

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041423\
 Data File : VY013325.D
 Acq On : 14 Apr 2023 17:41
 Operator : KP/MD
 Sample : 02357-02
 Misc : 4.58g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P2-S2-230413

Quant Time: Apr 17 02:15:09 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)

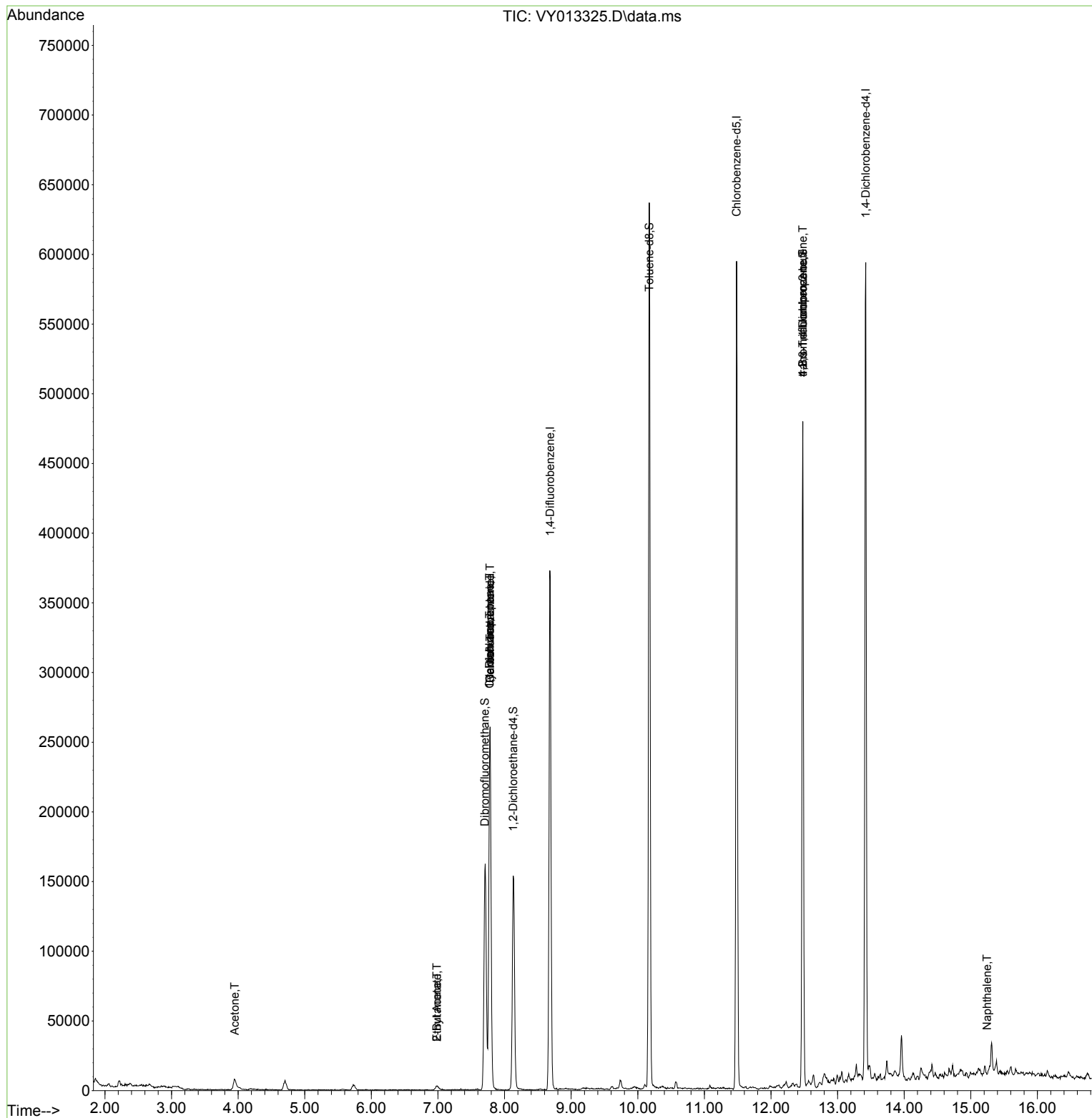
Internal Standards						
1) Pentafluorobenzene	7.783	168	208176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	324877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	314021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	158935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	129198	51.642	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.280%	
35) Dibromofluoromethane	7.704	113	115930	55.120	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.240%	
50) Toluene-d8	10.173	98	410817	52.477	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.960%	
62) 4-Bromofluorobenzene	12.477	95	132779	52.201	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.400%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	16335	18.990	ug/l	97
20) Methylene Chloride	4.704	84	4681	Below Cal	#	76
25) 2-Butanone	6.984	43	5433	4.933	ug/l	94
31) Cyclohexane	7.777	56	4332	1.145	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	15218	4.776	ug/l #	49
37) Ethyl Acetate	6.984	43	5433	2.115	ug/l #	69
38) Carbon Tetrachloride	7.783	117	19869	5.639	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	69847	35.268	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	69847	73.199	ug/l #	13
95) Naphthalene	15.245	128	797	3.311	ug/l #	76

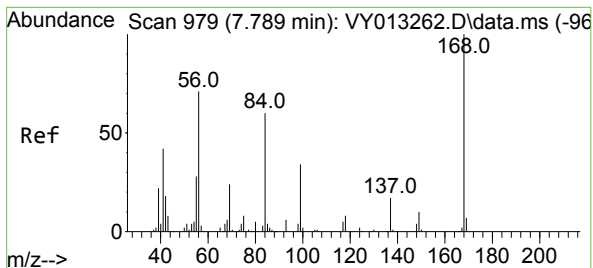
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041423\
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Quant Time: Apr 17 02:15:09 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY013325.D

Acq: 14 Apr 2023 17:41

Instrument :

