

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052024\
 Data File : VY018333.D
 Acq On : 20 May 2024 14:27
 Operator : SY/MD
 Sample : P2531-03
 Misc : 4.76g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-B-VOC

Quant Time: May 21 01:25:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

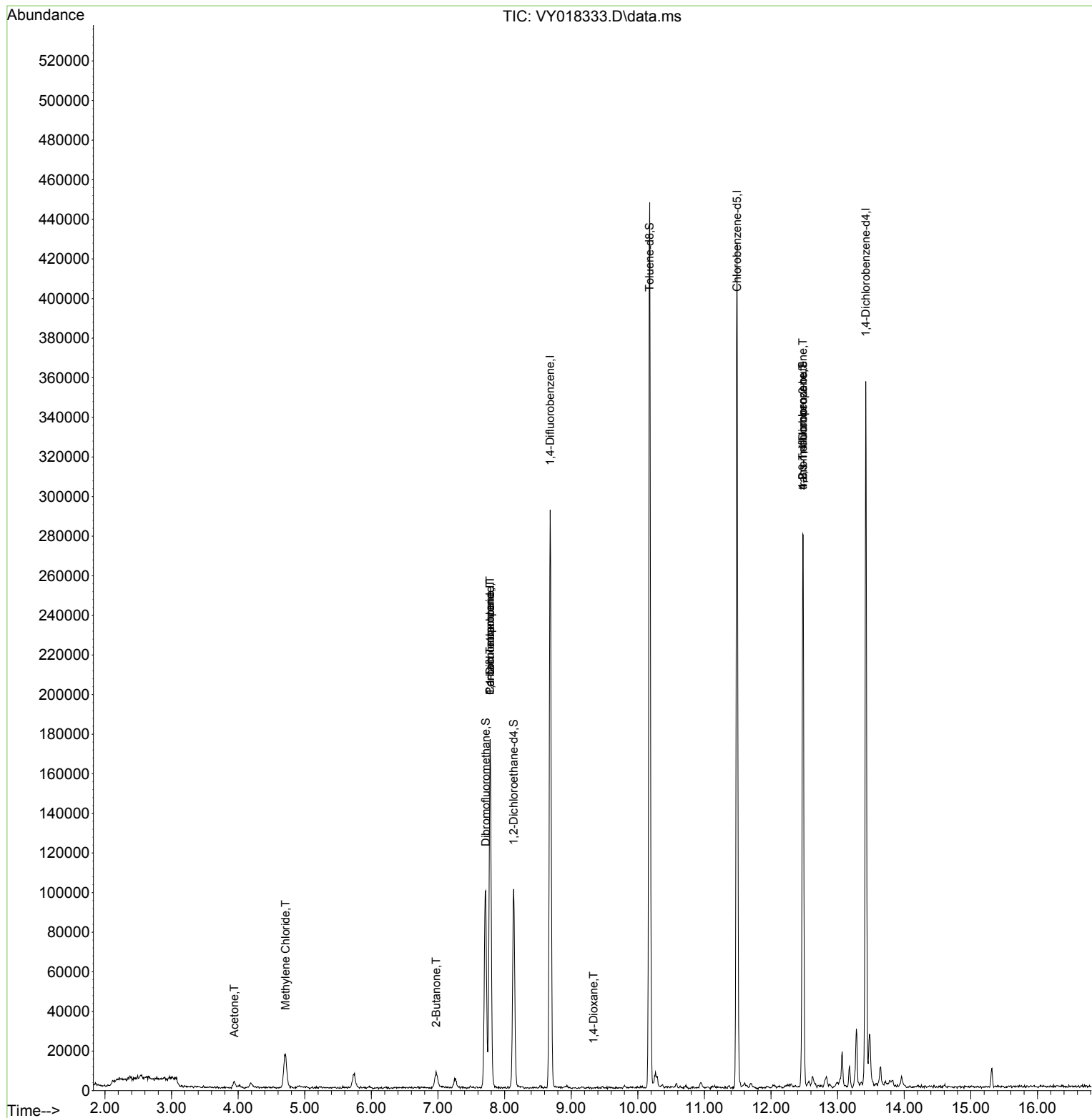
Internal Standards						
1) Pentafluorobenzene	7.783	168	126243	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	256781	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	226568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	83848	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	72538	78.104	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 156.200%	
35) Dibromofluoromethane	7.716	113	72642	53.829	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.660%	
50) Toluene-d8	10.179	98	297342	55.914	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.820%	
62) 4-Bromofluorobenzene	12.477	95	90377	52.625	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.260%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	864	Below Cal	#	98
13) Acrolein	3.717	56	20	Below Cal	#	1
16) Acetone	3.942	43	5002	26.989	ug/l	95
20) Methylene Chloride	4.710	84	13438	10.258	ug/l	95
25) 2-Butanone	6.972	43	1376	4.645	ug/l	# 59
31) Cyclohexane	7.771	56	3141	Below Cal	#	19
36) 1,1-Dichloropropene	7.783	75	11440	5.913	ug/l	# 48
38) Carbon Tetrachloride	7.783	117	13269	6.277	ug/l	# 14
49) 1,4-Dioxane	9.338	88	20	1.926	ug/l	# 20
76) 1,2,3-Trichloropropane	12.477	75	46884	69.856	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	46884	134.590	ug/l	# 16

