

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083123\
 Data File : VY015399.D
 Acq On : 31 Aug 2023 13:28
 Operator : SY/MD
 Sample : 04202-01
 Misc : 6.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 01 00:46:08 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)

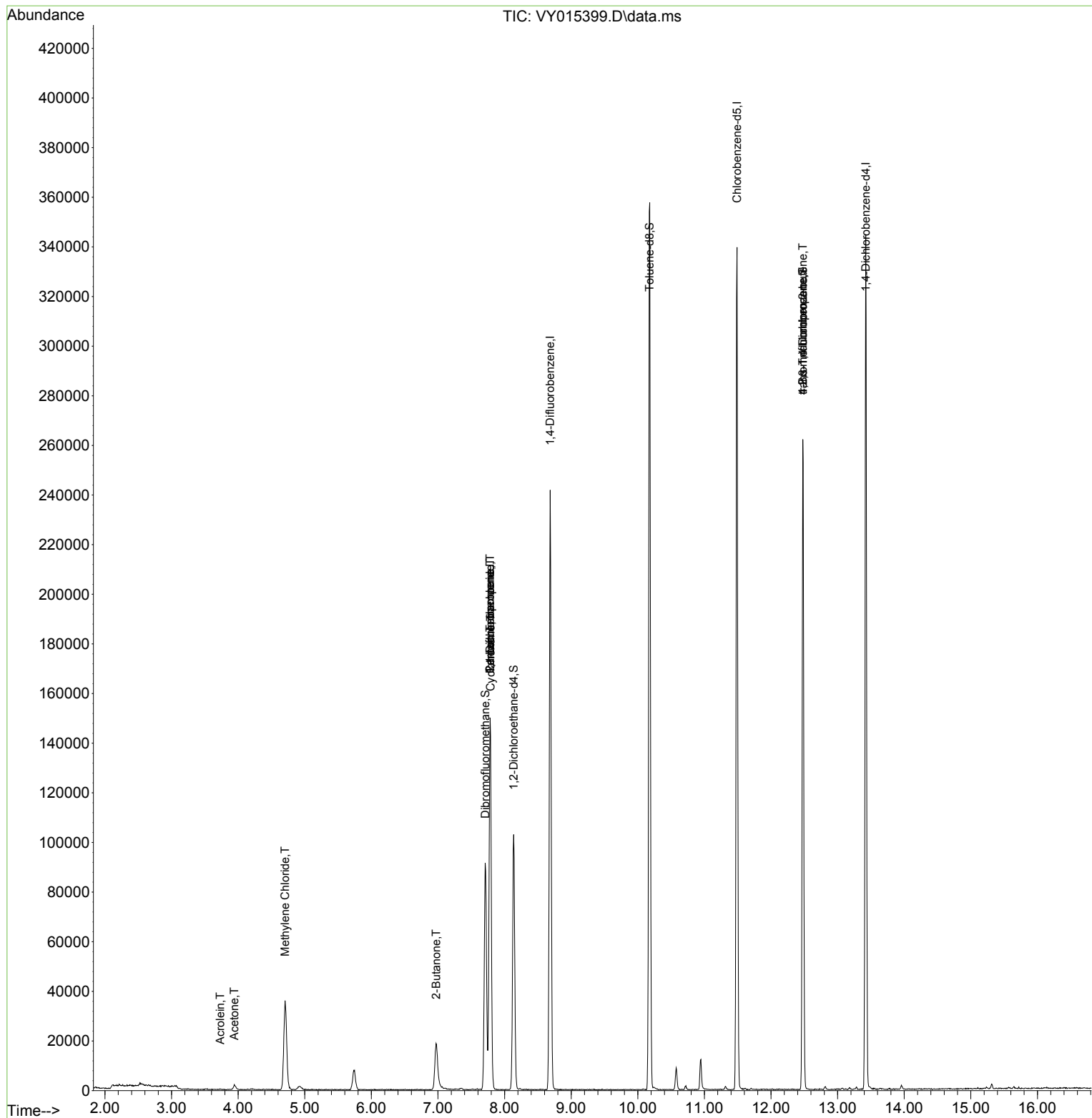
Internal Standards						
1) Pentafluorobenzene	7.783	168	118191	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	202137	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	182684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	86876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	79353	62.631	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.260%	
35) Dibromofluoromethane	7.710	113	65206	56.006	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.020%	
50) Toluene-d8	10.179	98	237992	56.446	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.900%	
62) 4-Bromofluorobenzene	12.477	95	77495	49.511	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.020%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	230	Below Cal	#	89
13) Acrolein	3.729	56	19	11.697	ug/l #	14
16) Acetone	3.942	43	3434	6.494	ug/l	97
20) Methylene Chloride	4.704	84	26846	10.703	ug/l	92
25) 2-Butanone	6.972	43	1270	1.693	ug/l	97
31) Cyclohexane	7.789	56	2494	1.108	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	9621	4.706	ug/l #	49
38) Carbon Tetrachloride	7.783	117	11916	5.644	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	42115	36.556	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	42115	80.639	ug/l #	10

