

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091823\
 Data File : VY015631.D
 Acq On : 18 Sep 2023 21:41
 Operator : SY/MD
 Sample : 04453-01
 Misc : 5.19g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 19 02:09:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

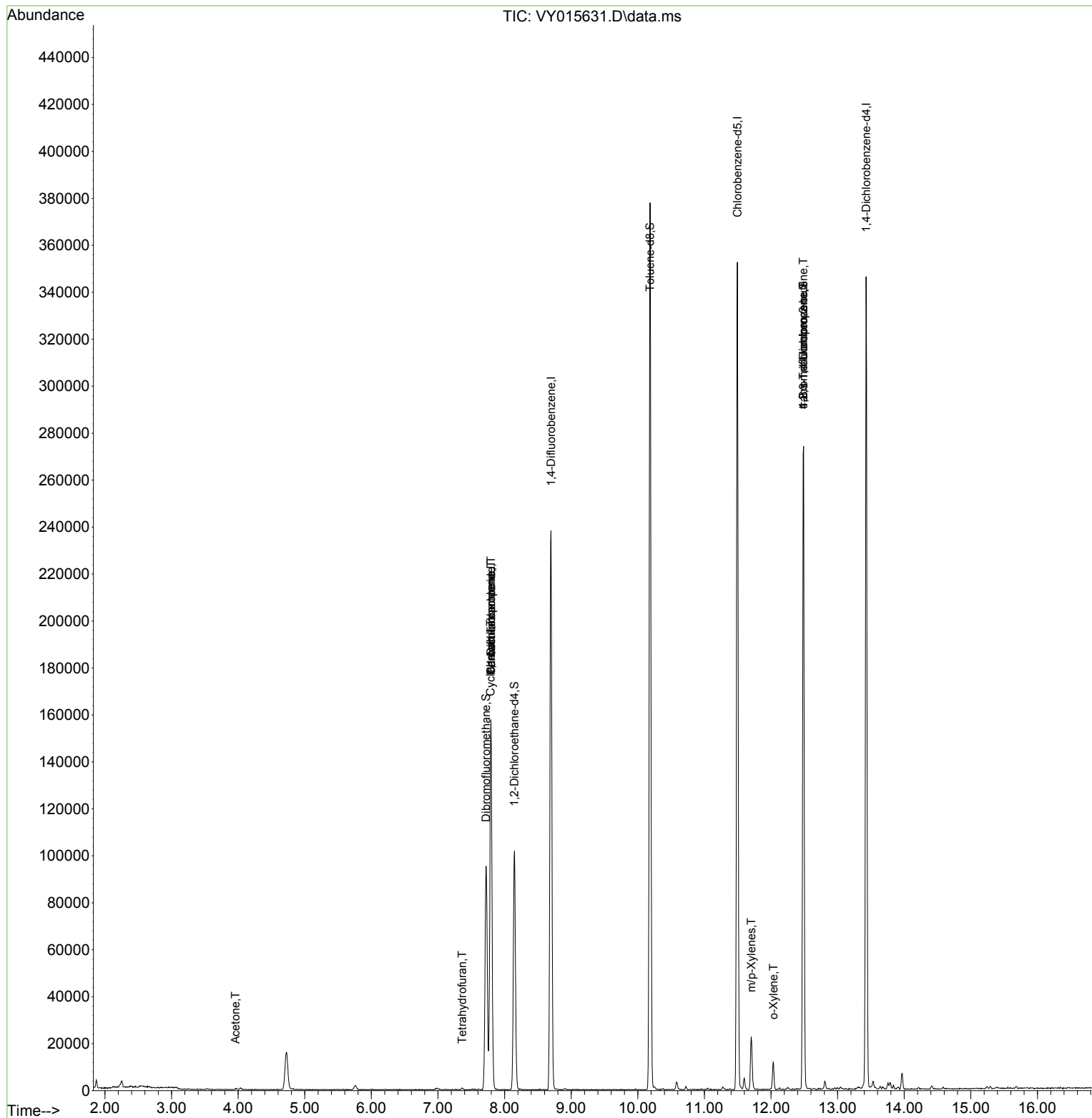
Internal Standards						
1) Pentafluorobenzene	7.795	168	122112	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	210605	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	193021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87608	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	78846	60.233	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.460%	
35) Dibromofluoromethane	7.722	113	67825	55.913	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.820%	
50) Toluene-d8	10.185	98	246965	56.220	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.440%	
62) 4-Bromofluorobenzene	12.483	95	82630	50.669	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.340%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.978	59	52	Below Cal	#	89
16) Acetone	3.960	43	702	1.285	ug/l #	46
29) Tetrahydrofuran	7.362	42	551	1.132	ug/l #	65
31) Cyclohexane	7.789	56	2506	1.078	ug/l #	6
36) 1,1-Dichloropropene	7.795	75	9418	4.422	ug/l #	50
38) Carbon Tetrachloride	7.795	117	11996	5.453	ug/l #	16
68) m/p-Xylenes	11.703	106	6570	2.269	ug/l	98
69) o-Xylene	12.038	106	3054	1.104	ug/l	94
76) 1,2,3-Trichloropropane	12.483	75	44075	37.938	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44075	83.686	ug/l #	10

