

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052024\
 Data File : VY018330.D
 Acq On : 20 May 2024 13:15
 Operator : SY/MD
 Sample : P2518-03
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-MH-MM

Quant Time: May 21 01:23:55 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)

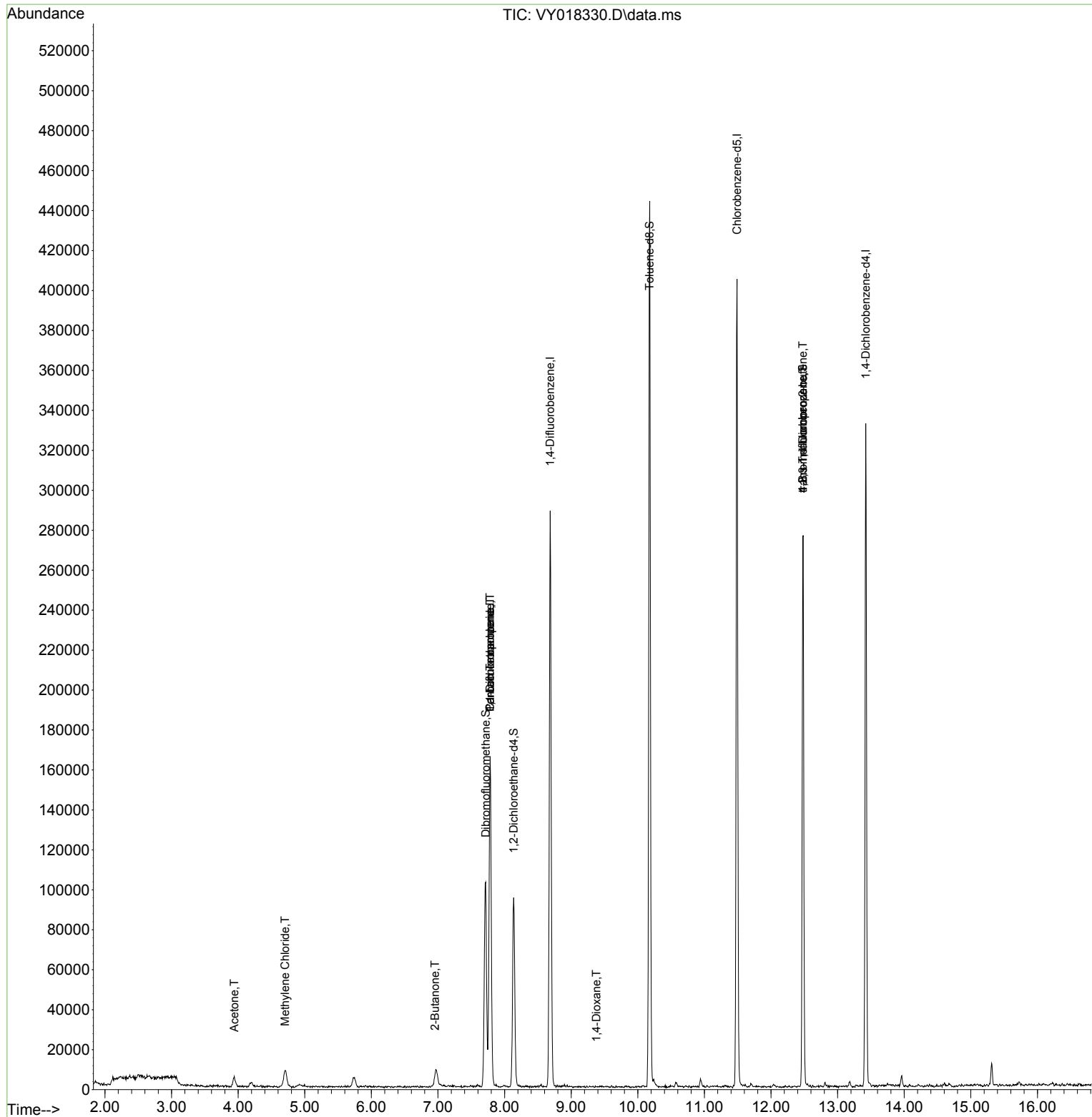
Internal Standards						
1) Pentafluorobenzene	7.783	168	124707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	248690	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	223906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	81854	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	70158	76.472	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 152.940%	
35) Dibromofluoromethane	7.716	113	74017	56.632	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.260%	
50) Toluene-d8	10.179	98	289798	56.268	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.540%	
62) 4-Bromofluorobenzene	12.477	95	88655	53.302	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.600%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.899	59	427	Below Cal	#	88
13) Acrolein	3.729	56	20	Below Cal	#	15
16) Acetone	3.942	43	7634	41.697	ug/l #	84
20) Methylene Chloride	4.704	84	6255	4.834	ug/l #	83
25) 2-Butanone	6.954	43	677	2.313	ug/l #	41
31) Cyclohexane	7.783	56	2927	Below Cal	#	6
36) 1,1-Dichloropropene	7.783	75	10553	5.632	ug/l #	48
38) Carbon Tetrachloride	7.783	117	12944	6.323	ug/l #	18
49) 1,4-Dioxane	9.380	88	20	1.989	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	45364	69.238	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	45364	133.398	ug/l #	16

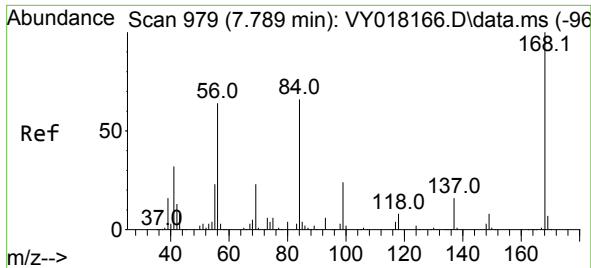
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052024\
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Quant Time: May 21 01:23:55 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

