

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090123\
 Data File : VY015423.D
 Acq On : 01 Sep 2023 18:15
 Operator : SY/MD
 Sample : 04283-04
 Misc : 4.85g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4

Quant Time: Sep 01 23:45:03 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)

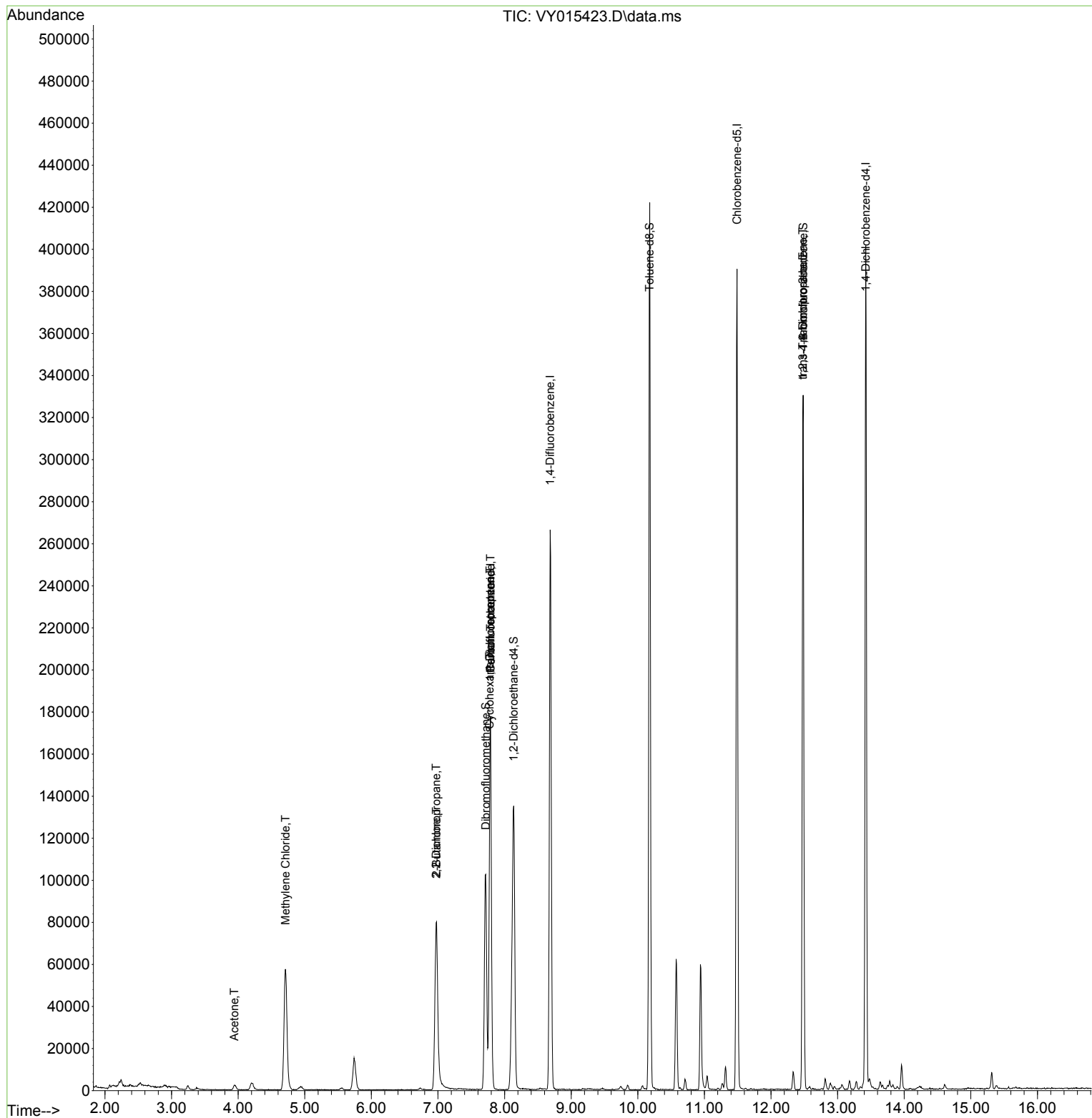
Internal Standards						
1) Pentafluorobenzene	7.789	168	137988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	228880	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	207631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	99985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	90924	61.468	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.940%	
35) Dibromofluoromethane	7.716	113	73090	55.443	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.880%	
50) Toluene-d8	10.179	98	269172	56.382	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.760%	
62) 4-Bromofluorobenzene	12.483	95	91702	51.742	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.480%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	2602	Below Cal	#	92
16) Acetone	3.942	43	3908	6.330	ug/l #	79
20) Methylene Chloride	4.710	84	44238	17.937	ug/l	90
25) 2-Butanone	6.978	43	4599	5.252	ug/l #	79
26) 2,2-Dichloropropane	6.972	77	5931	2.529	ug/l #	54
31) Cyclohexane	7.777	56	2826	1.076	ug/l #	3
36) 1,1-Dichloropropene	7.783	75	10824	4.676	ug/l #	49
38) Carbon Tetrachloride	7.789	117	13811	5.777	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	49853	37.599	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	49853	82.940	ug/l #	11

