

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122222\
 Data File : VY011974.D
 Acq On : 22 Dec 2022 15:01
 Operator : KP/MD
 Sample : N6148-06
 Misc : 6.13g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-3052-GRAB-8

Quant Time: Dec 23 04:32:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

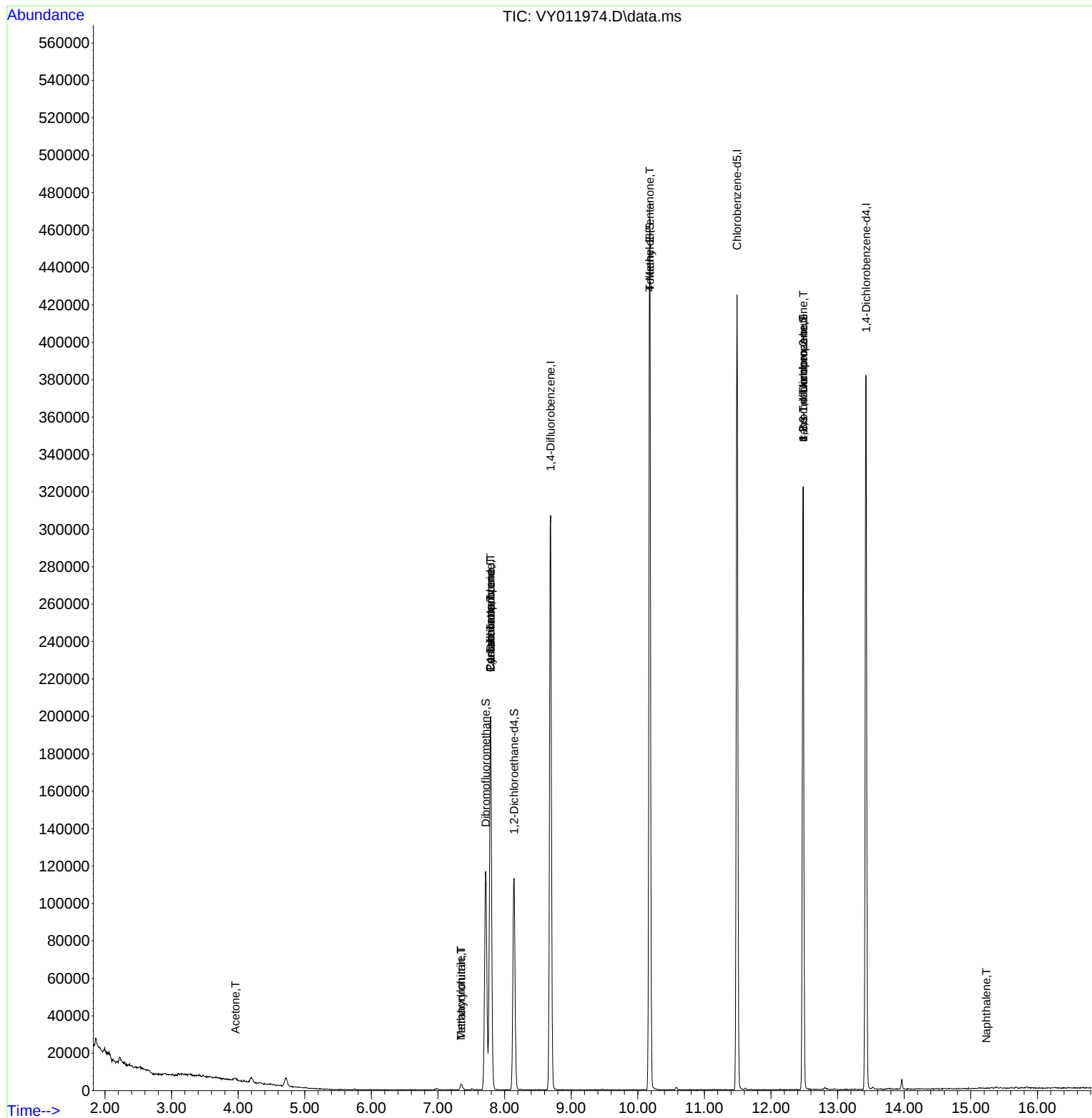
Internal Standards						
1) Pentafluorobenzene	7.789	168	155644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	268961	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	239854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	91803	58.545	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.080%	
35) Dibromofluoromethane	7.716	113	82502	50.952	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.900%	
50) Toluene-d8	10.179	98	317017	48.255	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.520%	
62) 4-Bromofluorobenzene	12.483	95	96349	43.607	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.220%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	2546	10.207	ug/l #	74
20) Methylene Chloride	4.716	84	3801	Below Cal		86
29) Tetrahydrofuran	7.350	42	2231	7.539	ug/l #	88
31) Cyclohexane	7.789	56	2790	1.057	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	11199	4.312	ug/l #	51
38) Carbon Tetrachloride	7.789	117	15238	5.080	ug/l #	18
41) Methacrylonitrile	7.344	41	1327	2.355	ug/l #	100
51) 4-Methyl-2-Pentanone	10.179	43	1226	1.080	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	50552	38.175	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	50552	104.541	ug/l #	13
95) Naphthalene	15.233	128	255	2.840	ug/l #	69

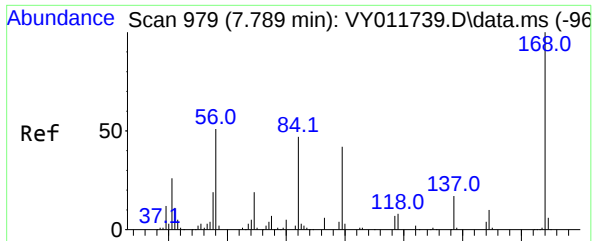
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122222\
Data File : VY011974.D
Acq On : 22 Dec 2022 15:01
Operator : KP/MD
Sample : N6148-06
Misc : 6.13g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VOC-3052-GRAB-8