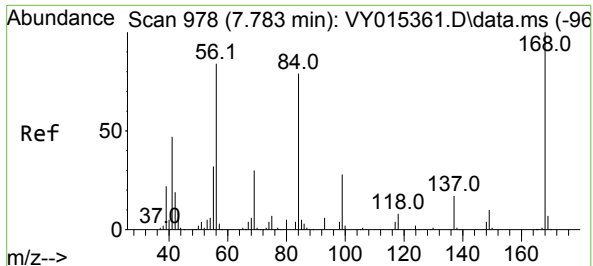
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091823\
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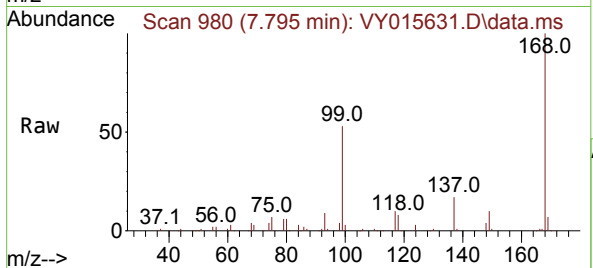
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
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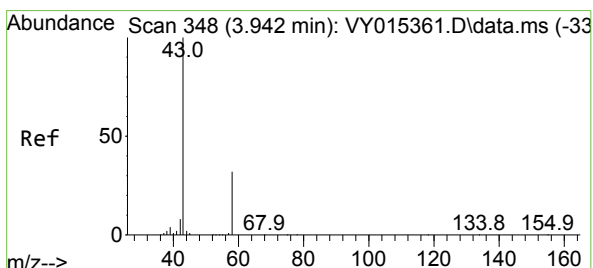
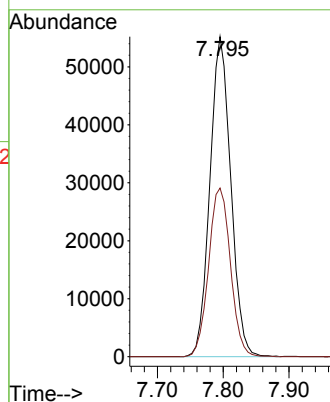
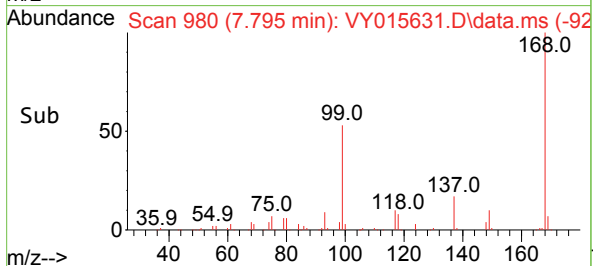


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015631.D
Acq: 18 Sep 2023 21:41

Instrument :
MSVOA_Y
ClientSampleId :

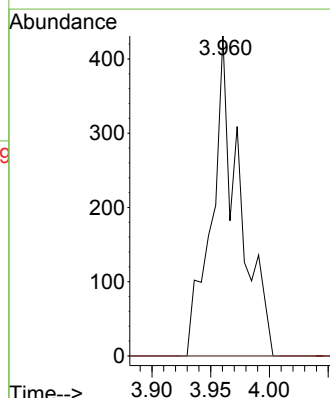
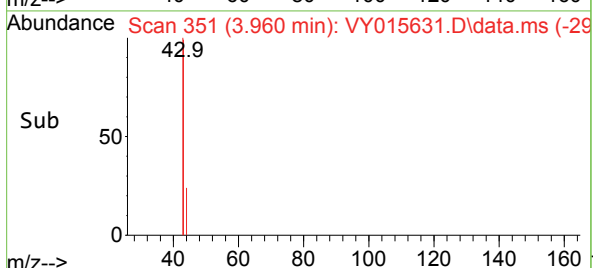
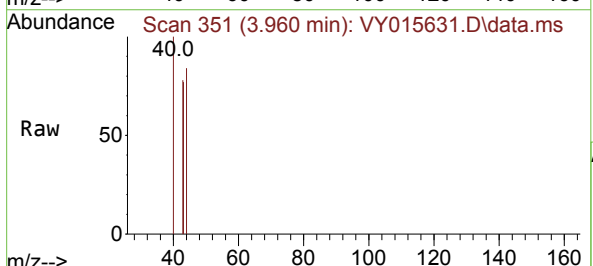


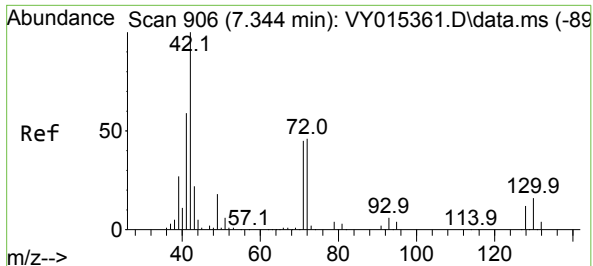
Tgt Ion:168 Resp: 122112
Ion Ratio Lower Upper
168 100
99 52.7 43.4 65.0



#16
Acetone
Concen: 1.285 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY015631.D
Acq: 18 Sep 2023 21:41

Tgt Ion: 43 Resp: 702
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#





#29

Tetrahydrofuran

Concen: 1.132 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.018 min

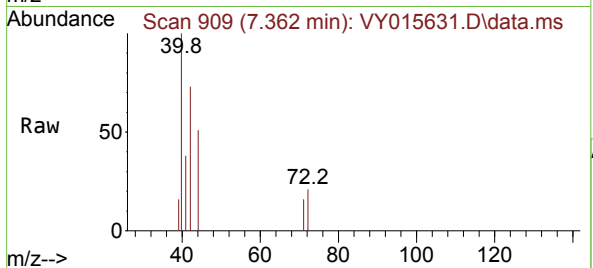
Lab File: VY015631.D

Acq: 18 Sep 2023 21:41

Instrument :

