

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041423\
 Data File : VY013320.D
 Acq On : 14 Apr 2023 15:44
 Operator : KP/MD
 Sample : 02306-04
 Misc : 6.96g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20230260-17-2

Quant Time: Apr 17 02:13:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

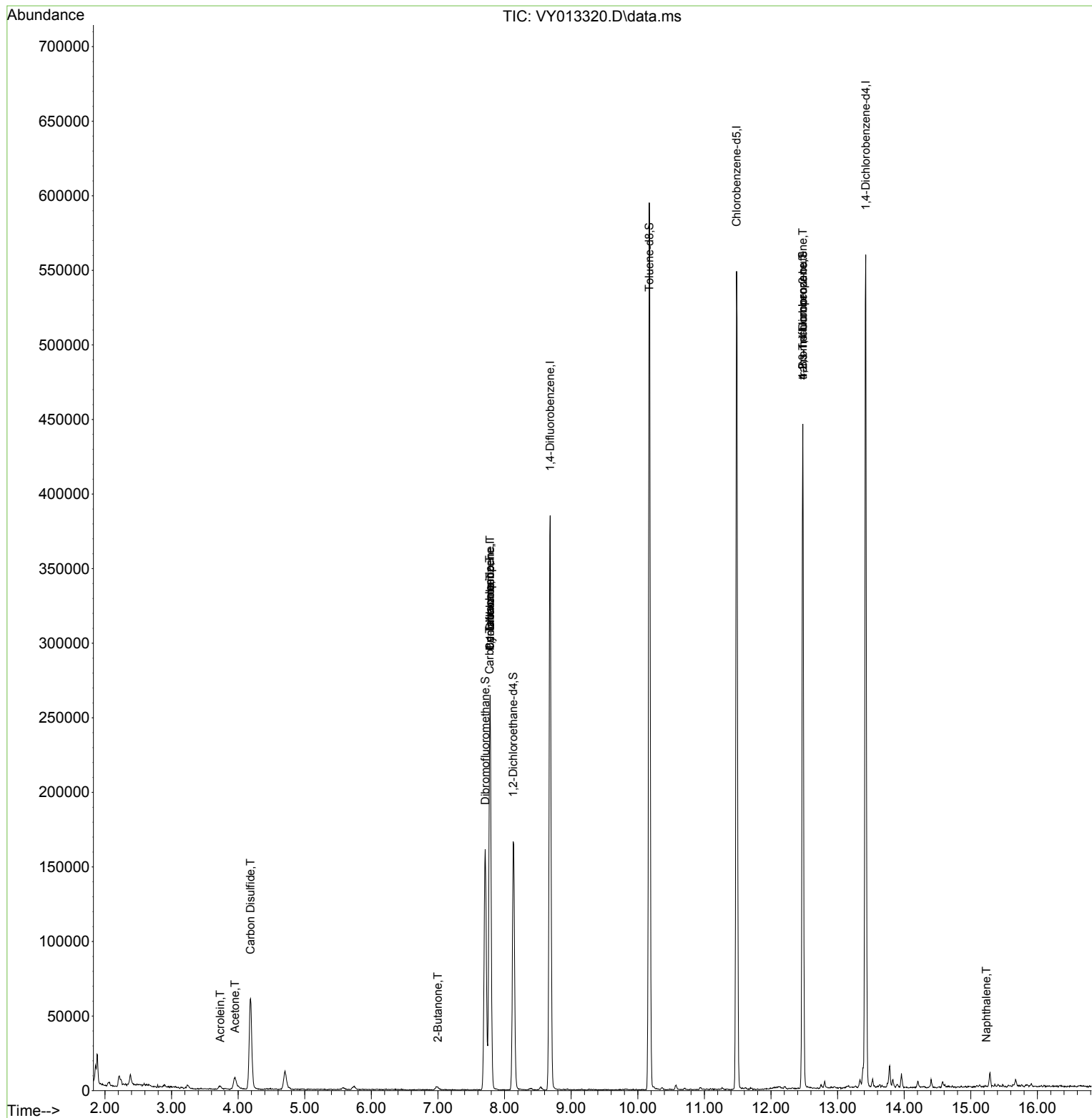
Internal Standards						
1) Pentafluorobenzene	7.783	168	211184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	331218	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	310320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	147554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	137414	54.144	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.280%	
35) Dibromofluoromethane	7.710	113	114740	53.510	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.020%	
50) Toluene-d8	10.173	98	395329	49.531	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.060%	
62) 4-Bromofluorobenzene	12.477	95	130184	50.201	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.400%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	175	Below Cal	#	74
13) Acrolein	3.729	56	2751	8.824	ug/l	90
16) Acetone	3.954	43	17244	19.761	ug/l	90
17) Carbon Disulfide	4.186	76	124943	19.097	ug/l	99
20) Methylene Chloride	4.704	84	8479	Below Cal		85
25) 2-Butanone	6.997	43	2896	2.592	ug/l #	88
31) Cyclohexane	7.783	56	3931	1.024	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	14495	4.462	ug/l #	49
38) Carbon Tetrachloride	7.777	117	20546	5.720	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	66103	35.952	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	66103	74.618	ug/l #	13
95) Naphthalene	15.233	128	630	3.295	ug/l #	69