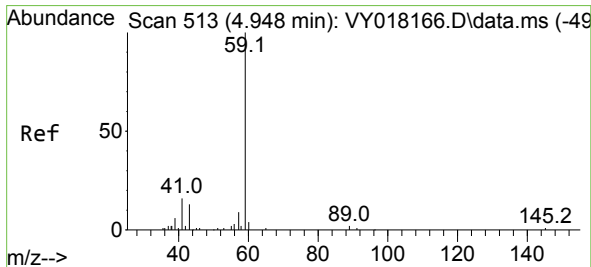
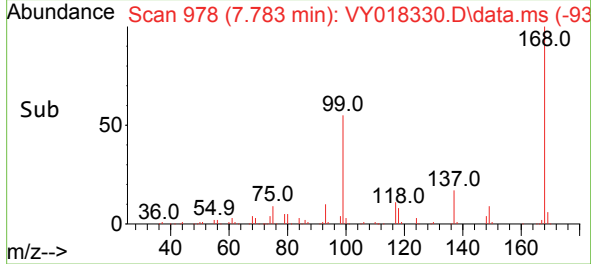
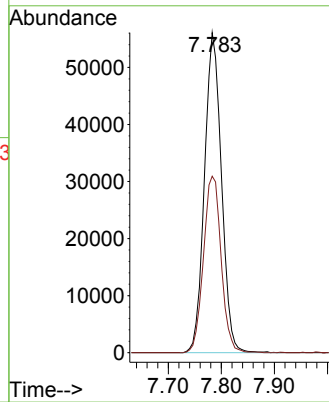
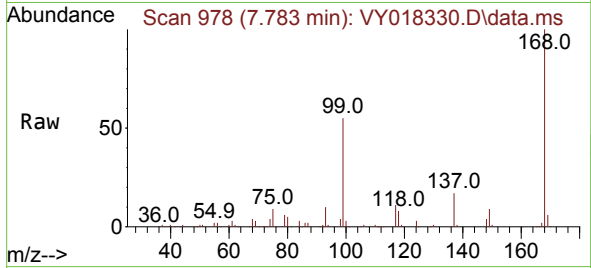




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018330.D
Acq: 20 May 2024 13:15

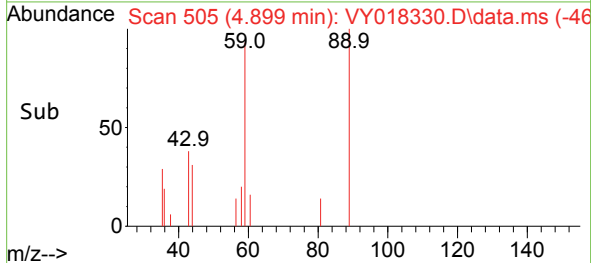
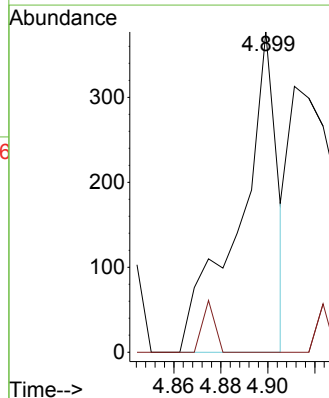
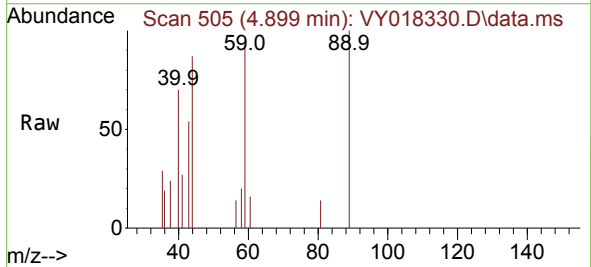
Instrument :
MSVOA_Y
ClientSampleId :
VOC-MH-MM

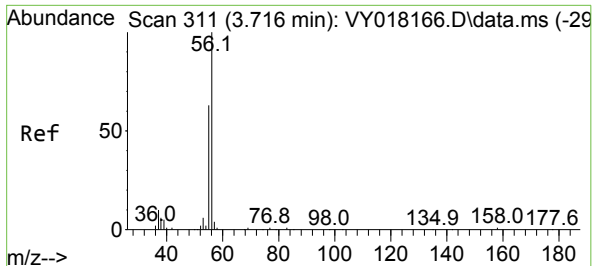
Tgt Ion:168 Resp: 124707
Ion Ratio Lower Upper
168 100
99 55.2 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.899 min Scan# 505
Delta R.T. -0.049 min
Lab File: VY018330.D
Acq: 20 May 2024 13:15

Tgt Ion: 59 Resp: 427
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

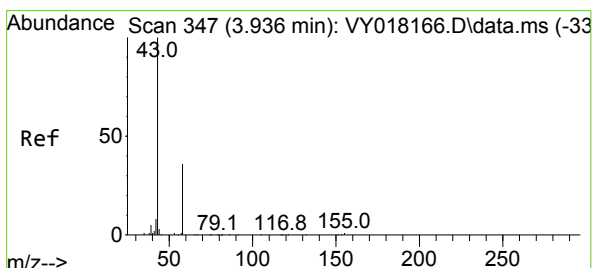
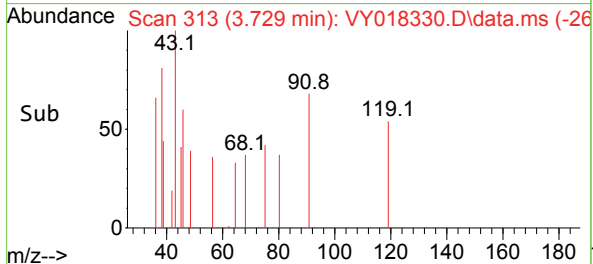
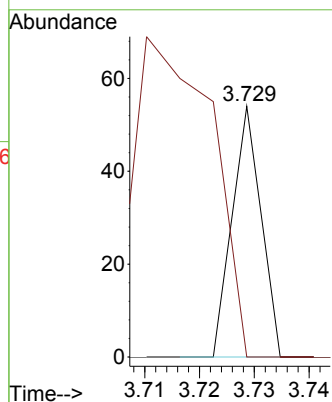
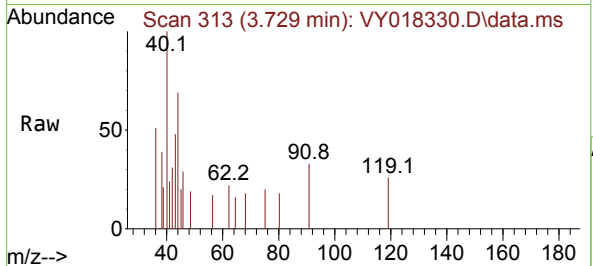