MSVOA_Y

ClientSampleId :



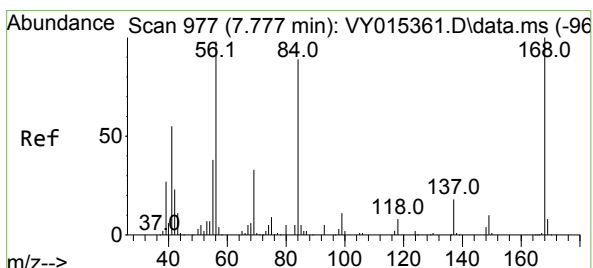
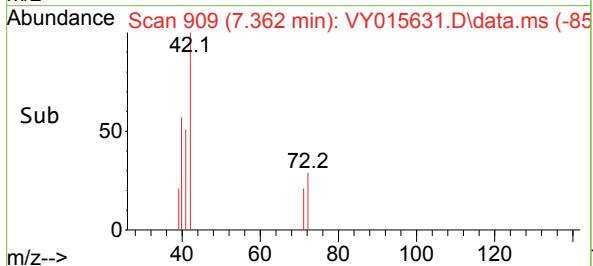
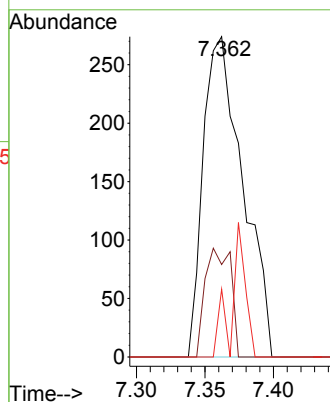
Tgt Ion: 42 Resp: 551

Ion Ratio Lower Upper

42 100

72 21.8 32.8 49.2#

71 14.9 31.0 46.4#



#31

Cyclohexane

Concen: 1.078 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY015631.D

Acq: 18 Sep 2023 21:41

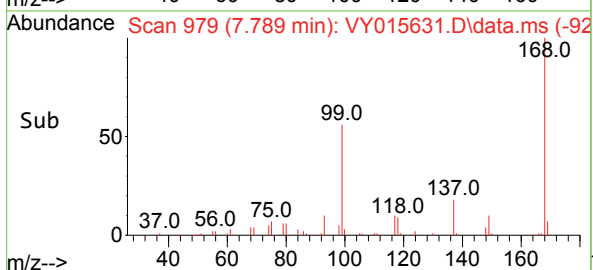
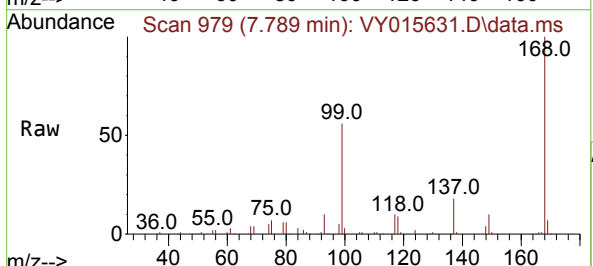
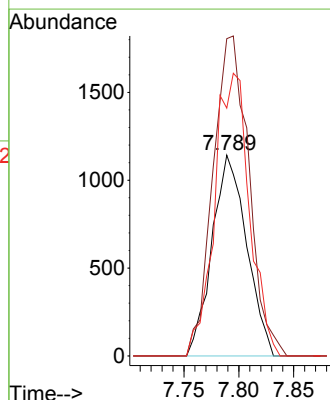
Tgt Ion: 56 Resp: 2506

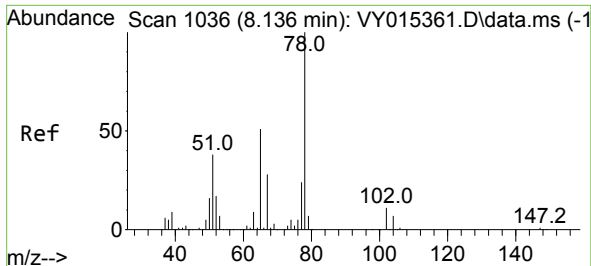
Ion Ratio Lower Upper

56 100

69 158.0 27.8 41.6#

84 123.4 66.4 99.6#

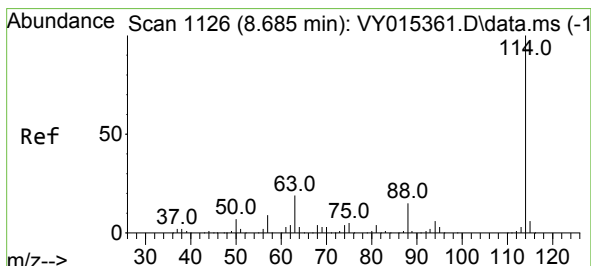
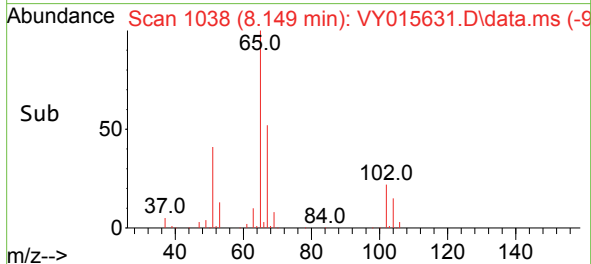
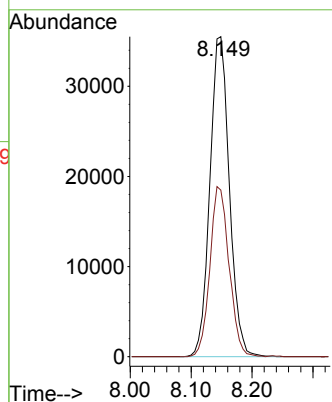
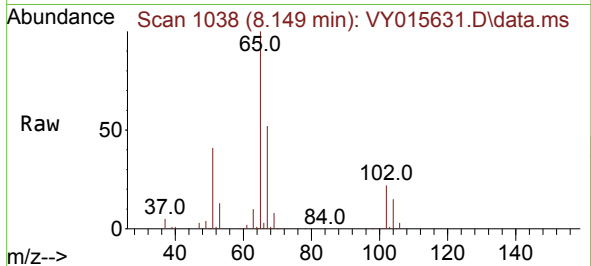




