

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041423\
 Data File : VY013324.D
 Acq On : 14 Apr 2023 17:18
 Operator : KP/MD
 Sample : 02357-01
 Misc : 4.41g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P2-S1-230413

Quant Time: Apr 17 02:14:46 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)

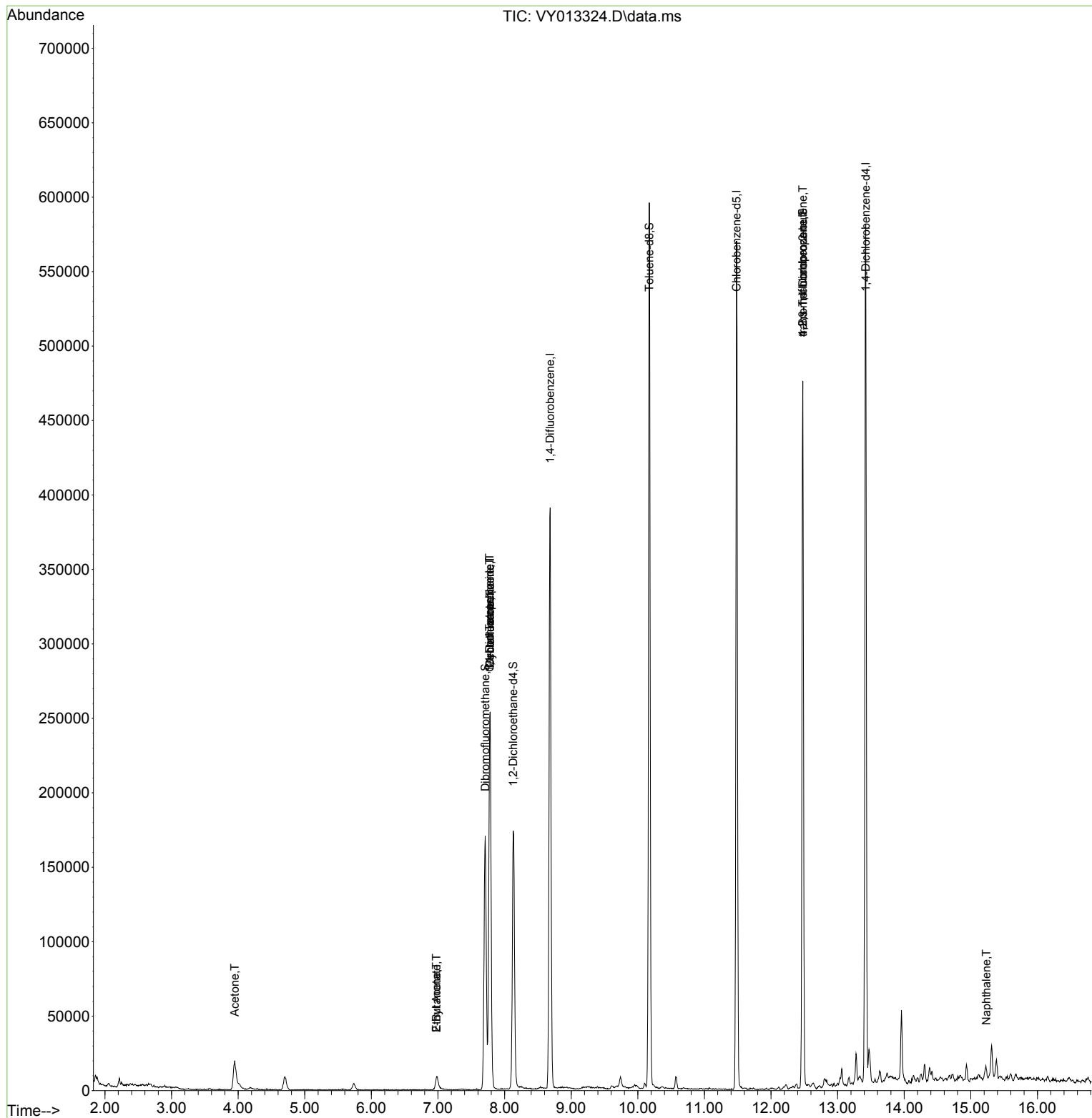
Internal Standards						
1) Pentafluorobenzene	7.783	168	199383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	327277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	309146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	154674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	137047	57.195	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.400%
35) Dibromofluoromethane	7.710	113	119164	56.242	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.480%
50) Toluene-d8	10.172	98	389113	49.340	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.680%
62) 4-Bromofluorobenzene	12.477	95	132565	51.735	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.460%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	18	Below Cal	#	74
16) Acetone	3.948	43	43799	53.163	ug/l	99
20) Methylene Chloride	4.710	84	7245	Below Cal	#	73
25) 2-Butanone	6.978	43	15982	15.151	ug/l	97
31) Cyclohexane	7.783	56	4542	1.254	ug/l #	13
36) 1,1-Dichloropropene	7.777	75	14458	4.504	ug/l #	49
37) Ethyl Acetate	6.978	43	15982	6.177	ug/l #	70
38) Carbon Tetrachloride	7.777	117	20289	5.716	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	69003	35.802	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	69003	74.307	ug/l #	13
95) Naphthalene	15.233	128	5749	3.998	ug/l #	94

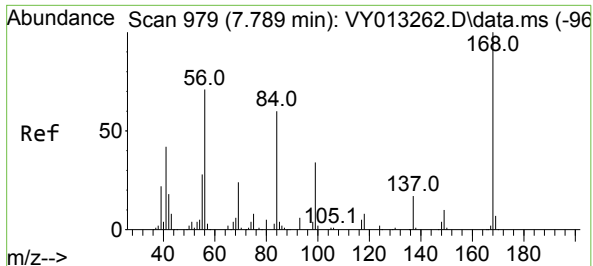
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041423\
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Quant Time: Apr 17 02:14:46 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

