

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
 Data File : VY015111.D
 Acq On : 15 Aug 2023 18:16
 Operator : SY/MD
 Sample : 04016-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 16 02:07:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

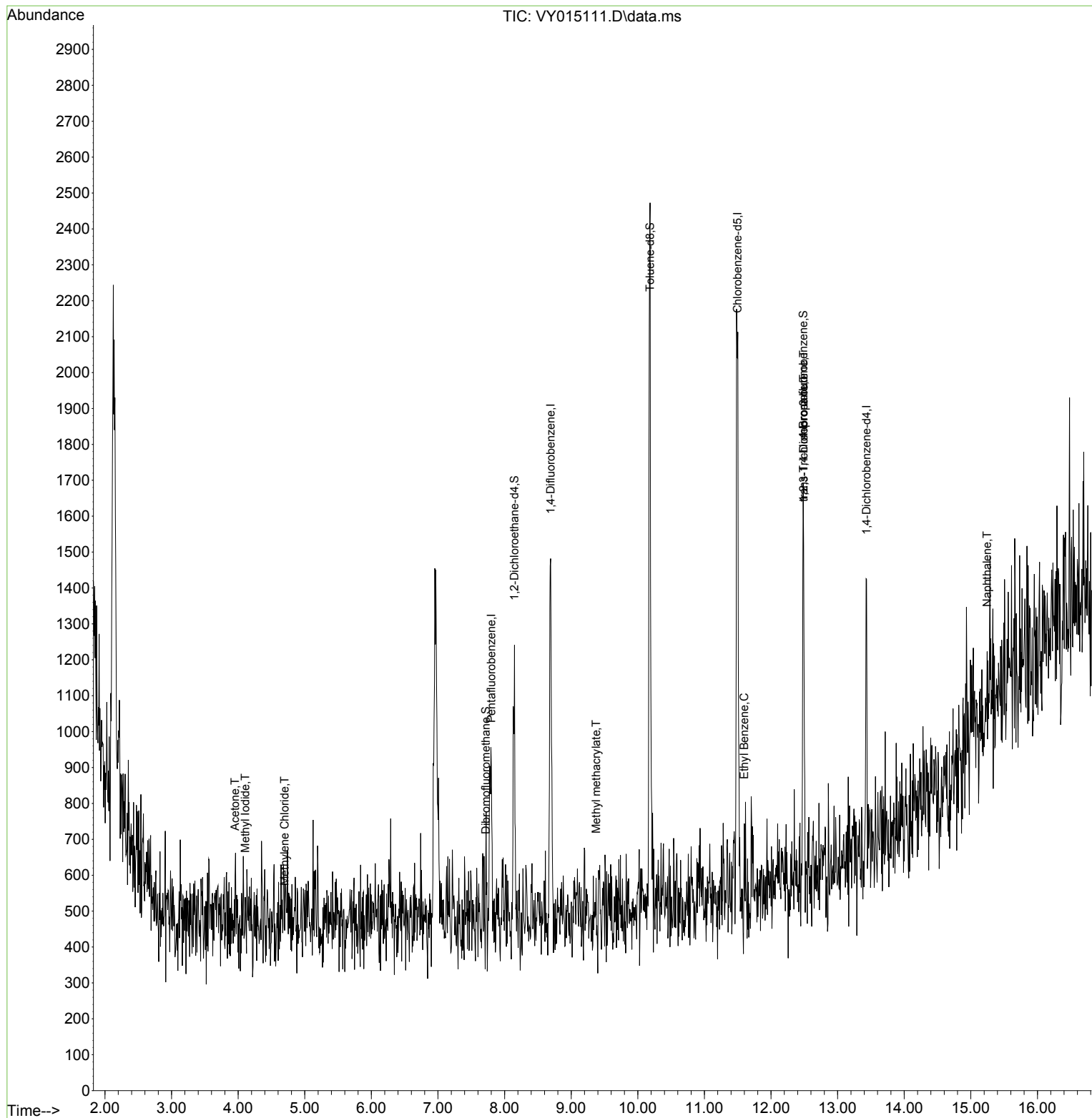
Internal Standards						
1) Pentafluorobenzene	7.801	168	402	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.691	114	1436	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	1362	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	246	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	581	120.399	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 240.800%#	
35) Dibromofluoromethane	7.716	113	119	12.881	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 25.760%#	
50) Toluene-d8	10.185	98	1704	49.549	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.100%	
62) 4-Bromofluorobenzene	12.483	95	493	39.249	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 78.500%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.107	142	42	12.768	ug/l #	38
16) Acetone	3.954	43	46	29.179	ug/l #	46
20) Methylene Chloride	4.698	84	53	10.619	ug/l #	4
48) Methyl methacrylate	9.374	41	23	3.099	ug/l #	13
67) Ethyl Benzene	11.599	91	67	1.541	ug/l #	44
76) 1,2,3-Trichloropropane	12.489	75	235	78.629	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	235	172.707	ug/l #	10
95) Naphthalene	15.245	128	154	13.478	ug/l #	69