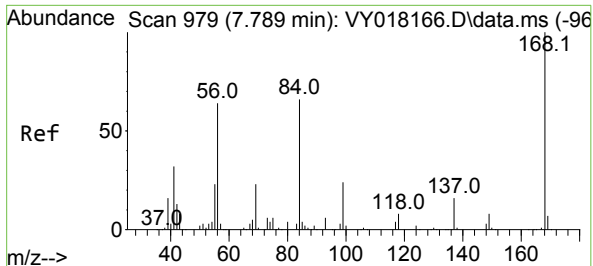
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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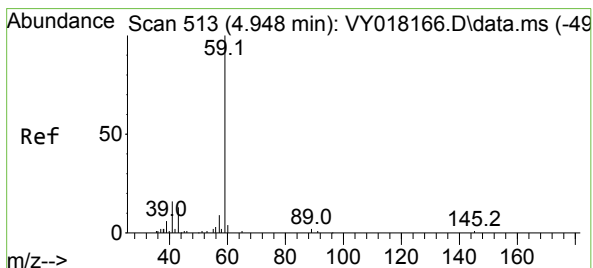
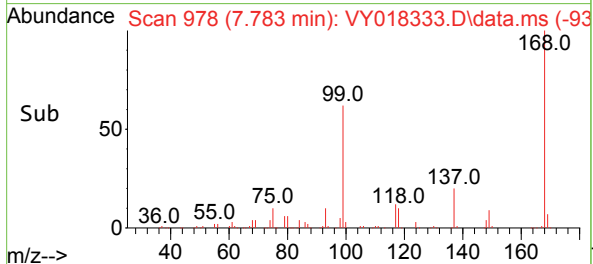
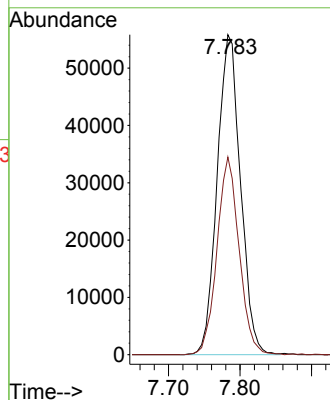
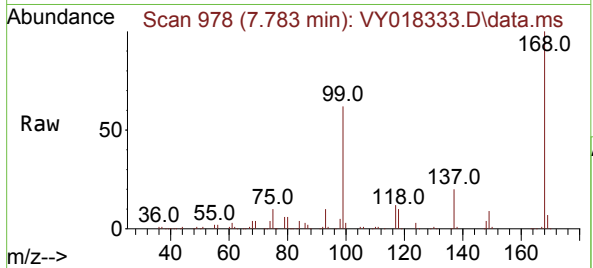




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018333.D
Acq: 20 May 2024 14:27

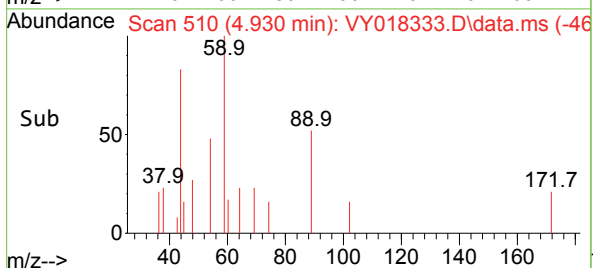
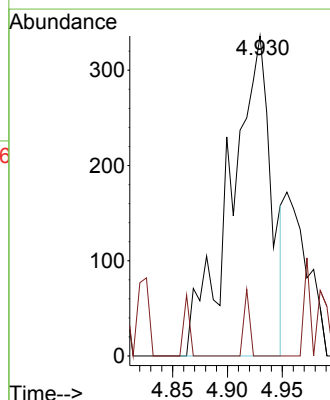
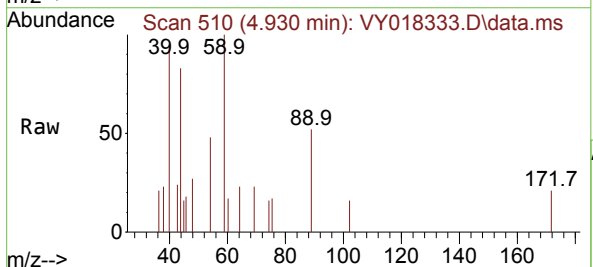
Instrument :
MSVOA_Y
ClientSampleId :
MH-B-VOC

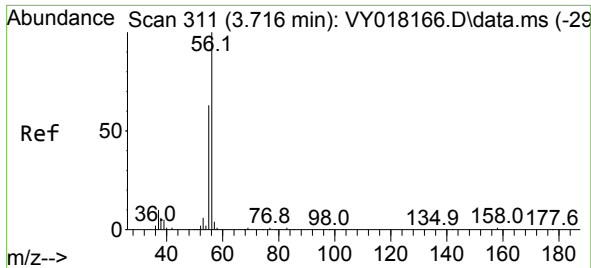
Tgt Ion:168 Resp: 126243
Ion Ratio Lower Upper
168 100
99 61.8 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY018333.D
Acq: 20 May 2024 14:27

Tgt Ion: 59 Resp: 864
Ion Ratio Lower Upper
59 100
57 3.0 3.0 4.6#

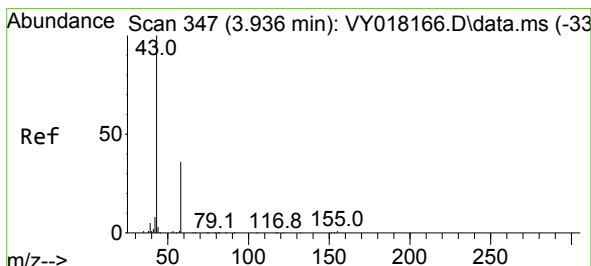
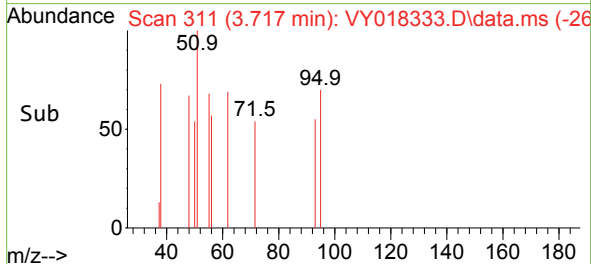
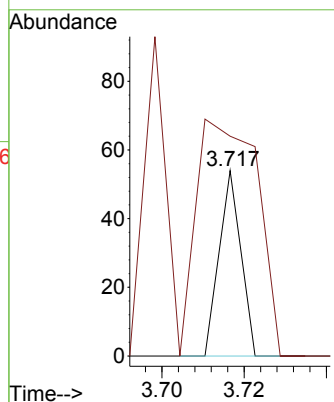
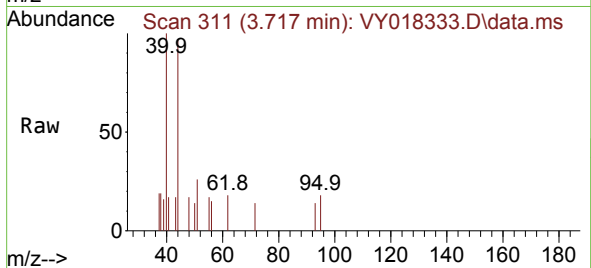




