

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021423\
 Data File : VY012587.D
 Acq On : 14 Feb 2023 14:34
 Operator : KP/MD
 Sample : 01538-07
 Misc : 5.41g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOT-VOC-GRAB-32

Quant Time: Feb 15 01:28:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

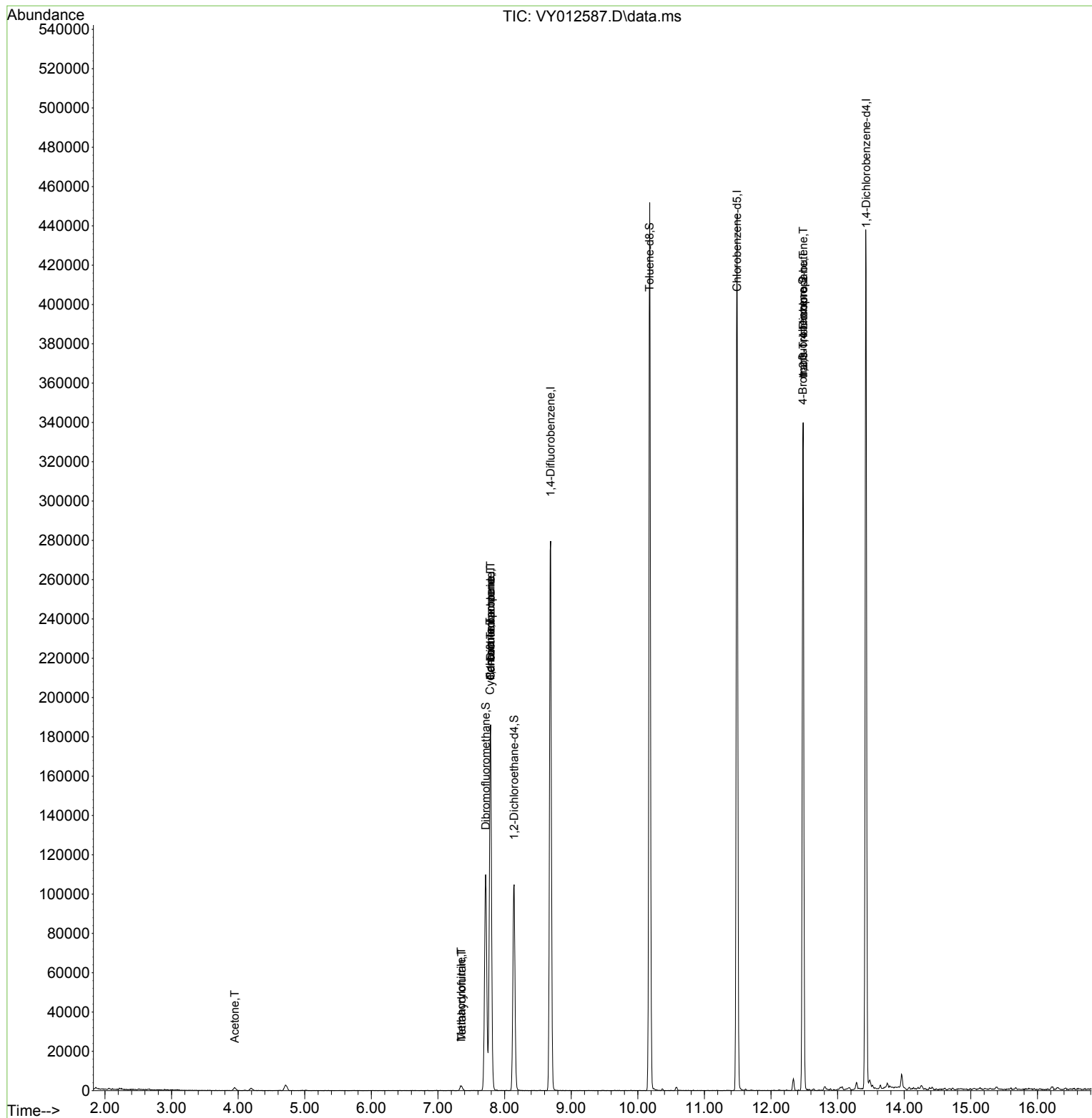
Internal Standards						
1) Pentafluorobenzene	7.789	168	149186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	249269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	248354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	119372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	89221	47.031	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.060%
35) Dibromofluoromethane	7.716	113	74111	40.825	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.660%
50) Toluene-d8	10.179	98	296833	39.285	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.560%
62) 4-Bromofluorobenzene	12.477	95	101152	38.380	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.760%
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	141	Below Cal		96
16) Acetone	3.948	43	2571	5.631	ug/l	97
20) Methylene Chloride	4.704	84	2566	Below Cal		92
29) Tetrahydrofuran	7.356	42	1734	6.331	ug/l #	85
31) Cyclohexane	7.783	56	2739	1.249	ug/l #	47
36) 1,1-Dichloropropene	7.789	75	9502	3.868	ug/l #	51
38) Carbon Tetrachloride	7.789	117	14562	4.415	ug/l #	17
41) Methacrylonitrile	7.350	41	941	1.549	ug/l #	100
76) 1,2,3-Trichloropropane	12.483	75	54642	40.971	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	54642	92.392	ug/l #	12

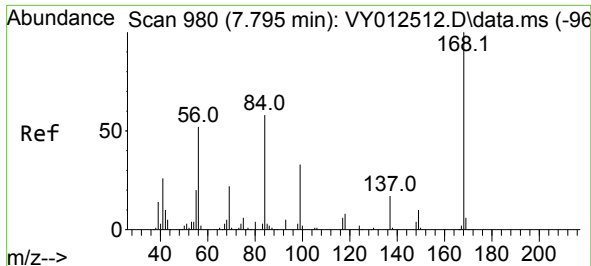
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021423\
Data File : VY012587.D
Acq On : 14 Feb 2023 14:34
Operator : KP/MD
Sample : 01538-07
Misc : 5.41g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-GRAB-32