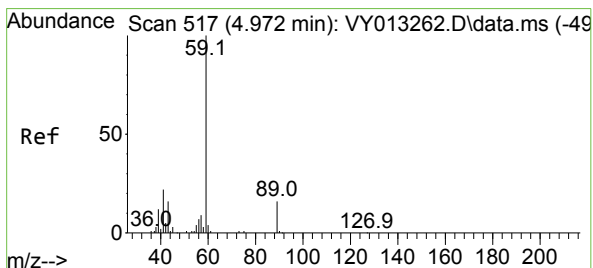
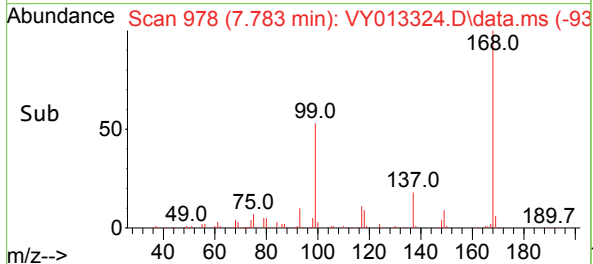
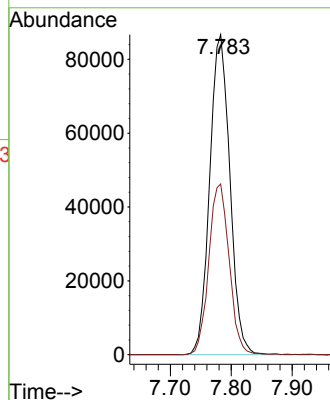
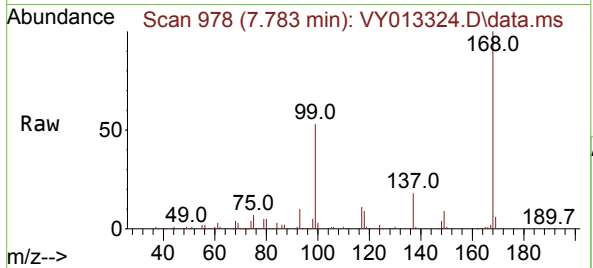




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013324.D
Acq: 14 Apr 2023 17:18

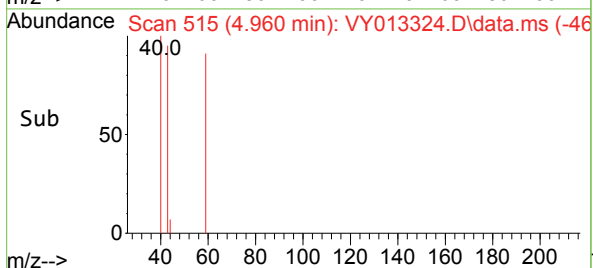
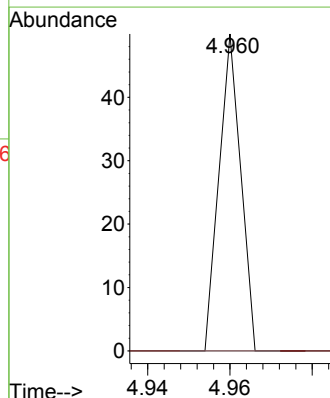
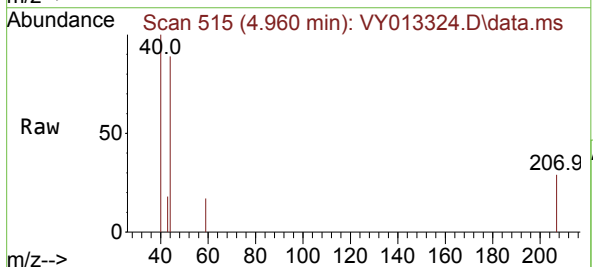
Instrument :
MSVOA_Y
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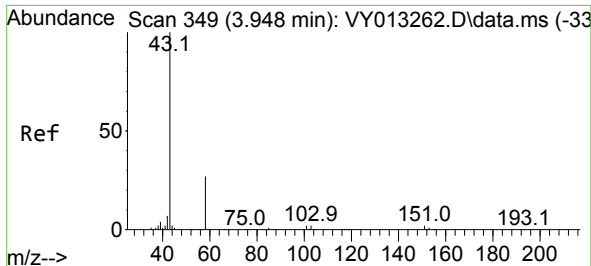
Tgt Ion:168 Resp: 199383
Ion Ratio Lower Upper
168 100
99 53.3 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY013324.D
Acq: 14 Apr 2023 17:18

Tgt Ion: 59 Resp: 18
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

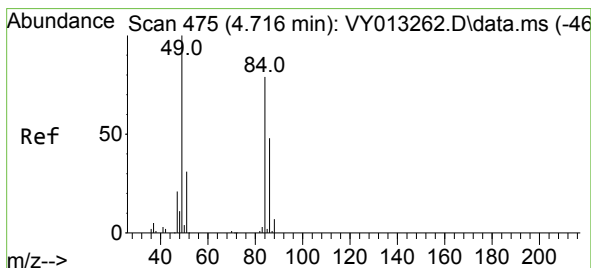
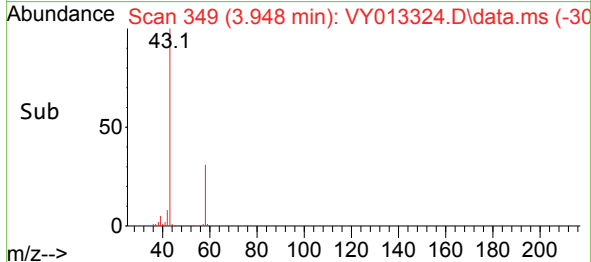
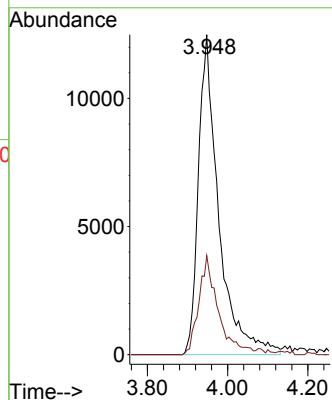
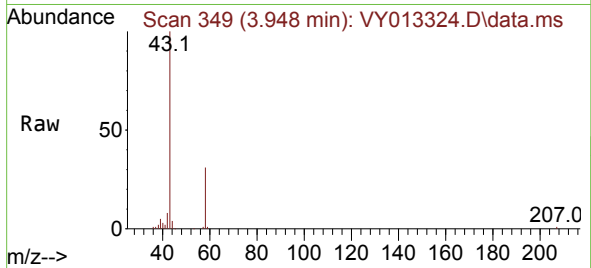




