

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092623\
 Data File : VY015717.D
 Acq On : 26 Sep 2023 18:45
 Operator : SY/MD
 Sample : 04620-12
 Misc : 3.38g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 27 01:36:09 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)

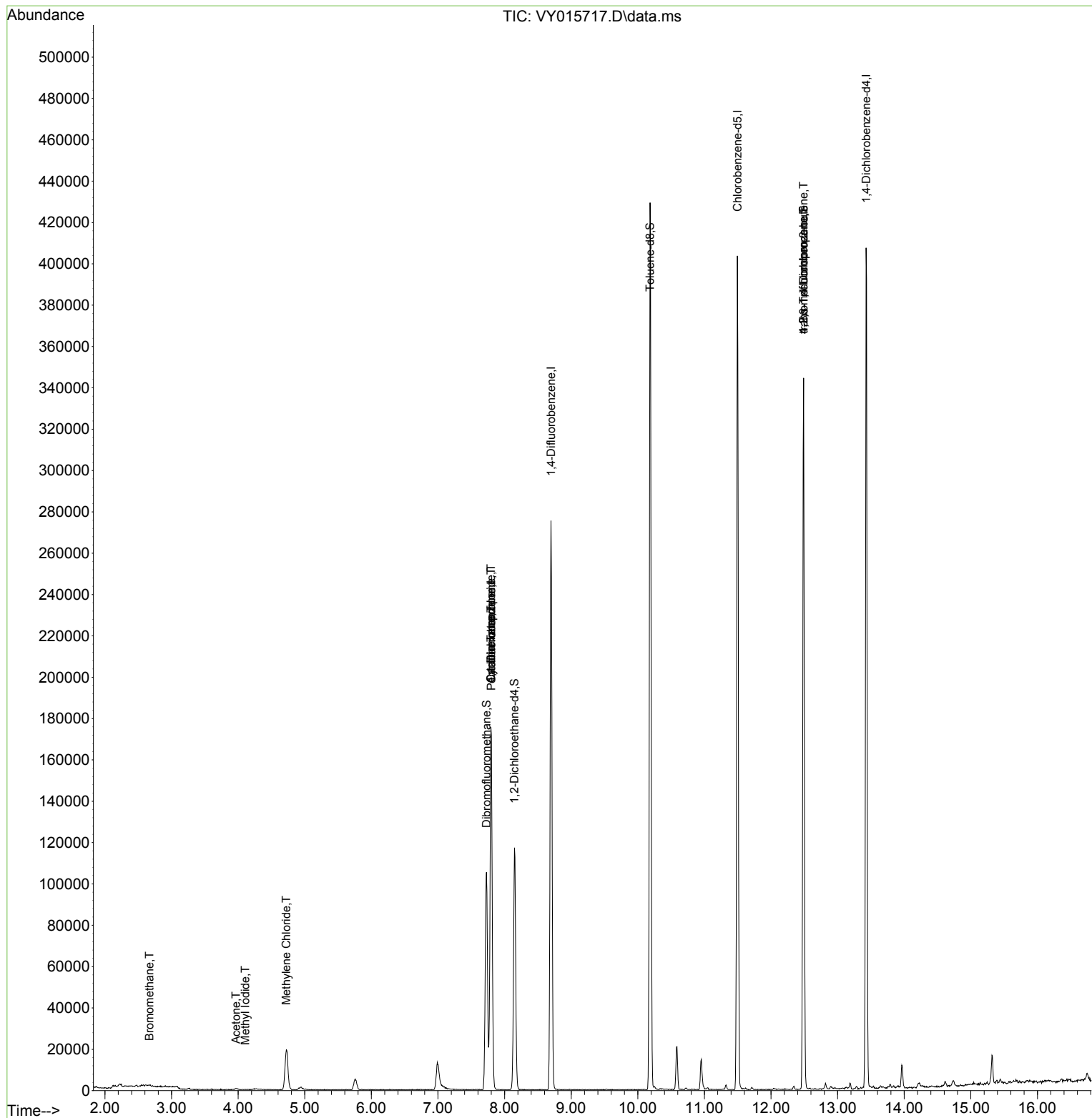
Internal Standards						
1) Pentafluorobenzene	7.801	168	138160	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.697	114	236892	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	218772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	91938	60.480	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.960%	
35) Dibromofluoromethane	7.728	113	75875	53.513	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.020%	
50) Toluene-d8	10.185	98	279718	58.183	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 116.360%	
62) 4-Bromofluorobenzene	12.489	95	97528	51.694	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.380%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.668	94	229	2.723	ug/l	98
10) Methyl Iodide	4.107	142	127	2.803	ug/l #	38
11) Tert butyl alcohol	4.948	59	1434	Below Cal	#	89
16) Acetone	3.966	43	1217	1.496	ug/l #	78
20) Methylene Chloride	4.722	84	14744	3.804	ug/l	86
31) Cyclohexane	7.795	56	2824	1.341	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	10921	5.209	ug/l #	49
38) Carbon Tetrachloride	7.795	117	13107	5.760	ug/l #	17
76) 1,2,3-Trichloropropane	12.489	75	51827	30.873	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	51827	69.523	ug/l #	11