#13
Acrolein
Concen: Below Cal
RT: 3.717 min Scan# 311
Delta R.T. 0.001 min
Lab File: VY018333.D
Acq: 20 May 2024 14:27

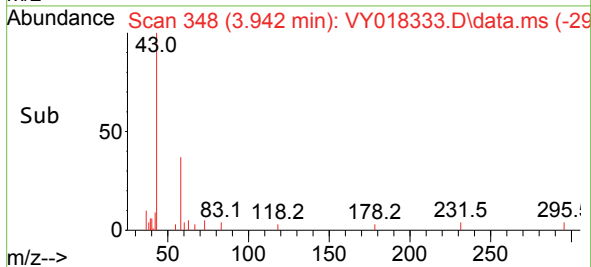
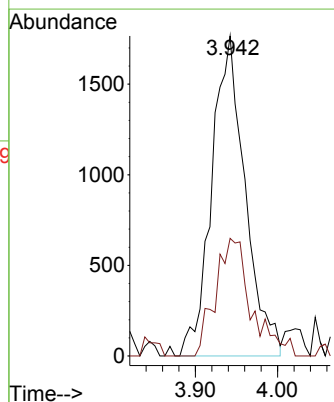
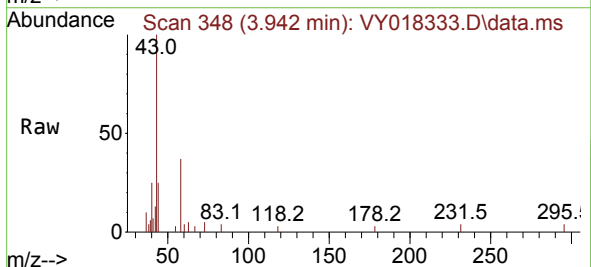
Instrument :
MSVOA_Y
ClientSampleId :
MH-B-VOC

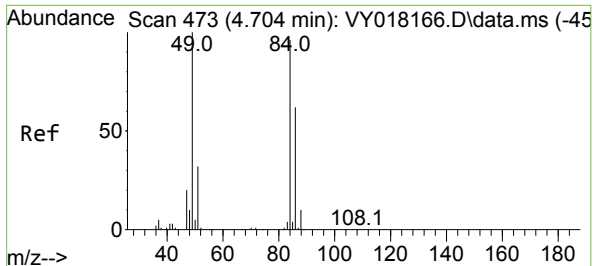
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 355.0 55.7 83.5#



#16
Acetone
Concen: 26.989 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY018333.D
Acq: 20 May 2024 14:27

Tgt Ion: 43 Resp: 5002
Ion Ratio Lower Upper
43 100
58 36.7 31.7 47.5

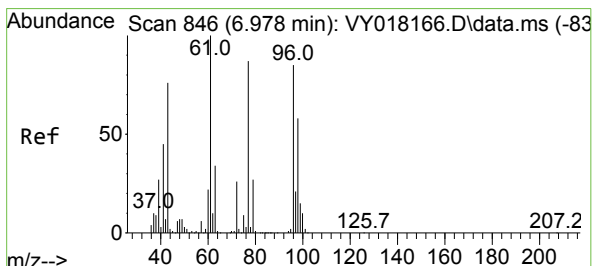
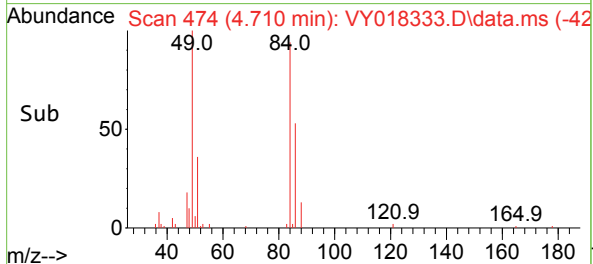
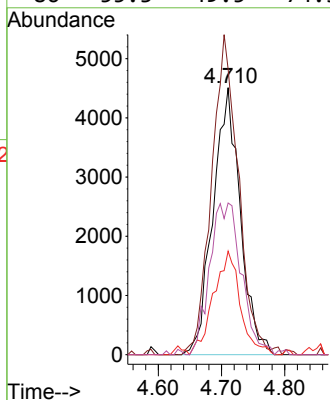
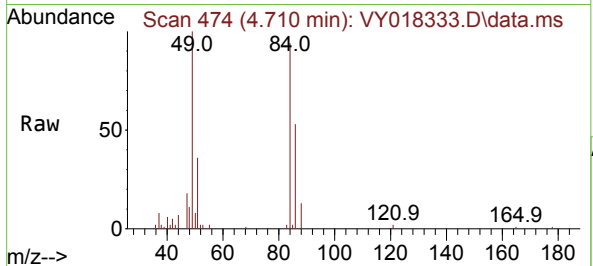