MSVOA_Y

ClientSampleId :

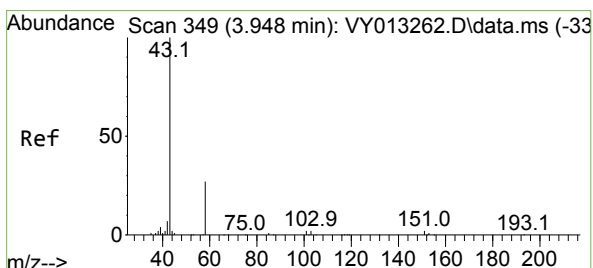
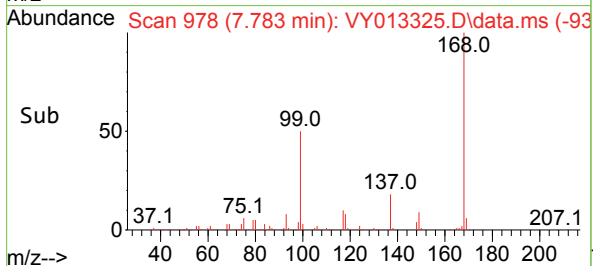
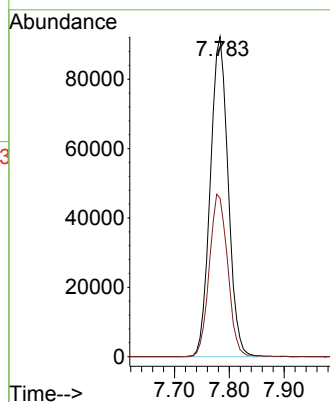
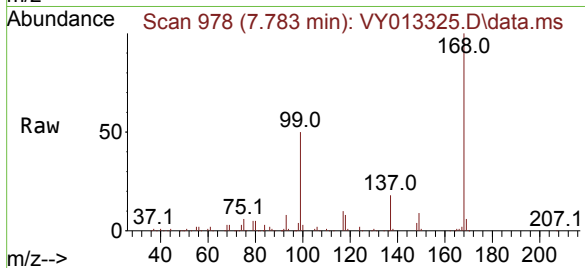
P2-S2-230413

Tgt Ion:168 Resp: 208176

Ion Ratio Lower Upper

168 100

99 49.6 41.7 62.5



#16

Acetone

Concen: 18.990 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.000 min

Lab File: VY013325.D

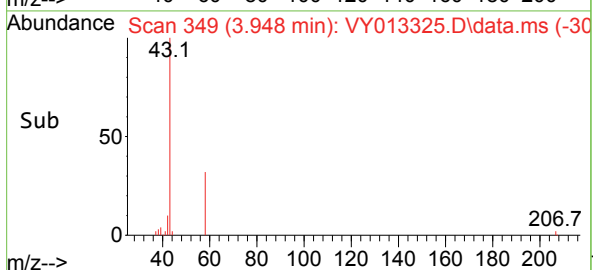
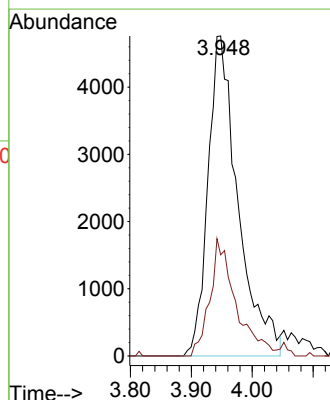
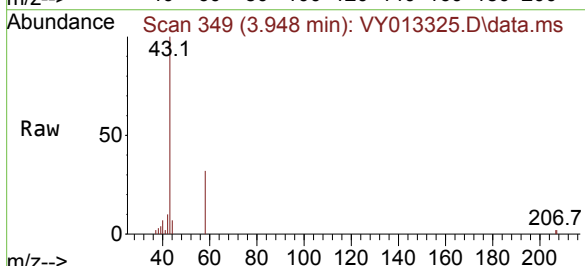
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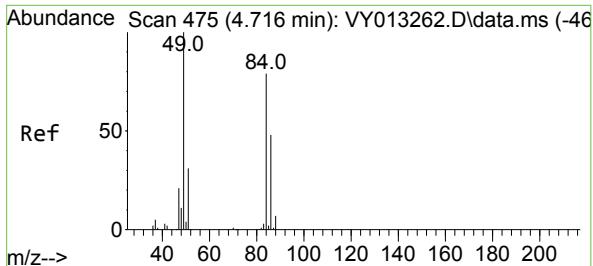
Tgt Ion: 43 Resp: 16335

Ion Ratio Lower Upper

43 100

58 31.6 24.2 36.2





#20

Methylene Chloride

Concen: Below Cal

RT: 4.704 min Scan# 41

Delta R.T. -0.012 min

Lab File: VY013325.D

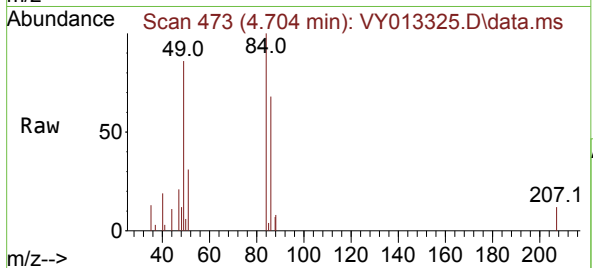
Acq: 14 Apr 2023 17:41

Instrument :

MSVOA_Y

ClientSampleId :

