

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041223\
 Data File : VY013274.D
 Acq On : 12 Apr 2023 18:09
 Operator : KP/MD
 Sample : 02292-09
 Misc : 7.57g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 IDW-SO-G3-041123

Quant Time: Apr 13 06:18:16 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)

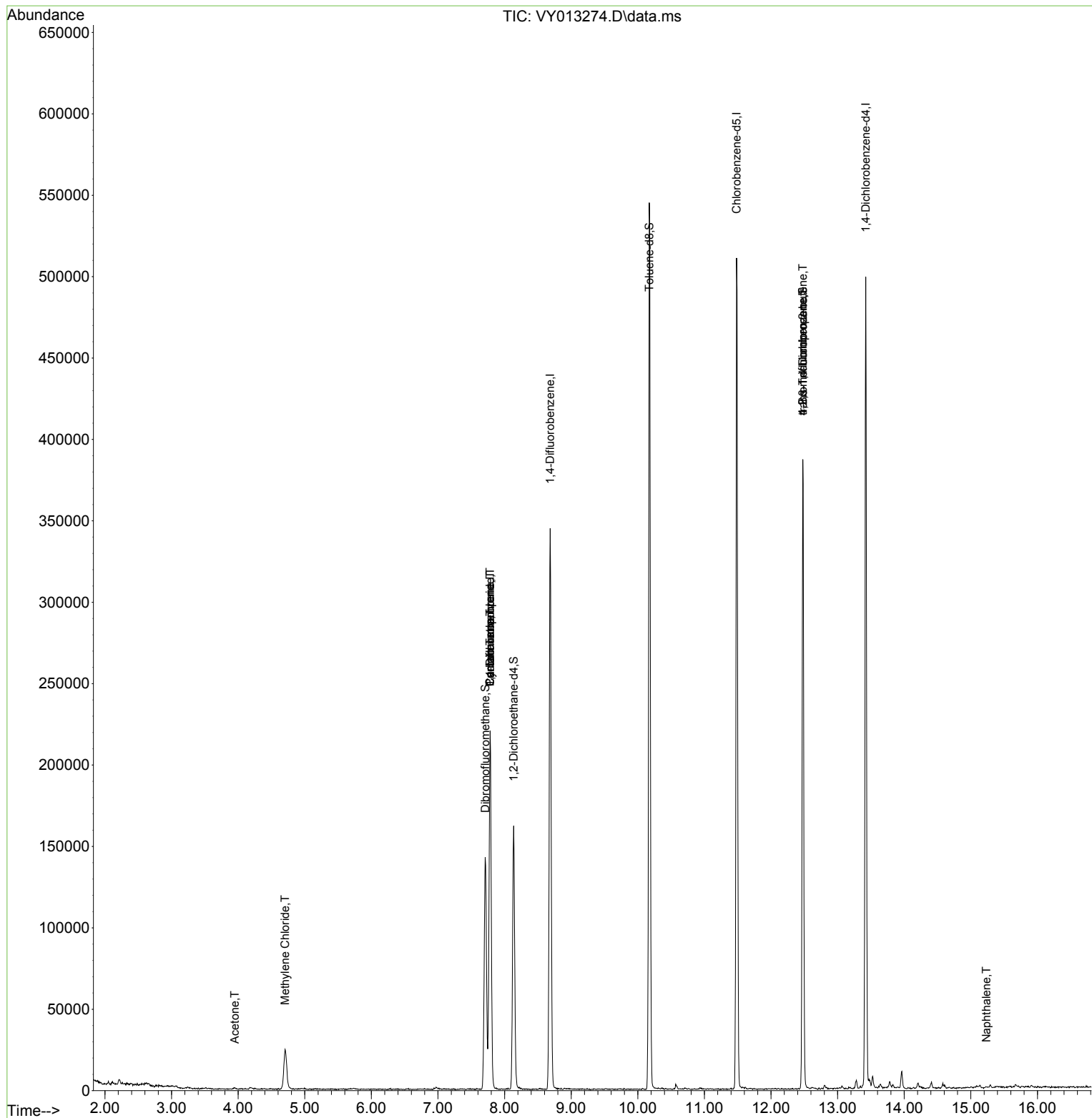
Internal Standards						
1) Pentafluorobenzene	7.783	168	164769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	281374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	261404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	123619	62.429	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	124.860%	
35) Dibromofluoromethane	7.710	113	100523	55.184	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	110.360%	
50) Toluene-d8	10.173	98	347994	51.324	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	102.640%	
62) 4-Bromofluorobenzene	12.477	95	107754	48.912	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	97.820%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	408	Below Cal	#	74
16) Acetone	3.948	43	1483	2.178	ug/l #	61
20) Methylene Chloride	4.704	84	16855	5.577	ug/l	96
31) Cyclohexane	7.783	56	4275	1.428	ug/l #	12
36) 1,1-Dichloropropene	7.783	75	12485	4.524	ug/l #	52
38) Carbon Tetrachloride	7.783	117	16598	5.439	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	59956	38.959	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	59956	80.858	ug/l #	13
95) Naphthalene	15.233	128	512	3.293	ug/l #	69

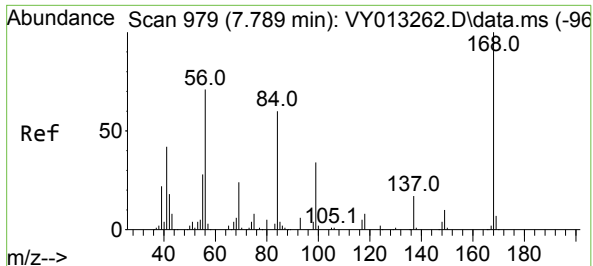
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041223\
Data File : VY013274.D
Acq On : 12 Apr 2023 18:09
Operator : KP/MD
Sample : 02292-09
Misc : 7.57g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
IDW-SO-G3-041123