#20
Methylene Chloride
Concen: 10.258 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY018333.D
Acq: 20 May 2024 14:27

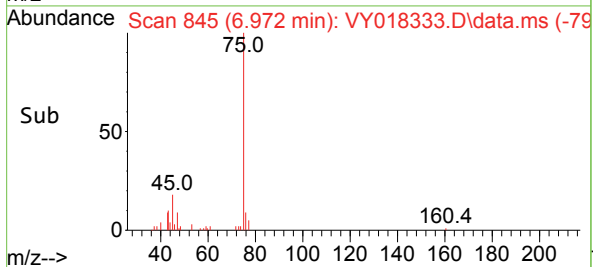
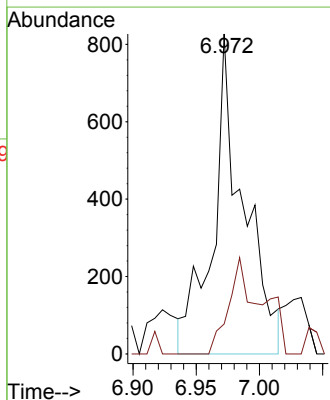
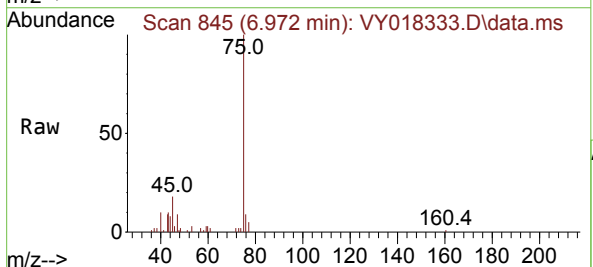
Instrument :
MSVOA_Y
ClientSampleId :
MH-B-VOC

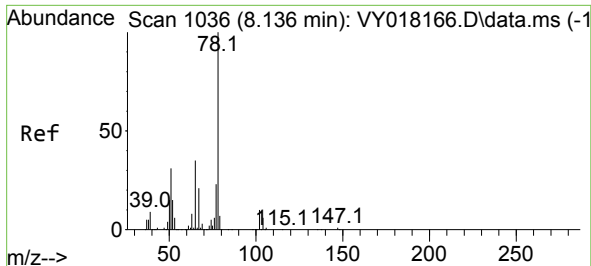
Tgt Ion:	84	Resp:	13438
Ion	Ratio	Lower	Upper
84	100		
49	106.9	84.4	126.6
51	38.8	26.0	39.0
86	55.3	49.5	74.3



#25
2-Butanone
Concen: 4.645 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY018333.D
Acq: 20 May 2024 14:27

Tgt Ion:	43	Resp:	1376
Ion	Ratio	Lower	Upper
43	100		
72	10.5	27.3	40.9#

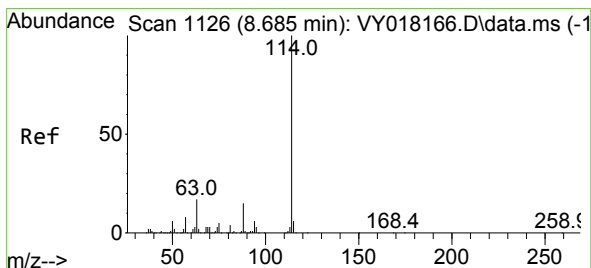
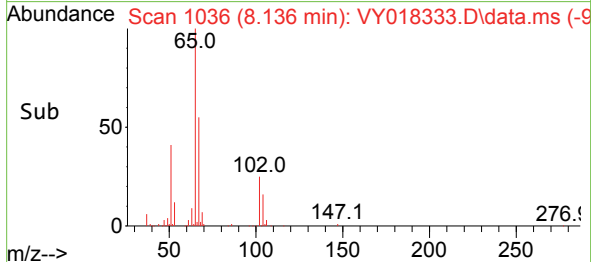
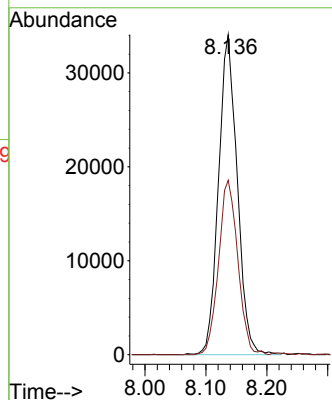
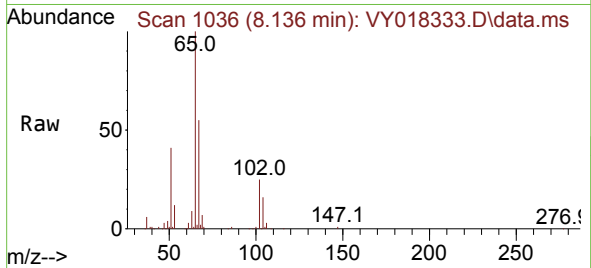




#33
1,2-Dichloroethane-d4
Concen: 78.104 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018333.D
Acq: 20 May 2024 14:27

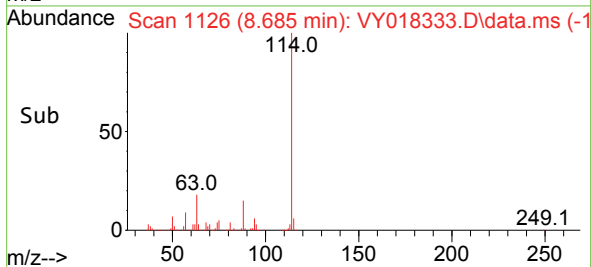
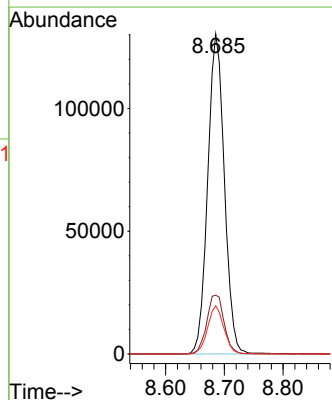
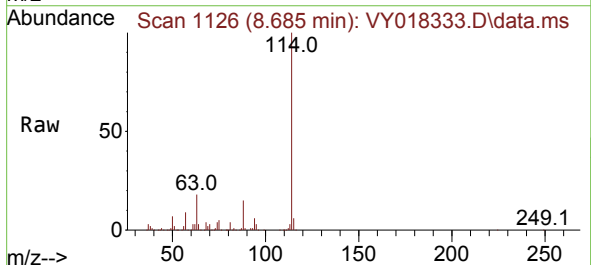
Instrument :
MSVOA_Y
ClientSampleId :
MH-B-VOC