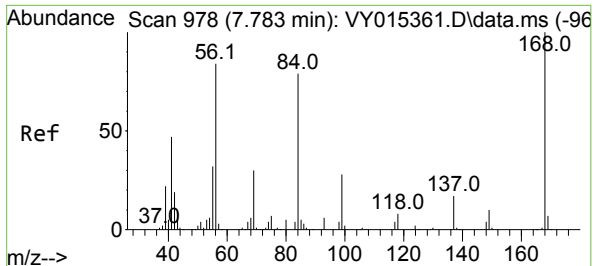
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083123\
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Misc : 6.05g/5.0mL/MSVOA_Y/SOIL
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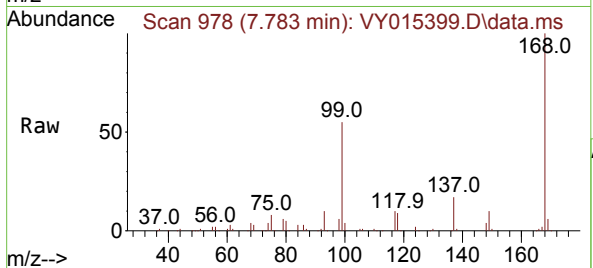
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration



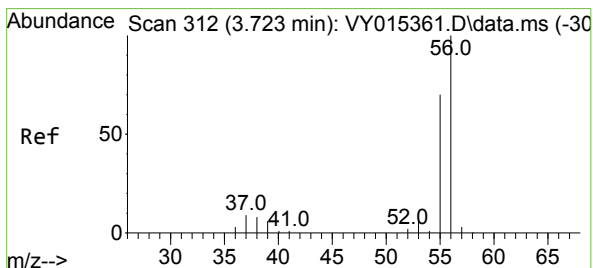
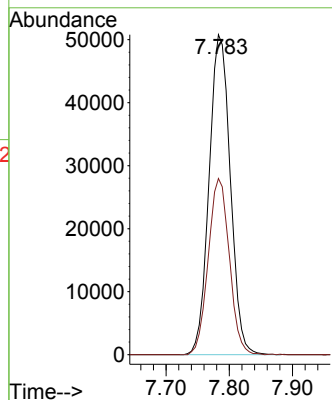
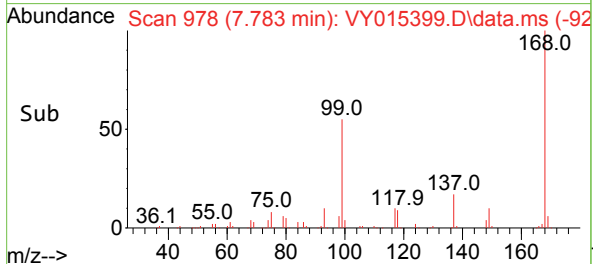


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015399.D
Acq: 31 Aug 2023 13:28

Instrument :
MSVOA_Y
ClientSampleId :

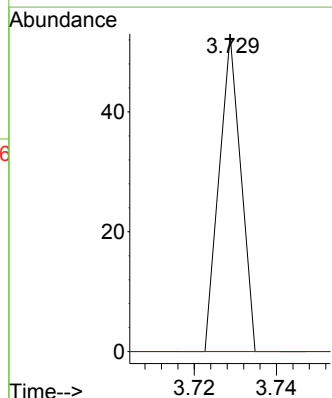
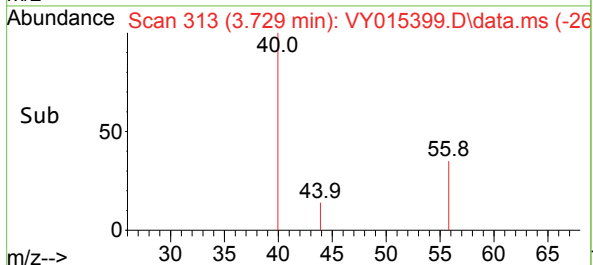
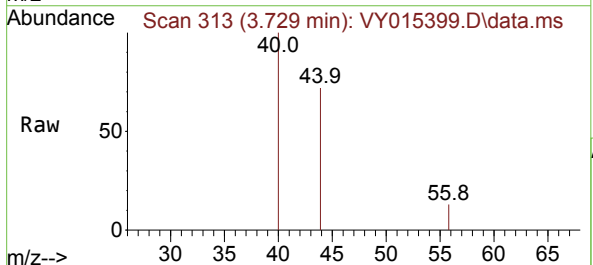


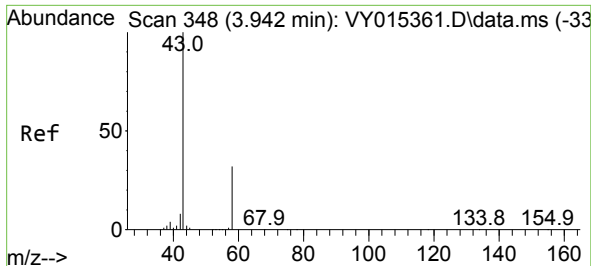
Tgt Ion:168 Resp: 118191
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.0



#13
Acrolein
Concen: 11.697 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY015399.D
Acq: 31 Aug 2023 13:28

Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.4#





#16

Acetone

Concen: 6.494 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

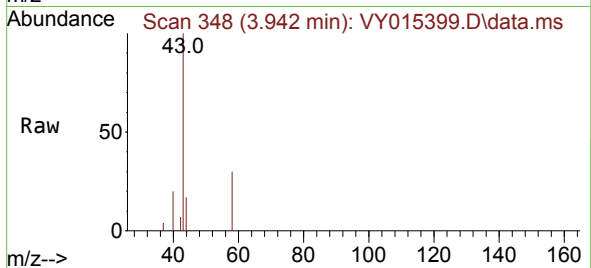
Lab File: VY015399.D

Acq: 31 Aug 2023 13:28

Instrument :

MSVOA_Y

ClientSampleId :

