

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060223\
 Data File : VY013982.D
 Acq On : 02 Jun 2023 12:13
 Operator : KP/MD
 Sample : 03002-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB05A

Quant Time: Jun 03 04:58:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

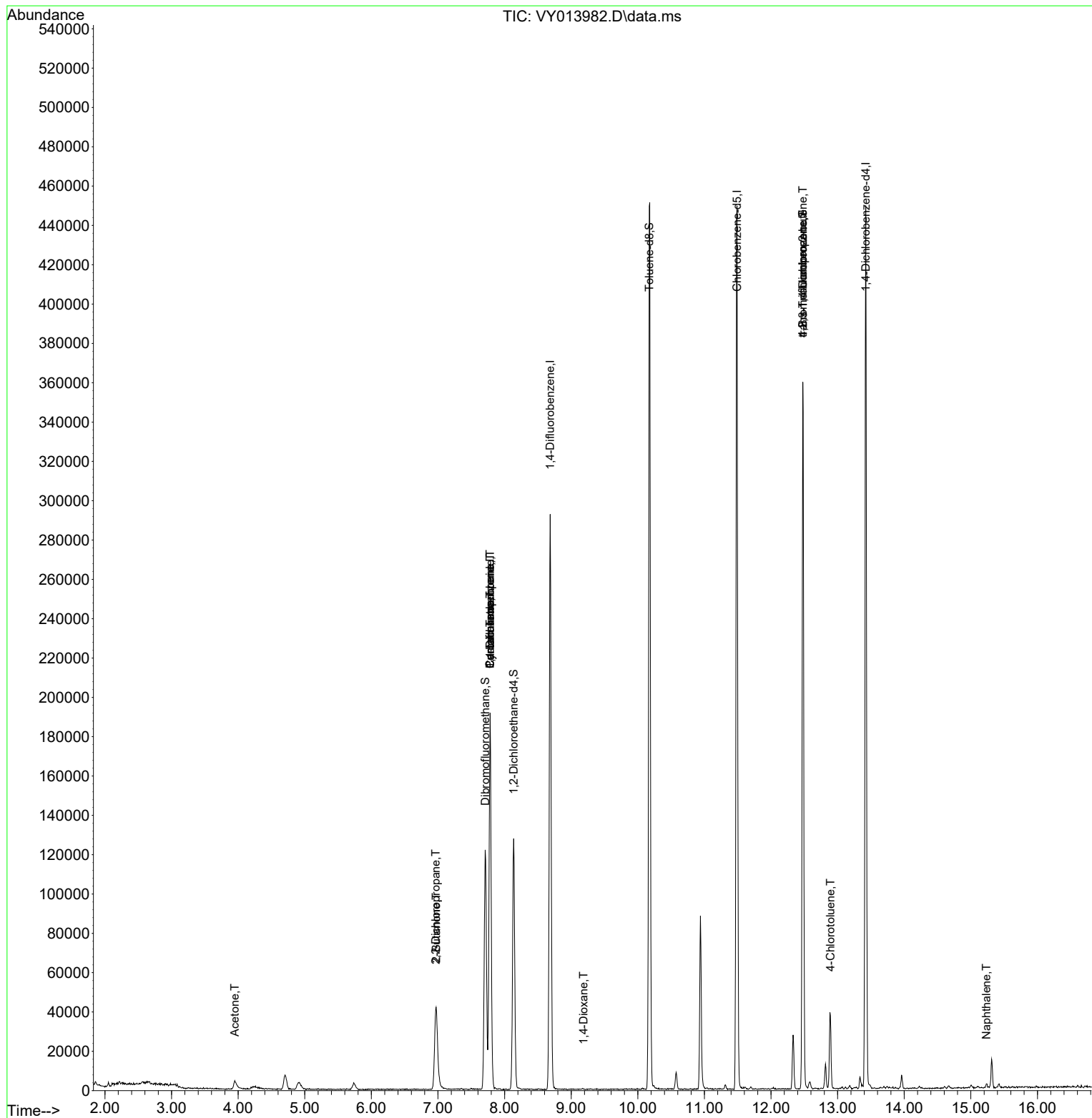
Internal Standards						
1) Pentafluorobenzene	7.783	168	140361	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	239374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	242910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	109486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	103801	55.866	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.740%			
35) Dibromofluoromethane	7.710	113	82989	54.553	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.100%			
50) Toluene-d8	10.173	98	295056	50.848	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.700%			
62) 4-Bromofluorobenzene	12.477	95	101015	51.063	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.120%			
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	8590	13.513	ug/l	91
20) Methylene Chloride	4.704	84	5341	Below Cal	#	79
25) 2-Butanone	6.972	43	2947	3.721	ug/l #	69
26) 2,2-Dichloropropane	6.966	77	3537	1.376	ug/l #	54
31) Cyclohexane	7.783	56	3404	1.521	ug/l #	7
36) 1,1-Dichloropropene	7.783	75	10909	5.033	ug/l #	52
38) Carbon Tetrachloride	7.783	117	13648	5.620	ug/l #	17
49) 1,4-Dioxane	9.185	88	19	1.183	ug/l #	36
76) 1,2,3-Trichloropropane	12.477	75	55823	37.889	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	55823	80.381	ug/l #	11
82) 4-Chlorotoluene	12.892	91	5867	1.064	ug/l #	40
95) Naphthalene	15.233	128	1705	4.188	ug/l	98

