

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052024\
 Data File : VY018327.D
 Acq On : 20 May 2024 12:03
 Operator : SY/MD
 Sample : P2500-01
 Misc : 5.72g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-112-SB01RE

Quant Time: May 21 01:22:42 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)

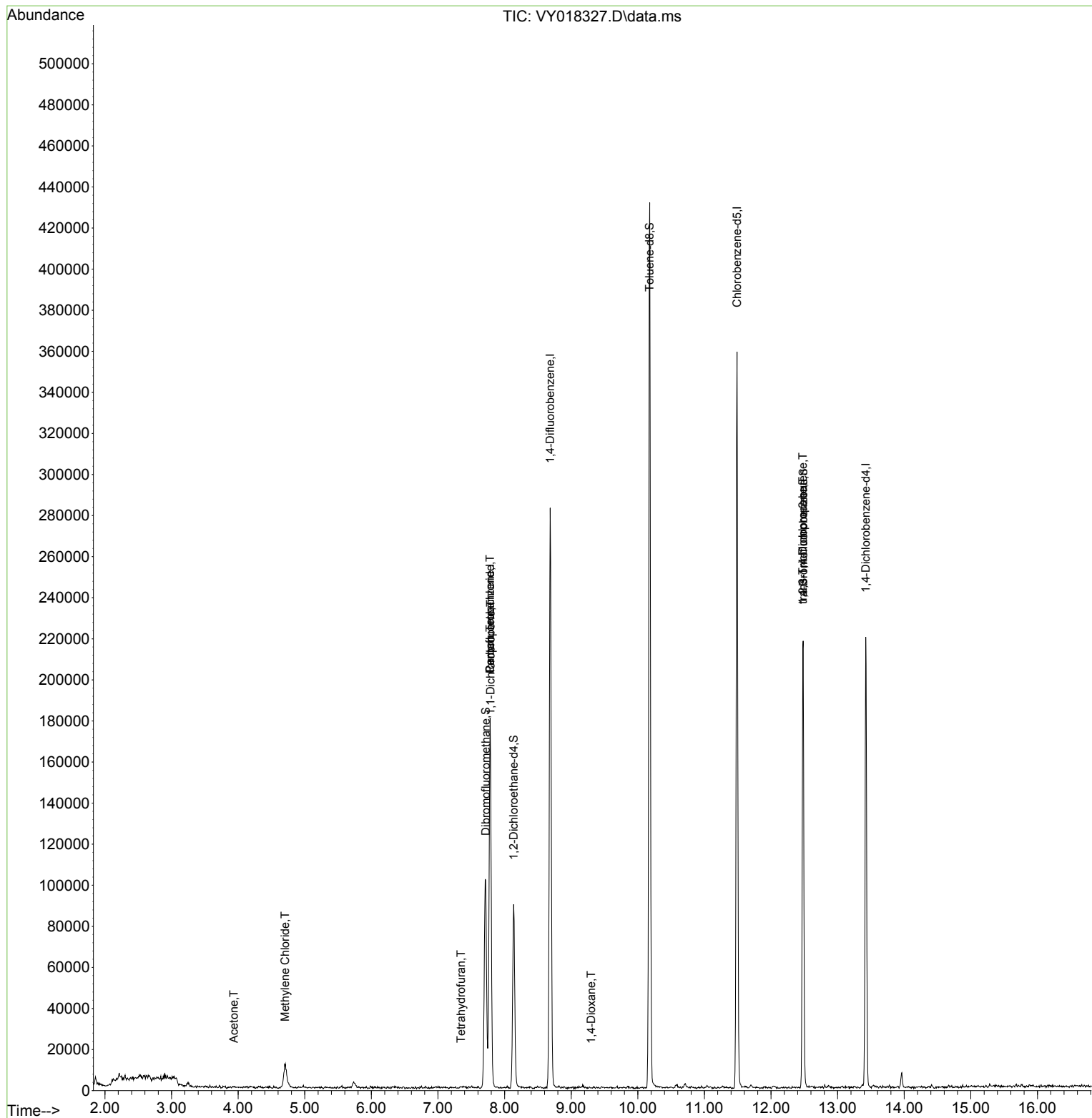
Internal Standards						
1) Pentafluorobenzene	7.783	168	132166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	251558	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	194520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	57154	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	66100	67.983	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.960%	
35) Dibromofluoromethane	7.716	113	74161	56.095	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.200%	
50) Toluene-d8	10.179	98	287535	55.192	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.380%	
62) 4-Bromofluorobenzene	12.483	95	67852	40.330	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 80.660%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	213	Below Cal	#	88
13) Acrolein	3.704	56	25	Below Cal	#	15
16) Acetone	3.936	43	587	3.025	ug/l #	87
20) Methylene Chloride	4.704	84	8241	6.009	ug/l #	94
29) Tetrahydrofuran	7.344	42	587	2.867	ug/l #	46
31) Cyclohexane	7.783	56	3406	Below Cal	#	50
36) 1,1-Dichloropropene	7.789	75	11348	5.988	ug/l #	51
38) Carbon Tetrachloride	7.783	117	13382	6.462	ug/l #	18
49) 1,4-Dioxane	9.301	88	66	6.489	ug/l #	20
76) 1,2,3-Trichloropropane	12.477	75	35044	76.602	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	35044	147.586	ug/l #	16