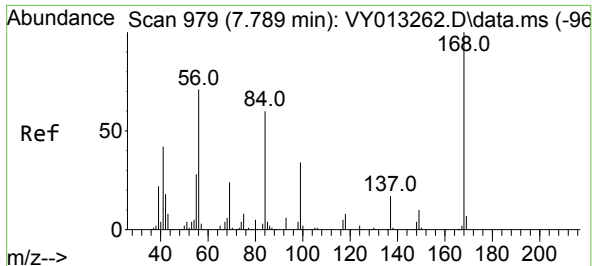
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 13 05:55:16 2023
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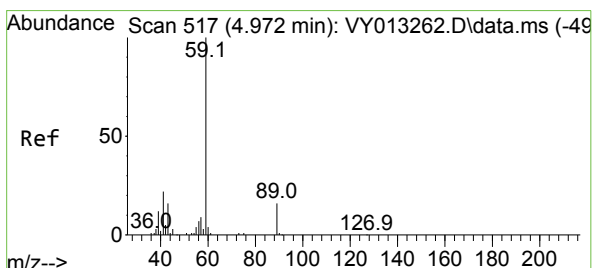
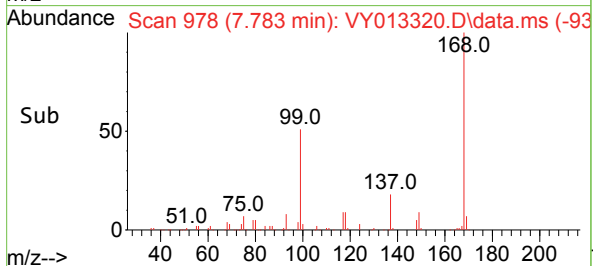
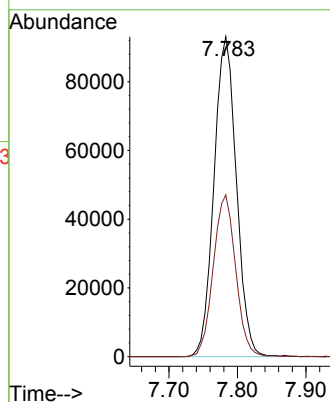
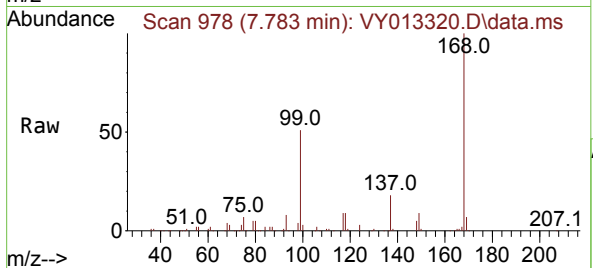




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013320.D
Acq: 14 Apr 2023 15:44

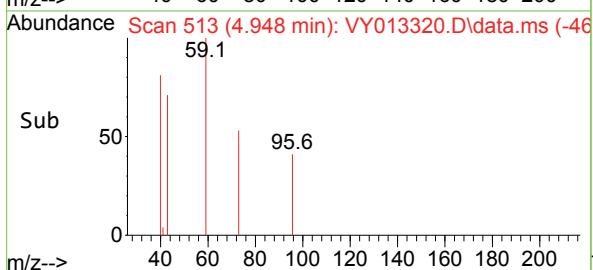
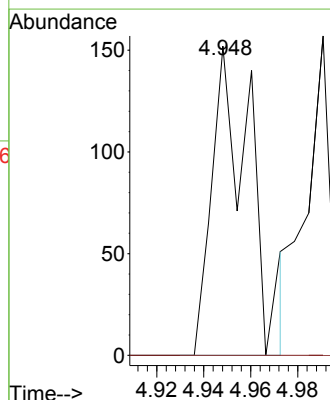
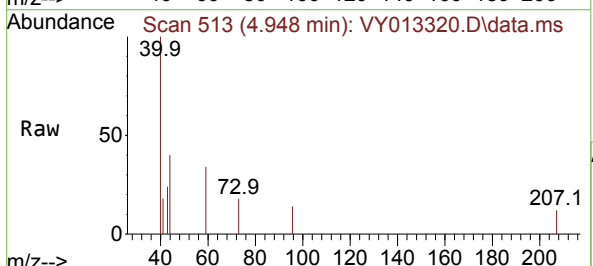
Instrument :
MSVOA_Y
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20230260-17-2

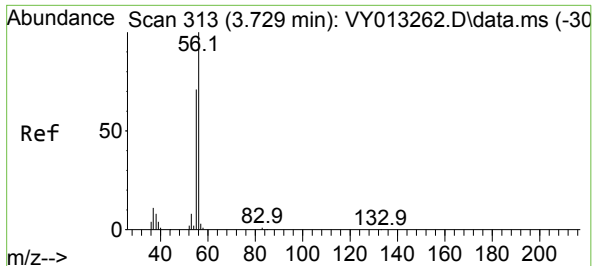
Tgt Ion:168 Resp: 211184
Ion Ratio Lower Upper
168 100
99 50.5 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.024 min
Lab File: VY013320.D
Acq: 14 Apr 2023 15:44

Tgt Ion: 59 Resp: 175
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

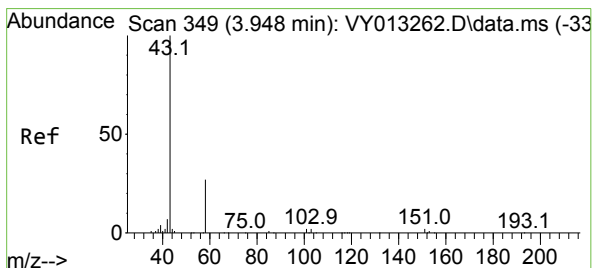
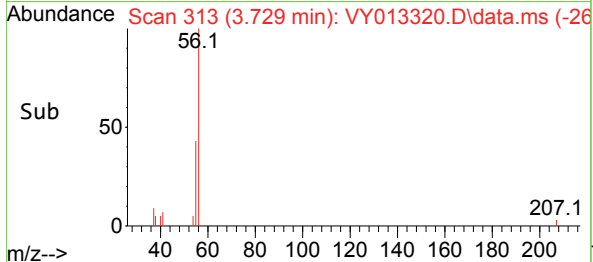
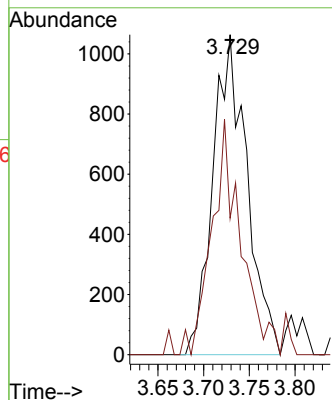
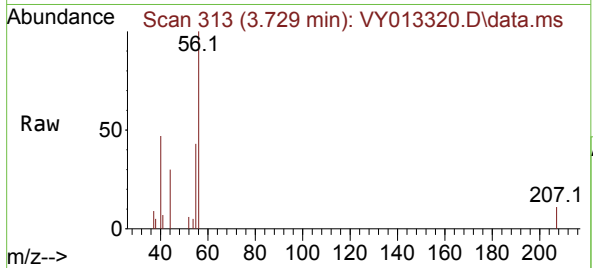