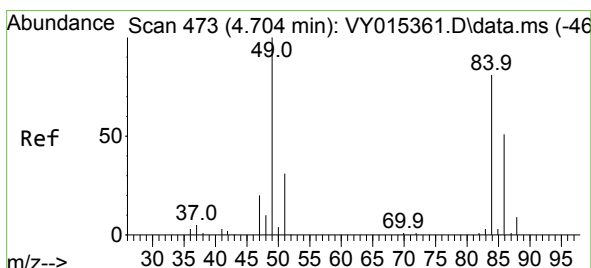
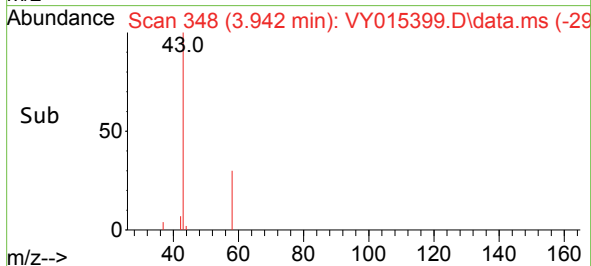
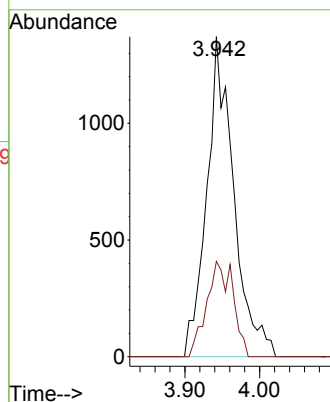


Tgt Ion: 43 Resp: 3434

Ion Ratio Lower Upper

43 100

58 29.8 22.7 34.1



#20

Methylene Chloride

Concen: 10.703 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY015399.D

Acq: 31 Aug 2023 13:28

Tgt Ion: 84 Resp: 26846

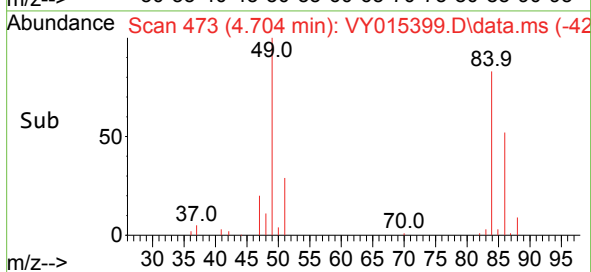
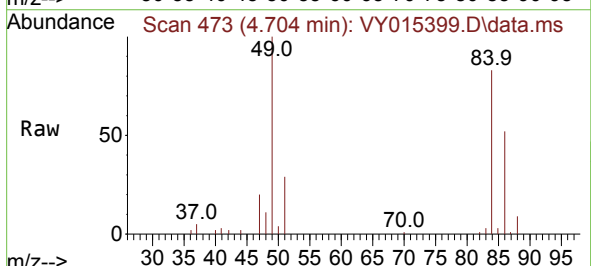
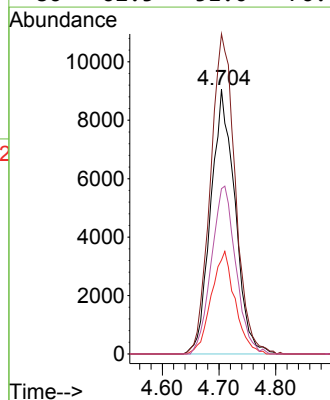
Ion Ratio Lower Upper

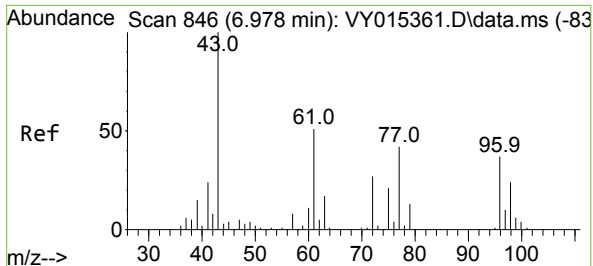
84 100

49 121.0 106.9 160.3

51 35.5 33.2 49.8

86 62.5 51.0 76.6

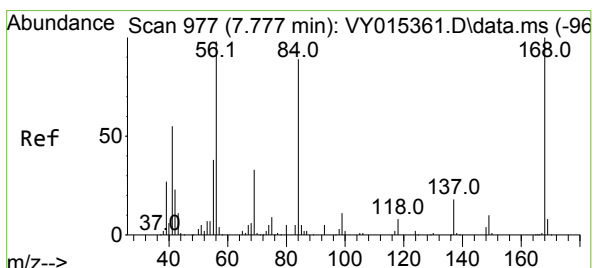
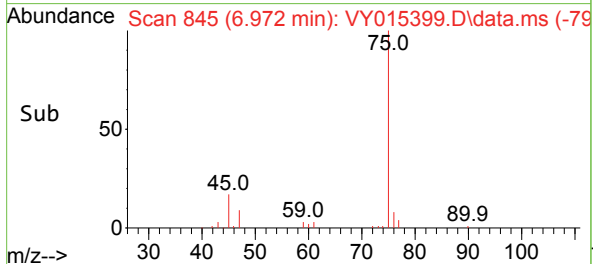
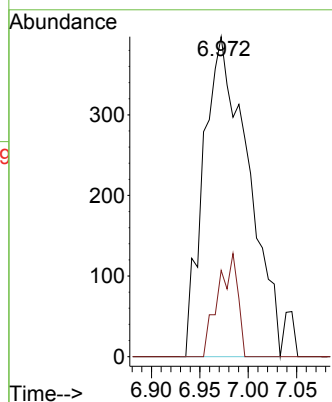
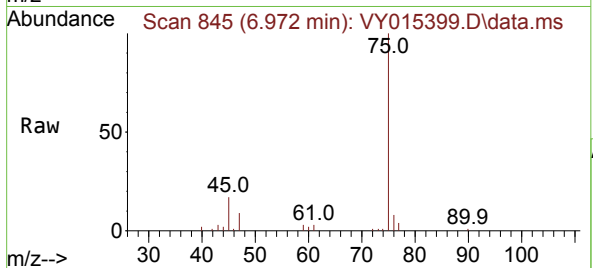




