

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101123\
 Data File : VY015917.D
 Acq On : 11 Oct 2023 12:37
 Operator : SY/MD
 Sample : 04817-01RE
 Misc : 5.18g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 12 01:56:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

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

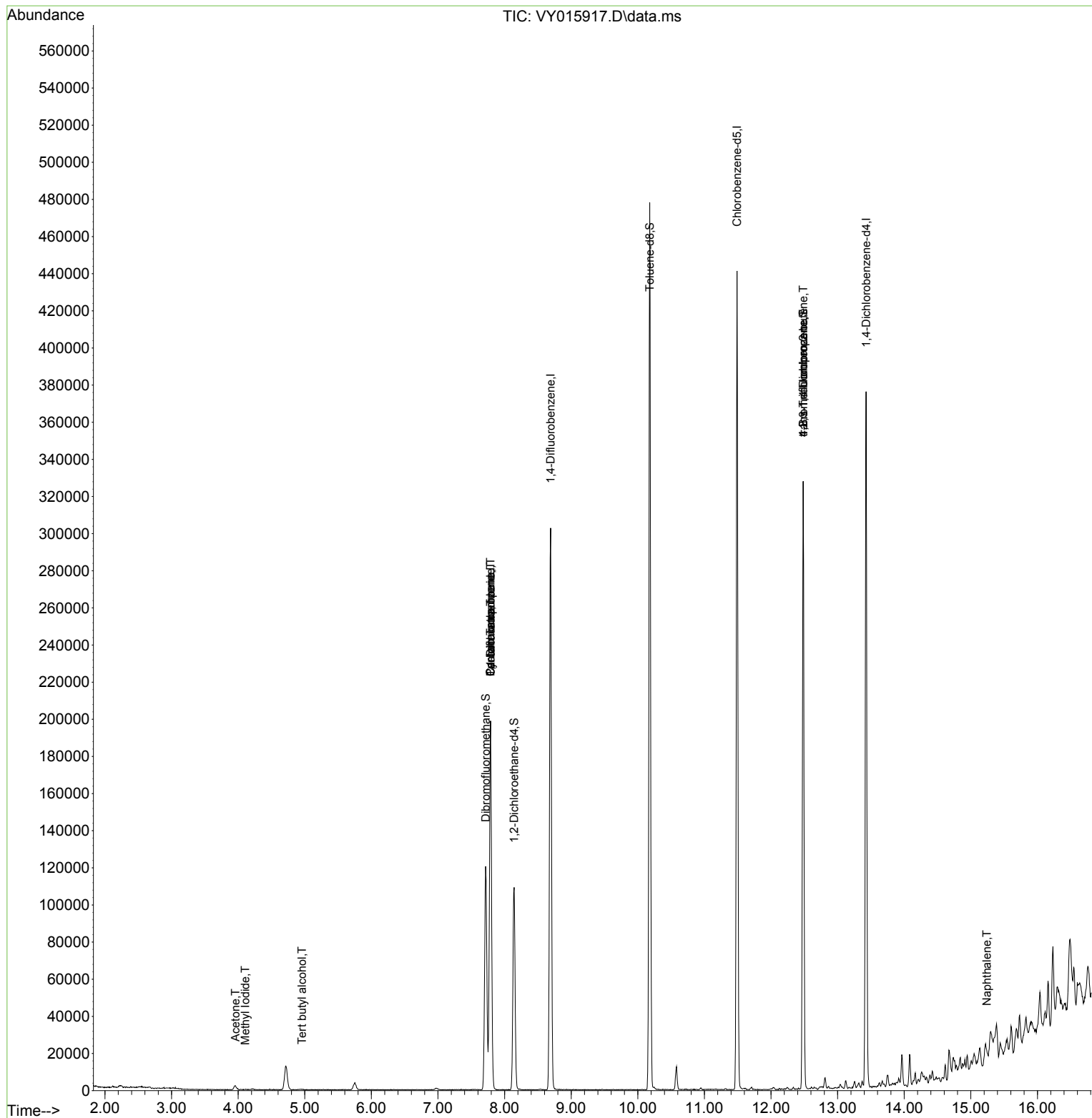
Internal Standards						
1) Pentafluorobenzene	7.789	168	153218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	266307	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	239665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	86703	62.890	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.780%	
35) Dibromofluoromethane	7.716	113	85290	57.419	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.840%	
50) Toluene-d8	10.179	98	309597	63.242	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 126.480%	
62) 4-Bromofluorobenzene	12.483	95	98877	49.727	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.460%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.107	142	183	2.424	ug/l #	50
11) Tert butyl alcohol	4.960	59	577	12.297	ug/l #	89
16) Acetone	3.960	43	3588	11.260	ug/l	95
20) Methylene Chloride	4.716	84	9978	Below Cal		88
31) Cyclohexane	7.789	56	2629	1.781	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	11258	6.843	ug/l #	50
38) Carbon Tetrachloride	7.789	117	14863	7.523	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	50982	44.797	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	50982	99.337	ug/l #	10
95) Naphthalene	15.239	128	4687	1.120	ug/l #	89