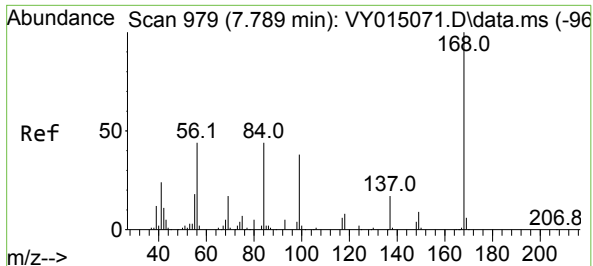
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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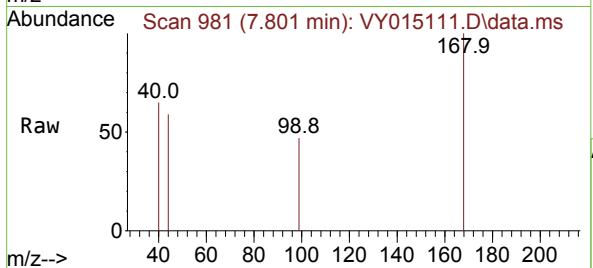
Quant Time: Aug 16 02:07:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 2023
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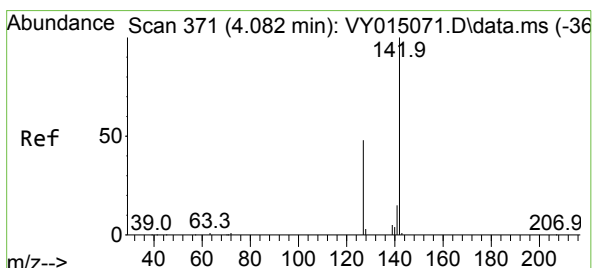
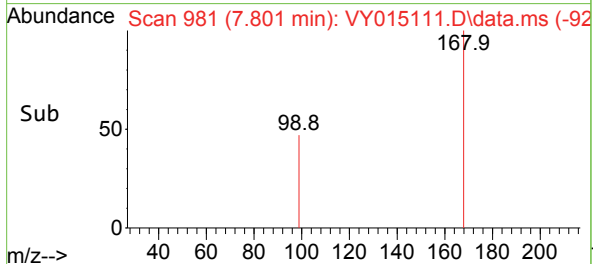
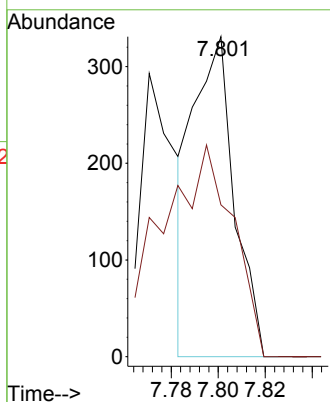


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY015111.D
Acq: 15 Aug 2023 18:16

Instrument :
MSVOA_Y
ClientSampleId :

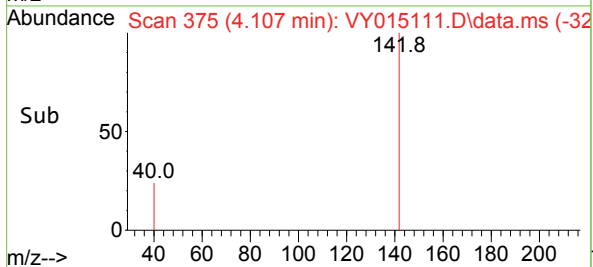
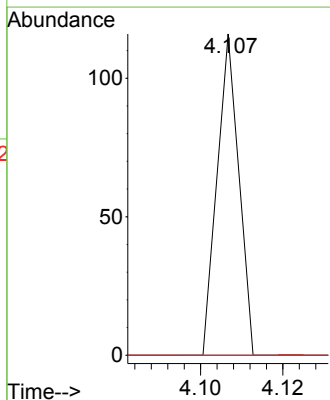
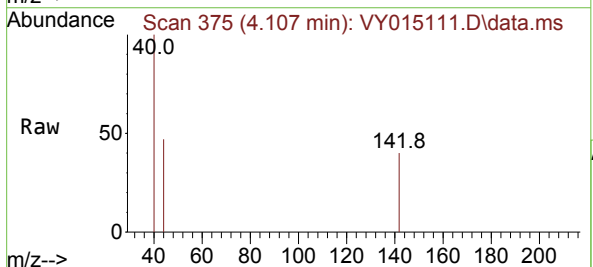


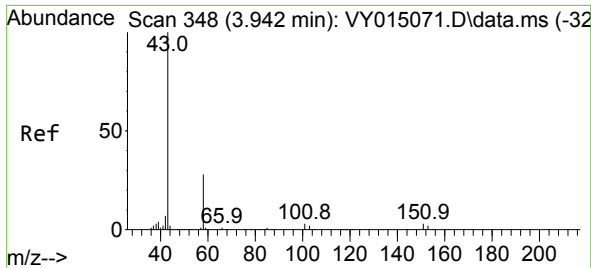
Tgt Ion:168 Resp: 402
Ion Ratio Lower Upper
168 100
99 47.4 43.4 65.0



#10
Methyl Iodide
Concen: 12.768 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.024 min
Lab File: VY015111.D
Acq: 15 Aug 2023 18:16