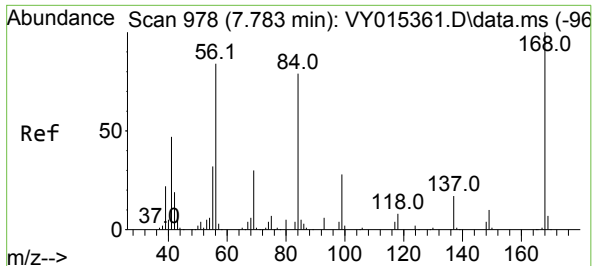
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090123\
Data File : VY015423.D
Acq On : 01 Sep 2023 18:15
Operator : SY/MD
Sample : 04283-04
Misc : 4.85g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-4

Quant Time: Sep 01 23:45:03 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

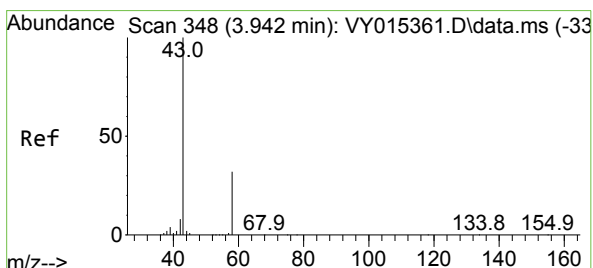
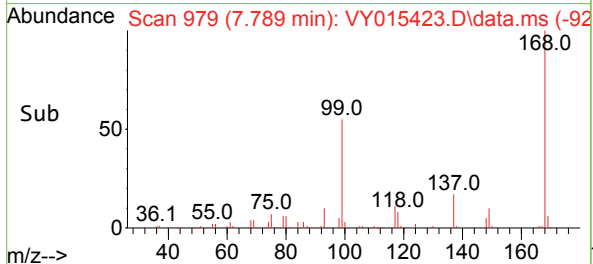
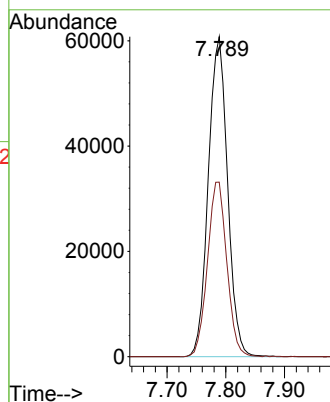
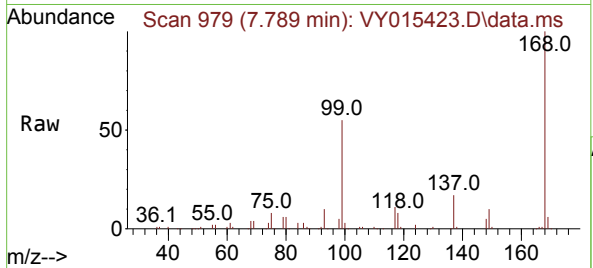




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015423.D
Acq: 01 Sep 2023 18:15

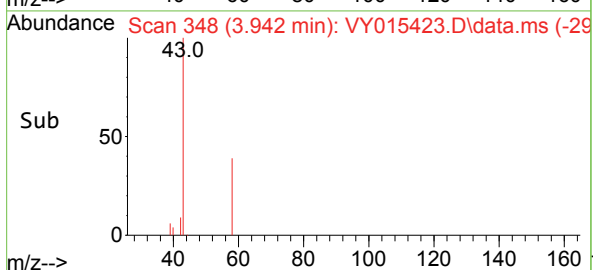
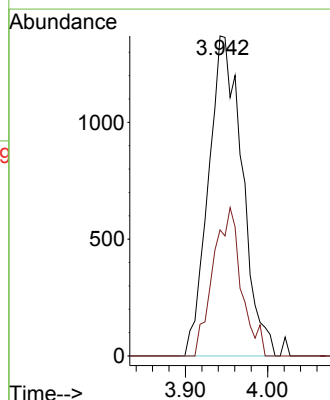
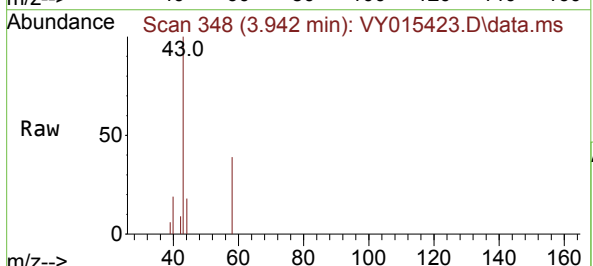
Instrument :
MSVOA_Y
ClientSampleId :
SB-4

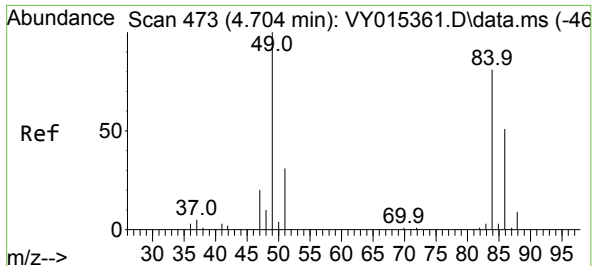
Tgt Ion:168 Resp: 137988
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#16
Acetone
Concen: 6.330 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015423.D
Acq: 01 Sep 2023 18:15