#13
Acrolein
Concen: Below Cal
RT: 3.729 min Scan# 311
Delta R.T. 0.013 min
Lab File: VY018330.D
Acq: 20 May 2024 13:15

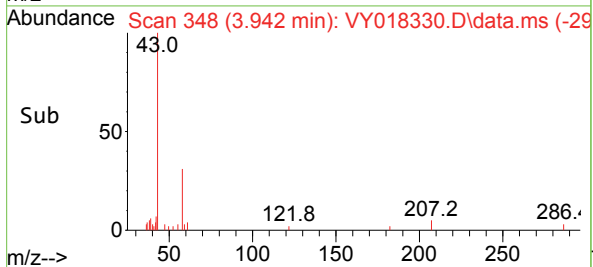
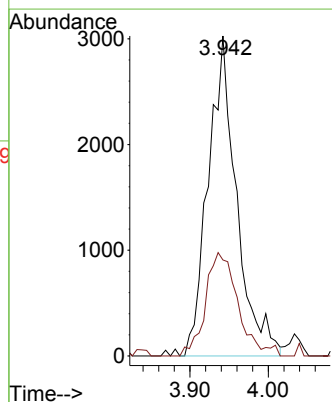
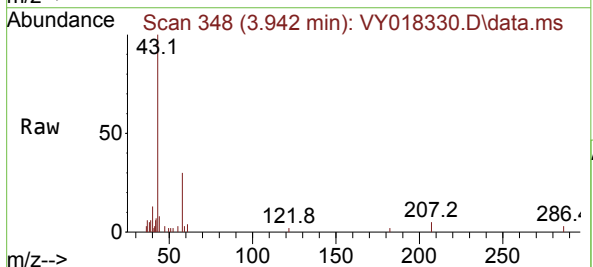
Instrument :
MSVOA_Y
ClientSampleId :
VOC-MH-MM

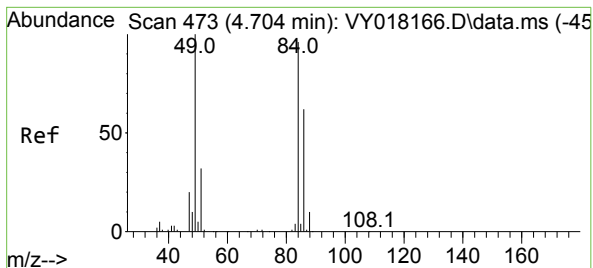
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#



#16
Acetone
Concen: 41.697 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY018330.D
Acq: 20 May 2024 13:15

Tgt Ion: 43 Resp: 7634
Ion Ratio Lower Upper
43 100
58 30.0 31.7 47.5#





#20

Methylene Chloride

Concen: 4.834 ug/l

RT: 4.704 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY018330.D

Acq: 20 May 2024 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VOC-MH-MM

Tgt Ion: 84 Resp: 6255

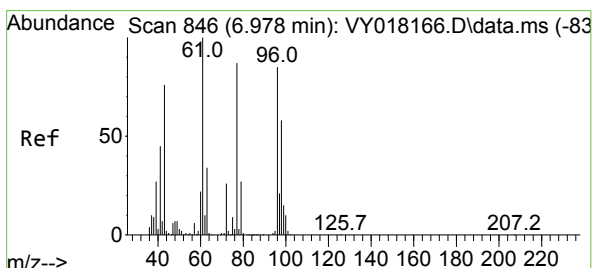
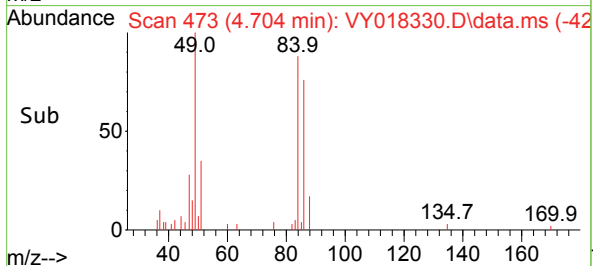
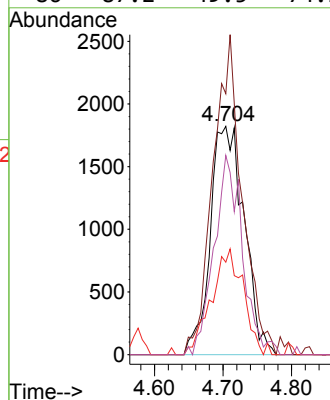
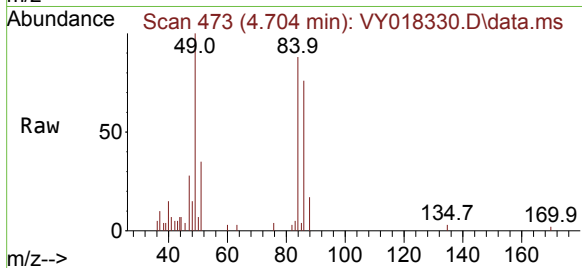
Ion Ratio Lower Upper