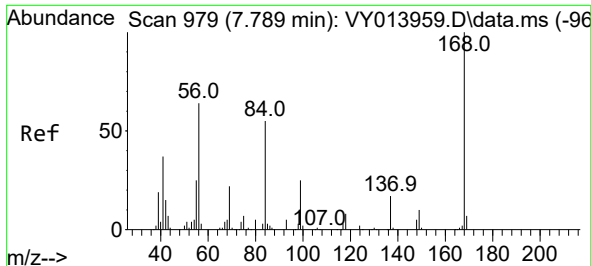
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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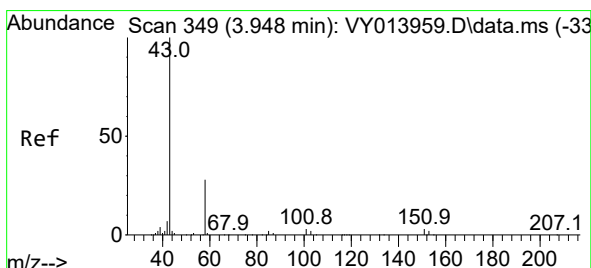
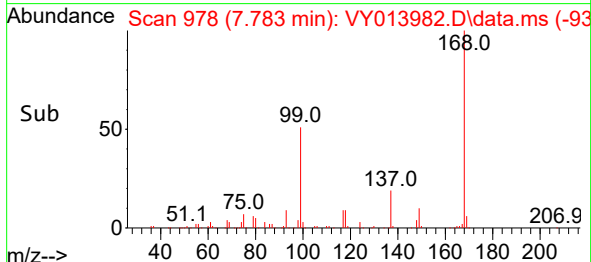
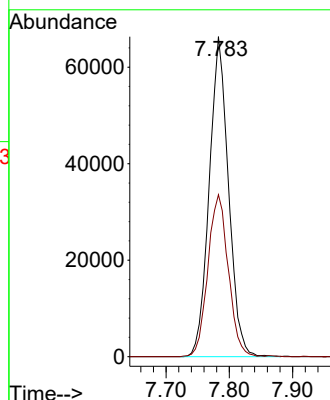
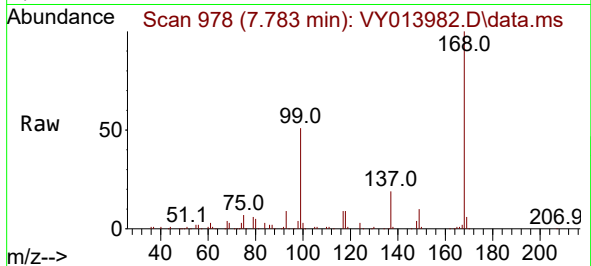




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013982.D
Acq: 02 Jun 2023 12:13

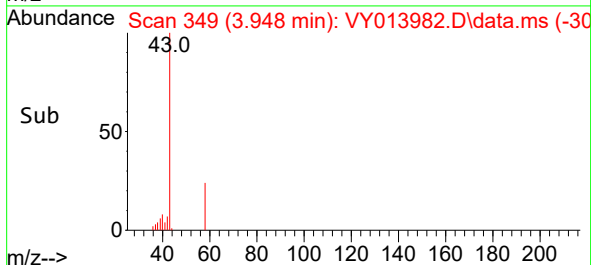
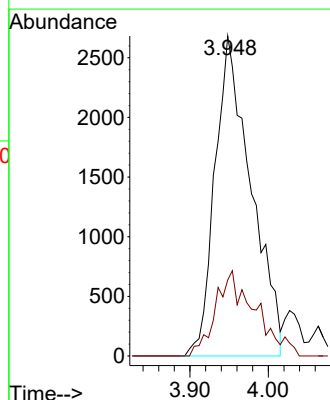
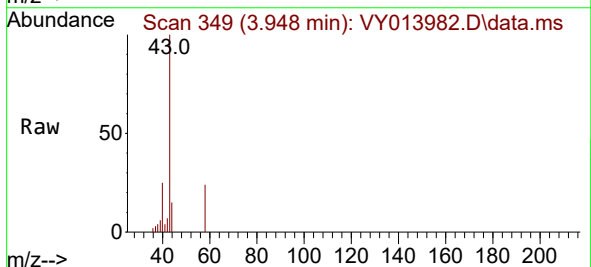
Instrument :
MSVOA_Y
ClientSampleId :
SB05A

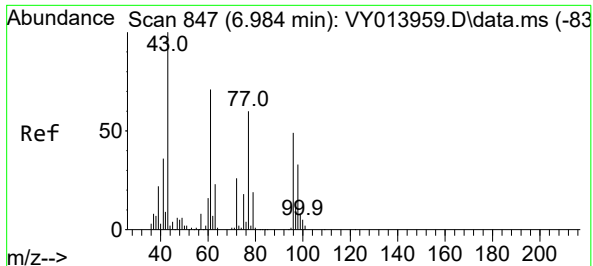
Tgt Ion:168 Resp: 140361
Ion Ratio Lower Upper
168 100
99 50.6 43.4 65.0



#16
Acetone
Concen: 13.513 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY013982.D
Acq: 02 Jun 2023 12:13

Tgt Ion: 43 Resp: 8590
Ion Ratio Lower Upper
43 100
58 23.7 22.7 34.1





#25

2-Butanone

Concen: 3.721 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY013982.D

Acq: 02 Jun 2023 12:13

Instrument :

MSVOA_Y

ClientSampleId :

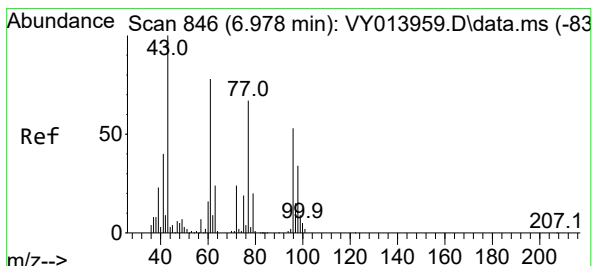
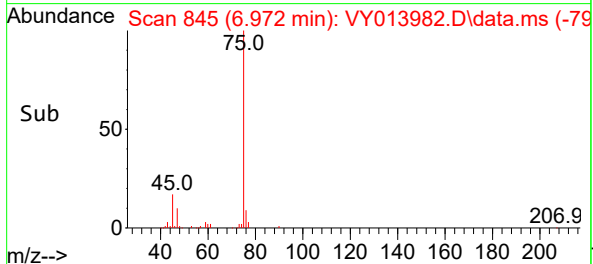
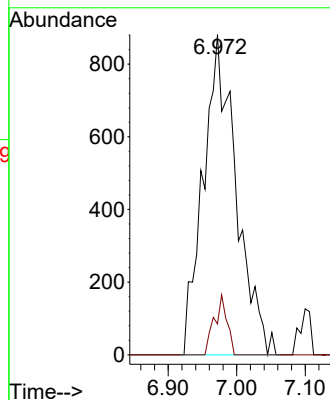
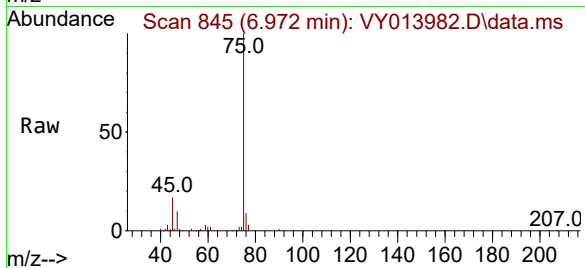
SB05A