Tgt Ion:142 Resp: 42
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#

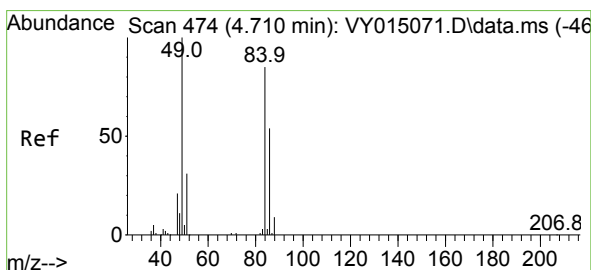
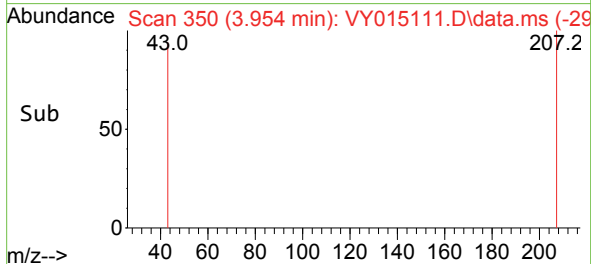
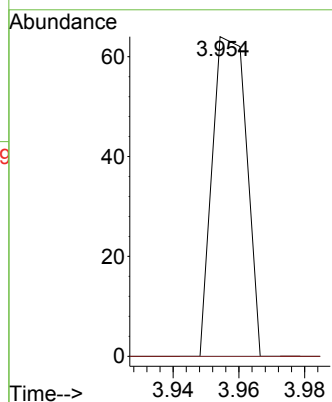
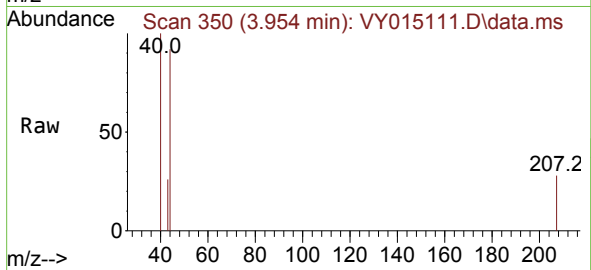




#16
Acetone
Concen: 29.179 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY015111.D
Acq: 15 Aug 2023 18:16

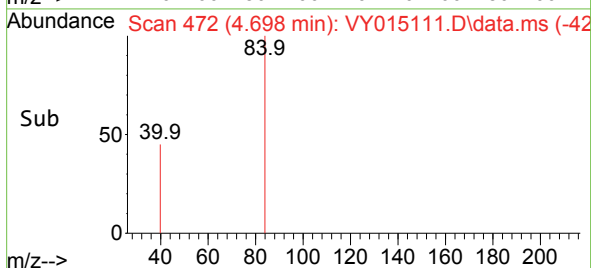
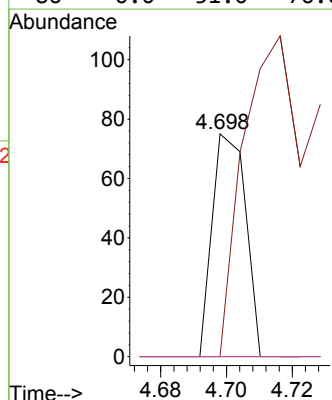
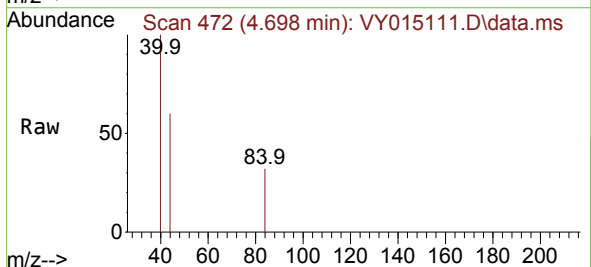
Instrument :
MSVOA_Y
ClientSampleId :

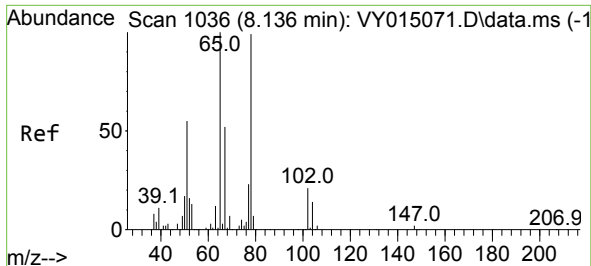
Tgt Ion: 43 Resp: 46
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#



#20
Methylene Chloride
Concen: 10.619 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.012 min
Lab File: VY015111.D
Acq: 15 Aug 2023 18:16

Tgt Ion: 84 Resp: 53
Ion Ratio Lower Upper
84 100
49 0.0 106.9 160.3#
51 0.0 33.2 49.8#
86 0.0 51.0 76.6#





#33

1,2-Dichloroethane-d4

Concen: 120.399 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.012 min

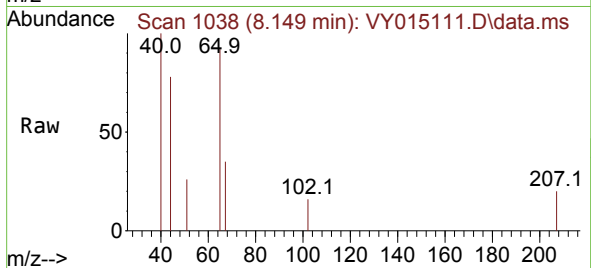
Lab File: VY015111.D

Acq: 15 Aug 2023 18:16

Instrument :