Tgt Ion: 43 Resp: 3908
Ion Ratio Lower Upper
43 100
58 39.4 22.7 34.1#

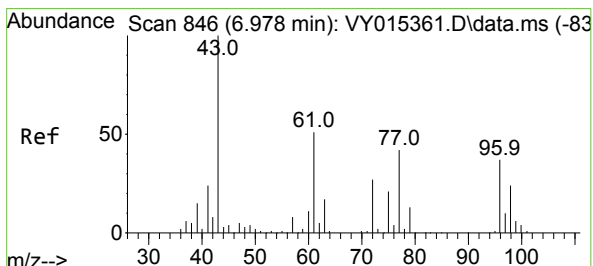
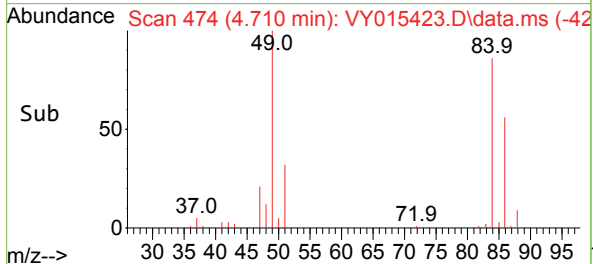
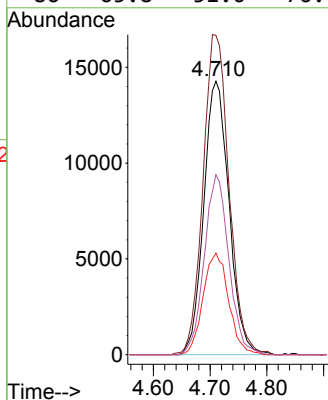
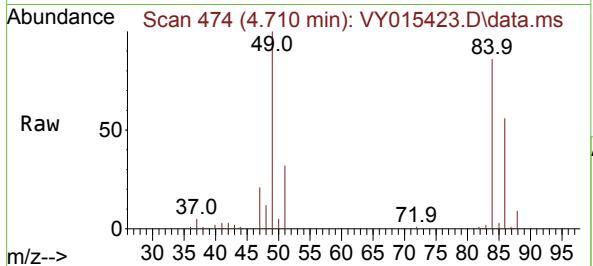




#20
Methylene Chloride
Concen: 17.937 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015423.D
Acq: 01 Sep 2023 18:15

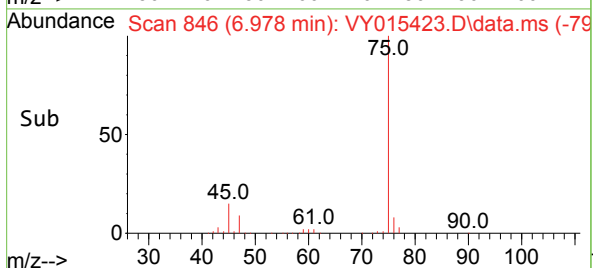
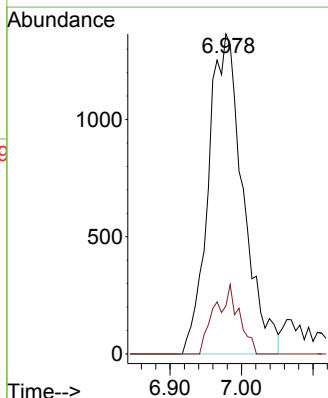
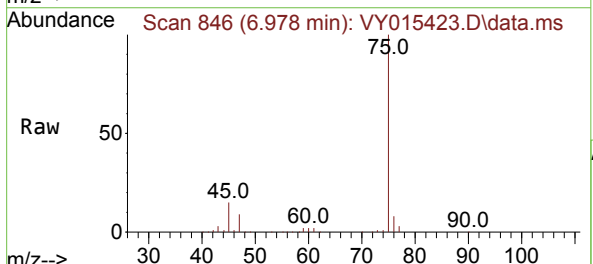
Instrument :
MSVOA_Y
ClientSampleId :
SB-4

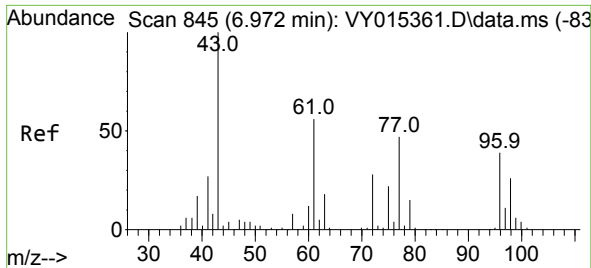
Tgt Ion: 84 Resp: 44238
Ion Ratio Lower Upper
84 100
49 116.8 106.9 160.3
51 37.2 33.2 49.8
86 65.8 51.0 76.6



#25
2-Butanone
Concen: 5.252 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY015423.D
Acq: 01 Sep 2023 18:15