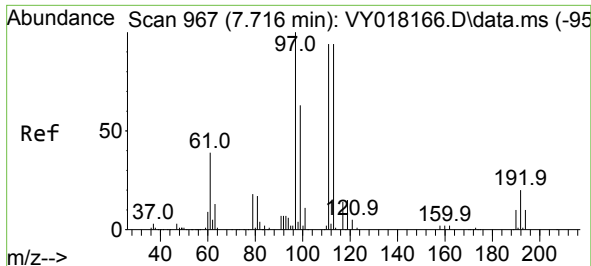
Tgt Ion: 65 Resp: 72538
Ion Ratio Lower Upper
65 100
67 56.1 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018333.D
Acq: 20 May 2024 14:27

Tgt Ion: 114 Resp: 256781
Ion Ratio Lower Upper
114 100
63 18.3 0.0 35.0
88 15.1 0.0 27.2





#35

Dibromofluoromethane

Concen: 53.829 ug/l

RT: 7.716 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY018333.D

Acq: 20 May 2024 14:27

Instrument :

MSVOA_Y

ClientSampleId :

MH-B-VOC

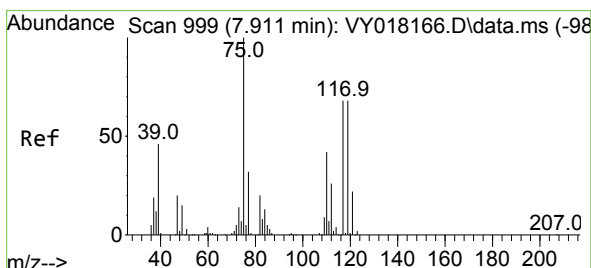
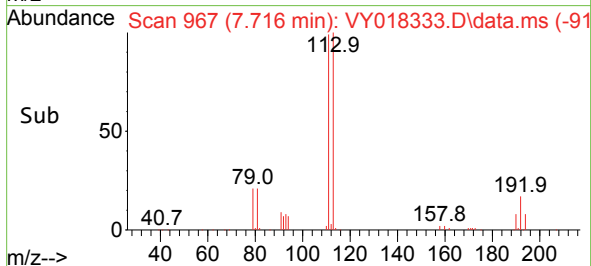
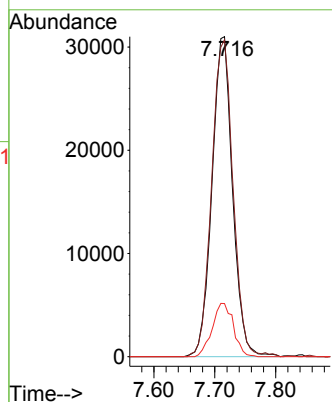
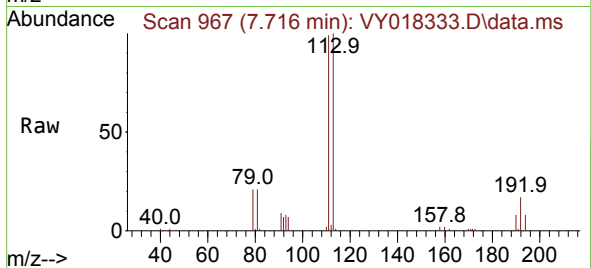
Tgt Ion:113 Resp: 72642

Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.4

192 17.2 15.9 23.9



#36

1,1-Dichloropropene

Concen: 5.913 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.128 min

Lab File: VY018333.D

Acq: 20 May 2024 14:27

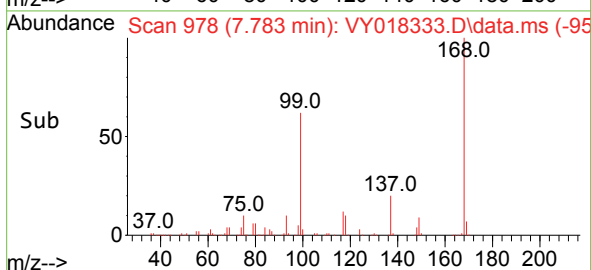
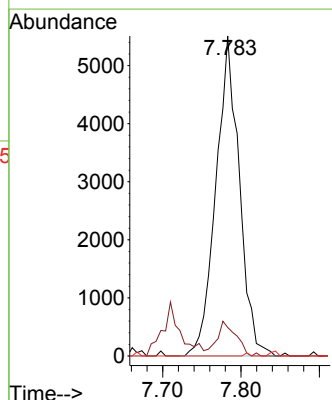
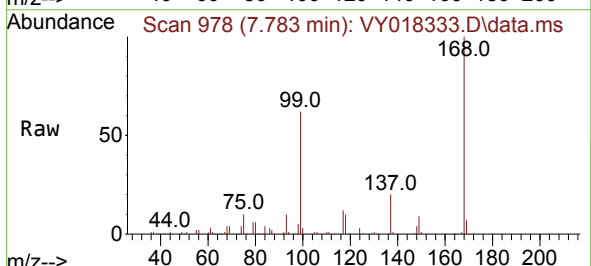
Tgt Ion: 75 Resp: 11440