MSVOA_Y

ClientSampleId :

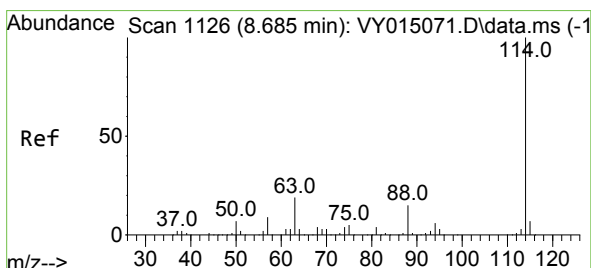
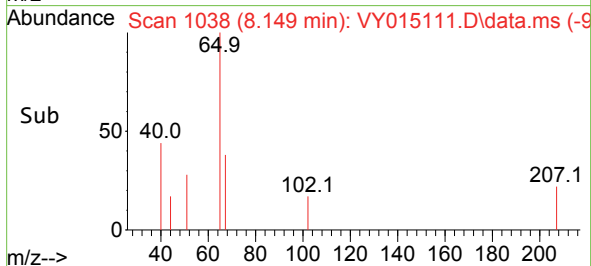
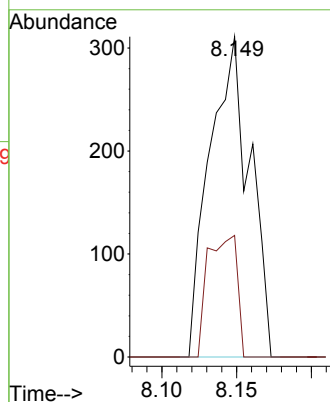


Tgt Ion: 65 Resp: 581

Ion Ratio Lower Upper

65 100

67 27.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015111.D

Acq: 15 Aug 2023 18:16

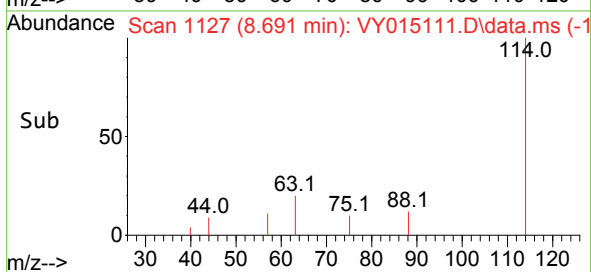
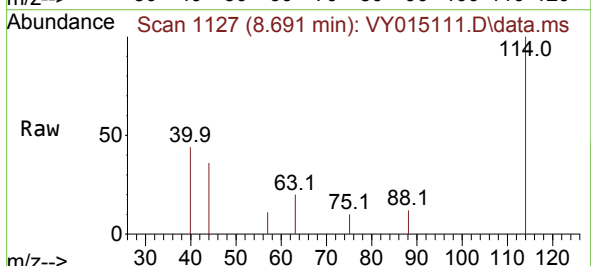
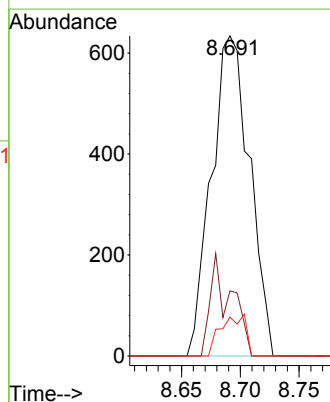
Tgt Ion: 114 Resp: 1436

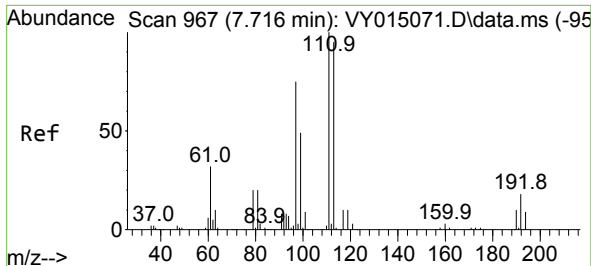
Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.4