84 100

49 114.3 84.4 126.6

51 40.5 26.0 39.0#

86 87.2 49.5 74.3#



#25

2-Butanone

Concen: 2.313 ug/l

RT: 6.954 min Scan# 842

Delta R.T. -0.024 min

Lab File: VY018330.D

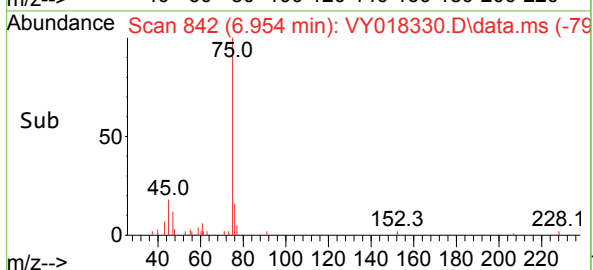
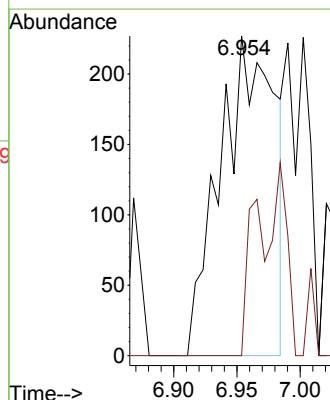
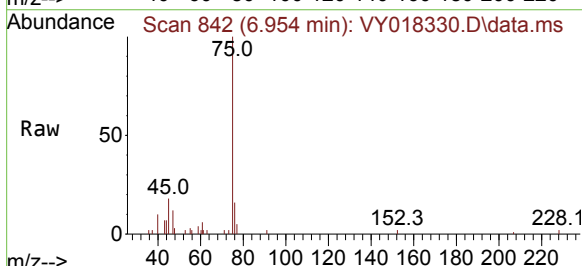
Acq: 20 May 2024 13:15

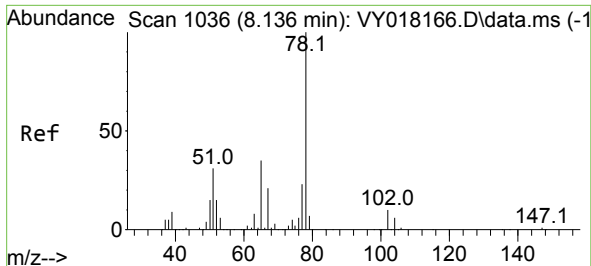
Tgt Ion: 43 Resp: 677

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#

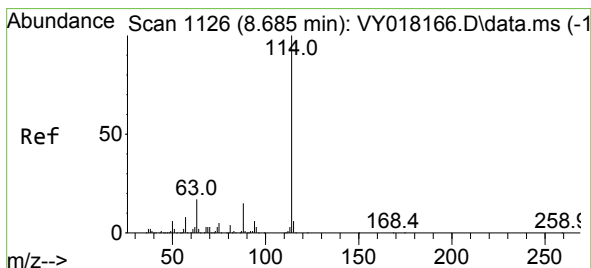
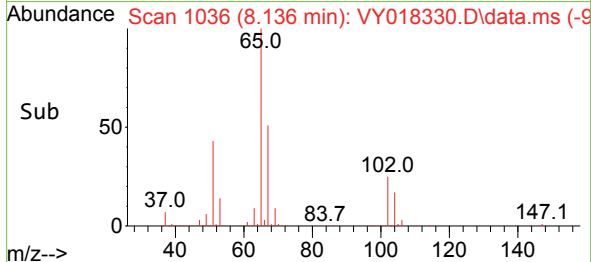
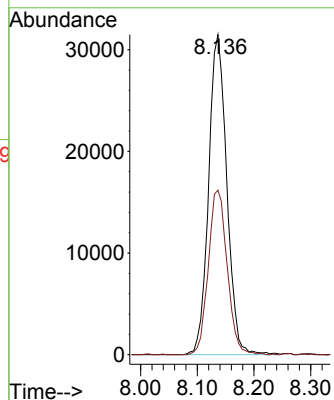
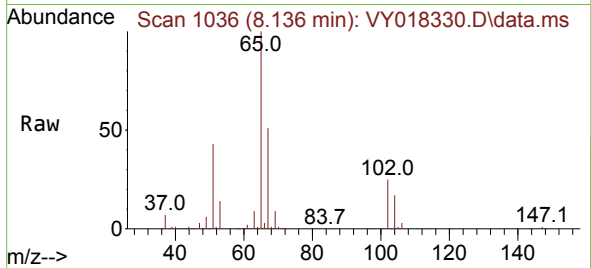




#33
1,2-Dichloroethane-d4
Concen: 76.472 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY018330.D
Acq: 20 May 2024 13:15

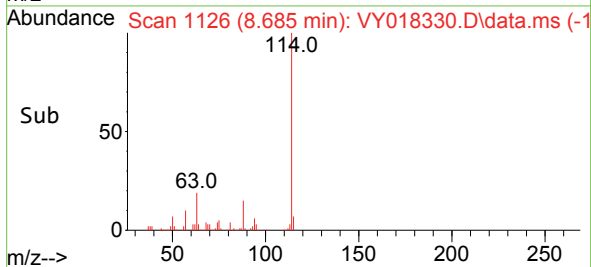
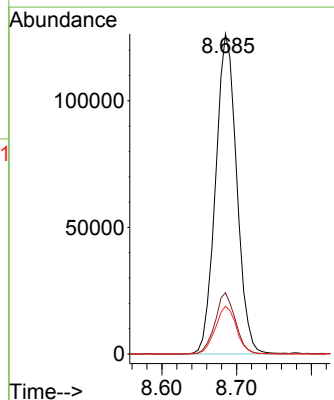
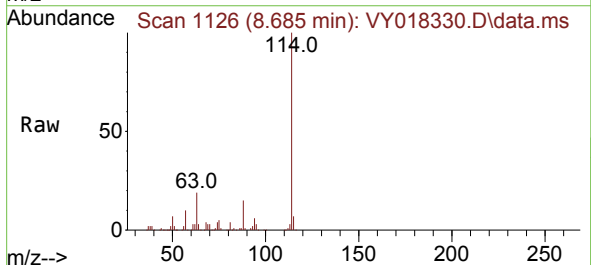
Instrument :
MSVOA_Y
ClientSampleId :
VOC-MH-MM

