

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031523\
 Data File : VY012956.D
 Acq On : 15 Mar 2023 15:45
 Operator : KP/MD
 Sample : 01936-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-03152023

Quant Time: Mar 16 00:19:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

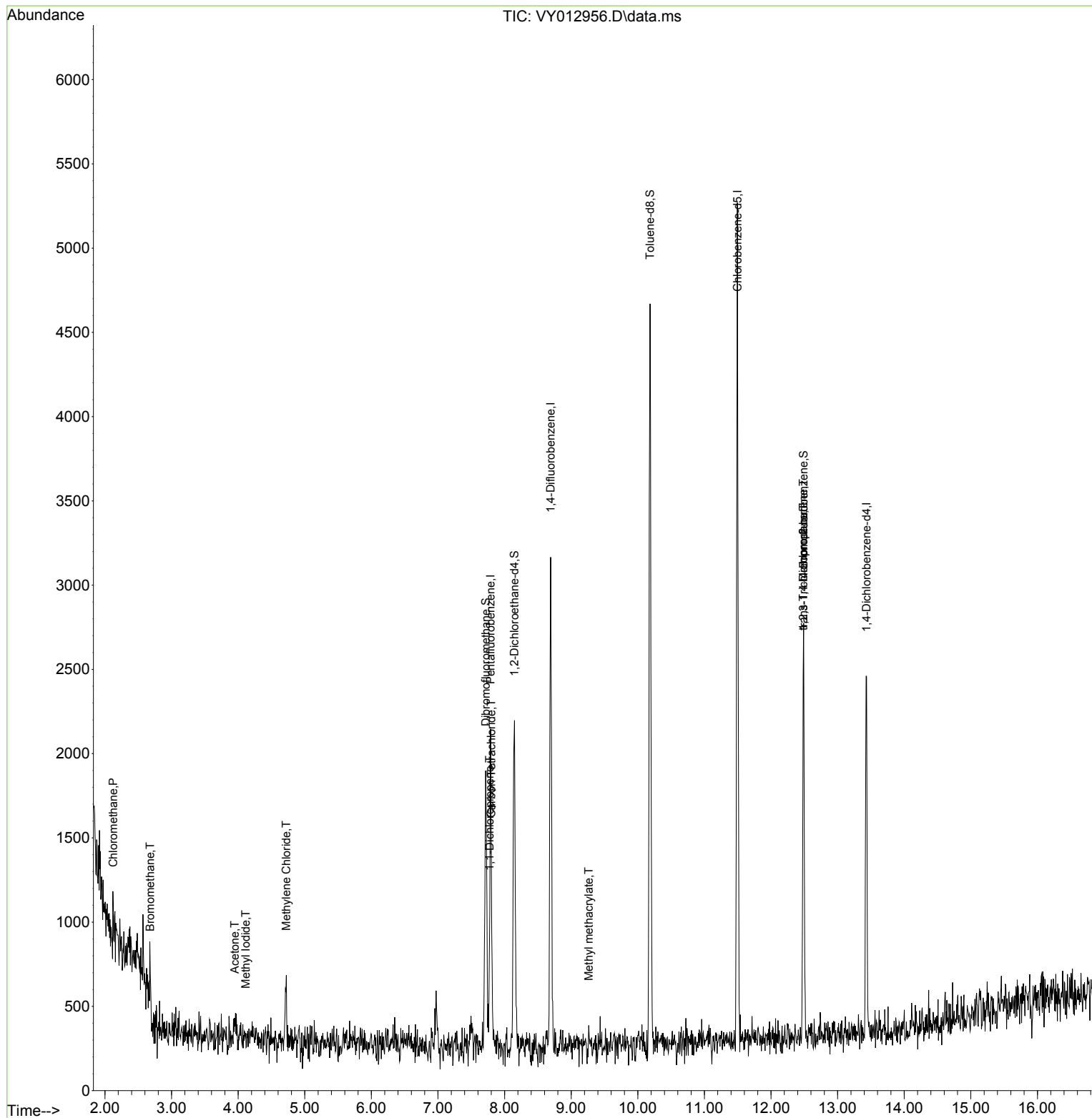
Internal Standards						
1) Pentafluorobenzene	7.789	168	1727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	3042	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	2889	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	724	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	1650	96.227	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 192.460%#	
35) Dibromofluoromethane	7.716	113	1239	67.489	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 134.980%	
50) Toluene-d8	10.185	98	3501	52.164	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.320%	
62) 4-Bromofluorobenzene	12.489	95	829	36.596	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 73.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.125	50	140	6.880	ug/l #	42
5) Bromomethane	2.680	94	114	10.054	ug/l #	1
10) Methyl Iodide	4.113	142	90	3.704	ug/l #	40
16) Acetone	3.948	43	308	45.763	ug/l #	44
20) Methylene Chloride	4.722	84	156	2.491	ug/l #	29
36) 1,1-Dichloropropene	7.777	75	60	1.950	ug/l #	41
38) Carbon Tetrachloride	7.801	117	71	2.235	ug/l #	12
48) Methyl methacrylate	9.264	41	20	1.255	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	355	41.061	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	355	85.079	ug/l #	13

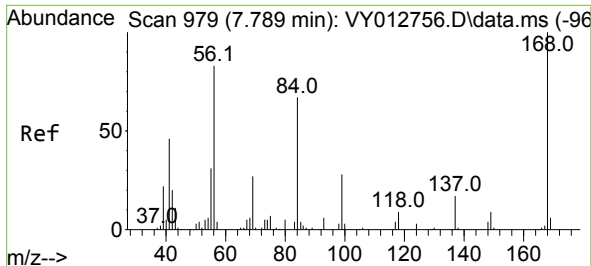
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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OR-03-03152023