#33
 1,2-Dichloroethane-d4
 Concen: 60.233 ug/l
 RT: 8.149 min Scan# 1036
 Delta R.T. 0.012 min
 Lab File: VY015631.D
 Acq: 18 Sep 2023 21:41

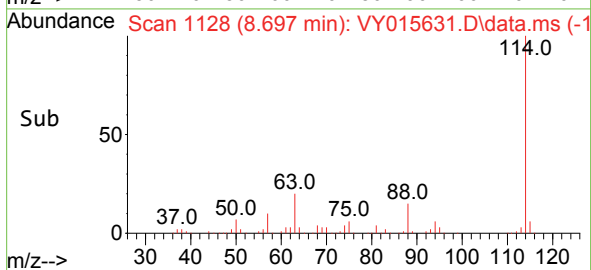
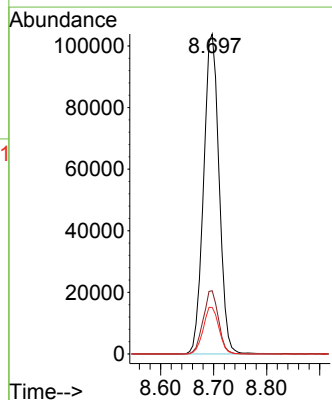
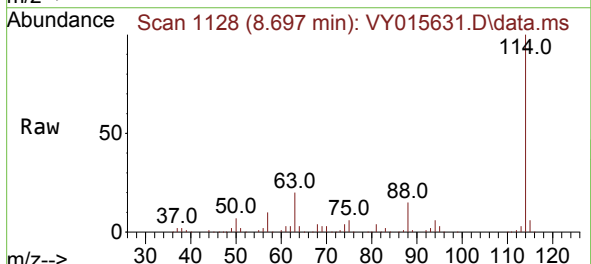
Instrument :
 MSVOA_Y
 ClientSampleId :

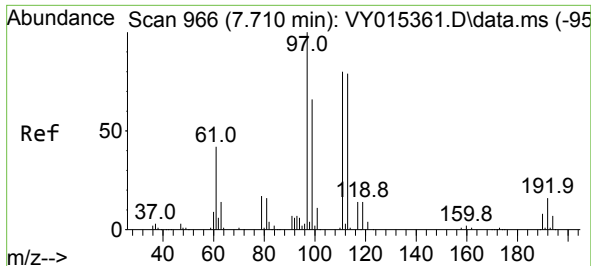
Tgt Ion: 65 Resp: 78846
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.012 min
 Lab File: VY015631.D
 Acq: 18 Sep 2023 21:41

Tgt Ion: 114 Resp: 210605
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 42.4
 88 14.6 0.0 30.6

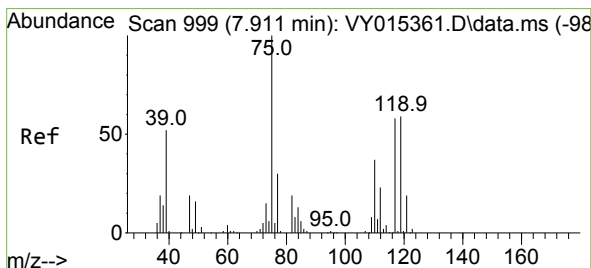
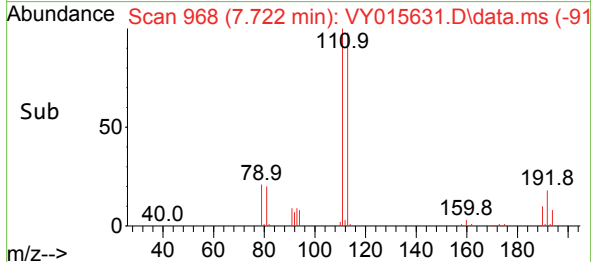
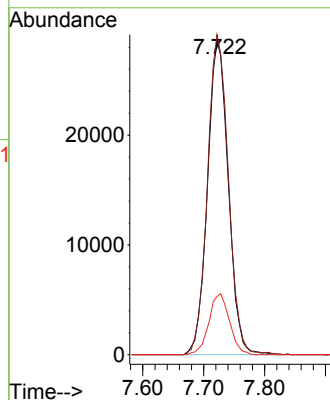
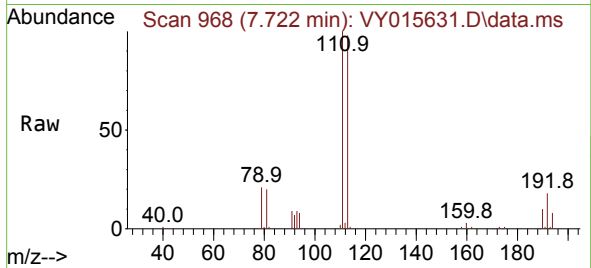