Quant Time: Feb 15 01:28:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 08 01:09:03 2023
Response via : Initial Calibration

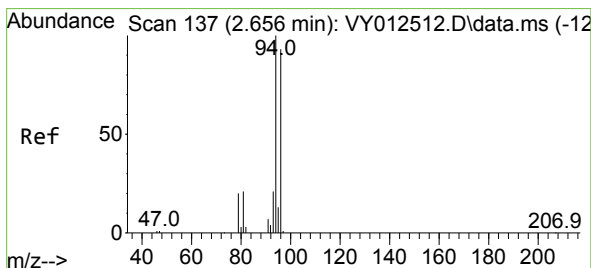
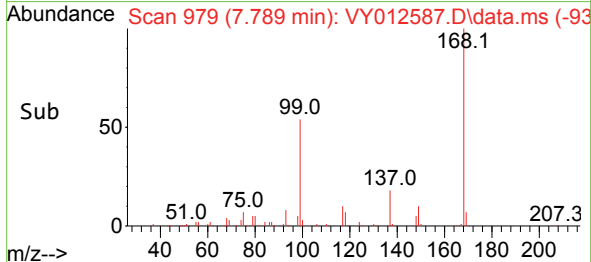
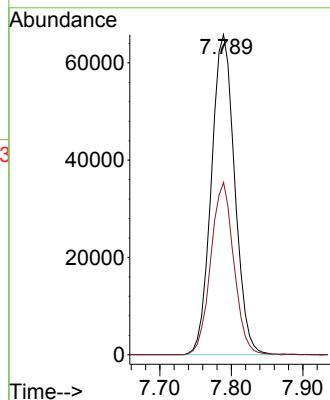
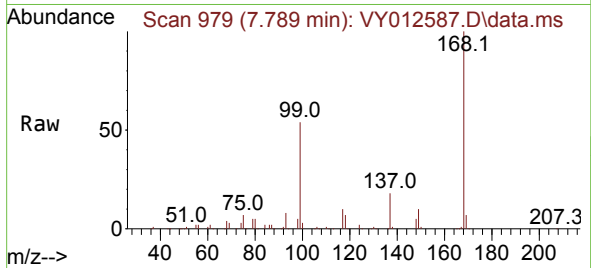




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012587.D
Acq: 14 Feb 2023 14:34

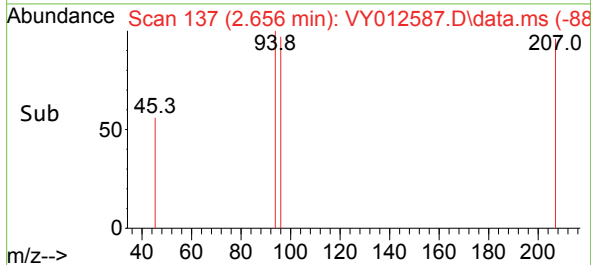
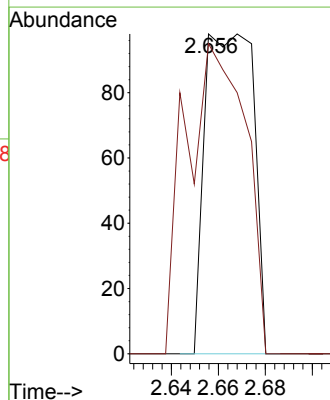
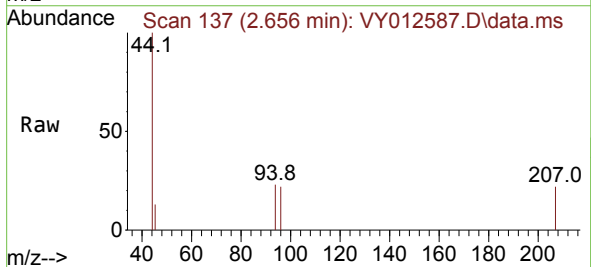
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-GRAB-32

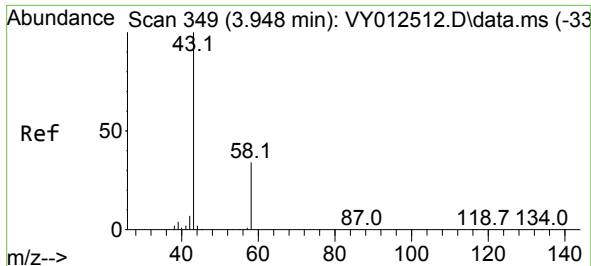
Tgt Ion:168 Resp: 149186
Ion Ratio Lower Upper
168 100
99 53.8 40.8 61.2



#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 137
Delta R.T. -0.000 min
Lab File: VY012587.D
Acq: 14 Feb 2023 14:34