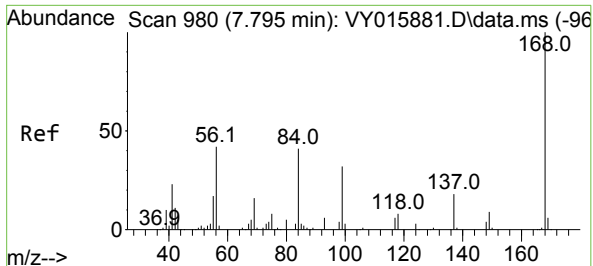
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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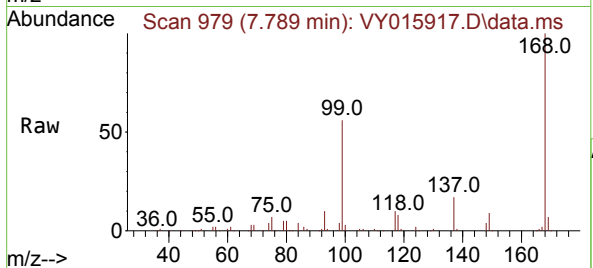
Quant Time: Oct 12 01:56:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 10 07:06:18 2023
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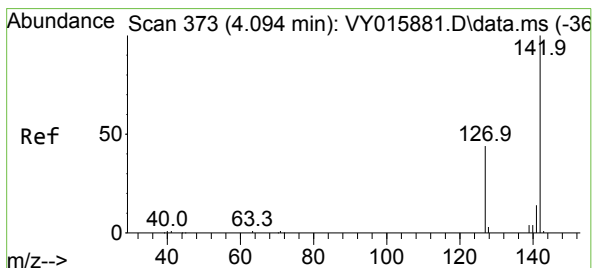
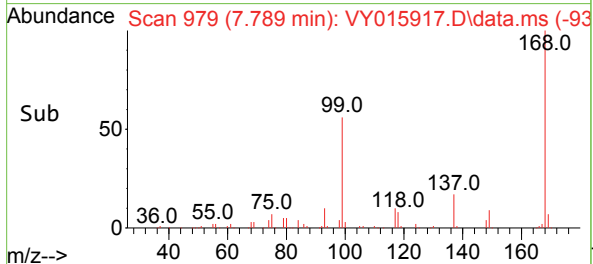
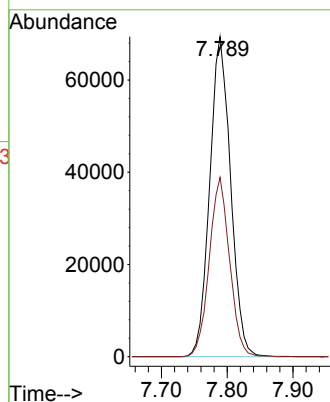


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015917.D
Acq: 11 Oct 2023 12:37

Instrument :
MSVOA_Y
ClientSampleId :

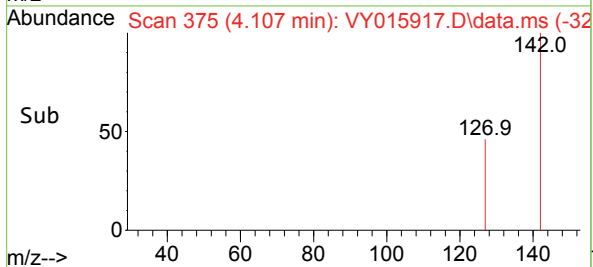
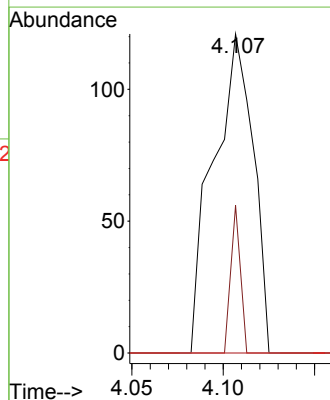
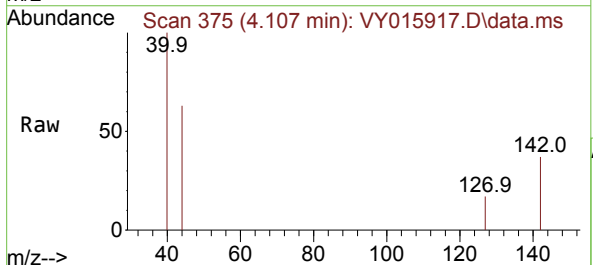


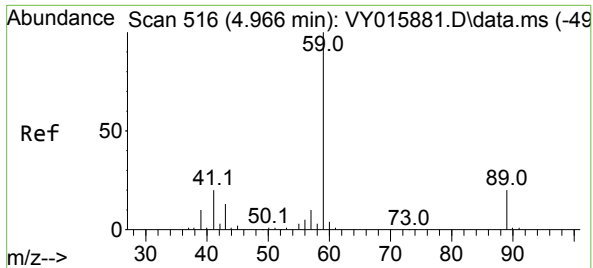
Tgt Ion:168 Resp: 153218
Ion Ratio Lower Upper
168 100
99 56.0 43.4 65.0



#10
Methyl Iodide
Concen: 2.424 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.013 min
Lab File: VY015917.D
Acq: 11 Oct 2023 12:37

Tgt Ion:142 Resp: 183
Ion Ratio Lower Upper
142 100
127 10.9 37.6 56.4#
141 0.0 11.8 17.8#





#11

Tert butyl alcohol

Concen: 12.297 ug/l

RT: 4.960 min Scan# 516

Delta R.T. -0.006 min

Lab File: VY015917.D

Acq: 11 Oct 2023 12:37

Instrument :