#35
Dibromofluoromethane
Concen: 55.913 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY015631.D
Acq: 18 Sep 2023 21:41

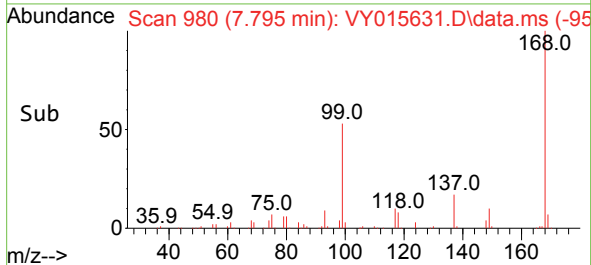
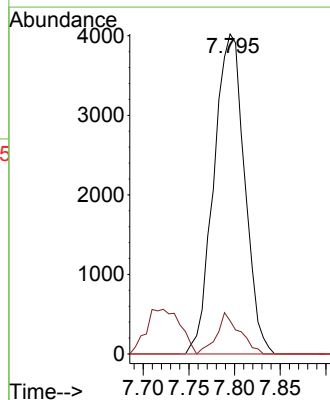
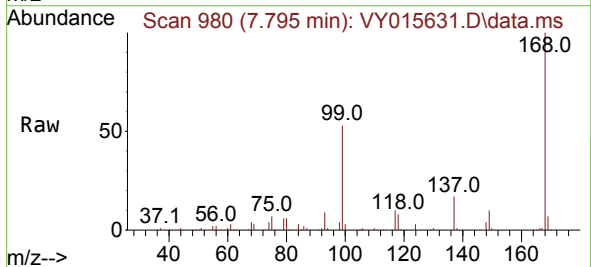
Instrument :
MSVOA_Y
ClientSampleId :

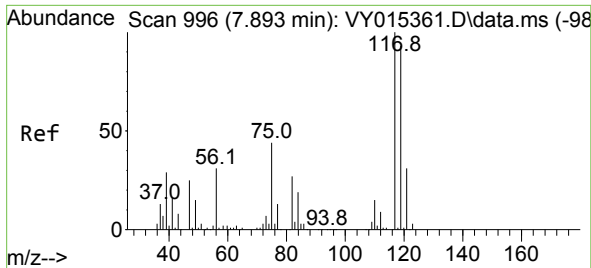
Tgt Ion:113 Resp: 67825
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 19.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.422 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY015631.D
Acq: 18 Sep 2023 21:41

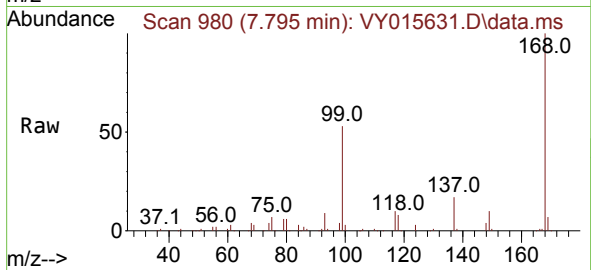
Tgt Ion: 75 Resp: 9418
Ion Ratio Lower Upper
75 100
110 9.6 17.8 53.5#
77 0.0 24.4 36.6#



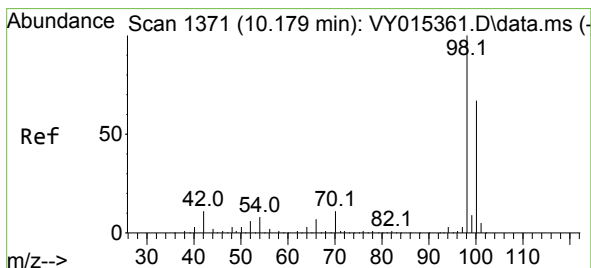
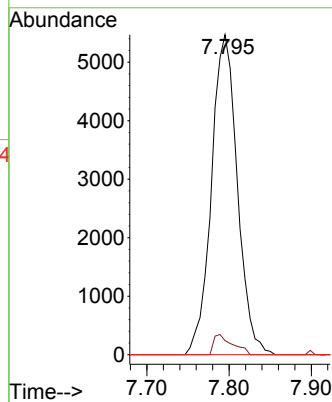
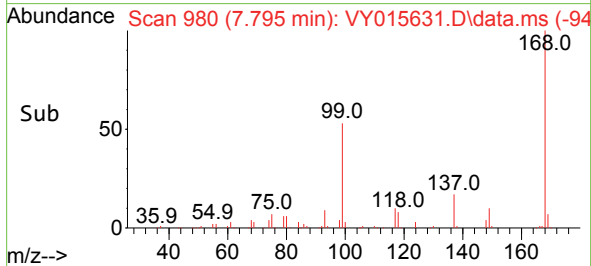


#38
Carbon Tetrachloride
Concen: 5.453 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.098 min
Lab File: VY015631.D
Acq: 18 Sep 2023 21:41

Instrument :
MSVOA_Y
ClientSampleId :

