

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092623\
 Data File : VY015714.D
 Acq On : 26 Sep 2023 17:35
 Operator : SY/MD
 Sample : 04621-01
 Misc : 4.63g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 27 01:34:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

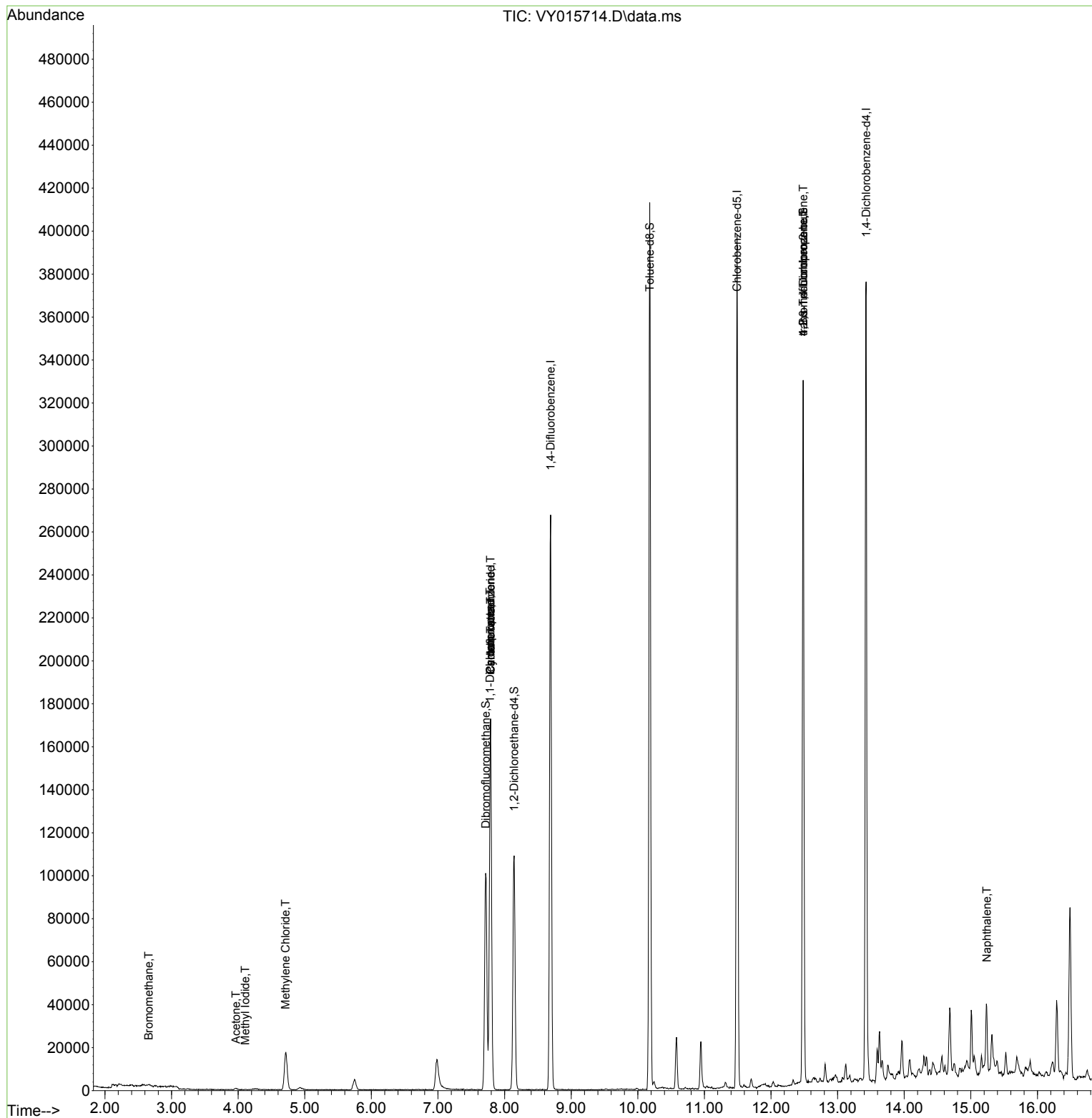
Internal Standards						
1) Pentafluorobenzene	7.789	168	133576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	228618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	210207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	98277	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	86354	58.756	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.520%	
35) Dibromofluoromethane	7.716	113	73841	53.963	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.920%	
50) Toluene-d8	10.179	98	268607	57.894	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 115.780%	
62) 4-Bromofluorobenzene	12.483	95	94377	51.834	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.660%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	116	2.644	ug/l	87
10) Methyl Iodide	4.107	142	111	2.796	ug/l #	38
11) Tert butyl alcohol	4.936	59	1488	Below Cal	#	89
16) Acetone	3.966	43	1372	1.744	ug/l #	89
20) Methylene Chloride	4.710	84	12893	2.929	ug/l	95
31) Cyclohexane	7.789	56	2697	1.325	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	10370	5.125	ug/l #	50
38) Carbon Tetrachloride	7.789	117	13099	5.965	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	49853	31.797	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	49853	71.604	ug/l #	11
95) Naphthalene	15.239	128	14632	2.689	ug/l #	93