MSVOA_Y

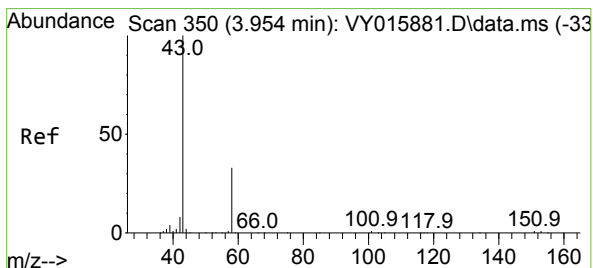
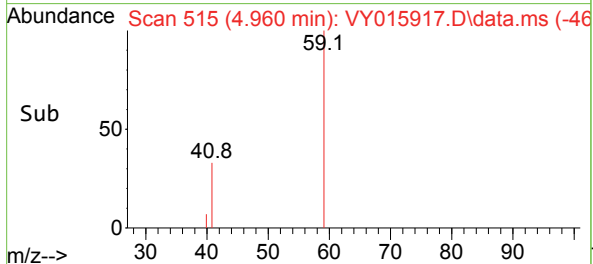
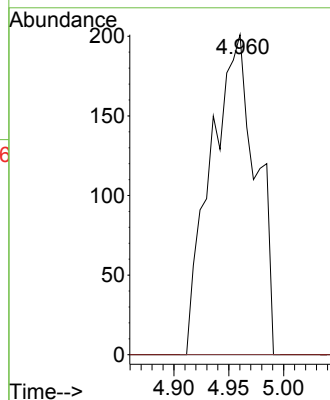
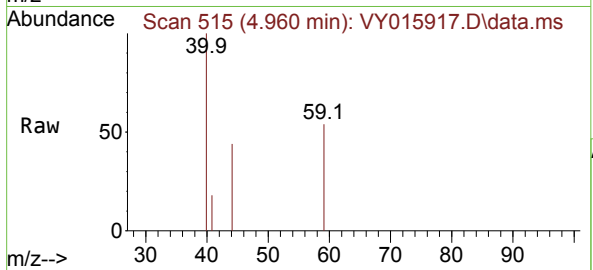
ClientSampleId :

Tgt Ion: 59 Resp: 577

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#



#16

Acetone

Concen: 11.260 ug/l

RT: 3.960 min Scan# 351

Delta R.T. 0.006 min

Lab File: VY015917.D

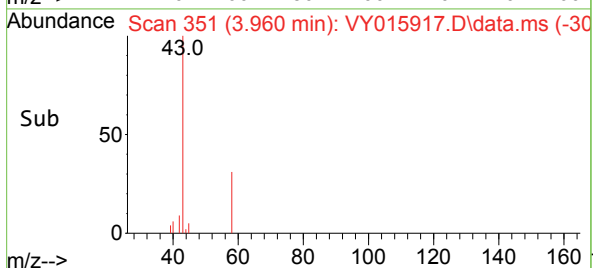
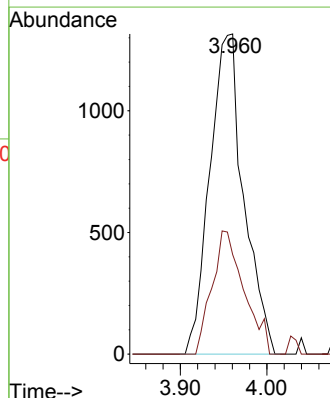
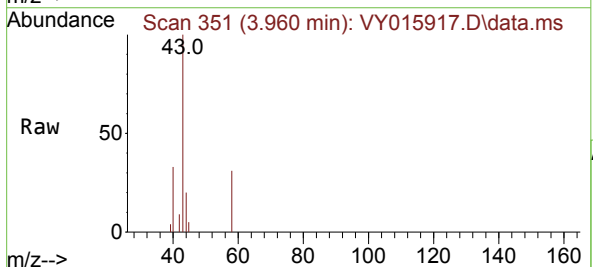
Acq: 11 Oct 2023 12:37

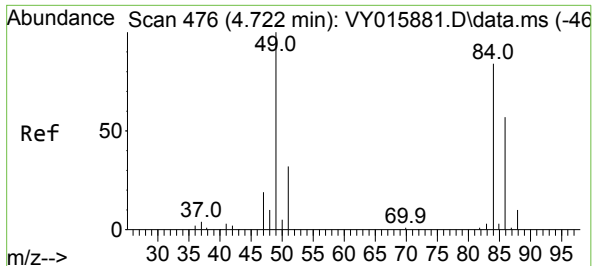
Tgt Ion: 43 Resp: 3588

Ion Ratio Lower Upper

43 100

58 31.1 22.7 34.1





#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 41

Delta R.T. -0.006 min

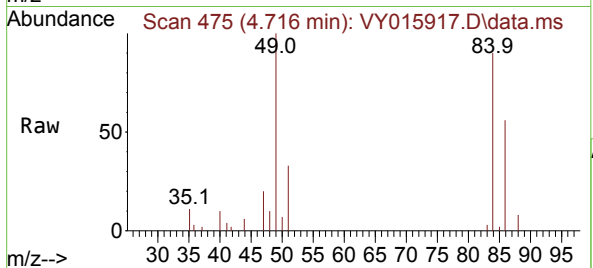
Lab File: VY015917.D

Acq: 11 Oct 2023 12:37

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 9978

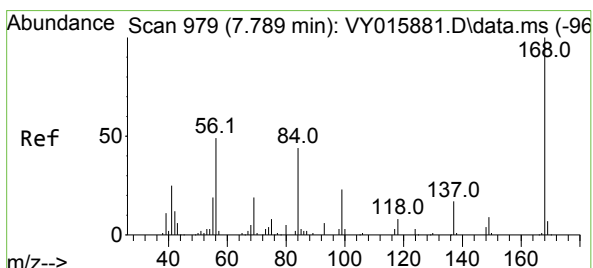
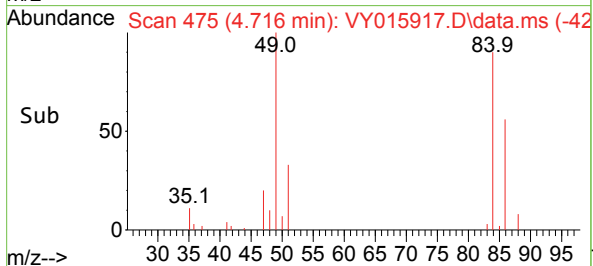
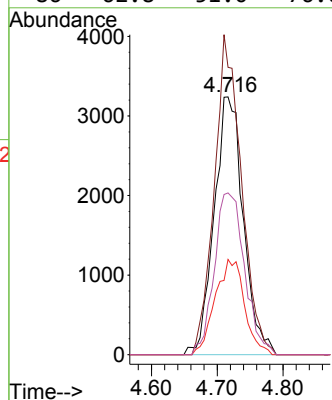
Ion Ratio Lower Upper