P2-S2-230413



Tgt Ion: 84 Resp: 4681

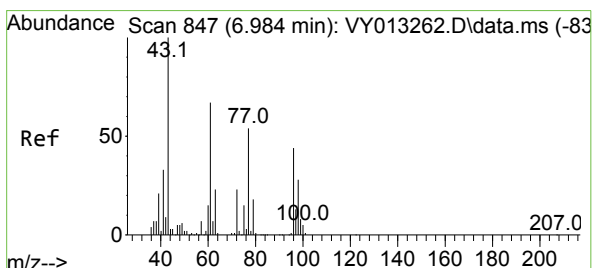
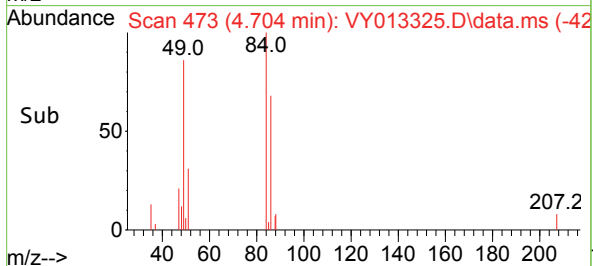
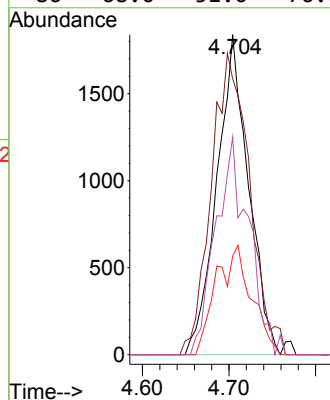
Ion Ratio Lower Upper

84 100

49 86.2 102.6 154.0#

51 30.8 31.9 47.9#

86 68.0 51.0 76.6



#25

2-Butanone

Concen: 4.933 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY013325.D

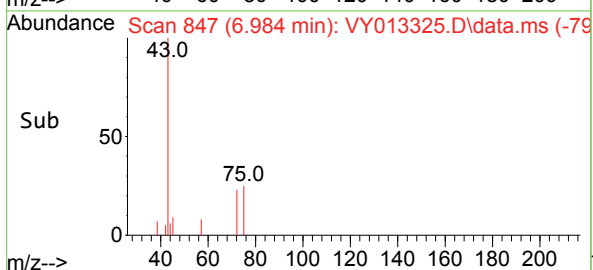
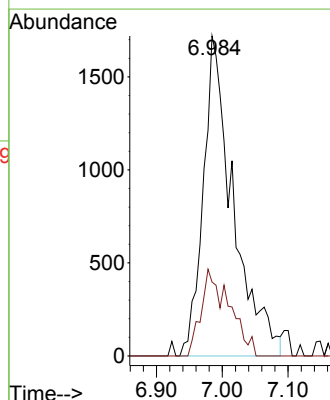
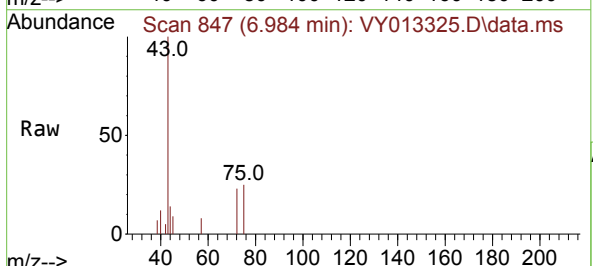
Acq: 14 Apr 2023 17:41

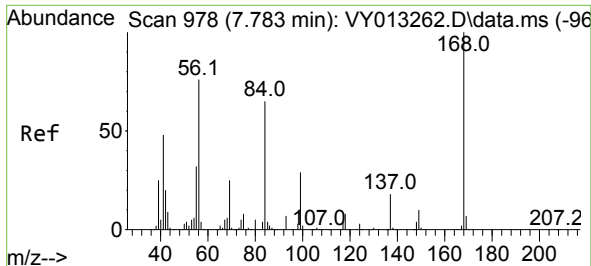
Tgt Ion: 43 Resp: 5433

Ion Ratio Lower Upper

43 100

72 23.1 21.0 31.4

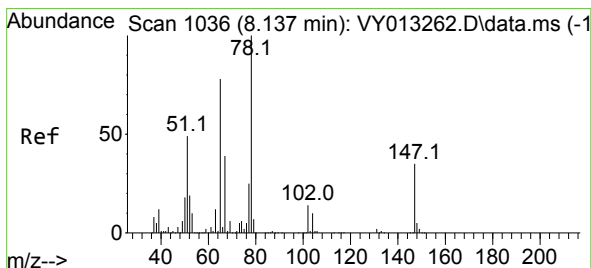
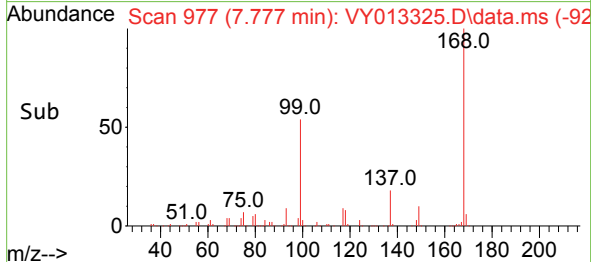
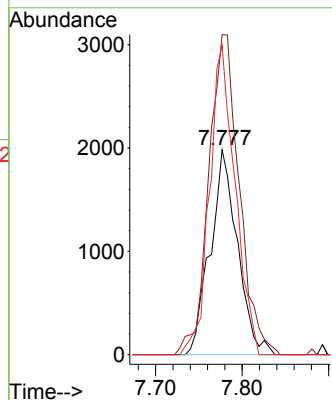
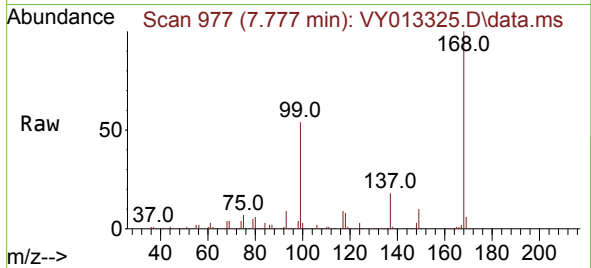