#25
2-Butanone
Concen: 1.693 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY015399.D
Acq: 31 Aug 2023 13:28

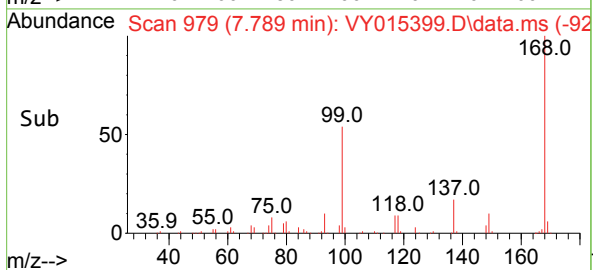
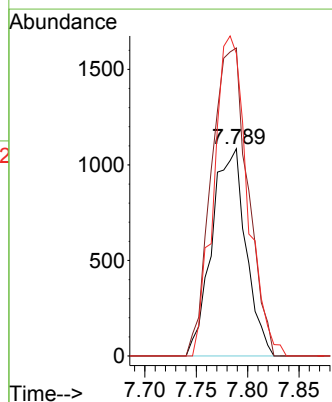
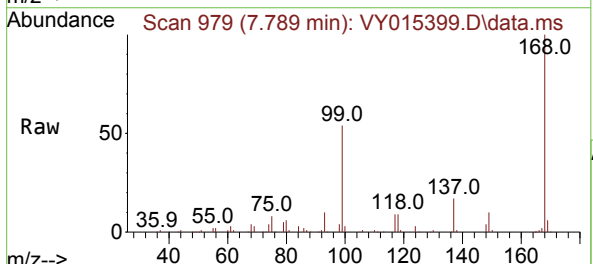
Instrument :
MSVOA_Y
ClientSampleId :

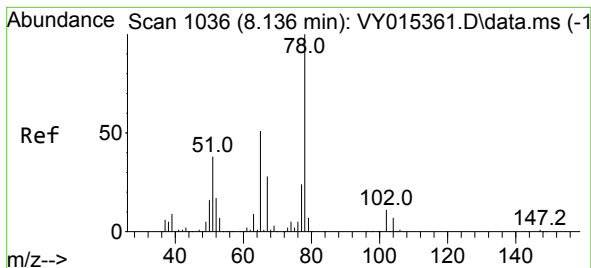
Tgt Ion: 43 Resp: 1270
Ion Ratio Lower Upper
43 100
72 27.0 20.5 30.7



#31
Cyclohexane
Concen: 1.108 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY015399.D
Acq: 31 Aug 2023 13:28

Tgt Ion: 56 Resp: 2494
Ion Ratio Lower Upper
56 100
69 148.6 27.8 41.6#
84 146.0 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 62.631 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015399.D

Acq: 31 Aug 2023 13:28

Instrument :

MSVOA_Y

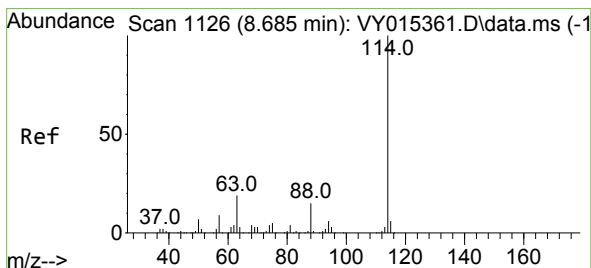
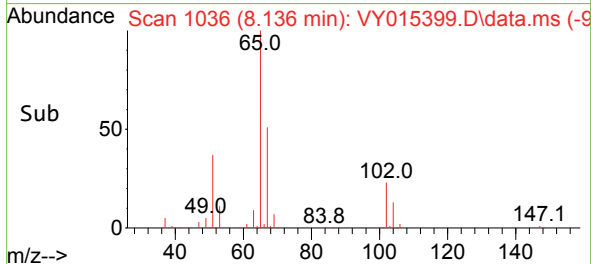
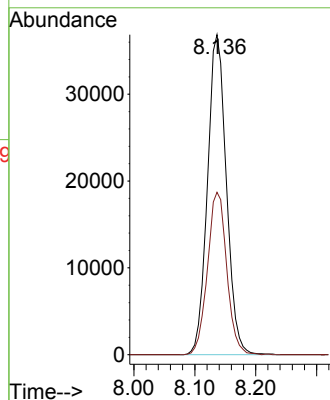
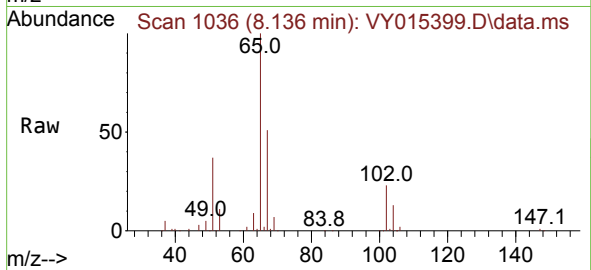
ClientSampleId :