Quant Time: Apr 13 06:18:16 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

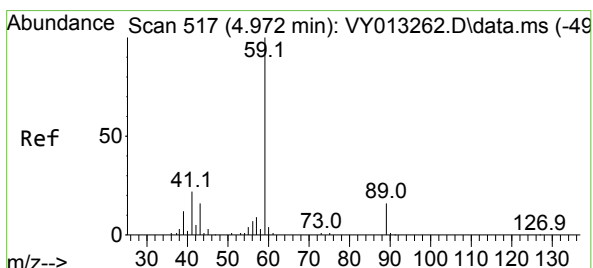
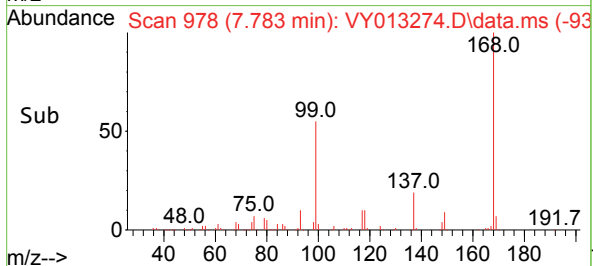
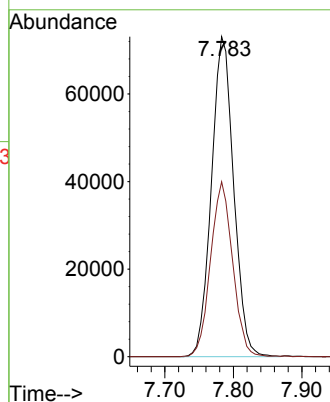
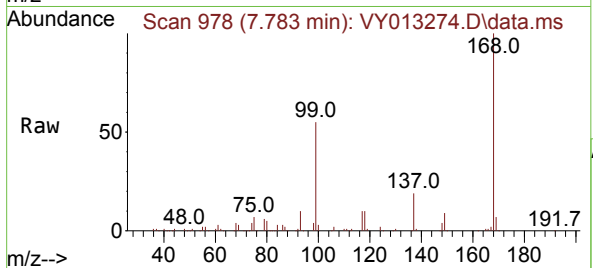




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013274.D
Acq: 12 Apr 2023 18:09

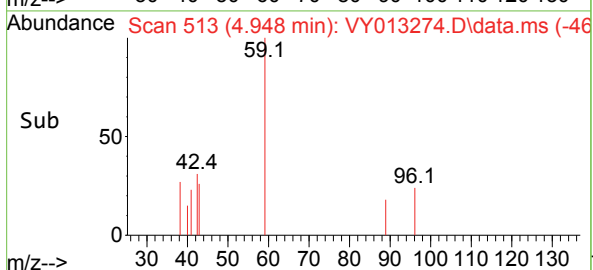
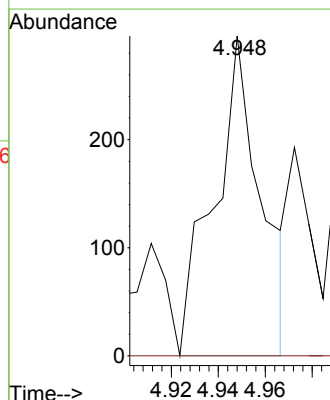
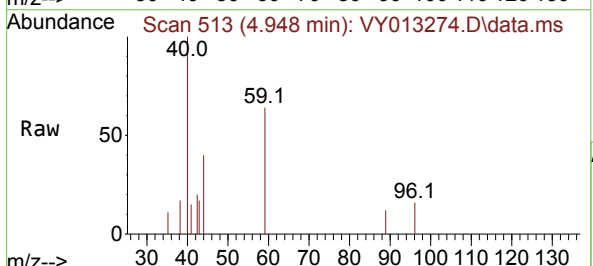
Instrument :
MSVOA_Y
ClientSampleId :
IDW-SO-G3-041123

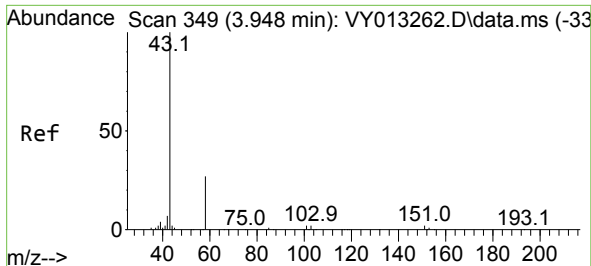
Tgt Ion:168 Resp: 164769
Ion Ratio Lower Upper
168 100
99 54.6 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.024 min
Lab File: VY013274.D
Acq: 12 Apr 2023 18:09

Tgt Ion: 59 Resp: 408
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#16

Acetone

Concen: 2.178 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.000 min

Lab File: VY013274.D

Acq: 12 Apr 2023 18:09

Instrument :

MSVOA_Y

ClientSampleId :