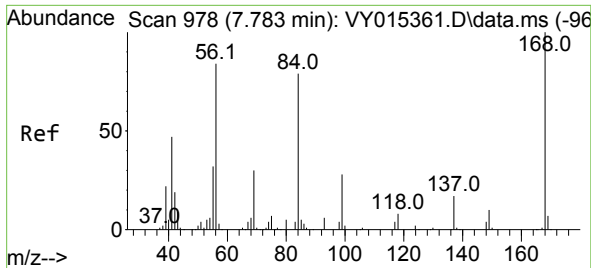
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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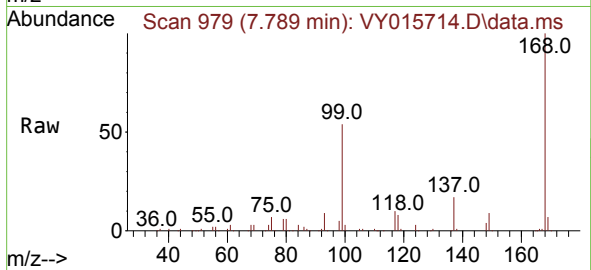
Quant Time: Sep 27 01:34:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 2023
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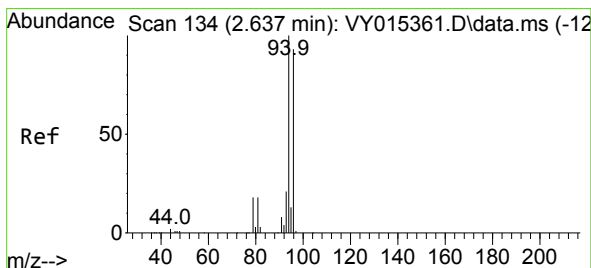
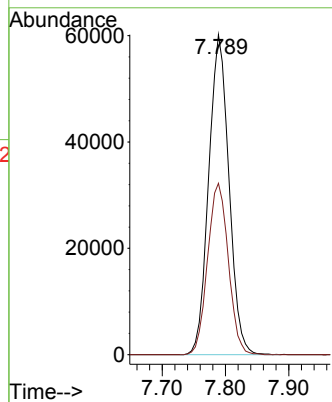
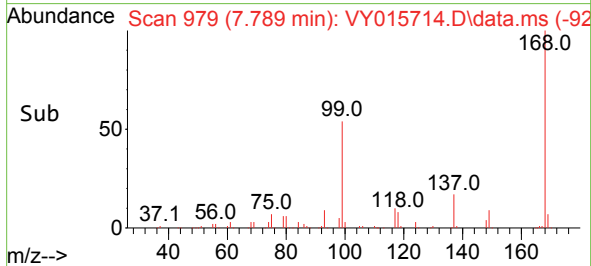


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015714.D
Acq: 26 Sep 2023 17:35

Instrument :
MSVOA_Y
ClientSampleId :

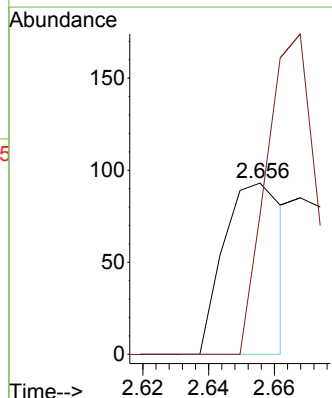
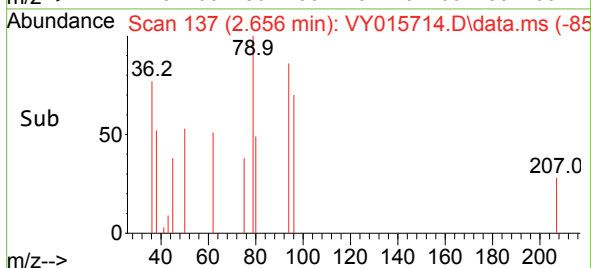
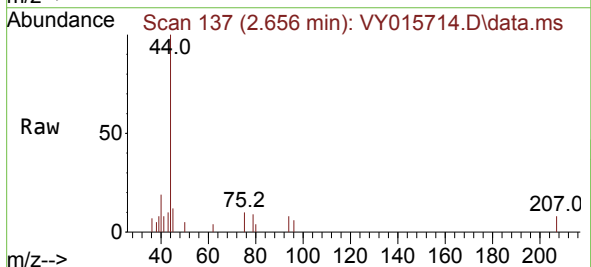


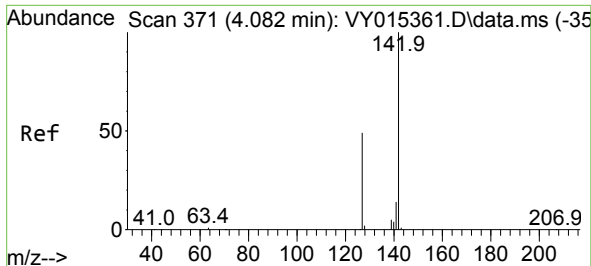
Tgt Ion:168 Resp: 133576
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#5
Bromomethane
Concen: 2.644 ug/l
RT: 2.656 min Scan# 137
Delta R.T. 0.019 min
Lab File: VY015714.D
Acq: 26 Sep 2023 17:35

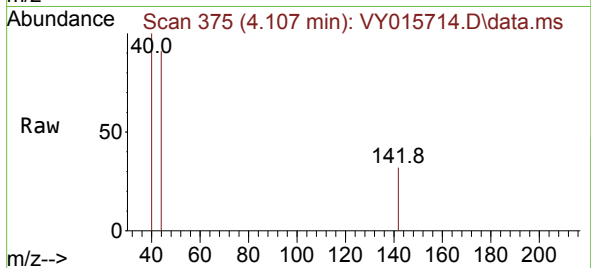
Tgt Ion: 94 Resp: 116
Ion Ratio Lower Upper
94 100
96 81.7 75.8 113.6