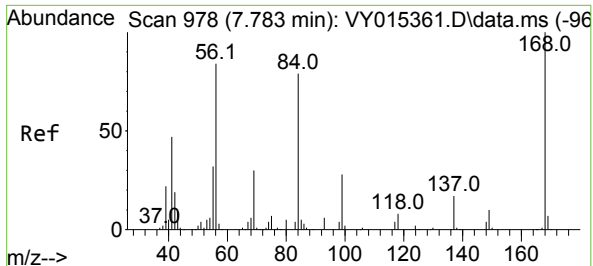
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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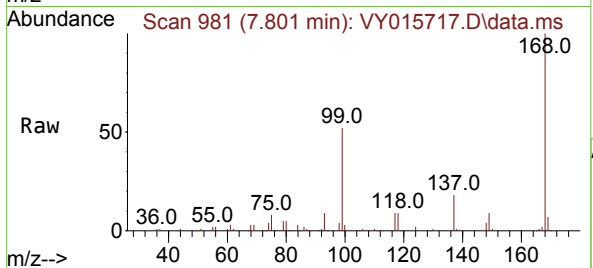
Quant Time: Sep 27 01:36:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 2023
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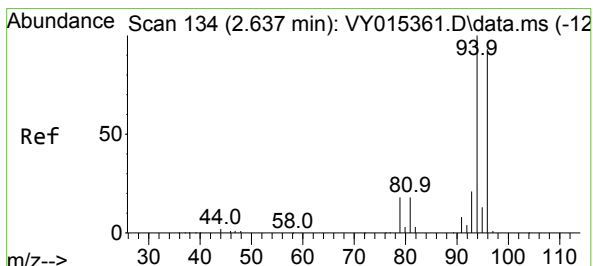
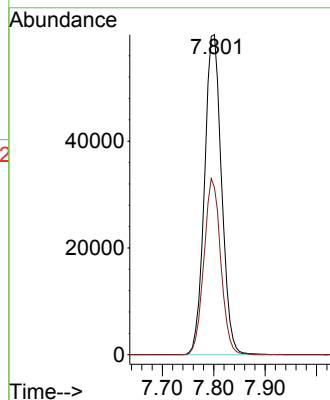
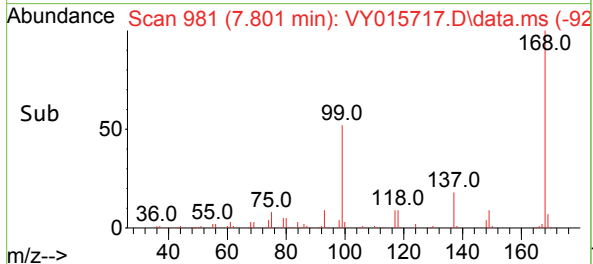


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY015717.D
Acq: 26 Sep 2023 18:45

Instrument :
MSVOA_Y
ClientSampleId :

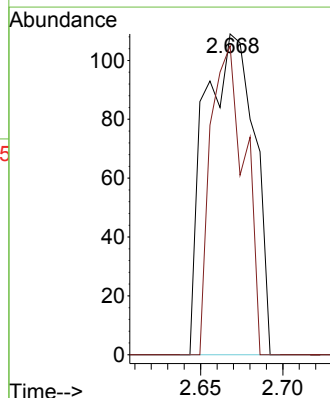
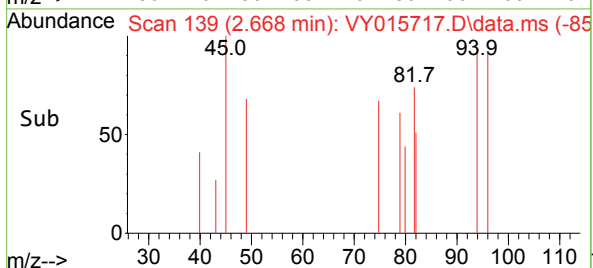
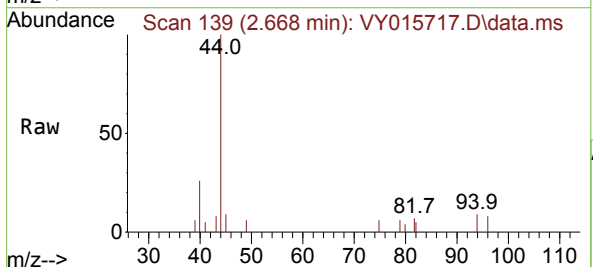


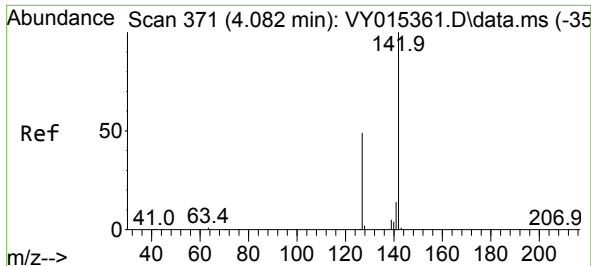
Tgt Ion:168 Resp: 138160
Ion Ratio Lower Upper
168 100
99 52.2 43.4 65.0



#5
Bromomethane
Concen: 2.723 ug/l
RT: 2.668 min Scan# 139
Delta R.T. 0.031 min
Lab File: VY015717.D
Acq: 26 Sep 2023 18:45

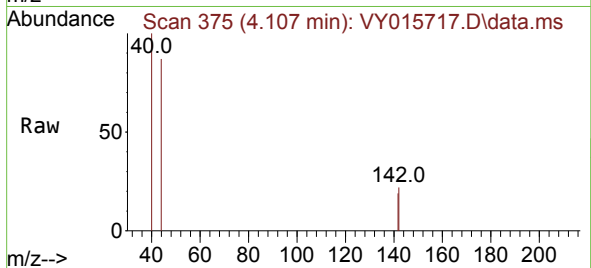
Tgt Ion: 94 Resp: 229
Ion Ratio Lower Upper
94 100
96 96.3 75.8 113.6