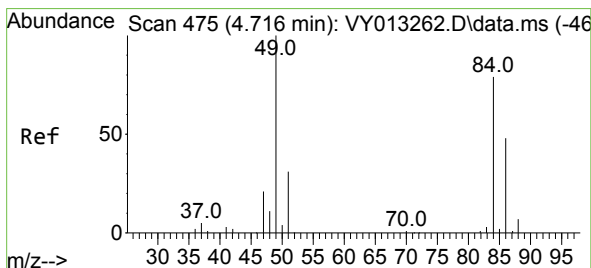
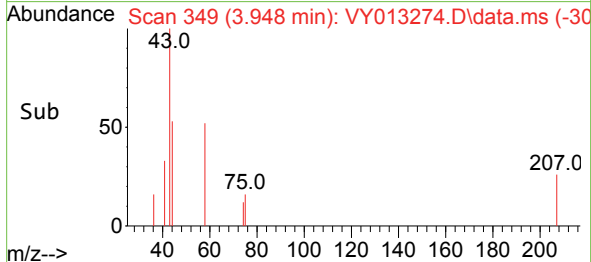
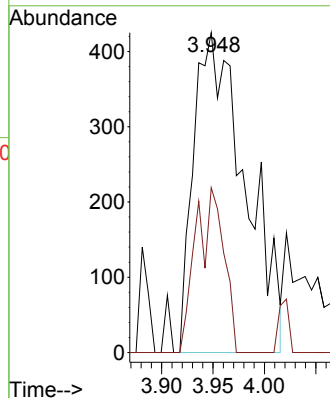
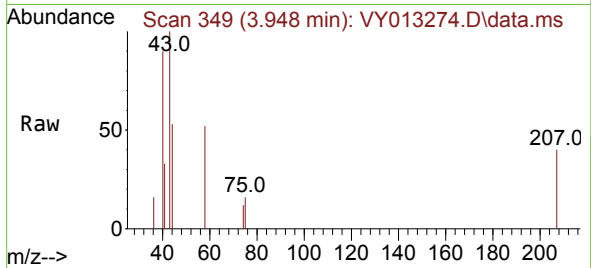
IDW-SO-G3-041123

Tgt Ion: 43 Resp: 1483

Ion Ratio Lower Upper

43 100

58 51.5 24.2 36.2#



#20

Methylene Chloride

Concen: 5.577 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.012 min

Lab File: VY013274.D

Acq: 12 Apr 2023 18:09

Tgt Ion: 84 Resp: 16855

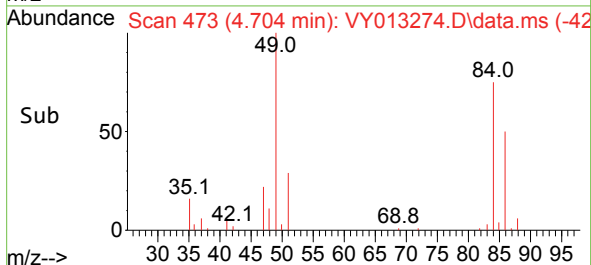
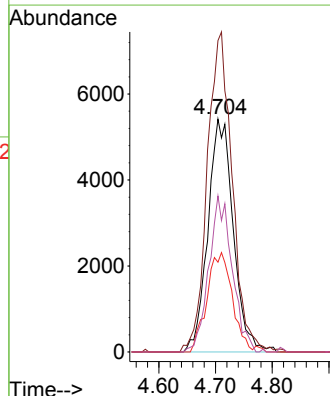
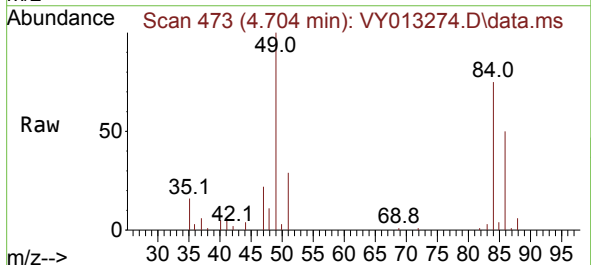
Ion Ratio Lower Upper

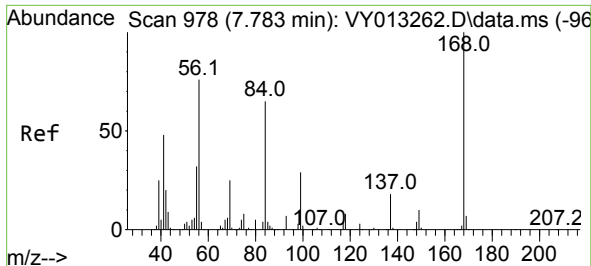
84 100

49 133.8 102.6 154.0

51 38.6 31.9 47.9

86 67.0 51.0 76.6

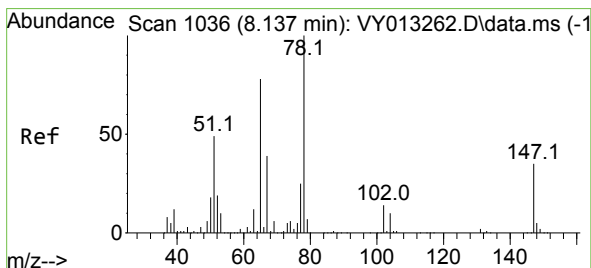
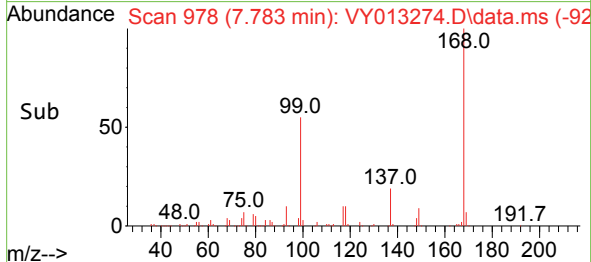
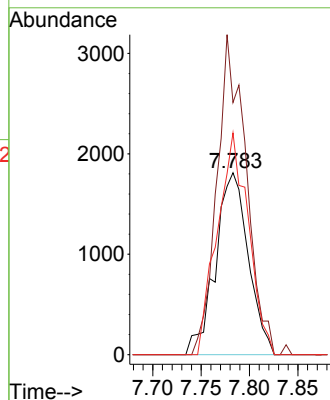
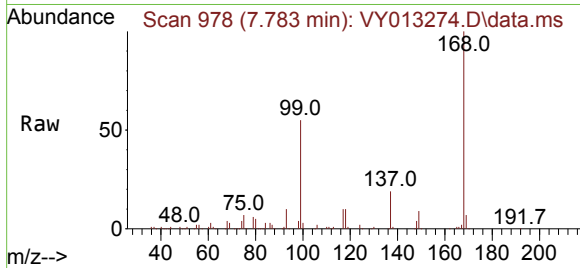




