

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090123\
 Data File : VY015421.D
 Acq On : 01 Sep 2023 17:28
 Operator : SY/MD
 Sample : 04283-03
 Misc : 4.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3

Quant Time: Sep 01 23:44:20 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)

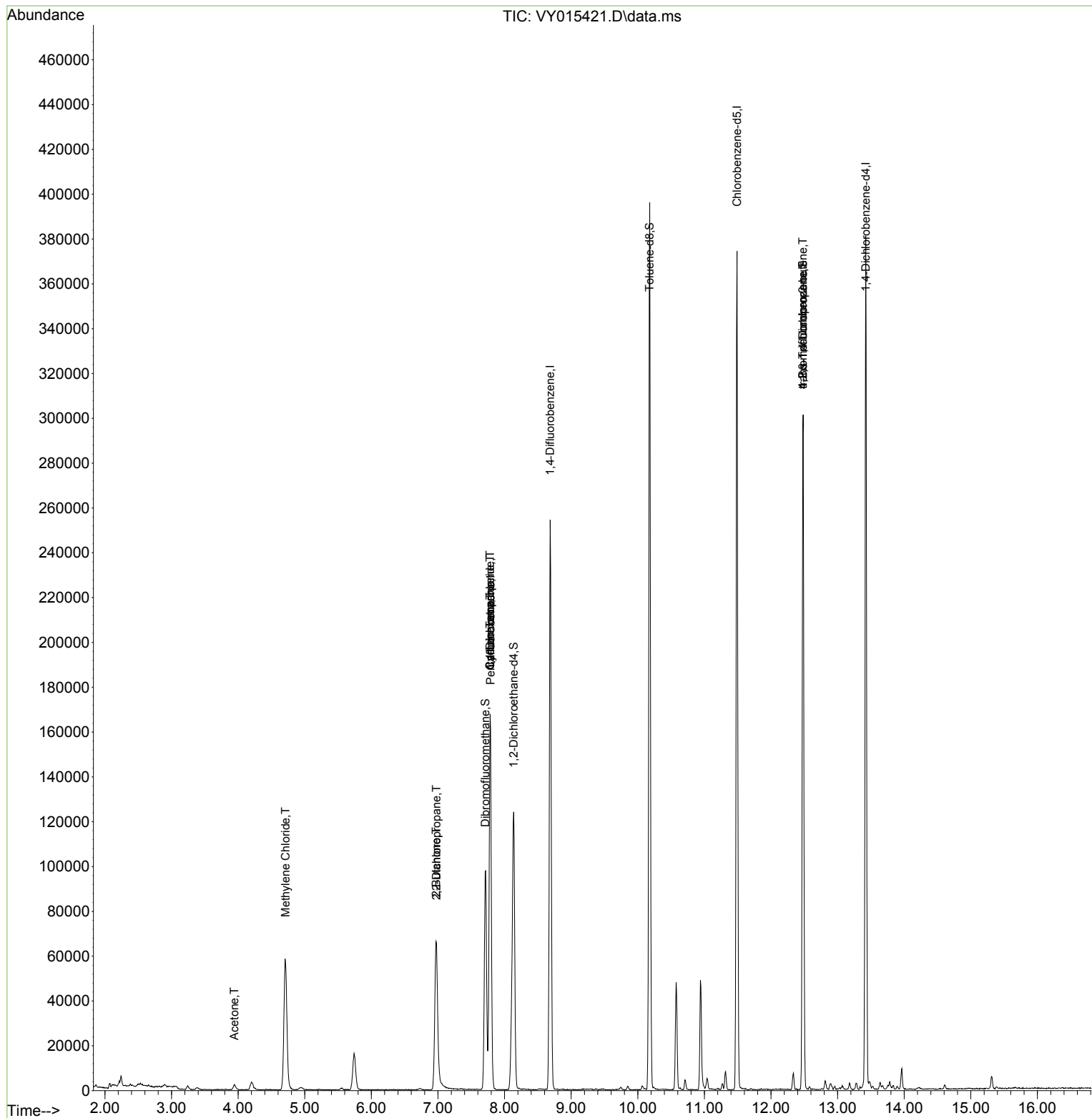
Internal Standards						
1) Pentafluorobenzene	7.789	168	128204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	214132	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	196523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	94673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	85724	62.375	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.760%			
35) Dibromofluoromethane	7.710	113	68719	55.717	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.440%			
50) Toluene-d8	10.179	98	253917	56.850	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 113.700%			
62) 4-Bromofluorobenzene	12.477	95	85000	51.263	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.520%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.942	59	1967	Below Cal		99
16) Acetone	3.942	43	3999	6.971 ug/l		93
20) Methylene Chloride	4.710	84	44607	20.075 ug/l #		90
25) 2-Butanone	6.972	43	3867	4.753 ug/l #		71
26) 2,2-Dichloropropane	6.978	77	5182	2.378 ug/l #		54
31) Cyclohexane	7.783	56	2735	1.120 ug/l #		6
36) 1,1-Dichloropropene	7.783	75	10752	4.965 ug/l #		49
38) Carbon Tetrachloride	7.783	117	13288	5.941 ug/l #		15
76) 1,2,3-Trichloropropane	12.477	75	46921	37.373 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.477	75	46921	82.442 ug/l #		11

