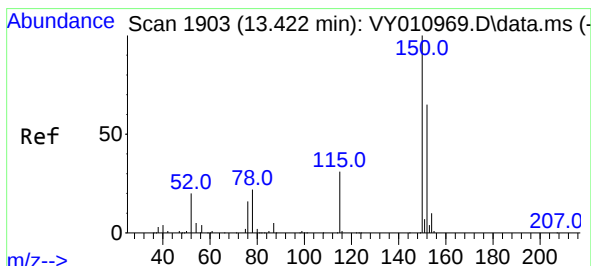
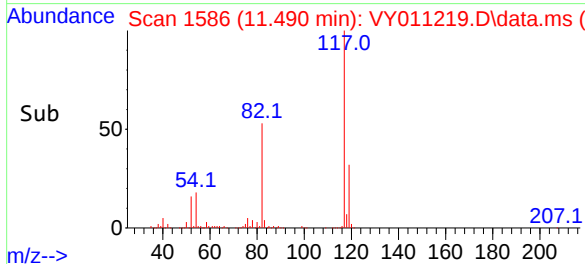
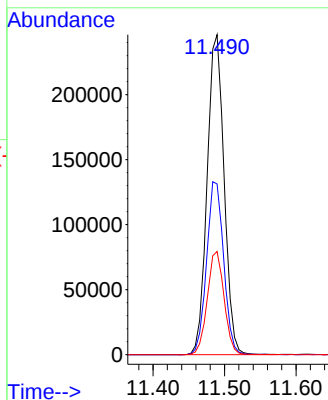
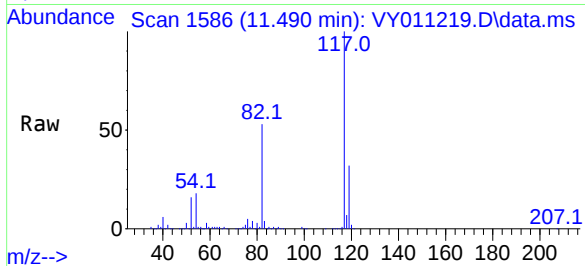




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011219.D
Acq: 01 Nov 2022 14:11

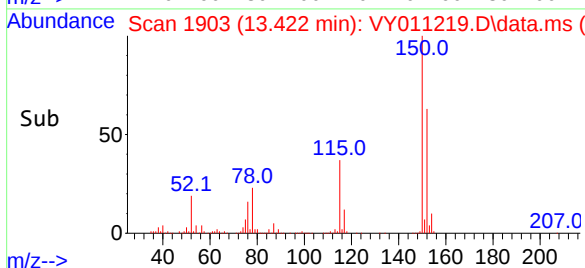
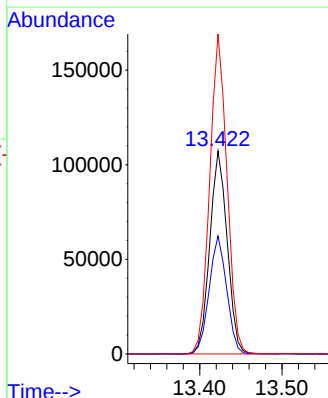
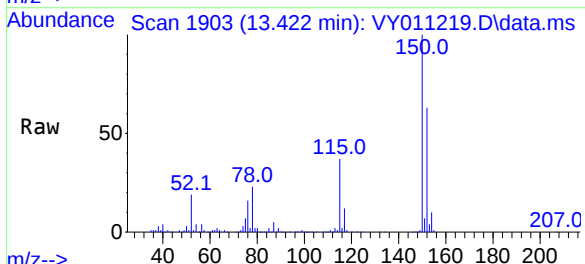
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-GRAB-3-SE-QUARTER

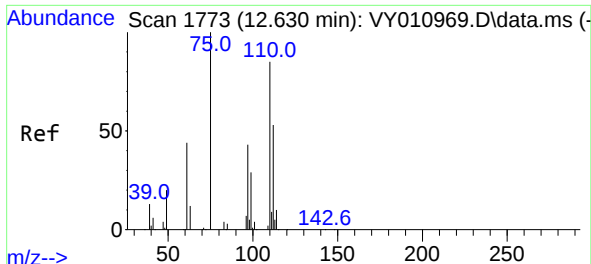
Tgt Ion:	117	Resp:	405503
Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.0	64.4
119	32.2	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011219.D
Acq: 01 Nov 2022 14:11

Tgt Ion:	152	Resp:	158222
Ion	Ratio	Lower	Upper
152	100		
115	58.4	28.2	84.7
150	156.7	0.0	347.6