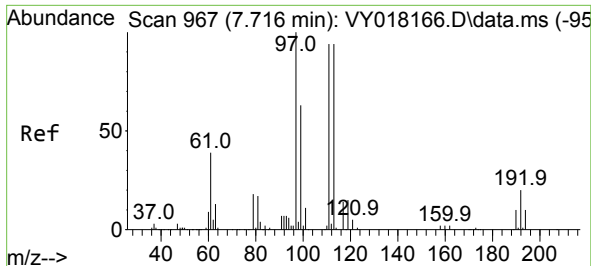
Tgt Ion: 65 Resp: 70158
Ion Ratio Lower Upper
65 100
67 53.4 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY018330.D
Acq: 20 May 2024 13:15

Tgt Ion: 114 Resp: 248690
Ion Ratio Lower Upper
114 100
63 19.2 0.0 35.0
88 14.9 0.0 27.2

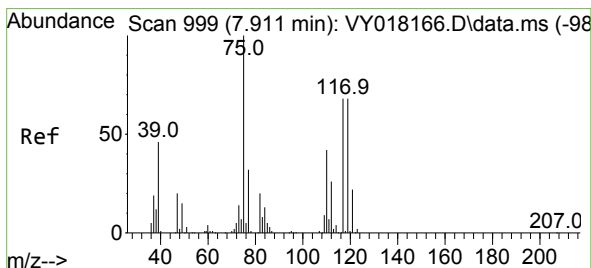
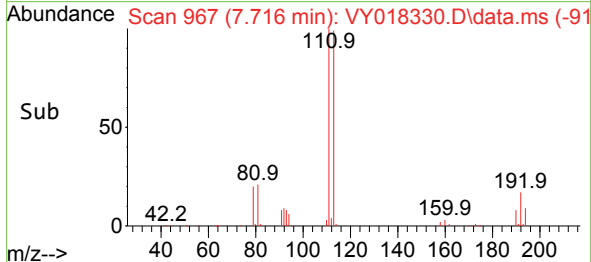
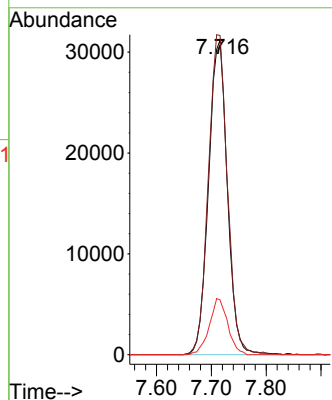
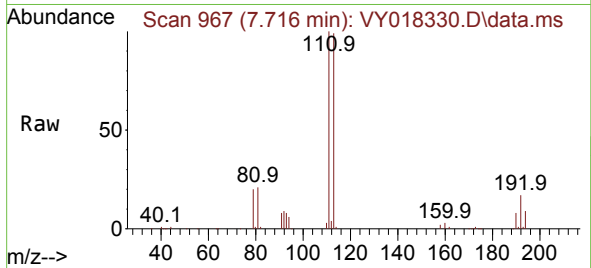




#35
Dibromofluoromethane
Concen: 56.632 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY018330.D
Acq: 20 May 2024 13:15

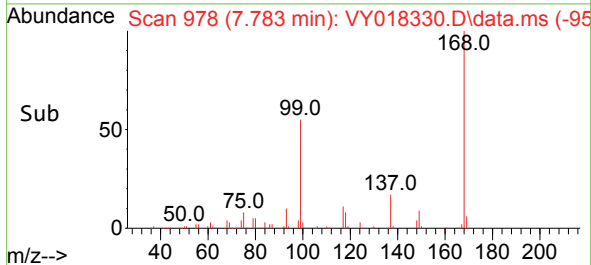
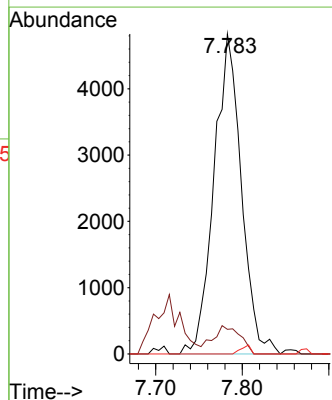
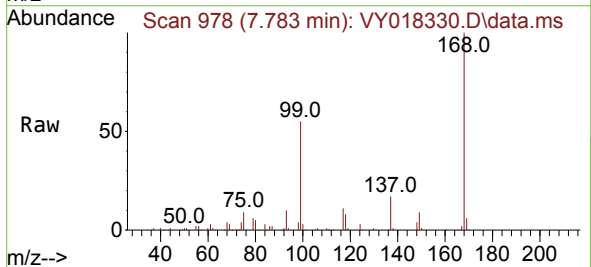
Instrument :
MSVOA_Y
ClientSampleId :
VOC-MH-MM