#13
Acrolein
Concen: 8.824 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.000 min
Lab File: VY013320.D
Acq: 14 Apr 2023 15:44

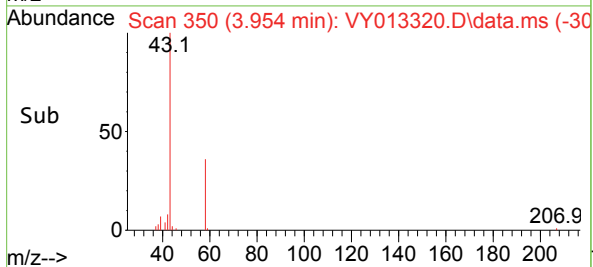
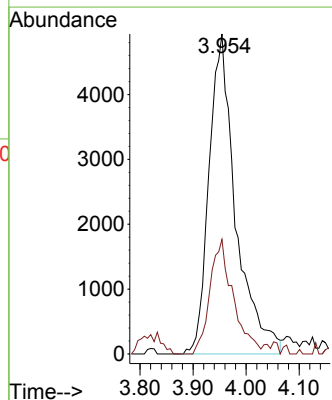
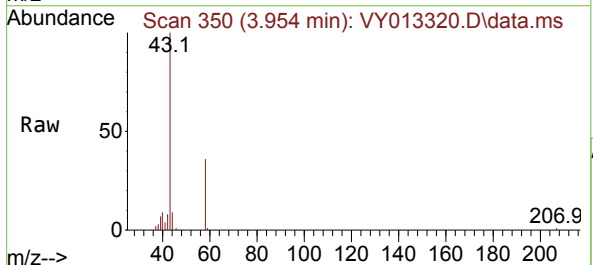
Instrument :
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ClientSampleId :
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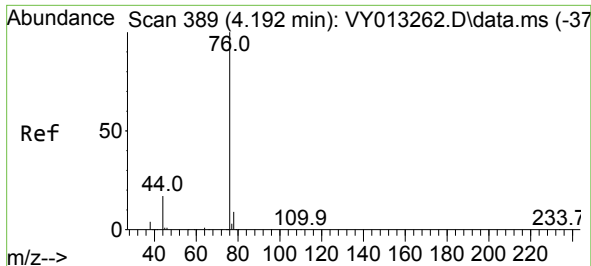
Tgt Ion: 56 Resp: 2751
Ion Ratio Lower Upper
56 100
55 62.7 56.8 85.2



#16
Acetone
Concen: 19.761 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013320.D
Acq: 14 Apr 2023 15:44

Tgt Ion: 43 Resp: 17244
Ion Ratio Lower Upper
43 100
58 35.8 24.2 36.2

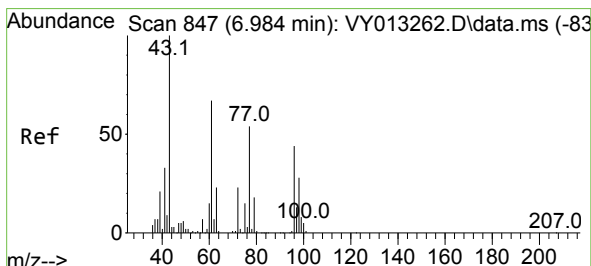
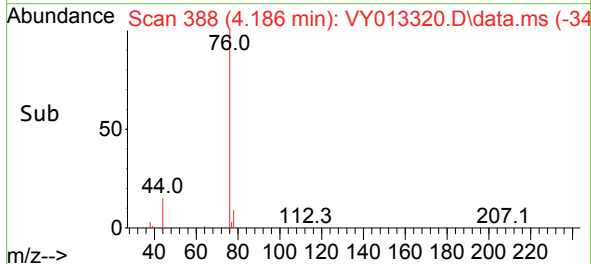
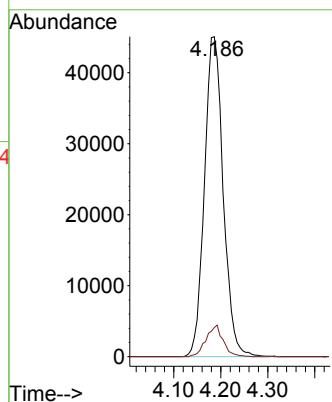
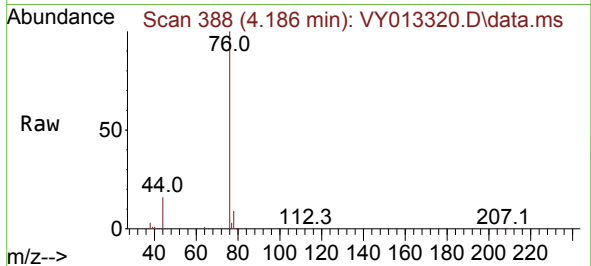




#17
Carbon Disulfide
Concen: 19.097 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY013320.D
Acq: 14 Apr 2023 15:44

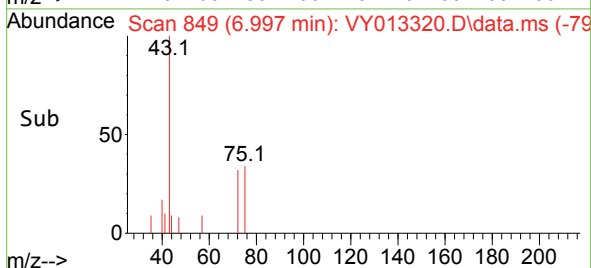
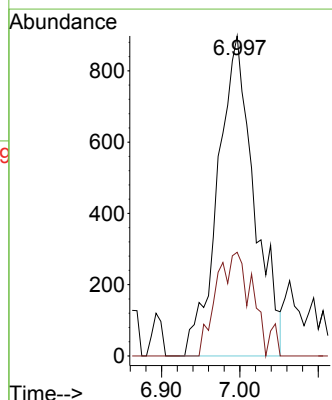
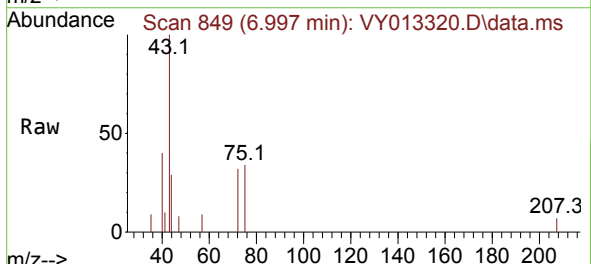
Instrument :
MSVOA_Y
ClientSampleId :
20230260-17-2