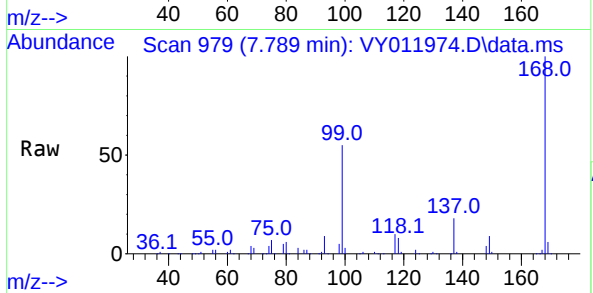
Quant Time: Dec 23 04:32:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 20 12:37:37 2022
Response via : Initial Calibration



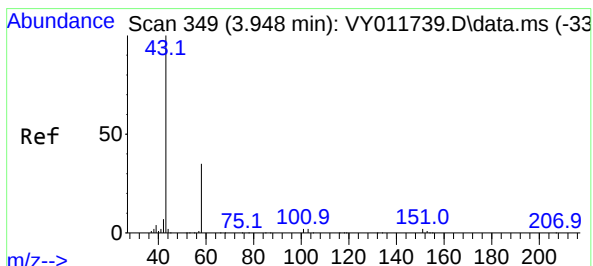
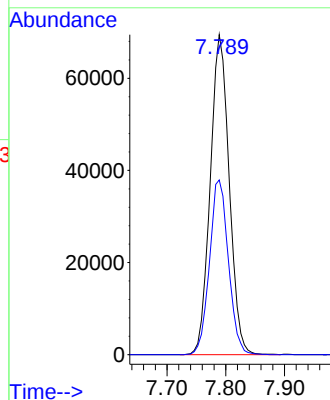
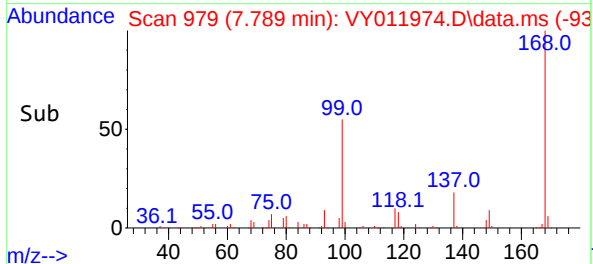


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011974.D
Acq: 22 Dec 2022 15:01

Instrument :
MSVOA_Y
ClientSampleId :
VOC-3052-GRAB-8

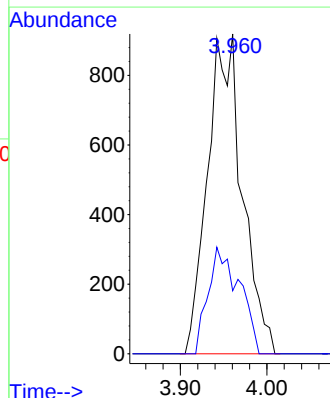
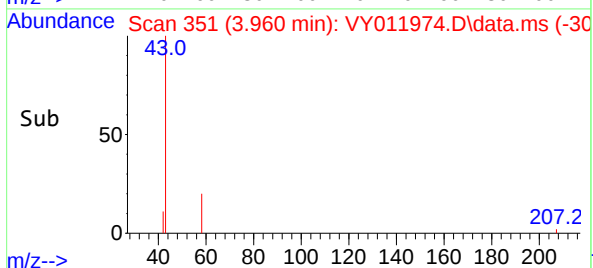
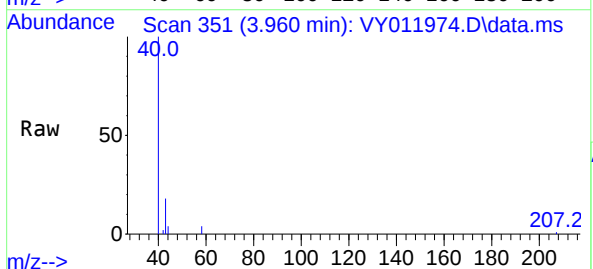


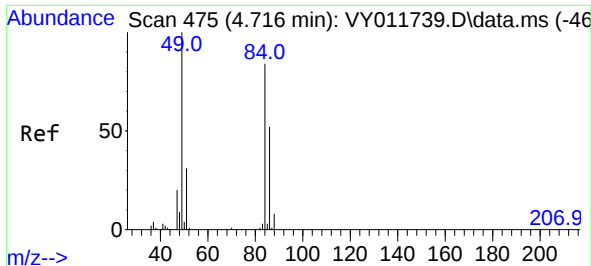
Tgt Ion:168 Resp: 155644
Ion Ratio Lower Upper
168 100
99 54.6 44.0 66.0



#16
Acetone
Concen: 10.207 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY011974.D
Acq: 22 Dec 2022 15:01

Tgt Ion: 43 Resp: 2546
Ion Ratio Lower Upper
43 100
58 19.7 27.9 41.9#



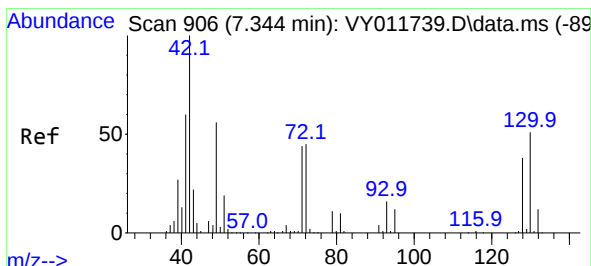
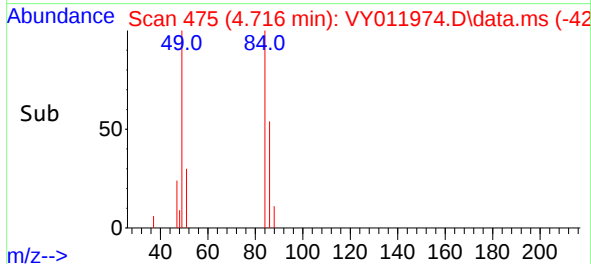
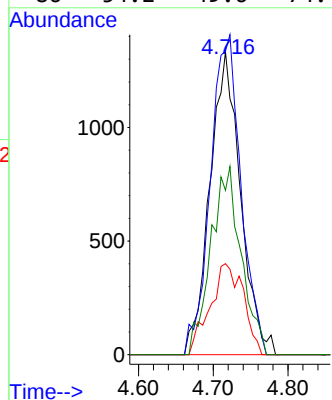
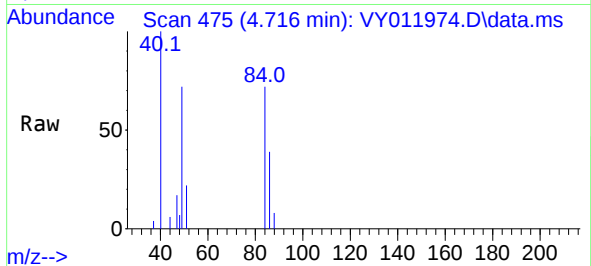