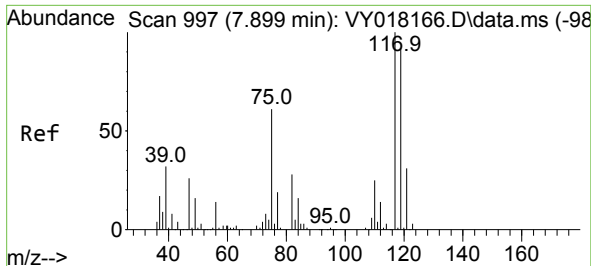
Tgt Ion:113 Resp: 74017
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.4
192 17.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.632 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY018330.D
Acq: 20 May 2024 13:15

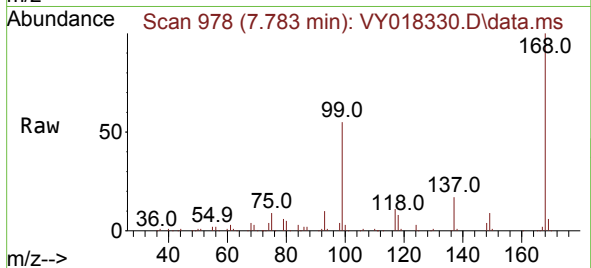
Tgt Ion: 75 Resp: 10553
Ion Ratio Lower Upper
75 100
110 8.7 19.0 57.0#
77 0.0 25.3 37.9#



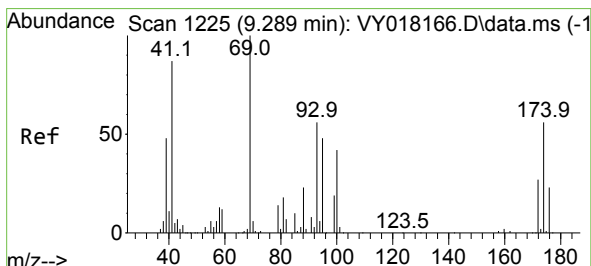
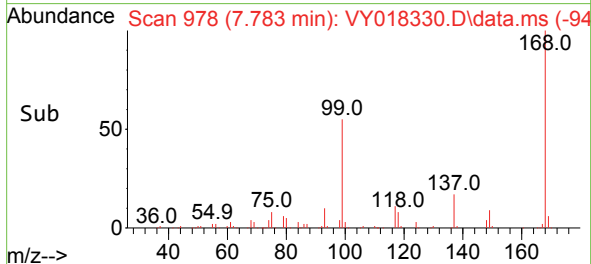
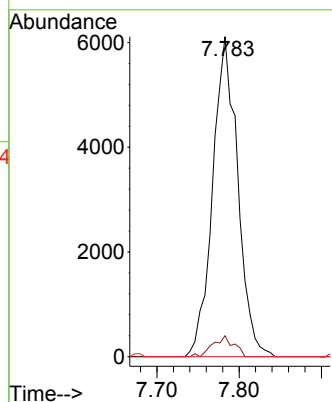


#38
Carbon Tetrachloride
Concen: 6.323 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018330.D
Acq: 20 May 2024 13:15

Instrument :
MSVOA_Y
ClientSampleId :
VOC-MH-MM

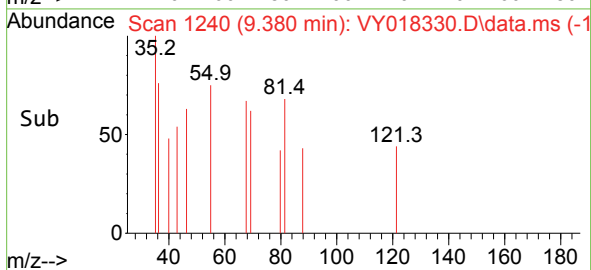
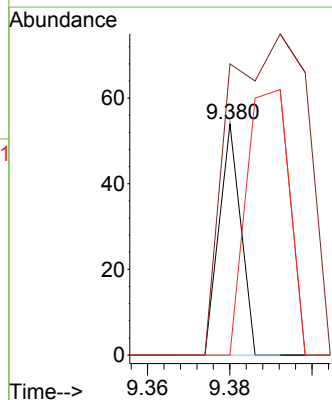
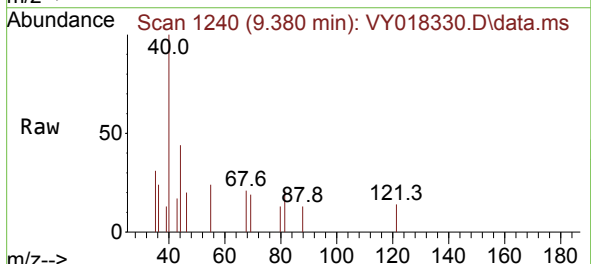


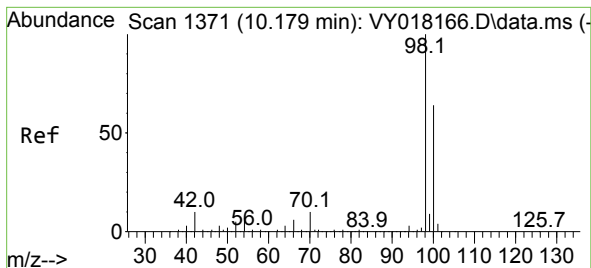
Tgt Ion:117 Resp: 12944
Ion Ratio Lower Upper
117 100
119 6.6 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 1.989 ug/l
RT: 9.380 min Scan# 1240
Delta R.T. 0.091 min
Lab File: VY018330.D
Acq: 20 May 2024 13:15

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 500.0 0.0 0.0#
58 225.0 49.3 73.9#