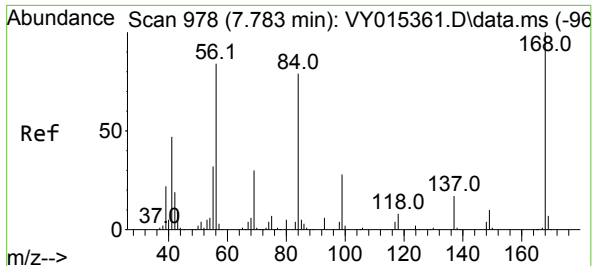
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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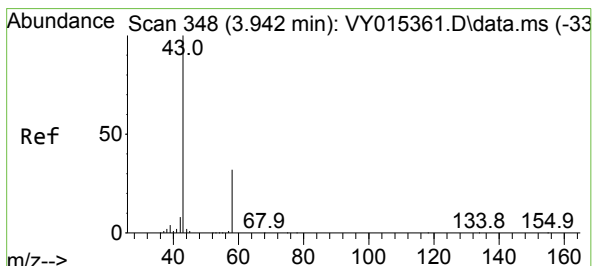
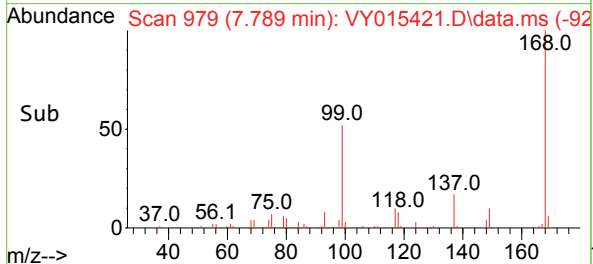
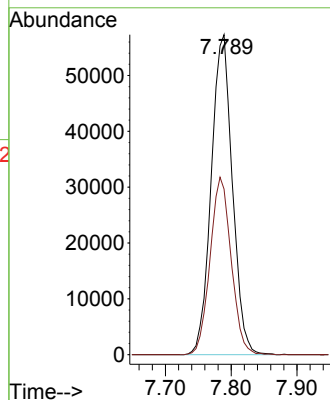
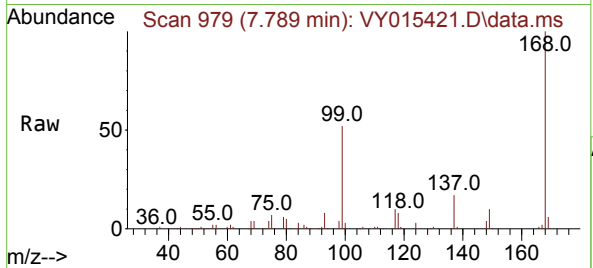




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015421.D
Acq: 01 Sep 2023 17:28

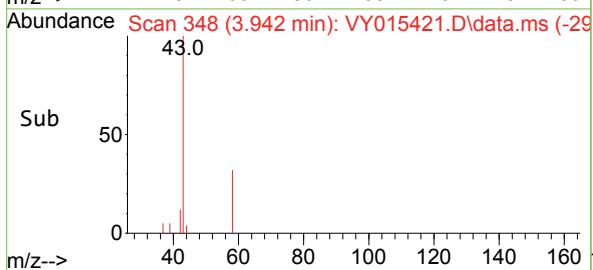
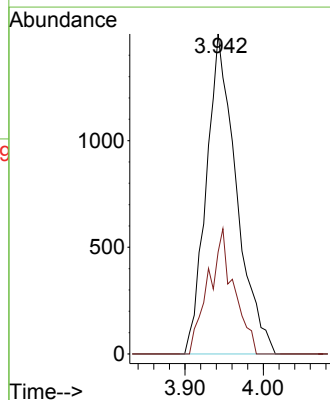
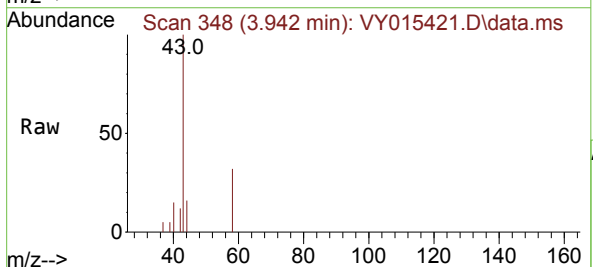
Instrument :
MSVOA_Y
ClientSampleId :
SB-3

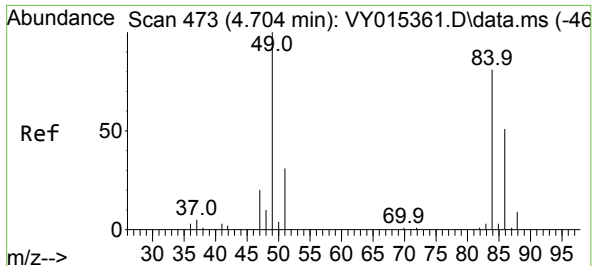
Tgt Ion:168 Resp: 128204
Ion Ratio Lower Upper
168 100
99 51.7 43.4 65.0



#16
Acetone
Concen: 6.971 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015421.D
Acq: 01 Sep 2023 17:28