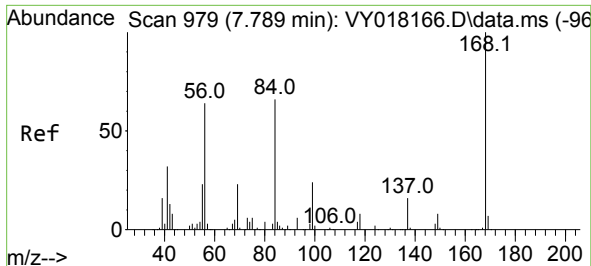
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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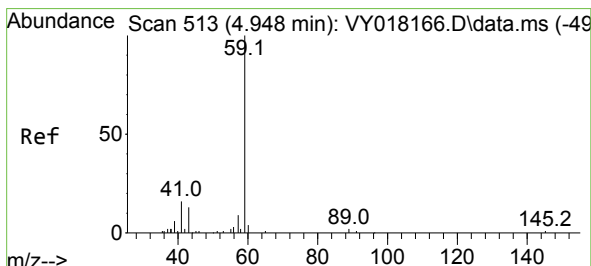
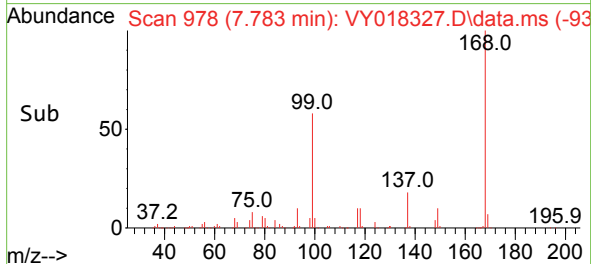
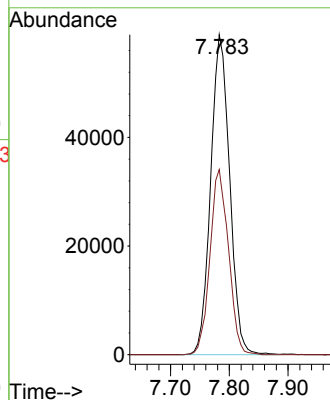
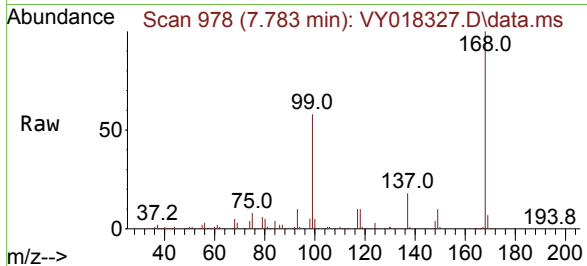




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018327.D
Acq: 20 May 2024 12:03

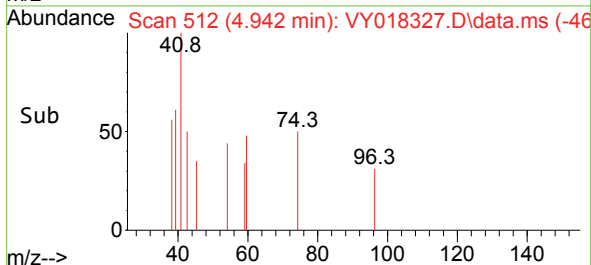
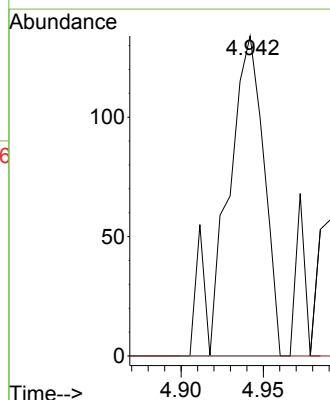
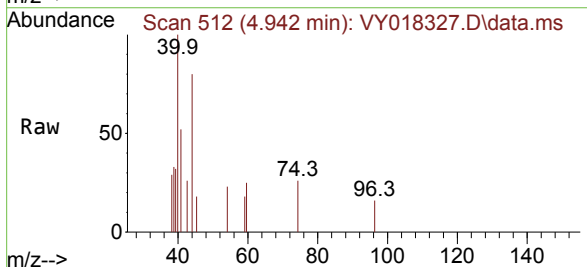
Instrument :
MSVOA_Y
ClientSampleId :
B-112-SB01RE

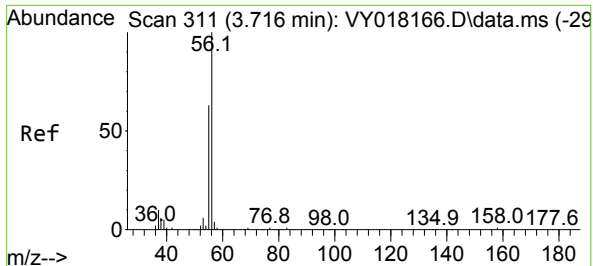
Tgt Ion:168 Resp: 132166
Ion Ratio Lower Upper
168 100
99 57.9 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY018327.D
Acq: 20 May 2024 12:03

Tgt Ion: 59 Resp: 213
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

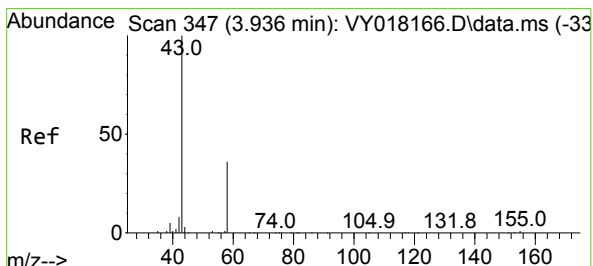
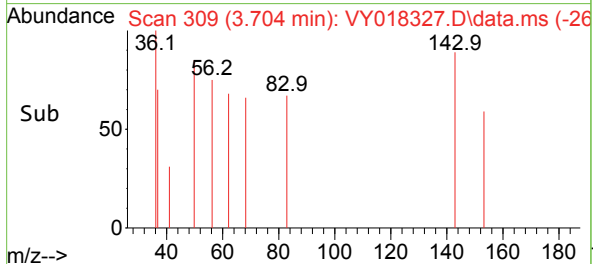
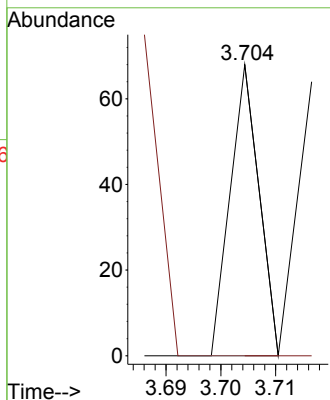
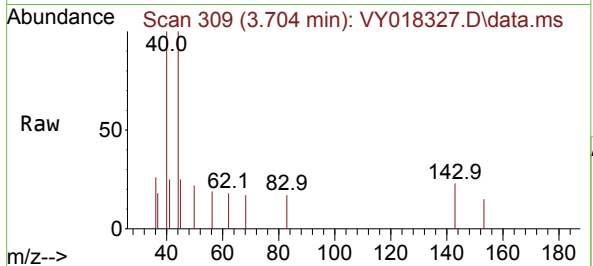