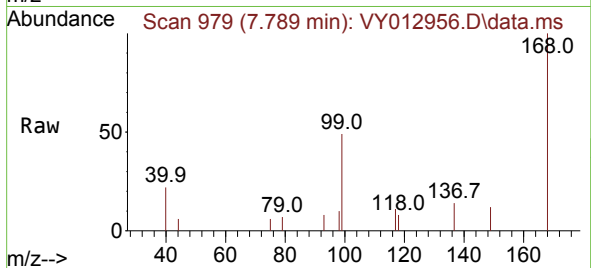
Quant Time: Mar 16 00:19:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration



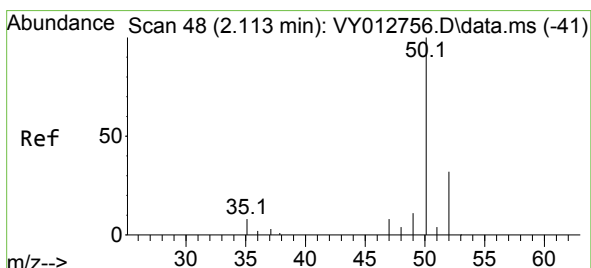
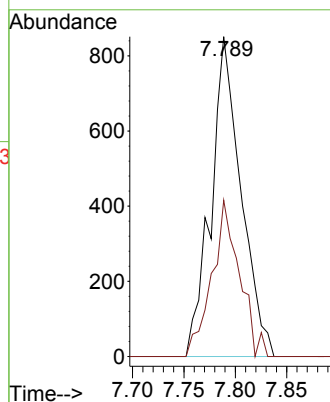
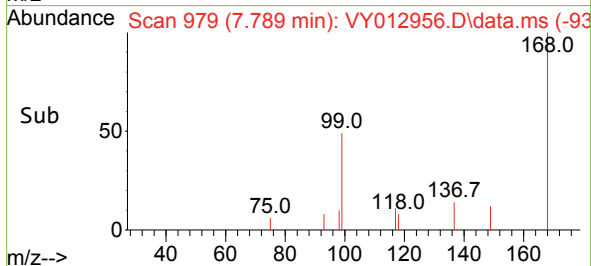


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012956.D
Acq: 15 Mar 2023 15:45

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-03152023

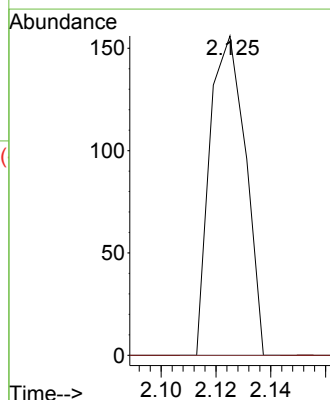
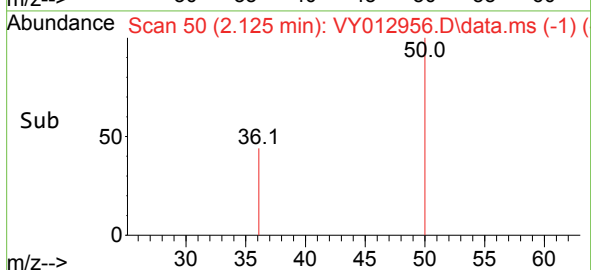
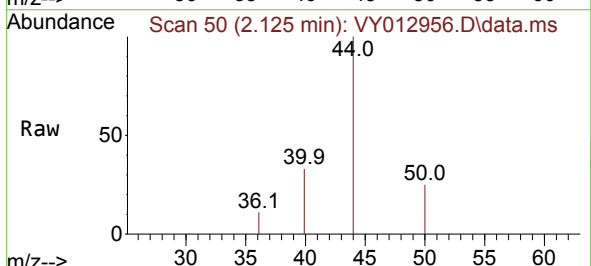


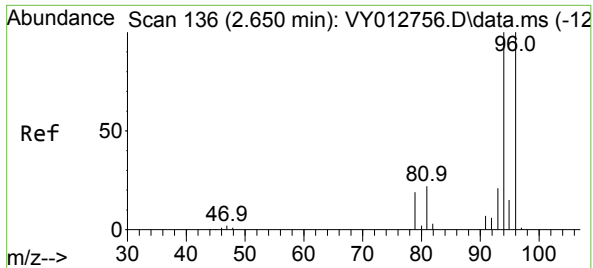
Tgt Ion:168 Resp: 1727
Ion Ratio Lower Upper
168 100
99 48.9 41.7 62.5



#3
Chloromethane
Concen: 6.880 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY012956.D
Acq: 15 Mar 2023 15:45

Tgt Ion: 50 Resp: 140
Ion Ratio Lower Upper
50 100
52 0.0 26.0 39.0#

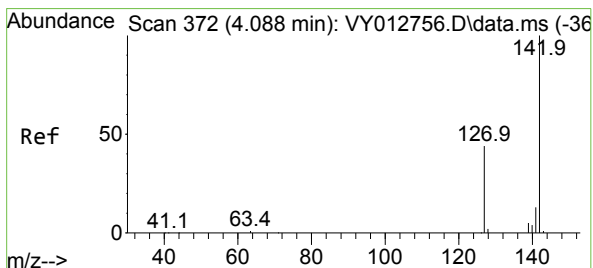
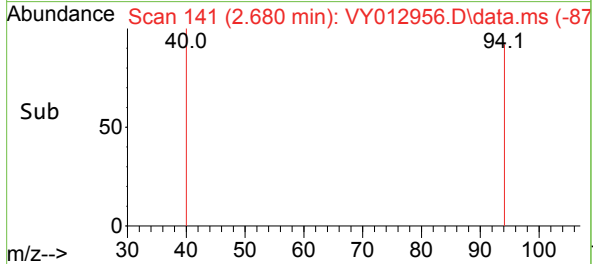
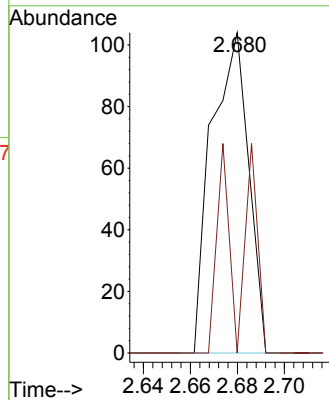
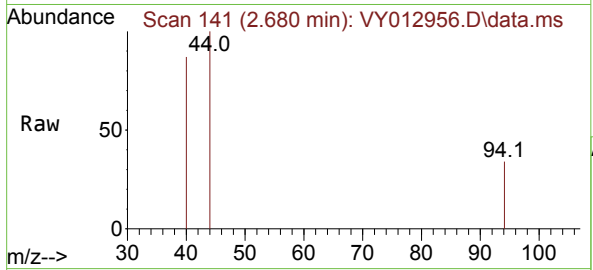