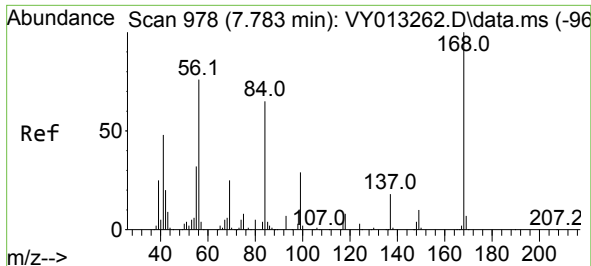
Tgt Ion: 76 Resp: 124943
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#25
2-Butanone
Concen: 2.592 ug/l
RT: 6.997 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY013320.D
Acq: 14 Apr 2023 15:44

Tgt Ion: 43 Resp: 2896
Ion Ratio Lower Upper
43 100
72 32.4 21.0 31.4#

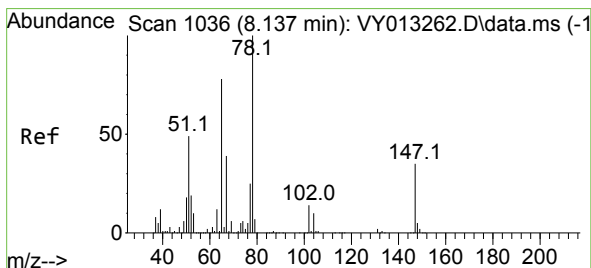
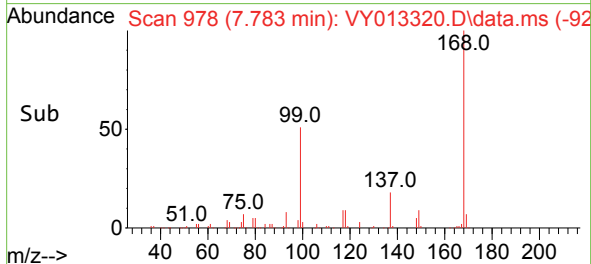
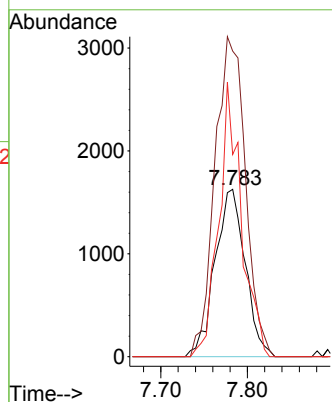
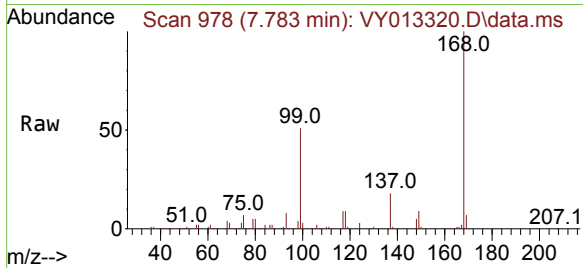




#31
Cyclohexane
Concen: 1.024 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013320.D
Acq: 14 Apr 2023 15:44

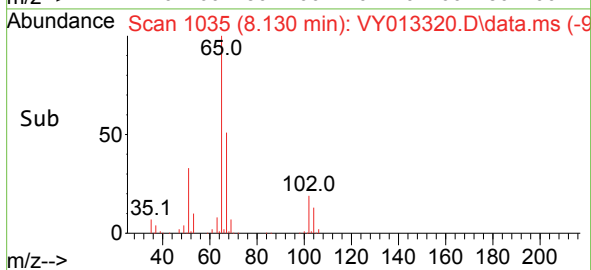
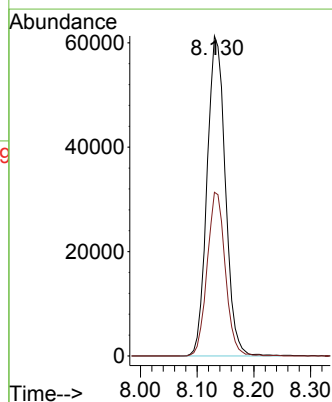
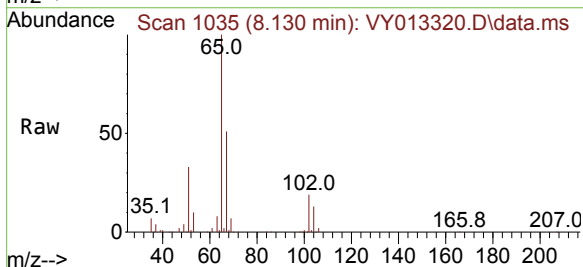
Instrument :
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ClientSampleId :
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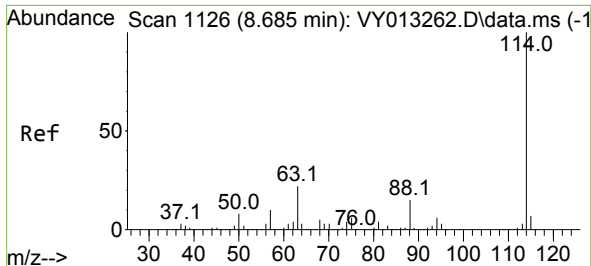
Tgt Ion: 56 Resp: 3931
Ion Ratio Lower Upper
56 100
69 182.6 25.7 38.5#
84 120.8 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 54.144 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY013320.D
Acq: 14 Apr 2023 15:44