Tgt Ion: 43 Resp: 4599
Ion Ratio Lower Upper
43 100
72 15.0 20.5 30.7#

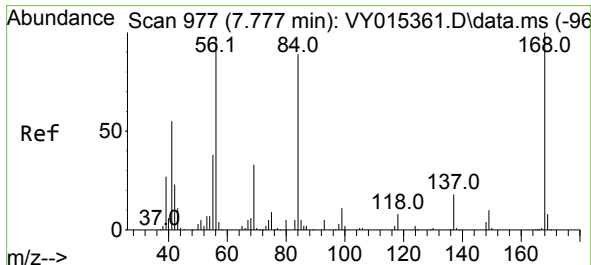
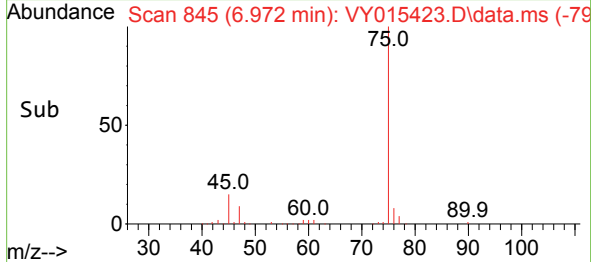
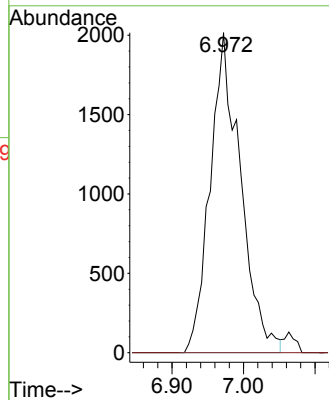
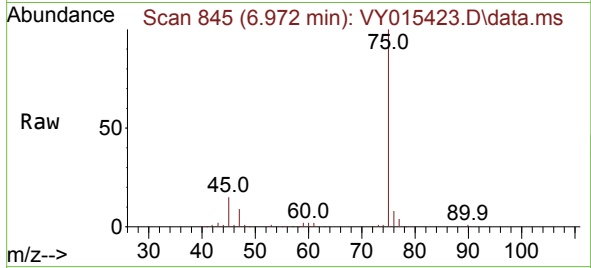




#26
2,2-Dichloropropane
Concen: 2.529 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY015423.D
Acq: 01 Sep 2023 18:15

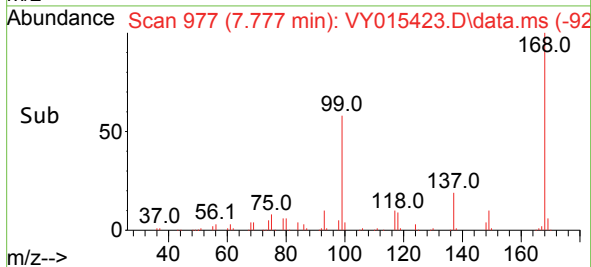
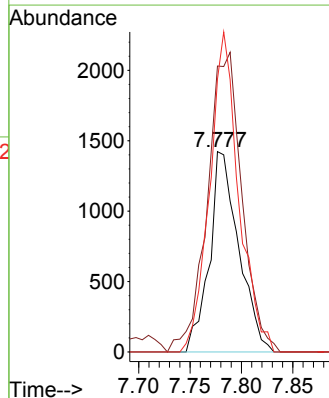
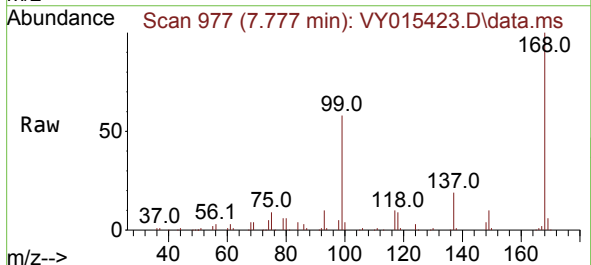
Instrument :
MSVOA_Y
ClientSampleId :
SB-4

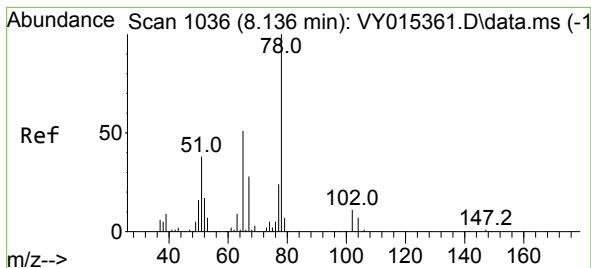
Tgt Ion: 77 Resp: 5931
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#31
Cyclohexane
Concen: 1.076 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.006 min
Lab File: VY015423.D
Acq: 01 Sep 2023 18:15

Tgt Ion: 56 Resp: 2826
Ion Ratio Lower Upper
56 100
69 142.7 27.8 41.6#
84 136.3 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 61.468 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015423.D

Acq: 01 Sep 2023 18:15

Instrument :

MSVOA_Y

ClientSampleId :

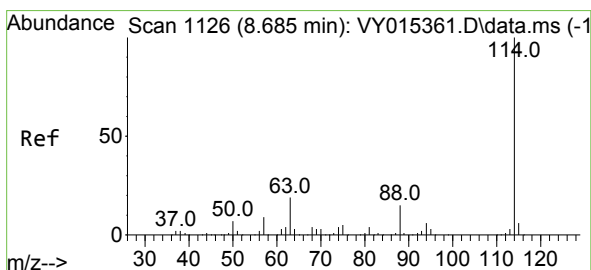
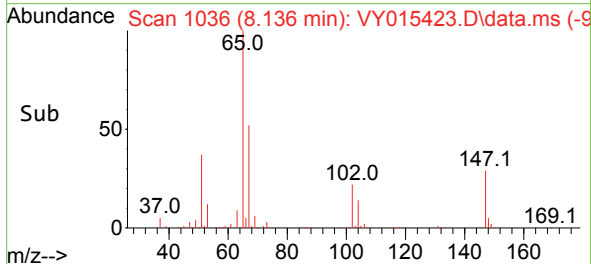
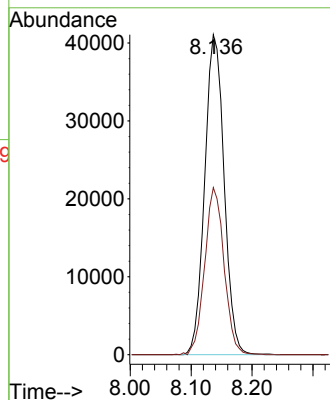
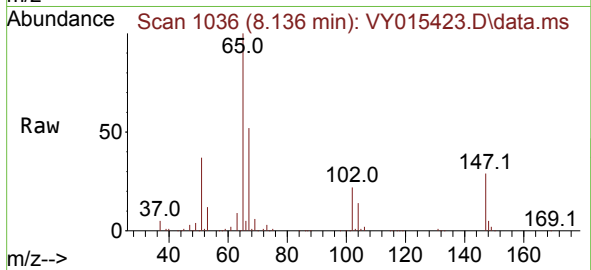
SB-4