#16
Acetone
Concen: 53.163 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY013324.D
Acq: 14 Apr 2023 17:18

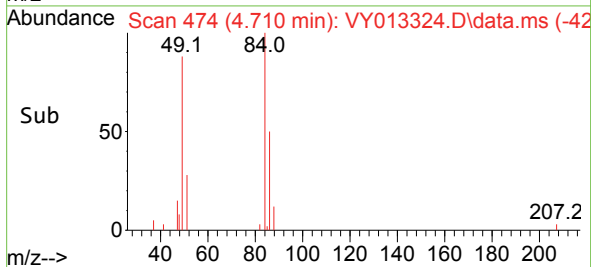
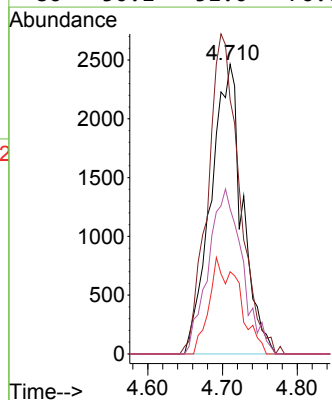
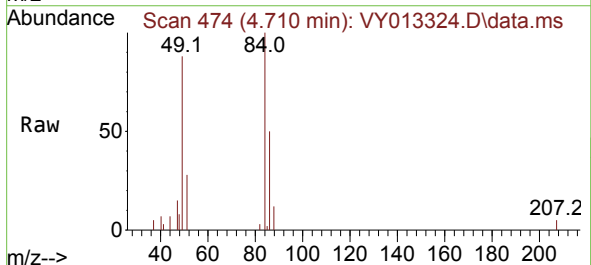
Instrument :
MSVOA_Y
ClientSampleId :
P2-S1-230413

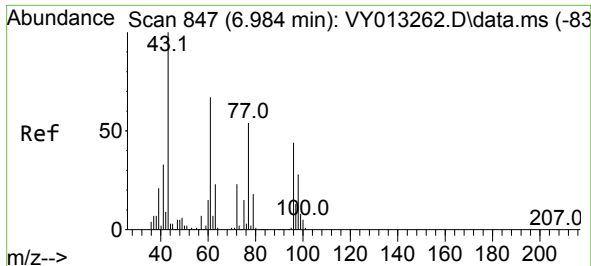
Tgt Ion: 43 Resp: 43799
Ion Ratio Lower Upper
43 100
58 31.0 24.2 36.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013324.D
Acq: 14 Apr 2023 17:18

Tgt Ion: 84 Resp: 7245
Ion Ratio Lower Upper
84 100
49 87.7 102.6 154.0#
51 28.4 31.9 47.9#
86 50.1 51.0 76.6#

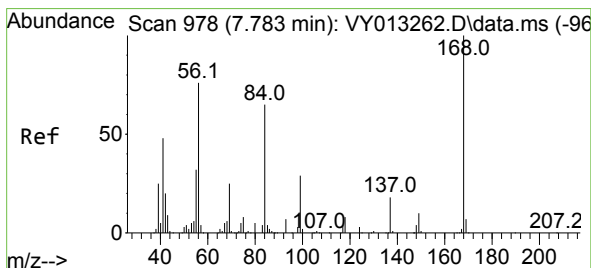
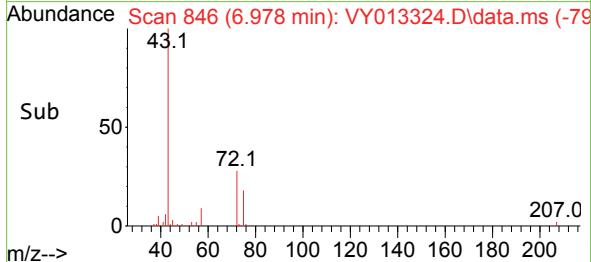
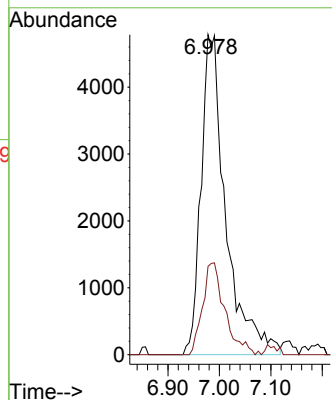
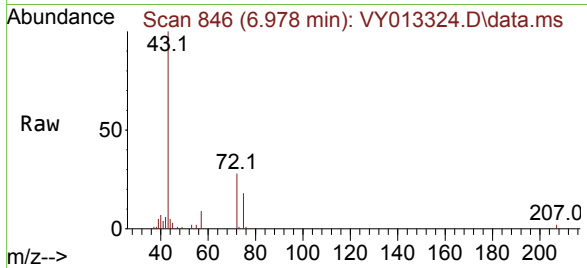




#25
2-Butanone
Concen: 15.151 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY013324.D
Acq: 14 Apr 2023 17:18