Tgt Ion: 94 Resp: 141
Ion Ratio Lower Upper
94 100
96 96.9 74.7 112.1





#16

Acetone

Concen: 5.631 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY012587.D

Acq: 14 Feb 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

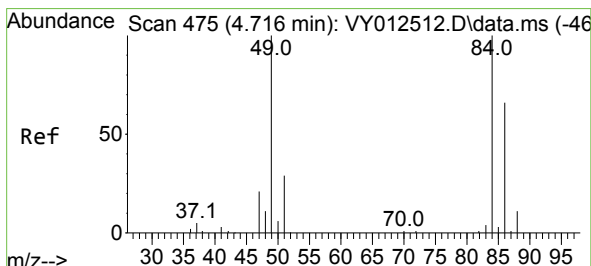
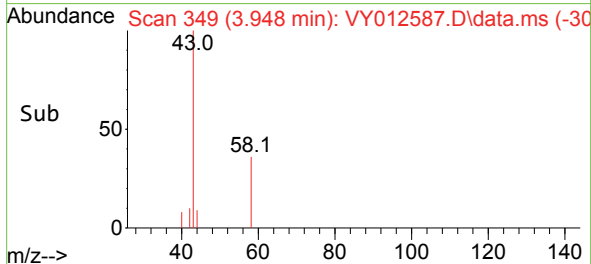
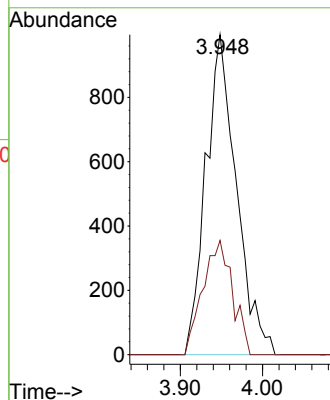
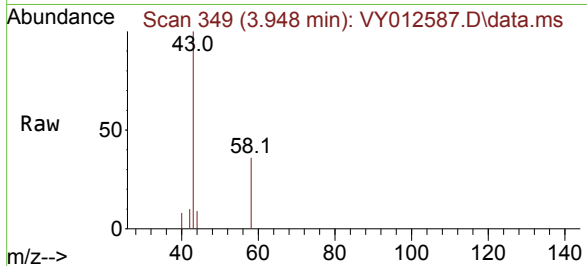
TOT-VOC-GRAB-32

Tgt Ion: 43 Resp: 2571

Ion Ratio Lower Upper

43 100

58 35.7 27.1 40.7



#20

Methylene Chloride

Concen: Below Cal

RT: 4.704 min Scan# 473

Delta R.T. -0.012 min

Lab File: VY012587.D

Acq: 14 Feb 2023 14:34

Tgt Ion: 84 Resp: 2566

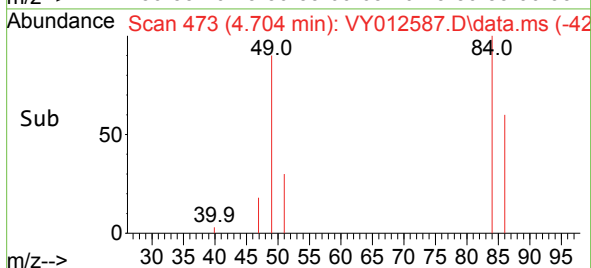
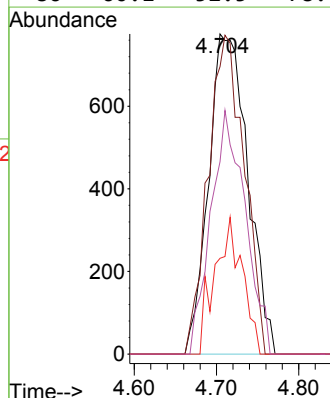
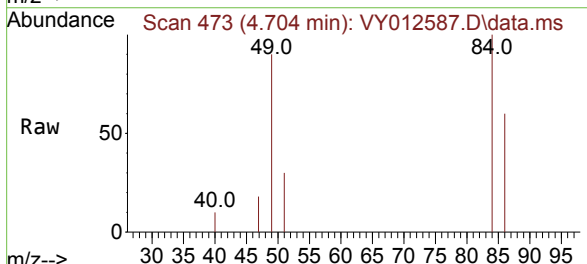
Ion Ratio Lower Upper

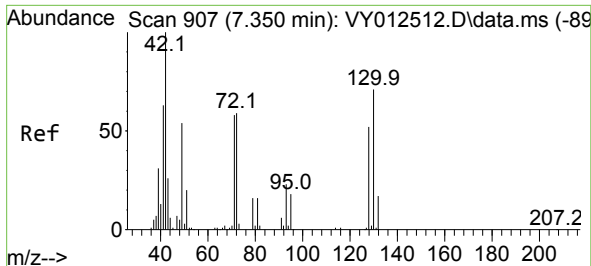
84 100

49 89.8 79.8 119.6

51 29.9 23.4 35.2

86 60.1 52.5 78.7





#29

Tetrahydrofuran

Concen: 6.331 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY012587.D

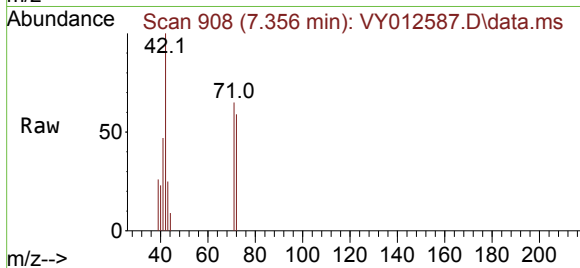
Acq: 14 Feb 2023 14:34

Instrument :

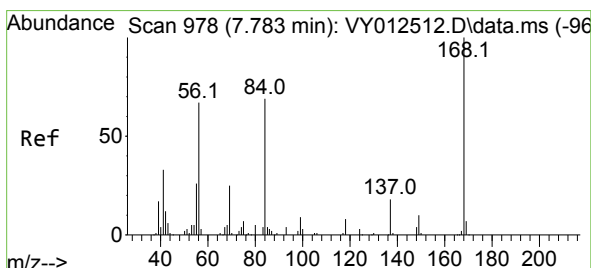
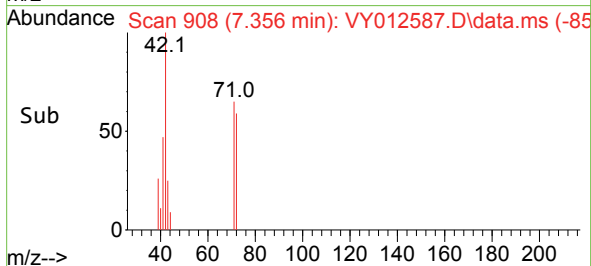
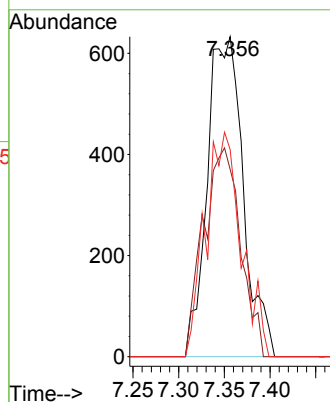
MSVOA_Y