Tgt Ion: 65 Resp: 90924

Ion Ratio Lower Upper

65 100

67 52.1 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: VY015423.D

Acq: 01 Sep 2023 18:15

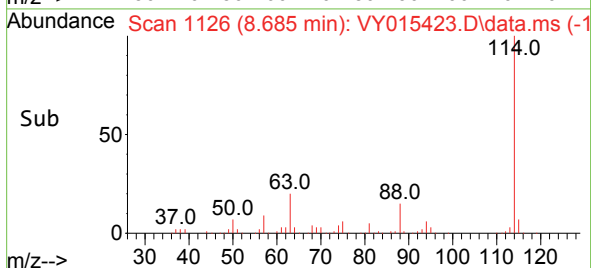
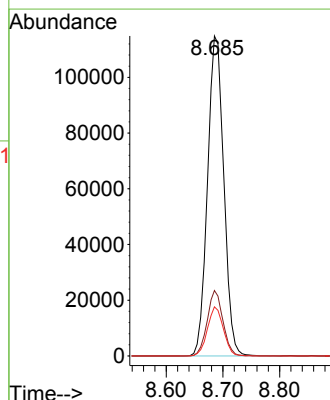
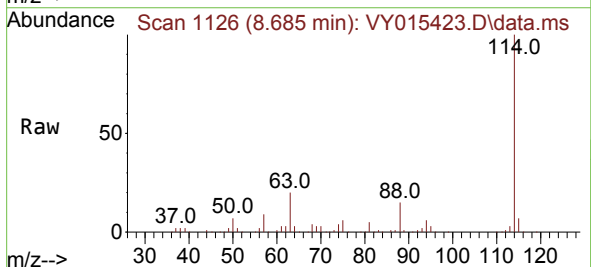
Tgt Ion: 114 Resp: 228880

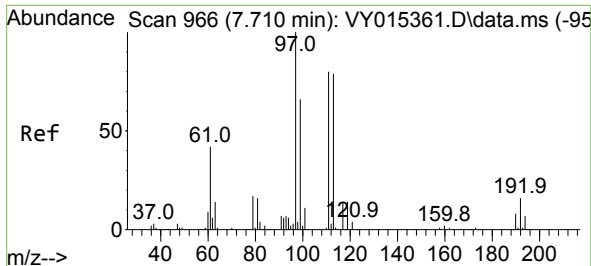
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.4

88 15.4 0.0 30.6

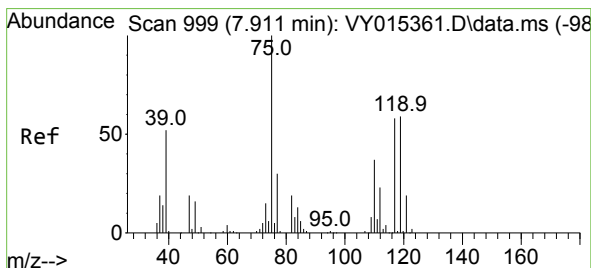
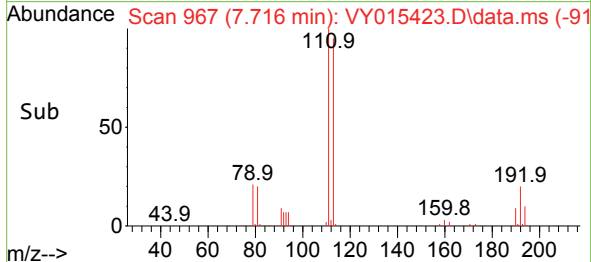
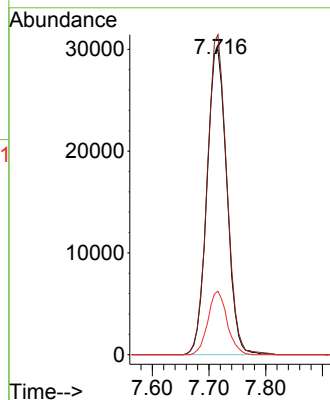
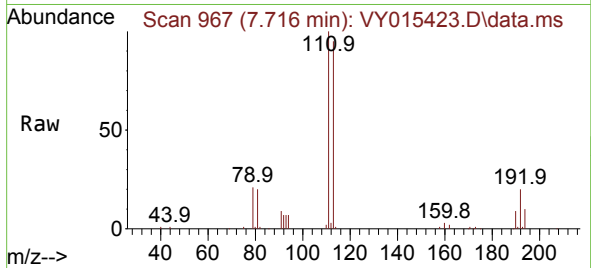




#35
Dibromofluoromethane
Concen: 55.443 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015423.D
Acq: 01 Sep 2023 18:15