#13
Acrolein
Concen: Below Cal
RT: 3.704 min Scan# 309
Delta R.T. -0.012 min
Lab File: VY018327.D
Acq: 20 May 2024 12:03

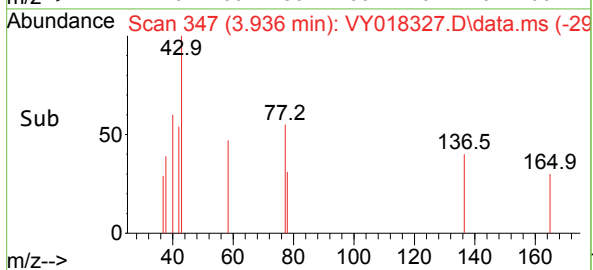
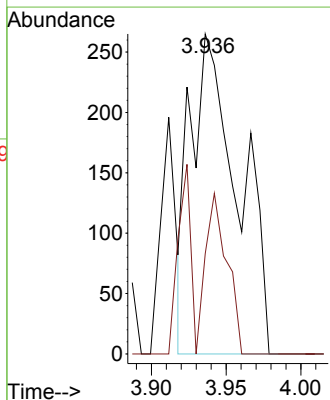
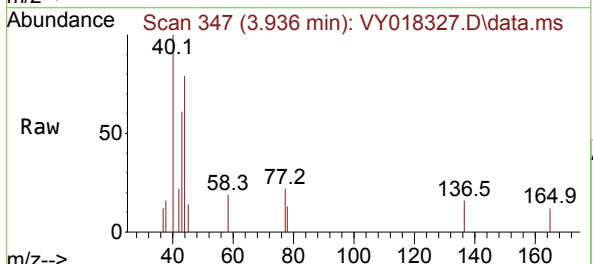
Instrument :
MSVOA_Y
ClientSampleId :
B-112-SB01RE

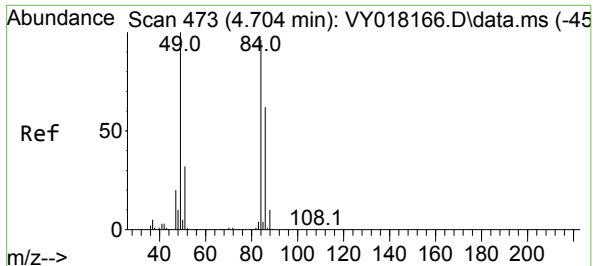
Tgt Ion: 56 Resp: 25
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#



#16
Acetone
Concen: 3.025 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018327.D
Acq: 20 May 2024 12:03

Tgt Ion: 43 Resp: 587
Ion Ratio Lower Upper
43 100
58 31.3 31.7 47.5#

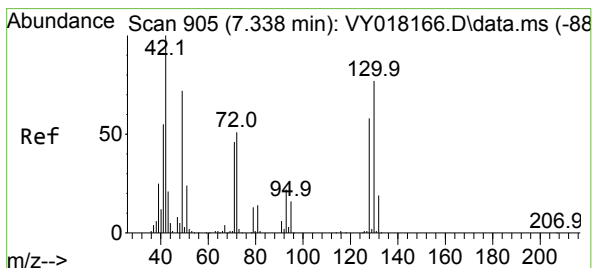
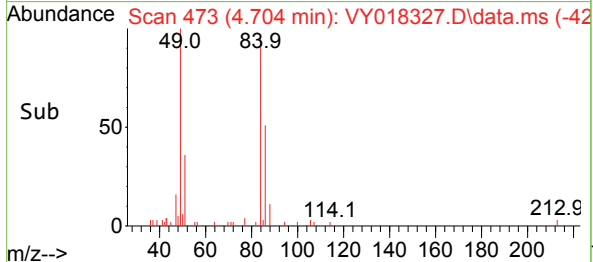
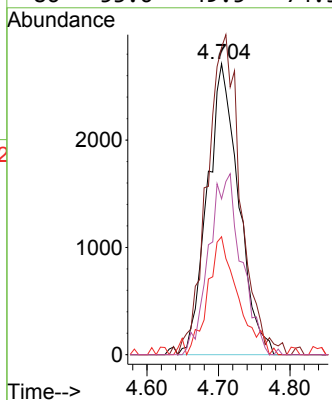
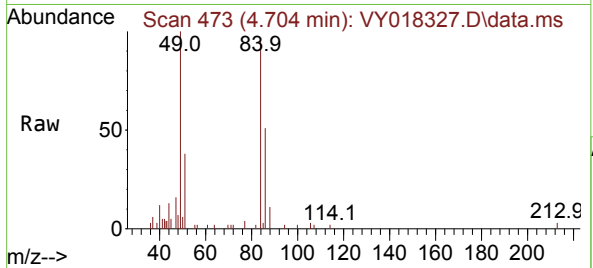