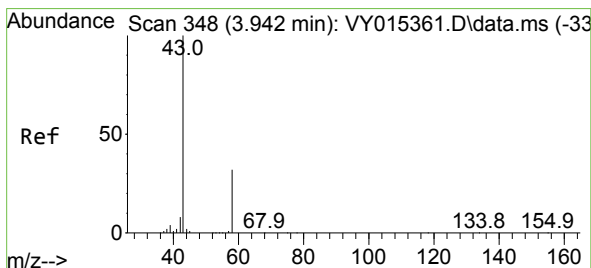
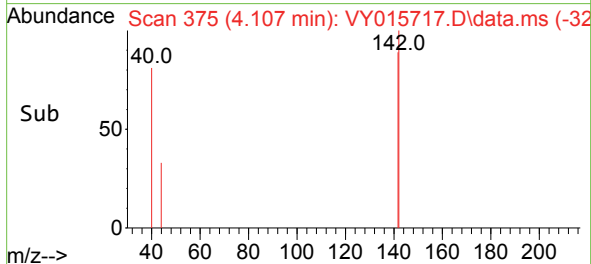
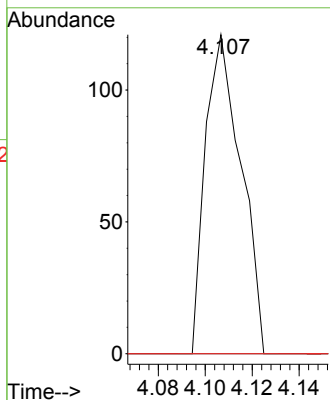


#10
Methyl Iodide
Concen: 2.803 ug/l
RT: 4.107 min Scan# 31
Delta R.T. 0.025 min
Lab File: VY015717.D
Acq: 26 Sep 2023 18:45

Instrument :
MSVOA_Y
ClientSampleId :

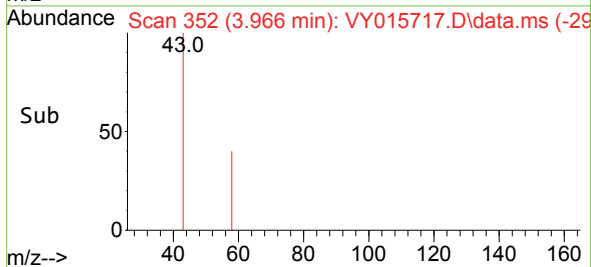
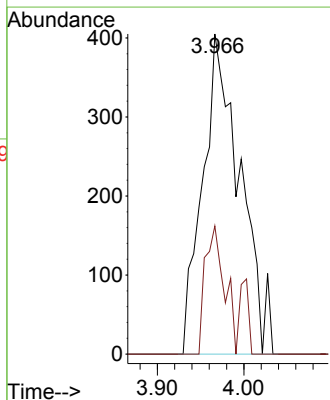
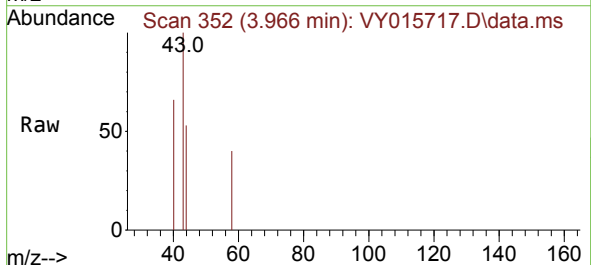


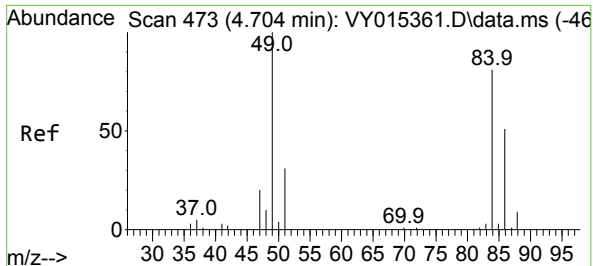
Tgt Ion:142 Resp: 127
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#



#16
Acetone
Concen: 1.496 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.024 min
Lab File: VY015717.D
Acq: 26 Sep 2023 18:45

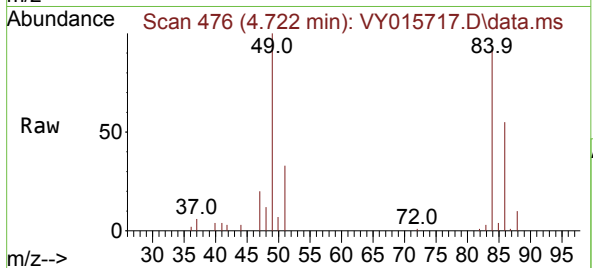
Tgt Ion: 43 Resp: 1217
Ion Ratio Lower Upper
43 100
58 40.0 22.7 34.1#