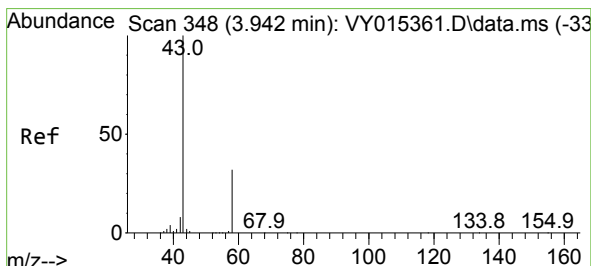
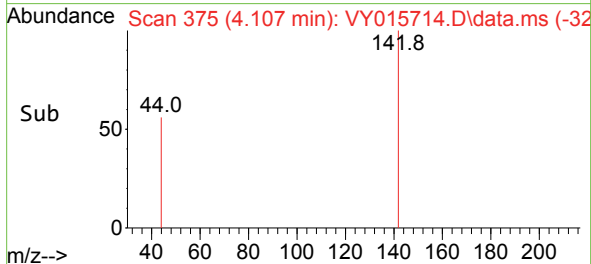
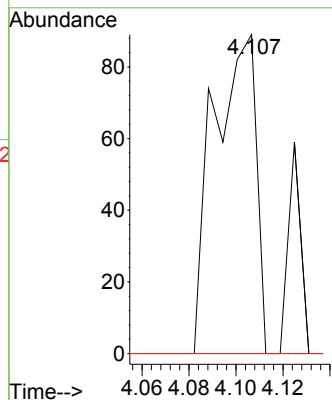


#10
Methyl Iodide
Concen: 2.796 ug/l
RT: 4.107 min Scan# 311
Delta R.T. 0.025 min
Lab File: VY015714.D
Acq: 26 Sep 2023 17:35

Instrument :
MSVOA_Y
ClientSampleId :

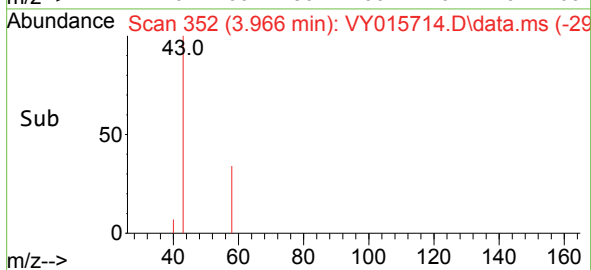
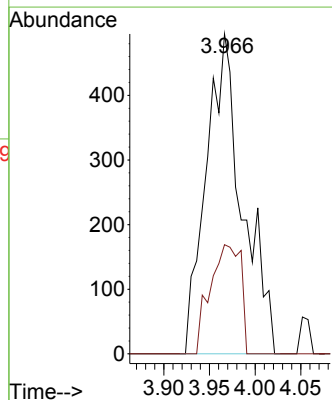
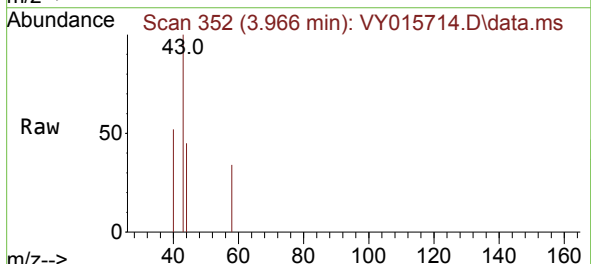


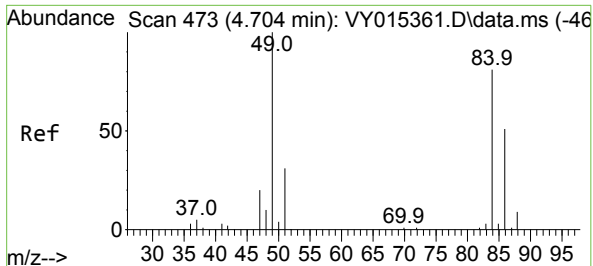
Tgt Ion:142 Resp: 111
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#



#16
Acetone
Concen: 1.744 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.024 min
Lab File: VY015714.D
Acq: 26 Sep 2023 17:35

Tgt Ion: 43 Resp: 1372
Ion Ratio Lower Upper
43 100
58 34.1 22.7 34.1#





#20

Methylene Chloride

Concen: 2.929 ug/l

RT: 4.710 min Scan# 41

Delta R.T. 0.006 min

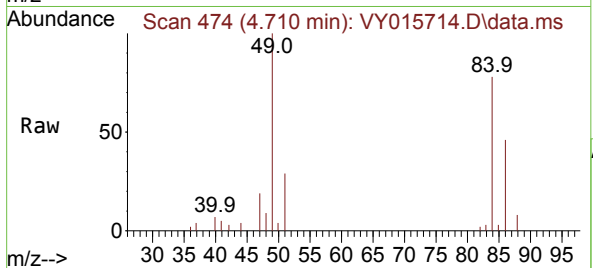
Lab File: VY015714.D

Acq: 26 Sep 2023 17:35

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 12893

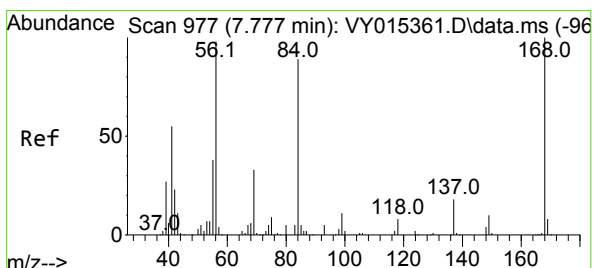
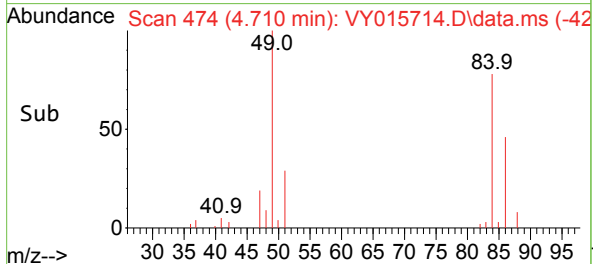
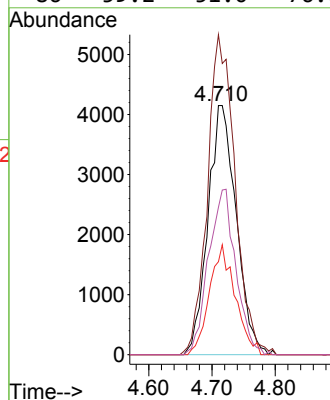
Ion Ratio Lower Upper

