

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111023\
 Data File : VY016304.D
 Acq On : 10 Nov 2023 13:35
 Operator : SY/MD
 Sample : 05323-03
 Misc : 4.25 g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1-VOC

Quant Time: Nov 10 22:21:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

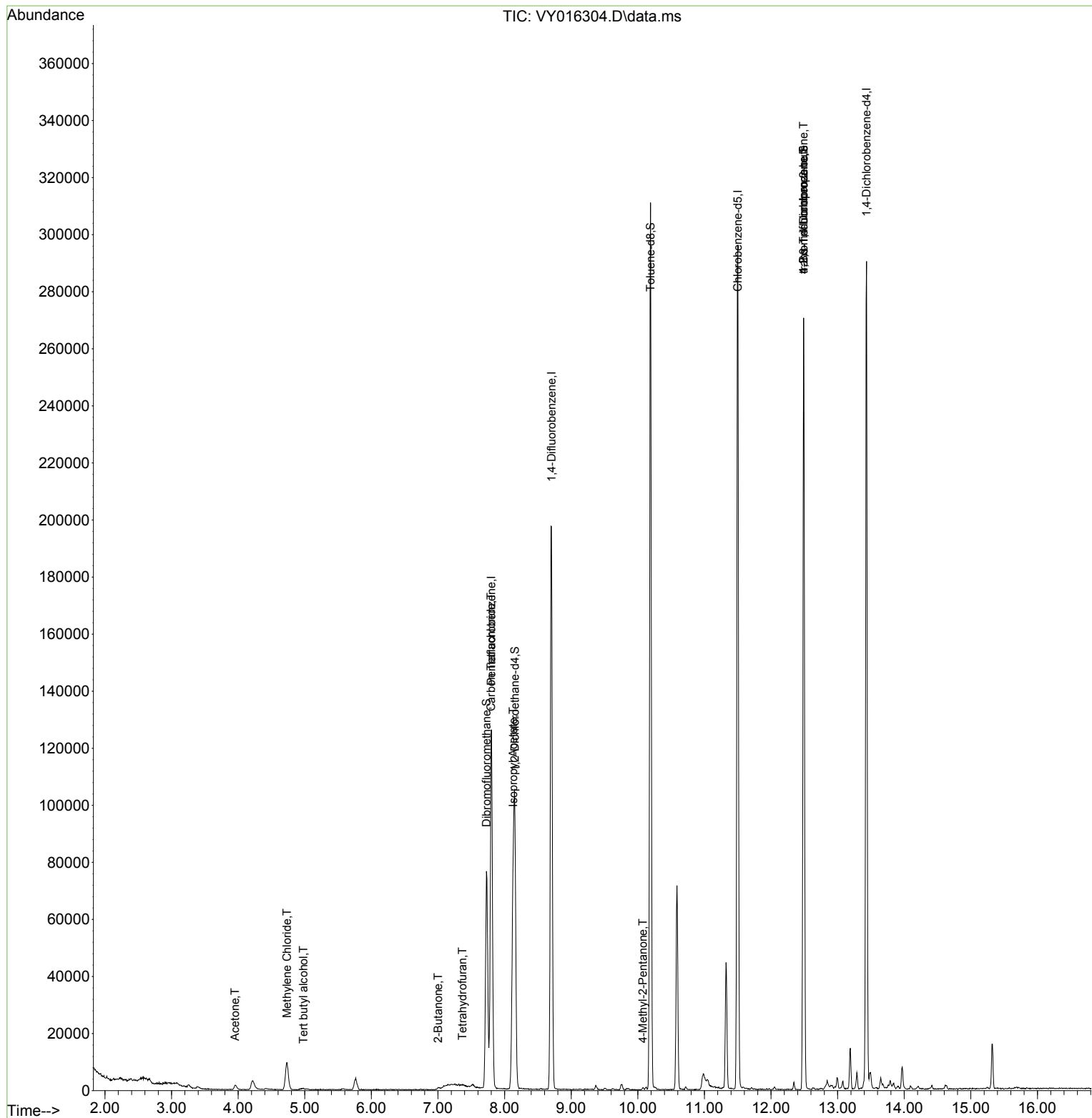
Internal Standards						
1) Pentafluorobenzene	7.801	168	98857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	175964	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	170742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	78342	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	60696	67.178	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.360%	
35) Dibromofluoromethane	7.728	113	53994	54.016	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.040%	
50) Toluene-d8	10.191	98	204516	50.454	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.900%	
62) 4-Bromofluorobenzene	12.489	95	72672	55.200	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.400%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.978	59	1251	17.681	ug/l #	89
16) Acetone	3.954	43	2781	18.608	ug/l	100
20) Methylene Chloride	4.734	84	7287	3.677	ug/l	90
25) 2-Butanone	7.002	43	1400	5.348	ug/l #	87
29) Tetrahydrofuran	7.368	42	335	1.936	ug/l #	57
38) Carbon Tetrachloride	7.795	117	9803	5.442	ug/l #	16
43) Isopropyl Acetate	8.130	43	1493	1.101	ug/l #	1
51) 4-Methyl-2-Pentanone	10.075	43	727	1.061	ug/l	91
76) 1,2,3-Trichloropropane	12.489	75	37836	50.346	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	37836	109.279	ug/l #	11

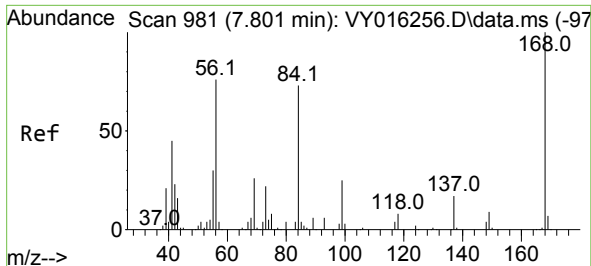
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111023\
Data File : VY016304.D
Acq On : 10 Nov 2023 13:35
Operator : SY/MD
Sample : 05323-03
Misc : 4.25 g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-1-VOC