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011974.D
Acq: 22 Dec 2022 15:01

Instrument :
MSVOA_Y
ClientSampleId :
VOC-3052-GRAB-8

Tgt Ion: 84 Resp: 3801

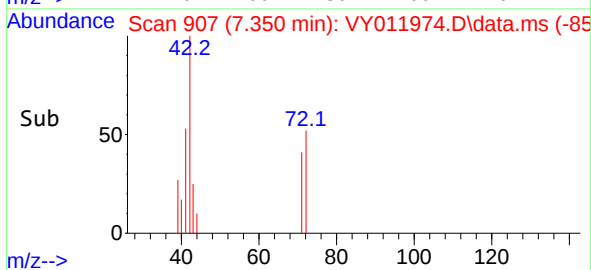
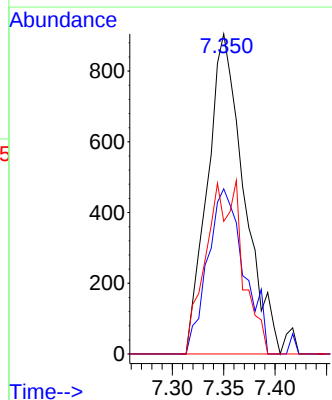
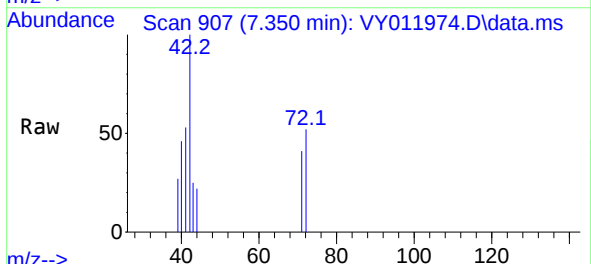
Ion	Ratio	Lower	Upper
84	100		
49	100.2	95.4	143.2
51	30.1	29.9	44.9
86	54.2	49.6	74.4

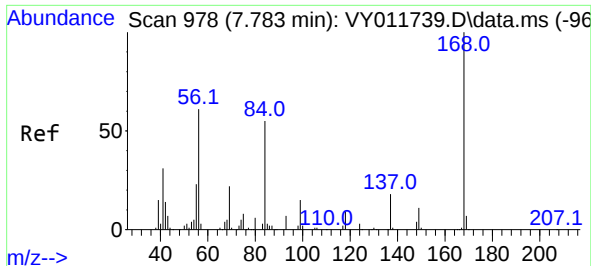


#29
Tetrahydrofuran
Concen: 7.539 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY011974.D
Acq: 22 Dec 2022 15:01

Tgt Ion: 42 Resp: 2231

Ion	Ratio	Lower	Upper
42	100		
72	51.7	37.0	55.6
71	53.4	34.9	52.3

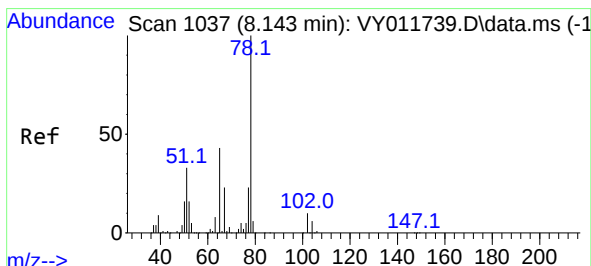
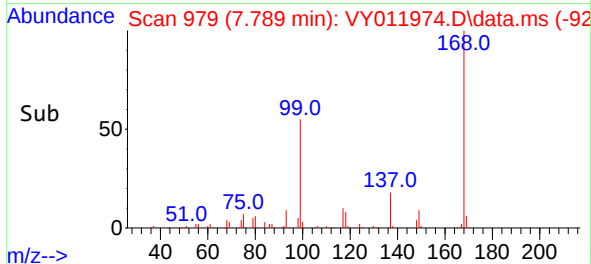
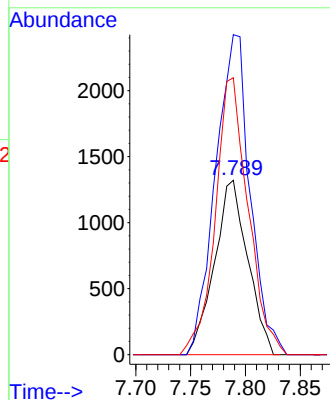
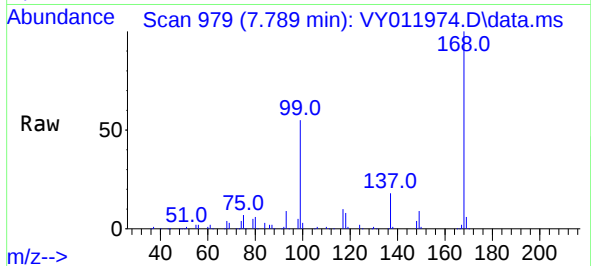




#31
Cyclohexane
Concen: 1.057 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011974.D
Acq: 22 Dec 2022 15:01