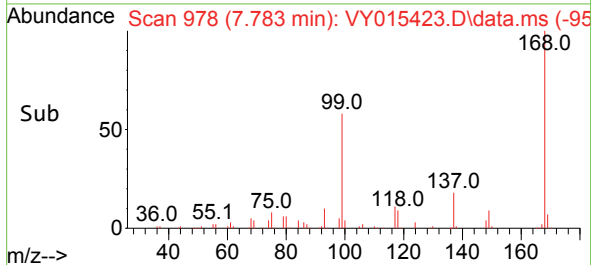
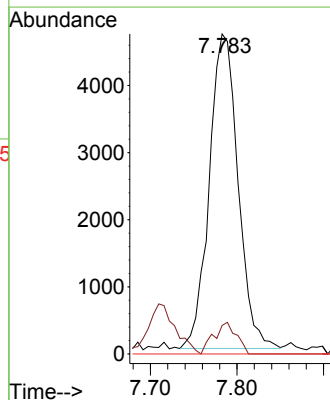
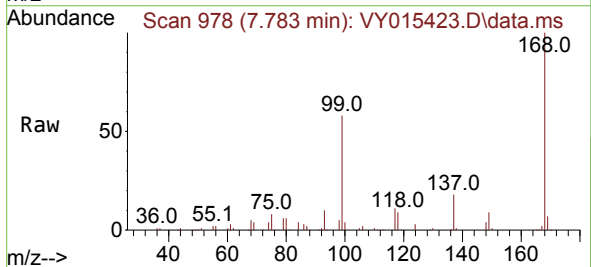
Instrument :
MSVOA_Y
ClientSampleId :
SB-4

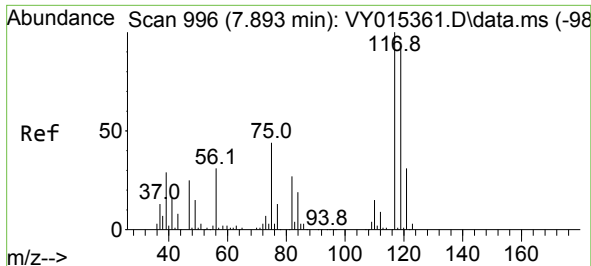
Tgt Ion:113 Resp: 73090
Ion Ratio Lower Upper
113 100
111 103.5 81.3 121.9
192 20.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.676 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015423.D
Acq: 01 Sep 2023 18:15

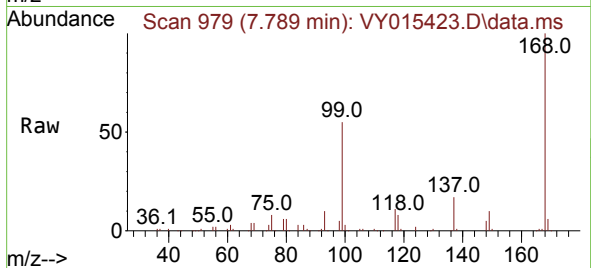
Tgt Ion: 75 Resp: 10824
Ion Ratio Lower Upper
75 100
110 7.9 17.8 53.5#
77 0.0 24.4 36.6#



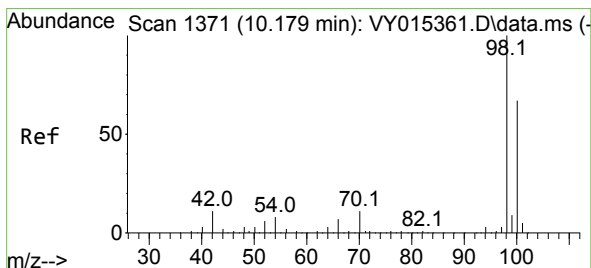
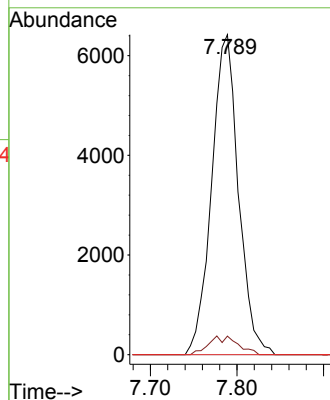
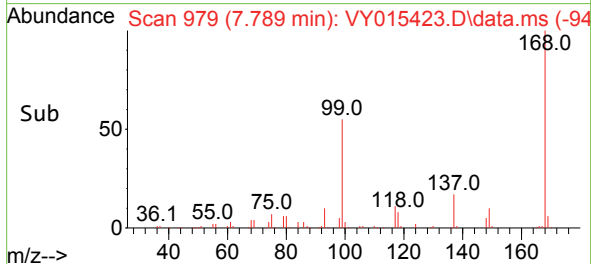


#38
Carbon Tetrachloride
Concen: 5.777 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY015423.D
Acq: 01 Sep 2023 18:15

Instrument :
MSVOA_Y
ClientSampleId :
SB-4

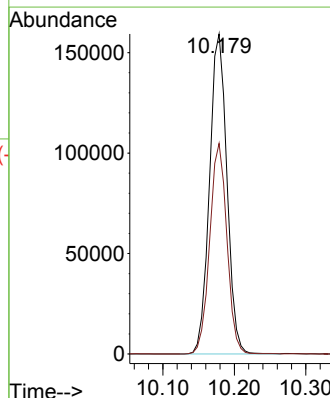
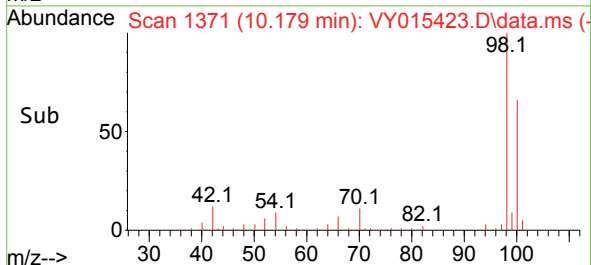
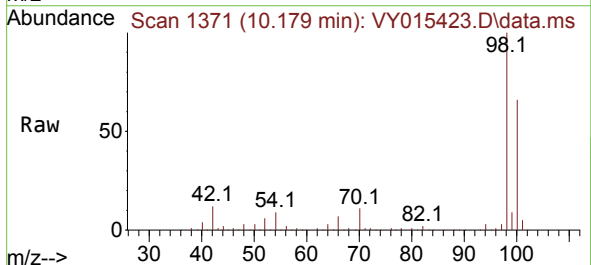