#20
Methylene Chloride
Concen: 6.009 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018327.D
Acq: 20 May 2024 12:03

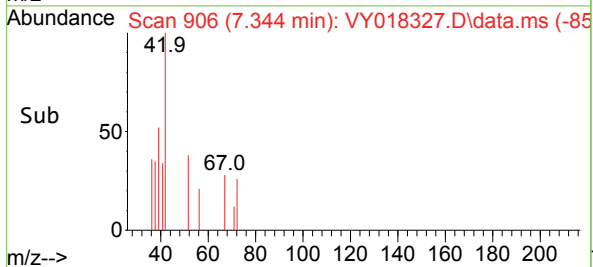
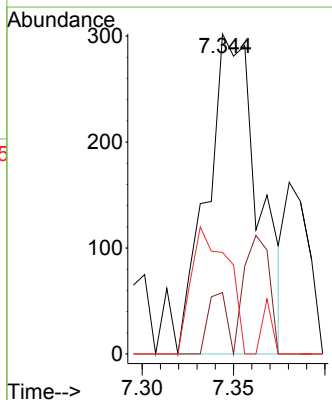
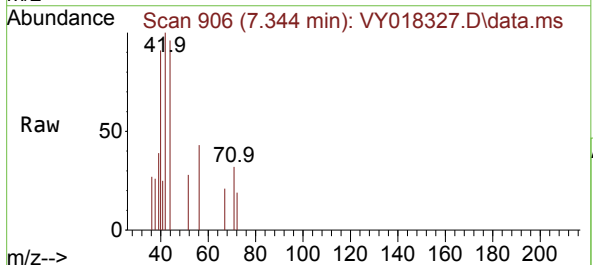
Instrument :
MSVOA_Y
ClientSampleId :
B-112-SB01RE

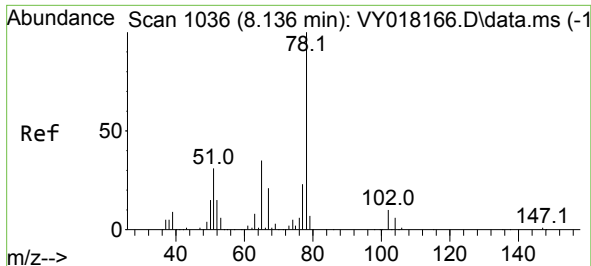
Tgt Ion:	84	Resp:	8241
Ion	Ratio	Lower	Upper
84	100		
49	105.6	84.4	126.6
51	40.6	26.0	39.0#
86	53.6	49.5	74.3



#29
Tetrahydrofuran
Concen: 2.867 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY018327.D
Acq: 20 May 2024 12:03

Tgt Ion:	42	Resp:	587
Ion	Ratio	Lower	Upper
42	100		
72	0.0	43.0	64.4#
71	28.6	40.8	61.2#

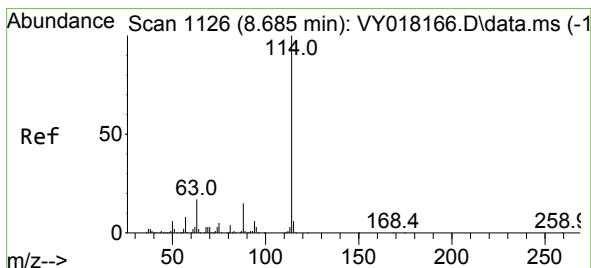
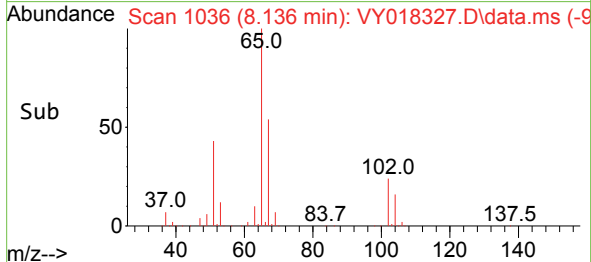
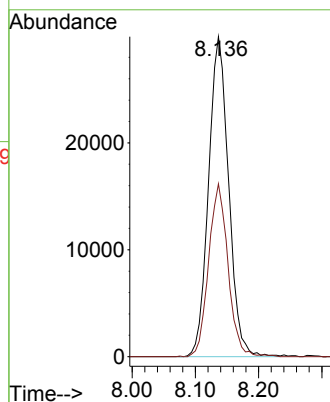
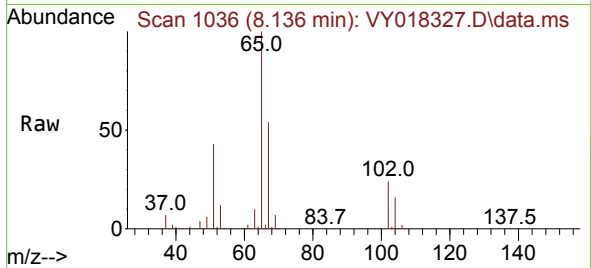




#33
1,2-Dichloroethane-d4
Concen: 67.983 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018327.D
Acq: 20 May 2024 12:03