Tgt Ion: 43 Resp: 3999
Ion Ratio Lower Upper
43 100
58 31.9 22.7 34.1

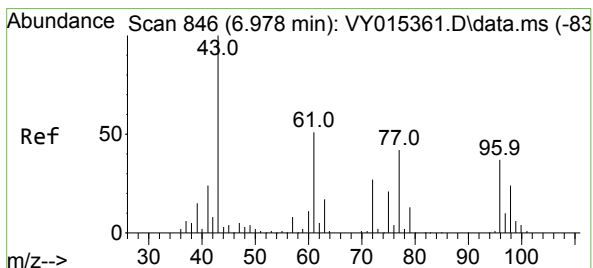
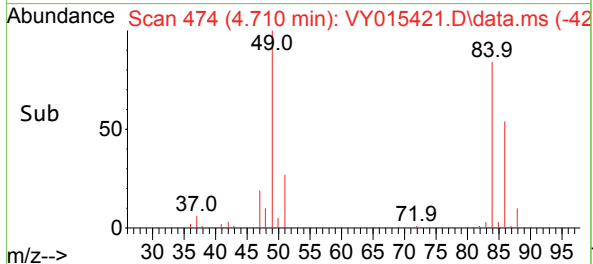
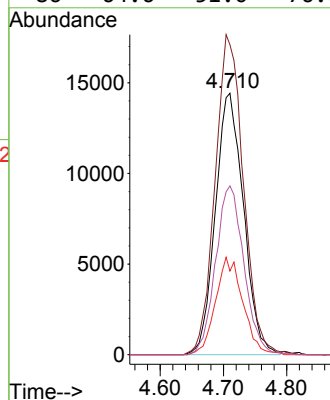
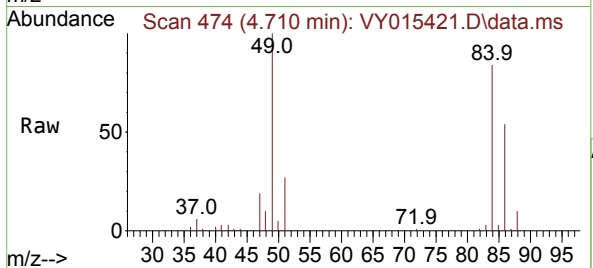




#20
Methylene Chloride
Concen: 20.075 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015421.D
Acq: 01 Sep 2023 17:28

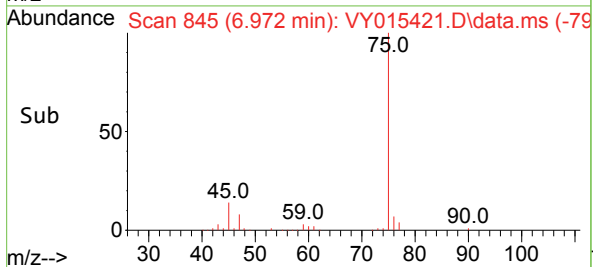
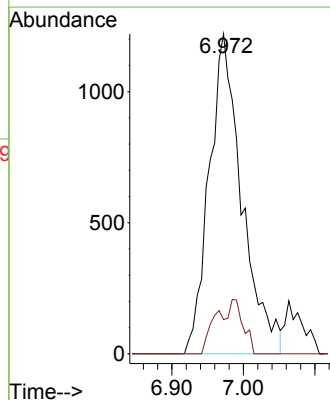
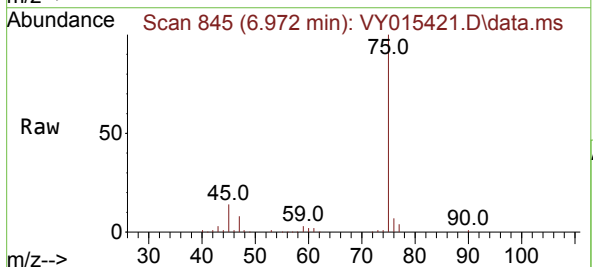
Instrument :
MSVOA_Y
ClientSampleId :
SB-3

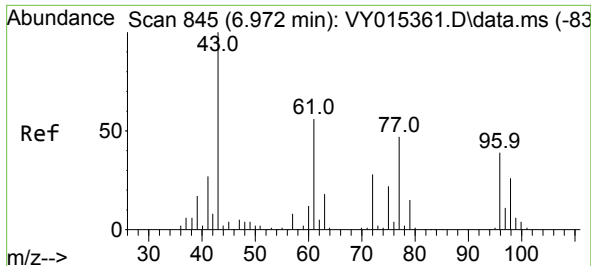
Tgt Ion: 84 Resp: 44607
Ion Ratio Lower Upper
84 100
49 118.5 106.9 160.3
51 32.0 33.2 49.8#
86 64.6 51.0 76.6



#25
2-Butanone
Concen: 4.753 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY015421.D
Acq: 01 Sep 2023 17:28