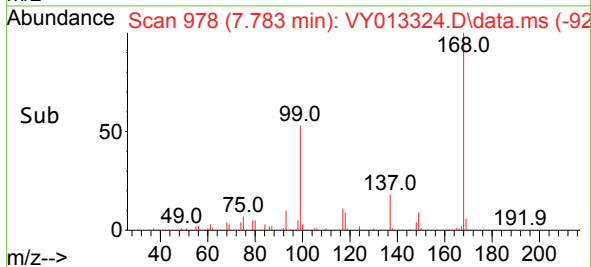
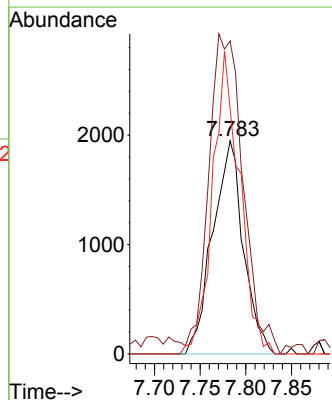
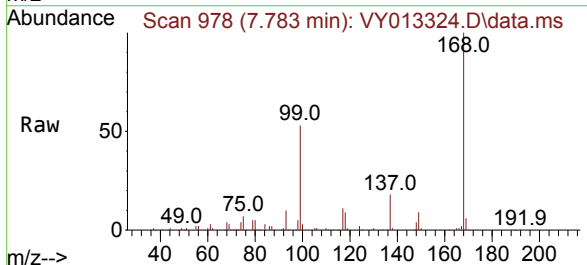
Instrument :
MSVOA_Y
ClientSampleId :
P2-S1-230413

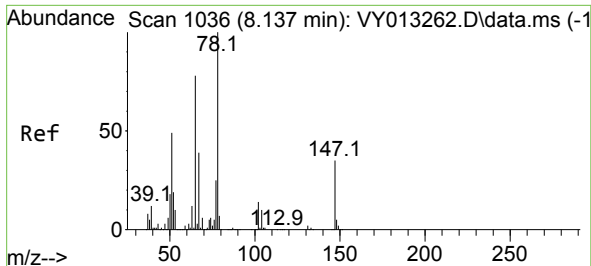
Tgt Ion: 43 Resp: 15982
Ion Ratio Lower Upper
43 100
72 27.6 21.0 31.4



#31
Cyclohexane
Concen: 1.254 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY013324.D
Acq: 14 Apr 2023 17:18

Tgt Ion: 56 Resp: 4542
Ion Ratio Lower Upper
56 100
69 146.8 25.7 38.5#
84 115.3 64.3 96.5#

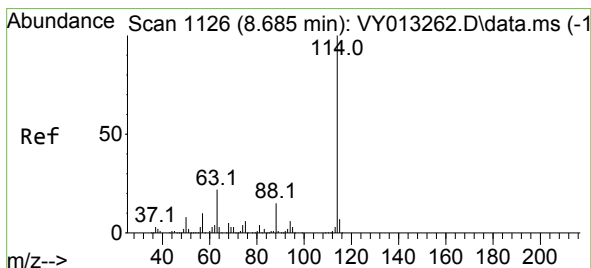
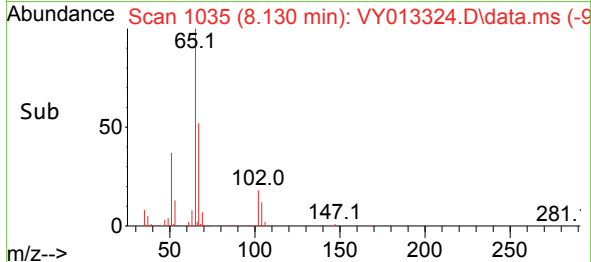
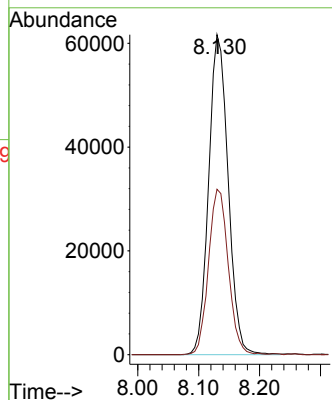
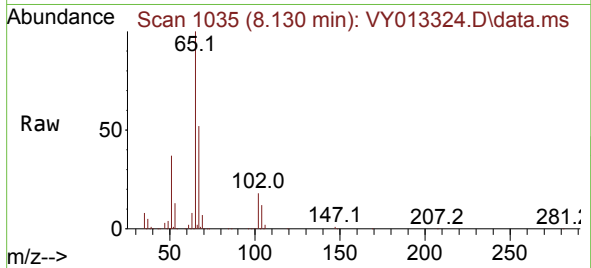




#33
 1,2-Dichloroethane-d4
 Concen: 57.195 ug/l
 RT: 8.130 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY013324.D
 Acq: 14 Apr 2023 17:18

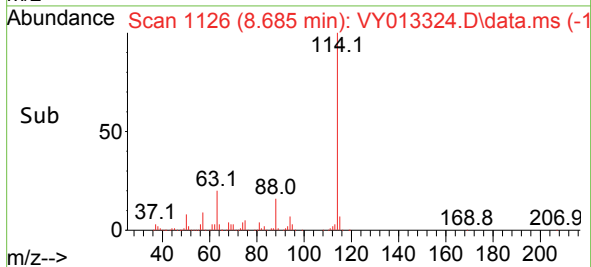
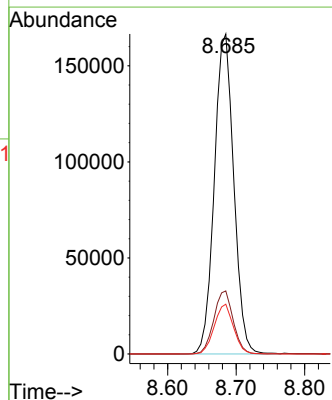
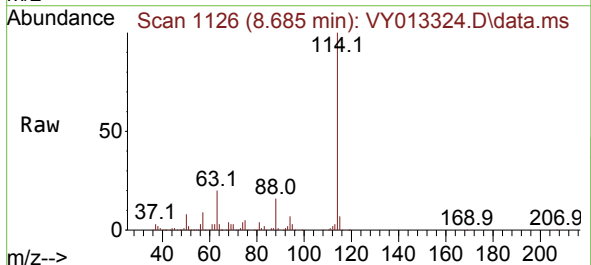
Instrument :
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 ClientSampleId :
 P2-S1-230413

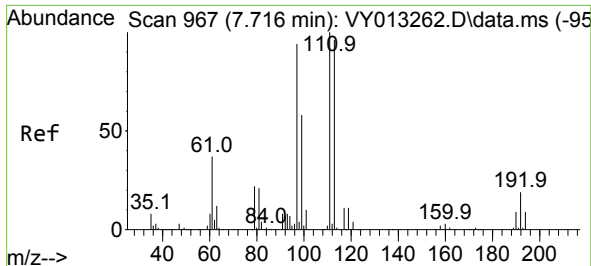
Tgt Ion: 65 Resp: 137047
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY013324.D
 Acq: 14 Apr 2023 17:18