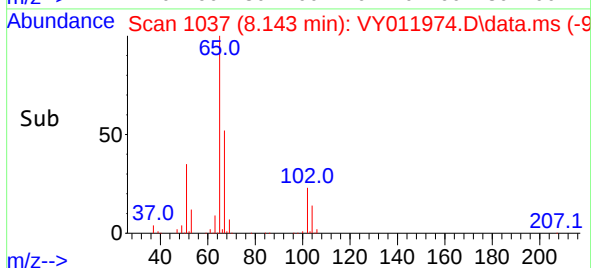
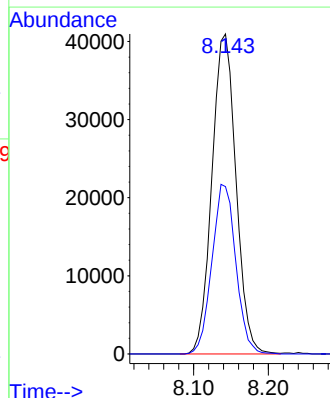
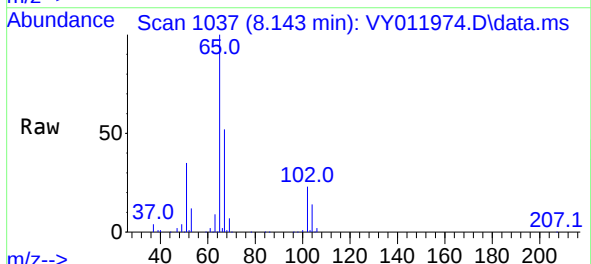
Instrument :
MSVOA_Y
ClientSampleId :
VOC-3052-GRAB-8

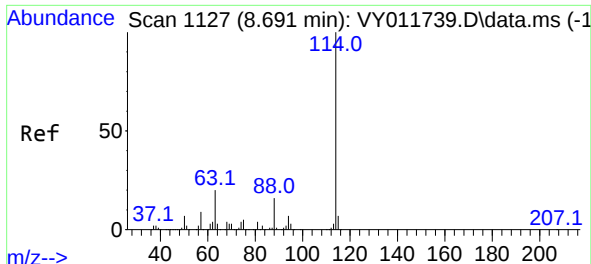
Tgt Ion: 56 Resp: 2790
Ion Ratio Lower Upper
56 100
69 183.5 29.2 43.8#
84 158.8 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 58.545 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011974.D
Acq: 22 Dec 2022 15:01

Tgt Ion: 65 Resp: 91803
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011974.D

Acq: 22 Dec 2022 15:01

Instrument :

MSVOA_Y

ClientSampleId :

VOC-3052-GRAB-8

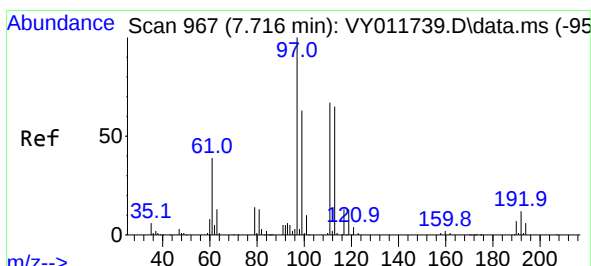
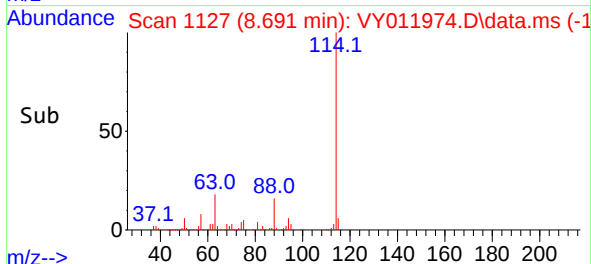
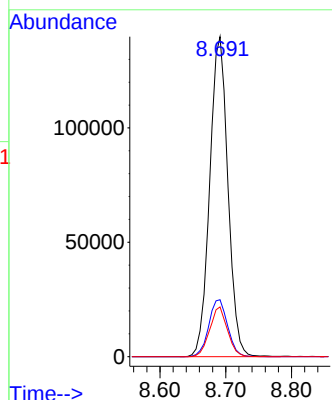
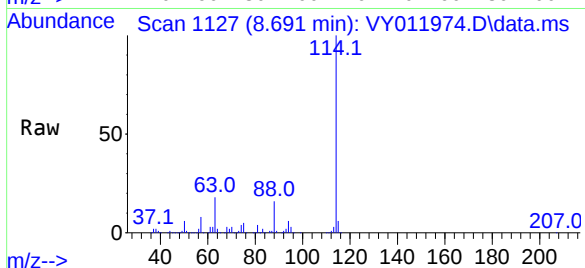
Tgt Ion:114 Resp: 268961

Ion Ratio Lower Upper

114 100

63 17.8 0.0 39.6

88 15.5 0.0 32.2



#35

Dibromofluoromethane

Concen: 50.952 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011974.D

Acq: 22 Dec 2022 15:01

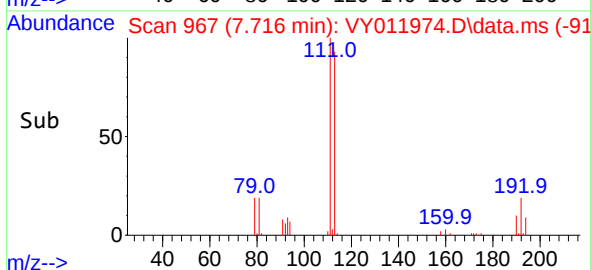
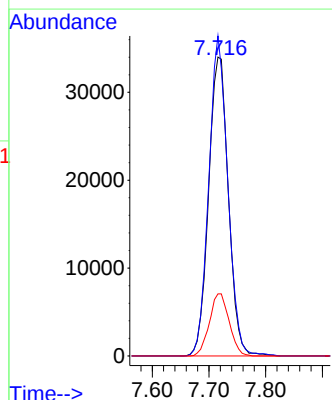
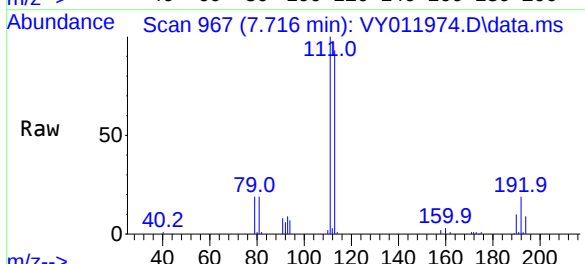
Tgt Ion:113 Resp: 82502

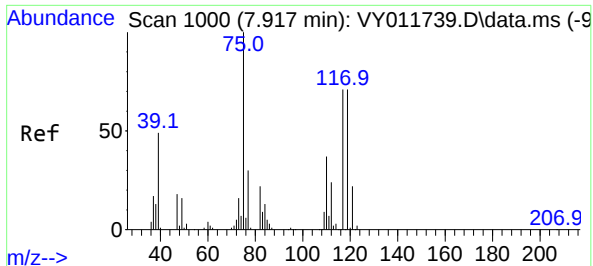
Ion Ratio Lower Upper

113 100

111 102.8 83.0 124.4

192 20.8 16.0 24.0





#36

1,1-Dichloropropene

Concen: 4.312 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY011974.D

Acq: 22 Dec 2022 15:01

Instrument :