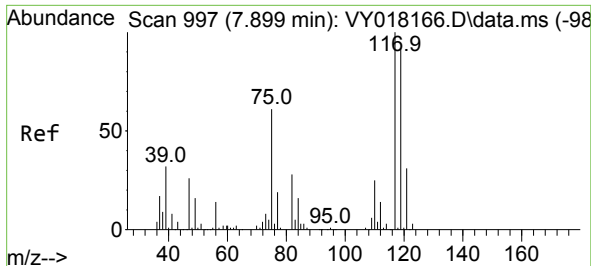
Ion Ratio Lower Upper

75 100

110 9.0 19.0 57.0#

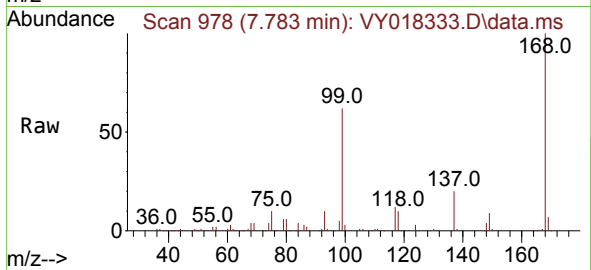
77 0.0 25.3 37.9#



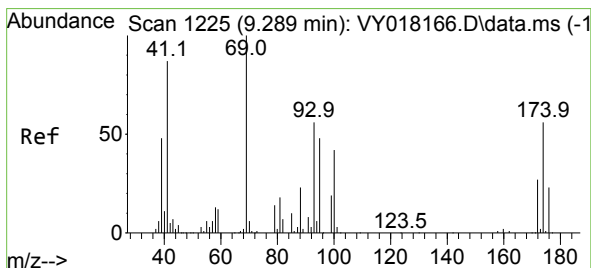
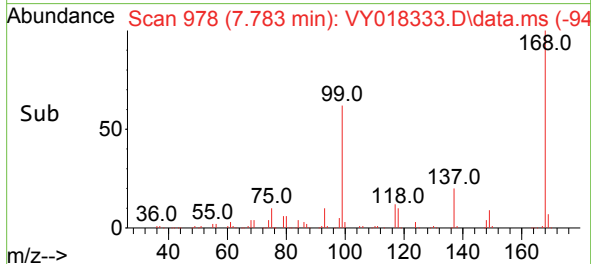
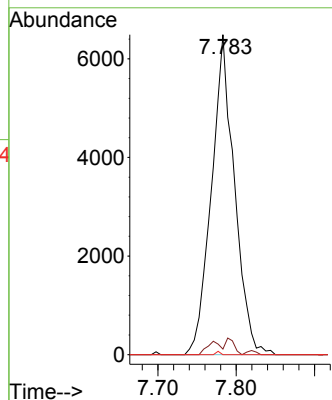


#38
Carbon Tetrachloride
Concen: 6.277 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018333.D
Acq: 20 May 2024 14:27

Instrument :
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ClientSampleId :
MH-B-VOC

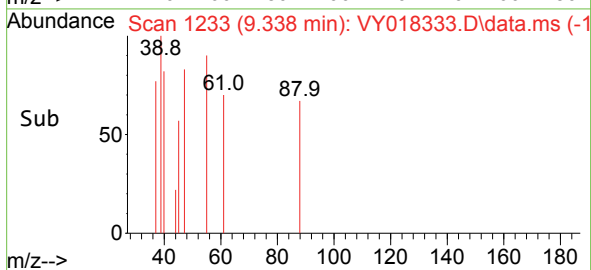
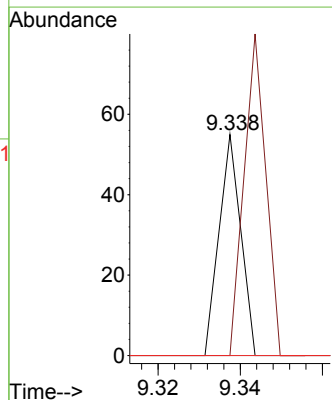
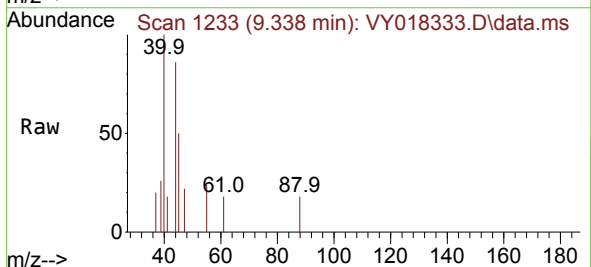


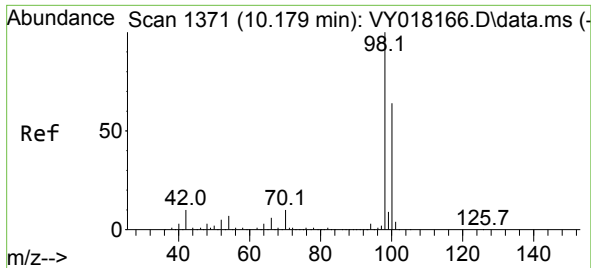
Tgt Ion:117 Resp: 13269
Ion Ratio Lower Upper
117 100
119 1.7 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 1.926 ug/l
RT: 9.338 min Scan# 1233
Delta R.T. 0.049 min
Lab File: VY018333.D
Acq: 20 May 2024 14:27

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 145.0 0.0 0.0#
58 0.0 49.3 73.9#