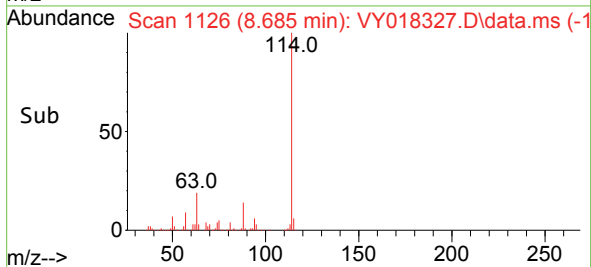
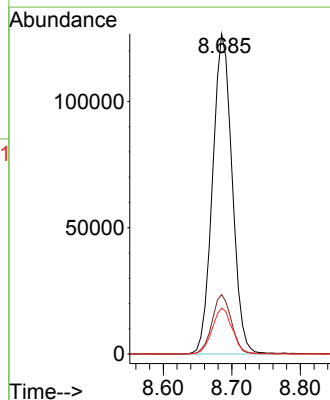
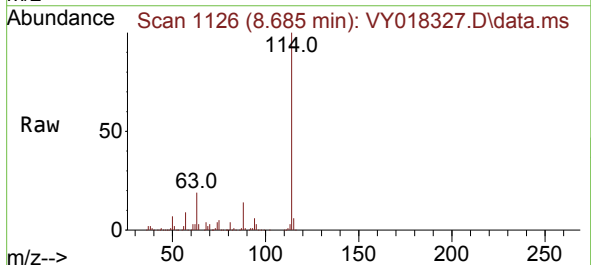
Instrument :
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ClientSampleId :
B-112-SB01RE

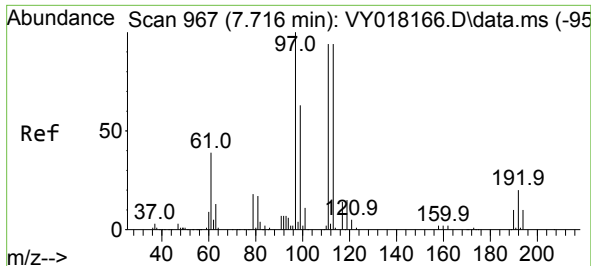
Tgt Ion: 65 Resp: 66100
Ion Ratio Lower Upper
65 100
67 52.3 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018327.D
Acq: 20 May 2024 12:03

Tgt Ion: 114 Resp: 251558
Ion Ratio Lower Upper
114 100
63 18.6 0.0 35.0
88 14.4 0.0 27.2

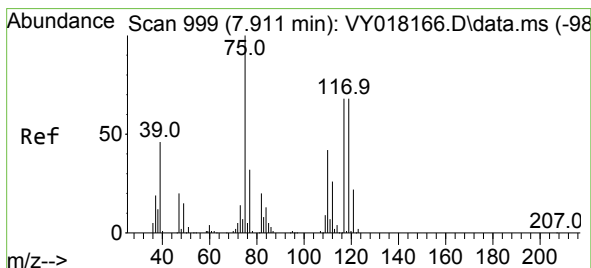
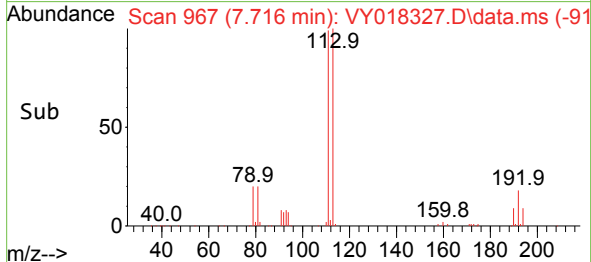
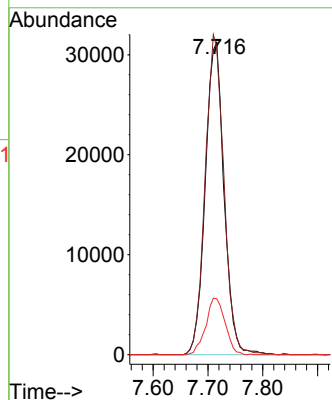
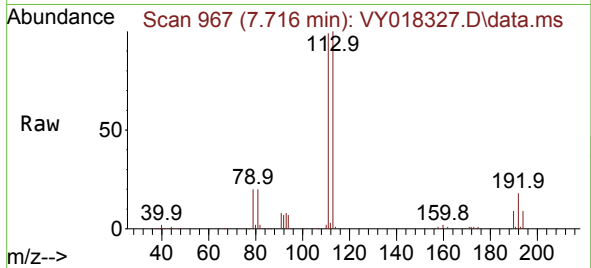




#35
Dibromofluoromethane
Concen: 56.095 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY018327.D
Acq: 20 May 2024 12:03

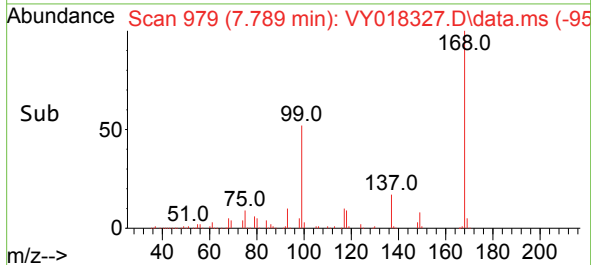
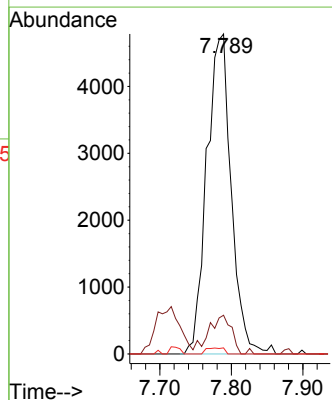
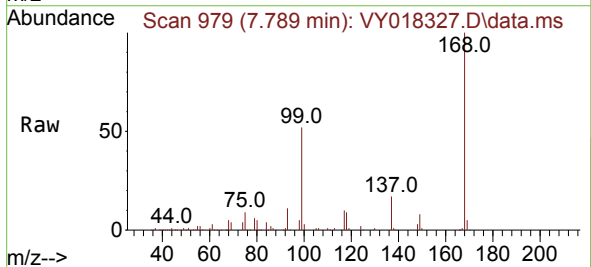
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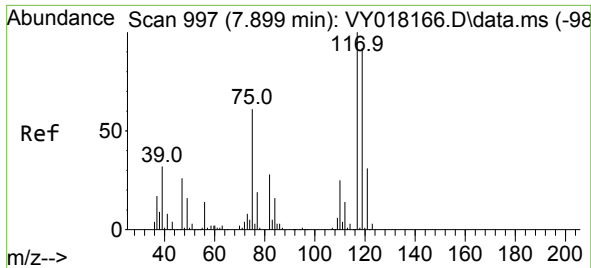
Tgt Ion:113 Resp: 74161
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 18.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.988 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY018327.D
Acq: 20 May 2024 12:03