84 100

49 128.4 106.9 160.3

51 37.3 33.2 49.8

86 59.2 51.0 76.6



#31

Cyclohexane

Concen: 1.325 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY015714.D

Acq: 26 Sep 2023 17:35

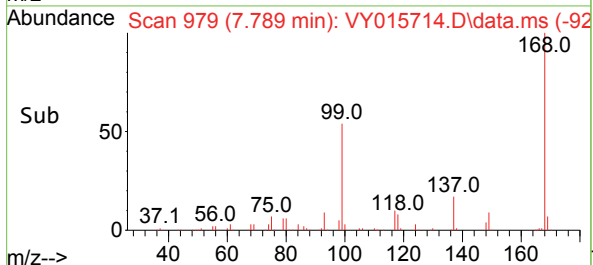
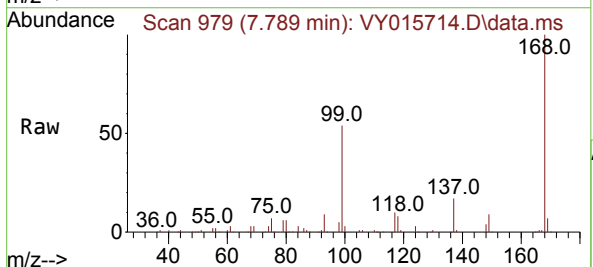
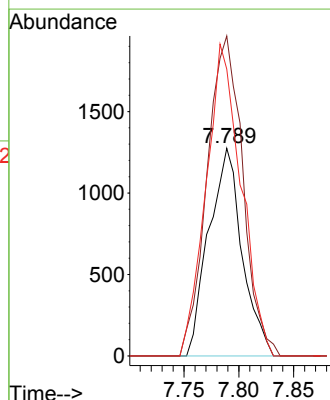
Tgt Ion: 56 Resp: 2697

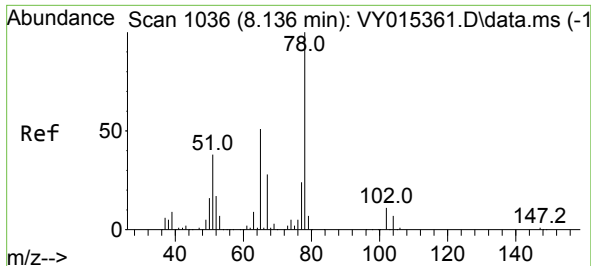
Ion Ratio Lower Upper

56 100

69 154.0 27.8 41.6#

84 138.1 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 58.756 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY015714.D

Acq: 26 Sep 2023 17:35

Instrument :

MSVOA_Y

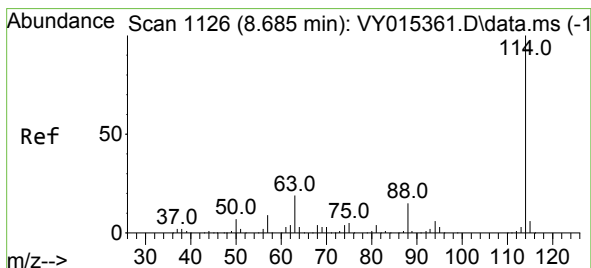
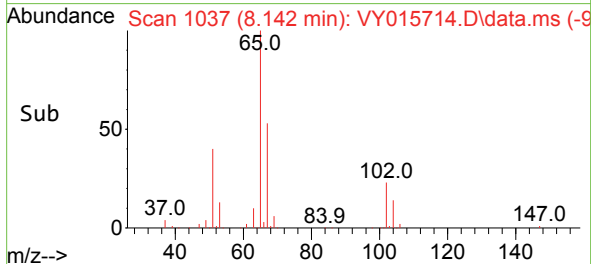
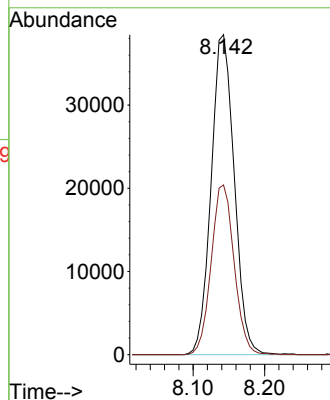
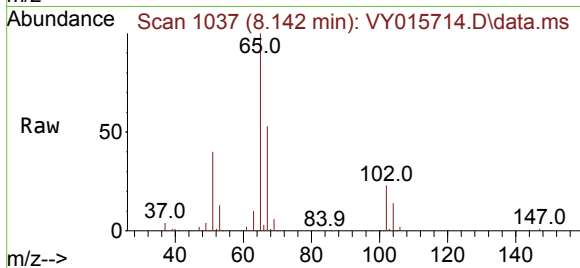
ClientSampleId :