Tgt Ion: 65 Resp: 137414
Ion Ratio Lower Upper
65 100
67 50.7 0.0 104.0

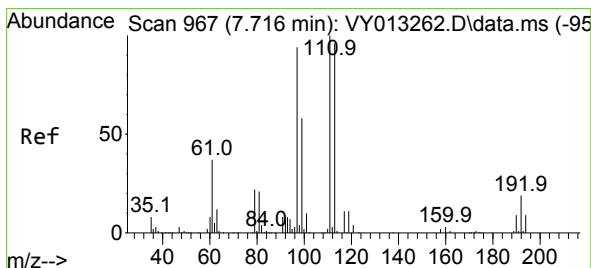
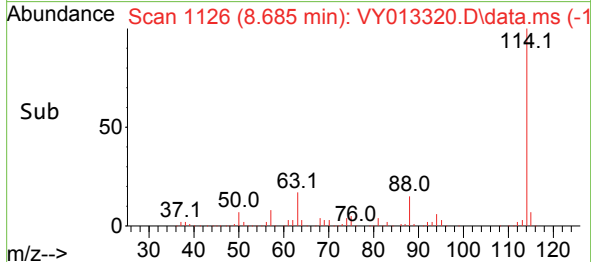
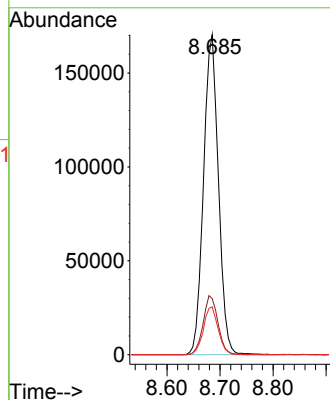
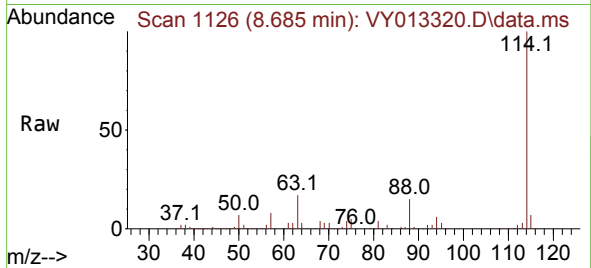




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY013320.D
Acq: 14 Apr 2023 15:44

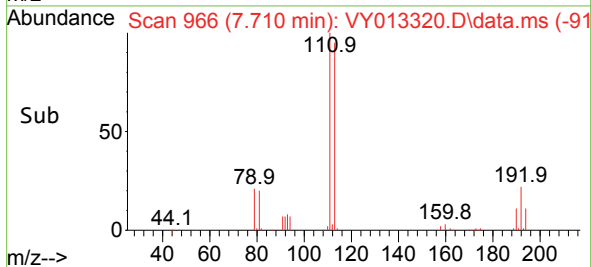
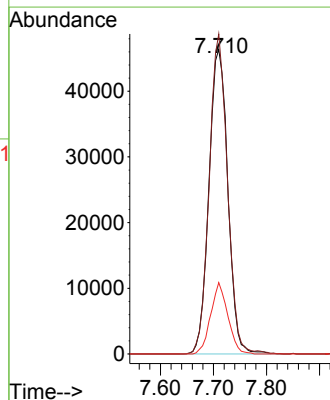
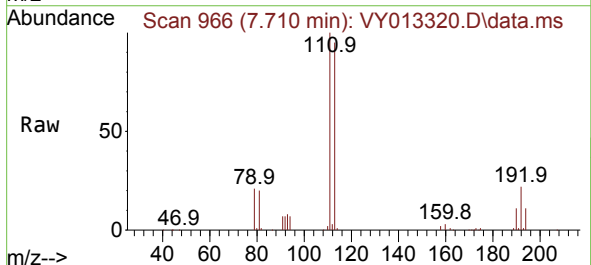
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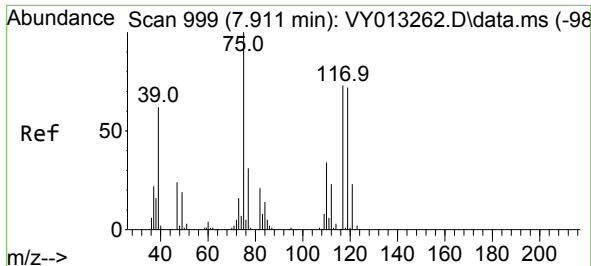
Tgt Ion:114 Resp: 331218
Ion Ratio Lower Upper
114 100
63 17.5 0.0 37.4
88 14.9 0.0 28.6



#35
Dibromofluoromethane
Concen: 53.510 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY013320.D
Acq: 14 Apr 2023 15:44

Tgt Ion:113 Resp: 114740
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.2
192 21.3 16.8 25.2

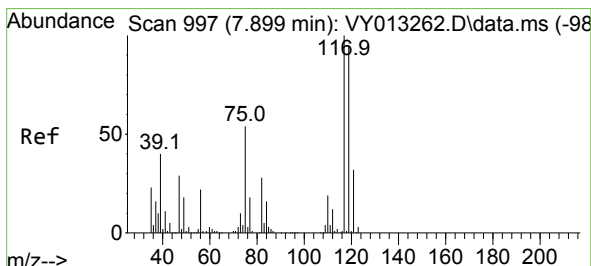
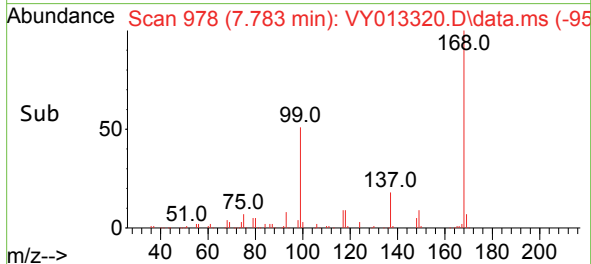
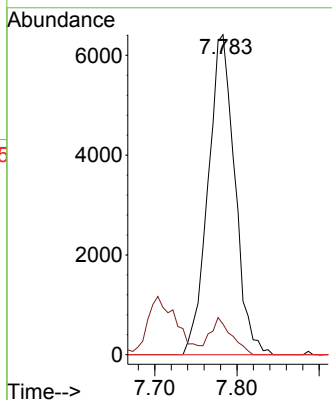
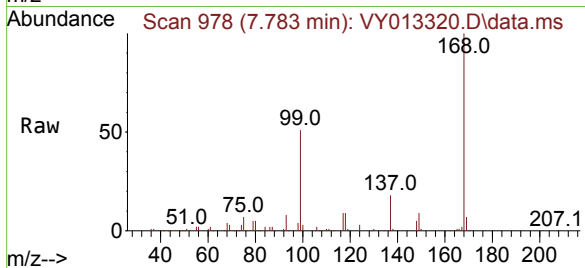