Tgt Ion: 43 Resp: 3867
Ion Ratio Lower Upper
43 100
72 10.7 20.5 30.7#

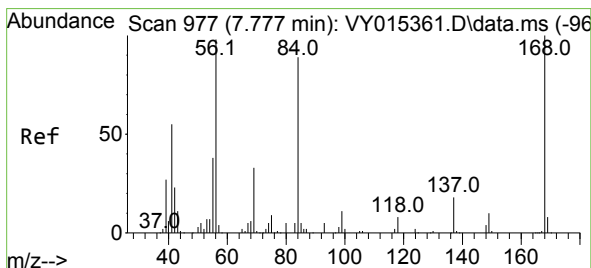
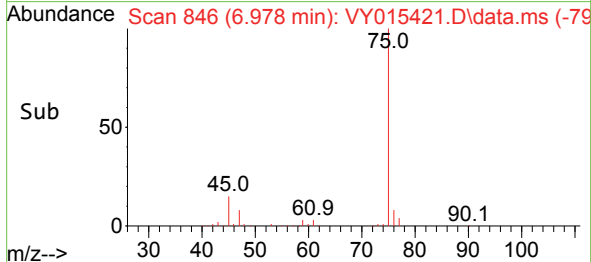
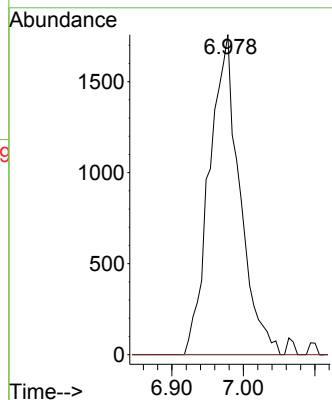
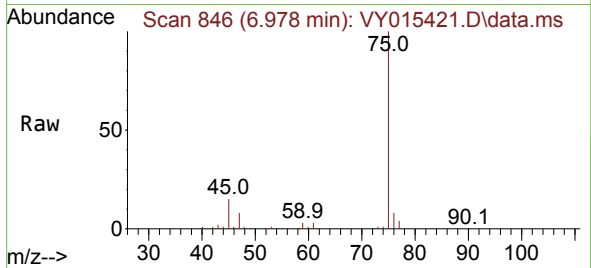




#26
2,2-Dichloropropane
Concen: 2.378 ug/l
RT: 6.978 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY015421.D
Acq: 01 Sep 2023 17:28

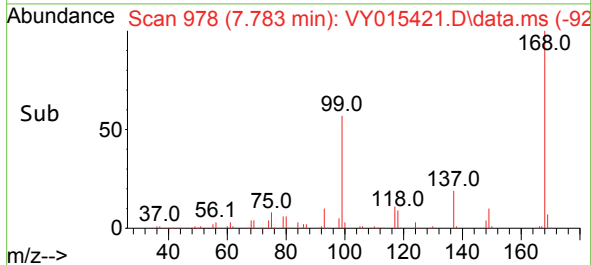
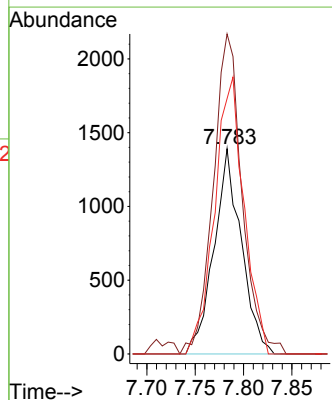
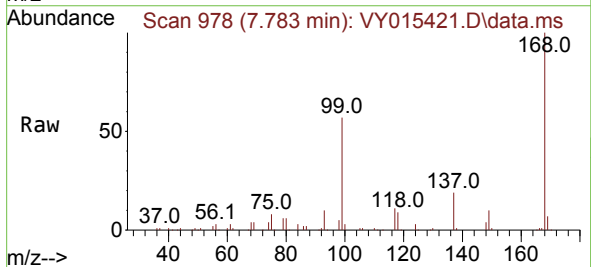
Instrument :
MSVOA_Y
ClientSampleId :
SB-3

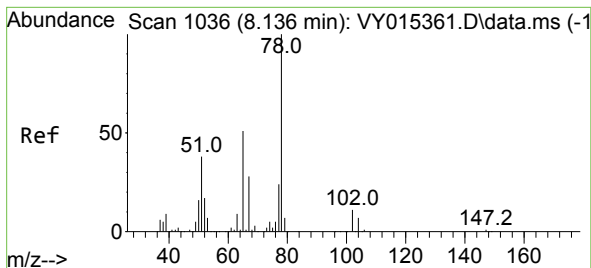
Tgt Ion: 77 Resp: 5182
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#31
Cyclohexane
Concen: 1.120 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.000 min
Lab File: VY015421.D
Acq: 01 Sep 2023 17:28

Tgt Ion: 56 Resp: 2735
Ion Ratio Lower Upper
56 100
69 155.8 27.8 41.6#
84 124.4 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 62.375 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015421.D

Acq: 01 Sep 2023 17:28

Instrument :

MSVOA_Y

ClientSampleId :

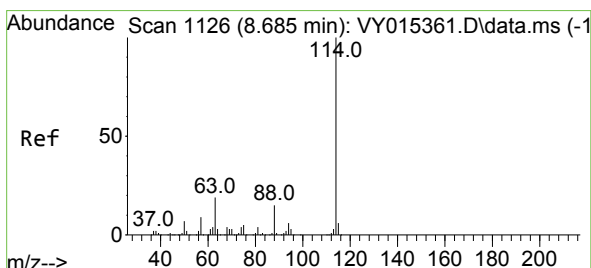
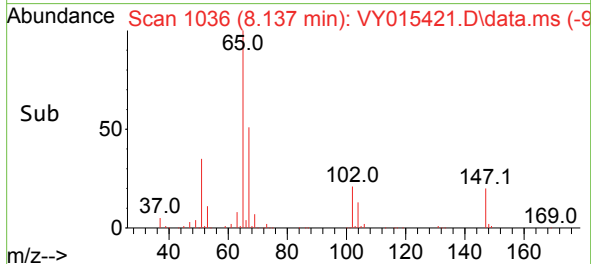
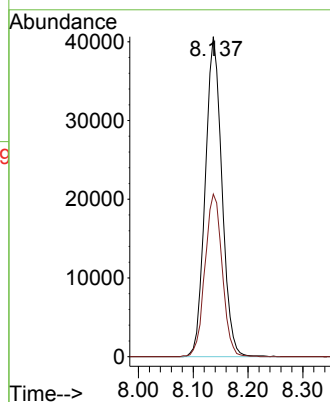
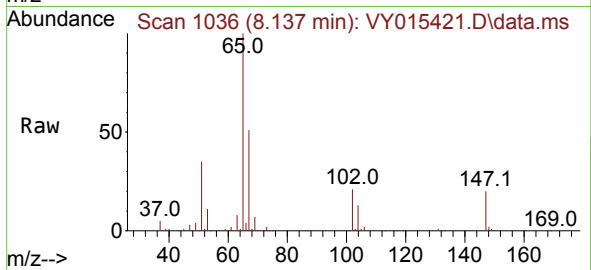
SB-3