Tgt Ion: 43 Resp: 2947

Ion Ratio Lower Upper

43 100

72 9.6 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 1.376 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.012 min

Lab File: VY013982.D

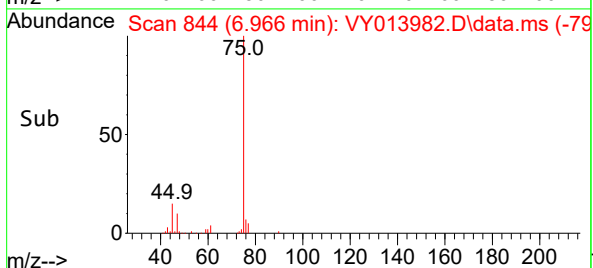
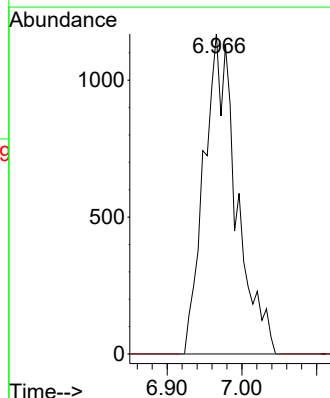
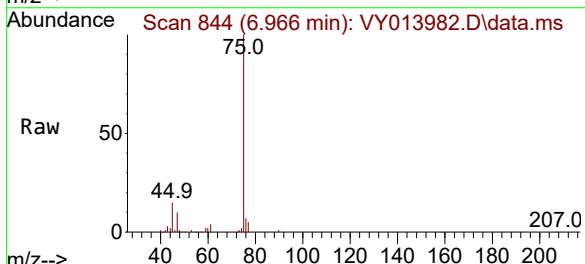
Acq: 02 Jun 2023 12:13

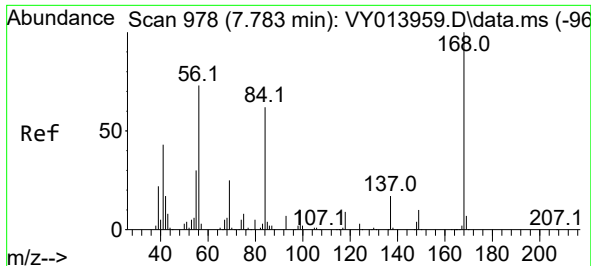
Tgt Ion: 77 Resp: 3537

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#

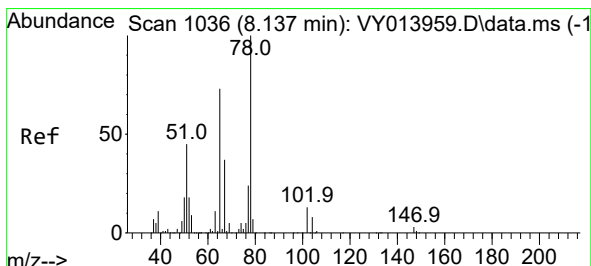
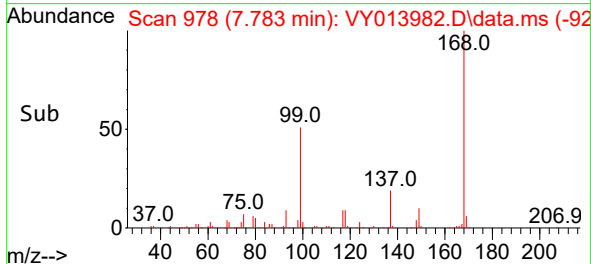
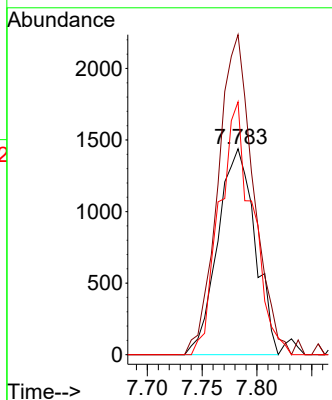
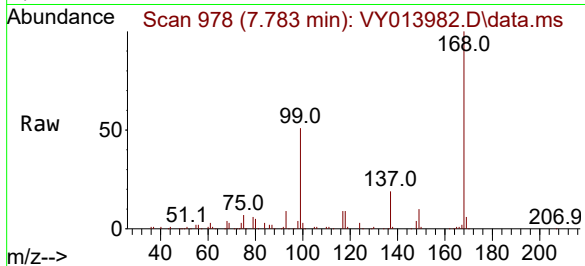




#31
Cyclohexane
Concen: 1.521 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013982.D
Acq: 02 Jun 2023 12:13