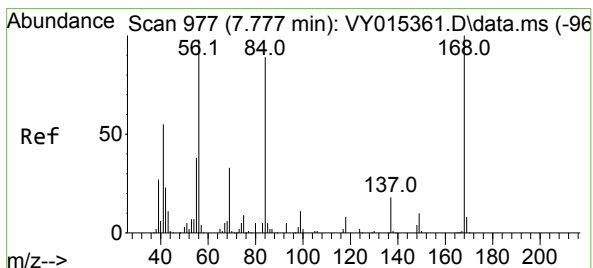
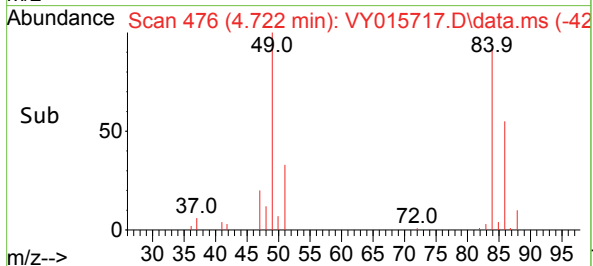
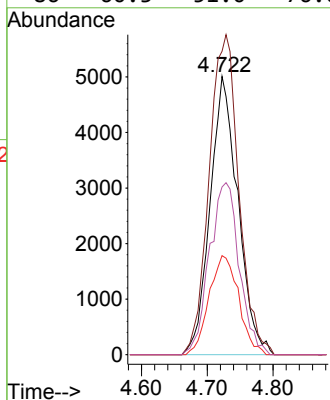
#20
Methylene Chloride
Concen: 3.804 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.018 min
Lab File: VY015717.D
Acq: 26 Sep 2023 18:45

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 14744

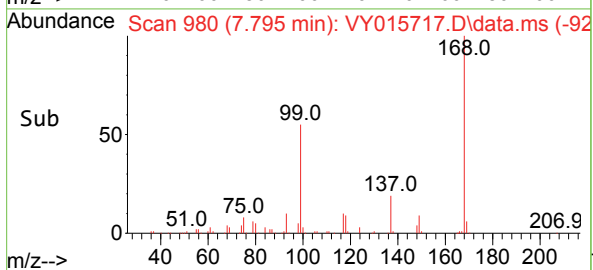
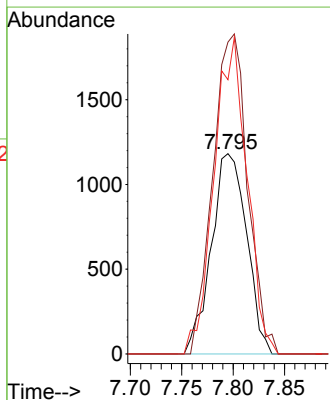
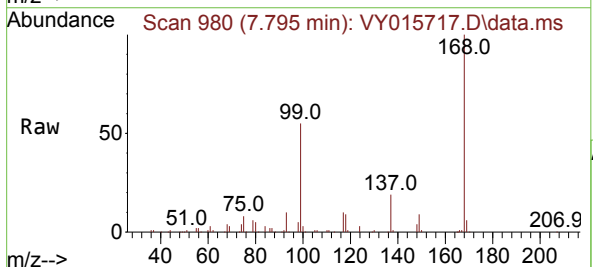
Ion	Ratio	Lower	Upper
84	100		
49	109.0	106.9	160.3
51	35.6	33.2	49.8
86	60.3	51.0	76.6

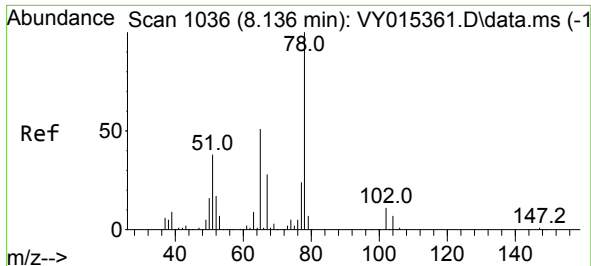


#31
Cyclohexane
Concen: 1.341 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY015717.D
Acq: 26 Sep 2023 18:45

Tgt Ion: 56 Resp: 2824

Ion	Ratio	Lower	Upper
56	100		
69	155.7	27.8	41.6#
84	136.9	66.4	99.6#

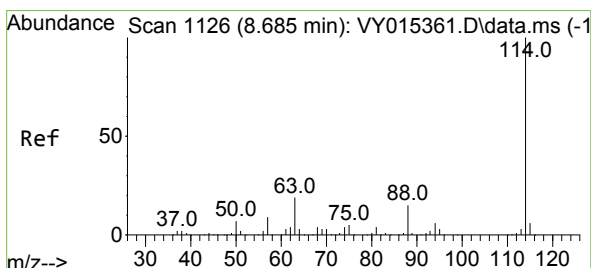
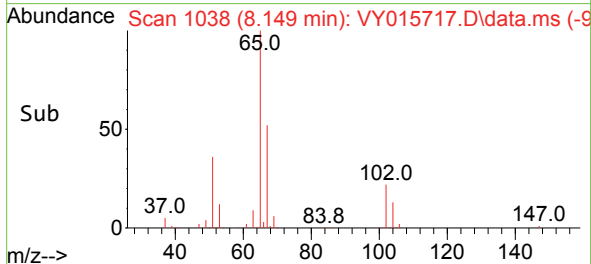
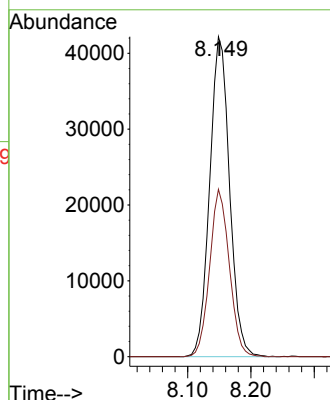
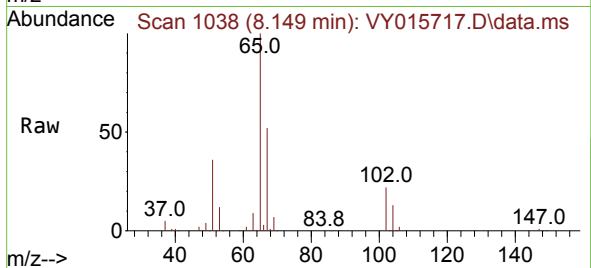