#31
Cyclohexane
Concen: 1.145 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013325.D
Acq: 14 Apr 2023 17:41

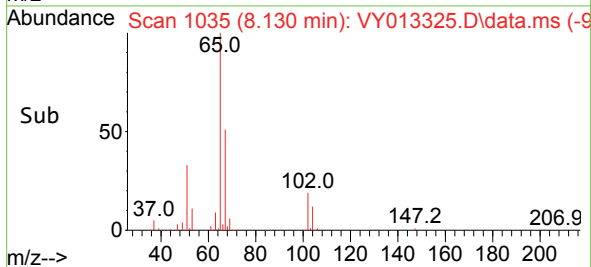
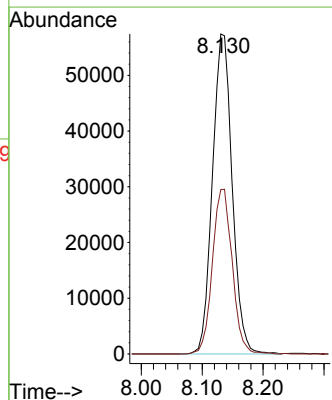
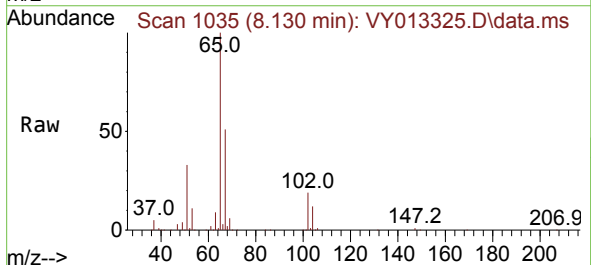
Instrument :
MSVOA_Y
ClientSampleId :
P2-S2-230413

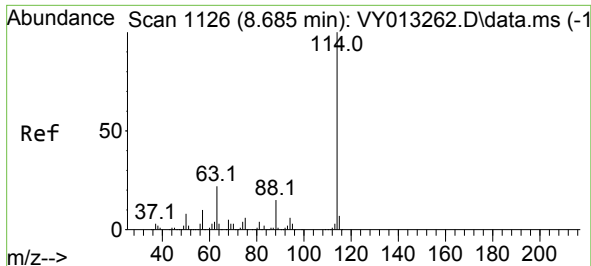
Tgt Ion: 56 Resp: 4332
Ion Ratio Lower Upper
56 100
69 156.3 25.7 38.5#
84 151.0 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 51.642 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY013325.D
Acq: 14 Apr 2023 17:41

Tgt Ion: 65 Resp: 129198
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.0

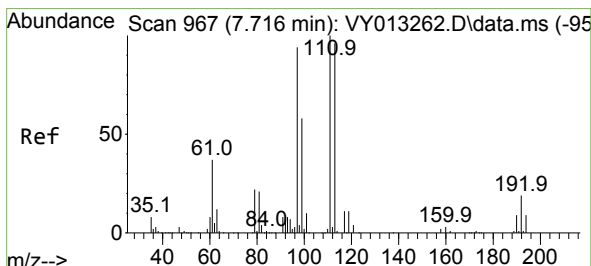
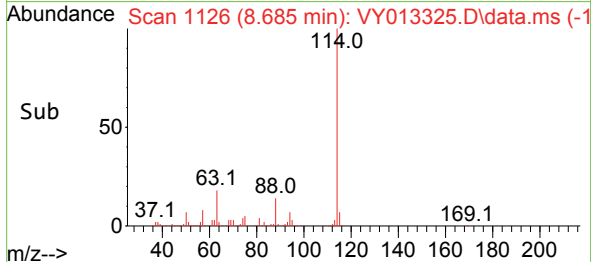
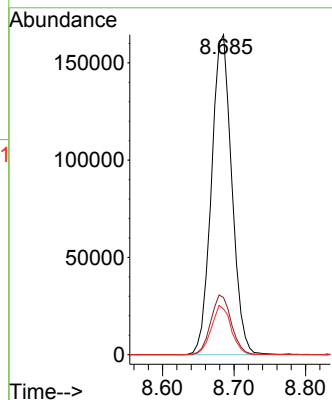
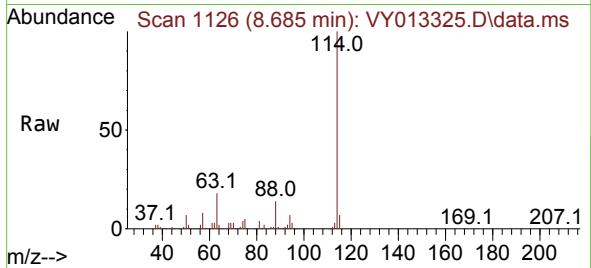




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY013325.D
Acq: 14 Apr 2023 17:41

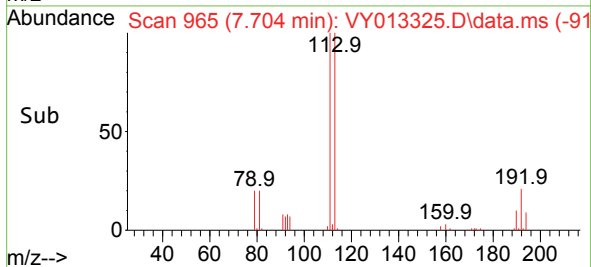
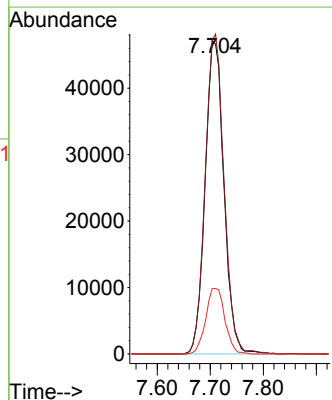
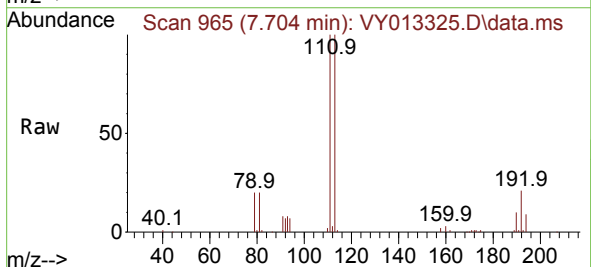
Instrument :
MSVOA_Y
ClientSampleId :
P2-S2-230413