Quant Time: Nov 10 22:21:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration

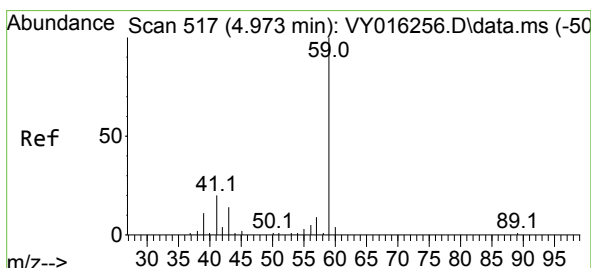
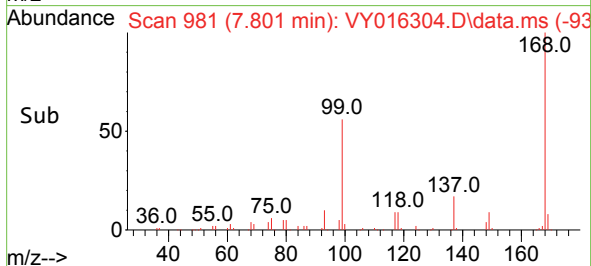
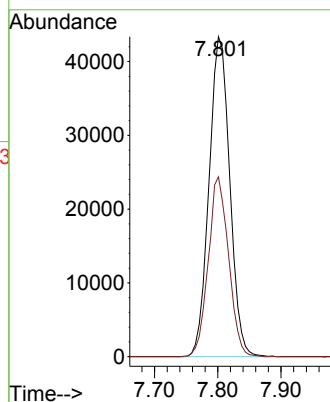
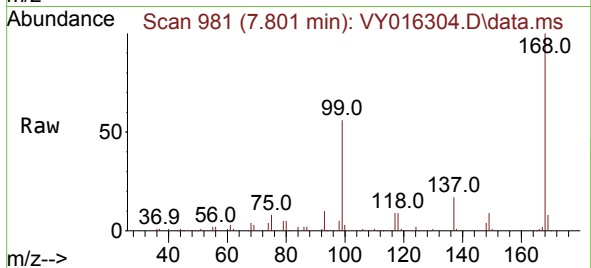




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016304.D
Acq: 10 Nov 2023 13:35

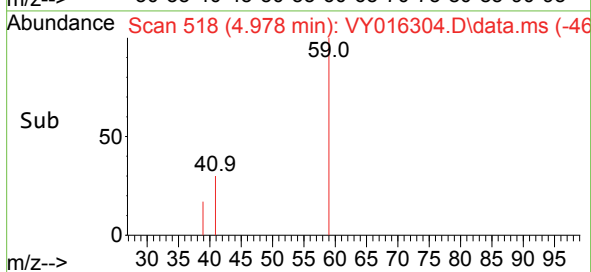
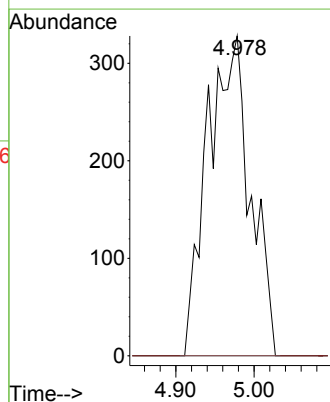
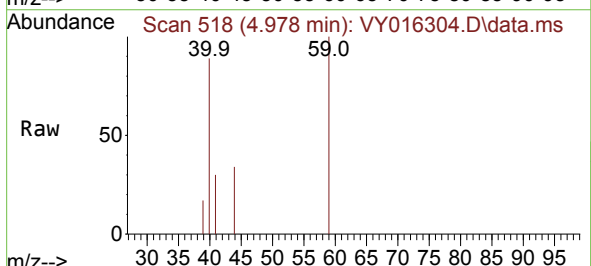
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-VOC

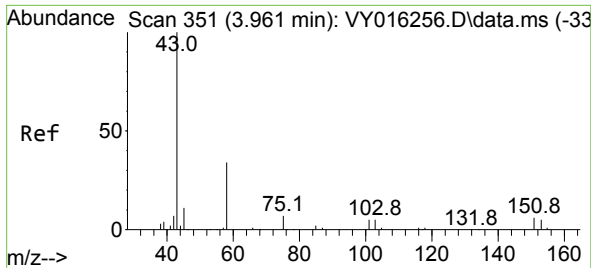
Tgt Ion:168 Resp: 98857
Ion Ratio Lower Upper
168 100
99 56.2 43.4 65.0



#11
Tert butyl alcohol
Concen: 17.681 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY016304.D
Acq: 10 Nov 2023 13:35