ClientSampleId :

TOT-VOC-GRAB-32



Tgt Ion:	42	Resp:	1734
Ion Ratio	Lower	Upper	
42	100		
72	67.2	47.0	70.6
71	69.6	44.6	66.8



#31

Cyclohexane

Concen: 1.249 ug/l

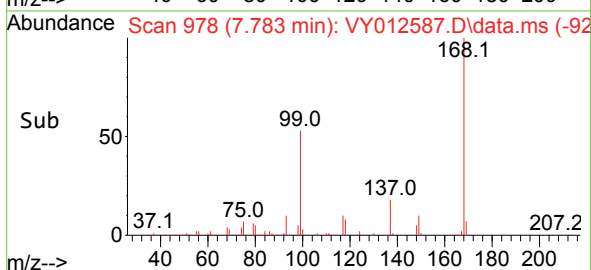
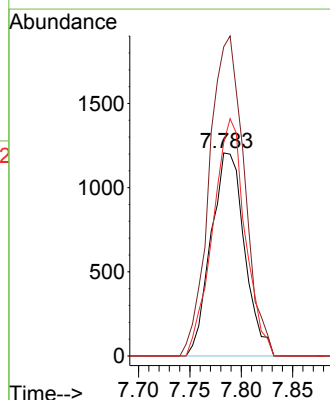
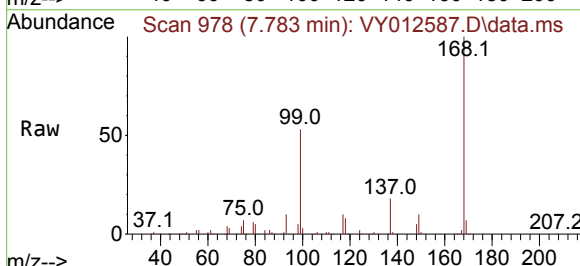
RT: 7.783 min Scan# 978

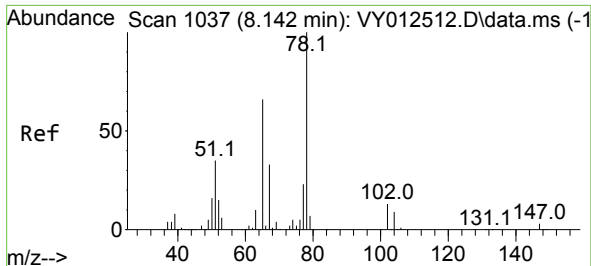
Delta R.T. 0.000 min

Lab File: VY012587.D

Acq: 14 Feb 2023 14:34

Tgt Ion:	56	Resp:	2739
Ion Ratio	Lower	Upper	
56	100		
69	152.2	29.5	44.3
84	105.1	81.9	122.9

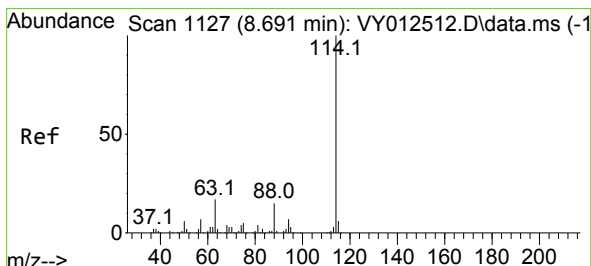
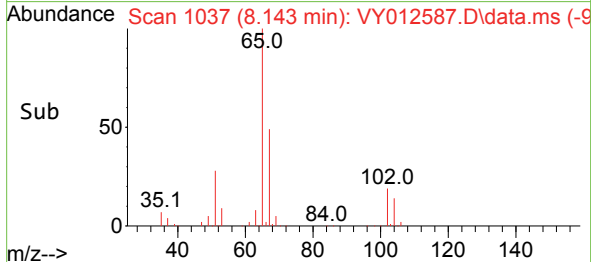
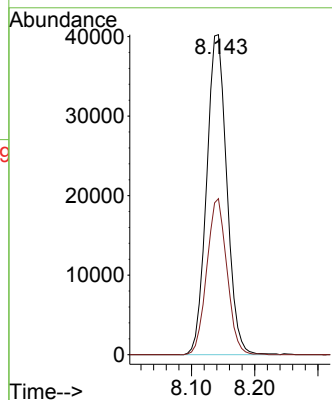
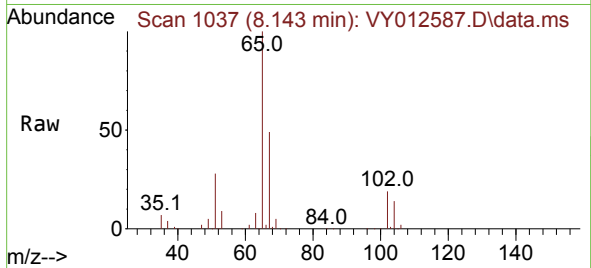




#33
1,2-Dichloroethane-d4
Concen: 47.031 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY012587.D
Acq: 14 Feb 2023 14:34