#5
Bromomethane
Concen: 10.054 ug/l
RT: 2.680 min Scan# 141
Delta R.T. 0.030 min
Lab File: VY012956.D
Acq: 15 Mar 2023 15:45

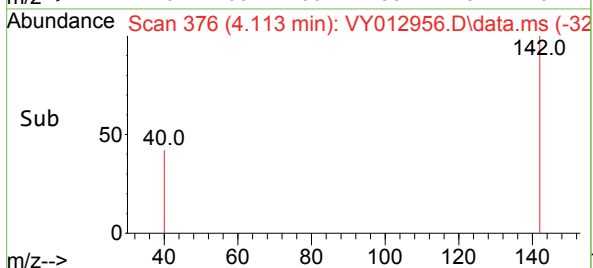
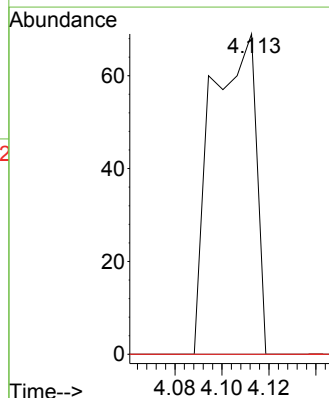
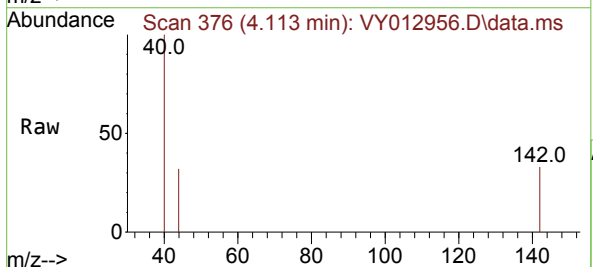
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-03152023

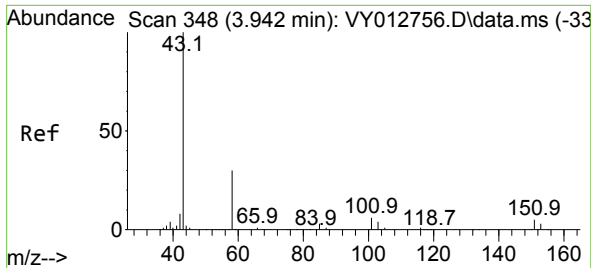
Tgt Ion: 94 Resp: 114
Ion Ratio Lower Upper
94 100
96 0.0 80.3 120.5#



#10
Methyl Iodide
Concen: 3.704 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.025 min
Lab File: VY012956.D
Acq: 15 Mar 2023 15:45

Tgt Ion:142 Resp: 90
Ion Ratio Lower Upper
142 100
127 0.0 35.4 53.2#
141 0.0 11.3 16.9#

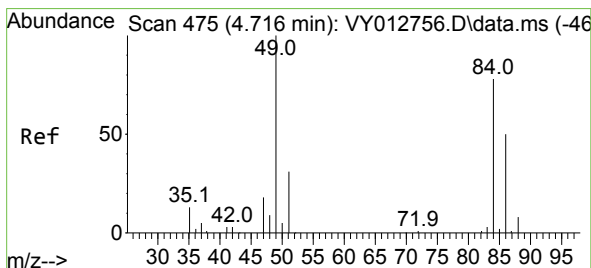
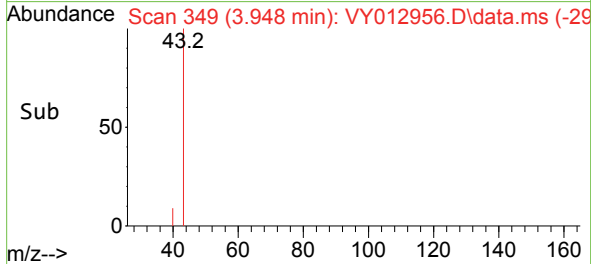
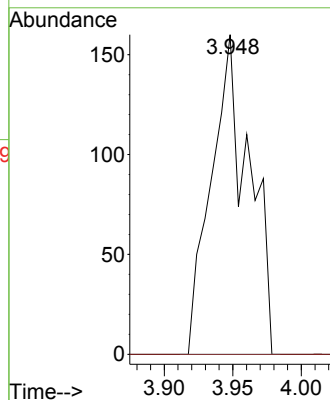
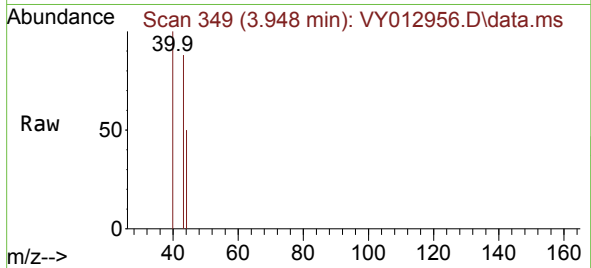




#16
Acetone
Concen: 45.763 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY012956.D
Acq: 15 Mar 2023 15:45