MSVOA_Y

ClientSampleId :

VOC-3052-GRAB-8

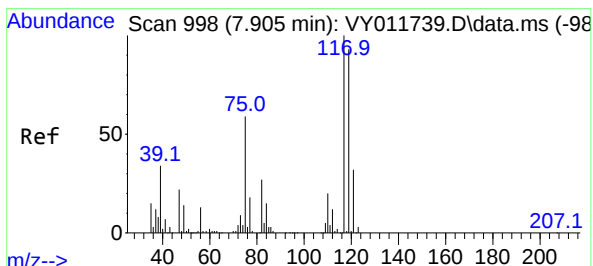
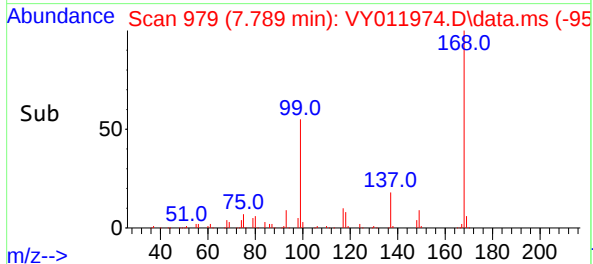
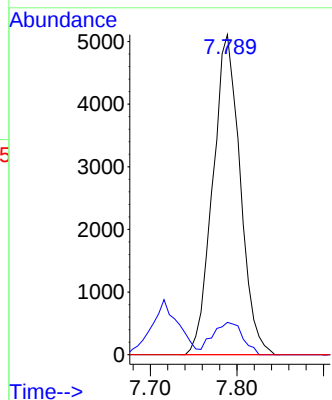
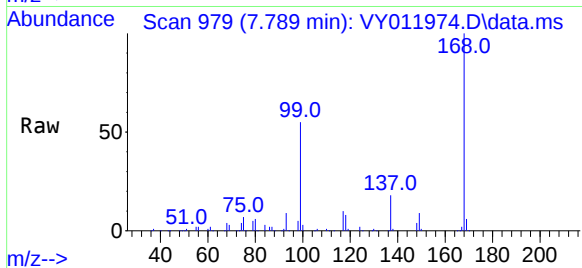
Tgt Ion: 75 Resp: 11199

Ion Ratio Lower Upper

75 100

110 11.0 18.1 54.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.080 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY011974.D

Acq: 22 Dec 2022 15:01

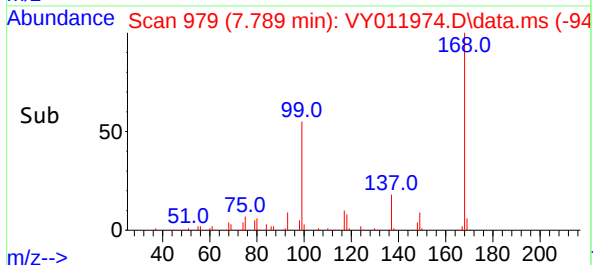
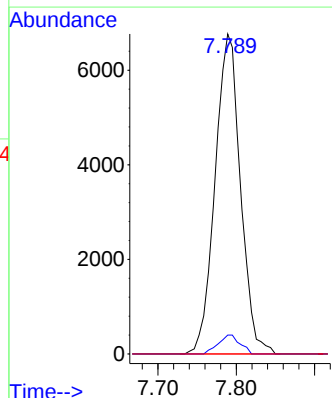
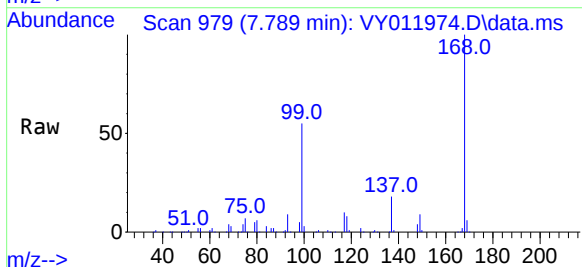
Tgt Ion: 117 Resp: 15238

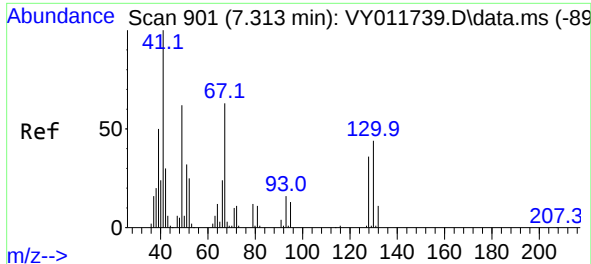
Ion Ratio Lower Upper

117 100

119 5.9 73.8 110.8#

121 0.0 25.2 37.8#





#41

Methacrylonitrile

Concen: 2.355 ug/l

RT: 7.344 min Scan# 901

Delta R.T. 0.030 min

Lab File: VY011974.D

Acq: 22 Dec 2022 15:01

Instrument :

MSVOA_Y

ClientSampleId :