Tgt Ion: 65 Resp: 85724

Ion Ratio Lower Upper

65 100

67 52.5 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: VY015421.D

Acq: 01 Sep 2023 17:28

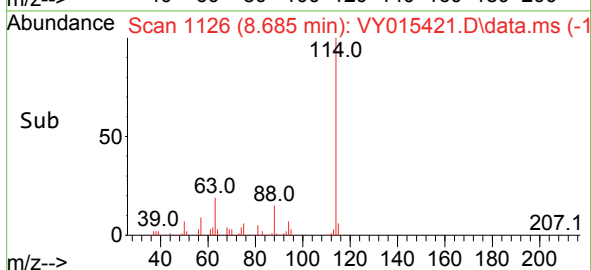
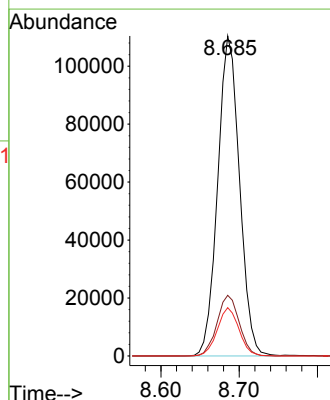
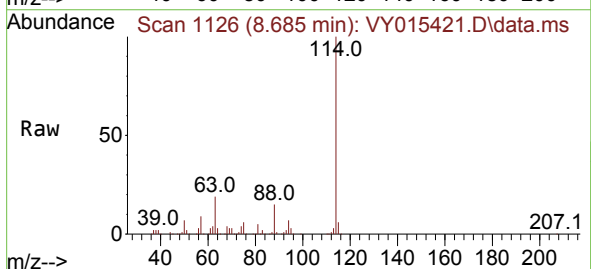
Tgt Ion:114 Resp: 214132

Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 15.1 0.0 30.6

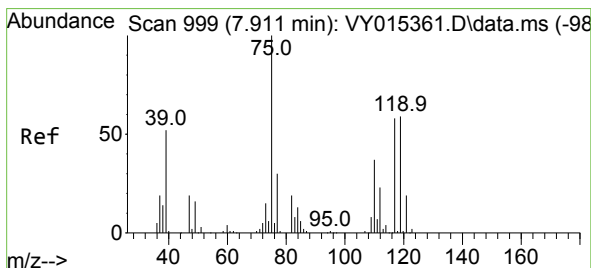
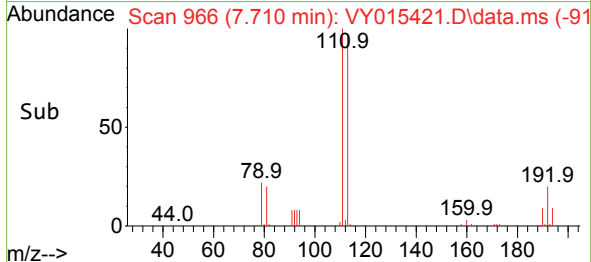
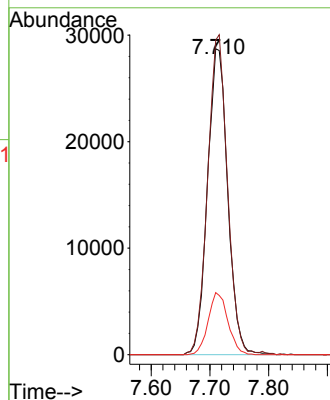
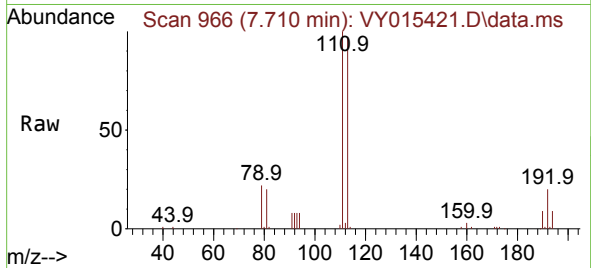




#35
Dibromofluoromethane
Concen: 55.717 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY015421.D
Acq: 01 Sep 2023 17:28