84 100

49 111.5 106.9 160.3

51 36.9 33.2 49.8

86 62.8 51.0 76.6



#31

Cyclohexane

Concen: 1.781 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.000 min

Lab File: VY015917.D

Acq: 11 Oct 2023 12:37

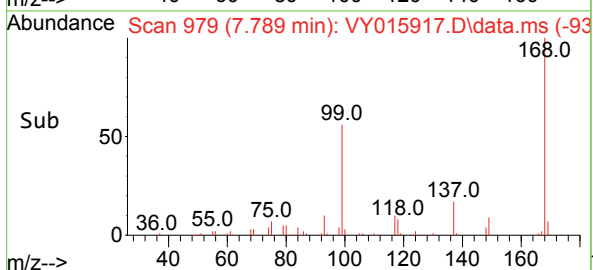
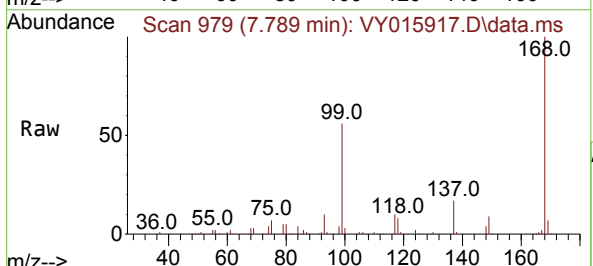
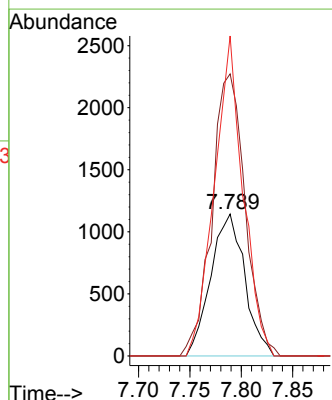
Tgt Ion: 56 Resp: 2629

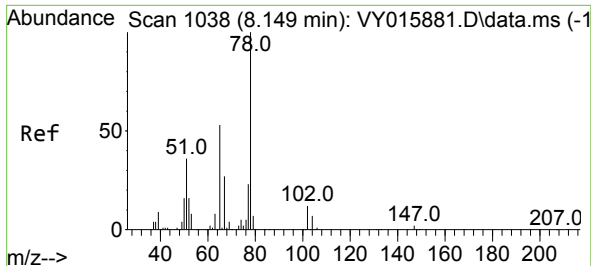
Ion Ratio Lower Upper

56 100

69 198.7 27.8 41.6#

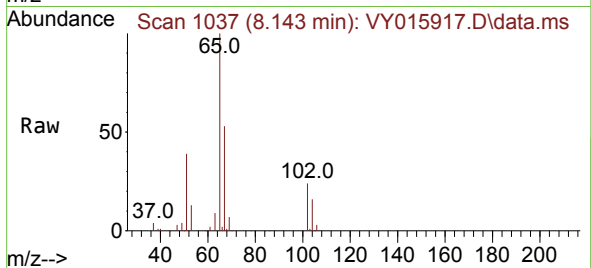
84 225.3 66.4 99.6#



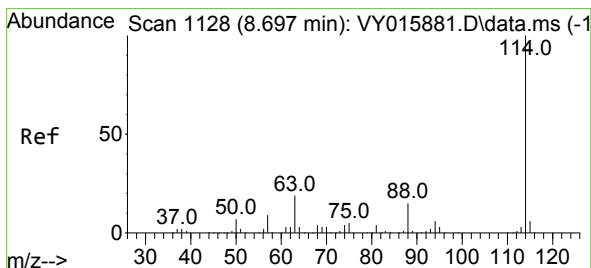
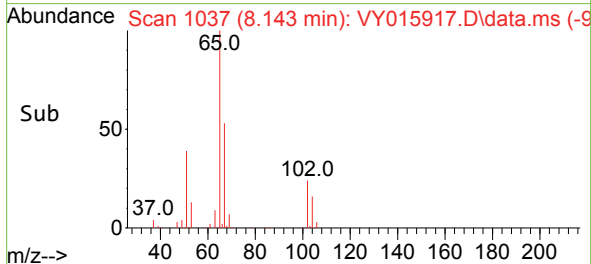
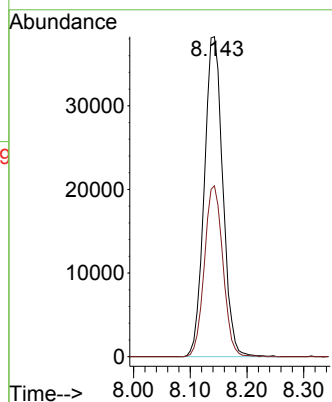


#33
 1,2-Dichloroethane-d4
 Concen: 62.890 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.006 min
 Lab File: VY015917.D
 Acq: 11 Oct 2023 12:37

Instrument :
 MSVOA_Y
 ClientSampleId :