Tgt Ion: 114 Resp: 327277
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 37.4
 88 15.6 0.0 28.6

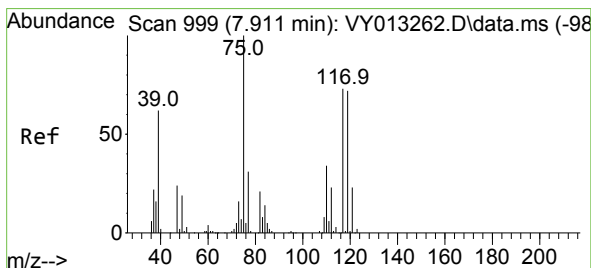
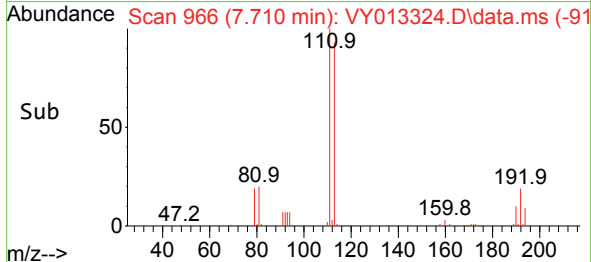
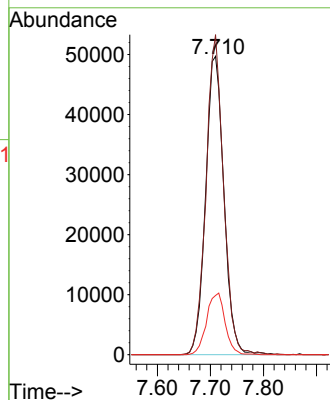
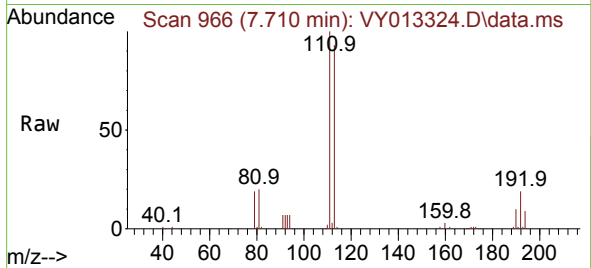




#35
 Dibromofluoromethane
 Concen: 56.242 ug/l
 RT: 7.710 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VY013324.D
 Acq: 14 Apr 2023 17:18

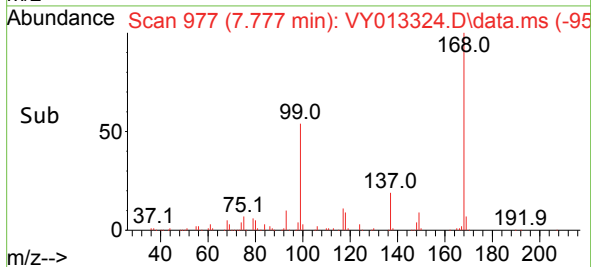
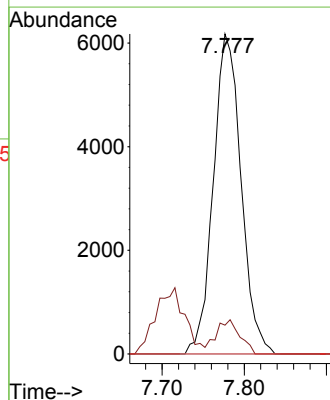
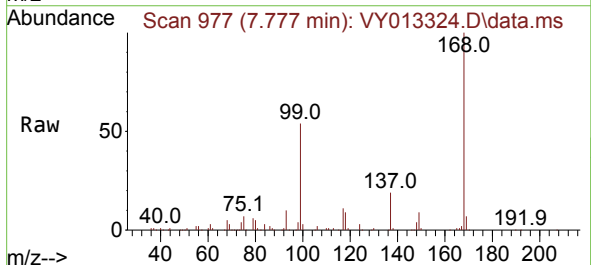
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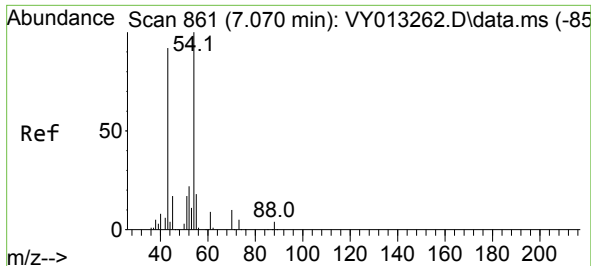
Tgt Ion:113 Resp: 119164
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.2 123.2
 192 20.9 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 4.504 ug/l
 RT: 7.777 min Scan# 977
 Delta R.T. -0.134 min
 Lab File: VY013324.D
 Acq: 14 Apr 2023 17:18

Tgt Ion: 75 Resp: 14458
 Ion Ratio Lower Upper
 75 100
 110 9.1 17.8 53.3#
 77 0.0 25.0 37.4#