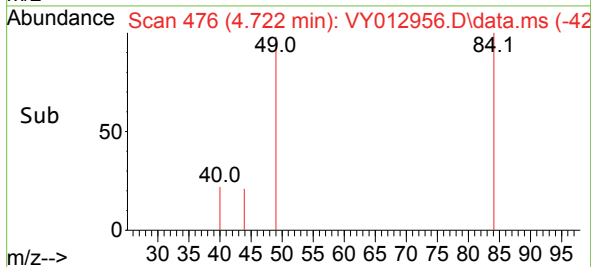
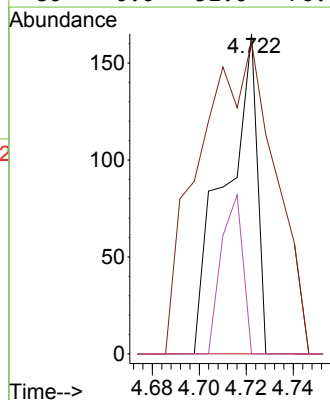
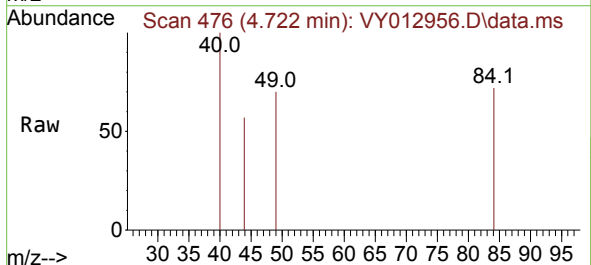
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-03152023

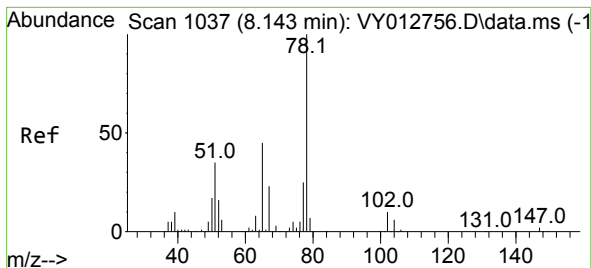
Tgt Ion: 43 Resp: 308
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#



#20
Methylene Chloride
Concen: 2.491 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY012956.D
Acq: 15 Mar 2023 15:45

Tgt Ion: 84 Resp: 156
Ion Ratio Lower Upper
84 100
49 49.1 102.6 154.0#
51 0.0 31.9 47.9#
86 0.0 51.0 76.6#





#33

1,2-Dichloroethane-d4

Concen: 96.227 ug/l

RT: 8.148 min Scan# 1037

Delta R.T. 0.005 min

Lab File: VY012956.D

Acq: 15 Mar 2023 15:45

Instrument :

MSVOA_Y

ClientSampleId :

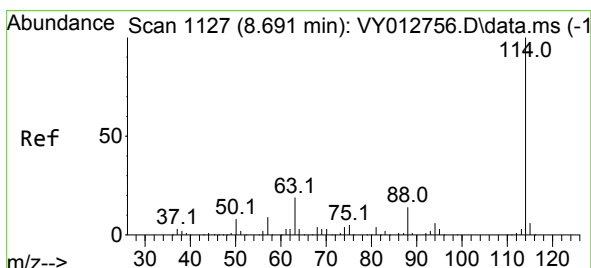
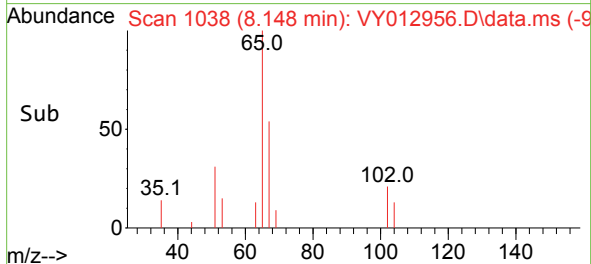
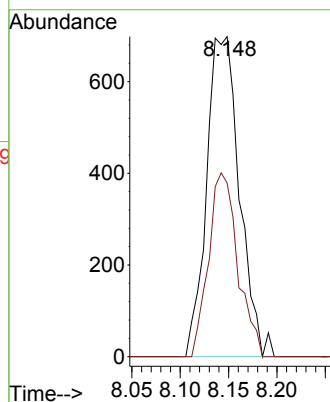
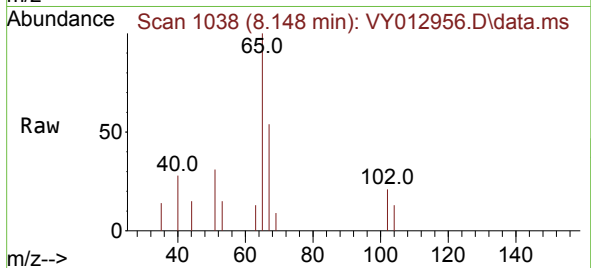
OR-03-03152023

Tgt Ion: 65 Resp: 1650

Ion Ratio Lower Upper

65 100

67 51.0 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012956.D

Acq: 15 Mar 2023 15:45

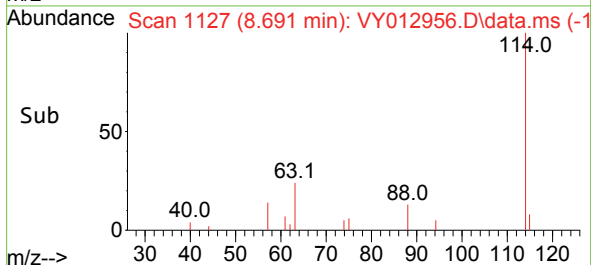
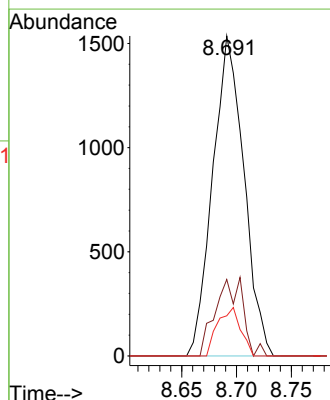
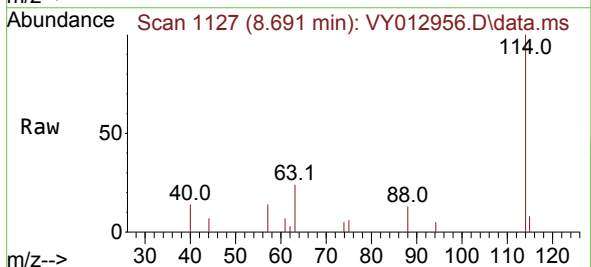
Tgt Ion: 114 Resp: 3042