Tgt Ion: 65 Resp: 79353

Ion Ratio Lower Upper

65 100

67 51.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015399.D

Acq: 31 Aug 2023 13:28

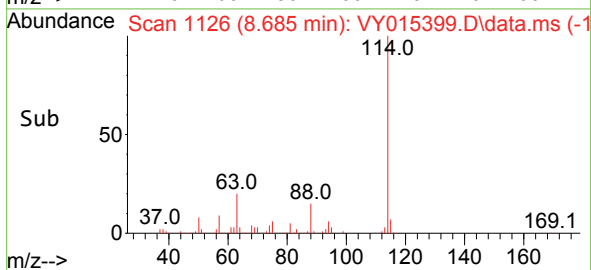
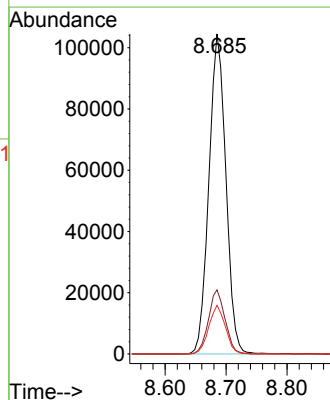
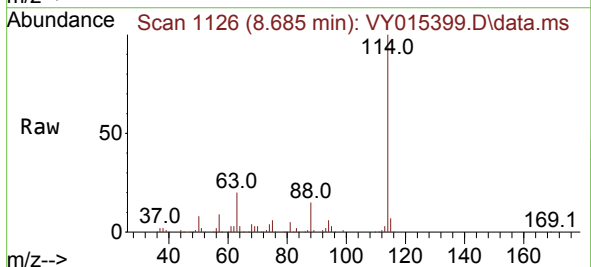
Tgt Ion: 114 Resp: 202137

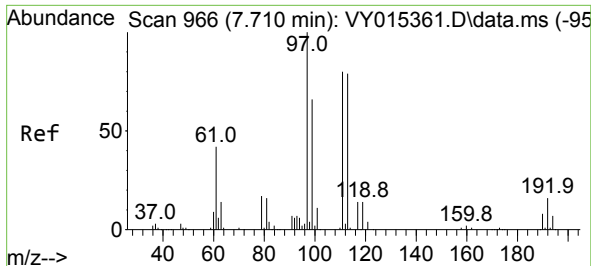
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

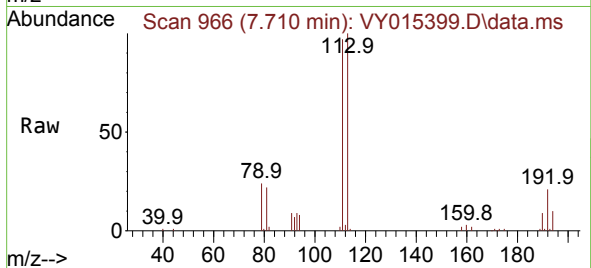
88 15.2 0.0 30.6



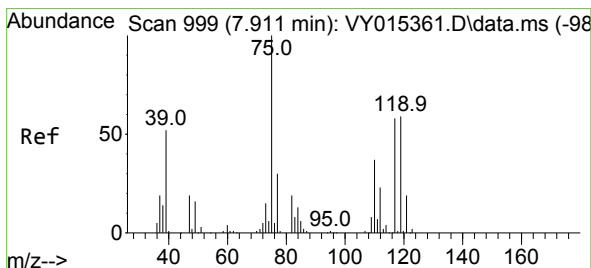
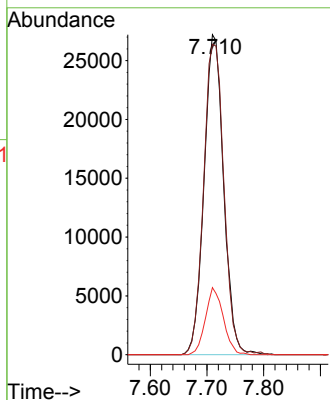
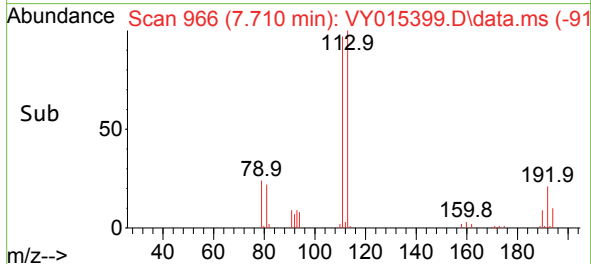


#35
Dibromofluoromethane
Concen: 56.006 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015399.D
Acq: 31 Aug 2023 13:28

Instrument :
MSVOA_Y
ClientSampleId :