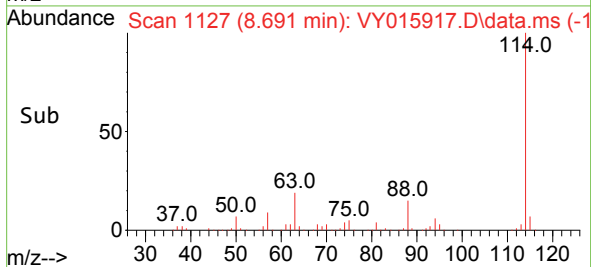
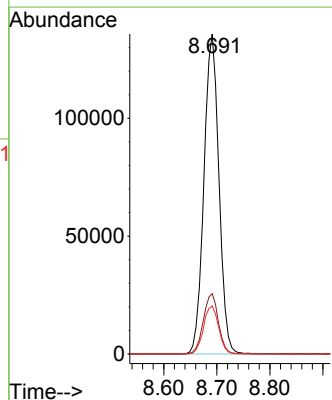
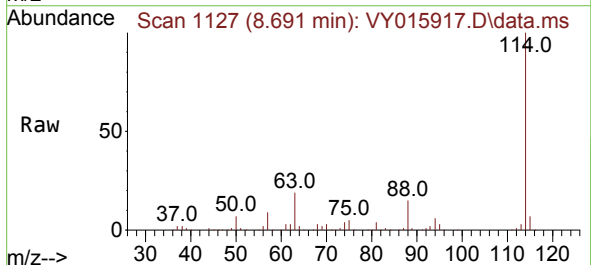


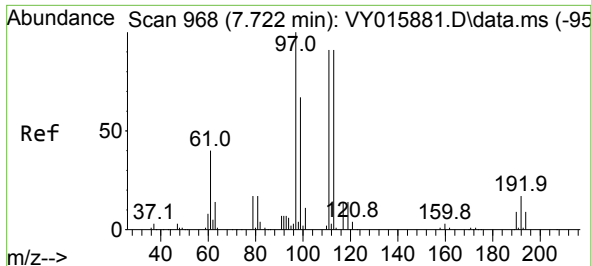
Tgt Ion: 65 Resp: 86703
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.006 min
 Lab File: VY015917.D
 Acq: 11 Oct 2023 12:37

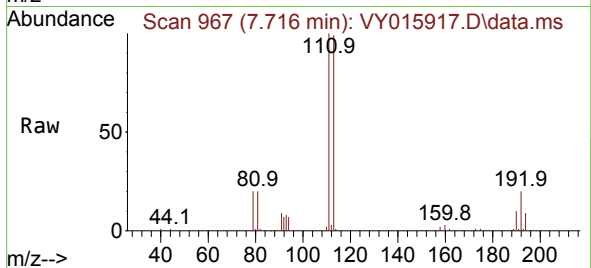
Tgt Ion: 114 Resp: 266307
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 42.4
 88 15.0 0.0 30.6



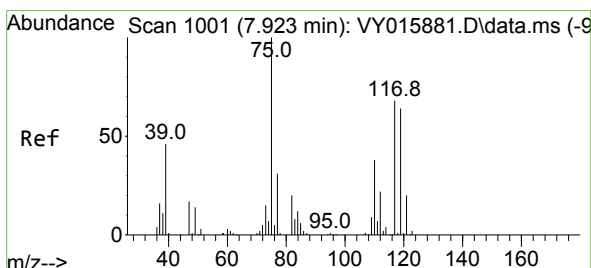
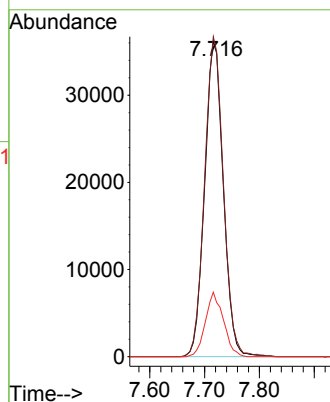
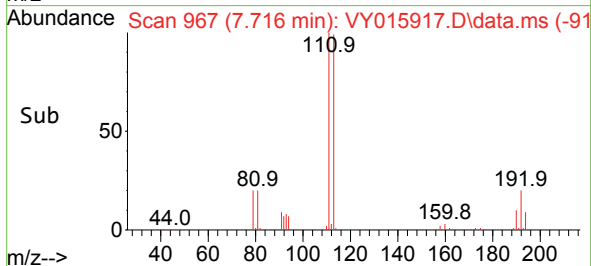


#35
Dibromofluoromethane
Concen: 57.419 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY015917.D
Acq: 11 Oct 2023 12:37

Instrument :
MSVOA_Y
ClientSampleId :

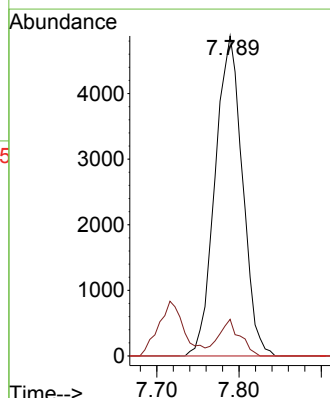
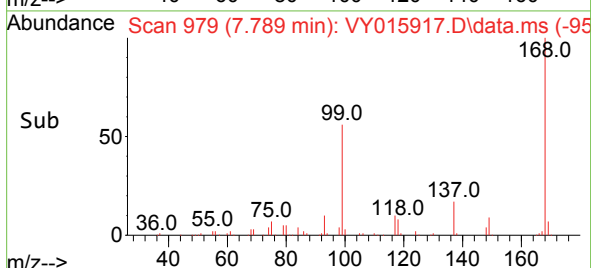
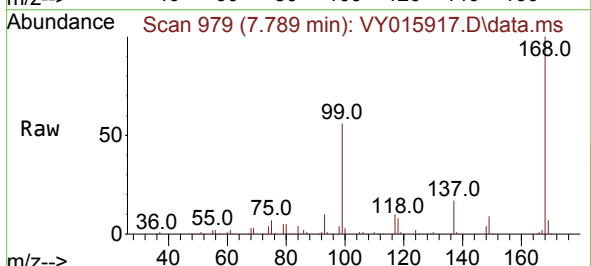