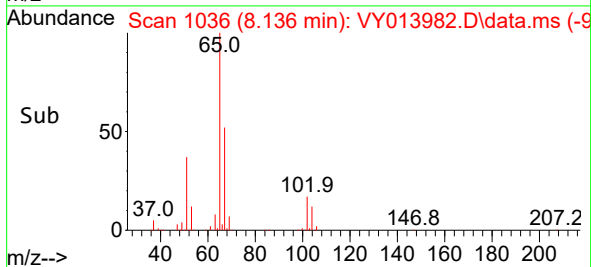
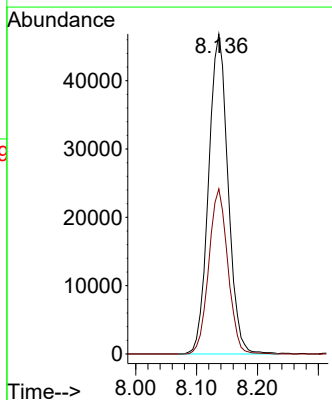
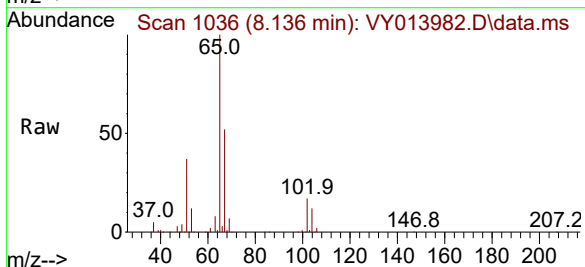
Instrument :
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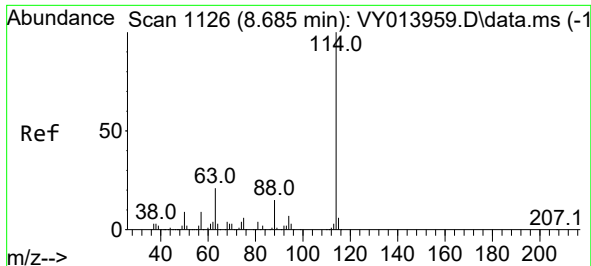
Tgt Ion: 56 Resp: 3404
Ion Ratio Lower Upper
56 100
69 155.4 27.8 41.6#
84 122.7 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 55.866 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013982.D
Acq: 02 Jun 2023 12:13

Tgt Ion: 65 Resp: 103801
Ion Ratio Lower Upper
65 100
67 50.6 0.0 101.8

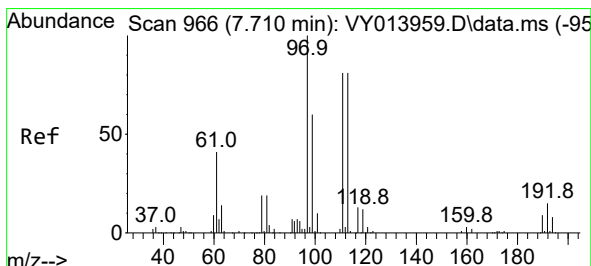
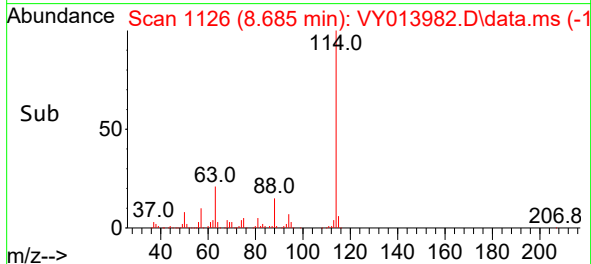
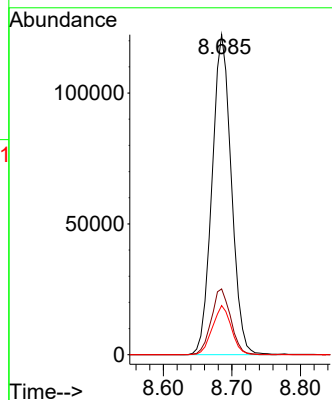
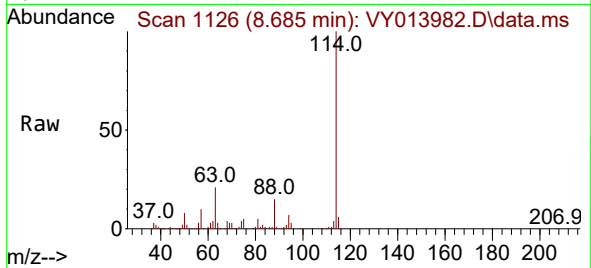




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY013982.D
Acq: 02 Jun 2023 12:13

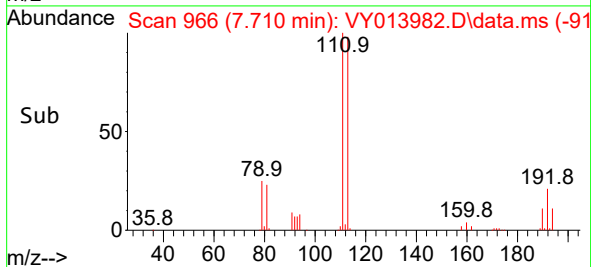
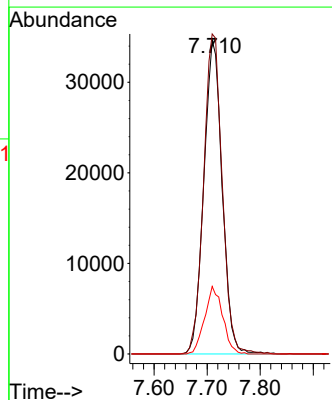
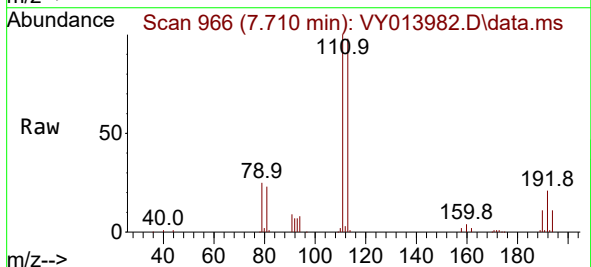
Instrument :
MSVOA_Y
ClientSampleId :
SB05A

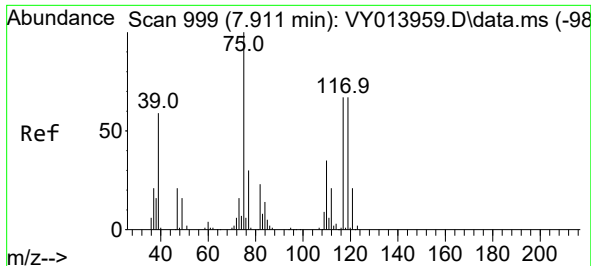
Tgt Ion:114 Resp: 239374
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.4
88 15.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.553 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY013982.D
Acq: 02 Jun 2023 12:13

Tgt Ion:113 Resp: 82989
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 21.2 16.9 25.3