#36
 1,1-Dichloropropene
 Concen: 4.462 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY013320.D
 Acq: 14 Apr 2023 15:44

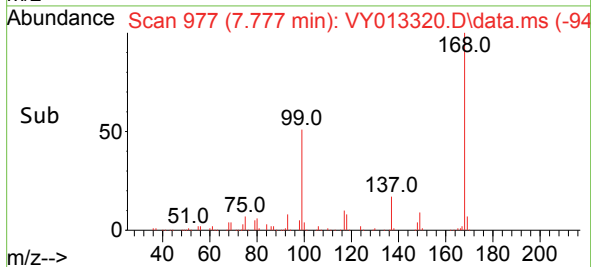
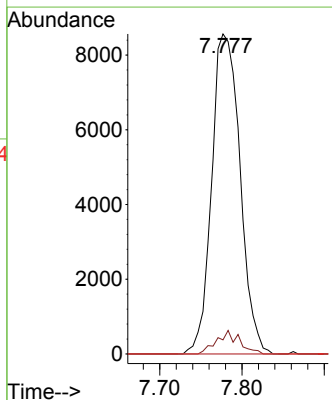
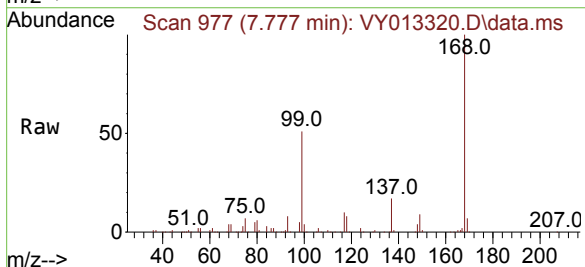
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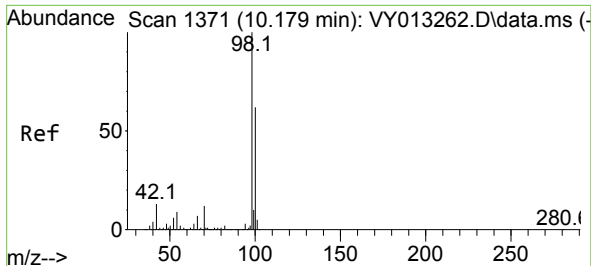
Tgt Ion: 75 Resp: 14495
 Ion Ratio Lower Upper
 75 100
 110 9.0 17.8 53.3#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.720 ug/l
 RT: 7.777 min Scan# 977
 Delta R.T. -0.122 min
 Lab File: VY013320.D
 Acq: 14 Apr 2023 15:44

Tgt Ion: 117 Resp: 20546
 Ion Ratio Lower Upper
 117 100
 119 4.4 77.2 115.8#
 121 0.0 24.7 37.1#

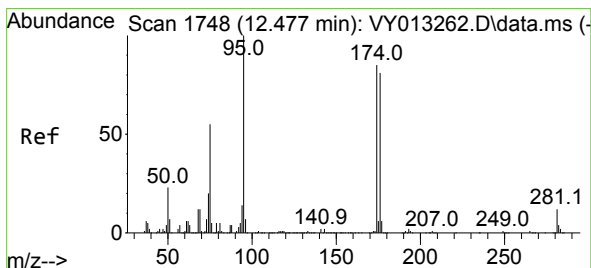
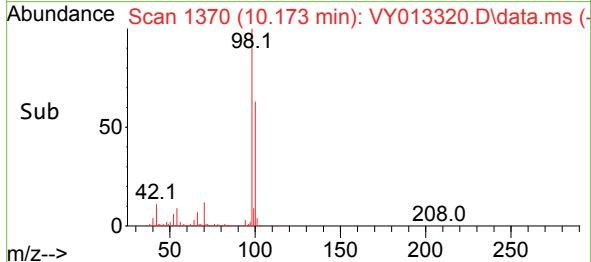
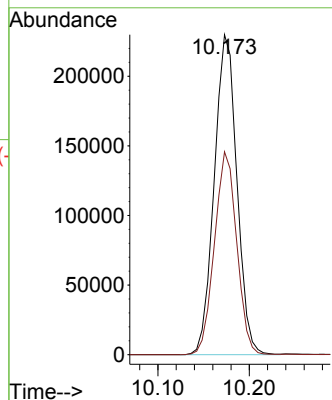
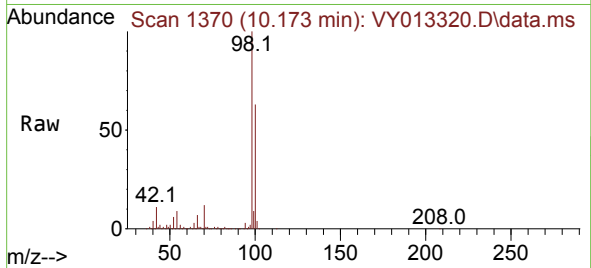




#50
Toluene-d8
Concen: 49.531 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013320.D
Acq: 14 Apr 2023 15:44