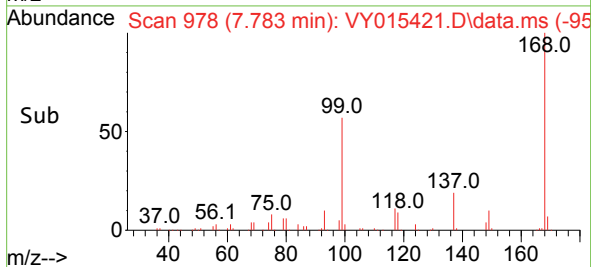
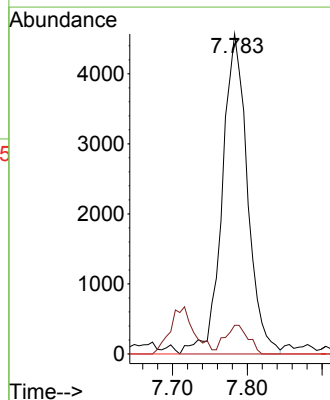
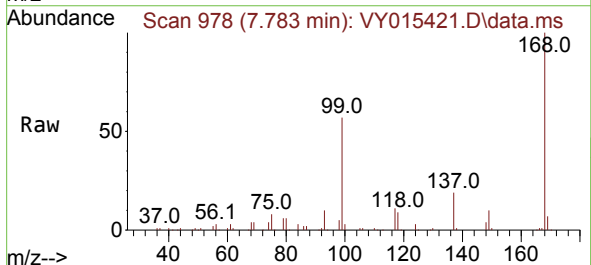
Instrument :
MSVOA_Y
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SB-3

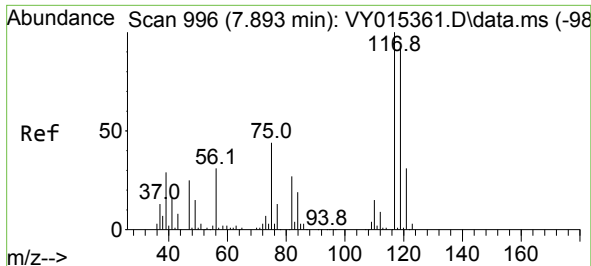
Tgt Ion:113 Resp: 68719
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 19.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.965 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015421.D
Acq: 01 Sep 2023 17:28

Tgt Ion: 75 Resp: 10752
Ion Ratio Lower Upper
75 100
110 8.1 17.8 53.5#
77 0.0 24.4 36.6#

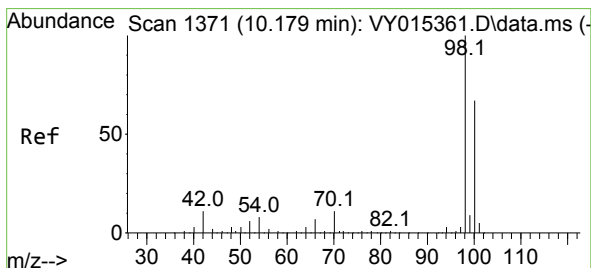
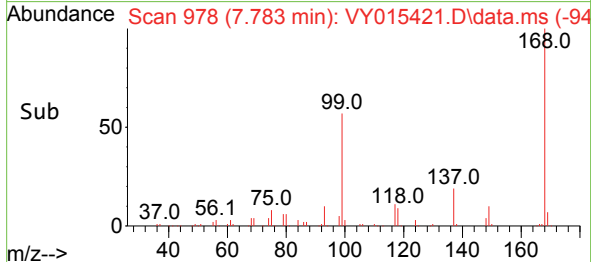
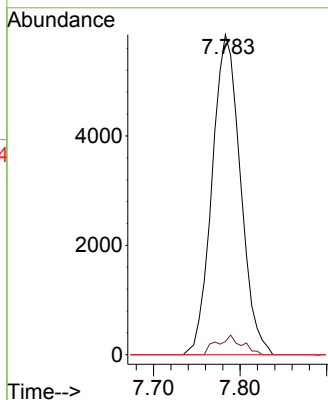
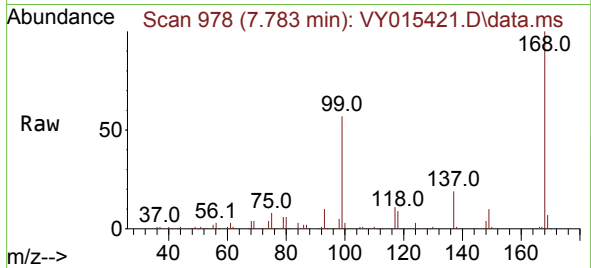




#38
Carbon Tetrachloride
Concen: 5.941 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015421.D
Acq: 01 Sep 2023 17:28

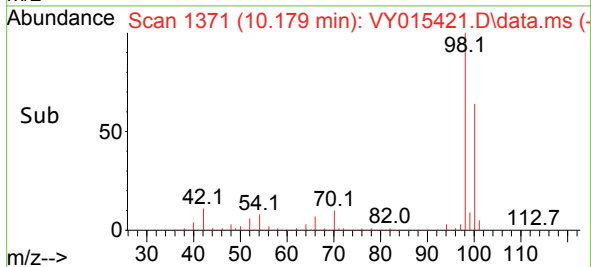
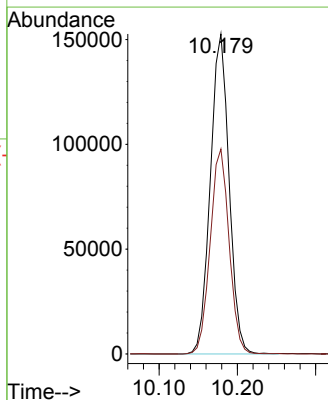
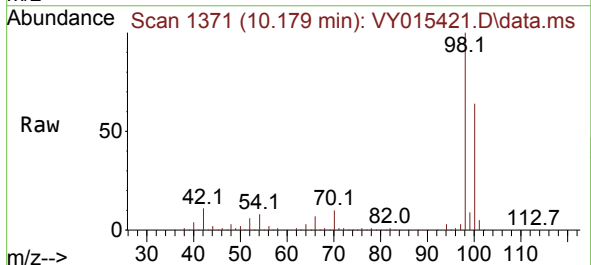
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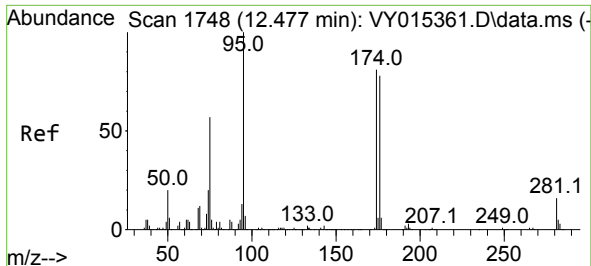
Tgt Ion:117 Resp: 13288
Ion Ratio Lower Upper
117 100
119 4.1 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 56.850 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015421.D
Acq: 01 Sep 2023 17:28