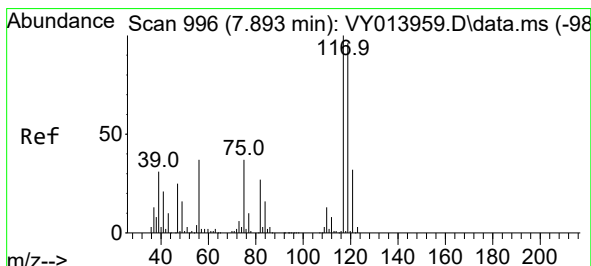
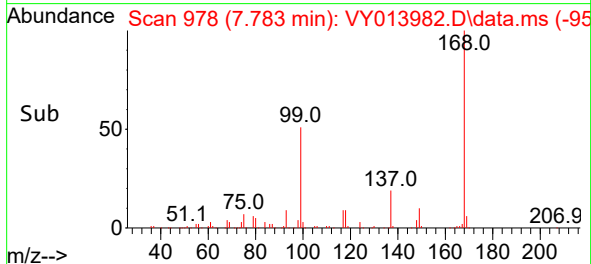
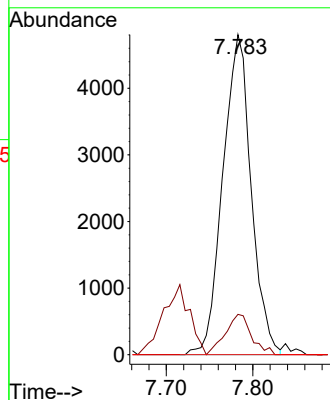
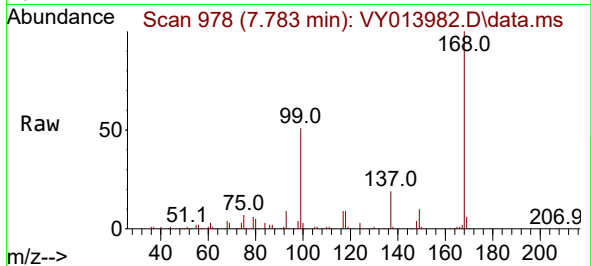




#36
1,1-Dichloropropene
Concen: 5.033 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY013982.D
Acq: 02 Jun 2023 12:13

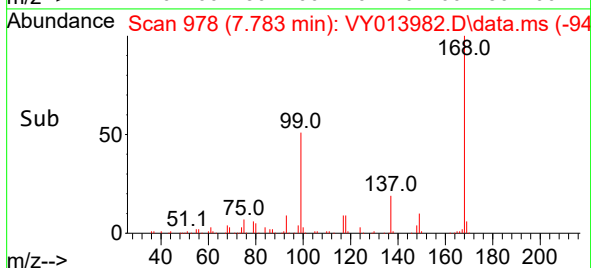
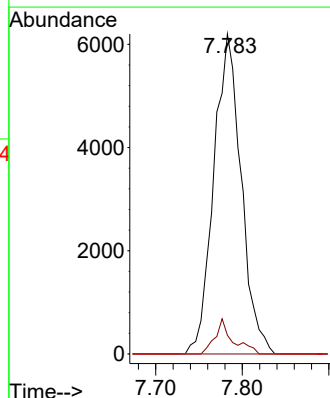
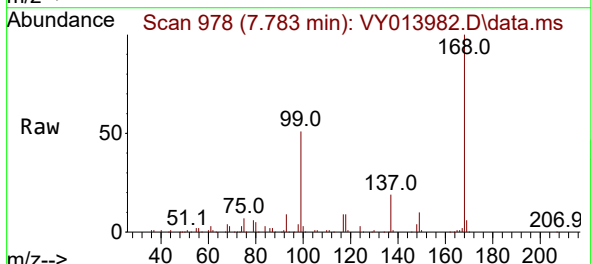
Instrument :
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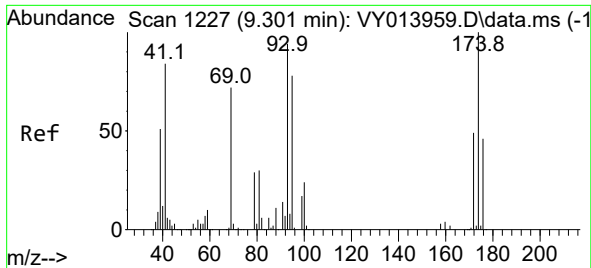
Tgt Ion: 75 Resp: 10909
Ion Ratio Lower Upper
75 100
110 11.6 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.620 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY013982.D
Acq: 02 Jun 2023 12:13

Tgt Ion: 117 Resp: 13648
Ion Ratio Lower Upper
117 100
119 5.9 76.4 114.6#
121 0.0 25.8 38.6#





#49

1,4-Dioxane

Concen: 1.183 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.116 min

Lab File: VY013982.D

Acq: 02 Jun 2023 12:13

Instrument :

MSVOA_Y

ClientSampleId :

SB05A

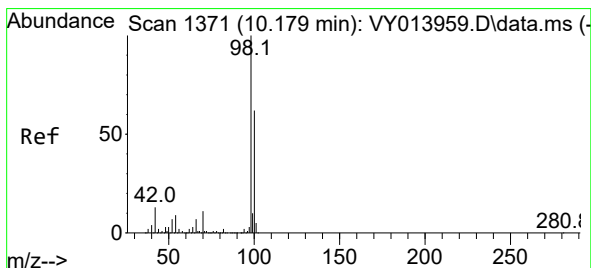
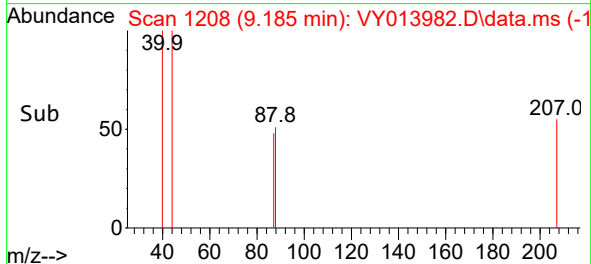
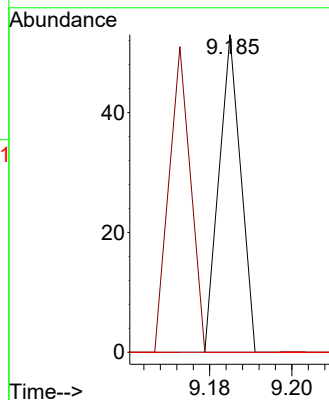
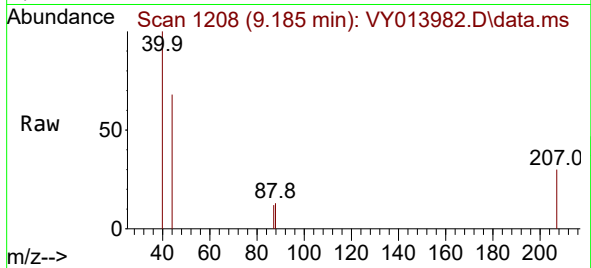
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 100.0 0.0 0.0#