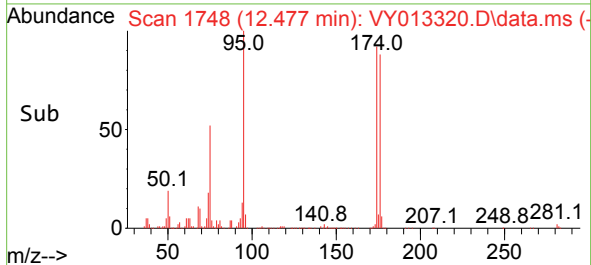
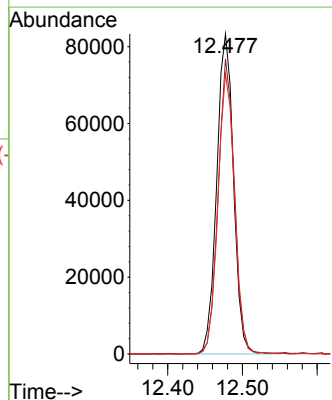
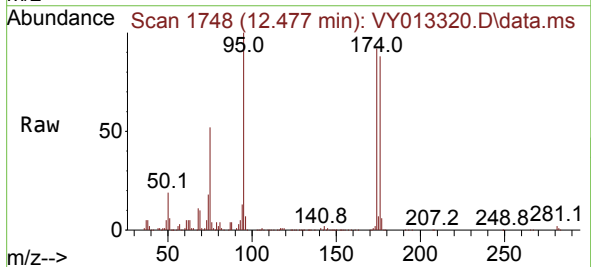
Instrument :
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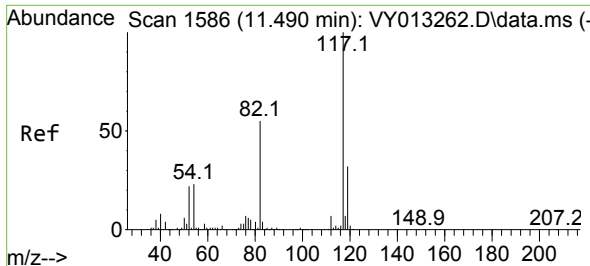
Tgt Ion: 98 Resp: 395329
Ion Ratio Lower Upper
98 100
100 62.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 50.201 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013320.D
Acq: 14 Apr 2023 15:44

Tgt Ion: 95 Resp: 130184
Ion Ratio Lower Upper
95 100
174 89.7 0.0 176.6
176 87.0 0.0 170.2

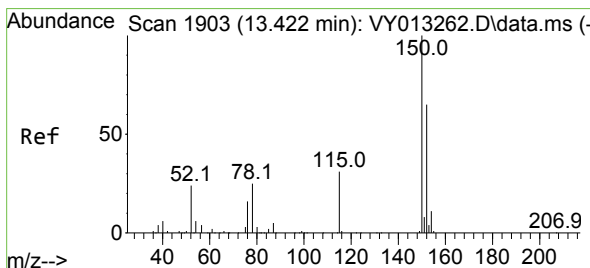
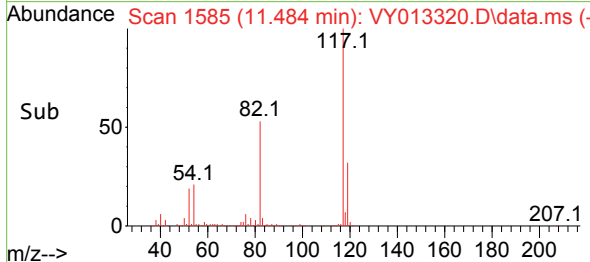
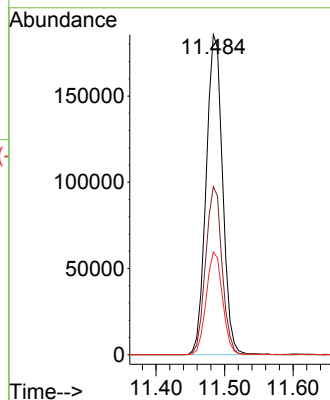
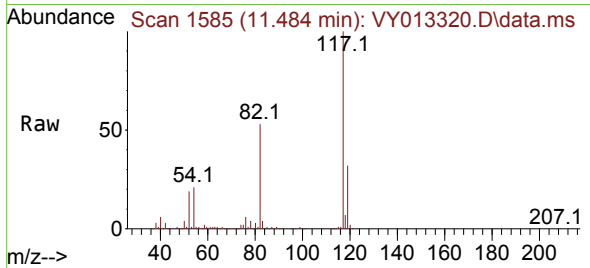




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.484 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY013320.D
Acq: 14 Apr 2023 15:44

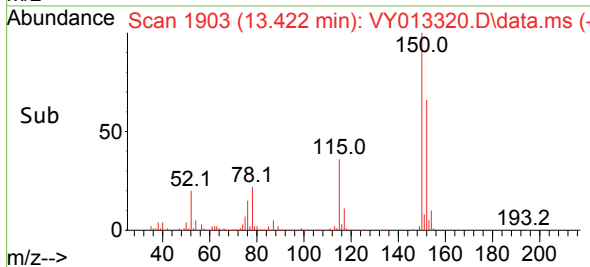
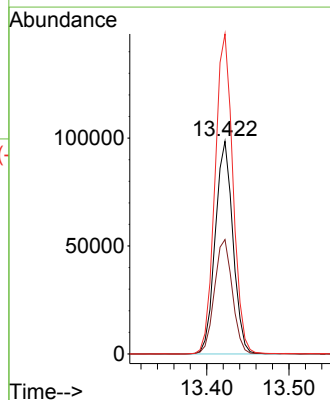
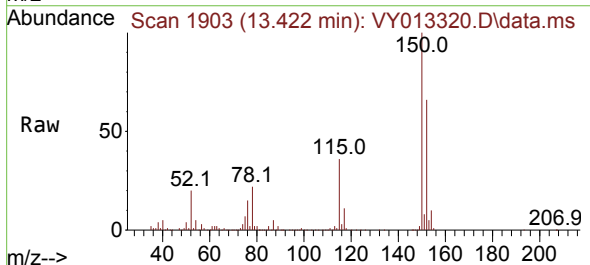
Instrument :
MSVOA_Y
ClientSampleId :
20230260-17-2