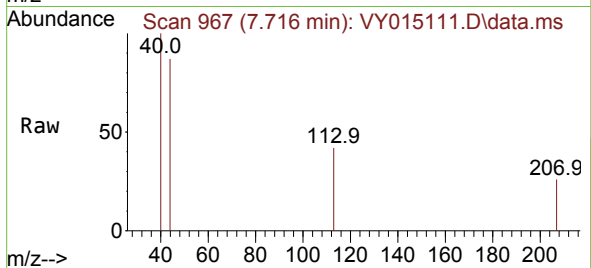
88 12.1 0.0 30.6



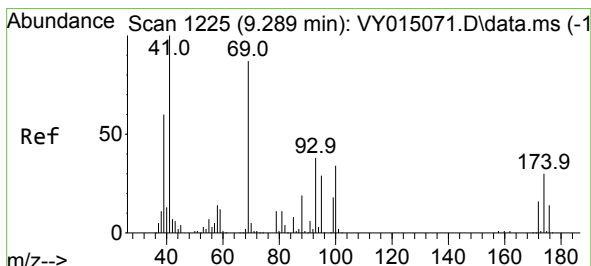
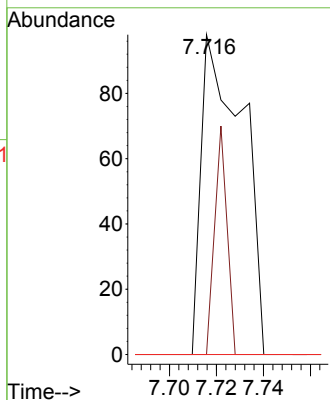
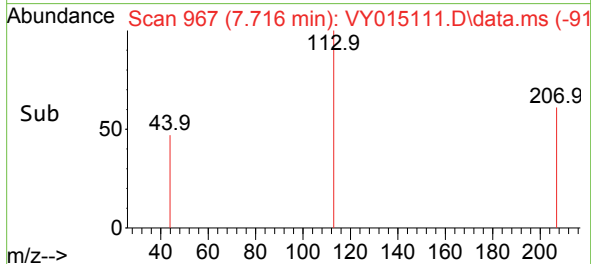


#35
Dibromofluoromethane
Concen: 12.881 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015111.D
Acq: 15 Aug 2023 18:16

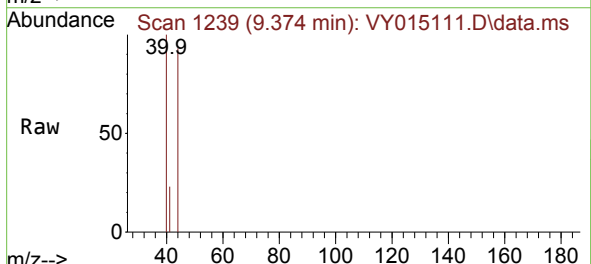
Instrument :
MSVOA_Y
ClientSampleId :



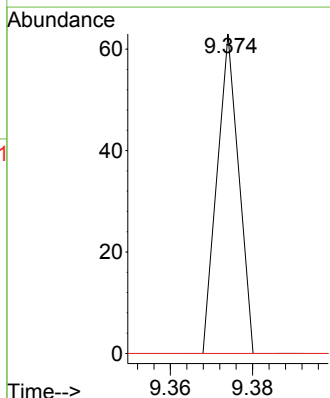
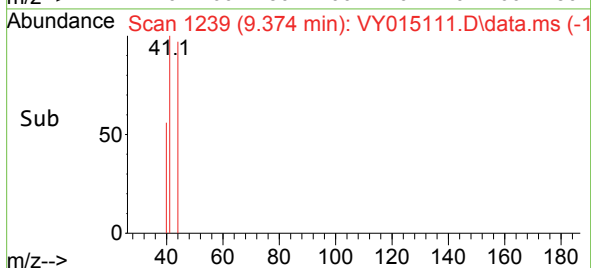
Tgt Ion:113 Resp: 119
Ion Ratio Lower Upper
113 100
111 21.8 81.3 121.9#
192 0.0 16.9 25.3#

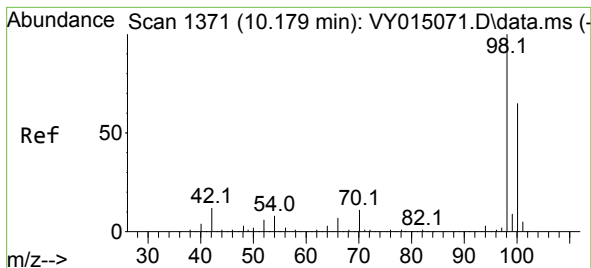


#48
Methyl methacrylate
Concen: 3.099 ug/l
RT: 9.374 min Scan# 1239
Delta R.T. 0.085 min
Lab File: VY015111.D
Acq: 15 Aug 2023 18:16



Tgt Ion: 41 Resp: 23
Ion Ratio Lower Upper
41 100
69 0.0 64.5 96.7#
39 0.0 50.8 76.2#





#50

Toluene-d8

Concen: 49.549 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY015111.D

Acq: 15 Aug 2023 18:16

Instrument :