#31
Cyclohexane
Concen: 1.428 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013274.D
Acq: 12 Apr 2023 18:09

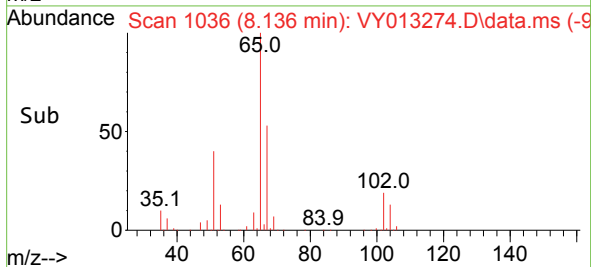
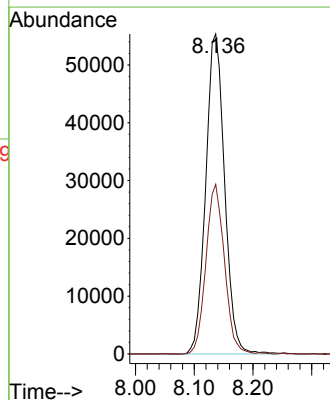
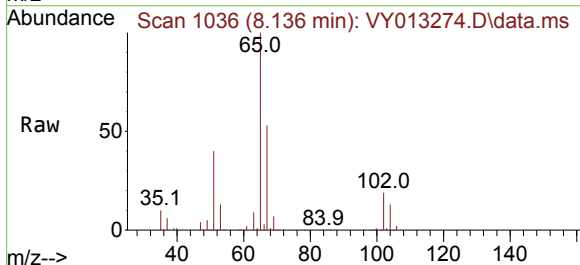
Instrument :
MSVOA_Y
ClientSampleId :
IDW-SO-G3-041123

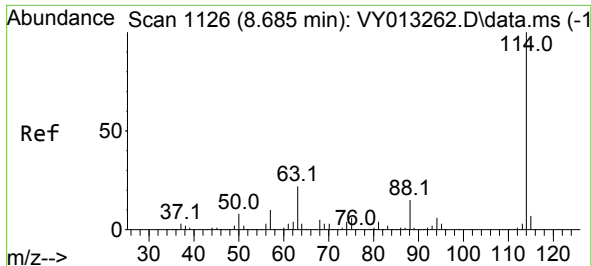
Tgt Ion: 56 Resp: 4275
Ion Ratio Lower Upper
56 100
69 138.7 25.7 38.5#
84 122.0 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 62.429 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013274.D
Acq: 12 Apr 2023 18:09

Tgt Ion: 65 Resp: 123619
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.0

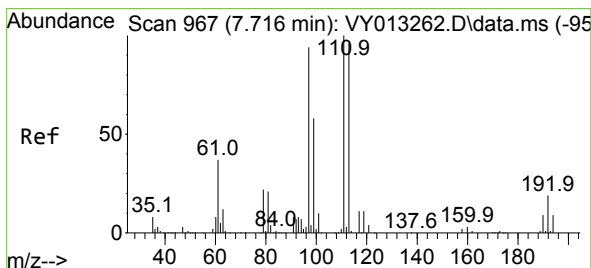
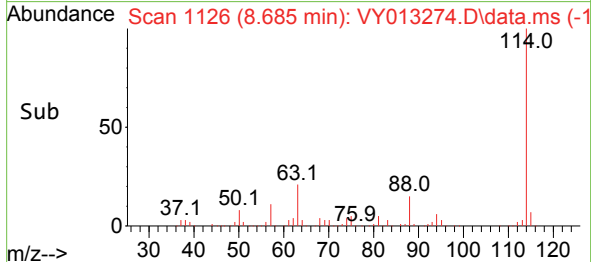
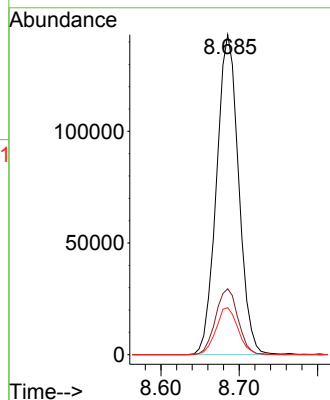
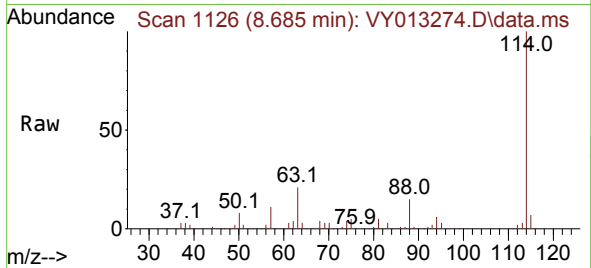




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY013274.D
Acq: 12 Apr 2023 18:09