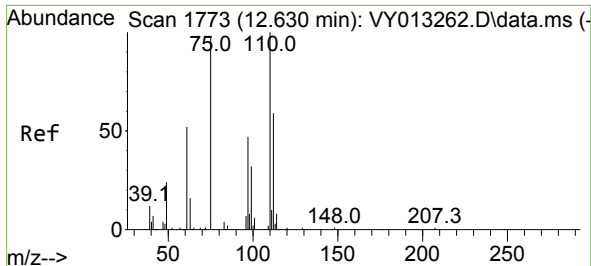
Tgt Ion:117 Resp: 310320
Ion Ratio Lower Upper
117 100
82 52.5 45.4 68.0
119 32.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013320.D
Acq: 14 Apr 2023 15:44

Tgt Ion:152 Resp: 147554
Ion Ratio Lower Upper
152 100
115 54.5 27.1 81.3
150 152.5 0.0 347.8

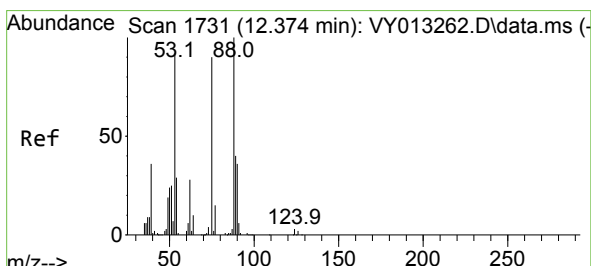
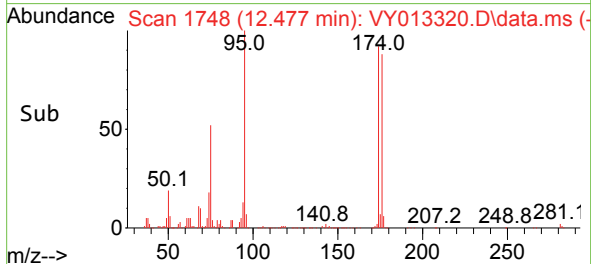
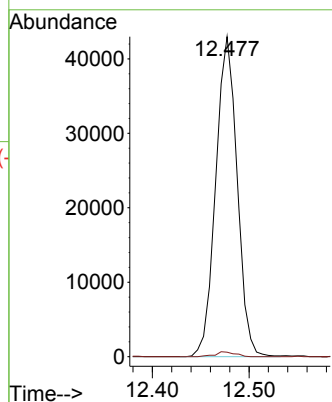
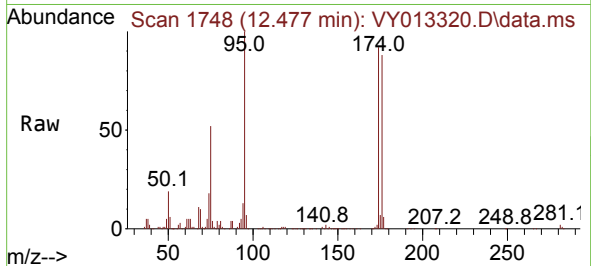




#76
1,2,3-Trichloropropane
Concen: 35.952 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY013320.D
Acq: 14 Apr 2023 15:44

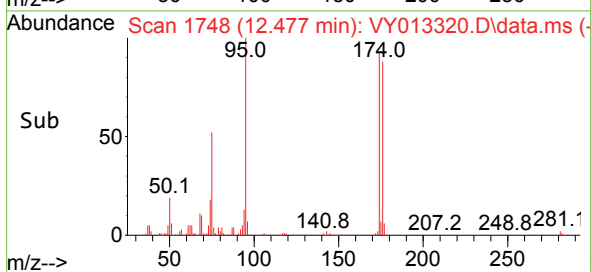
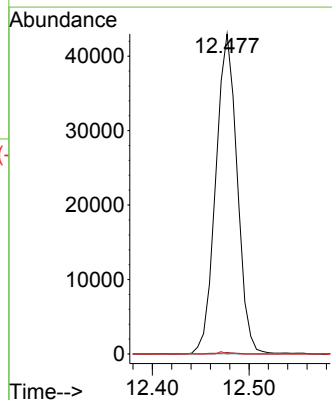
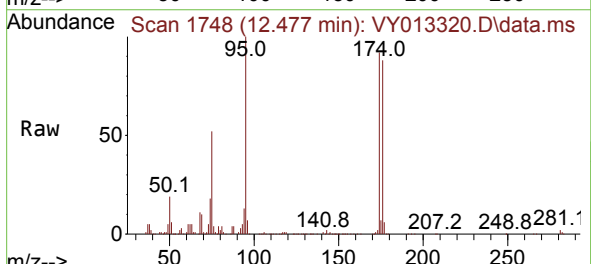
Instrument :
MSVOA_Y
ClientSampleId :
20230260-17-2

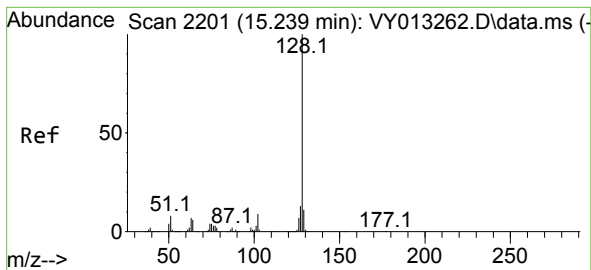
Tgt Ion: 75 Resp: 66103
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.618 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY013320.D
Acq: 14 Apr 2023 15:44

Tgt Ion: 75 Resp: 66103
Ion Ratio Lower Upper
75 100
53 0.4 73.4 110.0#
89 0.2 36.6 55.0#





#95

Naphthalene

Concen: 3.295 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY013320.D

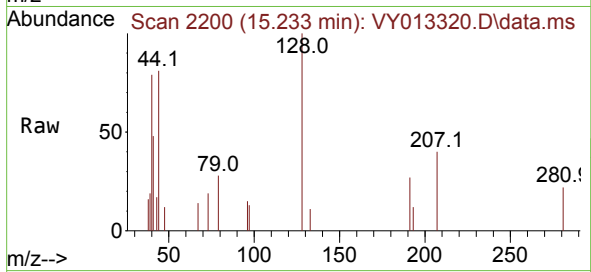
Acq: 14 Apr 2023 15:44

Instrument :

MSVOA_Y

ClientSampleId :

20230260-17-2



Tgt Ion:128 Resp: 630

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.6 13.0#