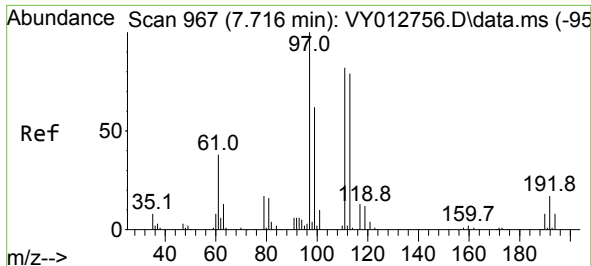
Ion Ratio Lower Upper

114 100

63 23.9 0.0 37.4

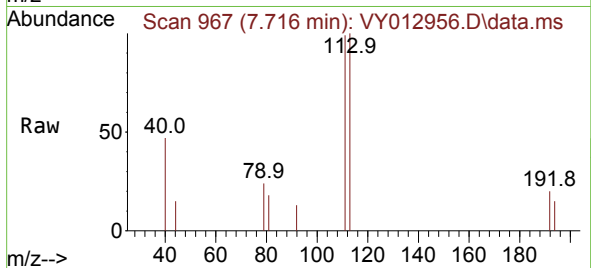
88 12.6 0.0 28.6



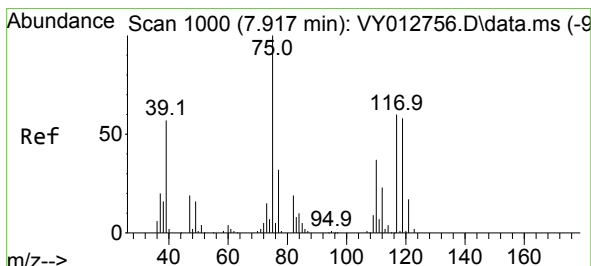
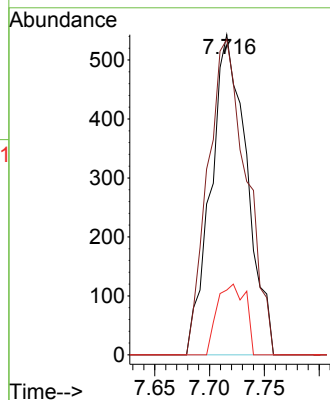
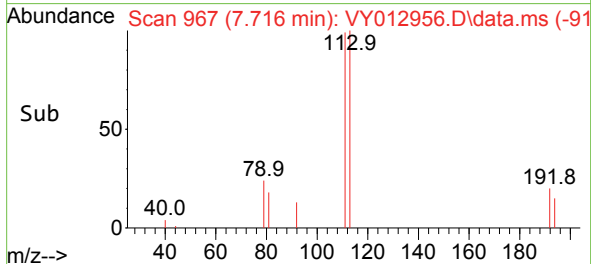


#35
Dibromofluoromethane
Concen: 67.489 ug/l
RT: 7.716 min Scan# 912
Delta R.T. -0.000 min
Lab File: VY012956.D
Acq: 15 Mar 2023 15:45

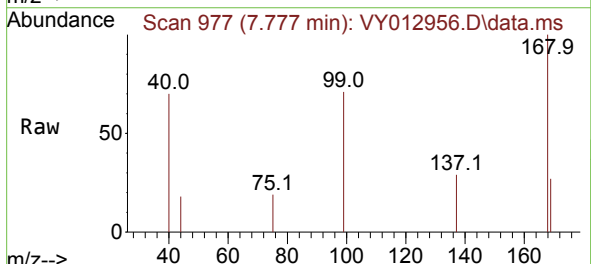
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-03152023



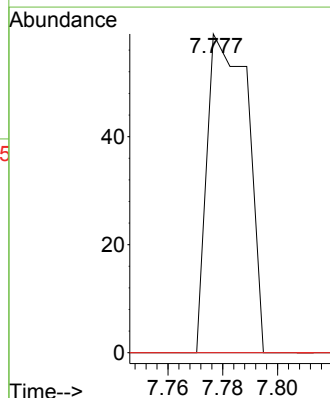
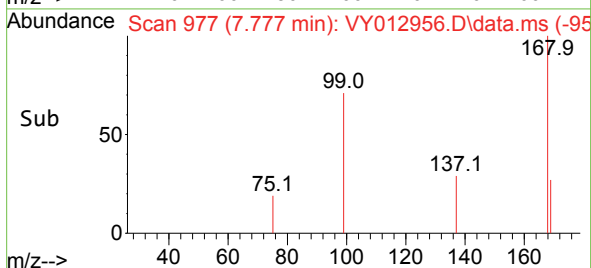
Tgt Ion:	113	Resp:	1239
Ion	Ratio	Lower	Upper
113	100		
111	105.8	82.2	123.2
192	17.4	16.8	25.2