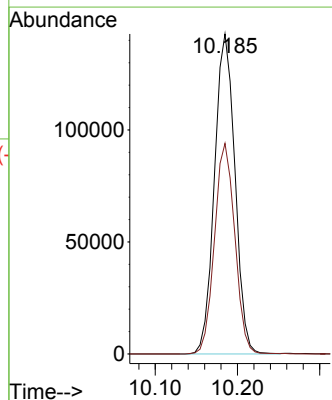
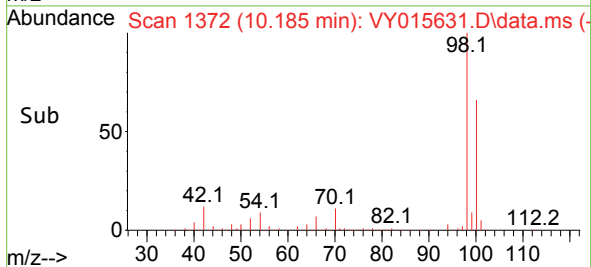
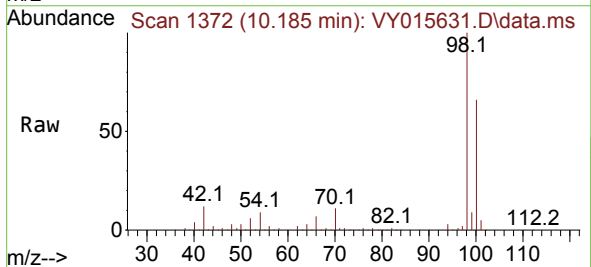


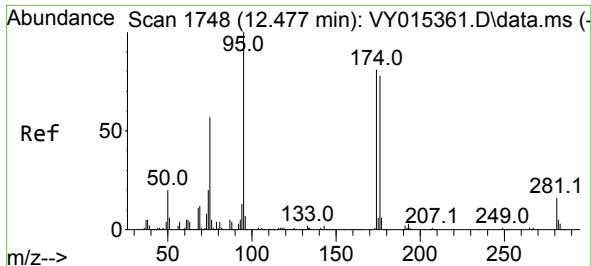
Tgt Ion:117 Resp: 11996
Ion Ratio Lower Upper
117 100
119 4.4 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 56.220 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY015631.D
Acq: 18 Sep 2023 21:41

Tgt Ion: 98 Resp: 246965
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

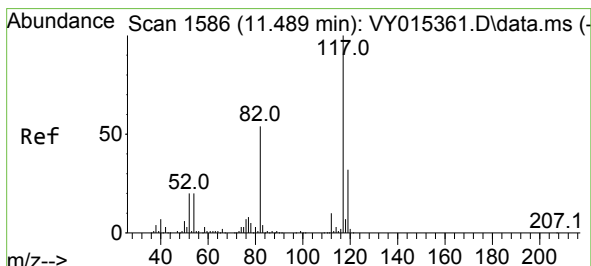
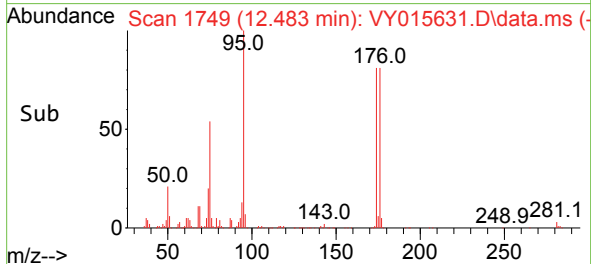
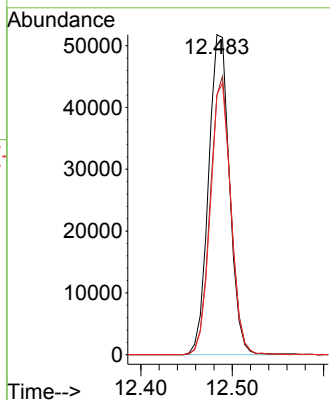
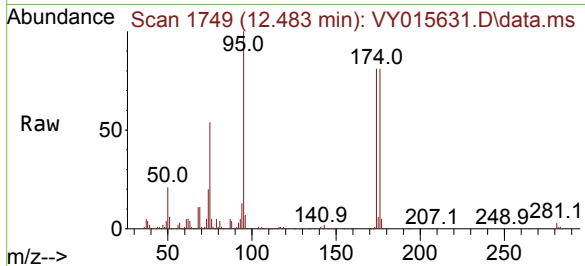




#62
4-Bromofluorobenzene
Concen: 50.669 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015631.D
Acq: 18 Sep 2023 21:41

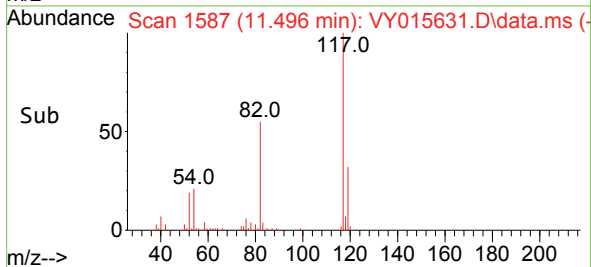
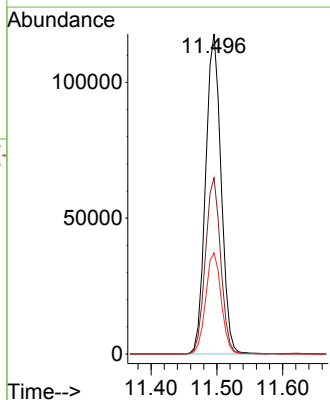
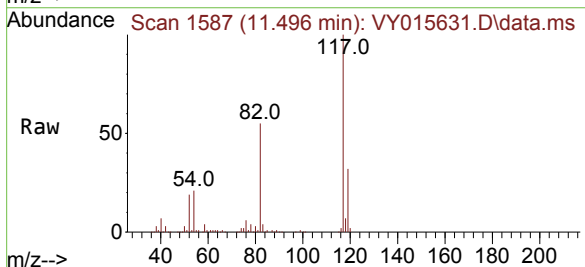
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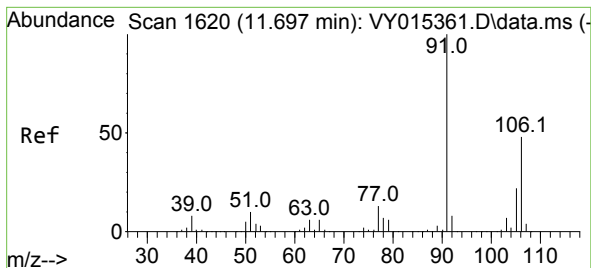
Tgt Ion: 95 Resp: 82630
Ion Ratio Lower Upper
95 100
174 85.2 0.0 178.2
176 83.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY015631.D
Acq: 18 Sep 2023 21:41