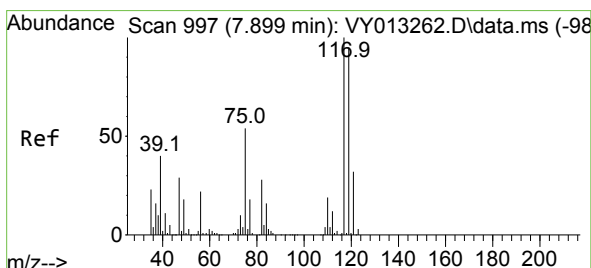
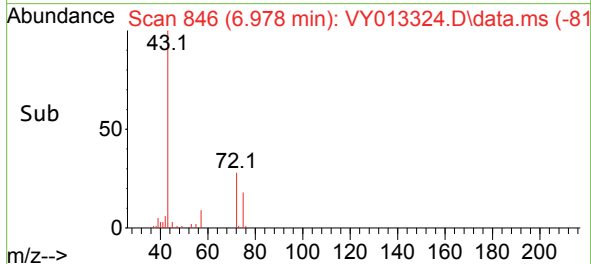
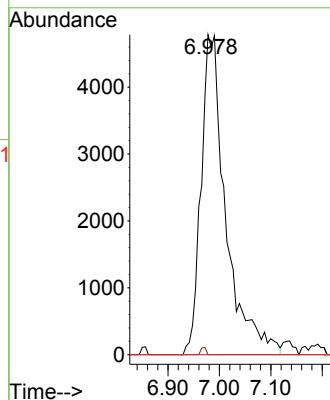
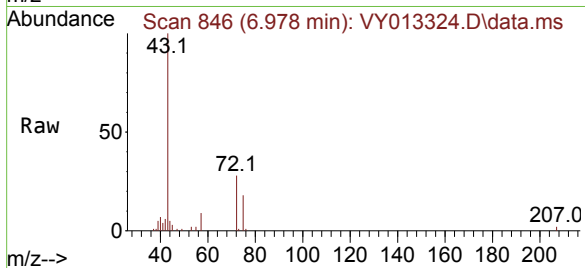




#37
Ethyl Acetate
Concen: 6.177 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.092 min
Lab File: VY013324.D
Acq: 14 Apr 2023 17:18

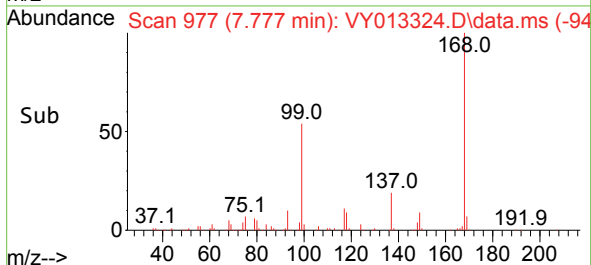
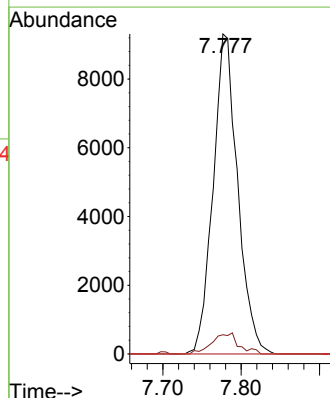
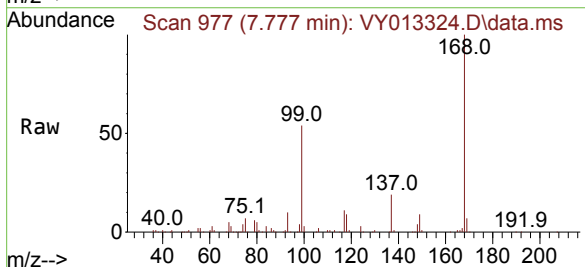
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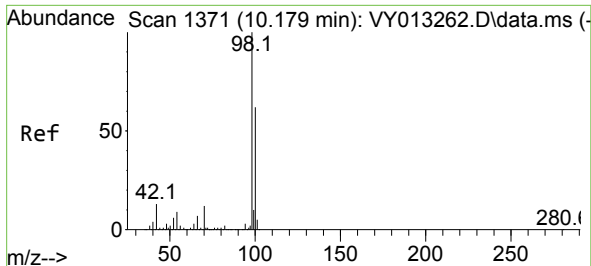
Tgt Ion: 43 Resp: 15982
Ion Ratio Lower Upper
43 100
61 0.5 10.7 16.1#
70 0.0 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 5.716 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.122 min
Lab File: VY013324.D
Acq: 14 Apr 2023 17:18

Tgt Ion: 117 Resp: 20289
Ion Ratio Lower Upper
117 100
119 6.0 77.2 115.8#
121 0.0 24.7 37.1#

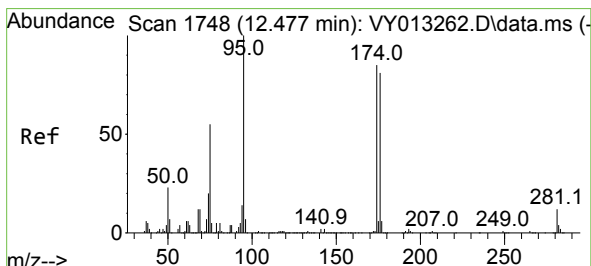
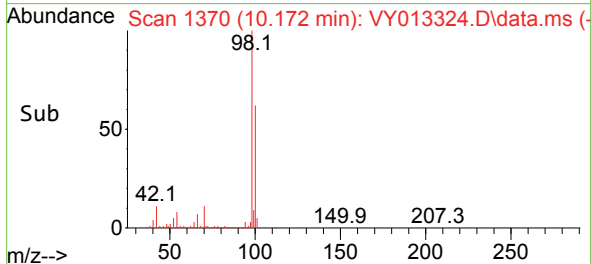
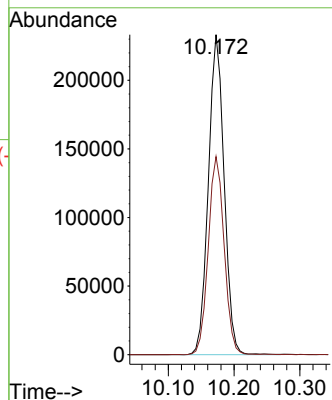
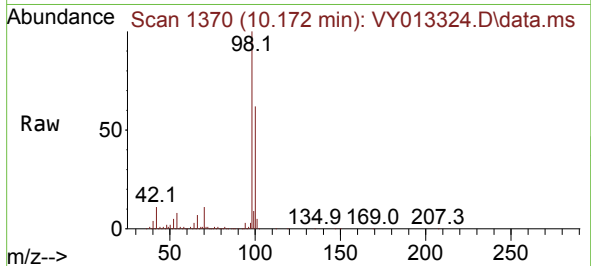