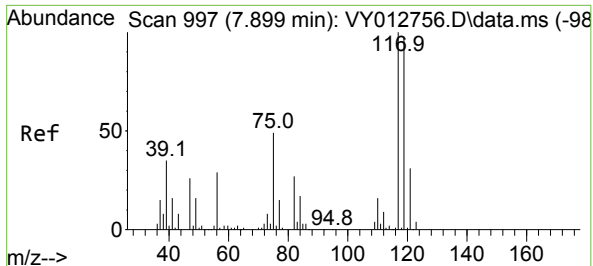


#36
1,1-Dichloropropene
Concen: 1.950 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.140 min
Lab File: VY012956.D
Acq: 15 Mar 2023 15:45



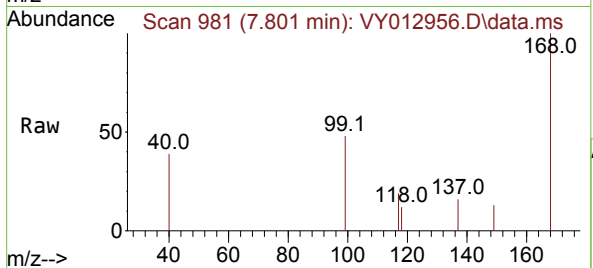
Tgt Ion:	75	Resp:	60
Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.8	53.3#
77	0.0	25.0	37.4#



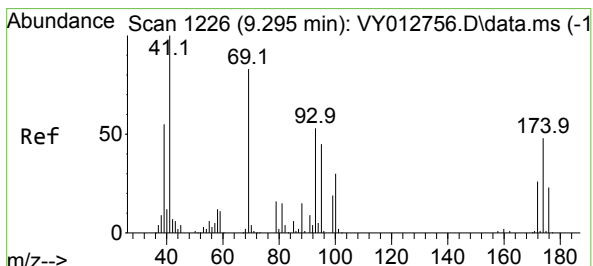
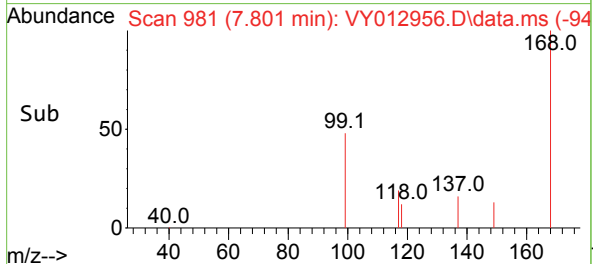
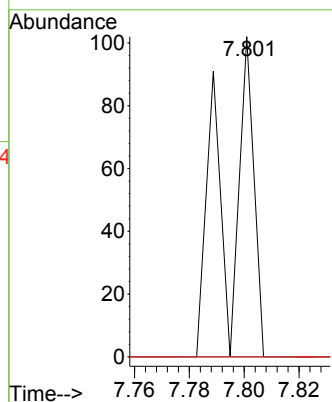


#38
Carbon Tetrachloride
Concen: 2.235 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.098 min
Lab File: VY012956.D
Acq: 15 Mar 2023 15:45

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-03152023

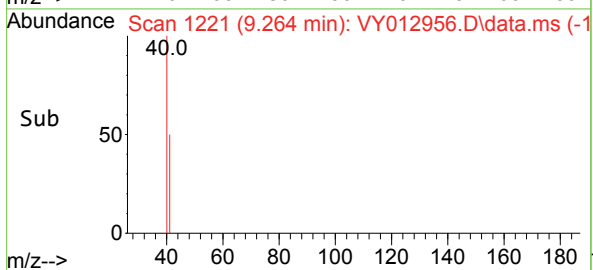
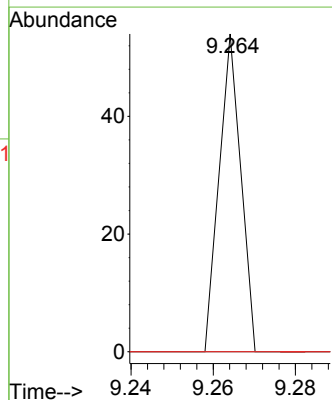
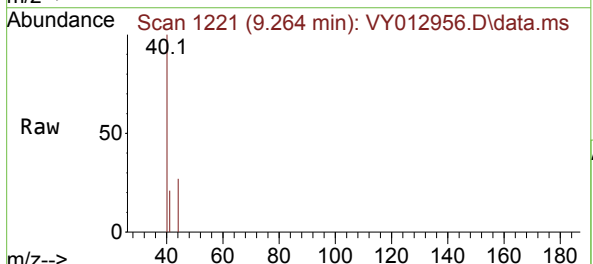


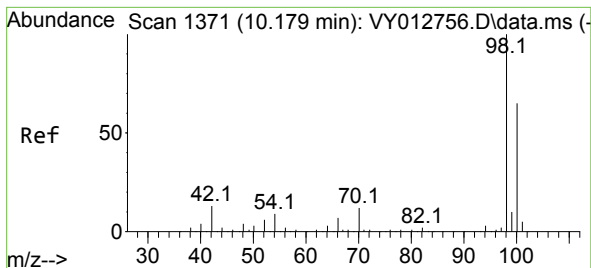
Tgt Ion:117 Resp: 71
Ion Ratio Lower Upper
117 100
119 0.0 77.2 115.8#
121 0.0 24.7 37.1#



#48
Methyl methacrylate
Concen: 1.255 ug/l
RT: 9.264 min Scan# 1221
Delta R.T. -0.031 min
Lab File: VY012956.D
Acq: 15 Mar 2023 15:45

Tgt Ion: 41 Resp: 20
Ion Ratio Lower Upper
41 100
69 0.0 64.1 96.1#
39 0.0 44.0 66.0#





#50

Toluene-d8

Concen: 52.164 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012956.D

Acq: 15 Mar 2023 15:45

Instrument :

MSVOA_Y

ClientSampleId :