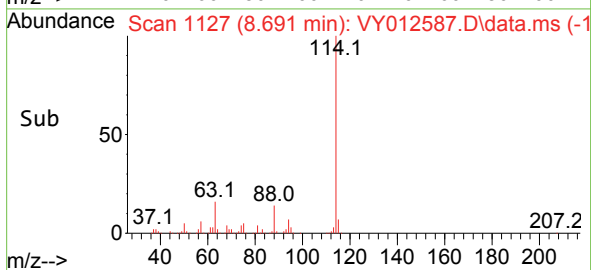
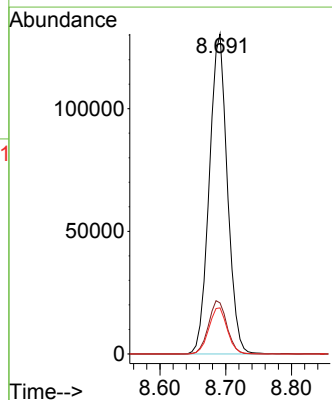
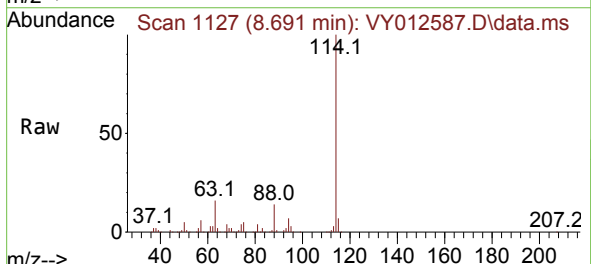
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-GRAB-32

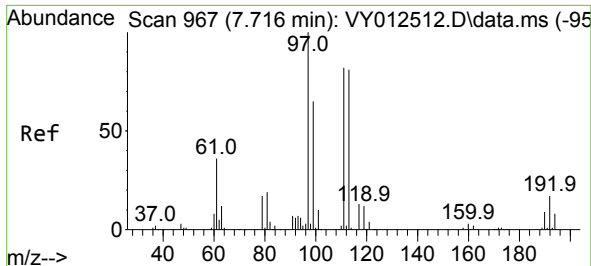
Tgt Ion: 65 Resp: 89221
Ion Ratio Lower Upper
65 100
67 48.6 0.0 98.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012587.D
Acq: 14 Feb 2023 14:34

Tgt Ion:114 Resp: 249269
Ion Ratio Lower Upper
114 100
63 16.0 0.0 33.6
88 14.4 0.0 29.8

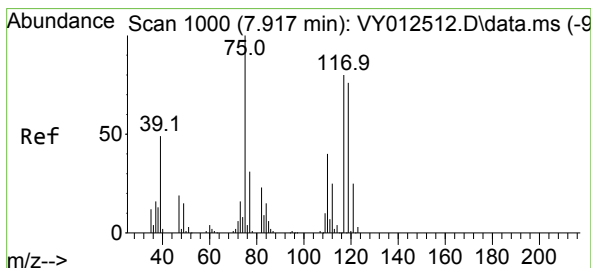
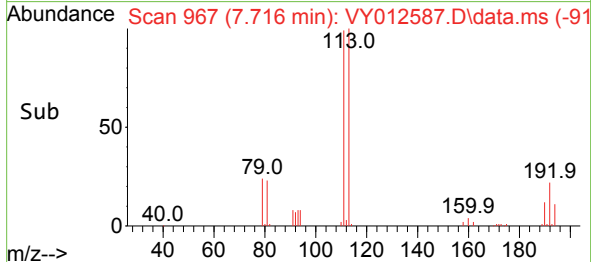
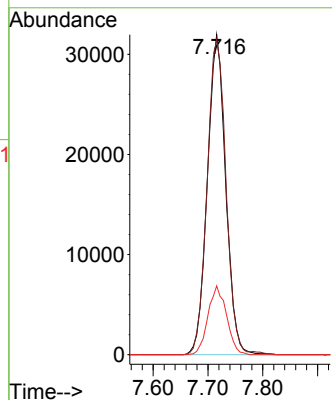
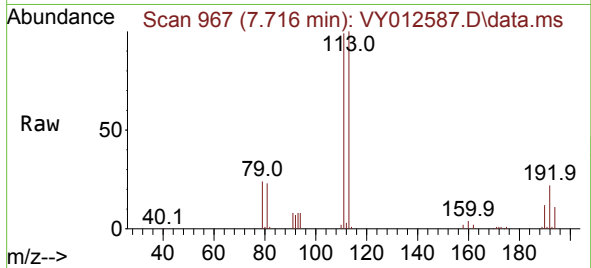




#35
Dibromofluoromethane
Concen: 40.825 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY012587.D
Acq: 14 Feb 2023 14:34

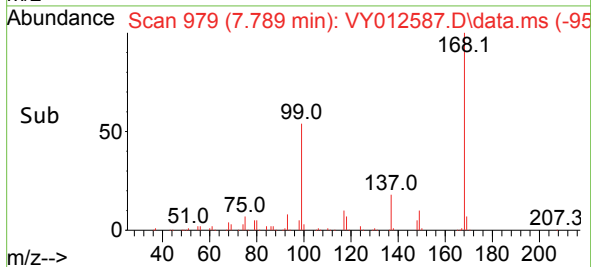
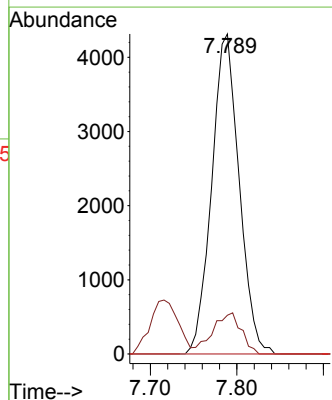
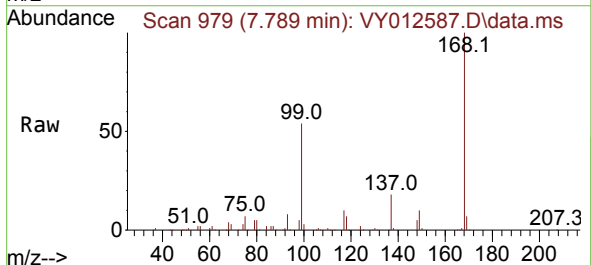
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-GRAB-32