MSVOA_Y

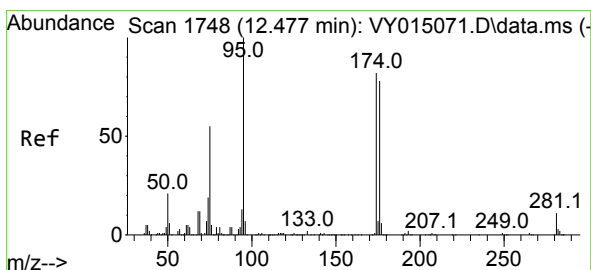
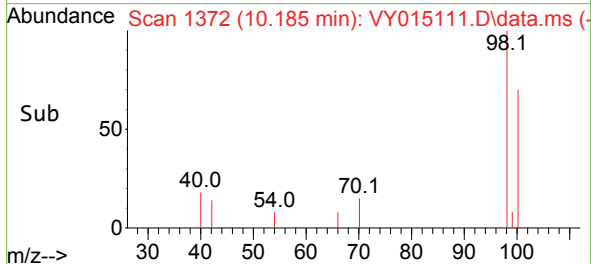
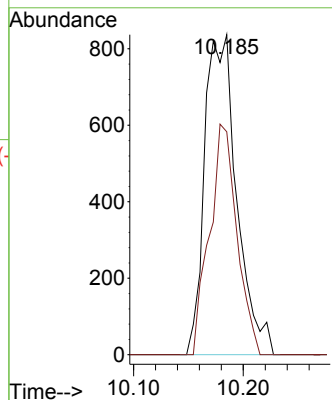
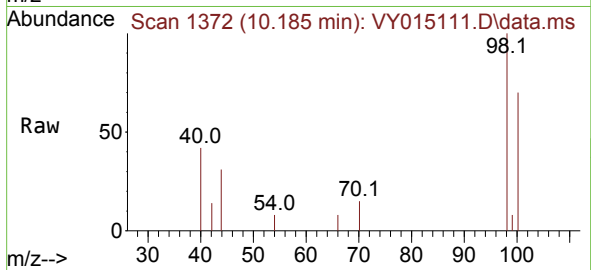
ClientSampleId :

Tgt Ion: 98 Resp: 1704

Ion Ratio Lower Upper

98 100

100 61.4 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 39.249 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY015111.D

Acq: 15 Aug 2023 18:16

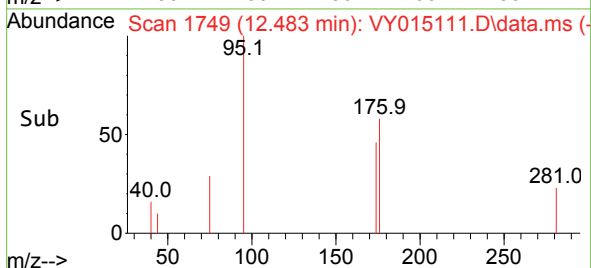
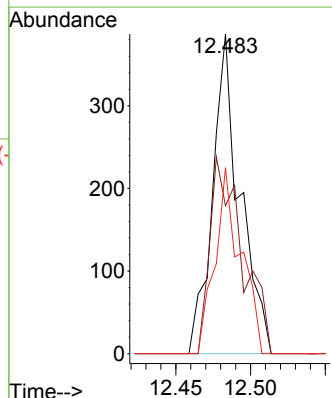
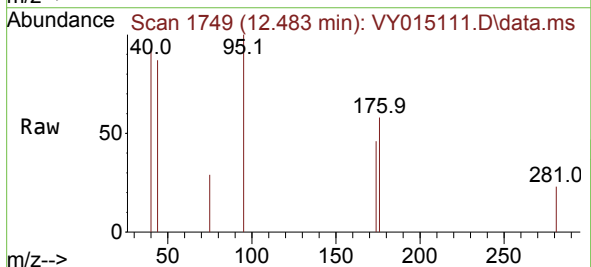
Tgt Ion: 95 Resp: 493

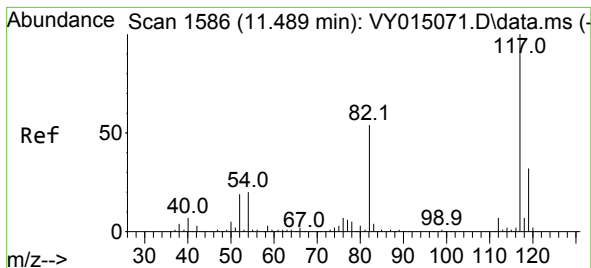
Ion Ratio Lower Upper

95 100

174 72.2 0.0 178.2

176 54.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015111.D

Acq: 15 Aug 2023 18:16

Instrument :

MSVOA_Y

ClientSampleId :

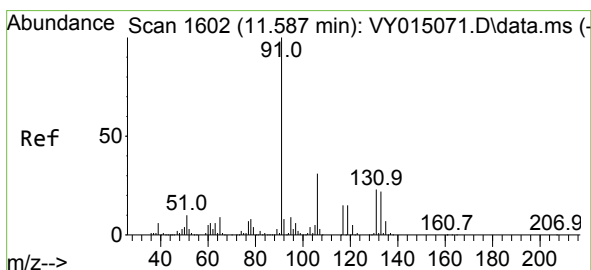
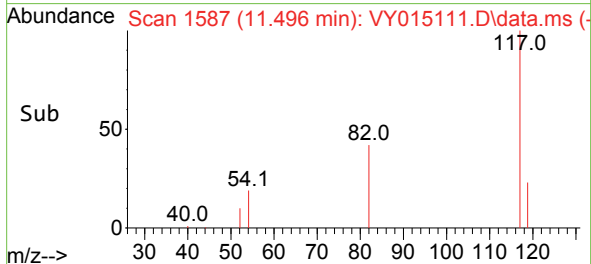
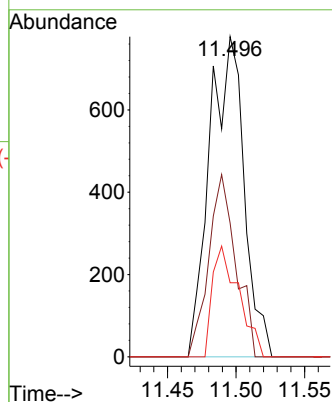
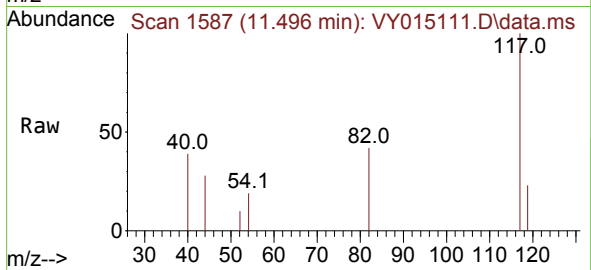
Tgt Ion:117 Resp: 1362