#50
Toluene-d8
Concen: 49.340 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013324.D
Acq: 14 Apr 2023 17:18

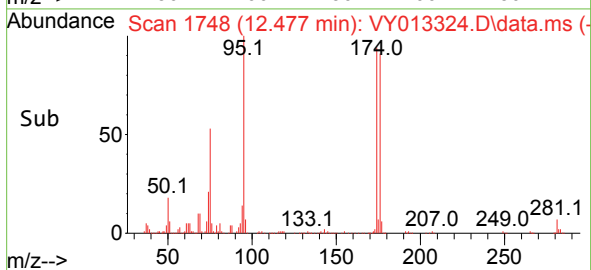
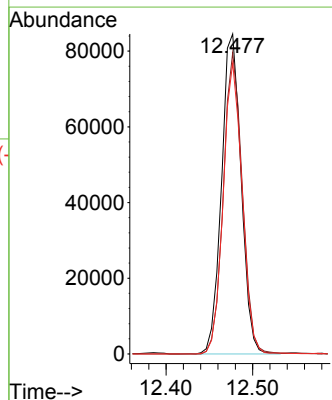
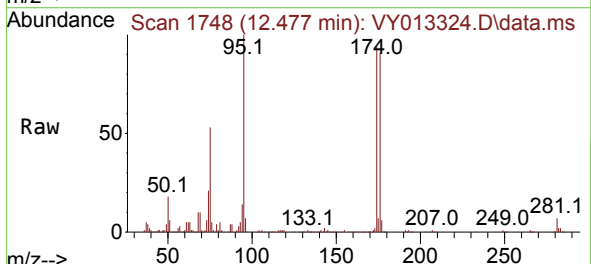
Instrument :
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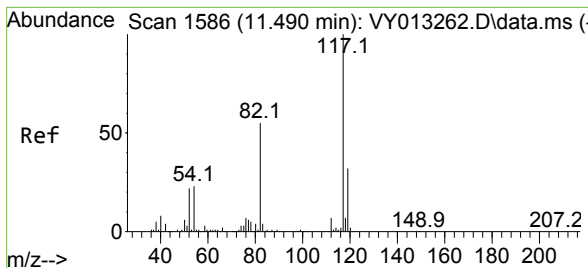
Tgt Ion: 98 Resp: 389113
Ion Ratio Lower Upper
98 100
100 62.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 51.735 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013324.D
Acq: 14 Apr 2023 17:18

Tgt Ion: 95 Resp: 132565
Ion Ratio Lower Upper
95 100
174 91.5 0.0 176.6
176 88.4 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013324.D

Acq: 14 Apr 2023 17:18

Instrument :

MSVOA_Y

ClientSampleId :

P2-S1-230413

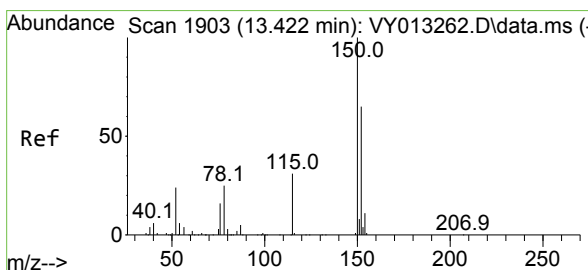
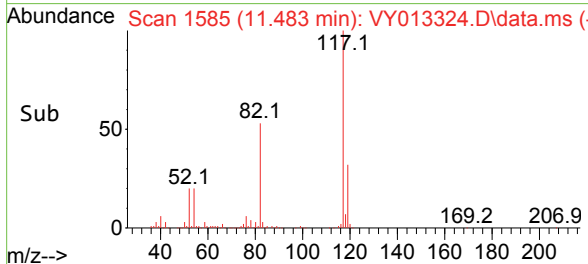
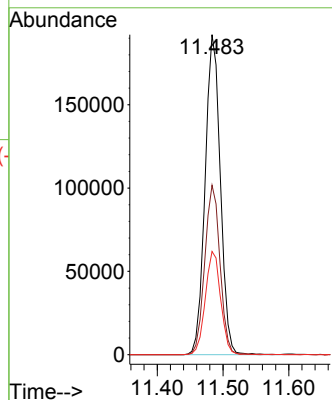
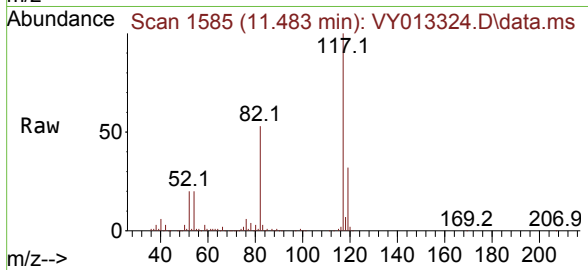
Tgt Ion:117 Resp: 309146

Ion Ratio Lower Upper

117 100

82 52.9 45.4 68.0

119 32.3 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: VY013324.D

Acq: 14 Apr 2023 17:18

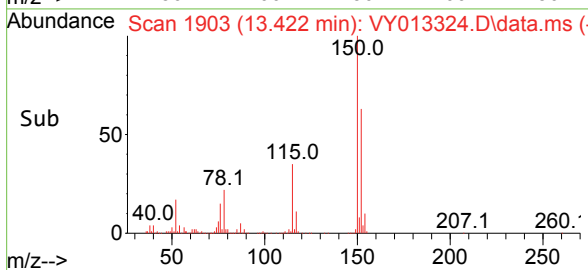
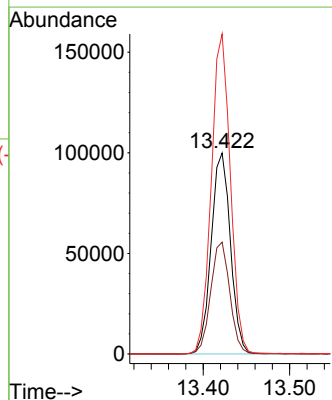
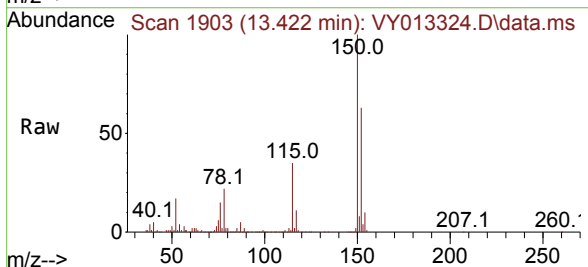
Tgt Ion:152 Resp: 154674