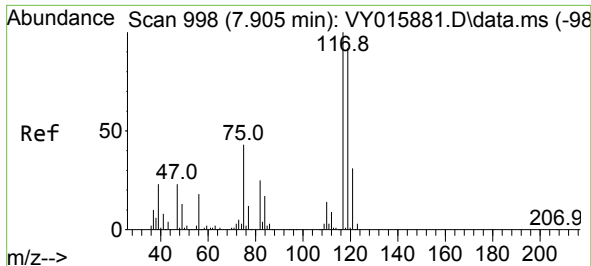
Tgt Ion:113 Resp: 85290
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 19.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 6.843 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY015917.D
Acq: 11 Oct 2023 12:37

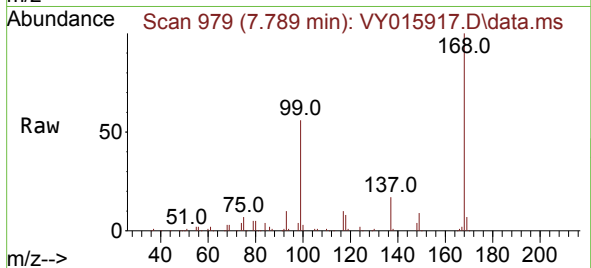
Tgt Ion: 75 Resp: 11258
Ion Ratio Lower Upper
75 100
110 9.0 17.8 53.5#
77 0.0 24.4 36.6#



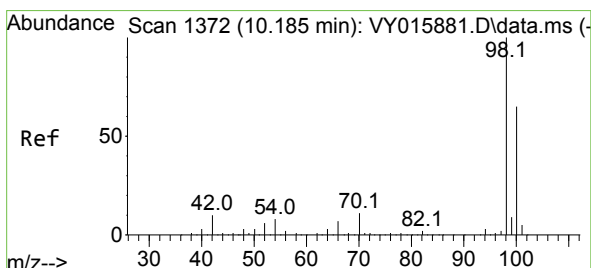
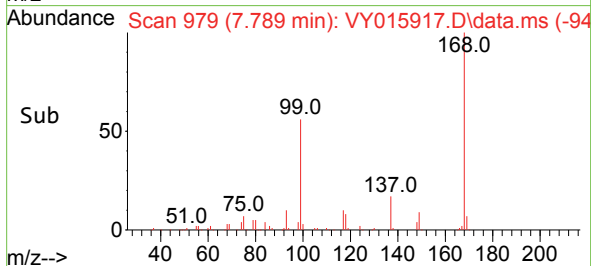
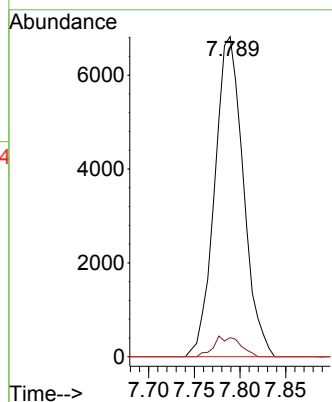


#38
Carbon Tetrachloride
Concen: 7.523 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY015917.D
Acq: 11 Oct 2023 12:37

Instrument :
MSVOA_Y
ClientSampleId :

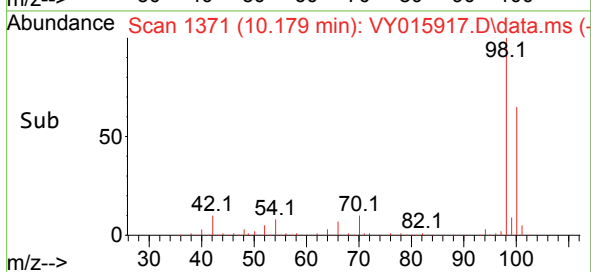
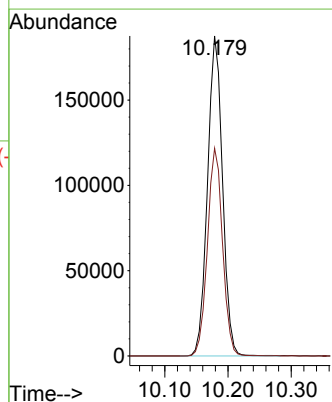
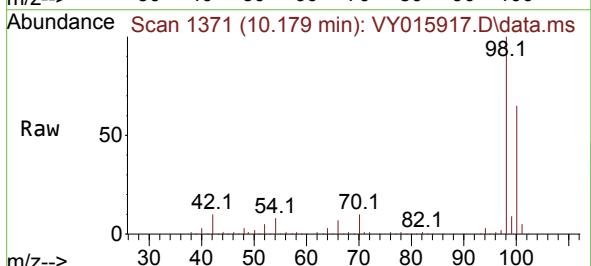


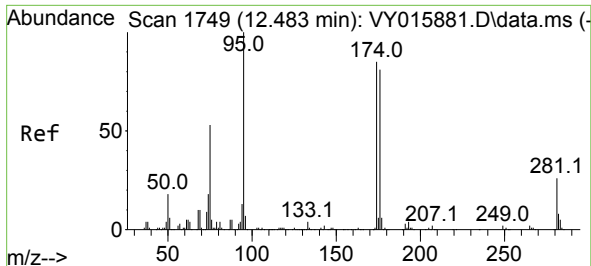
Tgt Ion:117 Resp: 14863
Ion Ratio Lower Upper
117 100
119 5.9 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 63.242 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY015917.D
Acq: 11 Oct 2023 12:37