Ion Ratio Lower Upper

117 100

82 41.8 43.4 65.0#

119 23.1 26.3 39.5#



#67

Ethyl Benzene

Concen: 1.541 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.012 min

Lab File: VY015111.D

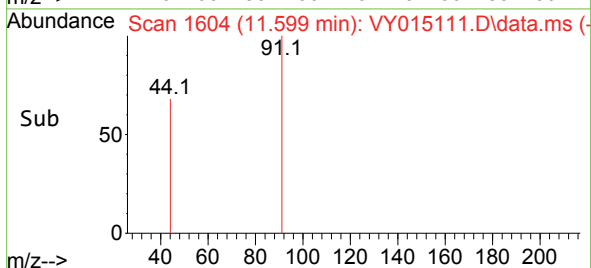
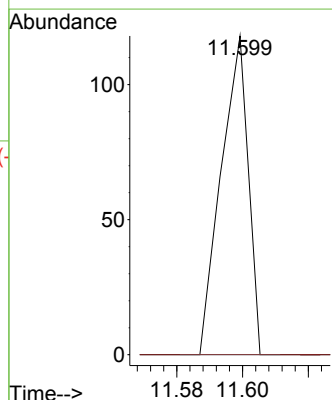
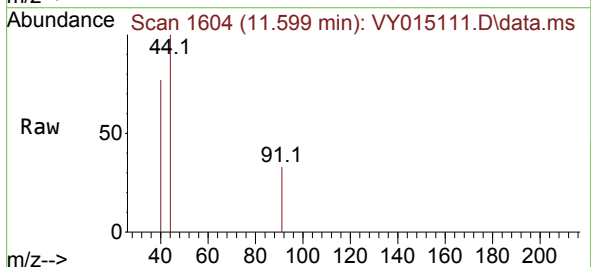
Acq: 15 Aug 2023 18:16

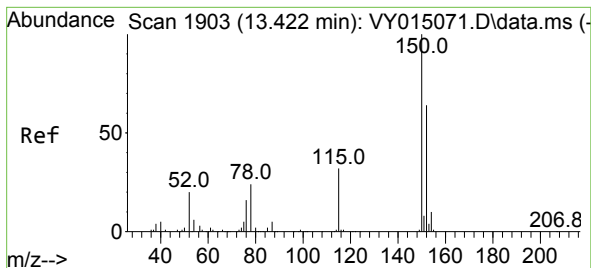
Tgt Ion: 91 Resp: 67

Ion Ratio Lower Upper

91 100

106 0.0 24.6 36.8#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1903

Delta R.T. 0.012 min

Lab File: VY015111.D

Acq: 15 Aug 2023 18:16

Instrument :

MSVOA_Y

ClientSampleId :

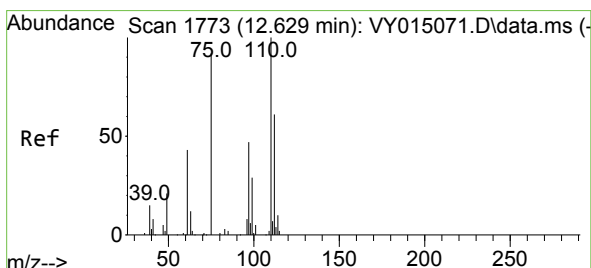
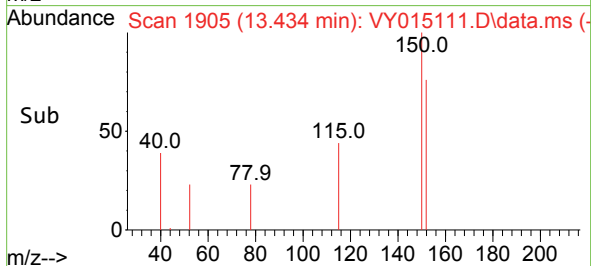
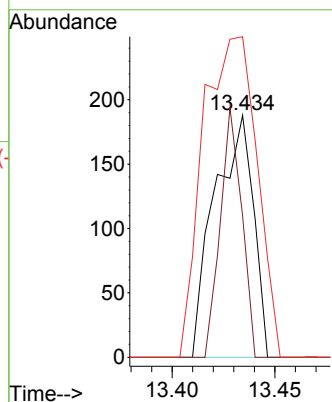
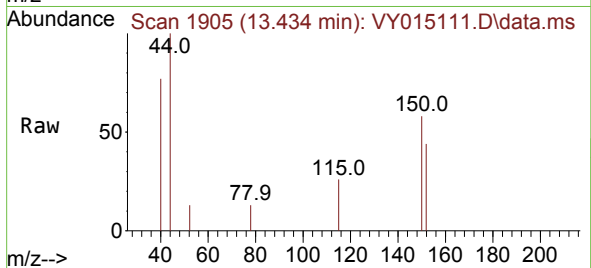
Tgt Ion:152 Resp: 246