Tgt Ion: 59 Resp: 1251
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

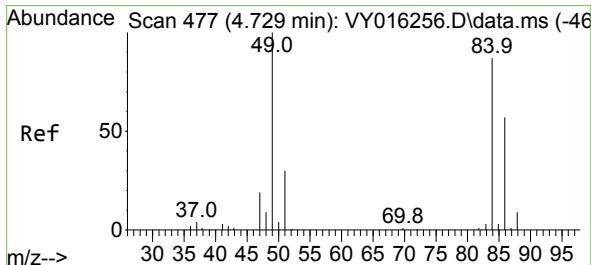
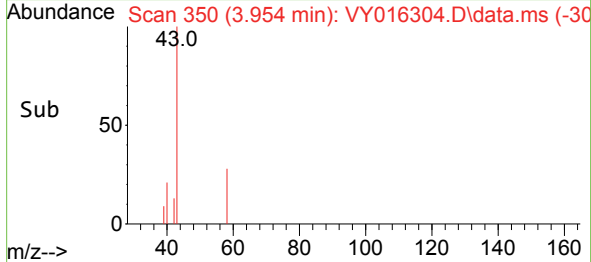
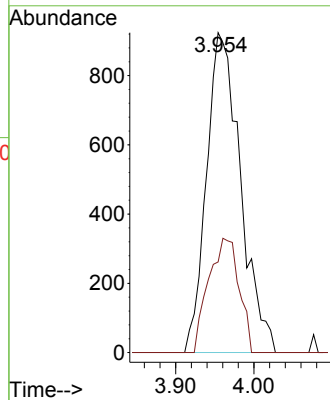
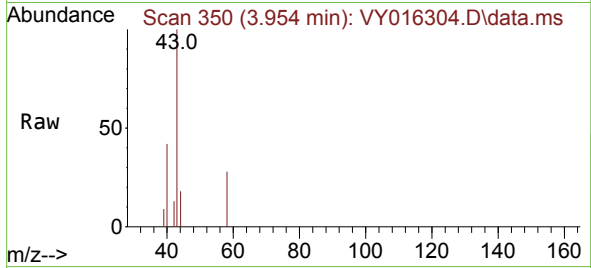




#16
Acetone
Concen: 18.608 ug/l
RT: 3.954 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY016304.D
Acq: 10 Nov 2023 13:35

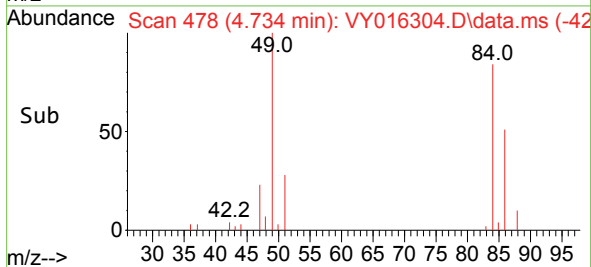
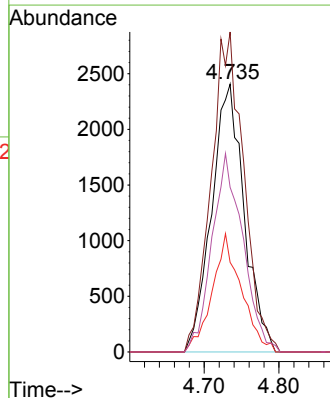
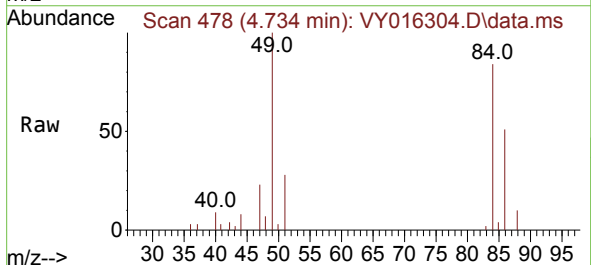
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-VOC

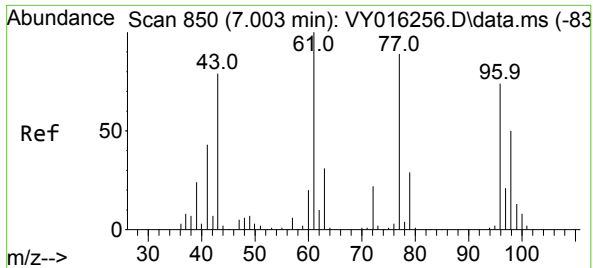
Tgt Ion: 43 Resp: 2781
Ion Ratio Lower Upper
43 100
58 28.4 22.7 34.1



#20
Methylene Chloride
Concen: 3.677 ug/l
RT: 4.734 min Scan# 478
Delta R.T. 0.005 min
Lab File: VY016304.D
Acq: 10 Nov 2023 13:35

Tgt Ion: 84 Resp: 7287
Ion Ratio Lower Upper
84 100
49 119.5 106.9 160.3
51 33.5 33.2 49.8
86 61.5 51.0 76.6

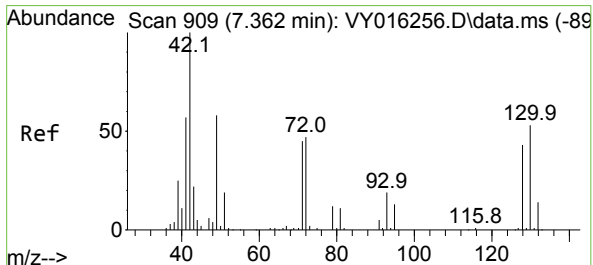
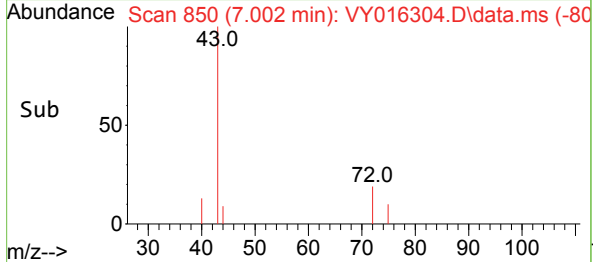
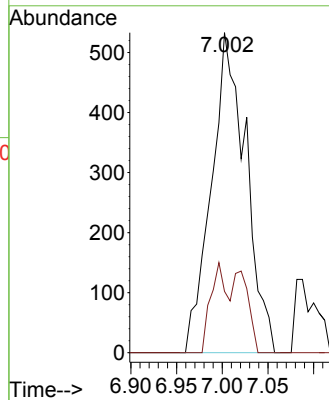
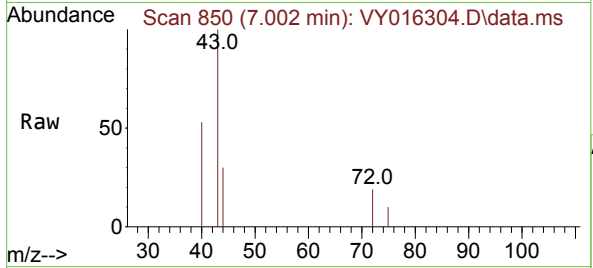