VOC-3052-GRAB-8

Tgt Ion: 41 Resp: 1327

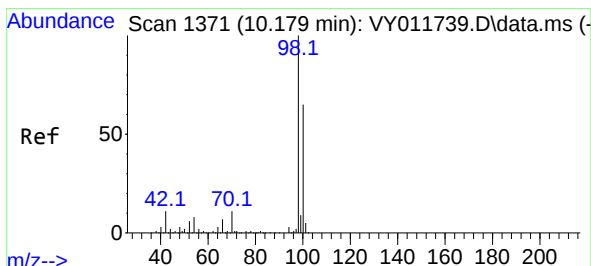
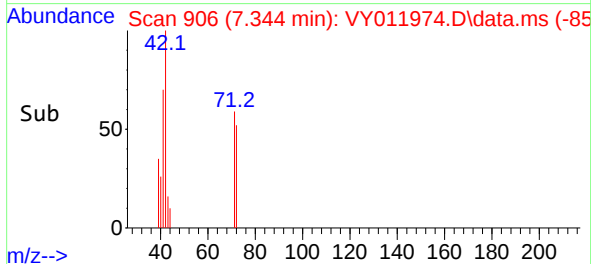
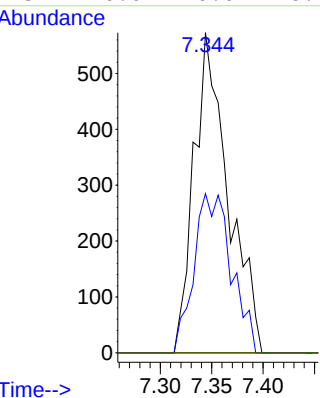
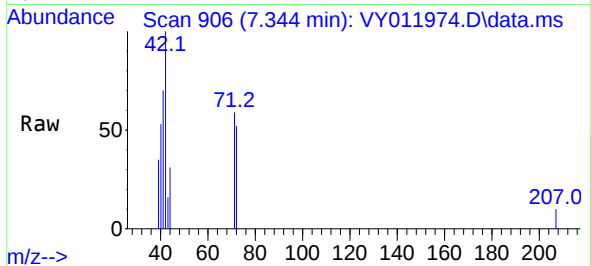
Ion Ratio Lower Upper

41 100

39 54.2 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0



#50

Toluene-d8

Concen: 48.255 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011974.D

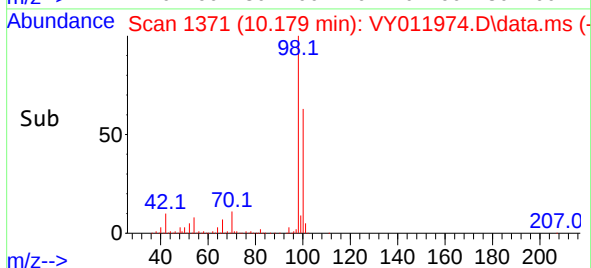
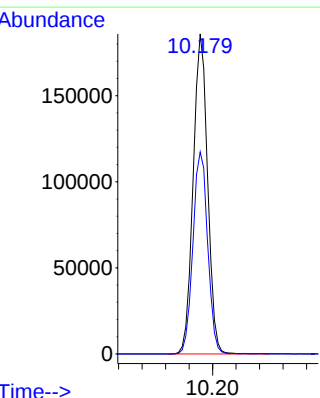
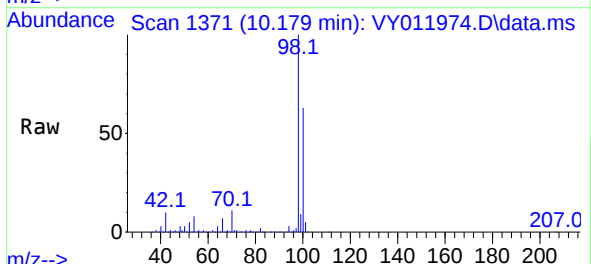
Acq: 22 Dec 2022 15:01

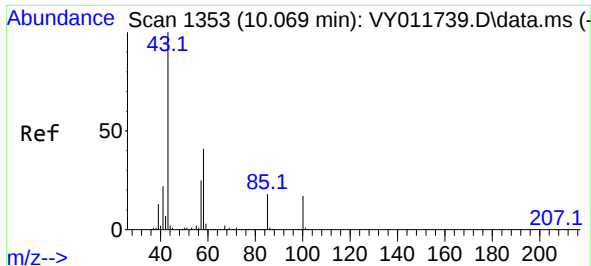
Tgt Ion: 98 Resp: 317017

Ion Ratio Lower Upper

98 100

100 64.4 51.9 77.9

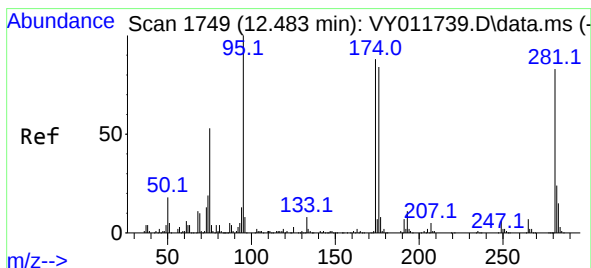
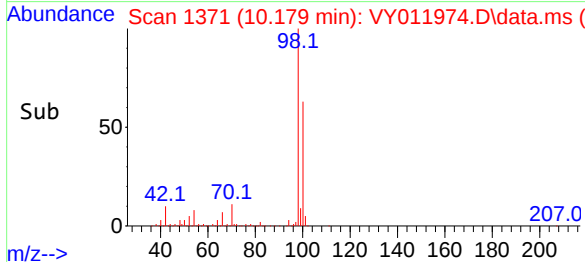
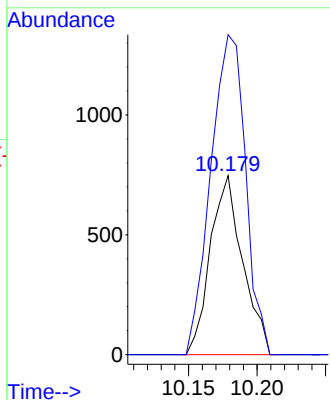
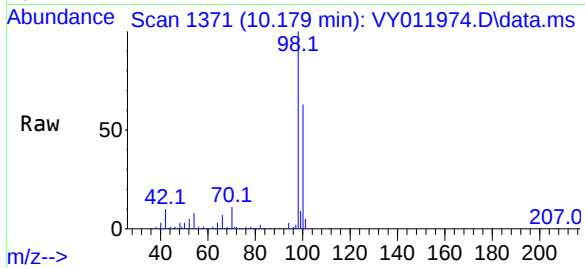




#51
4-Methyl-2-Pentanone
Concen: 1.080 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY011974.D
Acq: 22 Dec 2022 15:01