Tgt Ion: 98 Resp: 253917
Ion Ratio Lower Upper
98 100
100 64.6 50.1 75.1

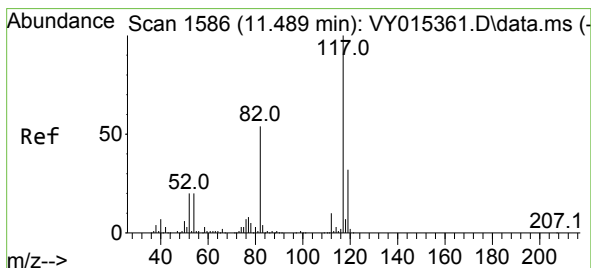
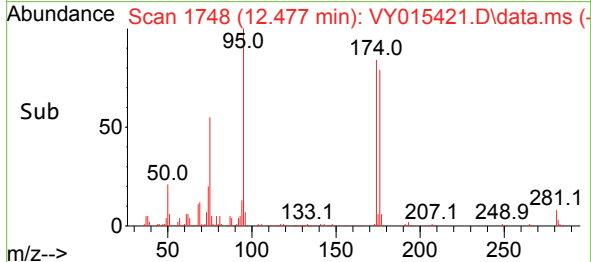
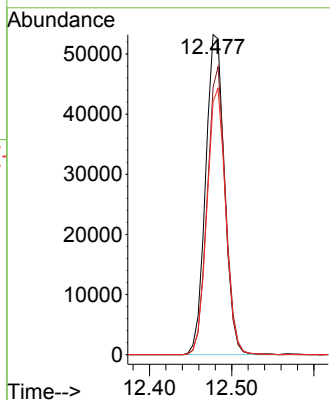
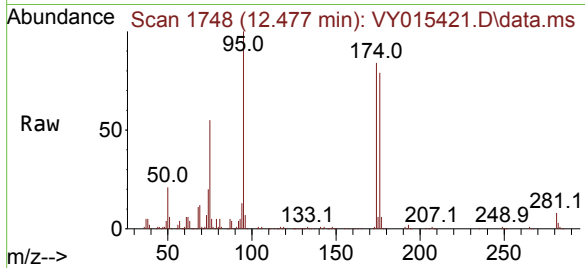




#62
4-Bromofluorobenzene
Concen: 51.263 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015421.D
Acq: 01 Sep 2023 17:28

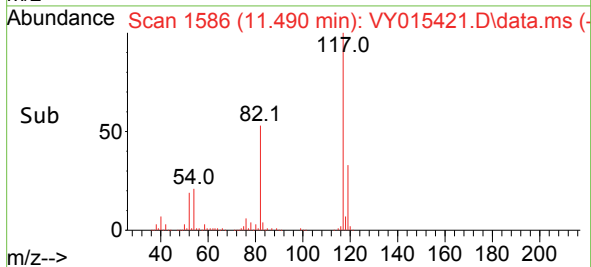
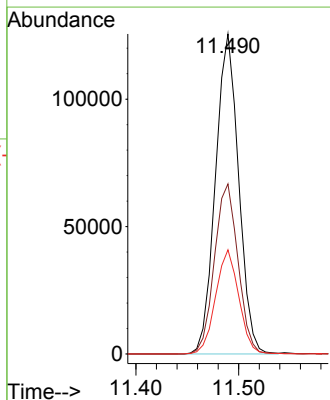
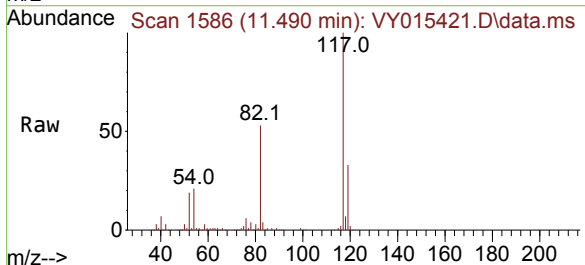
Instrument :
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ClientSampleId :
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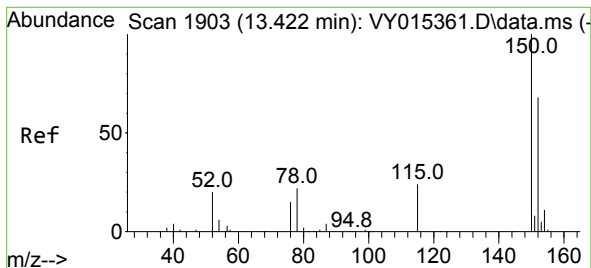
Tgt Ion:	95	Resp:	85000
Ion Ratio	Lower	Upper	
95	100		
174	87.2	0.0	178.2
176	82.4	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015421.D
Acq: 01 Sep 2023 17:28