#25
2-Butanone
Concen: 5.348 ug/l
RT: 7.002 min Scan# 81
Delta R.T. -0.000 min
Lab File: VY016304.D
Acq: 10 Nov 2023 13:35

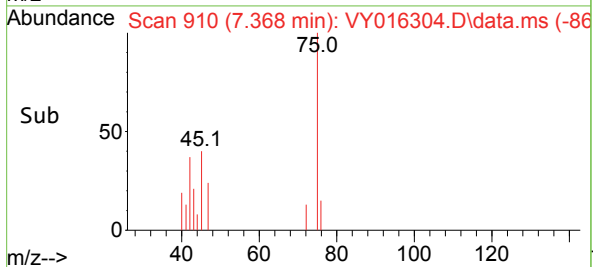
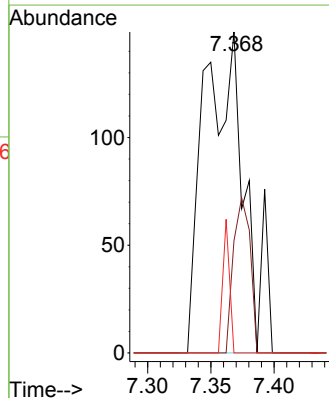
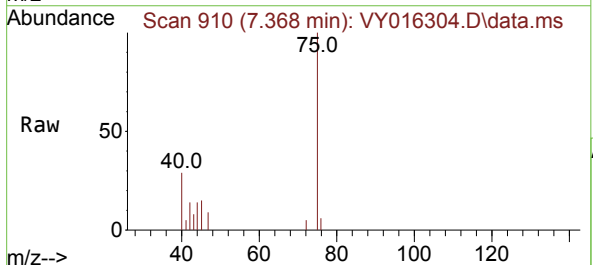
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-VOC

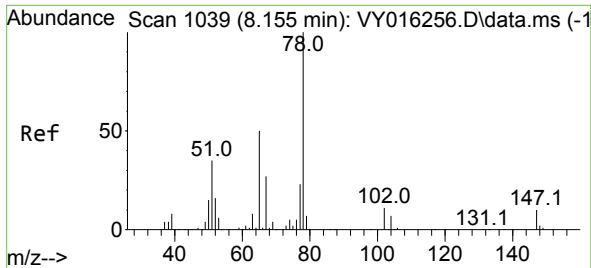
Tgt Ion: 43 Resp: 1400
Ion Ratio Lower Upper
43 100
72 19.1 20.5 30.7#



#29
Tetrahydrofuran
Concen: 1.936 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY016304.D
Acq: 10 Nov 2023 13:35

Tgt Ion: 42 Resp: 335
Ion Ratio Lower Upper
42 100
72 19.7 32.8 49.2#
71 6.9 31.0 46.4#

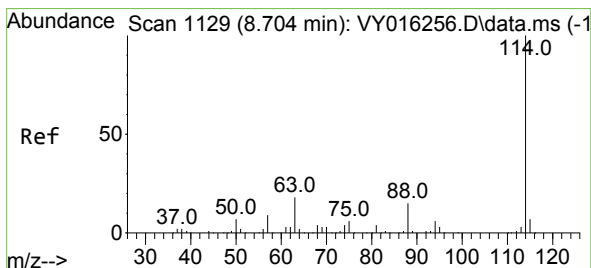
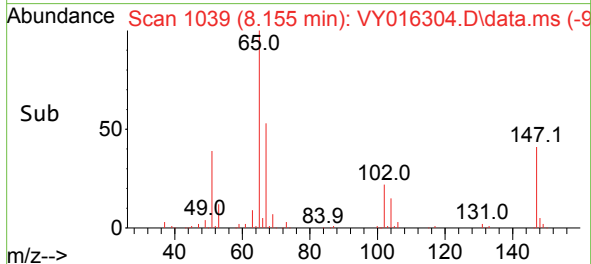
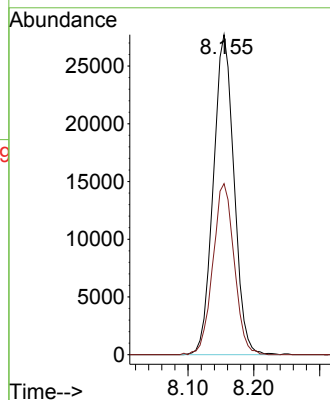
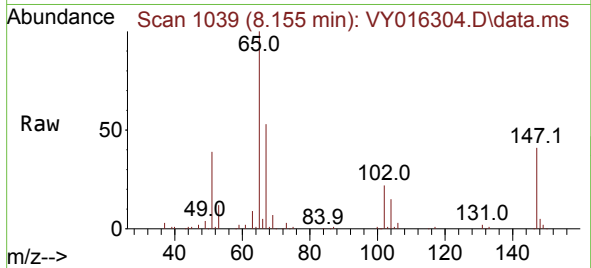




#33
 1,2-Dichloroethane-d4
 Concen: 67.178 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. -0.000 min
 Lab File: VY016304.D
 Acq: 10 Nov 2023 13:35