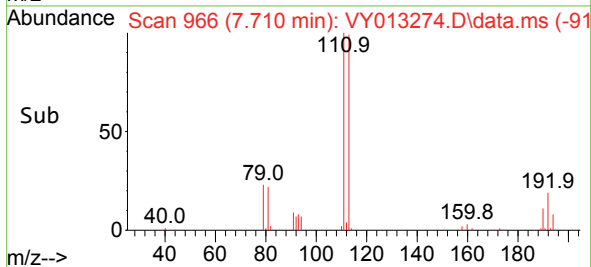
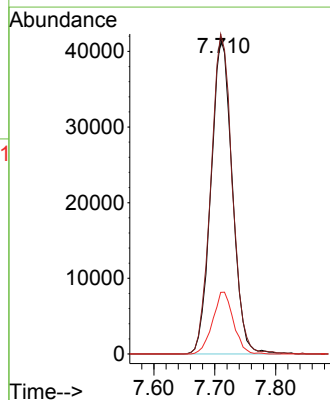
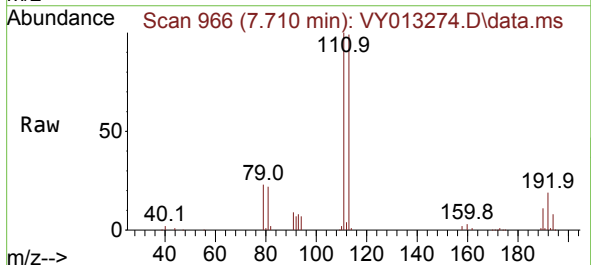
Instrument :
MSVOA_Y
ClientSampleId :
IDW-SO-G3-041123

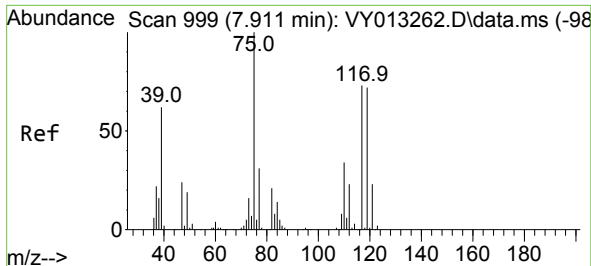
Tgt Ion:114 Resp: 281374
Ion Ratio Lower Upper
114 100
63 20.6 0.0 37.4
88 14.7 0.0 28.6



#35
Dibromofluoromethane
Concen: 55.184 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY013274.D
Acq: 12 Apr 2023 18:09

Tgt Ion:113 Resp: 100523
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 19.2 16.8 25.2

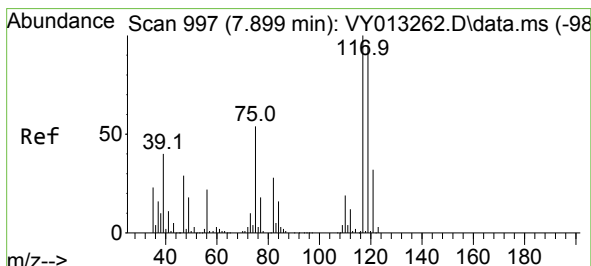
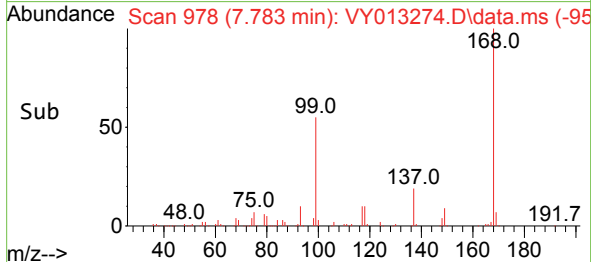
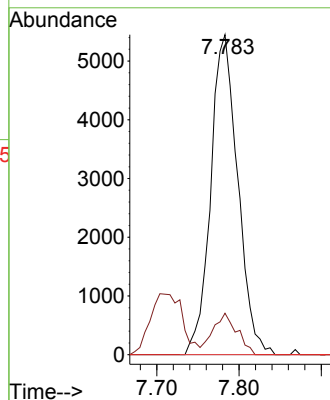
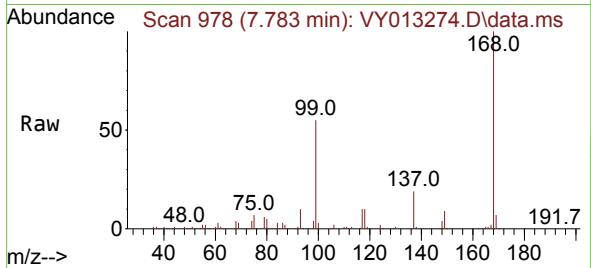




#36
 1,1-Dichloropropene
 Concen: 4.524 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY013274.D
 Acq: 12 Apr 2023 18:09

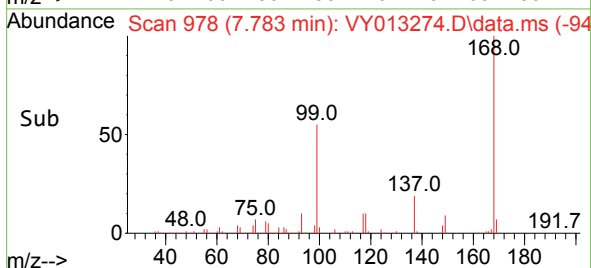
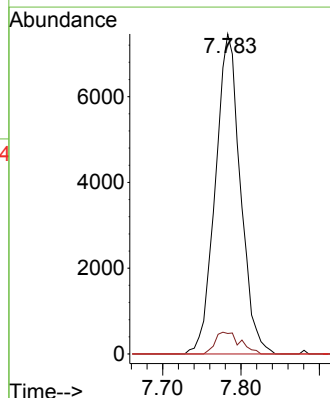
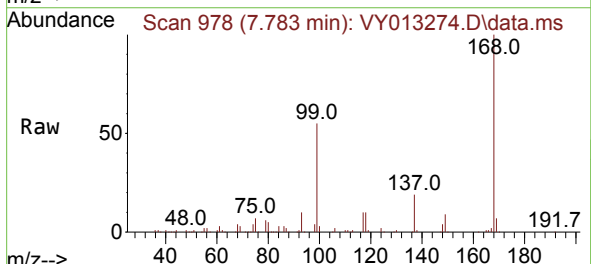
Instrument :
 MSVOA_Y
 ClientSampleId :
 IDW-SO-G3-041123