58 0.0 30.9 46.3#



#50

Toluene-d8

Concen: 50.848 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY013982.D

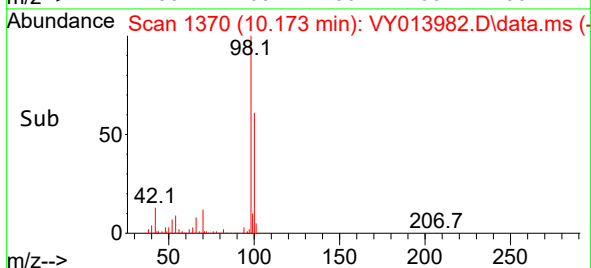
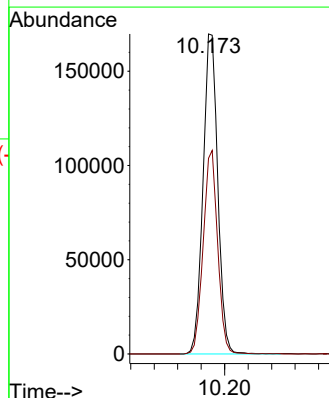
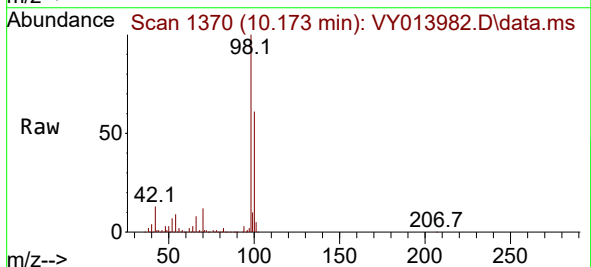
Acq: 02 Jun 2023 12:13

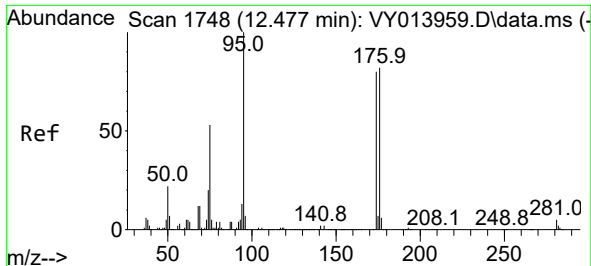
Tgt Ion: 98 Resp: 295056

Ion Ratio Lower Upper

98 100

100 62.4 50.1 75.1

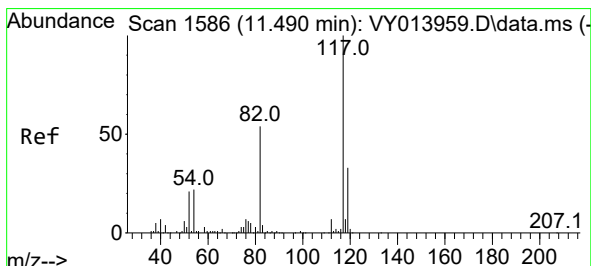
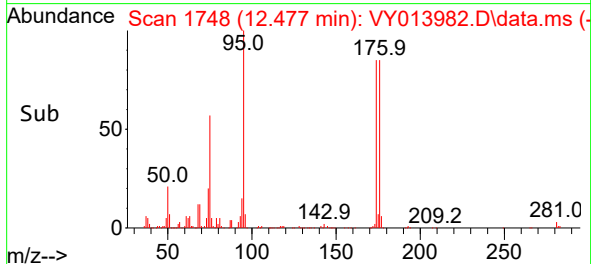
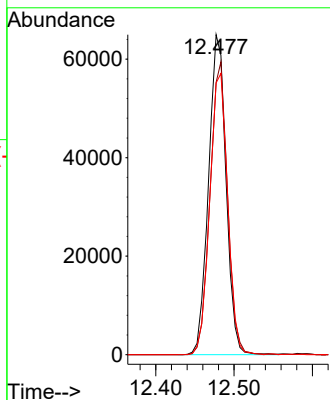
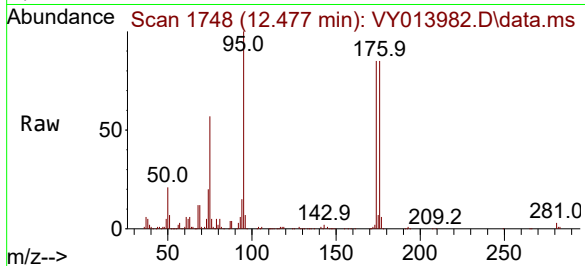




#62
4-Bromofluorobenzene
Concen: 51.063 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013982.D
Acq: 02 Jun 2023 12:13