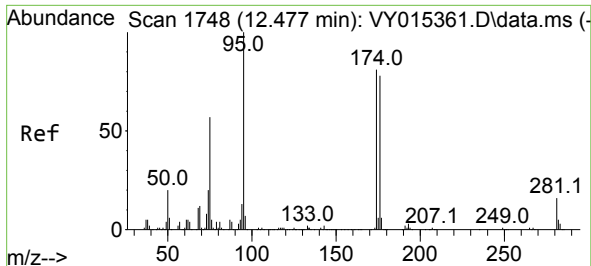
Tgt Ion:117 Resp: 13811
Ion Ratio Lower Upper
117 100
119 5.8 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 56.382 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015423.D
Acq: 01 Sep 2023 18:15

Tgt Ion: 98 Resp: 269172
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1

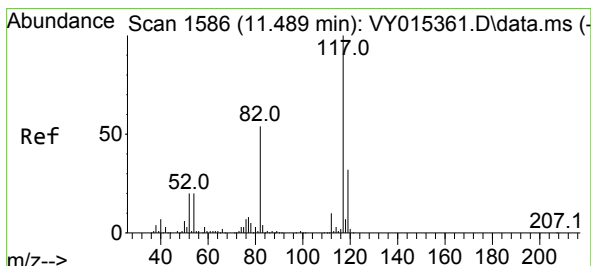
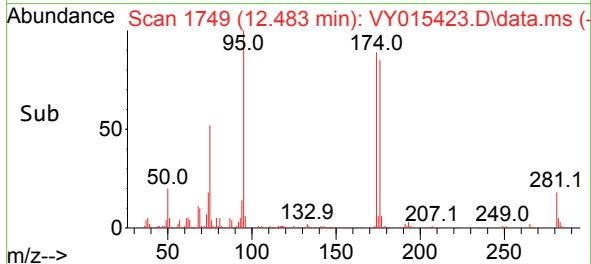
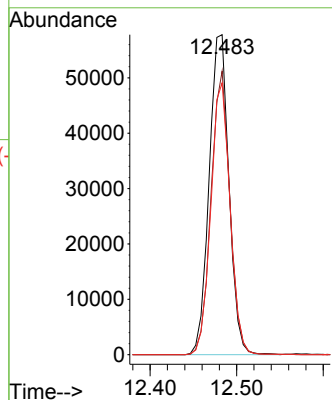
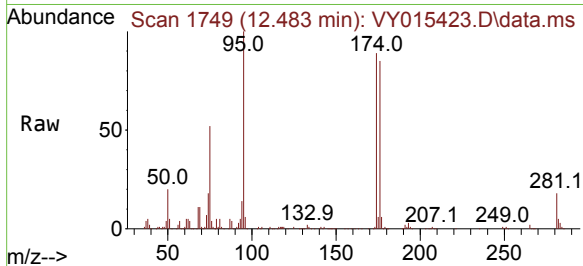




#62
4-Bromofluorobenzene
Concen: 51.742 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015423.D
Acq: 01 Sep 2023 18:15

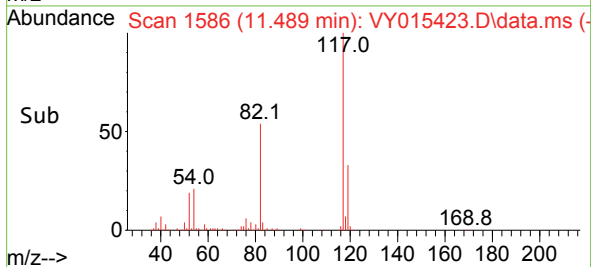
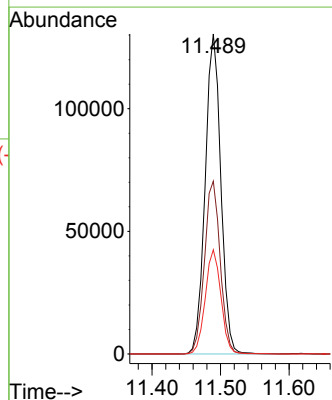
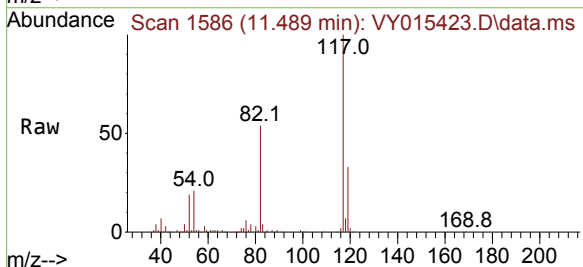
Instrument :
MSVOA_Y
ClientSampleId :
SB-4