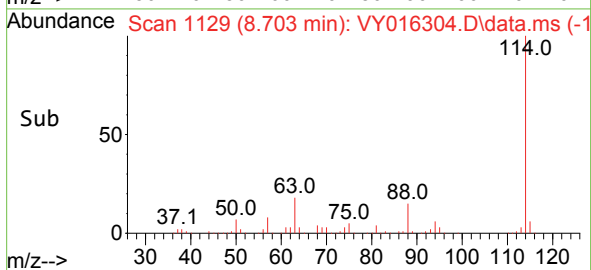
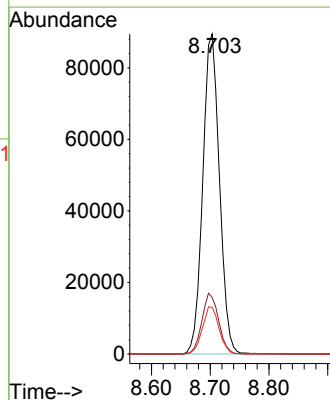
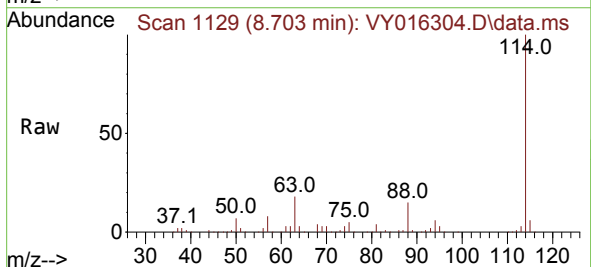
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1-VOC

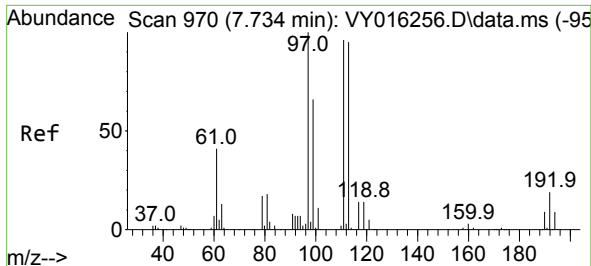
Tgt Ion: 65 Resp: 60696
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VY016304.D
 Acq: 10 Nov 2023 13:35

Tgt Ion:114 Resp: 175964
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 42.4
 88 14.6 0.0 30.6

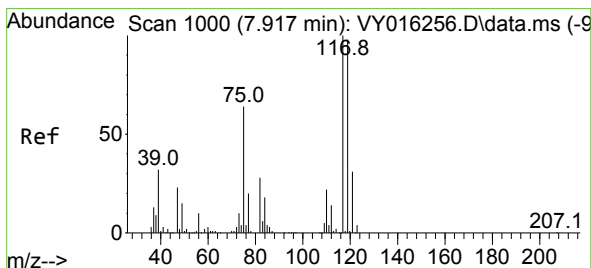
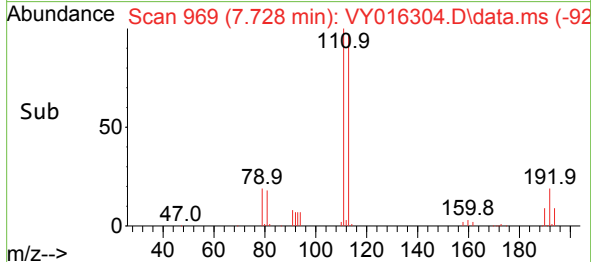
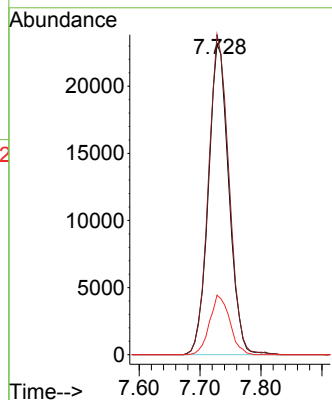
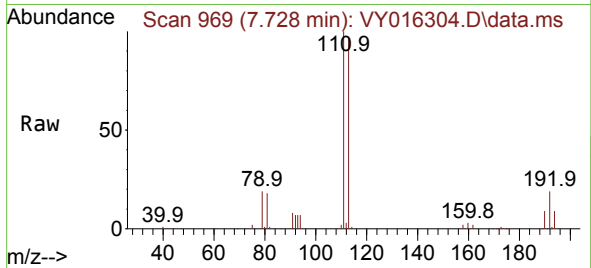




#35
Dibromofluoromethane
Concen: 54.016 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY016304.D
Acq: 10 Nov 2023 13:35

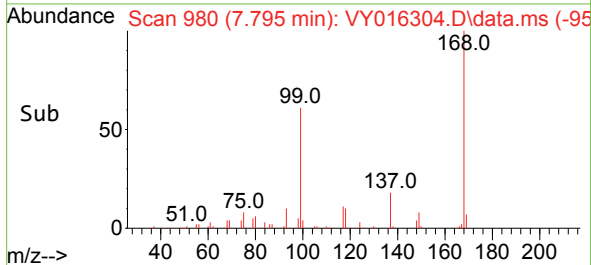
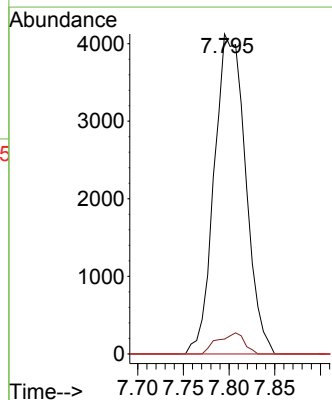
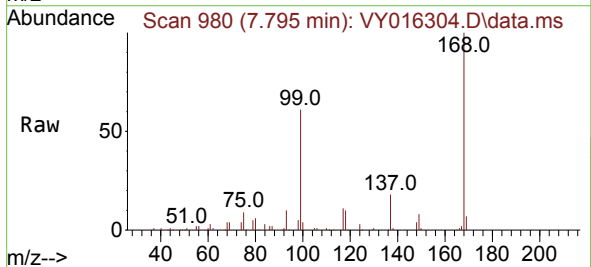
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-VOC