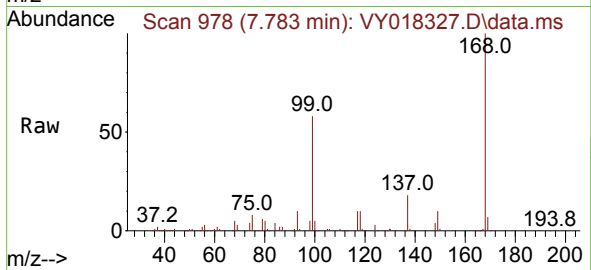
Tgt Ion: 75 Resp: 11348
Ion Ratio Lower Upper
75 100
110 11.2 19.0 57.0#
77 1.4 25.3 37.9#



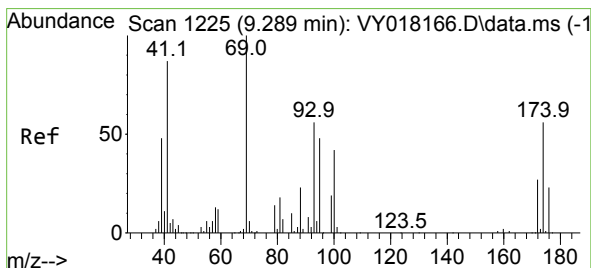
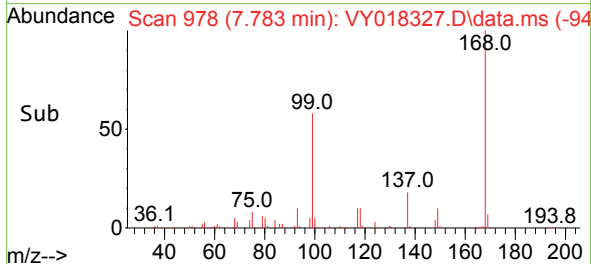
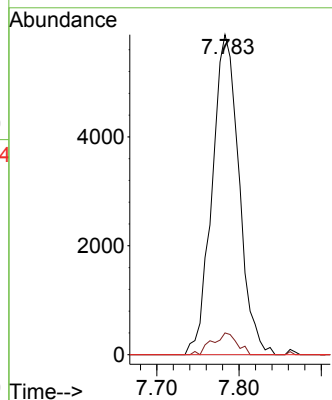


#38
Carbon Tetrachloride
Concen: 6.462 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018327.D
Acq: 20 May 2024 12:03

Instrument :
MSVOA_Y
ClientSampleId :
B-112-SB01RE

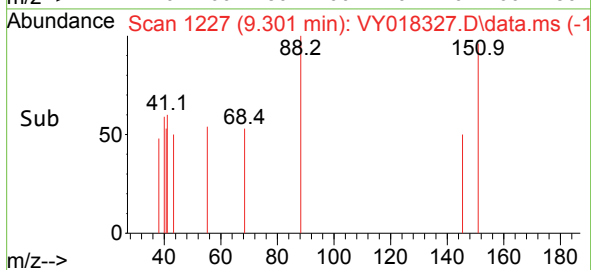
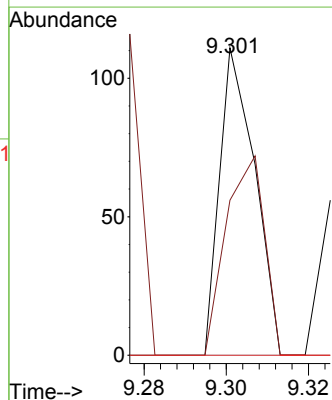
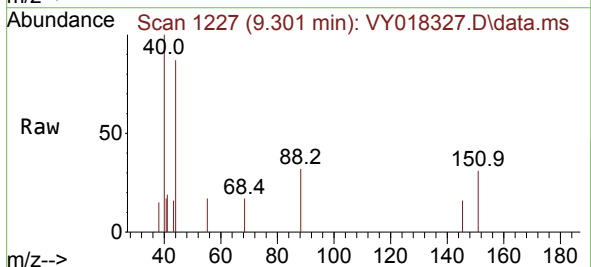


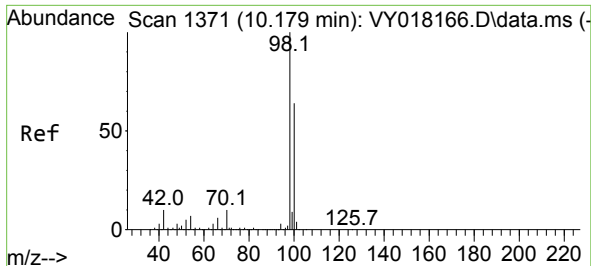
Tgt Ion:117 Resp: 13382
Ion Ratio Lower Upper
117 100
119 6.8 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 6.489 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.012 min
Lab File: VY018327.D
Acq: 20 May 2024 12:03

Tgt Ion: 88 Resp: 66
Ion Ratio Lower Upper
88 100
43 71.2 0.0 0.0#
58 0.0 49.3 73.9#