#33
 1,2-Dichloroethane-d4
 Concen: 60.480 ug/l
 RT: 8.149 min Scan# 110
 Delta R.T. 0.013 min
 Lab File: VY015717.D
 Acq: 26 Sep 2023 18:45

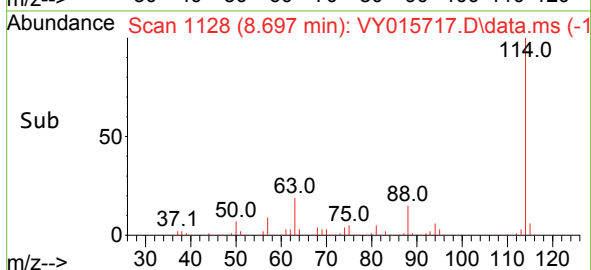
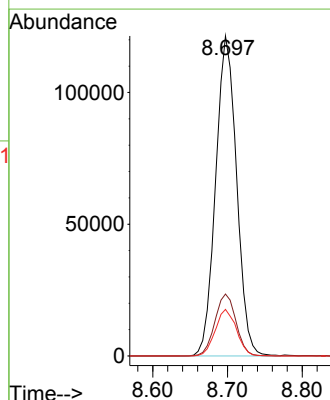
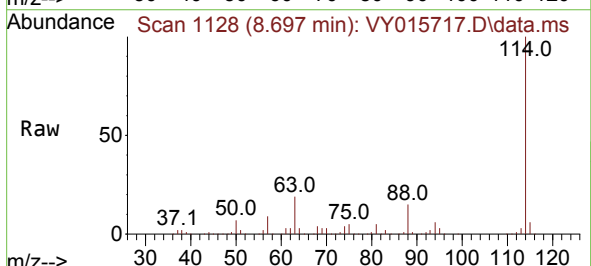
Instrument :
 MSVOA_Y
 ClientSampleId :

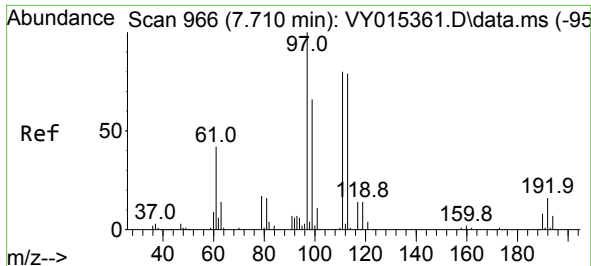
Tgt Ion: 65 Resp: 91938
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.012 min
 Lab File: VY015717.D
 Acq: 26 Sep 2023 18:45

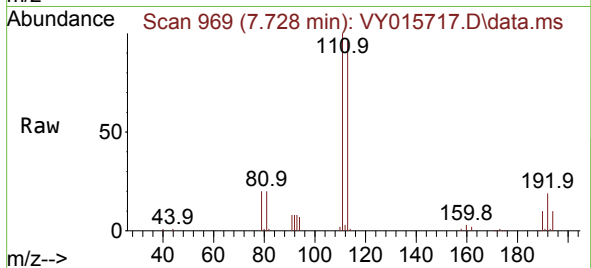
Tgt Ion:114 Resp: 236892
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 42.4
 88 14.5 0.0 30.6



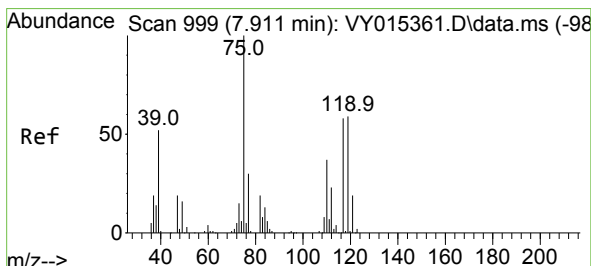
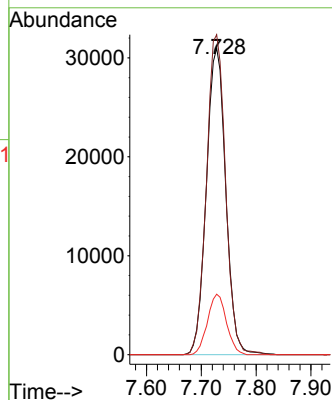
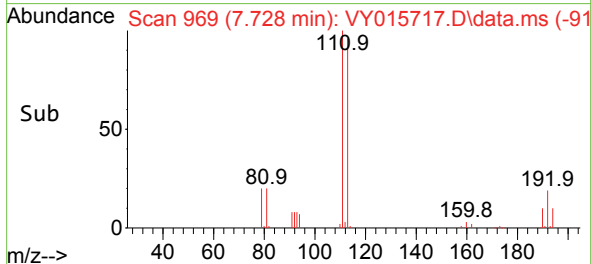


#35
Dibromofluoromethane
Concen: 53.513 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015717.D
Acq: 26 Sep 2023 18:45

Instrument :
MSVOA_Y
ClientSampleId :