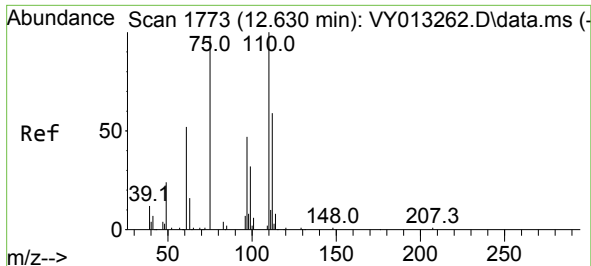
Ion Ratio Lower Upper

152 100

115 55.3 27.1 81.3

150 157.3 0.0 347.8

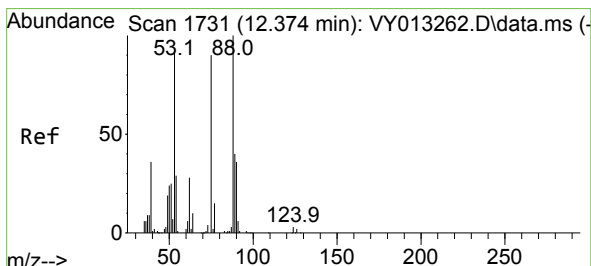
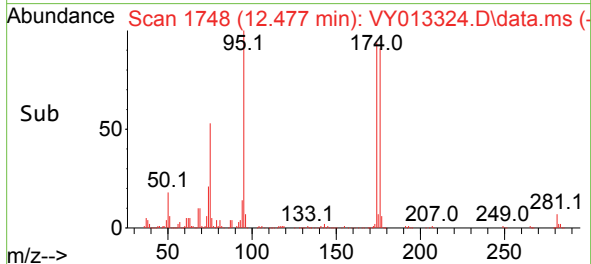
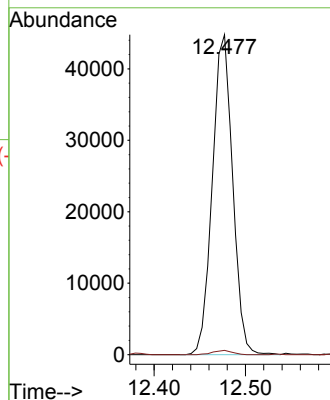
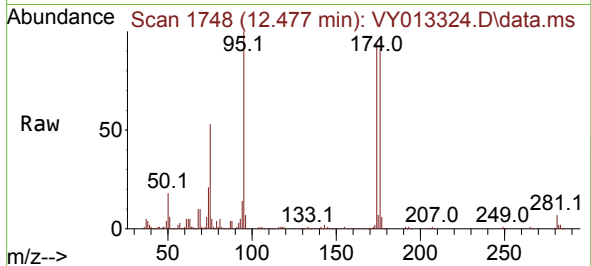




#76
1,2,3-Trichloropropane
Concen: 35.802 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY013324.D
Acq: 14 Apr 2023 17:18

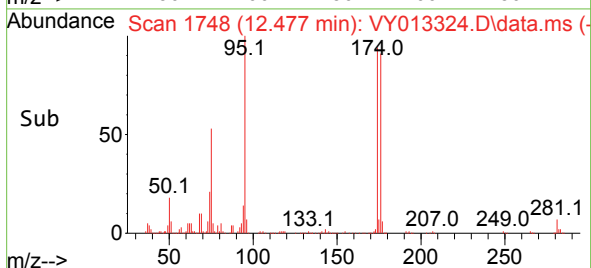
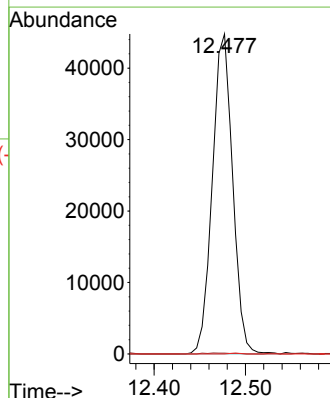
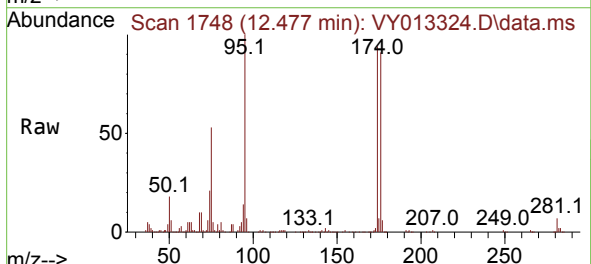
Instrument :
MSVOA_Y
ClientSampleId :
P2-S1-230413

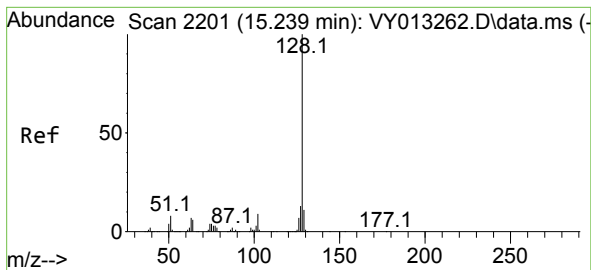
Tgt Ion: 75 Resp: 69003
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.307 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY013324.D
Acq: 14 Apr 2023 17:18

Tgt Ion: 75 Resp: 69003
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.1 36.6 55.0#





#95
Naphthalene
Concen: 3.998 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY013324.D
Acq: 14 Apr 2023 17:18

Instrument :
MSVOA_Y
ClientSampleId :
P2-S1-230413

Tgt Ion	Ratio	Lower	Upper
128	100		
127	17.0	10.3	15.5#
129	11.5	8.6	13.0