Tgt Ion: 65 Resp: 86354

Ion Ratio Lower Upper

65 100

67 52.7 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: VY015714.D

Acq: 26 Sep 2023 17:35

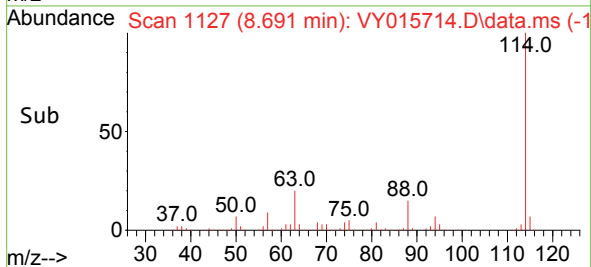
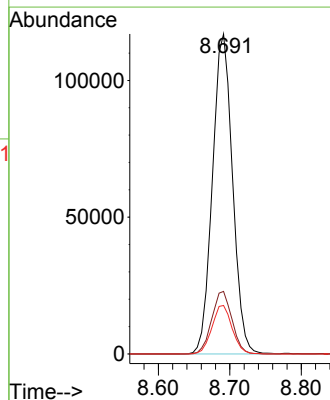
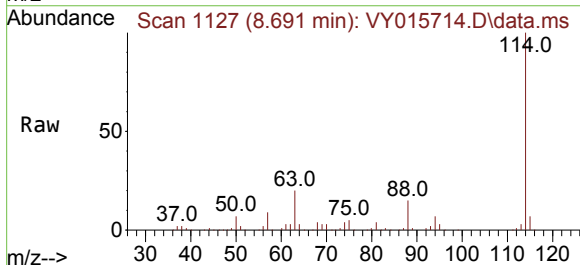
Tgt Ion: 114 Resp: 228618

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

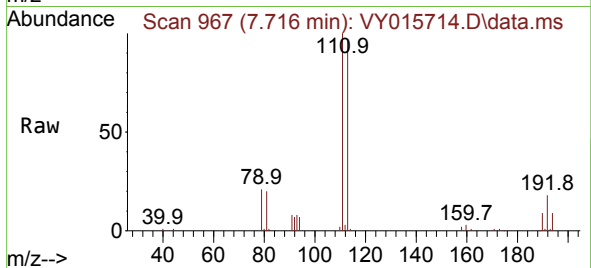
88 15.1 0.0 30.6



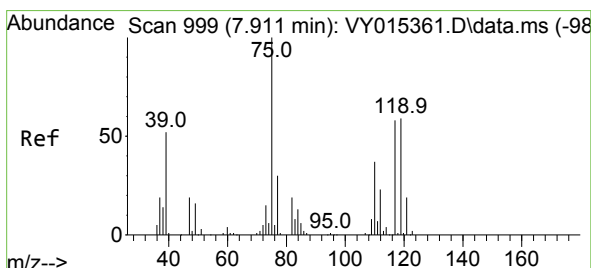
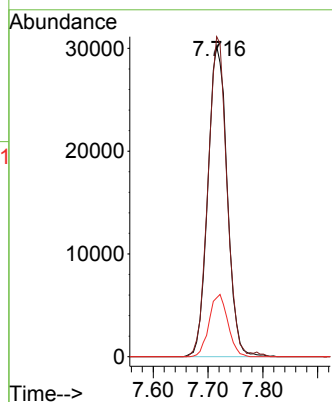
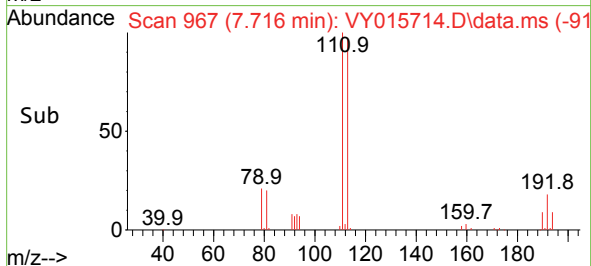


#35
Dibromofluoromethane
Concen: 53.963 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015714.D
Acq: 26 Sep 2023 17:35

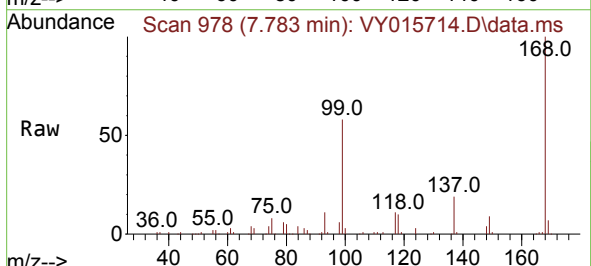
Instrument :
MSVOA_Y
ClientSampleId :



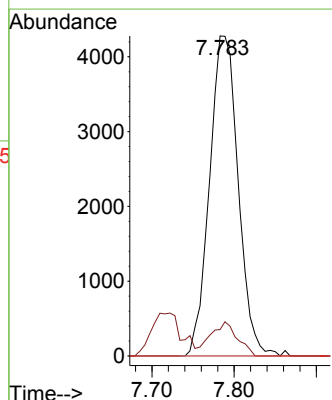
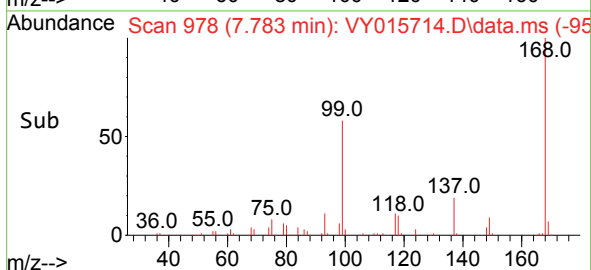
Tgt Ion:113 Resp: 73841
Ion Ratio Lower Upper
113 100
111 100.8 81.3 121.9
192 19.5 16.9 25.3

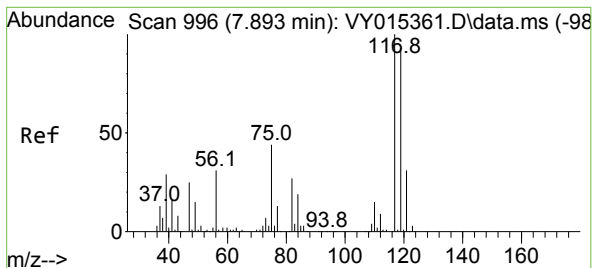


#36
1,1-Dichloropropene
Concen: 5.125 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015714.D
Acq: 26 Sep 2023 17:35