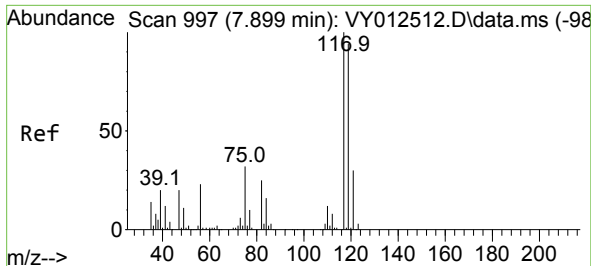
Tgt Ion:113 Resp: 74111
Ion Ratio Lower Upper
113 100
111 101.7 81.9 122.9
192 21.7 17.5 26.3



#36
1,1-Dichloropropene
Concen: 3.868 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012587.D
Acq: 14 Feb 2023 14:34

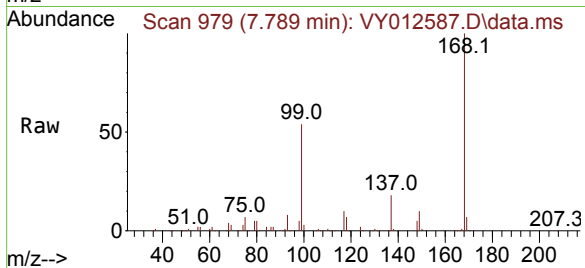
Tgt Ion: 75 Resp: 9502
Ion Ratio Lower Upper
75 100
110 13.2 19.5 58.5#
77 0.0 24.9 37.3#



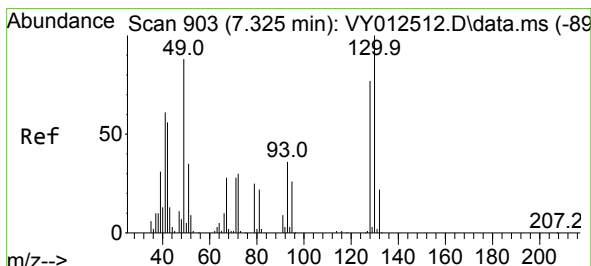
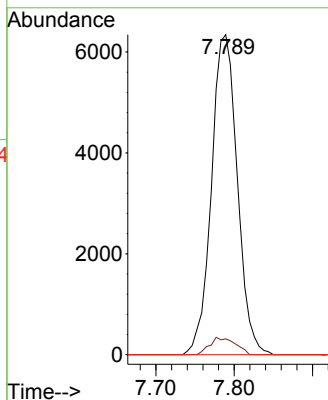
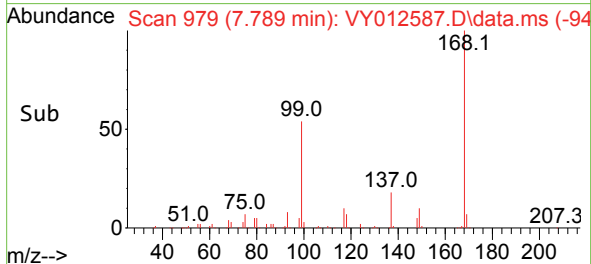


#38
Carbon Tetrachloride
Concen: 4.415 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012587.D
Acq: 14 Feb 2023 14:34

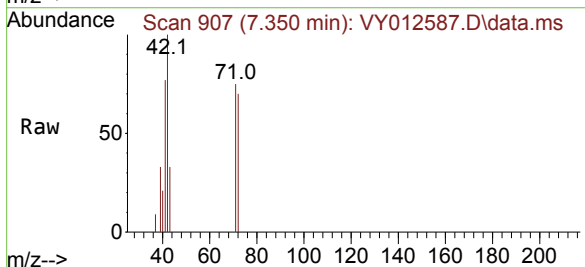
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-GRAB-32



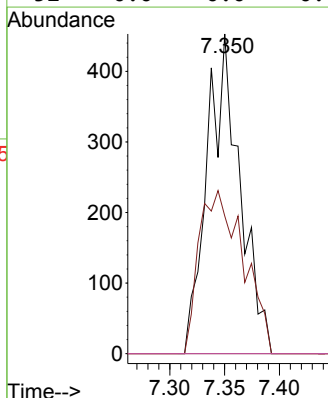
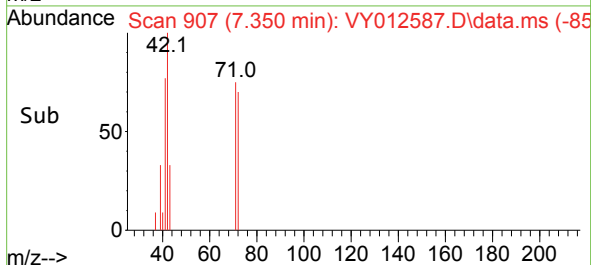
Tgt Ion:117 Resp: 14562
Ion Ratio Lower Upper
117 100
119 5.0 75.1 112.7#
121 0.0 24.3 36.5#

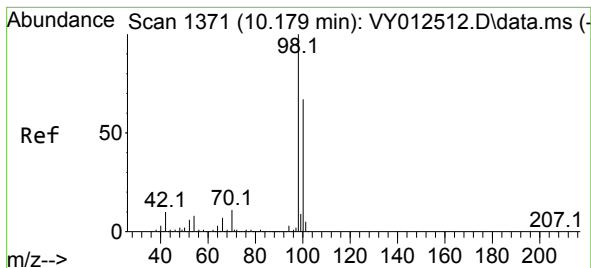


#41
Methacrylonitrile
Concen: 1.549 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.025 min
Lab File: VY012587.D
Acq: 14 Feb 2023 14:34



Tgt Ion: 41 Resp: 941
Ion Ratio Lower Upper
41 100
39 69.2 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0