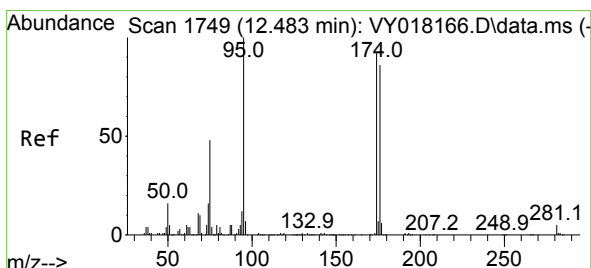
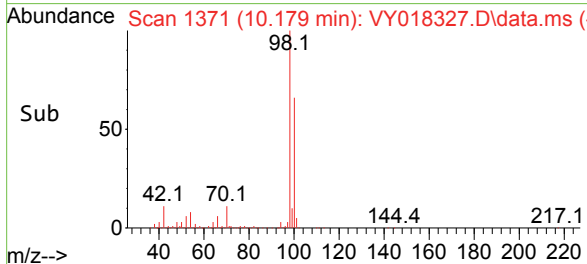
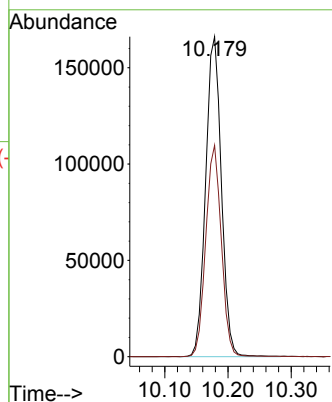
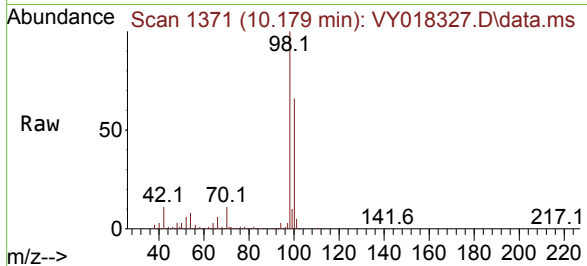




#50
Toluene-d8
Concen: 55.192 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018327.D
Acq: 20 May 2024 12:03

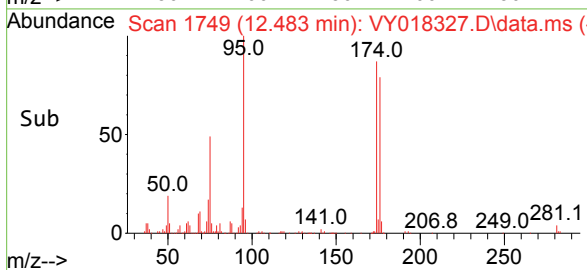
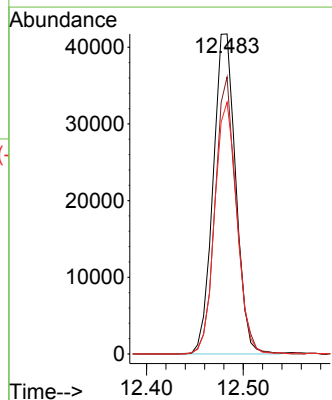
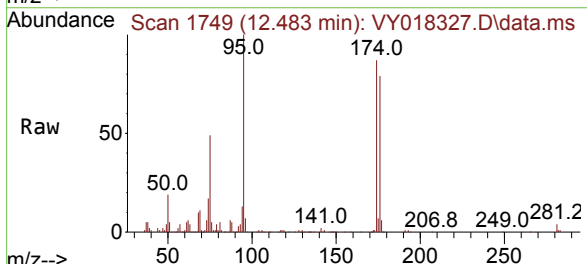
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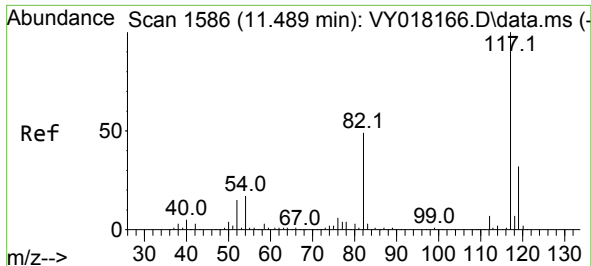
Tgt Ion: 98 Resp: 287535
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 40.330 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018327.D
Acq: 20 May 2024 12:03

Tgt Ion: 95 Resp: 67852
Ion Ratio Lower Upper
95 100
174 81.1 0.0 175.6
176 77.9 0.0 171.4

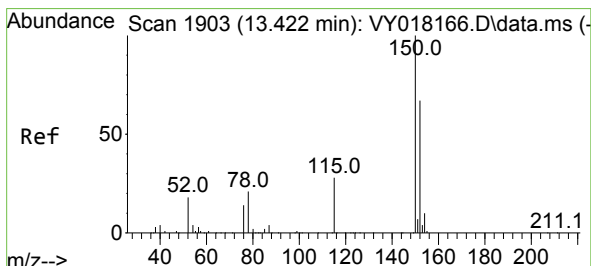
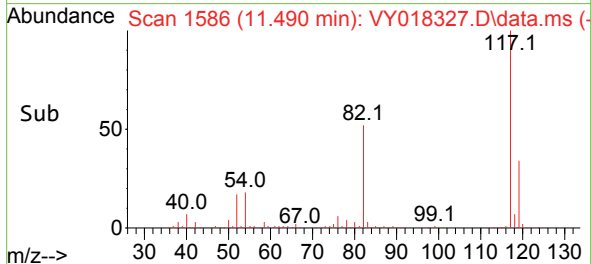
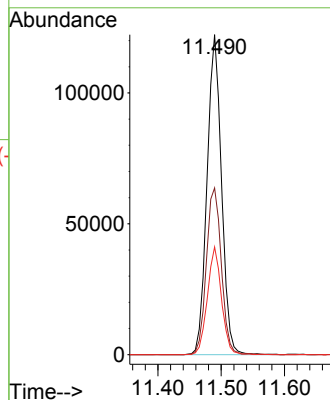
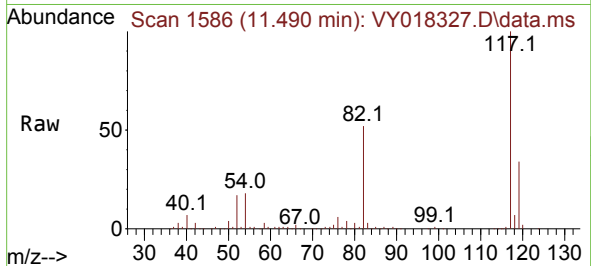