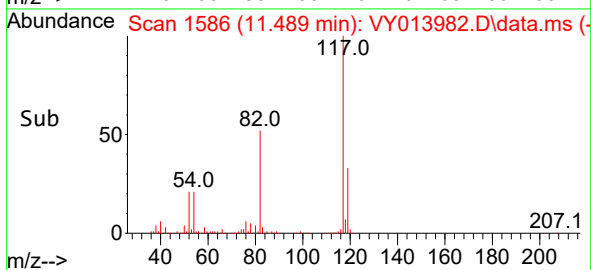
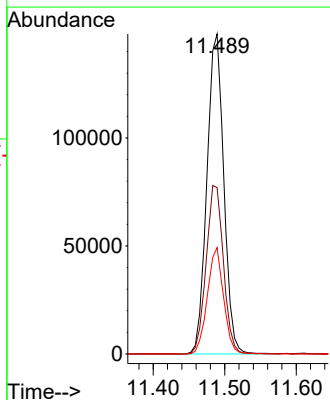
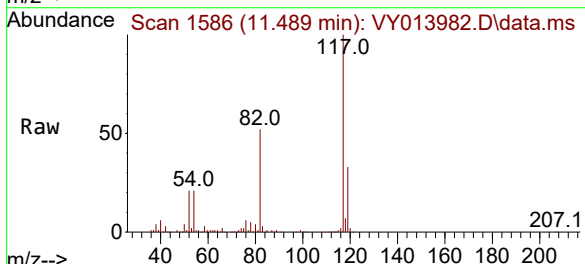
Instrument :
MSVOA_Y
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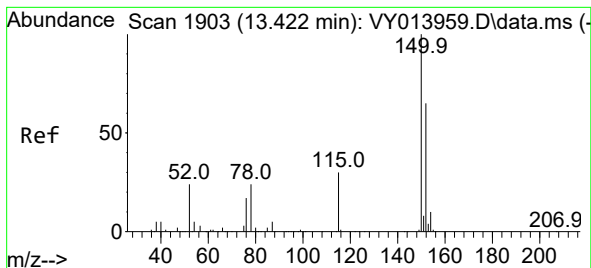
Tgt Ion: 95 Resp: 101015
Ion Ratio Lower Upper
95 100
174 91.3 0.0 178.2
176 90.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013982.D
Acq: 02 Jun 2023 12:13

Tgt Ion: 117 Resp: 242910
Ion Ratio Lower Upper
117 100
82 52.0 43.4 65.0
119 33.2 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY013982.D

Acq: 02 Jun 2023 12:13

Instrument :

MSVOA_Y

ClientSampleId :

SB05A

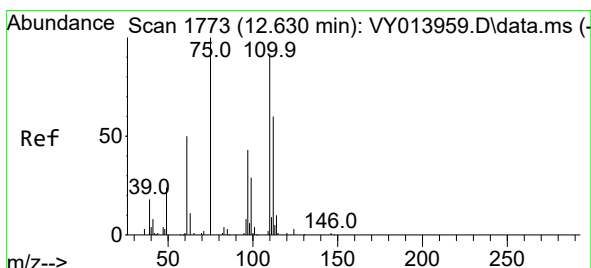
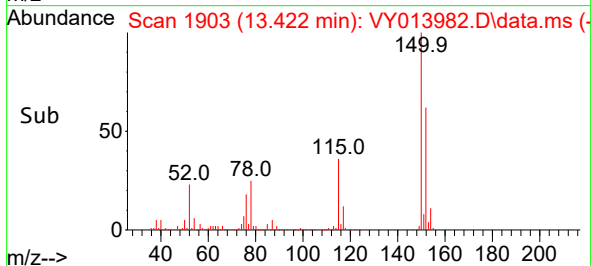
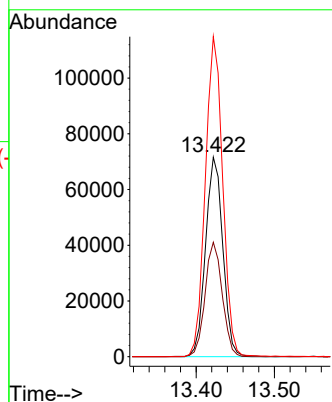
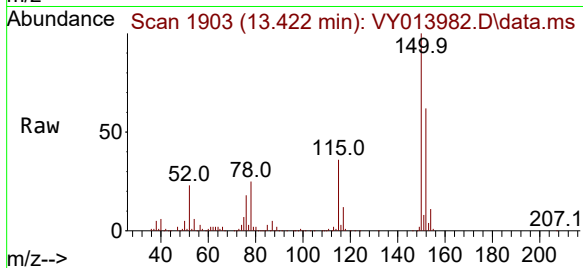
Tgt Ion:152 Resp: 109486

Ion Ratio Lower Upper

152 100

115 57.1 28.8 86.5

150 161.5 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 37.889 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY013982.D

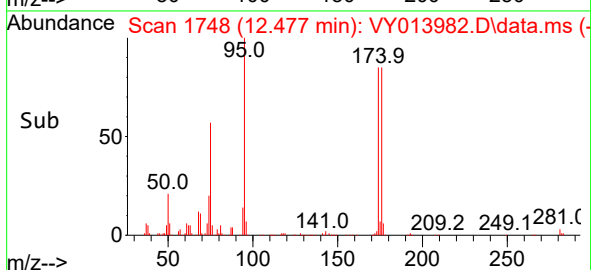
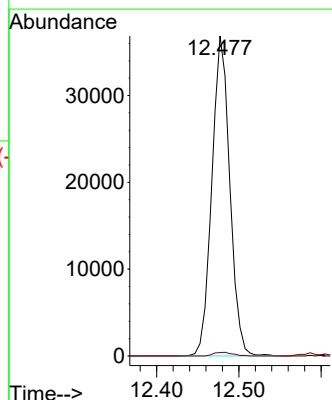
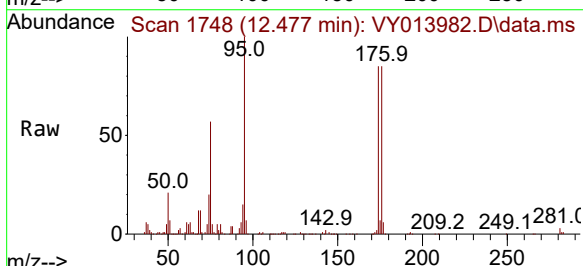
Acq: 02 Jun 2023 12:13