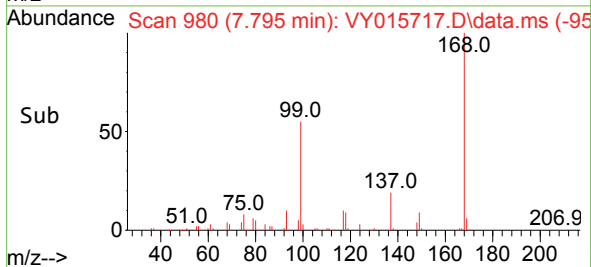
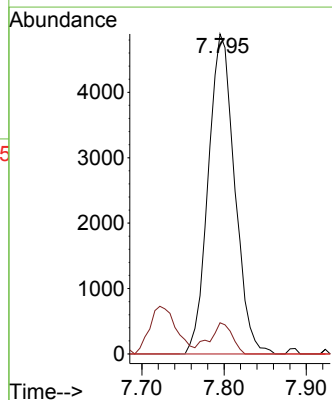
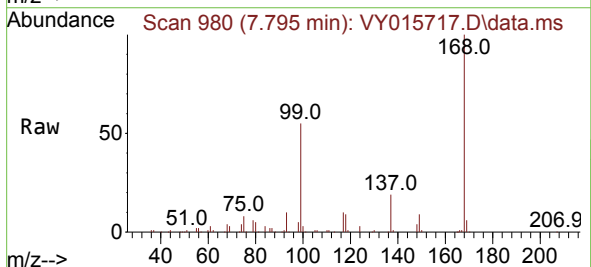


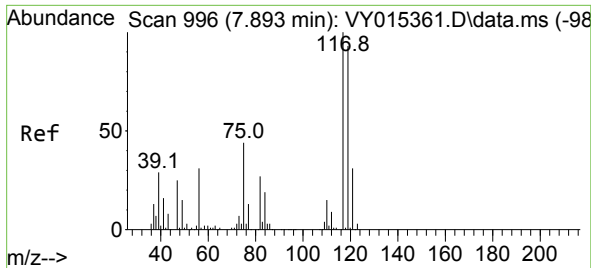
Tgt Ion:113 Resp: 75875
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 19.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.209 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY015717.D
Acq: 26 Sep 2023 18:45

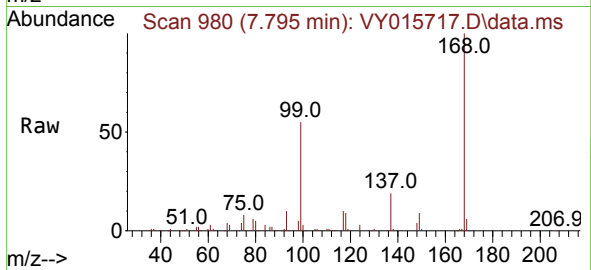
Tgt Ion: 75 Resp: 10921
Ion Ratio Lower Upper
75 100
110 8.2 17.8 53.5#
77 0.0 24.4 36.6#



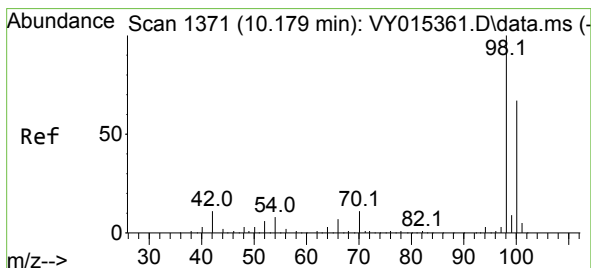
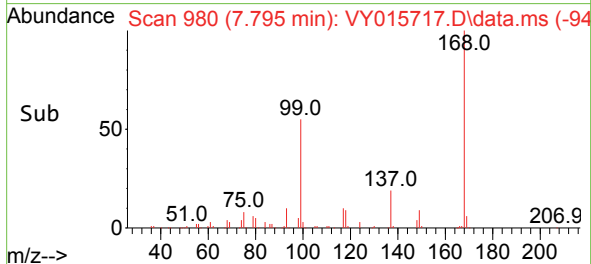
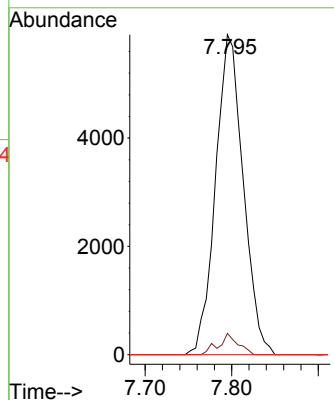


#38
Carbon Tetrachloride
Concen: 5.760 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.098 min
Lab File: VY015717.D
Acq: 26 Sep 2023 18:45

Instrument :
MSVOA_Y
ClientSampleId :

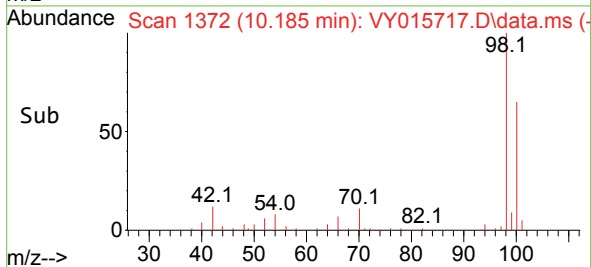
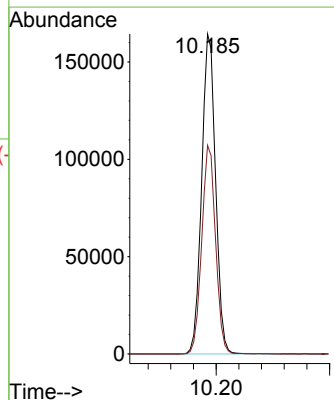
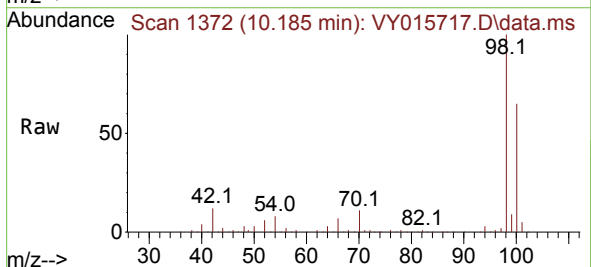