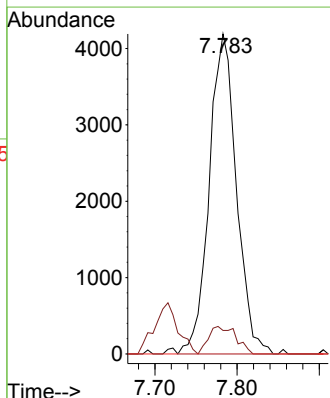
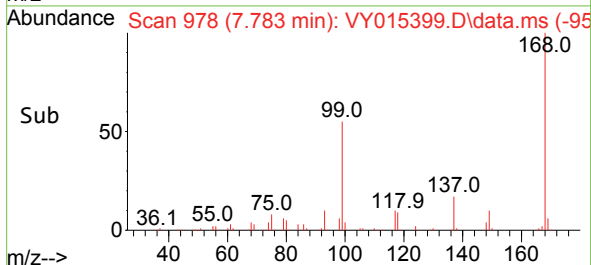
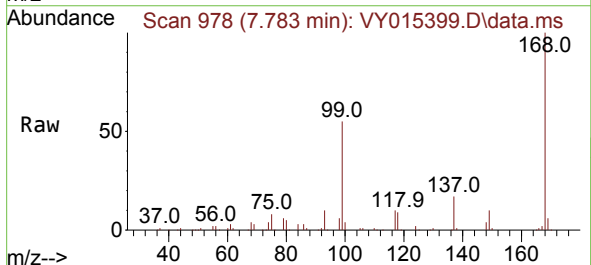


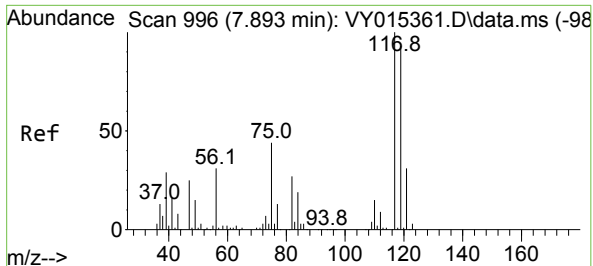
Tgt Ion:113 Resp: 65206
Ion Ratio Lower Upper
113 100
111 101.0 81.3 121.9
192 19.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.706 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015399.D
Acq: 31 Aug 2023 13:28

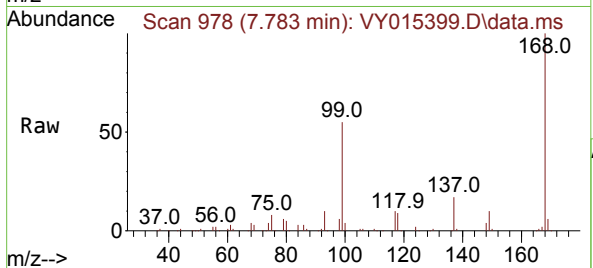
Tgt Ion: 75 Resp: 9621
Ion Ratio Lower Upper
75 100
110 8.7 17.8 53.5#
77 0.0 24.4 36.6#



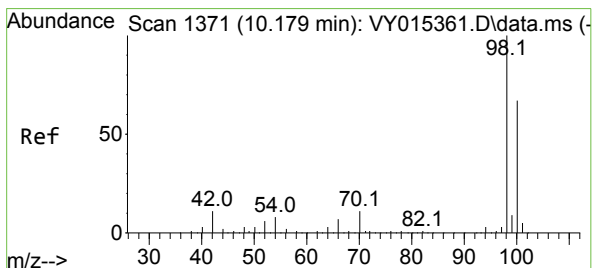
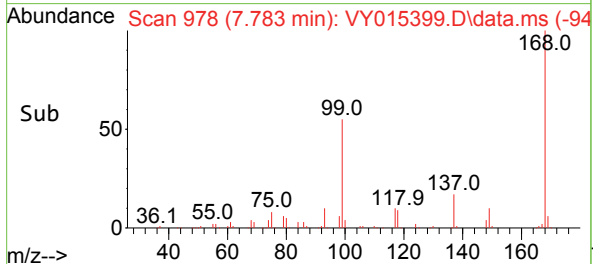
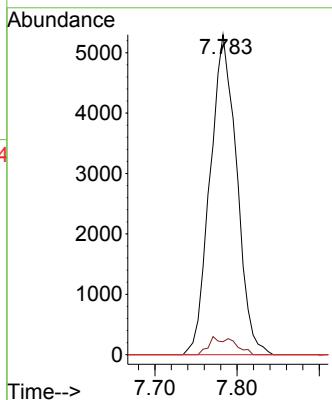


#38
Carbon Tetrachloride
Concen: 5.644 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015399.D
Acq: 31 Aug 2023 13:28

Instrument :
MSVOA_Y
ClientSampleId :

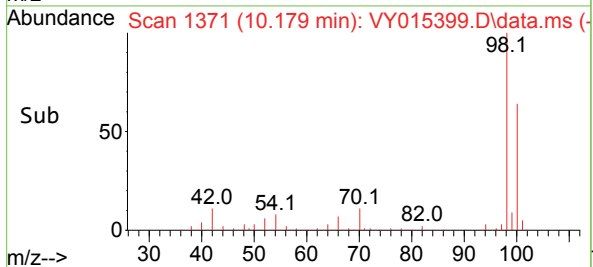
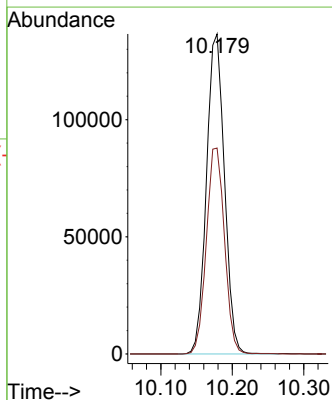
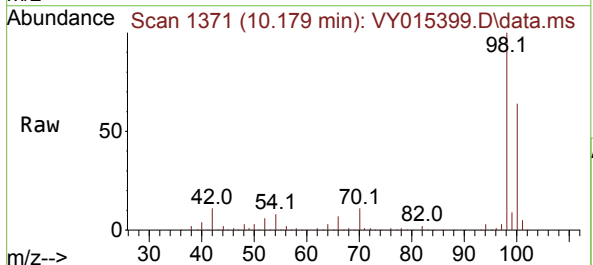