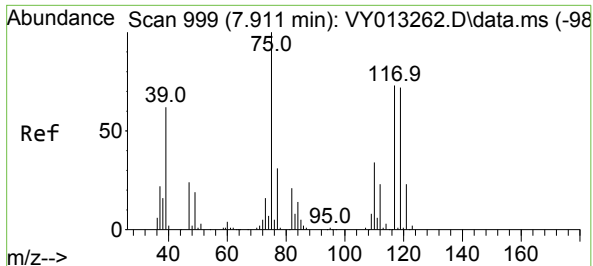
Tgt Ion:114 Resp: 324877
Ion Ratio Lower Upper
114 100
63 17.9 0.0 37.4
88 14.2 0.0 28.6



#35
Dibromofluoromethane
Concen: 55.120 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.012 min
Lab File: VY013325.D
Acq: 14 Apr 2023 17:41

Tgt Ion:113 Resp: 115930
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 21.3 16.8 25.2

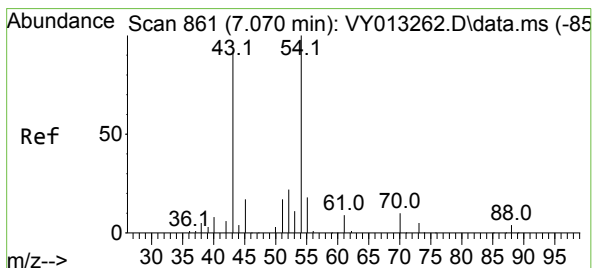
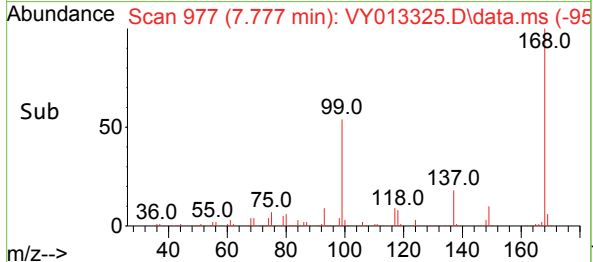
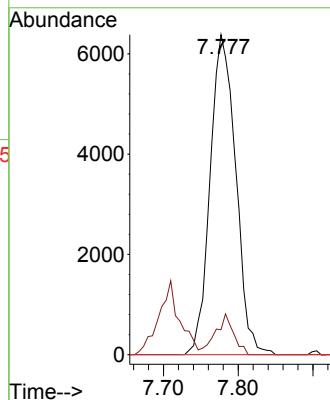
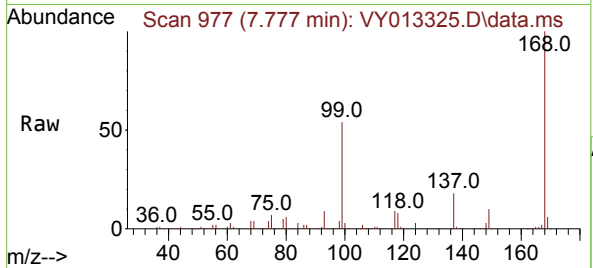




#36
1,1-Dichloropropene
Concen: 4.776 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY013325.D
Acq: 14 Apr 2023 17:41

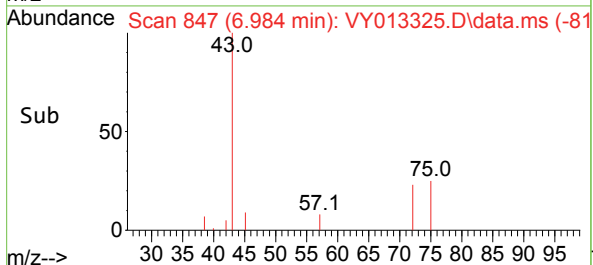
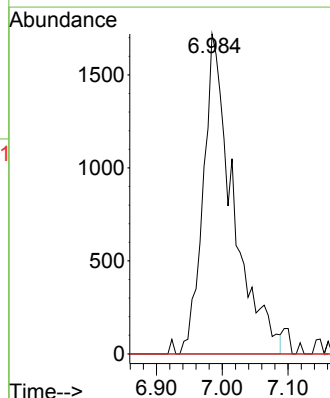
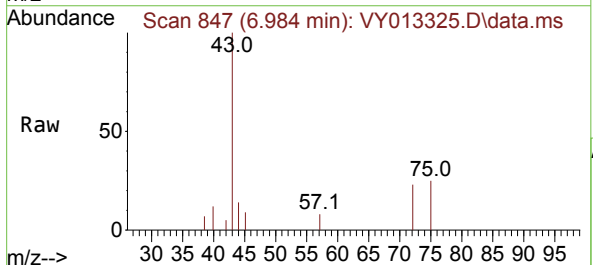
Instrument :
MSVOA_Y
ClientSampleId :
P2-S2-230413