#50

Toluene-d8

Concen: 39.285 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012587.D

Acq: 14 Feb 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

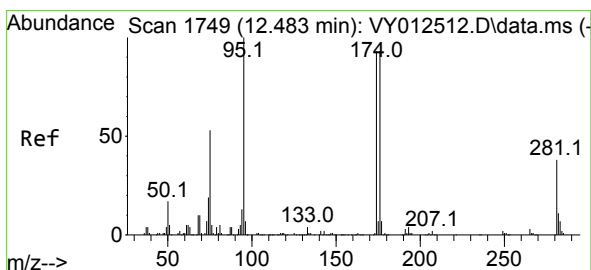
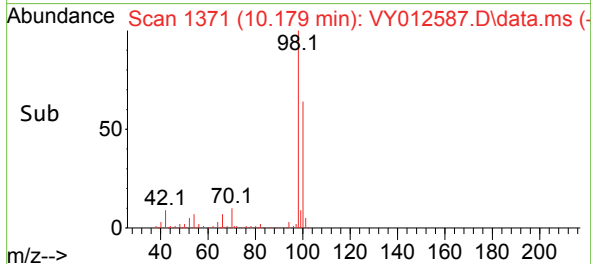
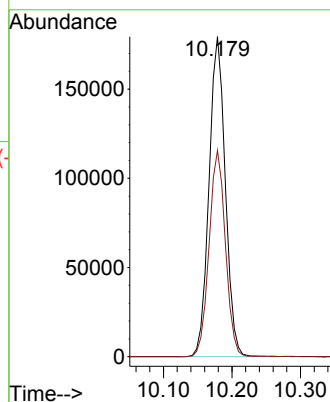
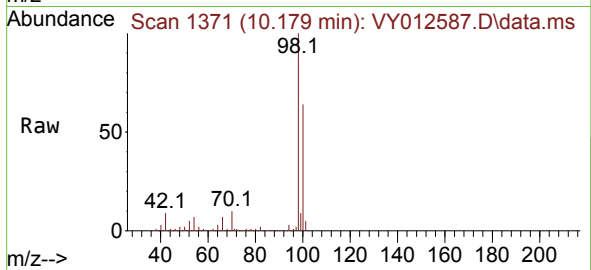
TOT-VOC-GRAB-32

Tgt Ion: 98 Resp: 296833

Ion Ratio Lower Upper

98 100

100 64.5 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 38.380 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY012587.D

Acq: 14 Feb 2023 14:34

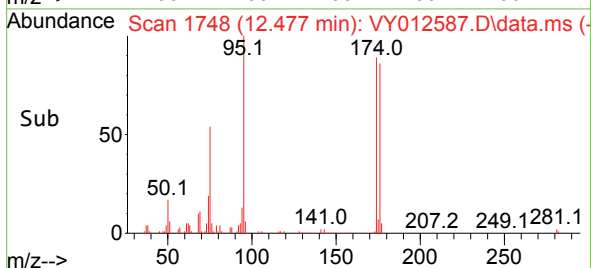
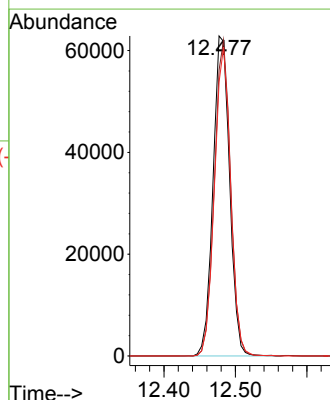
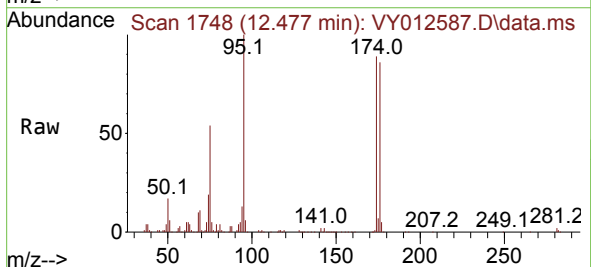
Tgt Ion: 95 Resp: 101152

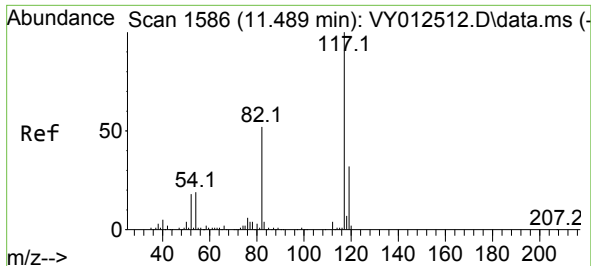
Ion Ratio Lower Upper

95 100

174 96.5 0.0 188.0

176 94.2 0.0 183.6

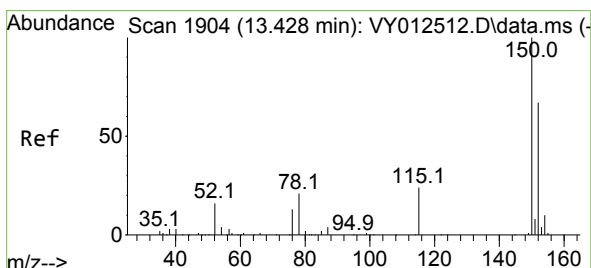
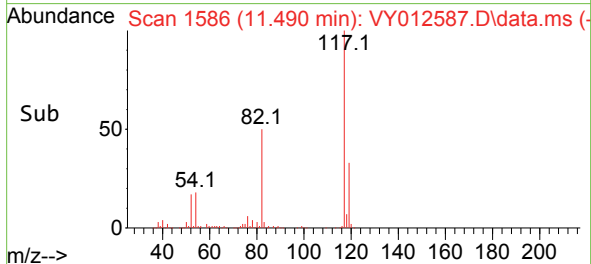
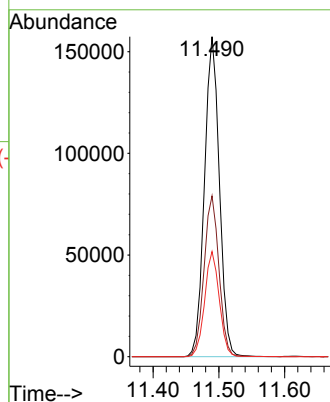
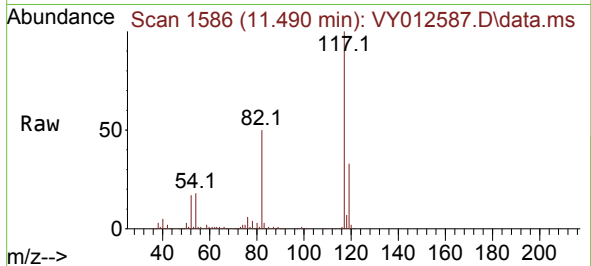




