

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090123\
 Data File : VY015425.D
 Acq On : 01 Sep 2023 19:02
 Operator : SY/MD
 Sample : 04283-06
 Misc : 4.57g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-1

Quant Time: Sep 01 23:45:45 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)

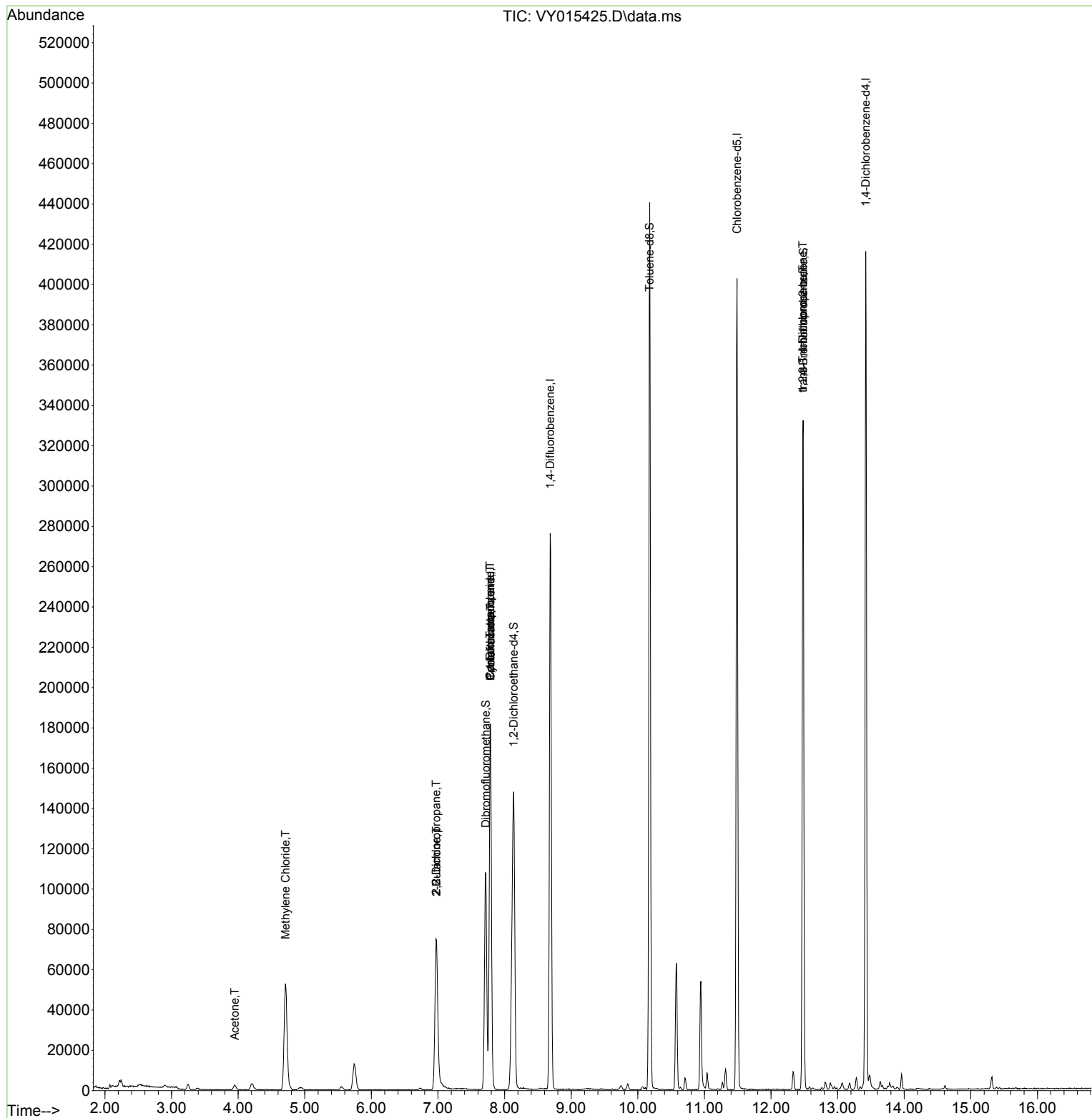
Internal Standards						
1) Pentafluorobenzene	7.789	168	141119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	238769	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	217523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	104890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	93192	61.603	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.200%	
35) Dibromofluoromethane	7.716	113	75025	54.553	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.100%	
50) Toluene-d8	10.179	98	278302	55.880	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.760%	
62) 4-Bromofluorobenzene	12.483	95	94647	51.192	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.380%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	1507	Below Cal	#	89
16) Acetone	3.948	43	4442	7.035	ug/l #	81
20) Methylene Chloride	4.710	84	39238	14.630	ug/l	94
25) 2-Butanone	6.978	43	4184	4.672	ug/l #	81
26) 2,2-Dichloropropane	6.972	77	5735	2.391	ug/l #	54
31) Cyclohexane	7.789	56	3177	1.182	ug/l #	3
36) 1,1-Dichloropropene	7.783	75	10885	4.508	ug/l #	50
38) Carbon Tetrachloride	7.783	117	13688	5.488	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	51786	37.231	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	51786	82.127	ug/l #	11