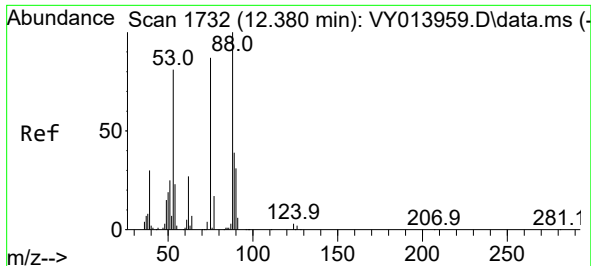
Tgt Ion: 75 Resp: 55823

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#

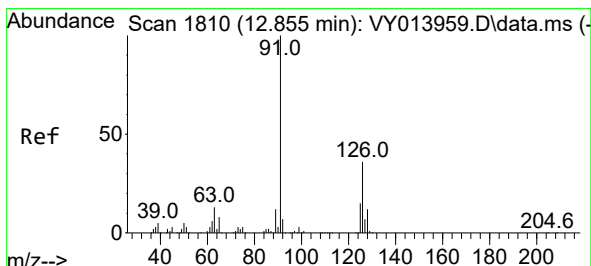
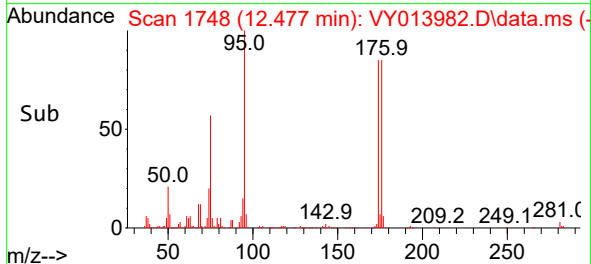
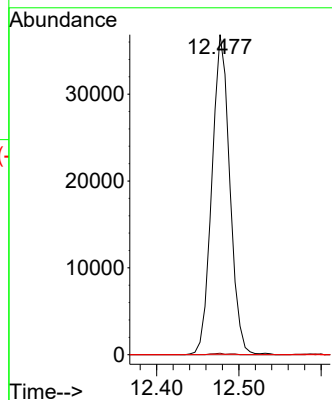
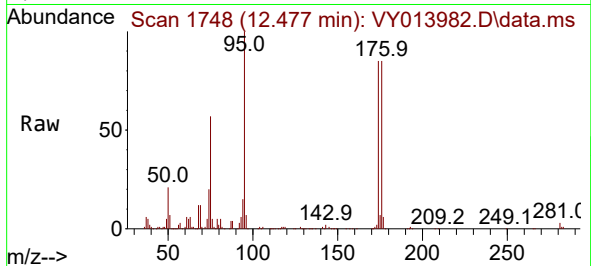




#81
trans-1,4-Dichloro-2-butene
Concen: 80.381 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY013982.D
Acq: 02 Jun 2023 12:13

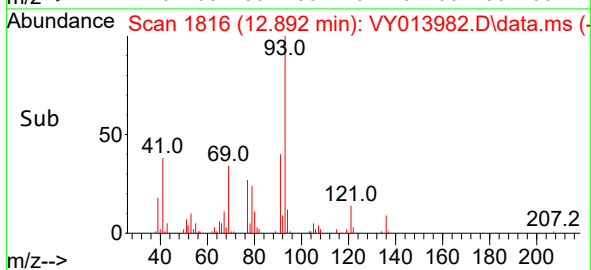
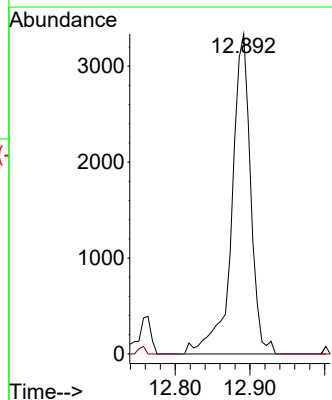
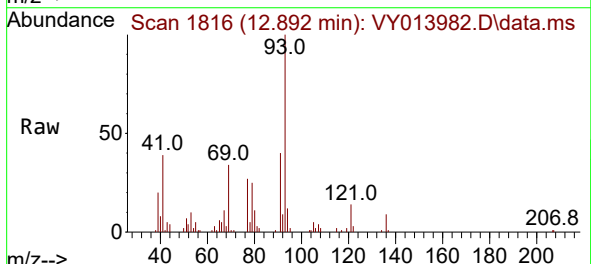
Instrument :
MSVOA_Y
ClientSampleId :
SB05A

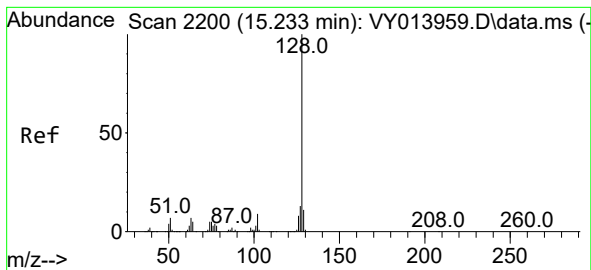
Tgt Ion: 75 Resp: 55823
Ion Ratio Lower Upper
75 100
53 0.4 77.8 116.8#
89 0.0 37.4 56.0#



#82
4-Chlorotoluene
Concen: 1.064 ug/l
RT: 12.892 min Scan# 1816
Delta R.T. 0.036 min
Lab File: VY013982.D
Acq: 02 Jun 2023 12:13

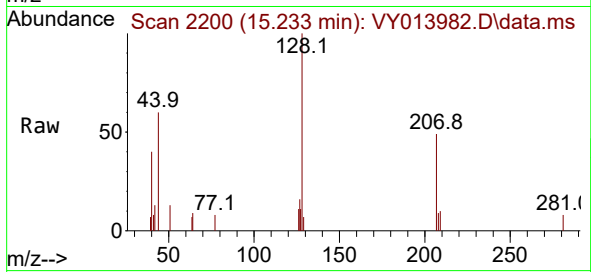
Tgt Ion: 91 Resp: 5867
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#





#95
Naphthalene
Concen: 4.188 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY013982.D
Acq: 02 Jun 2023 12:13

Instrument :
MSVOA_Y
ClientSampleId :
SB05A



Tgt Ion:	128	Resp:	1705
Ion	Ratio	Lower	Upper
128	100		
127	14.9	10.8	16.2
129	10.4	8.6	13.0