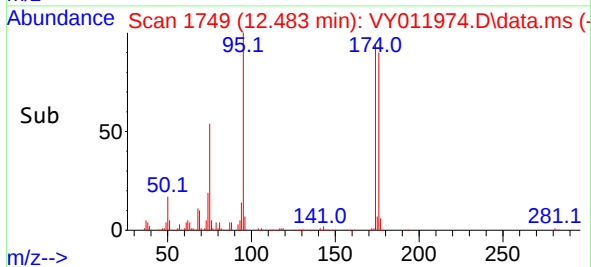
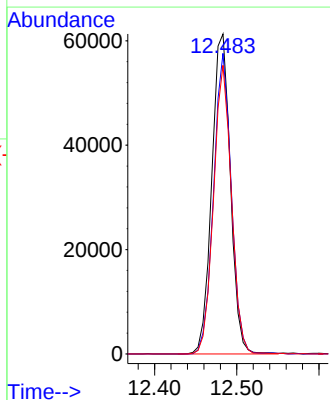
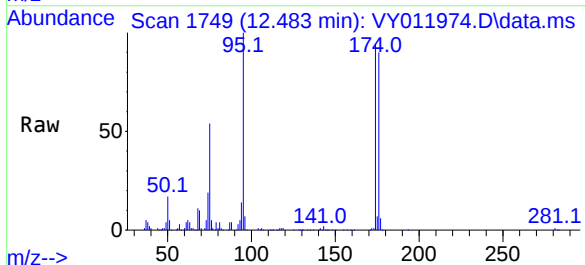
Instrument :
MSVOA_Y
ClientSampleId :
VOC-3052-GRAB-8

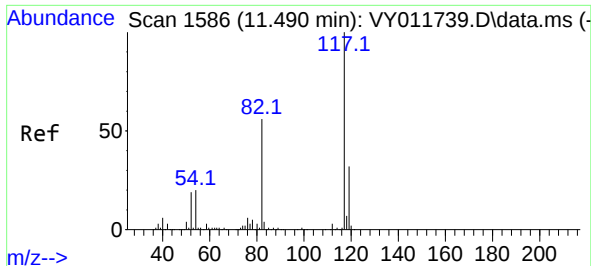
Tgt Ion: 43 Resp: 1226
Ion Ratio Lower Upper
43 100
58 192.6 32.9 49.3#



#62
4-Bromofluorobenzene
Concen: 43.607 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011974.D
Acq: 22 Dec 2022 15:01

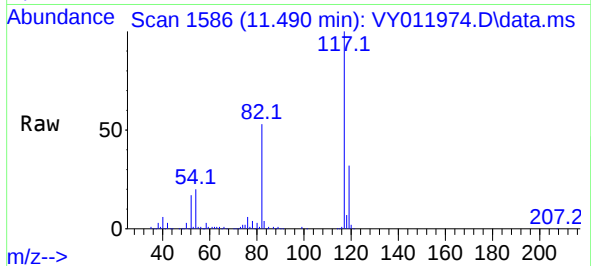
Tgt Ion: 95 Resp: 96349
Ion Ratio Lower Upper
95 100
174 89.6 0.0 172.0
176 86.7 0.0 167.6



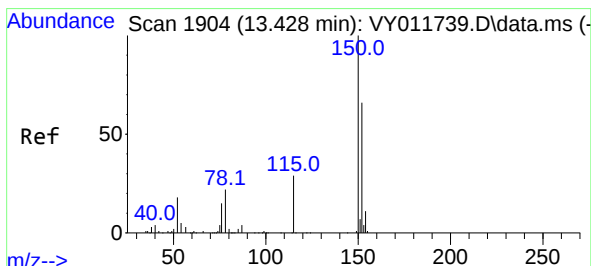
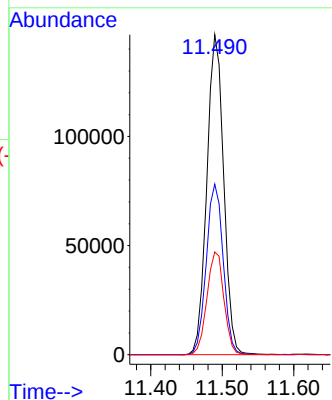
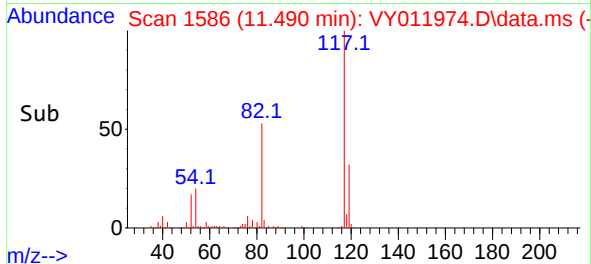


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011974.D
Acq: 22 Dec 2022 15:01

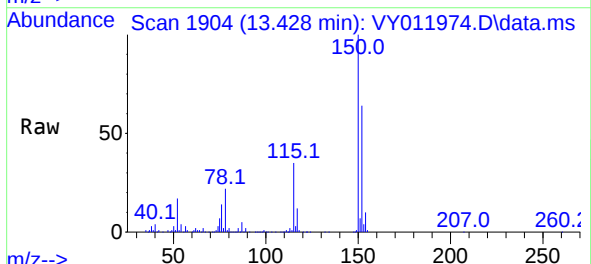
Instrument :
MSVOA_Y
ClientSampleId :
VOC-3052-GRAB-8



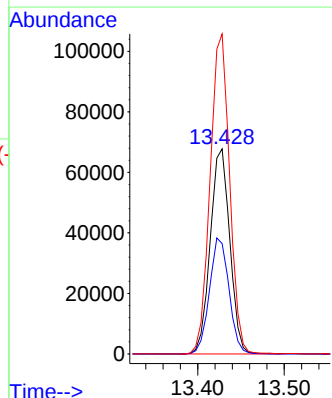
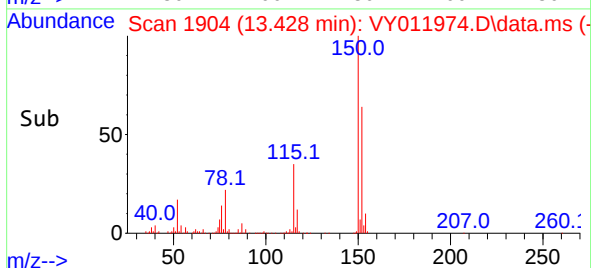
Tgt Ion:117 Resp: 239854
Ion Ratio Lower Upper
117 100
82 53.3 44.8 67.2
119 32.1 25.4 38.2