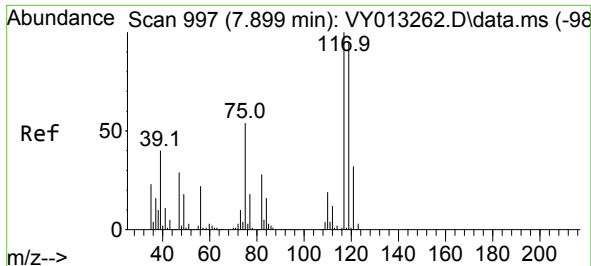
Tgt Ion: 75 Resp: 15218
Ion Ratio Lower Upper
75 100
110 9.1 17.8 53.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 2.115 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.085 min
Lab File: VY013325.D
Acq: 14 Apr 2023 17:41

Tgt Ion: 43 Resp: 5433
Ion Ratio Lower Upper
43 100
61 0.0 10.7 16.1#
70 0.0 7.8 11.8#

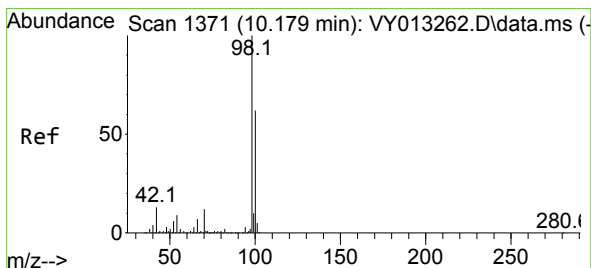
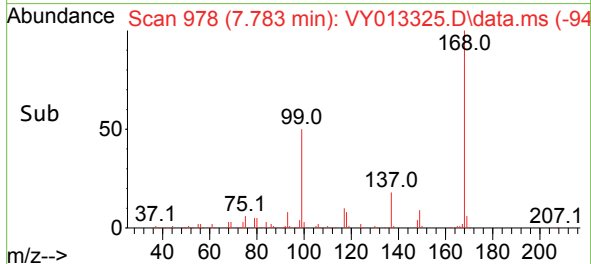
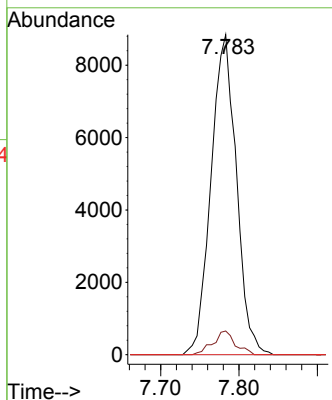
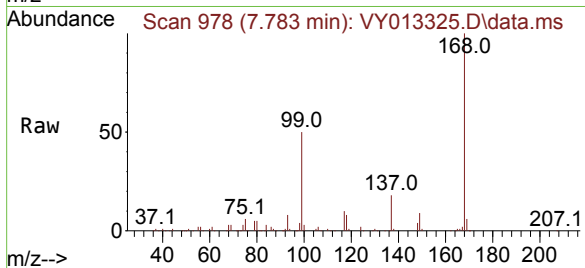




#38
Carbon Tetrachloride
Concen: 5.639 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013325.D
Acq: 14 Apr 2023 17:41

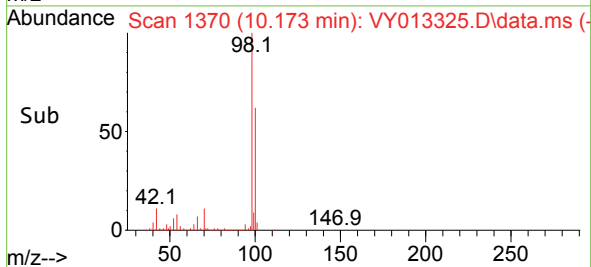
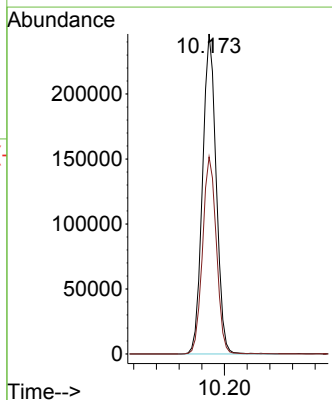
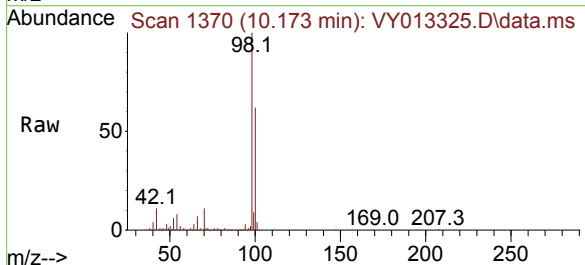
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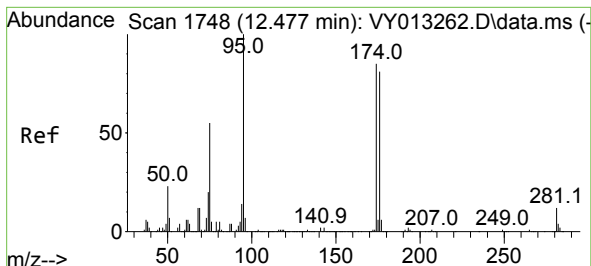
Tgt Ion:117 Resp: 19869
Ion Ratio Lower Upper
117 100
119 7.4 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 52.477 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY013325.D
Acq: 14 Apr 2023 17:41