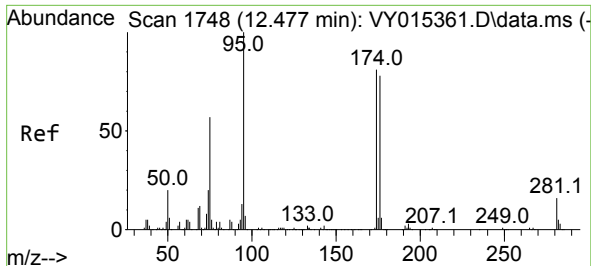
Tgt Ion:117 Resp: 13107
Ion Ratio Lower Upper
117 100
119 6.7 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 58.183 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY015717.D
Acq: 26 Sep 2023 18:45

Tgt Ion: 98 Resp: 279718
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1

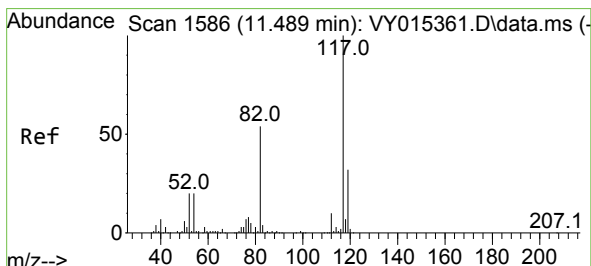
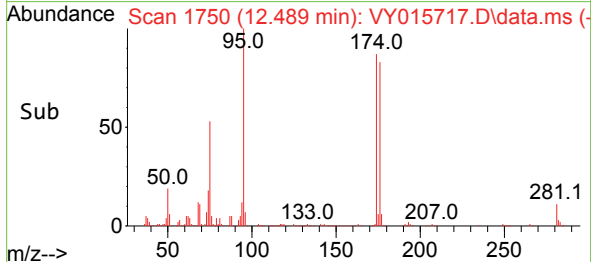
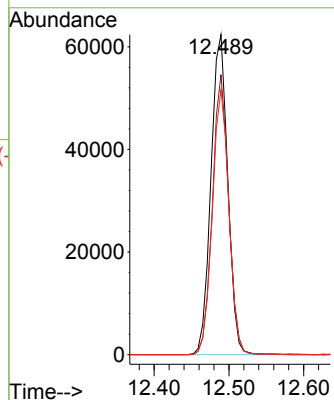
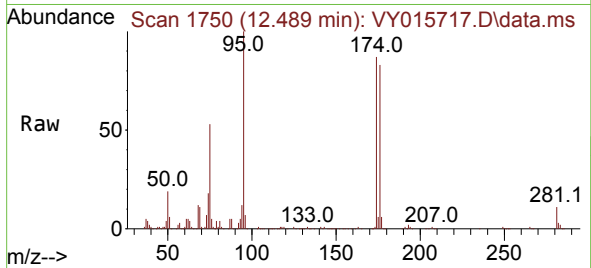




#62
4-Bromofluorobenzene
Concen: 51.694 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015717.D
Acq: 26 Sep 2023 18:45

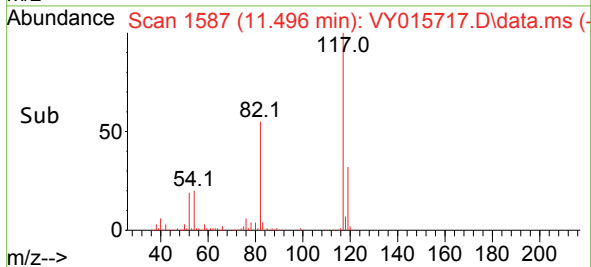
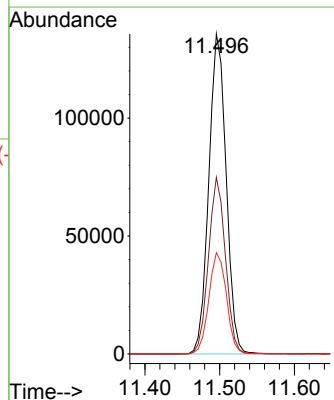
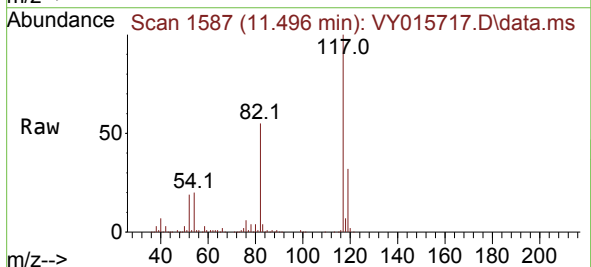
Instrument :
MSVOA_Y
ClientSampleId :

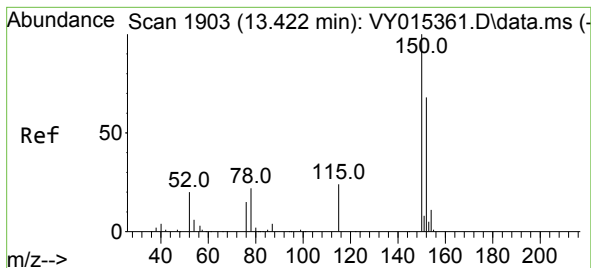
Tgt Ion: 95 Resp: 97528
Ion Ratio Lower Upper
95 100
174 84.6 0.0 178.2
176 81.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY015717.D
Acq: 26 Sep 2023 18:45