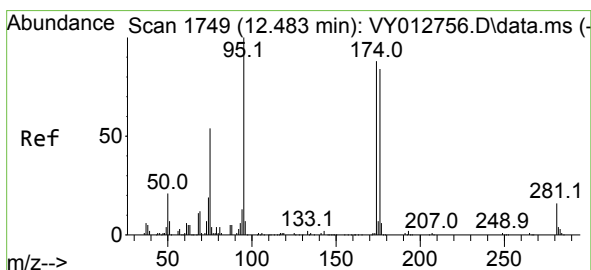
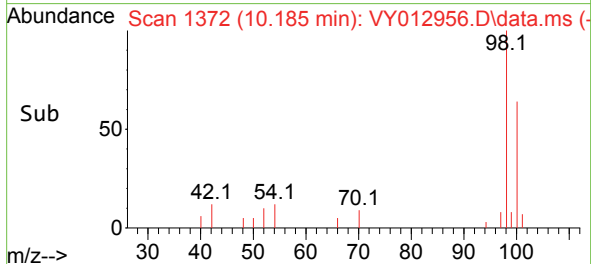
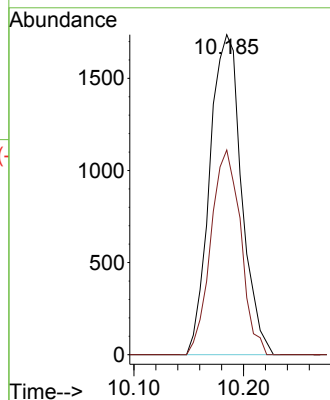
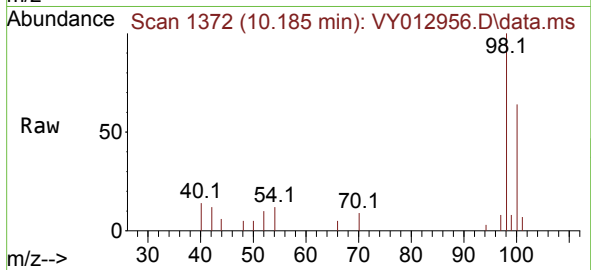
OR-03-03152023

Tgt Ion: 98 Resp: 3501

Ion Ratio Lower Upper

98 100

100 60.1 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 36.596 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VY012956.D

Acq: 15 Mar 2023 15:45

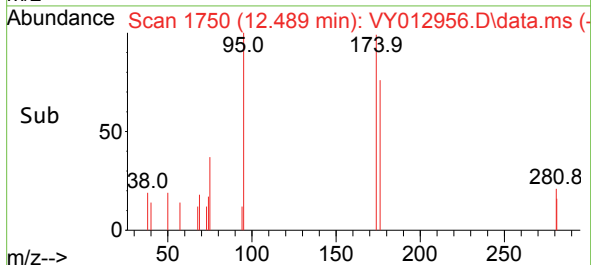
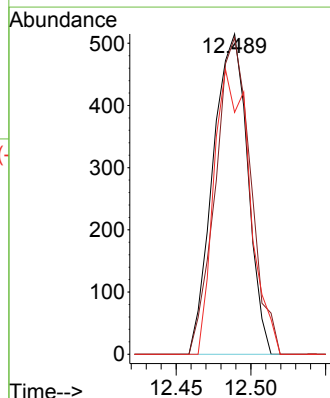
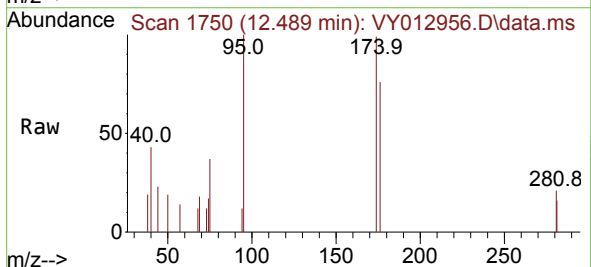
Tgt Ion: 95 Resp: 829

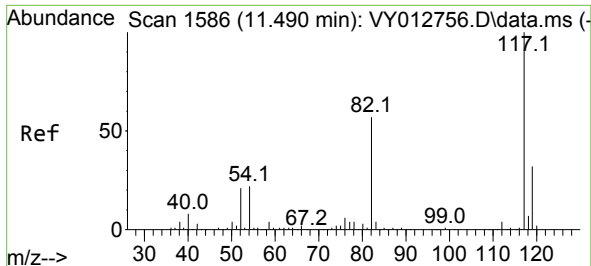
Ion Ratio Lower Upper

95 100

174 100.5 0.0 176.6

176 91.6 0.0 170.2

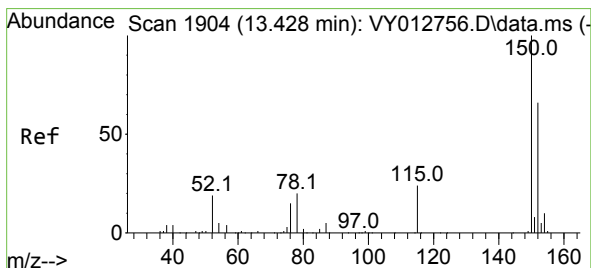
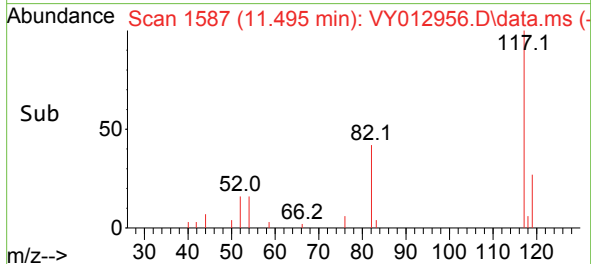
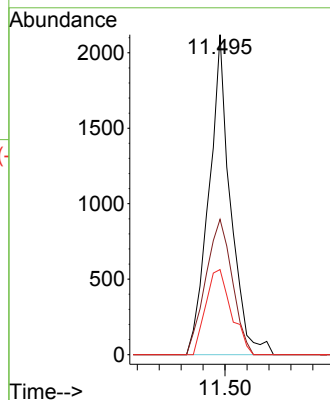
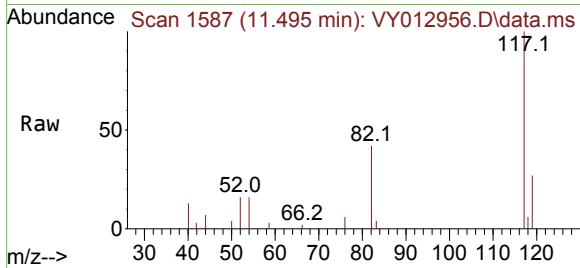