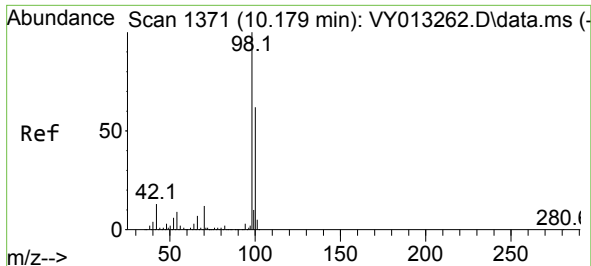
Tgt Ion: 75 Resp: 12485
 Ion Ratio Lower Upper
 75 100
 110 11.6 17.8 53.3#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.439 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.116 min
 Lab File: VY013274.D
 Acq: 12 Apr 2023 18:09

Tgt Ion: 117 Resp: 16598
 Ion Ratio Lower Upper
 117 100
 119 6.4 77.2 115.8#
 121 0.0 24.7 37.1#

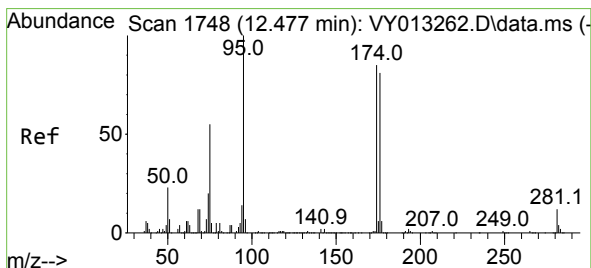
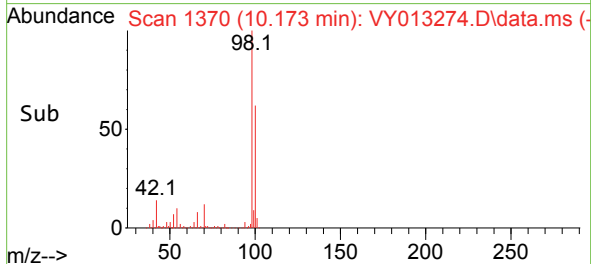
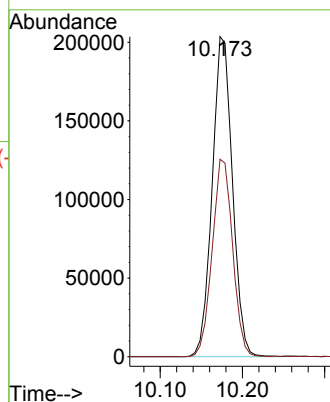
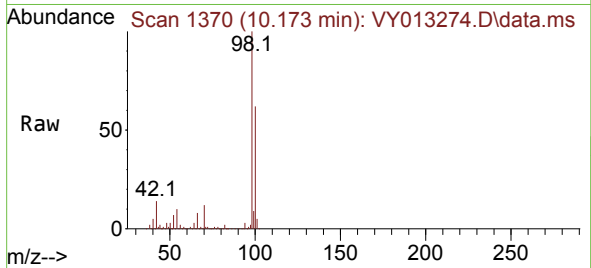




#50
Toluene-d8
Concen: 51.324 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY013274.D
Acq: 12 Apr 2023 18:09

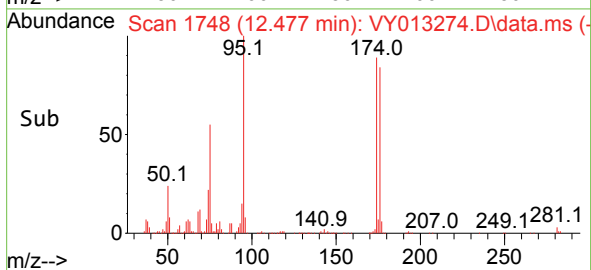
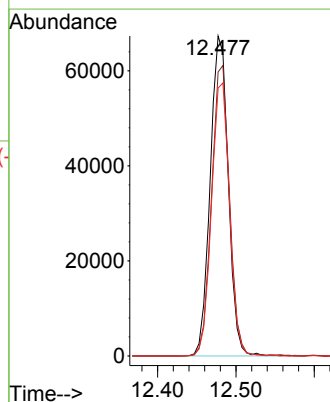
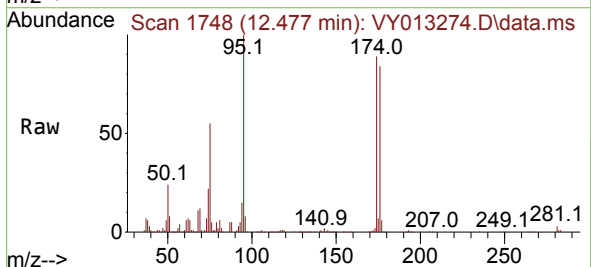
Instrument :
MSVOA_Y
ClientSampleId :
IDW-SO-G3-041123