Tgt Ion: 117 Resp: 193021
Ion Ratio Lower Upper
117 100
82 55.1 43.4 65.0
119 31.6 26.3 39.5

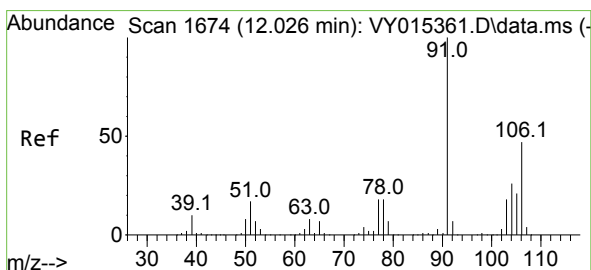
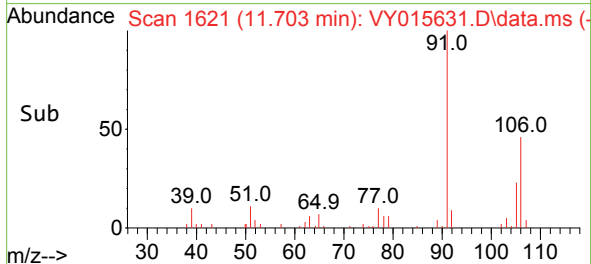
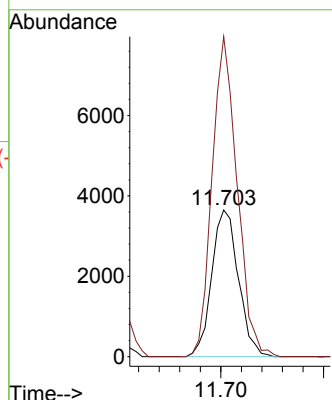
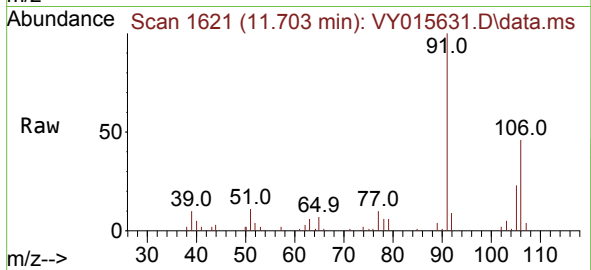




#68
m/p-Xylenes
Concen: 2.269 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY015631.D
Acq: 18 Sep 2023 21:41

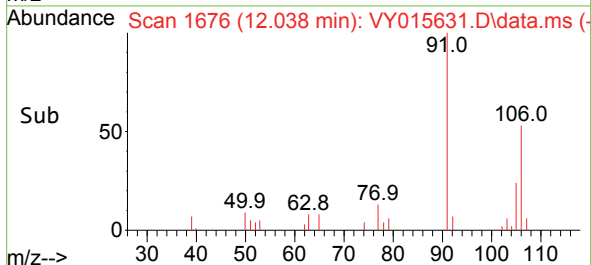
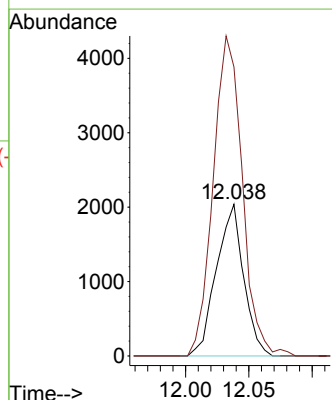
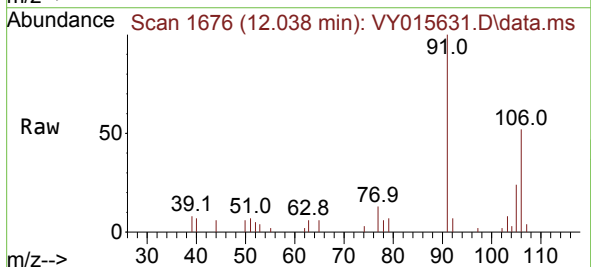
Instrument :
MSVOA_Y
ClientSampleId :

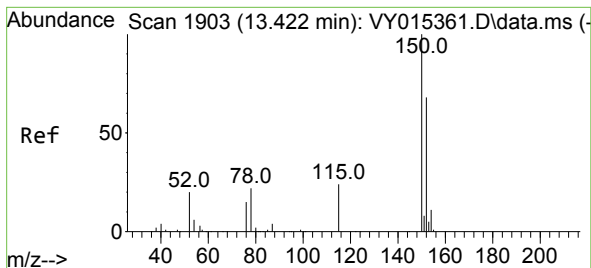
Tgt Ion:106 Resp: 6570
Ion Ratio Lower Upper
106 100
91 205.1 166.1 249.1