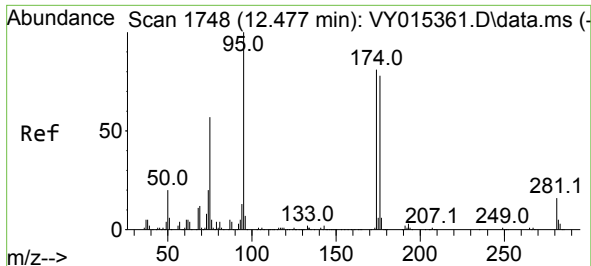
Tgt Ion:117 Resp: 11916
Ion Ratio Lower Upper
117 100
119 4.0 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 56.446 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015399.D
Acq: 31 Aug 2023 13:28

Tgt Ion: 98 Resp: 237992
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

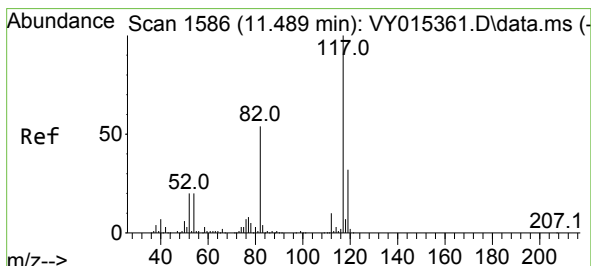
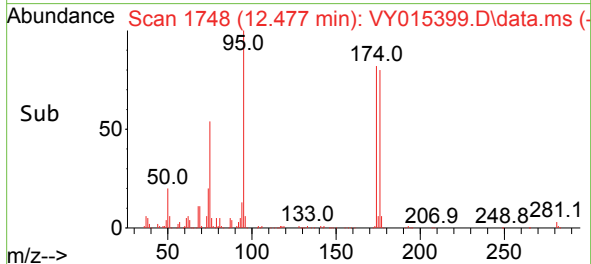
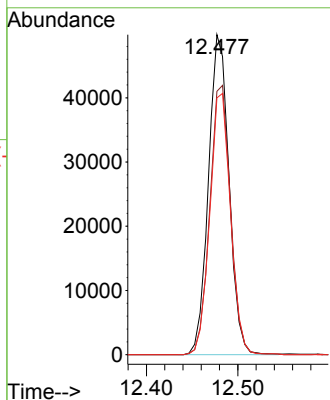
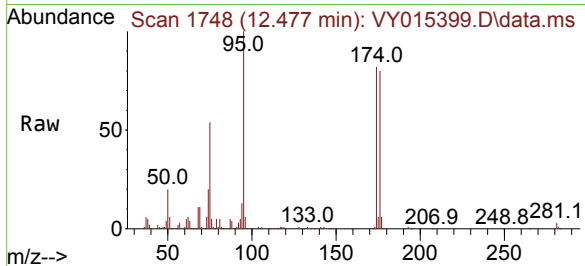




#62
4-Bromofluorobenzene
Concen: 49.511 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015399.D
Acq: 31 Aug 2023 13:28

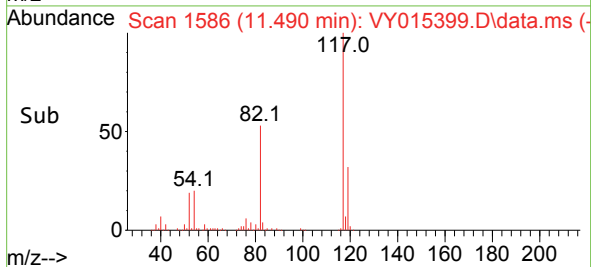
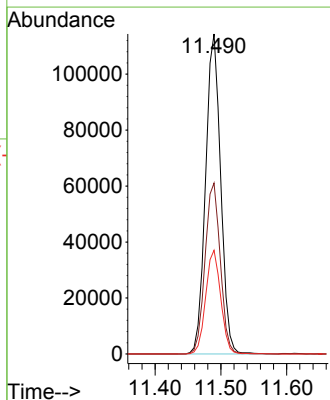
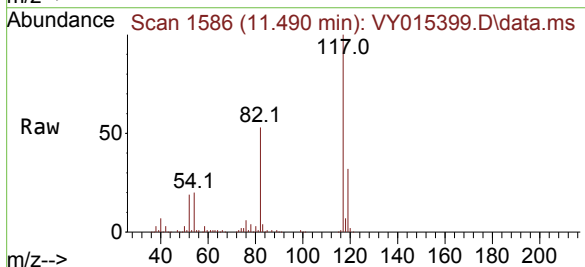
Instrument :
MSVOA_Y
ClientSampleId :

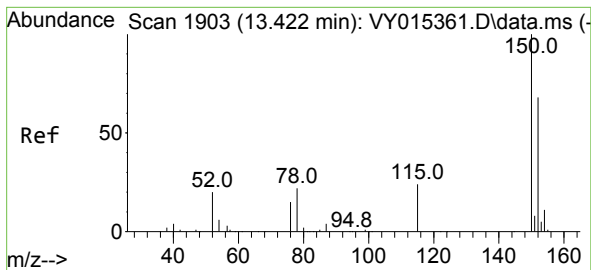
Tgt Ion: 95 Resp: 77495
Ion Ratio Lower Upper
95 100
174 85.5 0.0 178.2
176 82.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015399.D
Acq: 31 Aug 2023 13:28