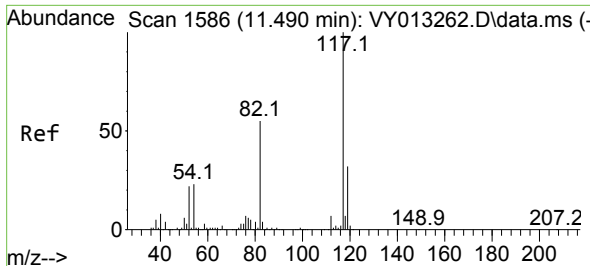
Tgt Ion: 98 Resp: 347994
Ion Ratio Lower Upper
98 100
100 62.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 48.912 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013274.D
Acq: 12 Apr 2023 18:09

Tgt Ion: 95 Resp: 107754
Ion Ratio Lower Upper
95 100
174 90.5 0.0 176.6
176 85.3 0.0 170.2

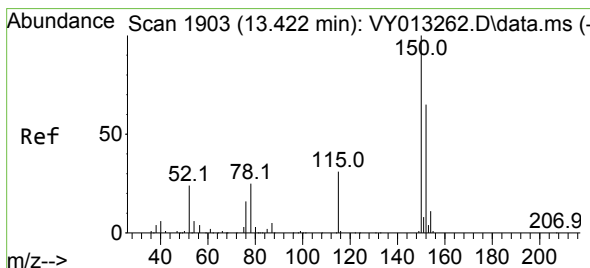
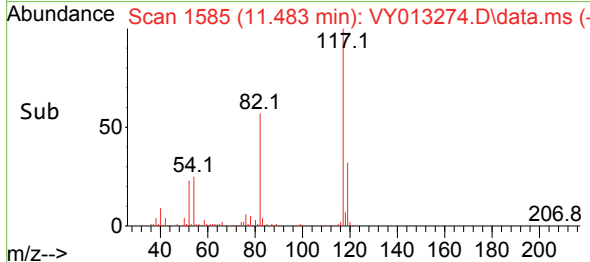
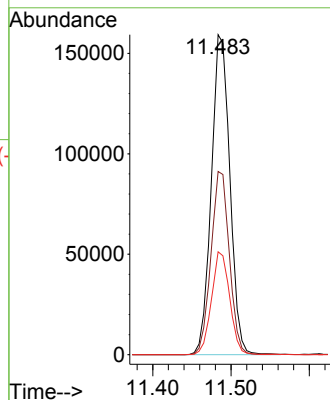
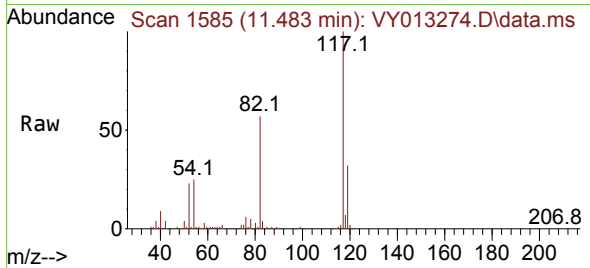




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY013274.D
Acq: 12 Apr 2023 18:09

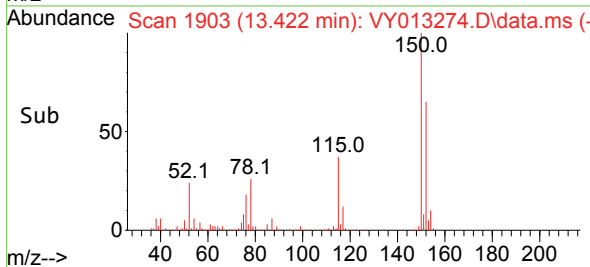
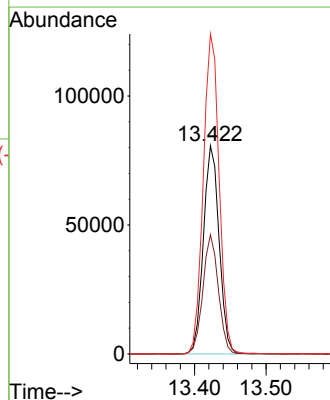
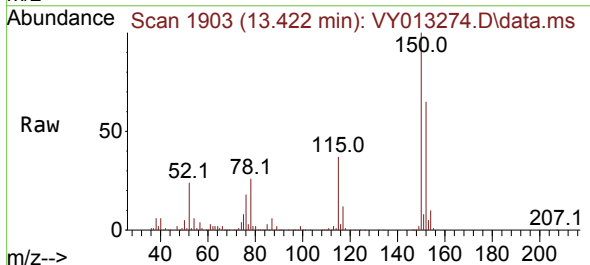
Instrument :
MSVOA_Y
ClientSampleId :
IDW-SO-G3-041123

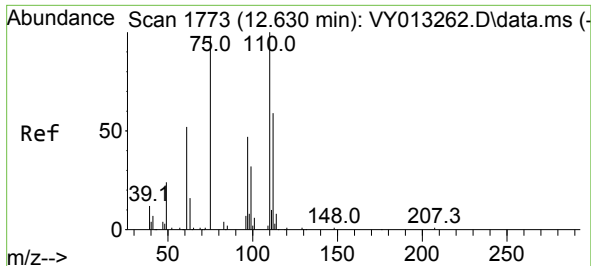
Tgt Ion:117 Resp: 261404
Ion Ratio Lower Upper
117 100
82 57.3 45.4 68.0
119 32.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY013274.D
Acq: 12 Apr 2023 18:09