Tgt Ion: 98 Resp: 309597
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

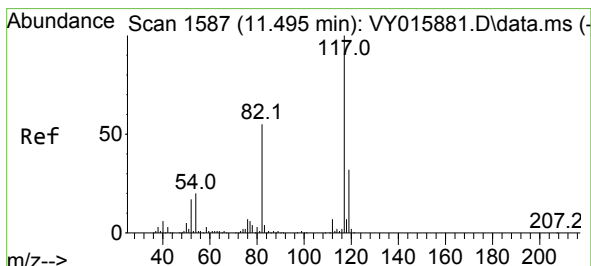
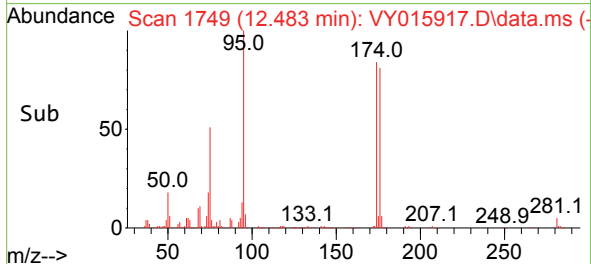
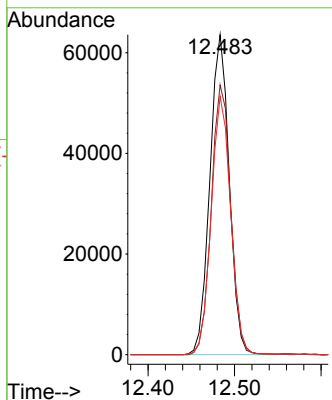
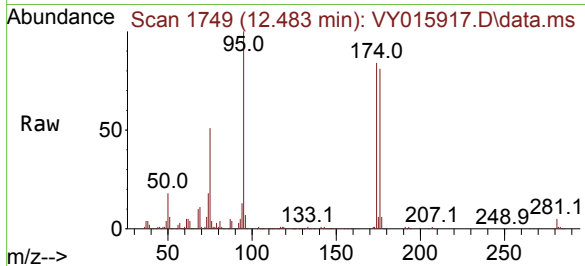




#62
4-Bromofluorobenzene
Concen: 49.727 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015917.D
Acq: 11 Oct 2023 12:37

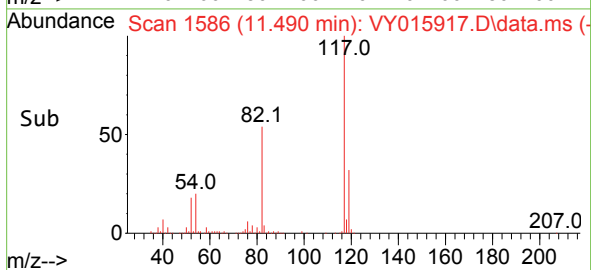
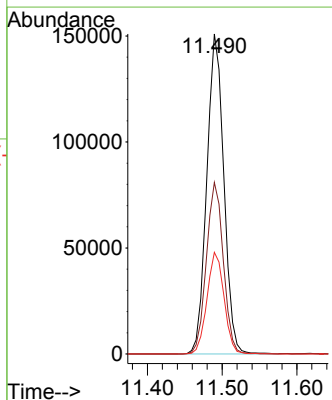
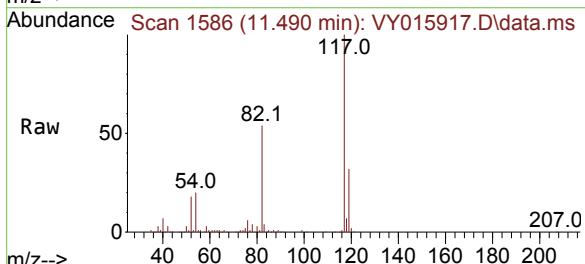
Instrument :
MSVOA_Y
ClientSampleId :

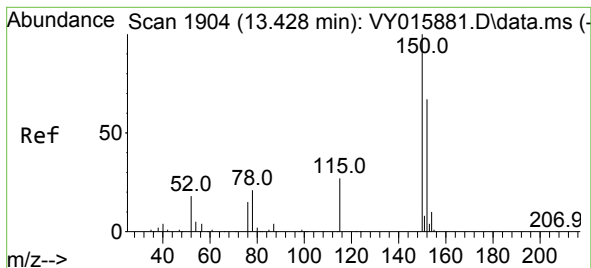
Tgt Ion: 95 Resp: 98877
Ion Ratio Lower Upper
95 100
174 84.8 0.0 178.2
176 80.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY015917.D
Acq: 11 Oct 2023 12:37

Tgt Ion: 117 Resp: 239665
Ion Ratio Lower Upper
117 100
82 53.6 43.4 65.0
119 31.8 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

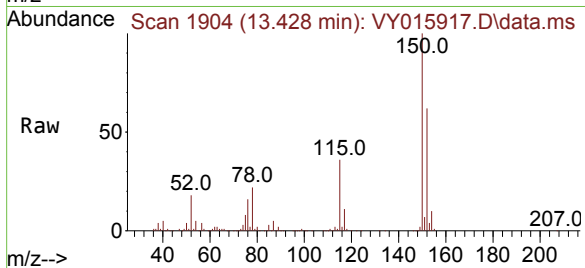
Lab File: VY015917.D

Acq: 11 Oct 2023 12:37

Instrument :

MSVOA_Y

ClientSampleId :