Tgt Ion: 98 Resp: 410817
Ion Ratio Lower Upper
98 100
100 62.2 50.9 76.3

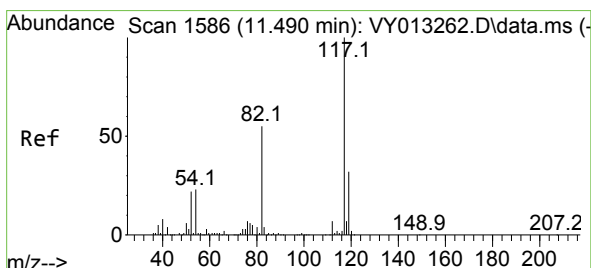
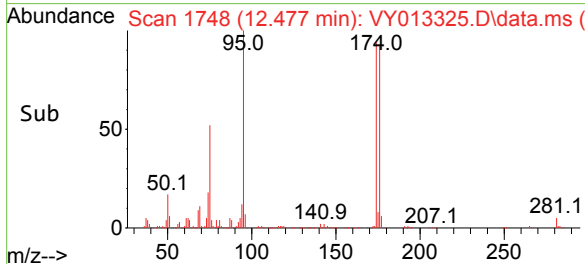
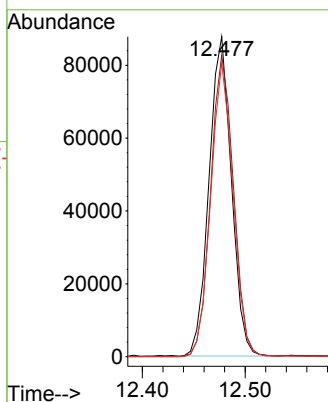
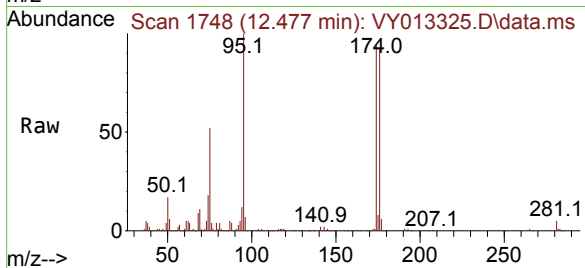




#62
4-Bromofluorobenzene
Concen: 52.201 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013325.D
Acq: 14 Apr 2023 17:41

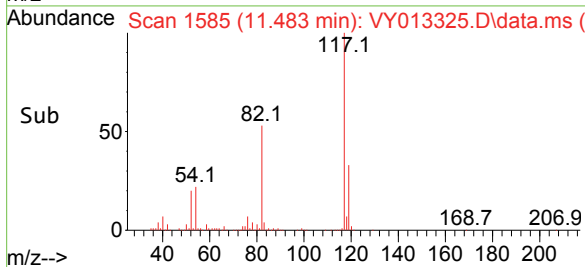
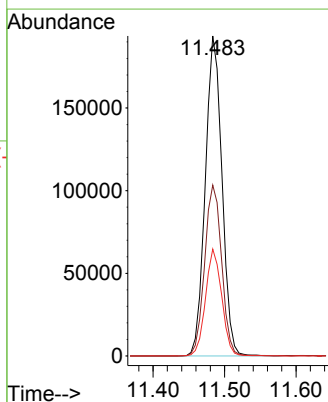
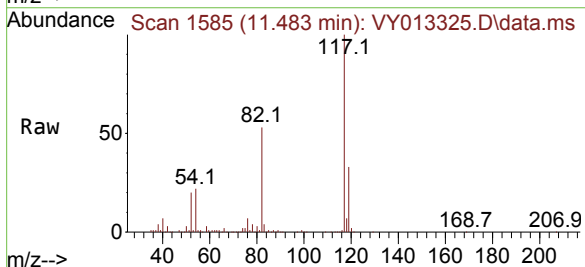
Instrument :
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P2-S2-230413

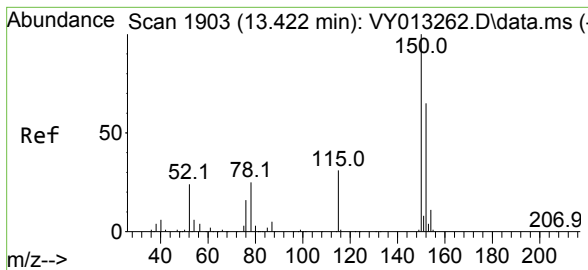
Tgt Ion: 95 Resp: 132779
Ion Ratio Lower Upper
95 100
174 96.4 0.0 176.6
176 91.8 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY013325.D
Acq: 14 Apr 2023 17:41

Tgt Ion: 117 Resp: 314021
Ion Ratio Lower Upper
117 100
82 53.4 45.4 68.0
119 33.4 25.6 38.4

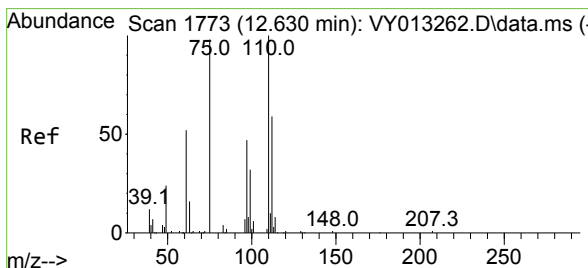
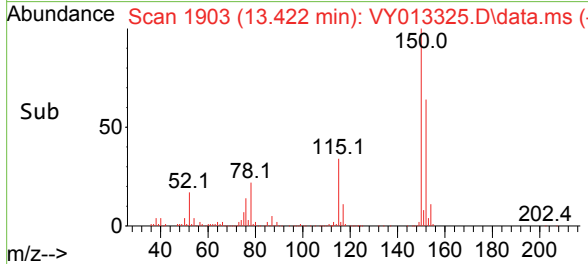
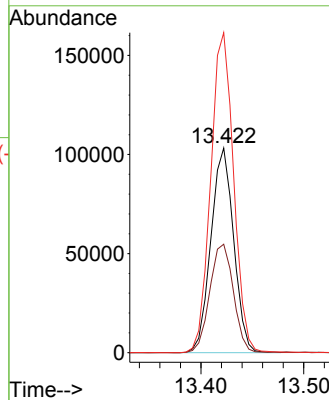
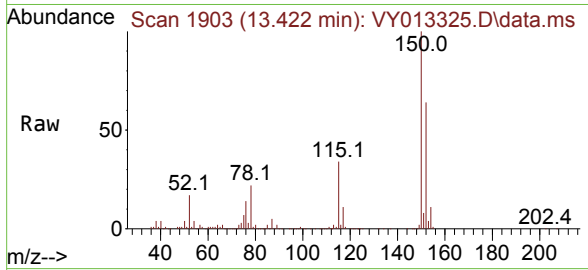