Tgt Ion:152 Resp: 123505
Ion Ratio Lower Upper
152 100
115 56.3 27.1 81.3
150 154.8 0.0 347.8

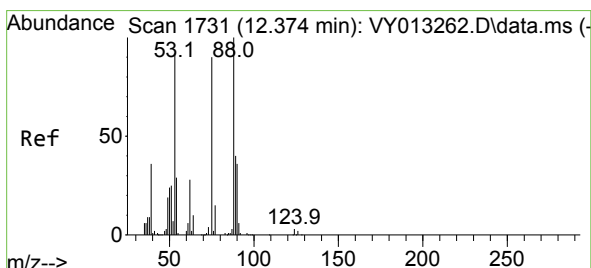
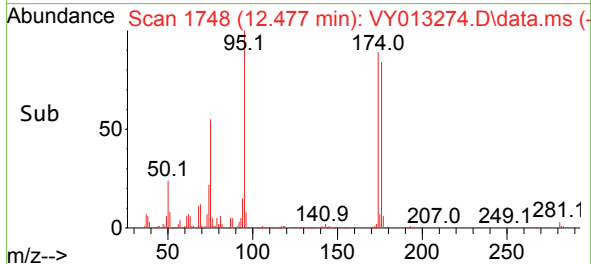
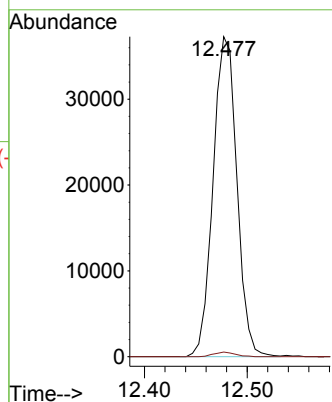
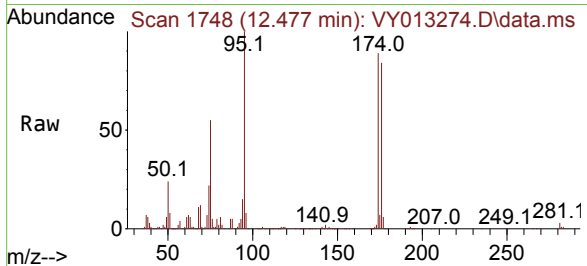




#76
1,2,3-Trichloropropane
Concen: 38.959 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY013274.D
Acq: 12 Apr 2023 18:09

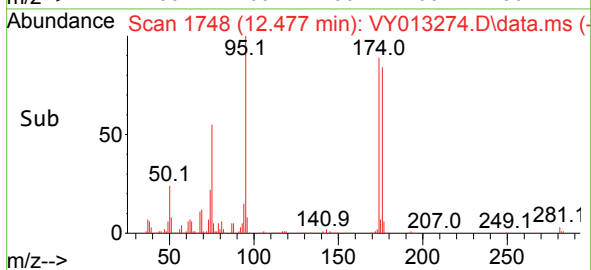
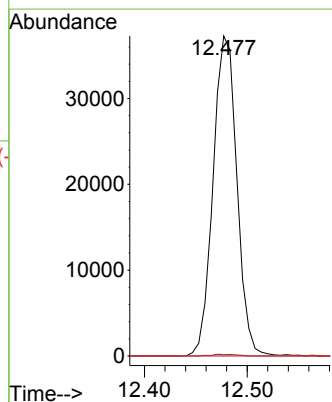
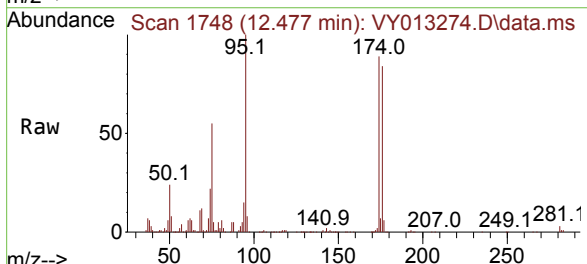
Instrument :
MSVOA_Y
ClientSampleId :
IDW-SO-G3-041123

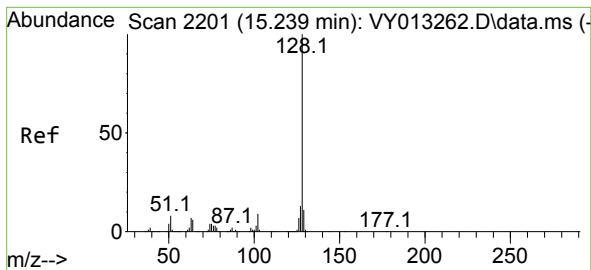
Tgt Ion: 75 Resp: 59956
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.858 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY013274.D
Acq: 12 Apr 2023 18:09

Tgt Ion: 75 Resp: 59956
Ion Ratio Lower Upper
75 100
53 0.5 73.4 110.0#
89 0.0 36.6 55.0#





#95

Naphthalene

Concen: 3.293 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY013274.D

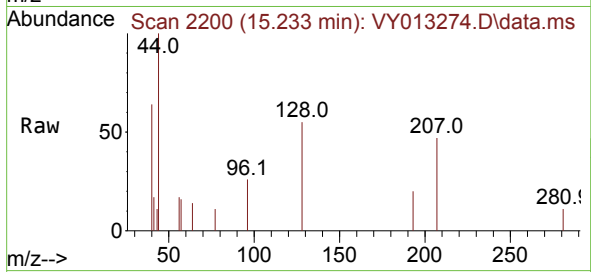
Acq: 12 Apr 2023 18:09

Instrument :

MSVOA_Y

ClientSampleId :

IDW-SO-G3-041123



Tgt Ion:128 Resp: 512

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.6 13.0#