Tgt Ion: 117 Resp: 182684
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 32.4 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY015399.D

Acq: 31 Aug 2023 13:28

Instrument :

MSVOA_Y

ClientSampleId :

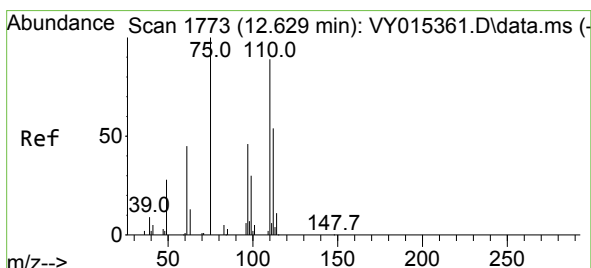
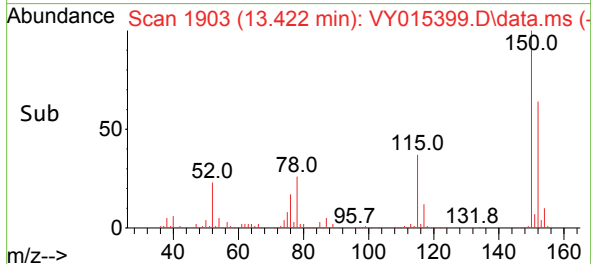
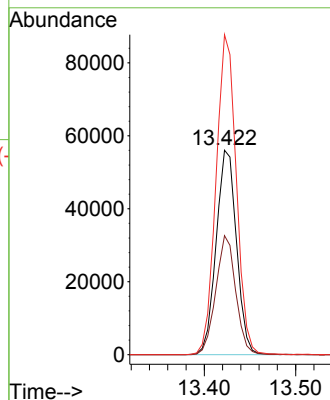
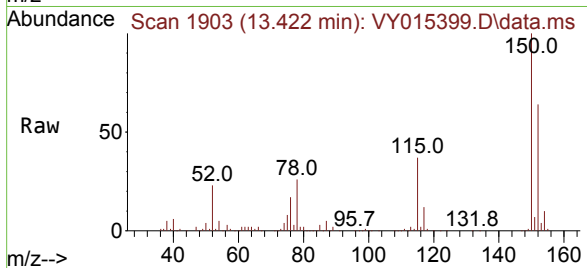
Tgt Ion:152 Resp: 86876

Ion Ratio Lower Upper

152 100

115 57.0 28.8 86.5

150 155.6 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 36.556 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015399.D

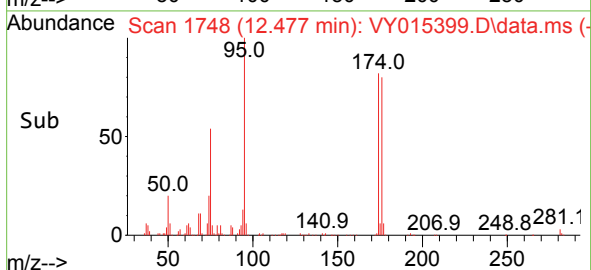
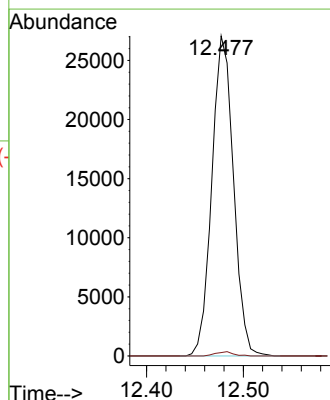
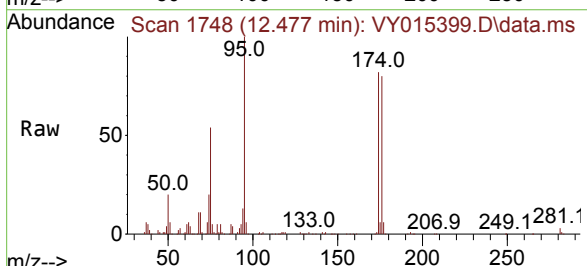
Acq: 31 Aug 2023 13:28

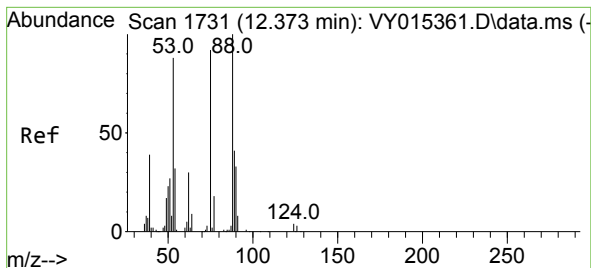
Tgt Ion: 75 Resp: 42115

Ion Ratio Lower Upper

75 100

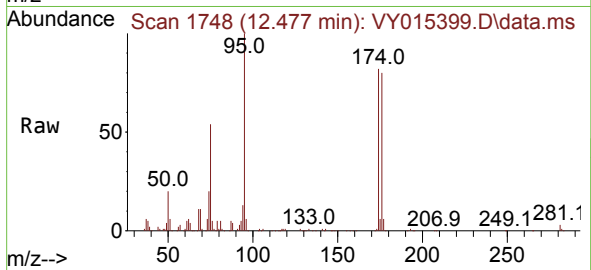
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.639 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY015399.D
 Acq: 31 Aug 2023 13:28

Instrument :
 MSVOA_Y
 ClientSampleId :



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