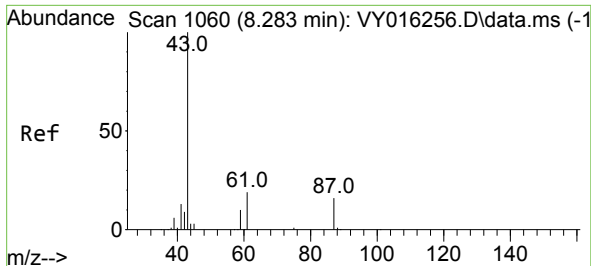
Tgt Ion:113 Resp: 53994
Ion Ratio Lower Upper
113 100
111 103.5 81.3 121.9
192 18.9 16.9 25.3



#38
Carbon Tetrachloride
Concen: 5.442 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY016304.D
Acq: 10 Nov 2023 13:35

Tgt Ion:117 Resp: 9803
Ion Ratio Lower Upper
117 100
119 4.6 76.4 114.6#
121 0.0 25.8 38.6#

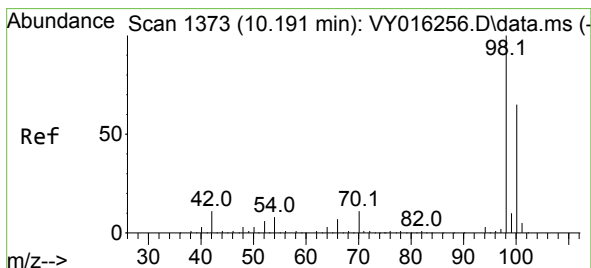
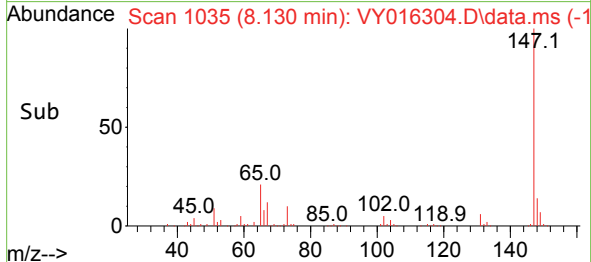
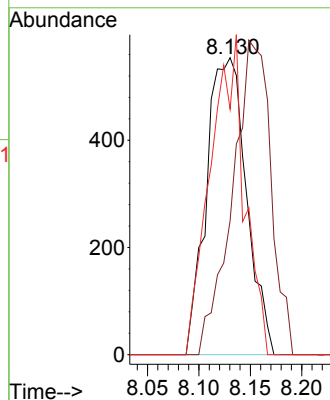
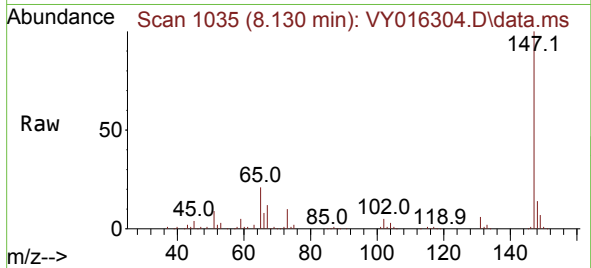




#43
Isopropyl Acetate
Concen: 1.101 ug/l
RT: 8.130 min Scan# 1060
Delta R.T. -0.153 min
Lab File: VY016304.D
Acq: 10 Nov 2023 13:35

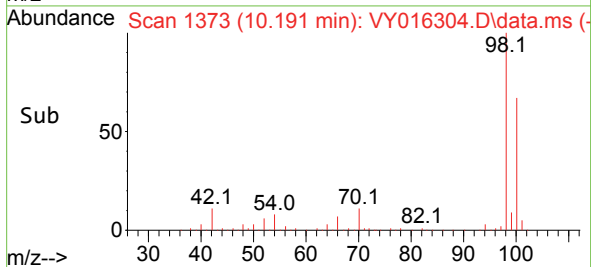
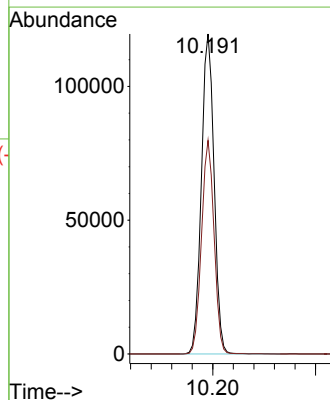
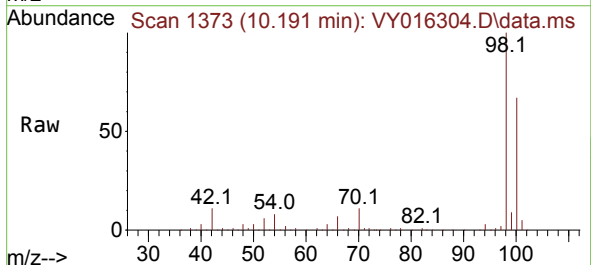
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-VOC

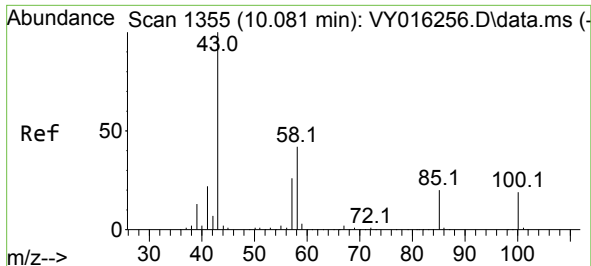
Tgt Ion: 43 Resp: 1493
Ion Ratio Lower Upper
43 100
61 102.0 21.1 31.7#
87 92.1 9.8 14.8#



#50
Toluene-d8
Concen: 50.454 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016304.D
Acq: 10 Nov 2023 13:35