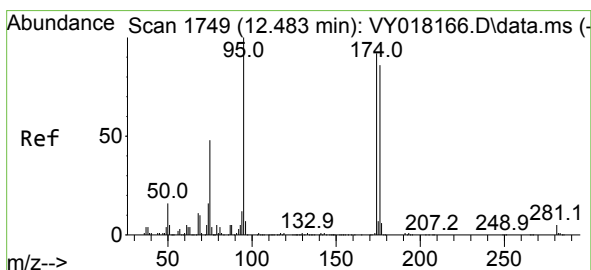
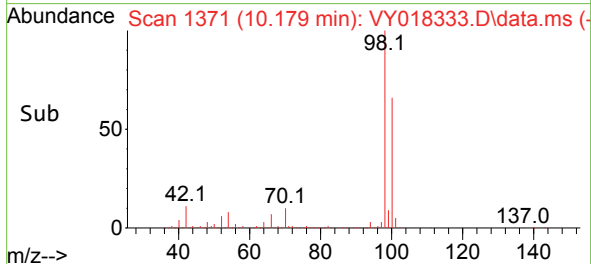
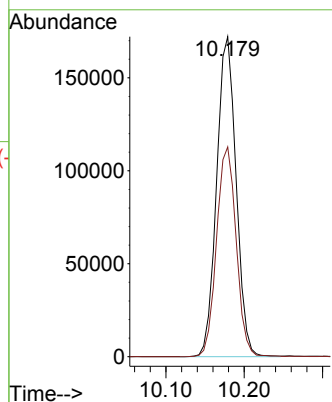
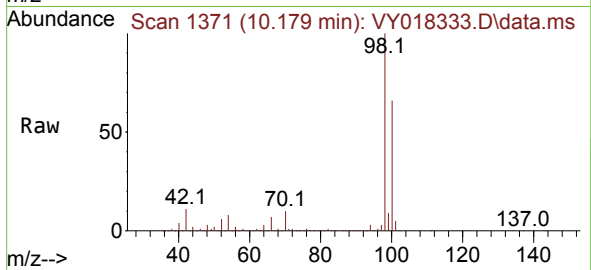




#50
Toluene-d8
Concen: 55.914 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018333.D
Acq: 20 May 2024 14:27

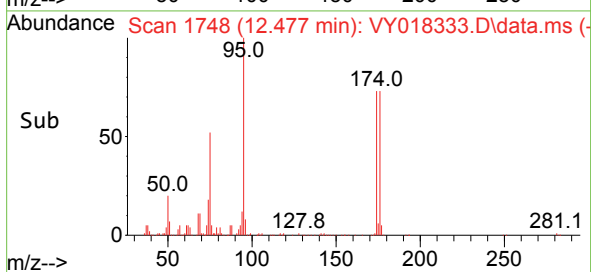
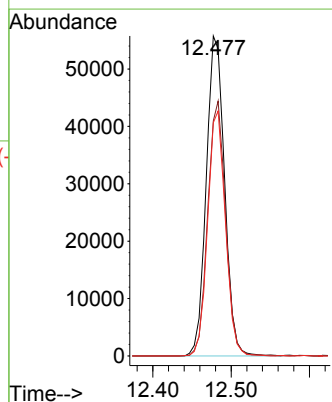
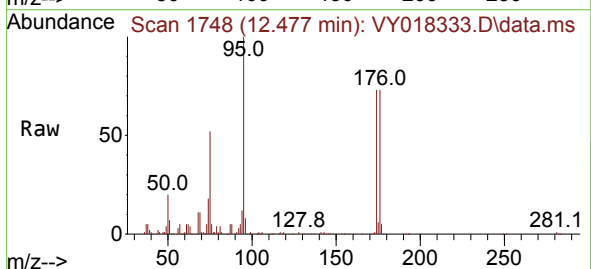
Instrument :
MSVOA_Y
ClientSampleId :
MH-B-VOC

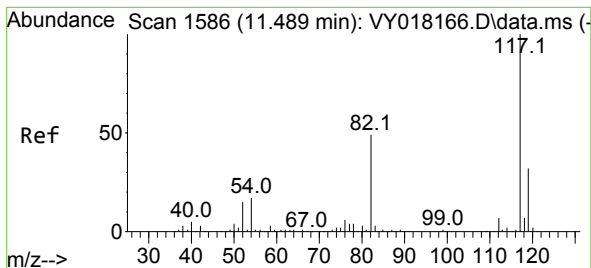
Tgt Ion: 98 Resp: 297342
Ion Ratio Lower Upper
98 100
100 66.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.625 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018333.D
Acq: 20 May 2024 14:27

Tgt Ion: 95 Resp: 90377
Ion Ratio Lower Upper
95 100
174 77.9 0.0 175.6
176 74.1 0.0 171.4

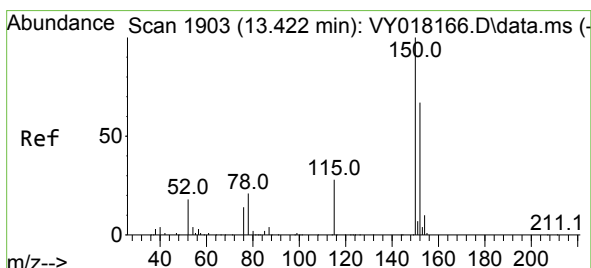
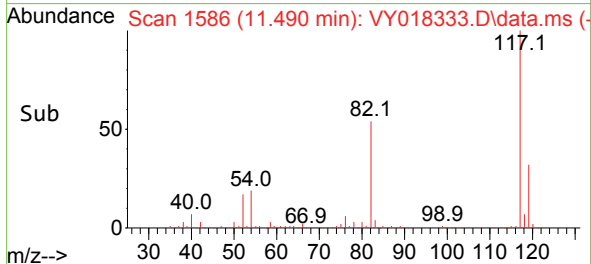
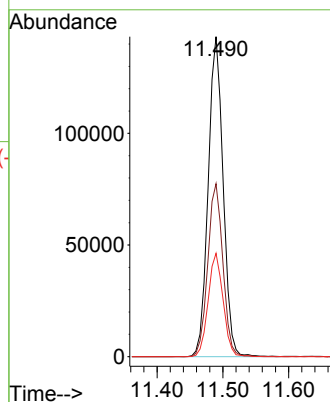
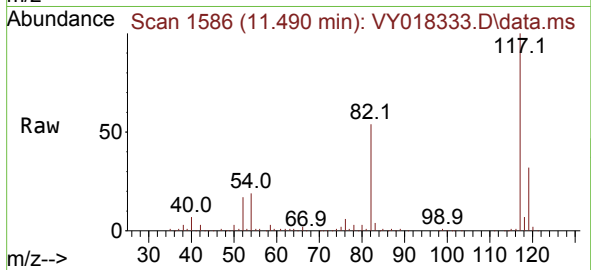