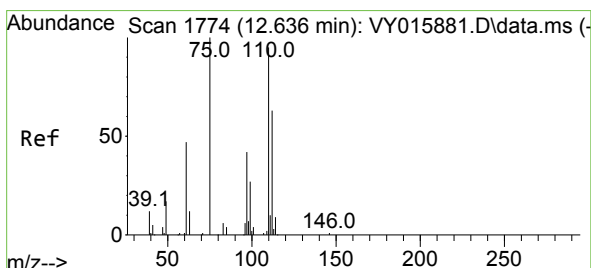
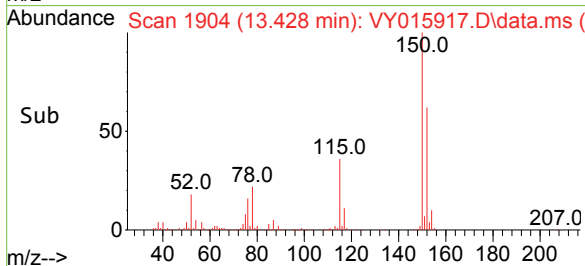
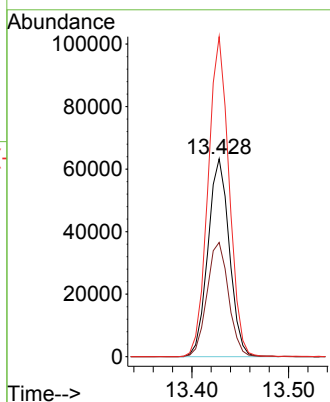
Tgt Ion:152 Resp: 97490

Ion Ratio Lower Upper

152 100

115 58.3 28.8 86.5

150 158.5 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 44.797 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY015917.D

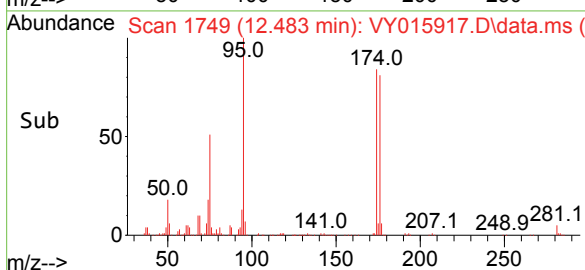
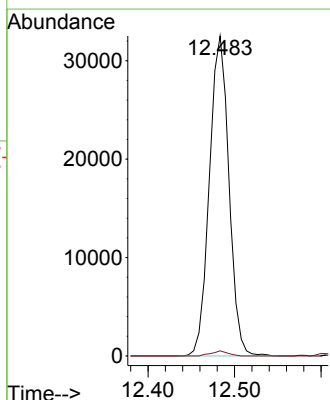
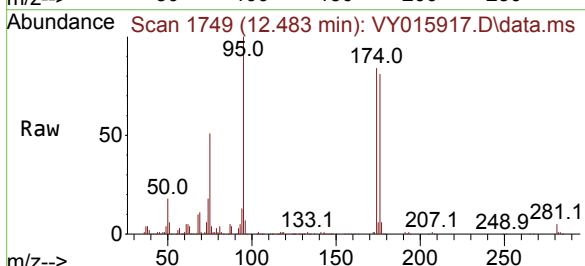
Acq: 11 Oct 2023 12:37

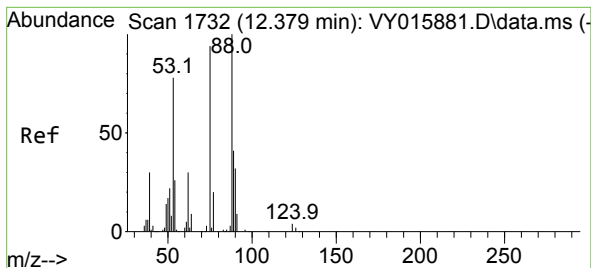
Tgt Ion: 75 Resp: 50982

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#

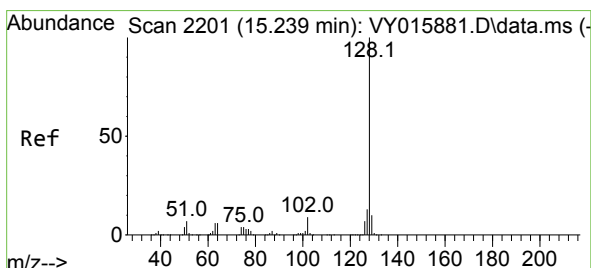
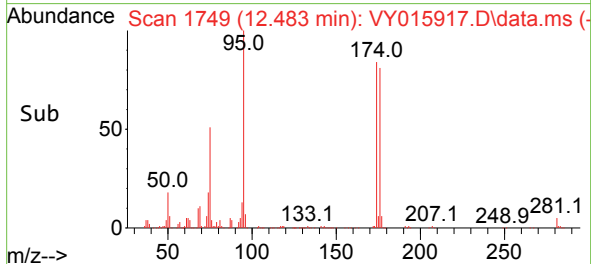
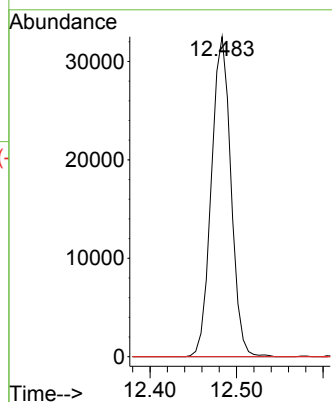
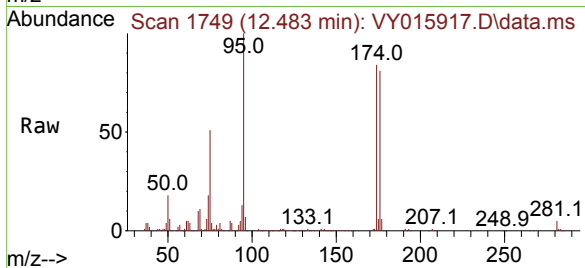




#81
trans-1,4-Dichloro-2-butene
Concen: 99.337 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY015917.D
Acq: 11 Oct 2023 12:37

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 50982
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#



#95
Naphthalene
Concen: 1.120 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY015917.D
Acq: 11 Oct 2023 12:37

Tgt Ion:128 Resp: 4687
Ion Ratio Lower Upper
128 100
127 17.3 10.8 16.2#
129 15.5 8.6 13.0#