Tgt Ion: 98 Resp: 204516
Ion Ratio Lower Upper
98 100
100 66.0 50.1 75.1

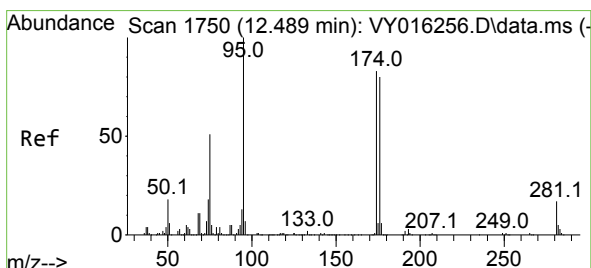
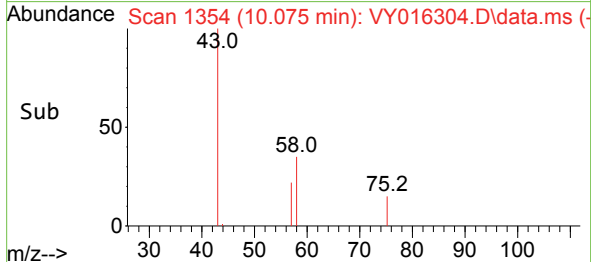
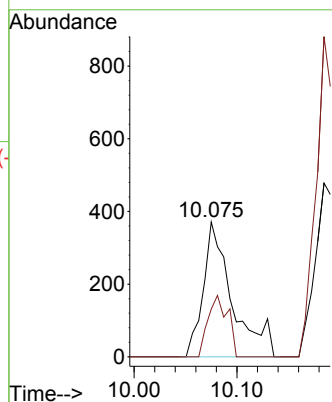
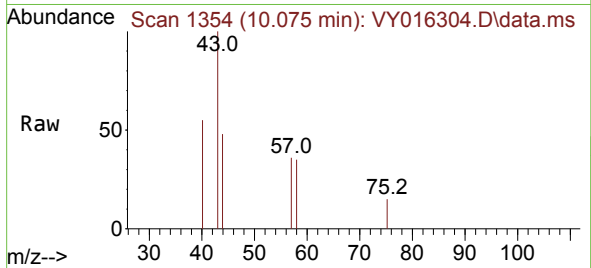




#51
4-Methyl-2-Pentanone
Concen: 1.061 ug/l
RT: 10.075 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016304.D
Acq: 10 Nov 2023 13:35

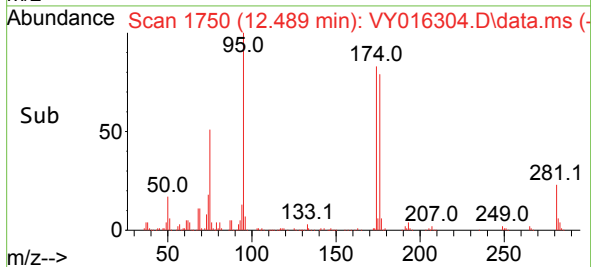
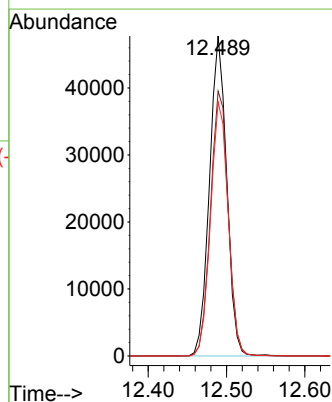
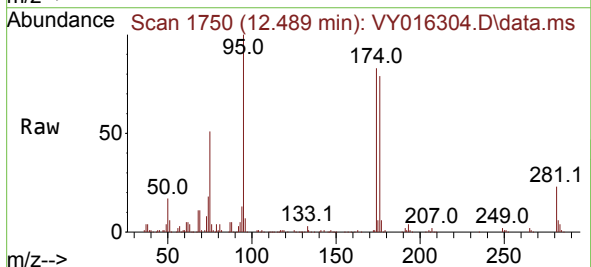
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-VOC

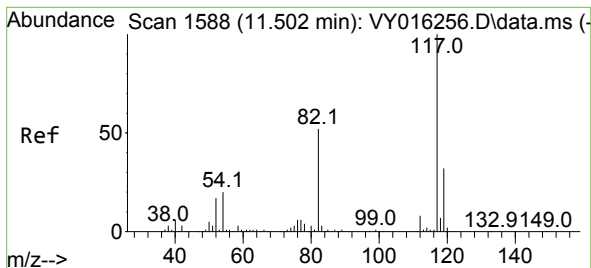
Tgt Ion: 43 Resp: 727
Ion Ratio Lower Upper
43 100
58 31.1 29.0 43.6



#62
4-Bromofluorobenzene
Concen: 55.200 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016304.D
Acq: 10 Nov 2023 13:35

Tgt Ion: 95 Resp: 72672
Ion Ratio Lower Upper
95 100
174 85.5 0.0 178.2
176 81.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016304.D

Acq: 10 Nov 2023 13:35

Instrument :

MSVOA_Y

ClientSampleId :

TP-1-VOC

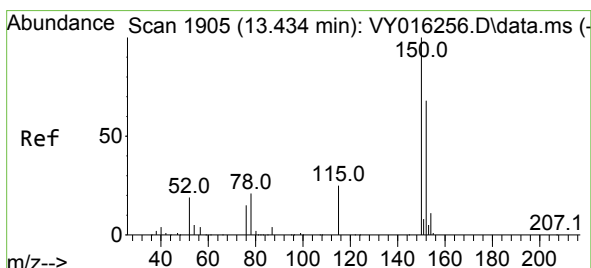
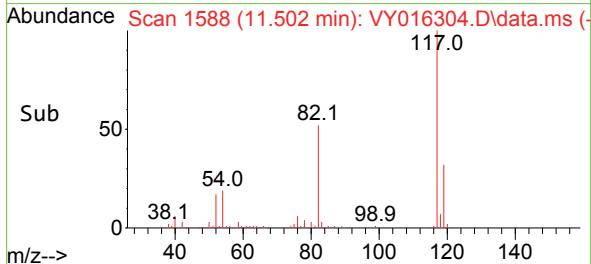
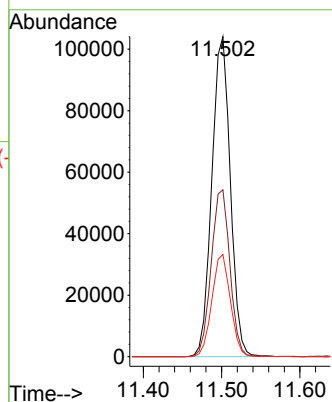
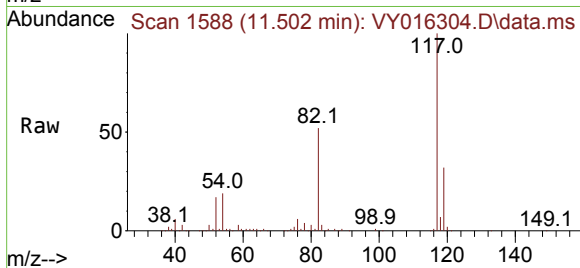
Tgt Ion:117 Resp: 170742