#69
o-Xylene
Concen: 1.104 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.012 min
Lab File: VY015631.D
Acq: 18 Sep 2023 21:41

Tgt Ion:106 Resp: 3054
Ion Ratio Lower Upper
106 100
91 225.6 108.1 324.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY015631.D

Acq: 18 Sep 2023 21:41

Instrument :

MSVOA_Y

ClientSampleId :

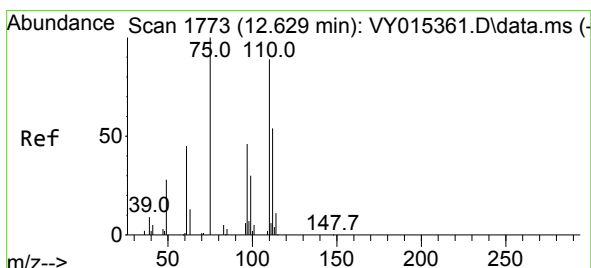
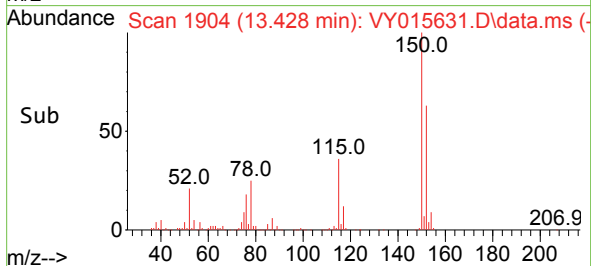
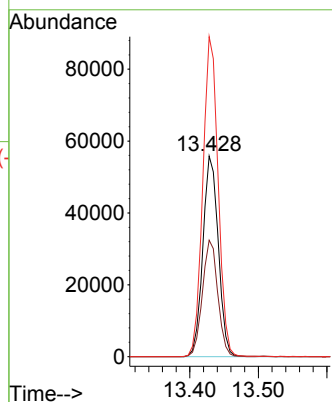
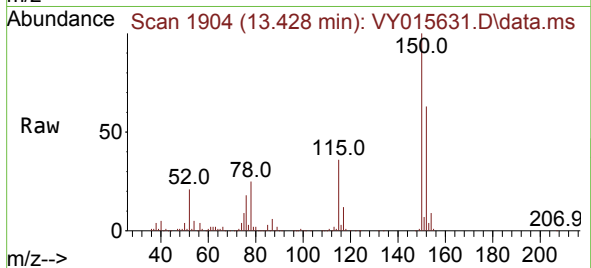
Tgt Ion:152 Resp: 87608

Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 158.3 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 37.938 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY015631.D

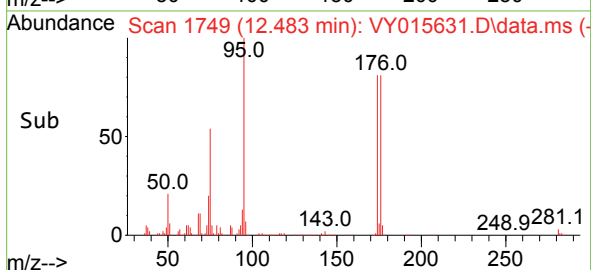
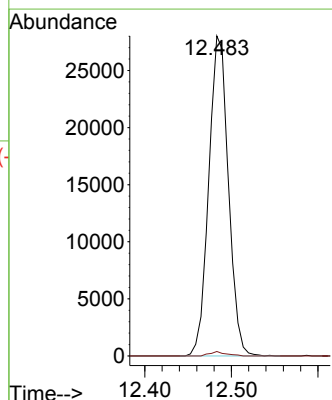
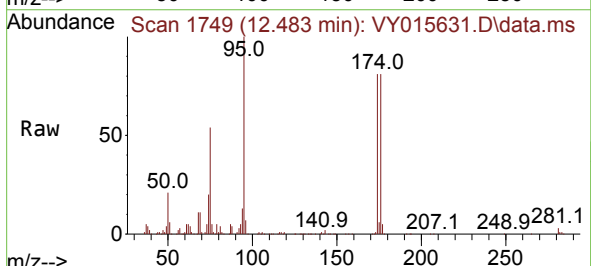
Acq: 18 Sep 2023 21:41

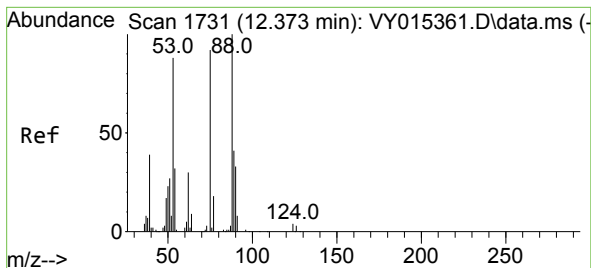
Tgt Ion: 75 Resp: 44075

Ion Ratio Lower Upper

75 100

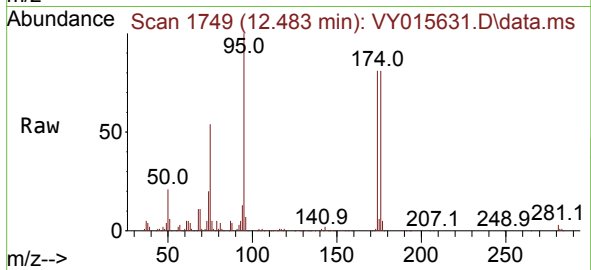
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.686 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY015631.D
 Acq: 18 Sep 2023 21:41

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 44075
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