Tgt Ion: 75 Resp: 10370
Ion Ratio Lower Upper
75 100
110 9.6 17.8 53.5#
77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 5.965 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.104 min

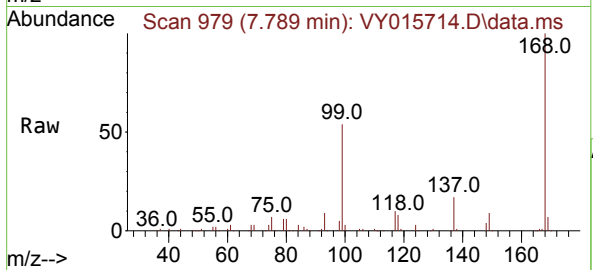
Lab File: VY015714.D

Acq: 26 Sep 2023 17:35

Instrument :

MSVOA_Y

ClientSampleId :



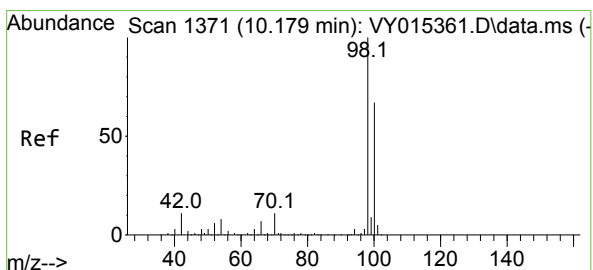
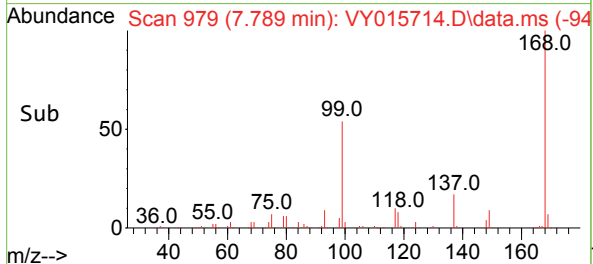
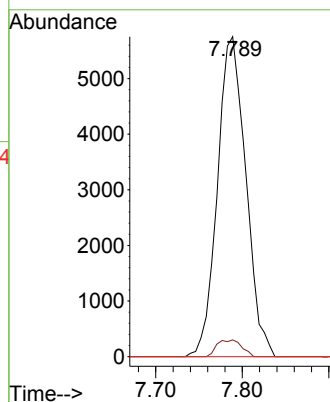
Tgt Ion:117 Resp: 13099

Ion Ratio Lower Upper

117 100

119 5.3 76.4 114.6#

121 0.0 25.8 38.6#



#50

Toluene-d8

Concen: 57.894 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015714.D

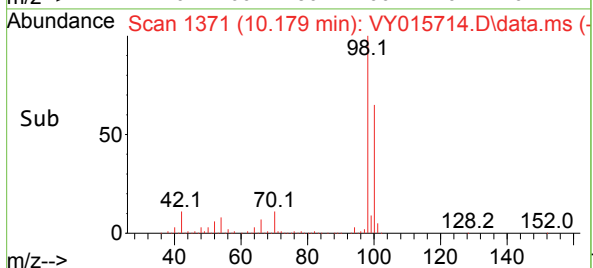
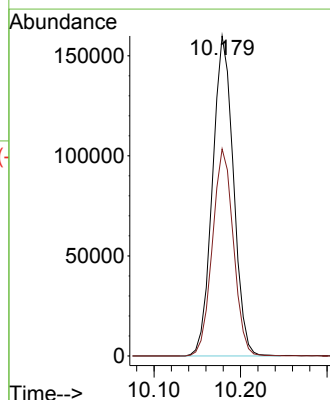
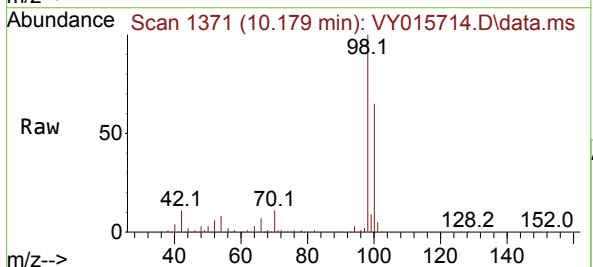
Acq: 26 Sep 2023 17:35