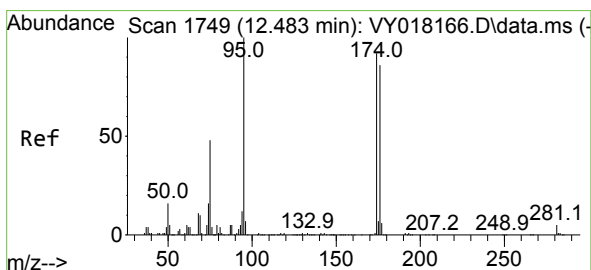
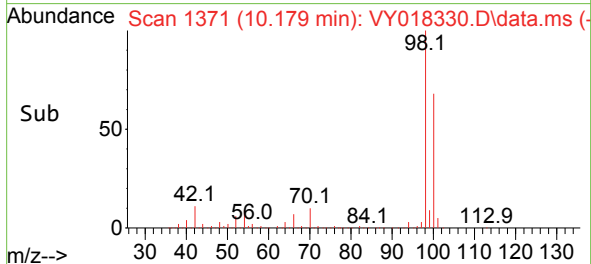
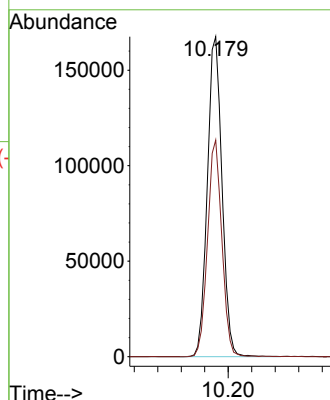
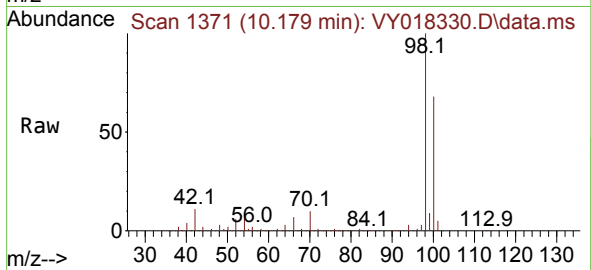




#50
Toluene-d8
Concen: 56.268 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018330.D
Acq: 20 May 2024 13:15

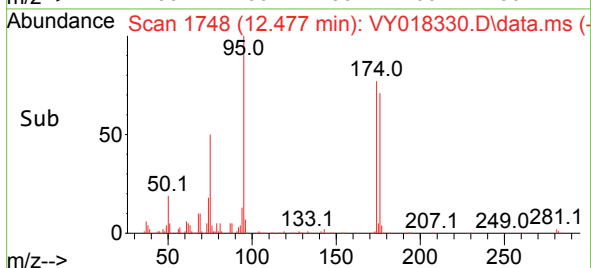
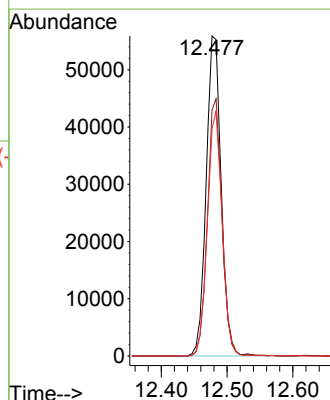
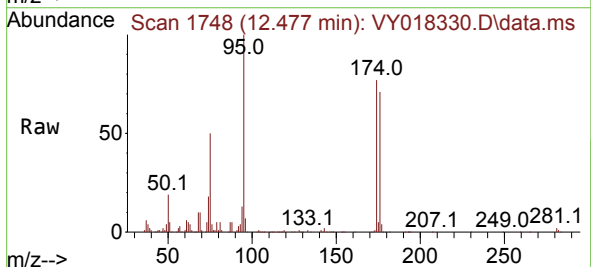
Instrument :
MSVOA_Y
ClientSampleId :
VOC-MH-MM

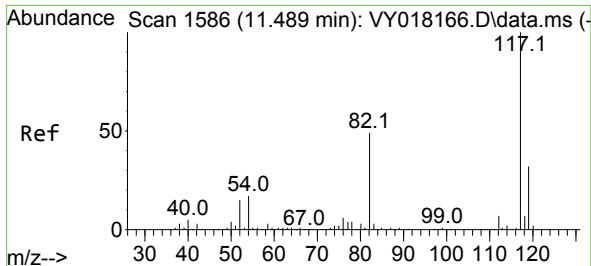
Tgt Ion: 98 Resp: 289798
Ion Ratio Lower Upper
98 100
100 66.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 53.302 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018330.D
Acq: 20 May 2024 13:15

Tgt Ion: 95 Resp: 88655
Ion Ratio Lower Upper
95 100
174 78.4 0.0 175.6
176 75.3 0.0 171.4

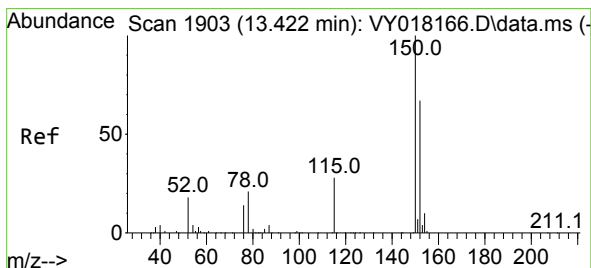
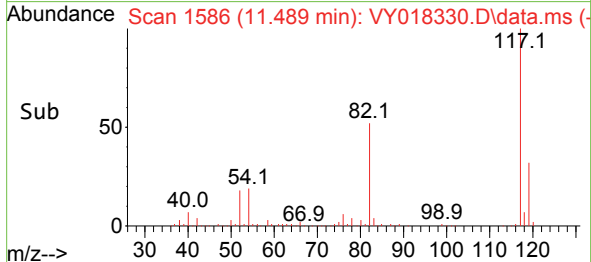
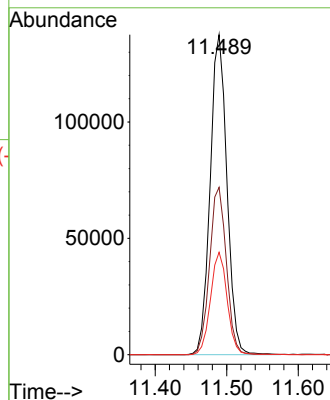
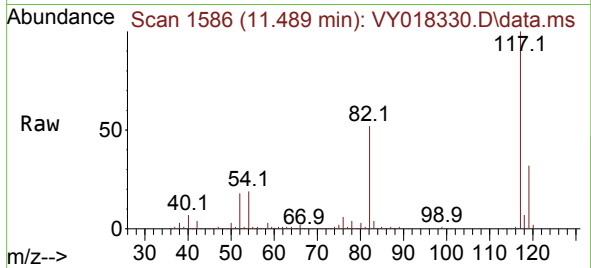