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY013325.D
 Acq: 14 Apr 2023 17:41

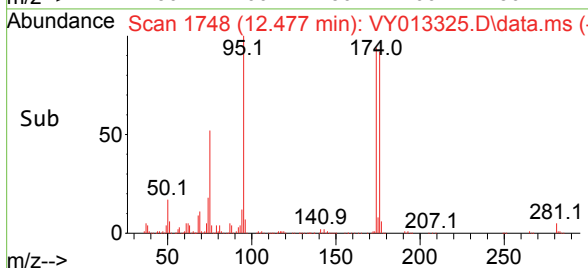
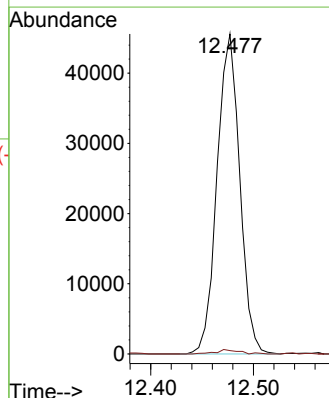
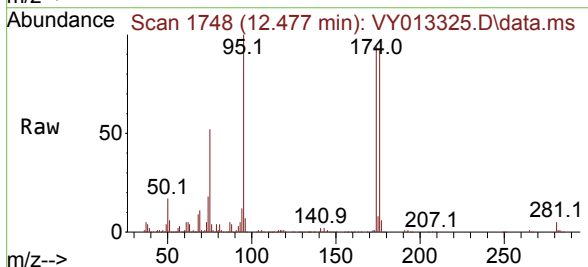
Instrument :
 MSVOA_Y
 ClientSampleId :
 P2-S2-230413

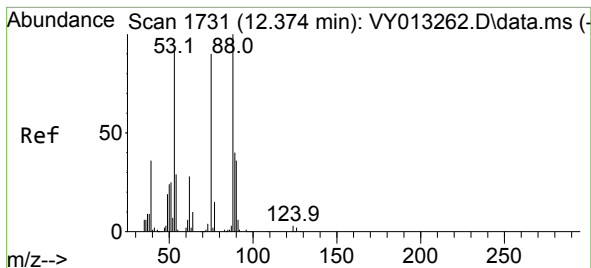
Tgt Ion:152 Resp: 158935
 Ion Ratio Lower Upper
 152 100
 115 55.2 27.1 81.3
 150 157.7 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 35.268 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY013325.D
 Acq: 14 Apr 2023 17:41

Tgt Ion: 75 Resp: 69847
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

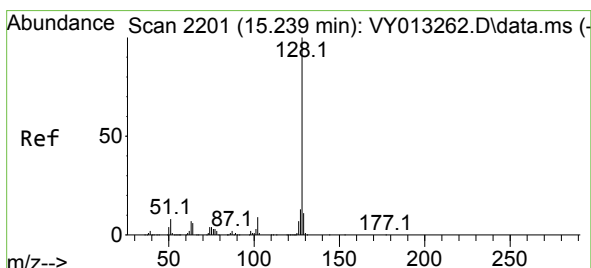
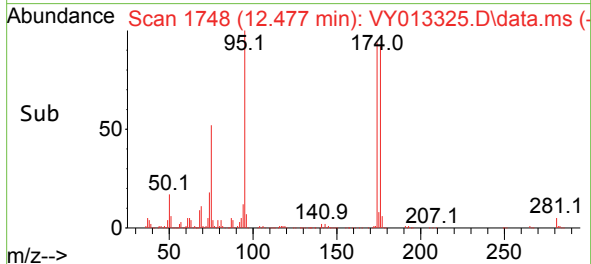
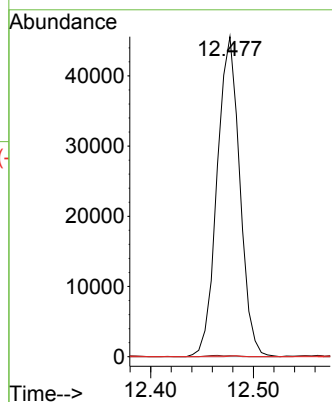
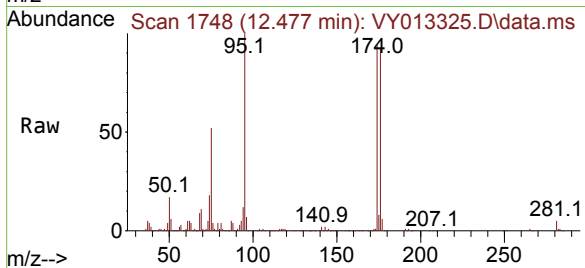




#81
trans-1,4-Dichloro-2-butene
Concen: 73.199 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY013325.D
Acq: 14 Apr 2023 17:41

Instrument :
MSVOA_Y
ClientSampleId :
P2-S2-230413

Tgt Ion: 75 Resp: 69847
Ion Ratio Lower Upper
75 100
53 0.5 73.4 110.0#
89 0.1 36.6 55.0#



#95
Naphthalene
Concen: 3.311 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY013325.D
Acq: 14 Apr 2023 17:41

Tgt Ion:128 Resp: 797
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 15.7 8.6 13.0#