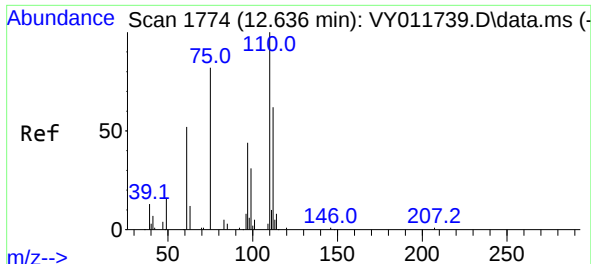


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011974.D
Acq: 22 Dec 2022 15:01



Tgt Ion:152 Resp: 106421
Ion Ratio Lower Upper
152 100
115 56.4 29.1 87.3
150 155.2 0.0 342.6

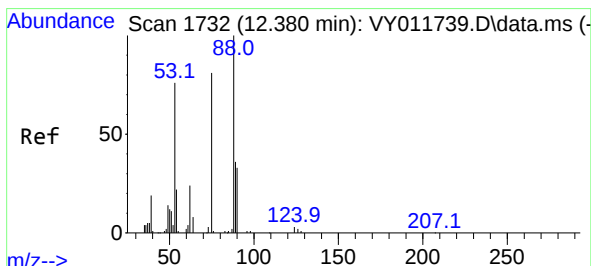
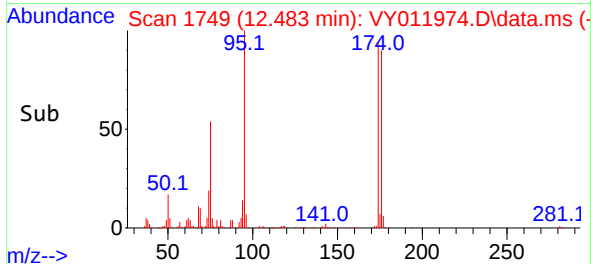
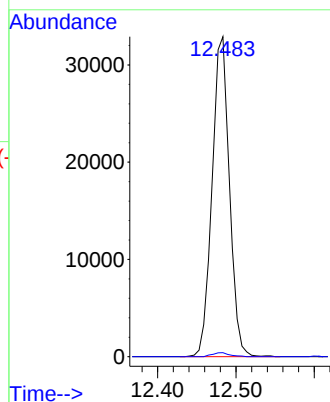
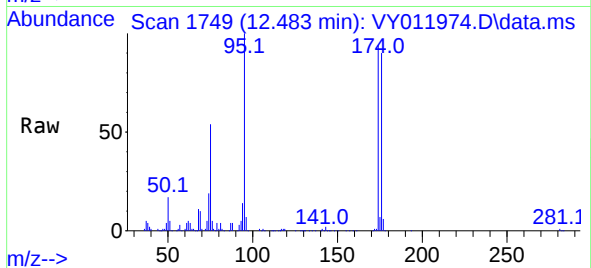




#76
1,2,3-Trichloropropane
Concen: 38.175 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY011974.D
Acq: 22 Dec 2022 15:01

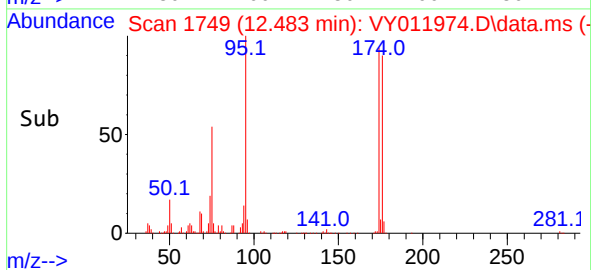
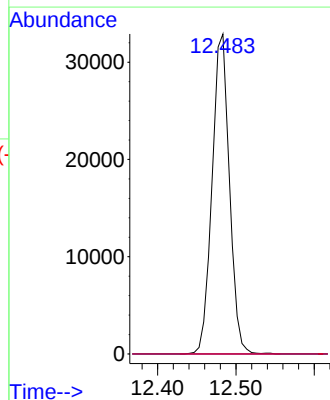
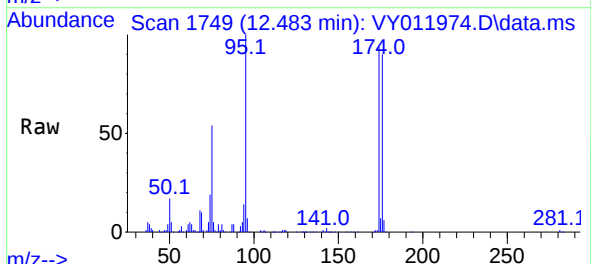
Instrument :
MSVOA_Y
ClientSampleId :
VOC-3052-GRAB-8

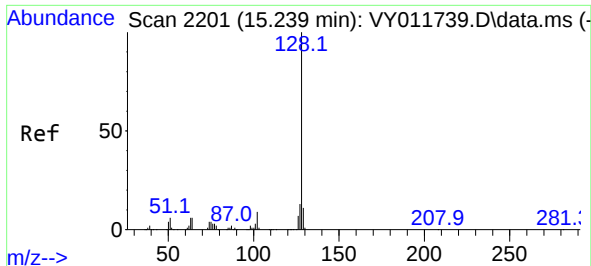
Tgt Ion: 75 Resp: 50552
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.541 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY011974.D
Acq: 22 Dec 2022 15:01

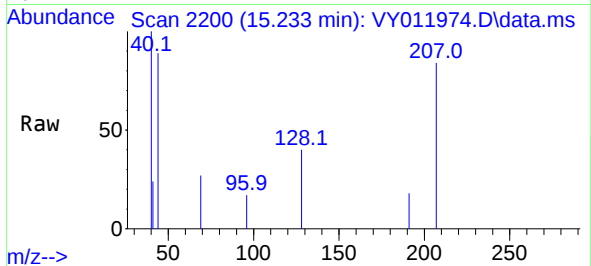
Tgt Ion: 75 Resp: 50552
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 2.840 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY011974.D
Acq: 22 Dec 2022 15:01

Instrument :
MSVOA_Y
ClientSampleId :
VOC-3052-GRAB-8



Tgt Ion:	128	Resp:	255
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.8	13.2#