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY018330.D
Acq: 20 May 2024 13:15

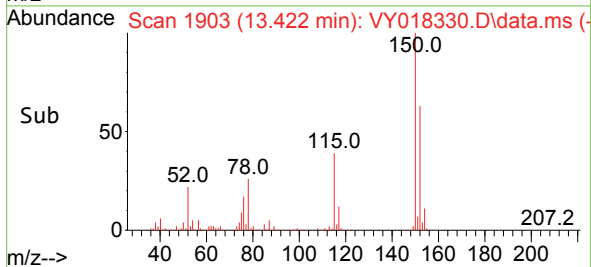
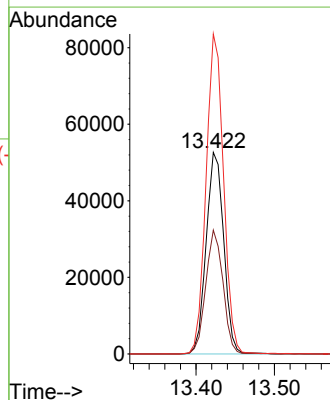
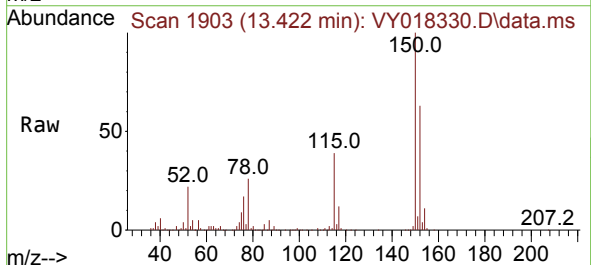
Instrument :
MSVOA_Y
ClientSampleId :
VOC-MH-MM

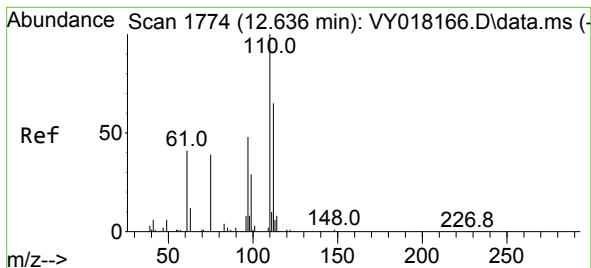
Tgt Ion:117 Resp: 223906
Ion Ratio Lower Upper
117 100
82 52.3 42.4 63.6
119 32.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY018330.D
Acq: 20 May 2024 13:15

Tgt Ion:152 Resp: 81854
Ion Ratio Lower Upper
152 100
115 60.4 28.2 84.7
150 157.4 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 69.238 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.159 min

Lab File: VY018330.D

Acq: 20 May 2024 13:15

Instrument :

MSVOA_Y

ClientSampleId :

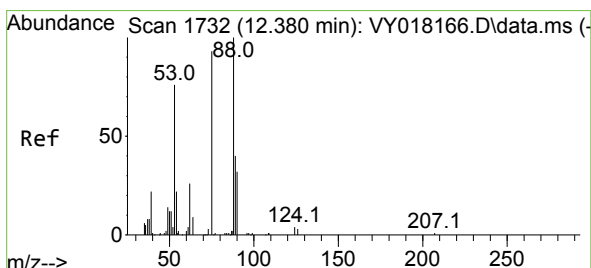
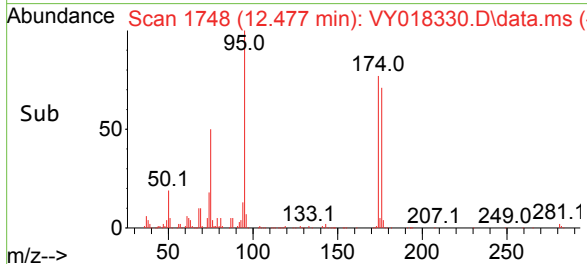
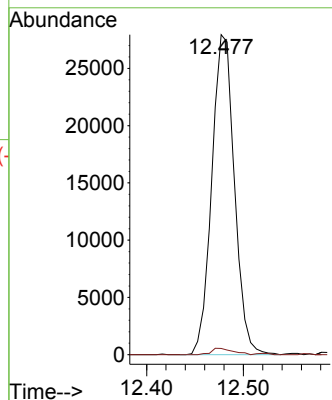
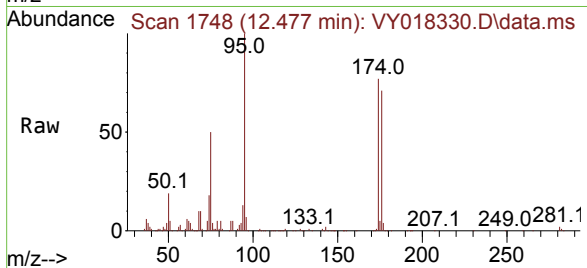
VOC-MH-MM

Tgt Ion: 75 Resp: 45364

Ion Ratio Lower Upper

75 100

77 1.9 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 133.398 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.098 min

Lab File: VY018330.D

Acq: 20 May 2024 13:15

Tgt Ion: 75 Resp: 45364

Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.1 35.8 53.6#