Ion Ratio Lower Upper

152 100

115 56.9 28.8 86.5

150 184.6 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 78.629 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.140 min

Lab File: VY015111.D

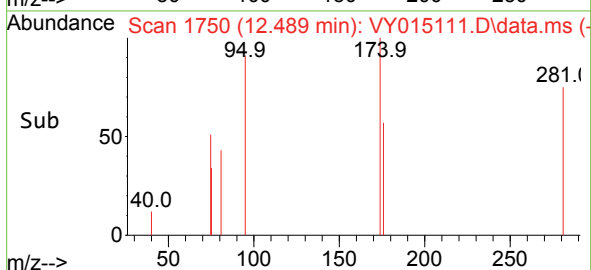
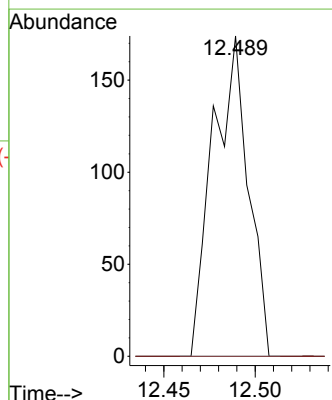
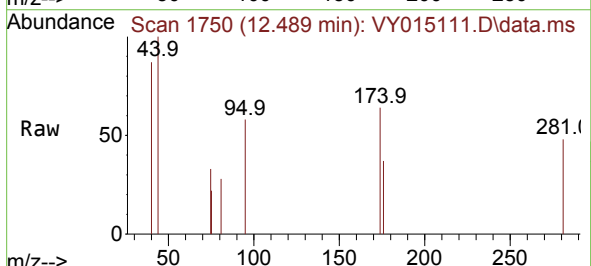
Acq: 15 Aug 2023 18:16

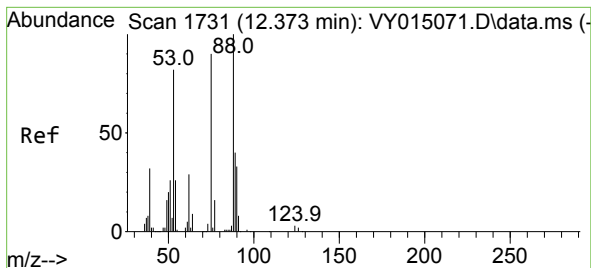
Tgt Ion: 75 Resp: 235

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

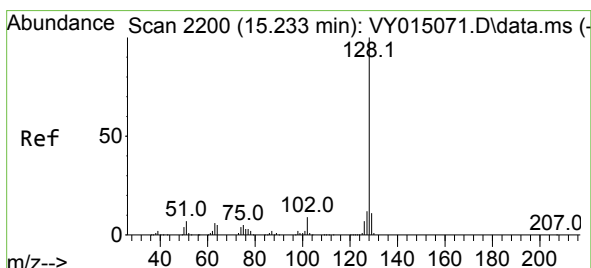
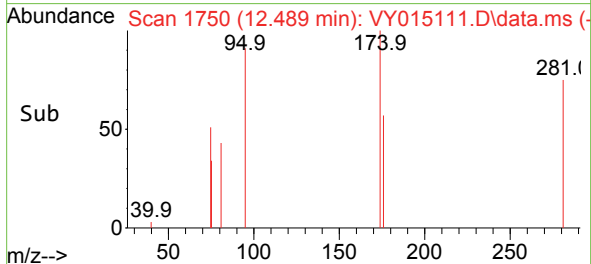
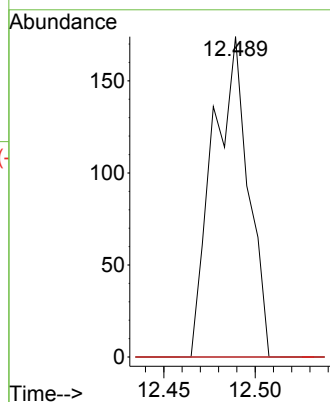
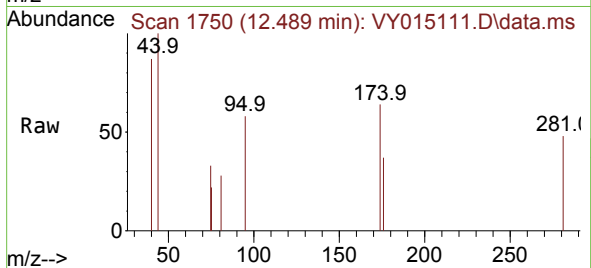




#81
trans-1,4-Dichloro-2-butene
Concen: 172.707 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.116 min
Lab File: VY015111.D
Acq: 15 Aug 2023 18:16

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 235
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#



#95
Naphthalene
Concen: 13.478 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.012 min
Lab File: VY015111.D
Acq: 15 Aug 2023 18:16

Tgt Ion: 128 Resp: 154
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