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018327.D
Acq: 20 May 2024 12:03

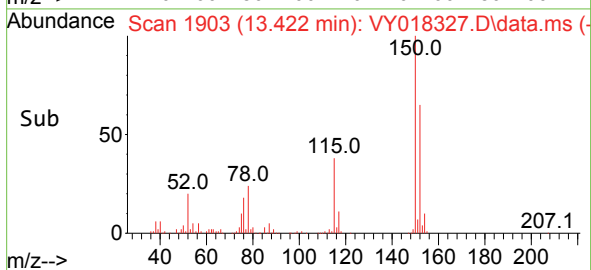
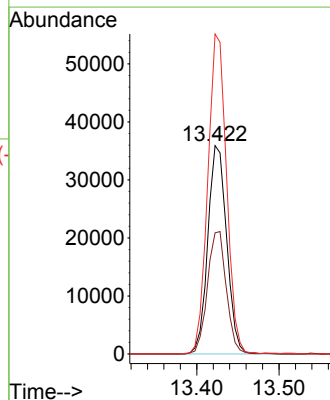
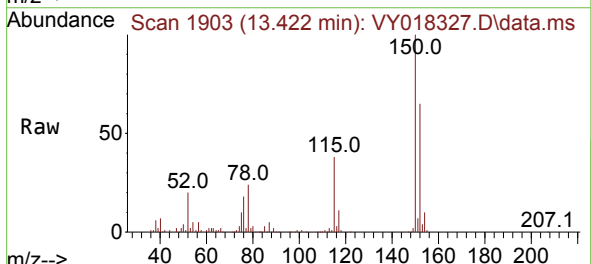
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MSVOA_Y
ClientSampleId :
B-112-SB01RE

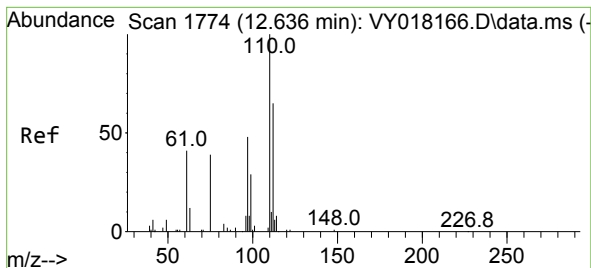
Tgt Ion:117 Resp: 194520
Ion Ratio Lower Upper
117 100
82 52.1 42.4 63.6
119 33.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY018327.D
Acq: 20 May 2024 12:03

Tgt Ion:152 Resp: 57154
Ion Ratio Lower Upper
152 100
115 58.9 28.2 84.7
150 152.9 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 76.602 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.158 min

Lab File: VY018327.D

Acq: 20 May 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

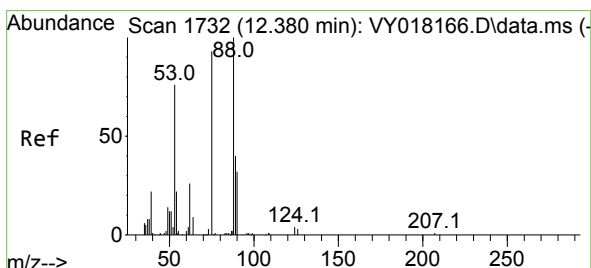
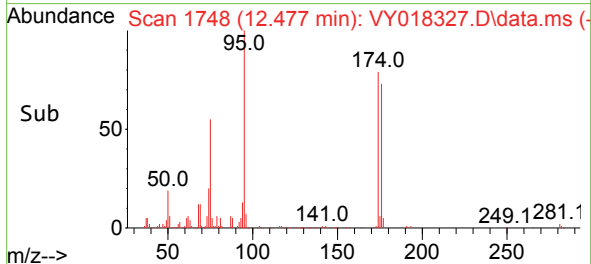
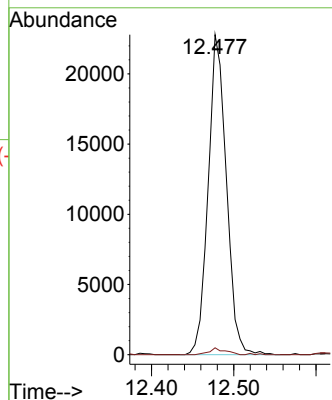
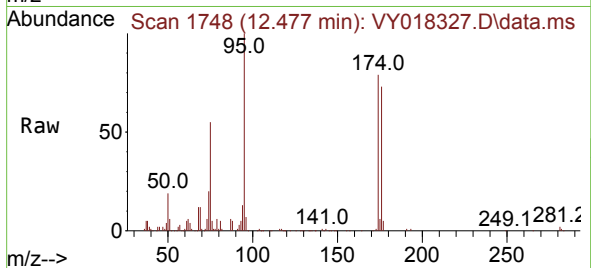
B-112-SB01RE

Tgt Ion: 75 Resp: 35044

Ion Ratio Lower Upper

75 100

77 1.9 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 147.586 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.098 min

Lab File: VY018327.D

Acq: 20 May 2024 12:03

Tgt Ion: 75 Resp: 35044

Ion Ratio Lower Upper

75 100

53 0.1 66.8 100.2#

89 0.3 35.8 53.6#