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY012587.D
Acq: 14 Feb 2023 14:34

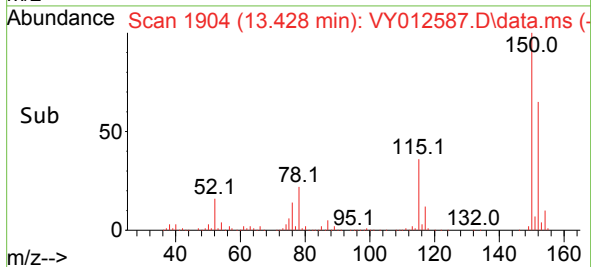
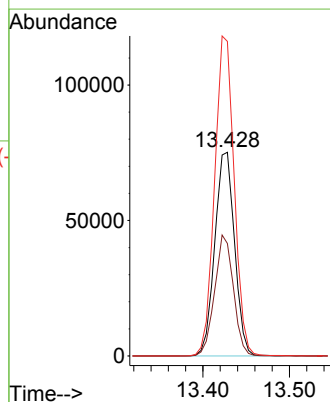
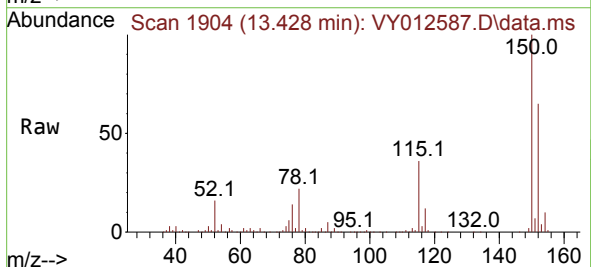
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-GRAB-32

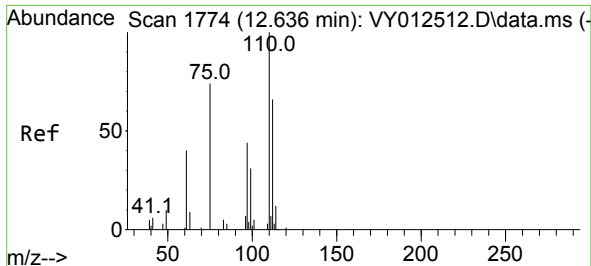
Tgt Ion:117 Resp: 248354
Ion Ratio Lower Upper
117 100
82 50.2 41.7 62.5
119 32.9 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012587.D
Acq: 14 Feb 2023 14:34

Tgt Ion:152 Resp: 119372
Ion Ratio Lower Upper
152 100
115 56.3 28.1 84.3
150 155.3 0.0 351.0

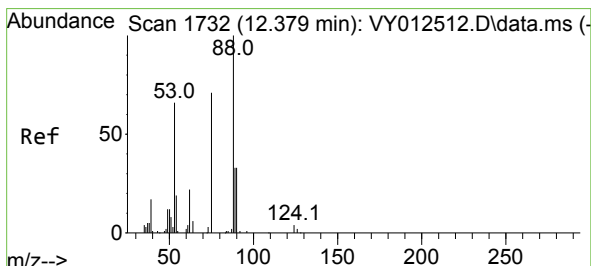
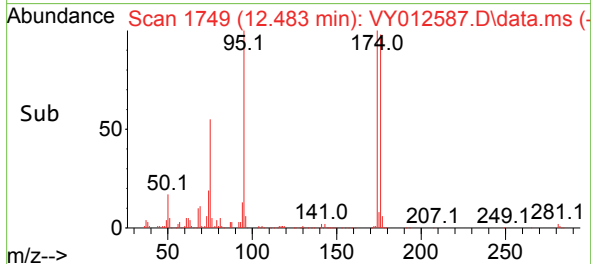
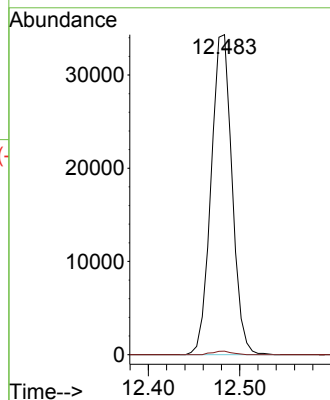
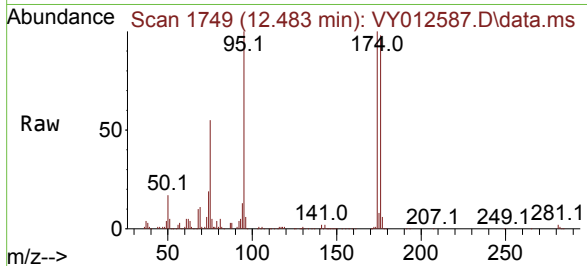




#76
1,2,3-Trichloropropane
Concen: 40.971 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY012587.D
Acq: 14 Feb 2023 14:34

Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-GRAB-32

Tgt Ion: 75 Resp: 54642
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.392 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY012587.D
Acq: 14 Feb 2023 14:34

Tgt Ion: 75 Resp: 54642
Ion Ratio Lower Upper
75 100
53 0.1 73.1 109.7#
89 0.0 39.9 59.9#