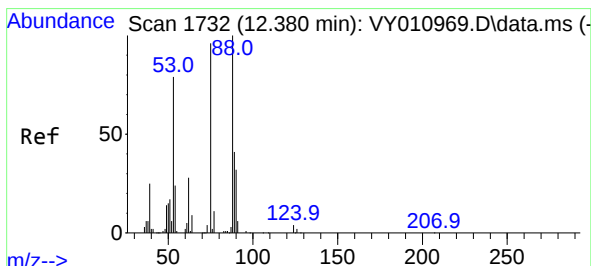
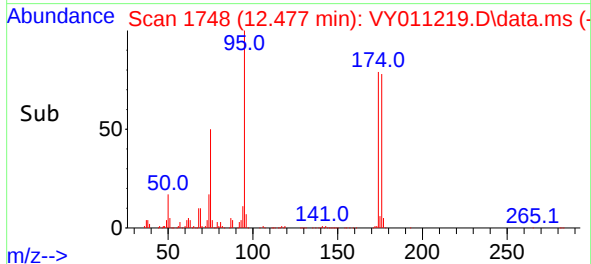
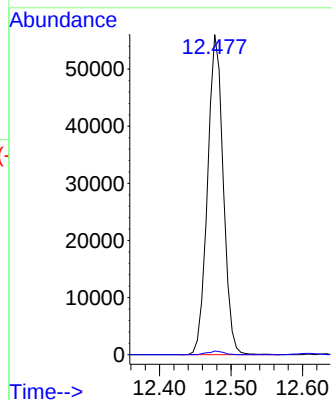
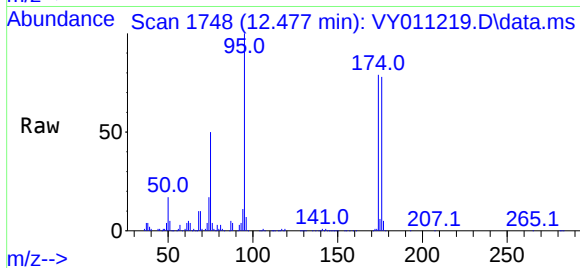




#76
1,2,3-Trichloropropane
Concen: 44.327 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY011219.D
Acq: 01 Nov 2022 14:11

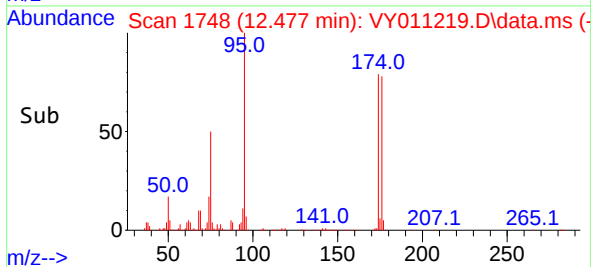
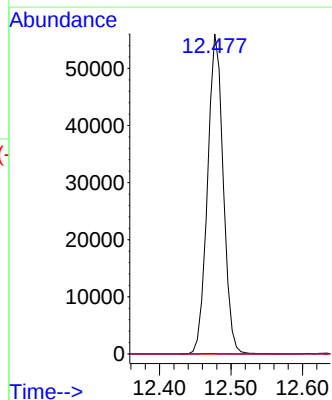
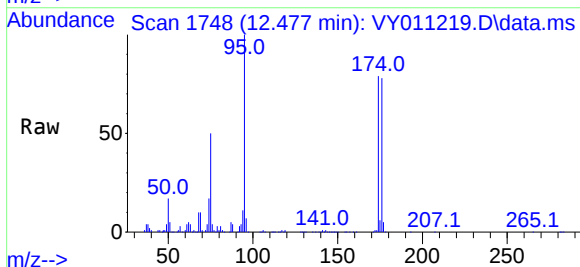
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-GRAB-3-SE-QUARTER

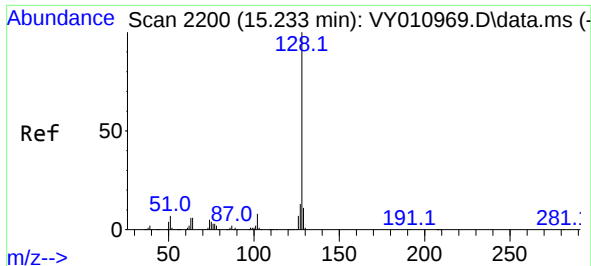
Tgt Ion: 75 Resp: 85384
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.866 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011219.D
Acq: 01 Nov 2022 14:11

Tgt Ion: 75 Resp: 85384
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 0.0 37.0 55.4#





#95

Naphthalene

Concen: 4.246 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY011219.D

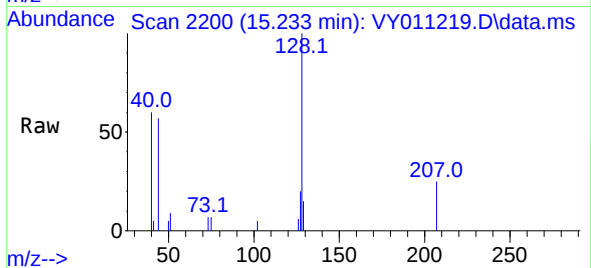
Acq: 01 Nov 2022 14:11

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-GRAB-3-SE-QUARTER



Tgt Ion:128 Resp: 2118

Ion Ratio Lower Upper

128 100

127 14.8 11.0 16.4

129 9.8 8.4 12.6