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY012956.D
Acq: 15 Mar 2023 15:45

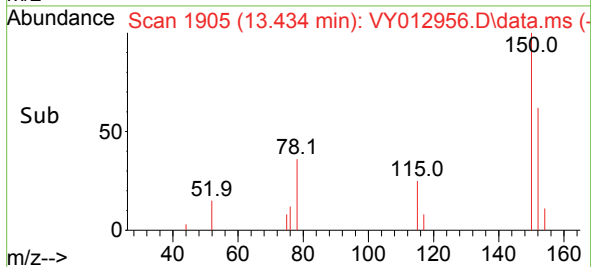
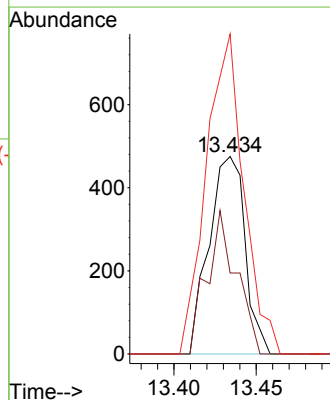
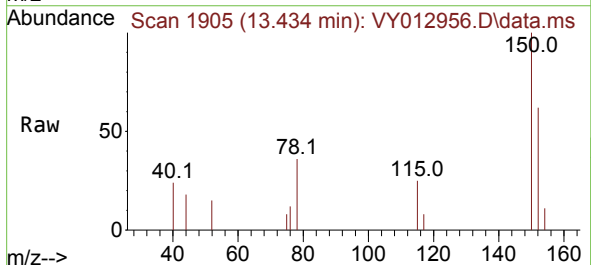
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MSVOA_Y
ClientSampleId :
OR-03-03152023

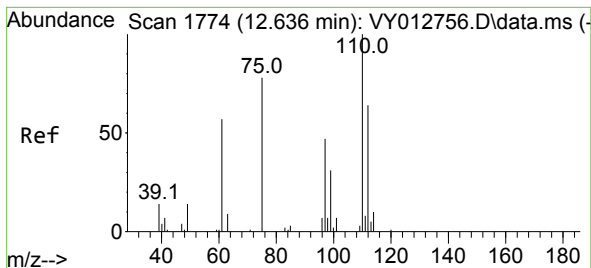
Tgt Ion:117 Resp: 2889
Ion Ratio Lower Upper
117 100
82 42.3 45.4 68.0#
119 26.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY012956.D
Acq: 15 Mar 2023 15:45

Tgt Ion:152 Resp: 724
Ion Ratio Lower Upper
152 100
115 59.5 27.1 81.3
150 168.5 0.0 347.8





#76

1,2,3-Trichloropropane

Concen: 41.061 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.153 min

Lab File: VY012956.D

Acq: 15 Mar 2023 15:45

Instrument :

MSVOA_Y

ClientSampleId :

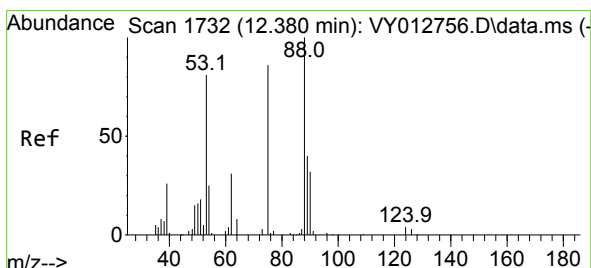
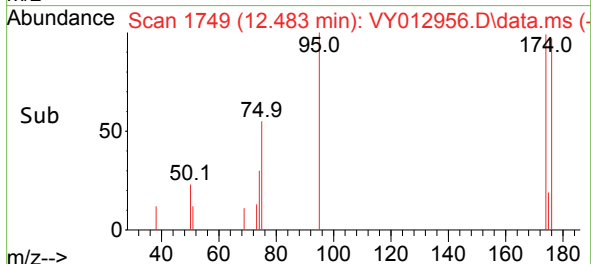
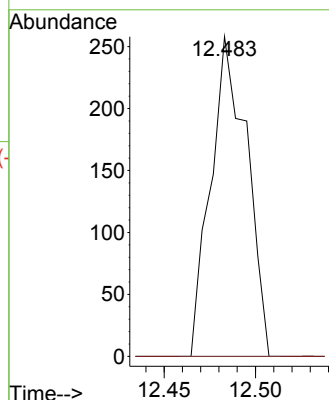
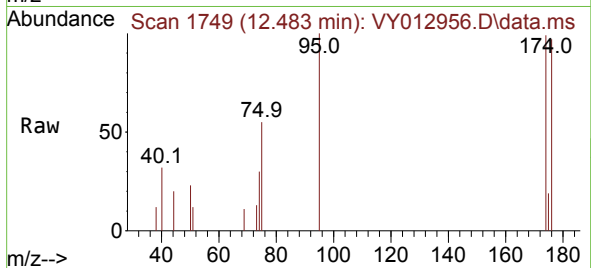
OR-03-03152023

Tgt Ion: 75 Resp: 355

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#81

trans-1,4-Dichloro-2-butene

Concen: 85.079 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.103 min

Lab File: VY012956.D

Acq: 15 Mar 2023 15:45

Tgt Ion: 75 Resp: 355

Ion Ratio Lower Upper

75 100

53 0.0 73.4 110.0#

89 0.0 36.6 55.0#