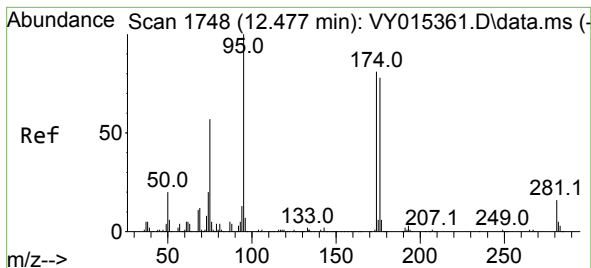
Tgt Ion: 98 Resp: 268607

Ion Ratio Lower Upper

98 100

100 64.7 50.1 75.1

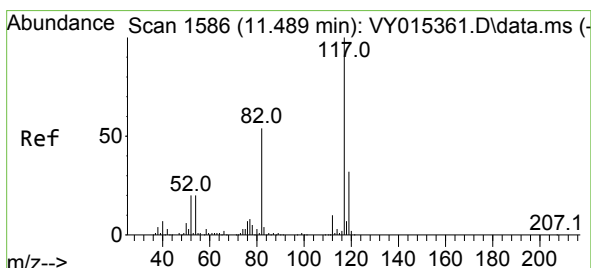
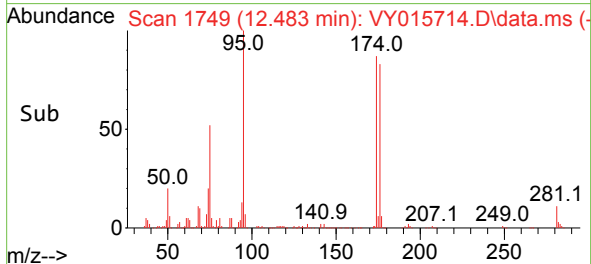
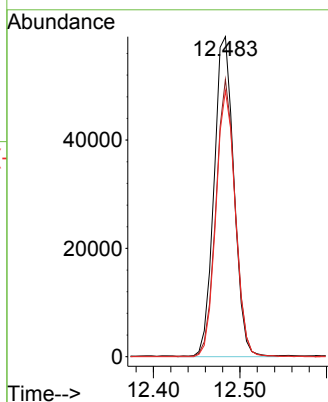
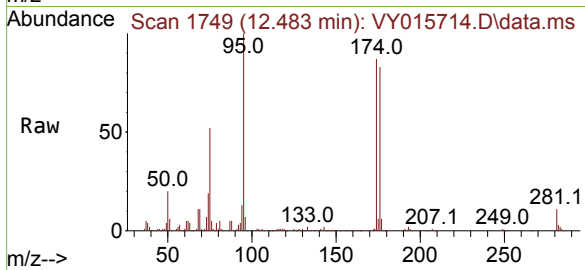




#62
4-Bromofluorobenzene
Concen: 51.834 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015714.D
Acq: 26 Sep 2023 17:35

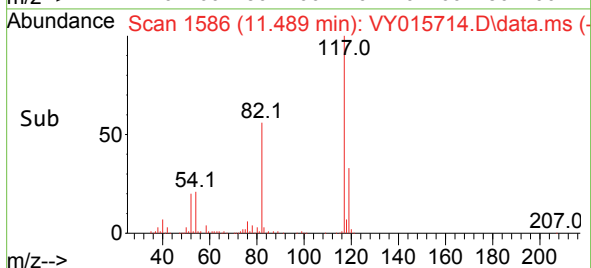
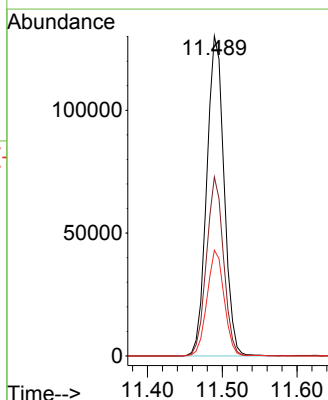
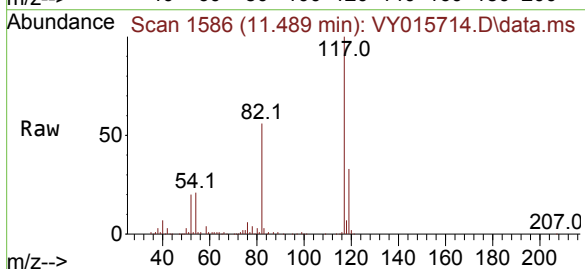
Instrument :
MSVOA_Y
ClientSampleId :

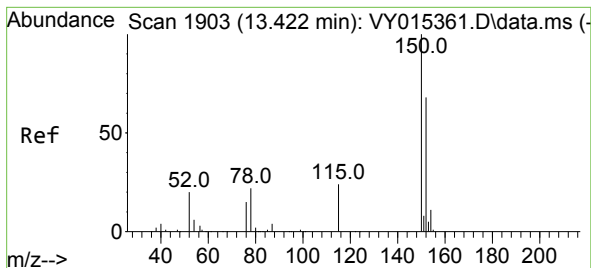
Tgt Ion: 95 Resp: 94377
Ion Ratio Lower Upper
95 100
174 83.4 0.0 178.2
176 81.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015714.D
Acq: 26 Sep 2023 17:35

Tgt Ion: 117 Resp: 210207
Ion Ratio Lower Upper
117 100
82 56.0 43.4 65.0
119 33.1 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY015714.D

Acq: 26 Sep 2023 17:35

Instrument :

MSVOA_Y

ClientSampleId :

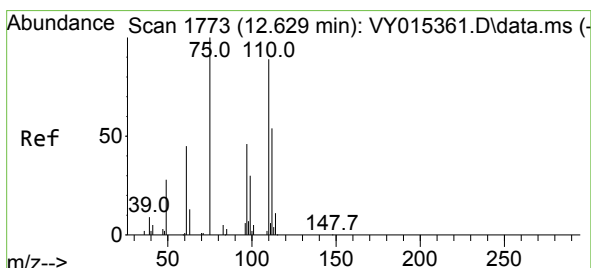
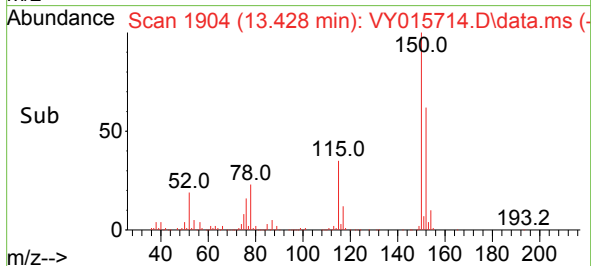
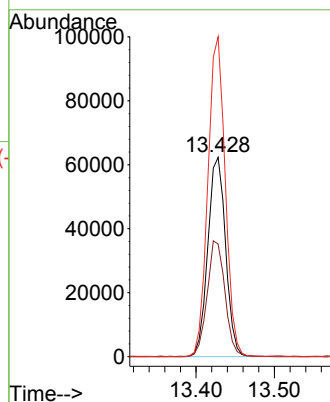
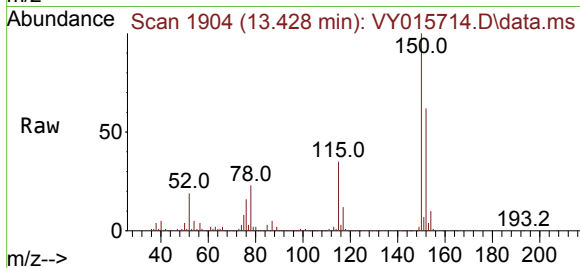
Tgt Ion:152 Resp: 98277

Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 156.4 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 31.797 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY015714.D

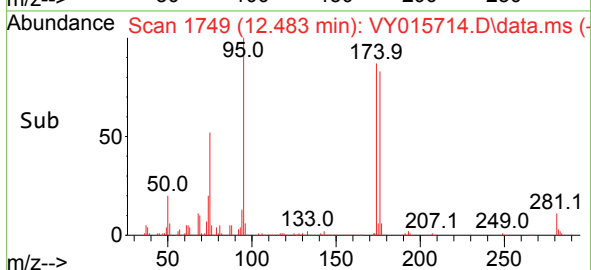
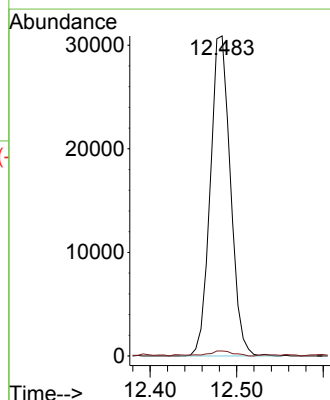
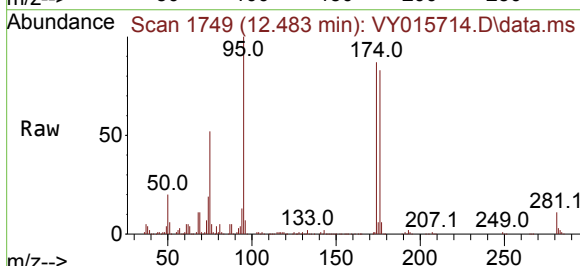
Acq: 26 Sep 2023 17:35

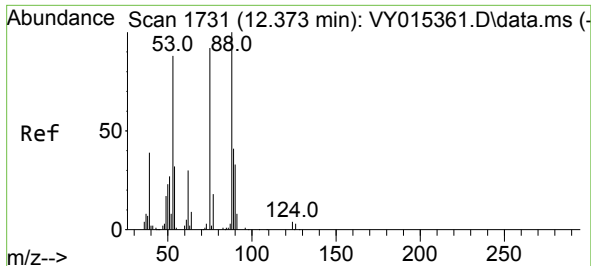
Tgt Ion: 75 Resp: 49853

Ion Ratio Lower Upper

75 100

77 1.9 0.0 0.0#

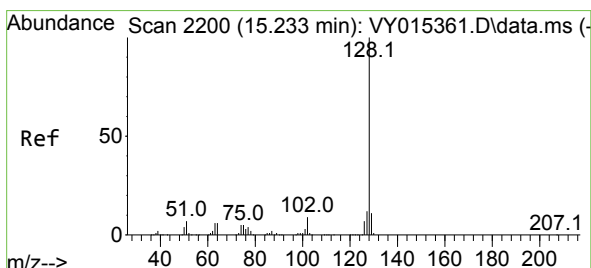
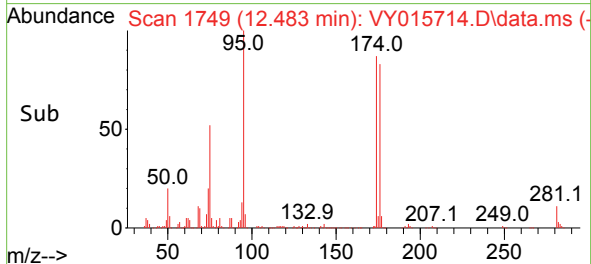
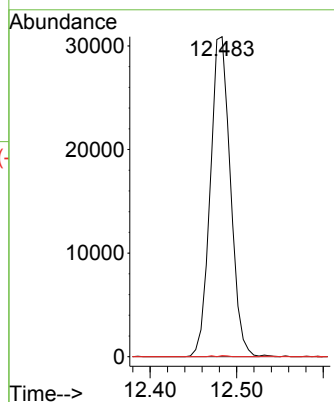
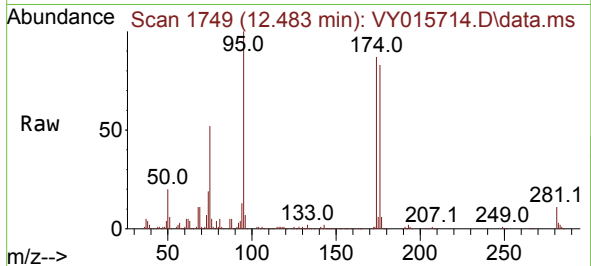




#81
trans-1,4-Dichloro-2-butene
Concen: 71.604 ug/l
RT: 12.483 min Scan# 1731
Delta R.T. 0.103 min
Lab File: VY015714.D
Acq: 26 Sep 2023 17:35

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 49853
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.2 37.4 56.0#



#95
Naphthalene
Concen: 2.689 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY015714.D
Acq: 26 Sep 2023 17:35

Tgt Ion:128 Resp: 14632
Ion Ratio Lower Upper
128 100
127 15.4 10.8 16.2
129 14.8 8.6 13.0#