Ion Ratio Lower Upper

117 100

82 52.1 43.4 65.0

119 32.0 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016304.D

Acq: 10 Nov 2023 13:35

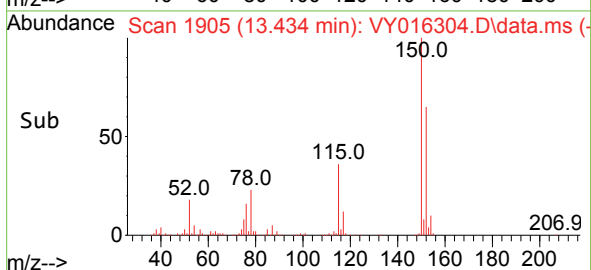
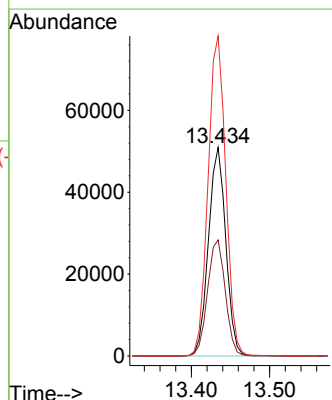
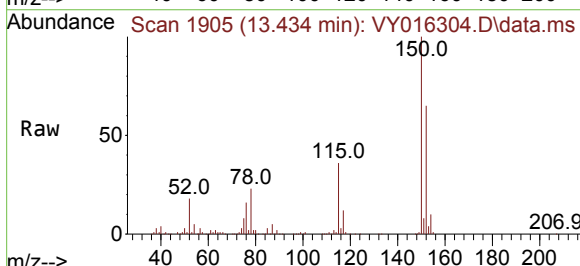
Tgt Ion:152 Resp: 78342

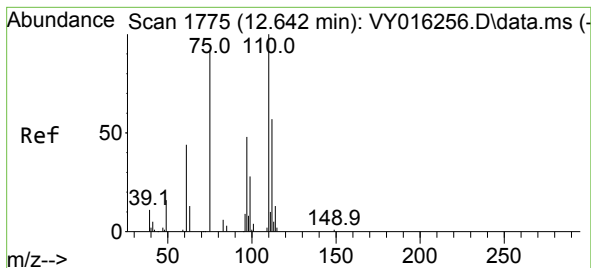
Ion Ratio Lower Upper

152 100

115 56.8 28.8 86.5

150 156.1 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 50.346 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.153 min

Lab File: VY016304.D

Acq: 10 Nov 2023 13:35

Instrument :

MSVOA_Y

ClientSampleId :

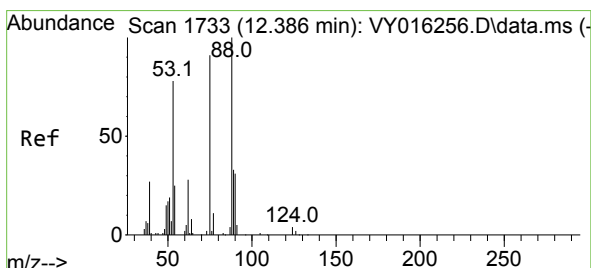
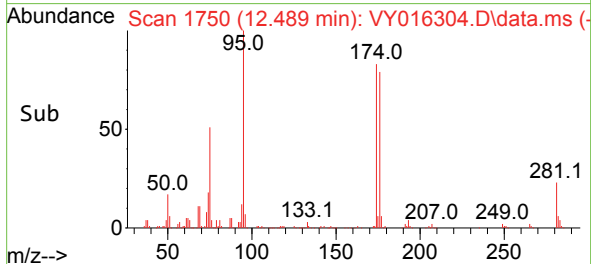
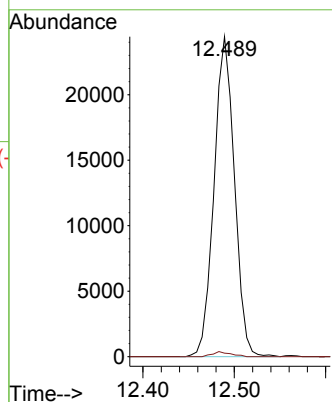
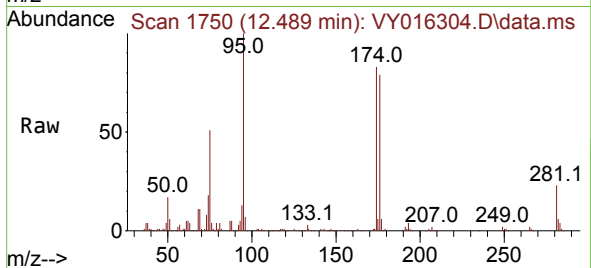
TP-1-VOC

Tgt Ion: 75 Resp: 37836

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 109.279 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.103 min

Lab File: VY016304.D

Acq: 10 Nov 2023 13:35

Tgt Ion: 75 Resp: 37836

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.4 37.4 56.0#