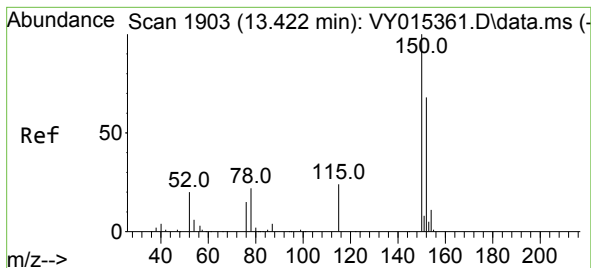
Tgt Ion: 95 Resp: 91702
Ion Ratio Lower Upper
95 100
174 84.4 0.0 178.2
176 82.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015423.D
Acq: 01 Sep 2023 18:15

Tgt Ion: 117 Resp: 207631
Ion Ratio Lower Upper
117 100
82 54.0 43.4 65.0
119 32.5 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: VY015423.D

Acq: 01 Sep 2023 18:15

Instrument :

MSVOA_Y

ClientSampleId :

SB-4

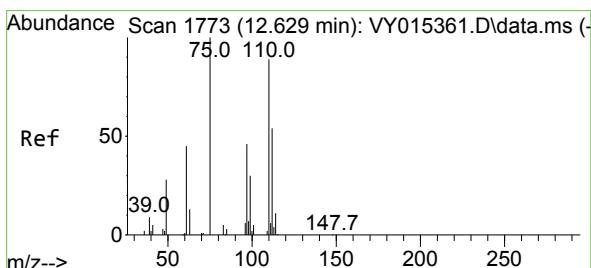
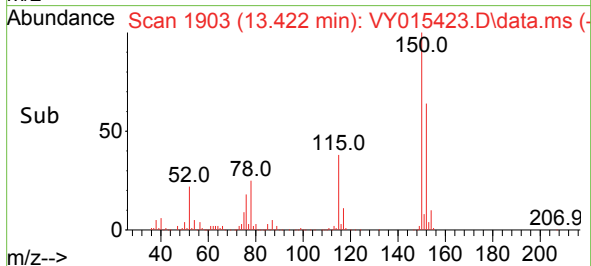
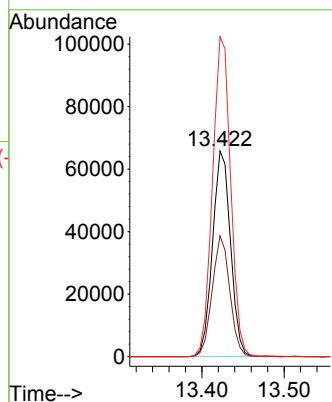
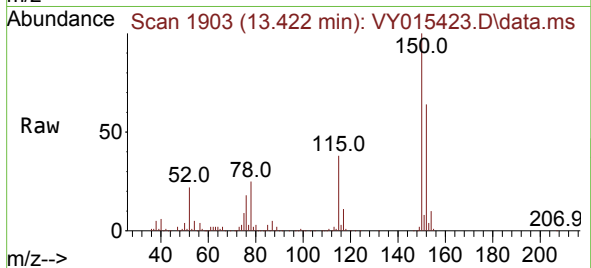
Tgt Ion:152 Resp: 99985

Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 157.2 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 37.599 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015423.D

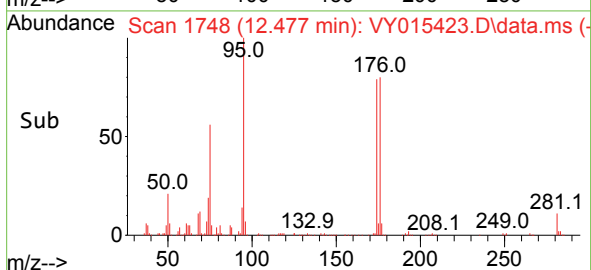
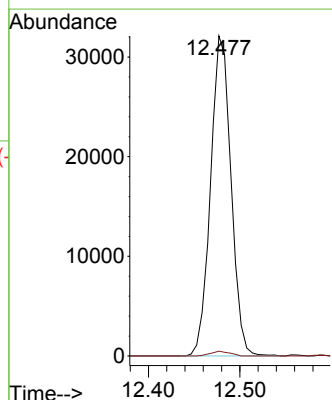
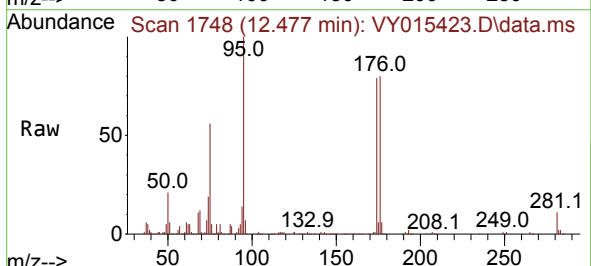
Acq: 01 Sep 2023 18:15

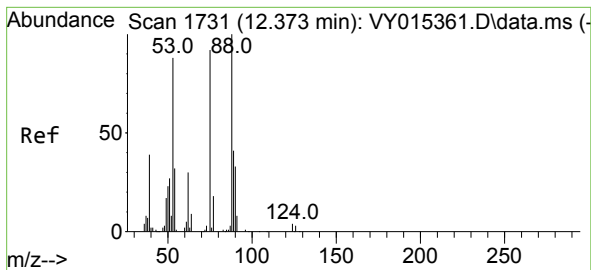
Tgt Ion: 75 Resp: 49853

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 82.940 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY015423.D
Acq: 01 Sep 2023 18:15

Instrument :
MSVOA_Y
ClientSampleId :
SB-4

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#