Tgt Ion: 117 Resp: 218772
Ion Ratio Lower Upper
117 100
82 55.2 43.4 65.0
119 31.7 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

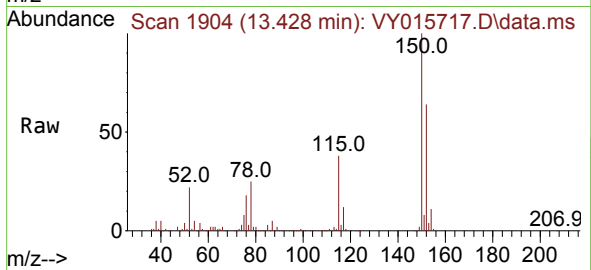
Lab File: VY015717.D

Acq: 26 Sep 2023 18:45

Instrument :

MSVOA_Y

ClientSampleId :



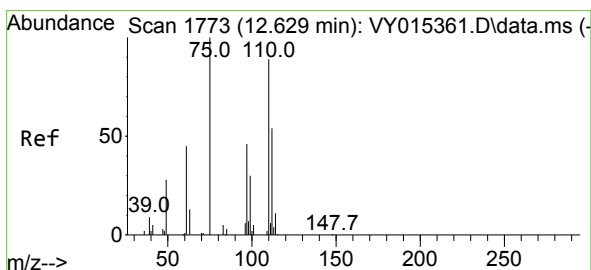
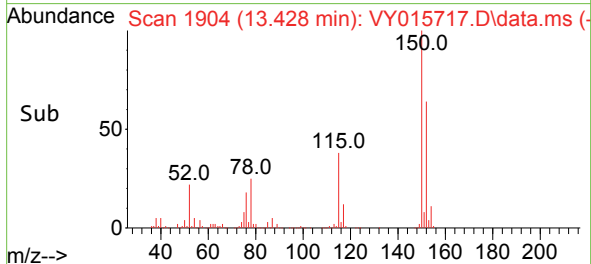
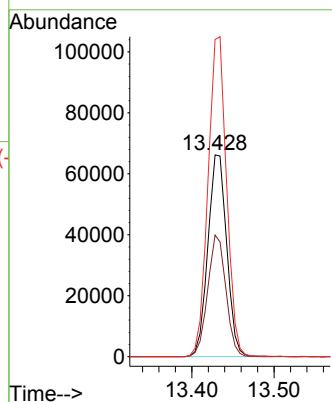
Tgt Ion:152 Resp: 105227

Ion Ratio Lower Upper

152 100

115 58.3 28.8 86.5

150 156.3 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 30.873 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.140 min

Lab File: VY015717.D

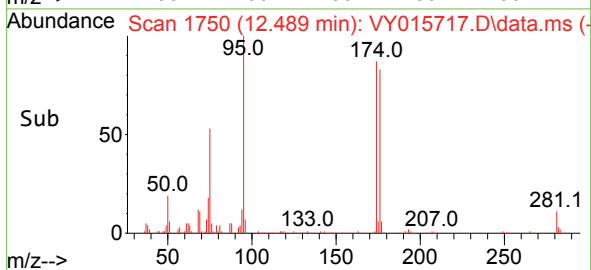
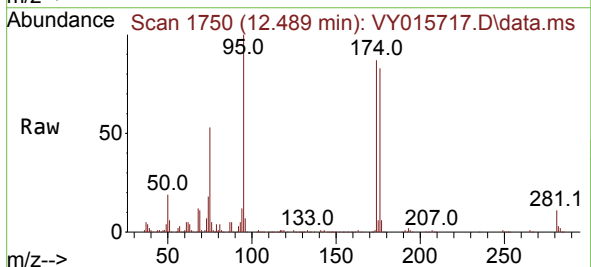
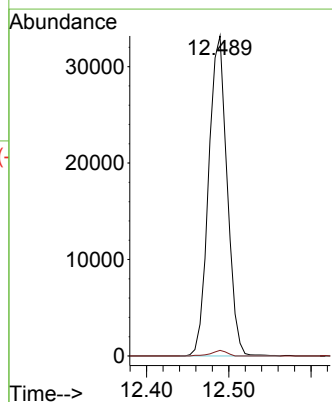
Acq: 26 Sep 2023 18:45

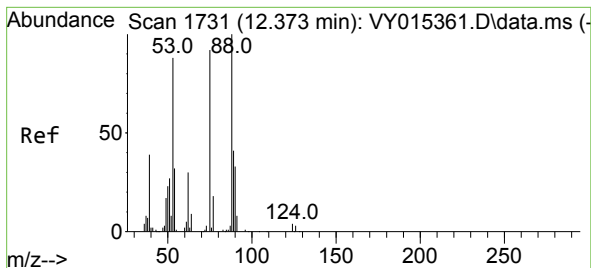
Tgt Ion: 75 Resp: 51827

Ion Ratio Lower Upper

75 100

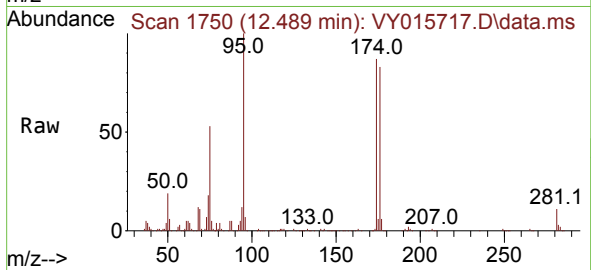
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.523 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY015717.D
 Acq: 26 Sep 2023 18:45

Instrument :
 MSVOA_Y
 ClientSampleId :



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