Tgt Ion:	117	Resp:	196523
Ion Ratio	Lower	Upper	
117	100		
82	53.1	43.4	65.0
119	32.6	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: VY015421.D

Acq: 01 Sep 2023 17:28

Instrument :

MSVOA_Y

ClientSampleId :

SB-3

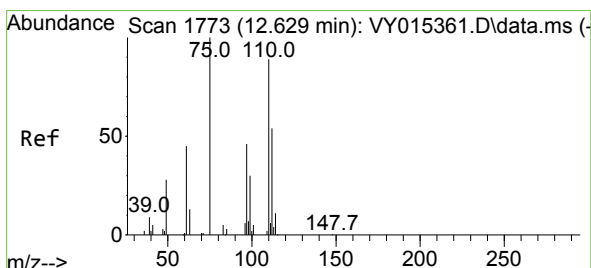
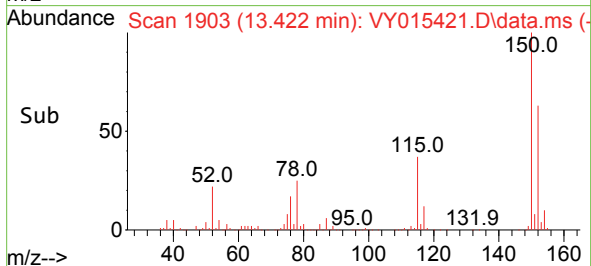
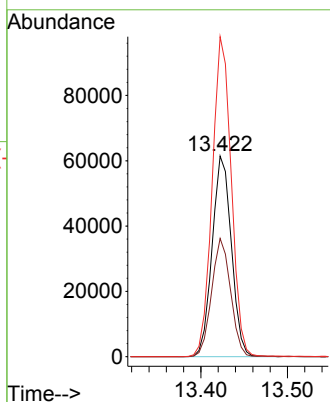
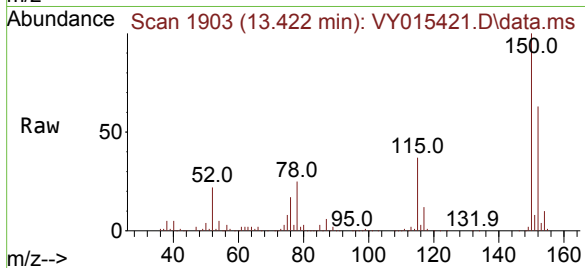
Tgt Ion:152 Resp: 94673

Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 158.2 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 37.373 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015421.D

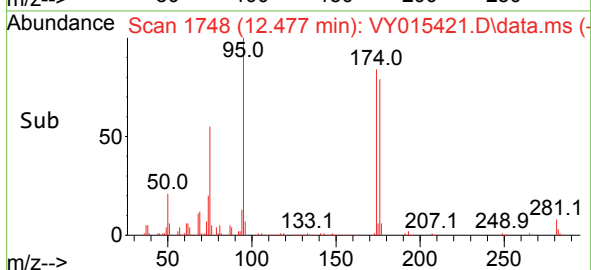
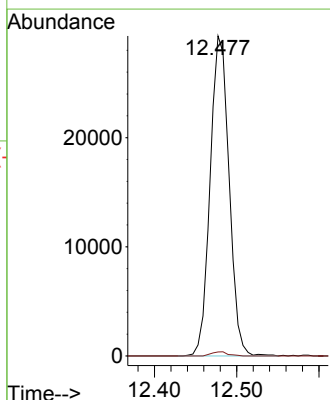
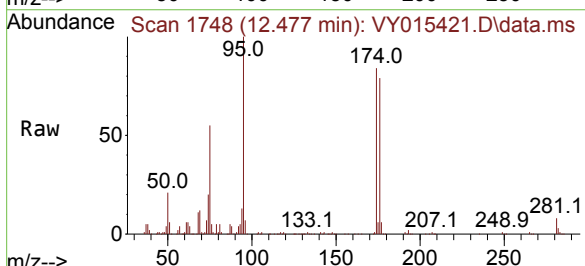
Acq: 01 Sep 2023 17:28

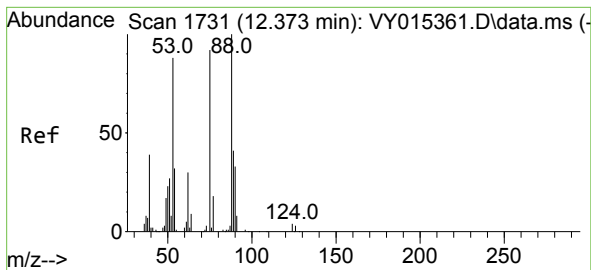
Tgt Ion: 75 Resp: 46921

Ion Ratio Lower Upper

75 100

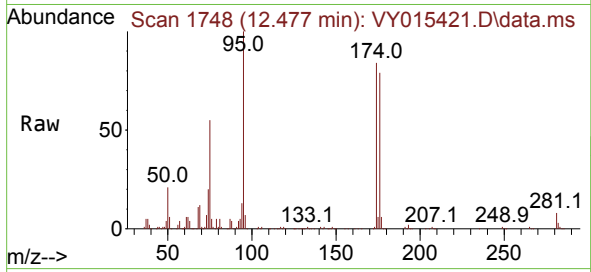
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.442 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY015421.D
 Acq: 01 Sep 2023 17:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3



Tgt Ion: 75 Resp: 46921
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.2 37.4 56.0#