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY018333.D
Acq: 20 May 2024 14:27

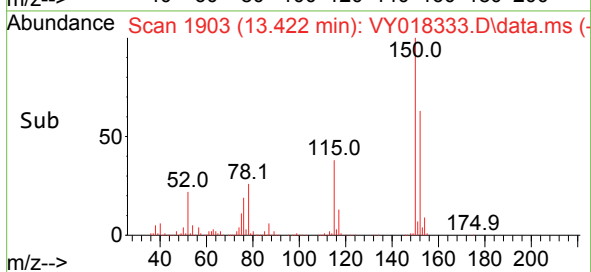
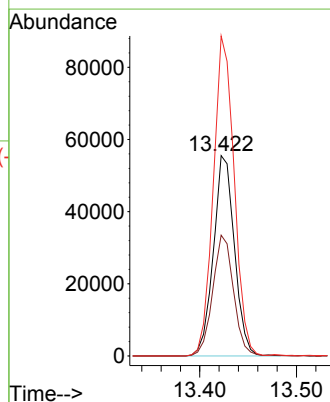
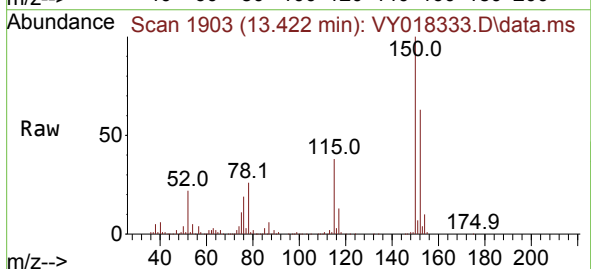
Instrument :
MSVOA_Y
ClientSampleId :
MH-B-VOC

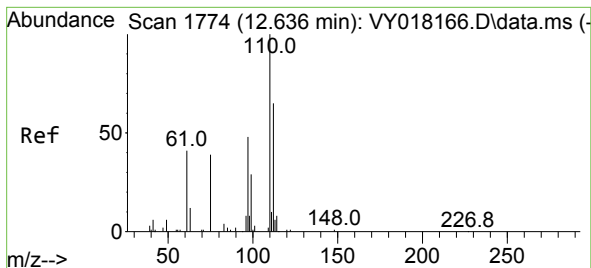
Tgt Ion:117 Resp: 226568
Ion Ratio Lower Upper
117 100
82 54.0 42.4 63.6
119 32.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY018333.D
Acq: 20 May 2024 14:27

Tgt Ion:152 Resp: 83848
Ion Ratio Lower Upper
152 100
115 59.8 28.2 84.7
150 158.2 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 69.856 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.158 min

Lab File: VY018333.D

Acq: 20 May 2024 14:27

Instrument :

MSVOA_Y

ClientSampleId :

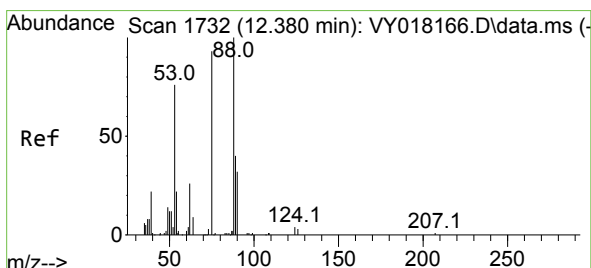
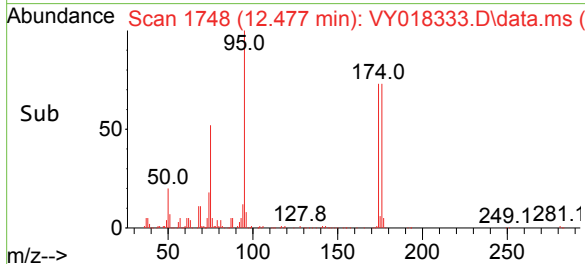
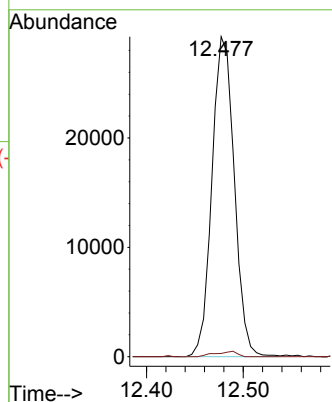
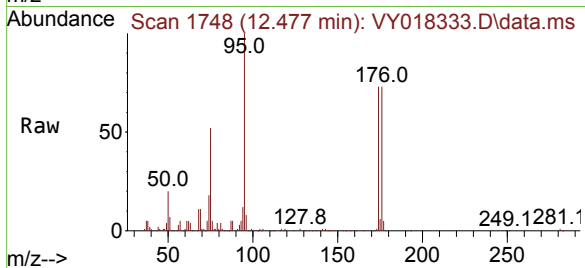
MH-B-VOC

Tgt Ion: 75 Resp: 46884

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 134.590 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.098 min

Lab File: VY018333.D

Acq: 20 May 2024 14:27

Tgt Ion: 75 Resp: 46884

Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.0 35.8 53.6#