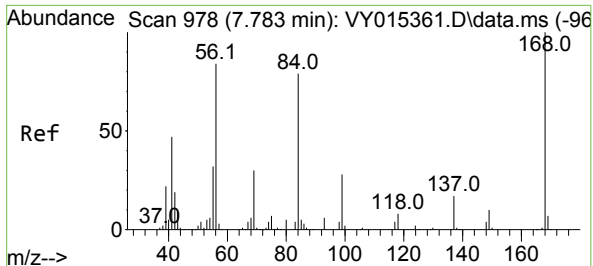
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration

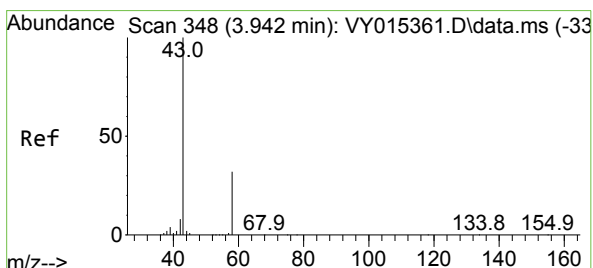
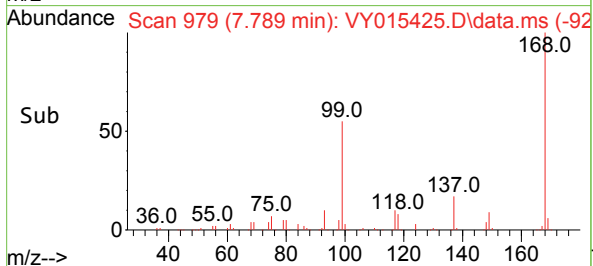
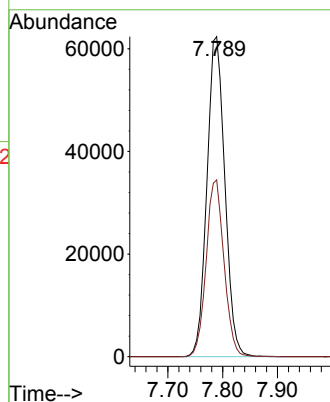
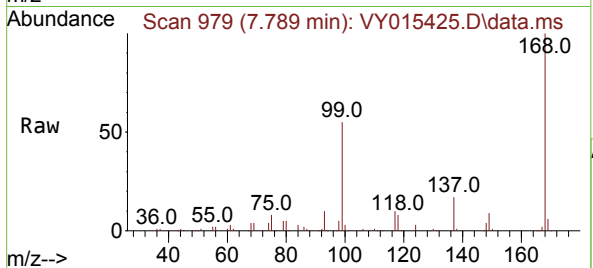




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015425.D
Acq: 01 Sep 2023 19:02

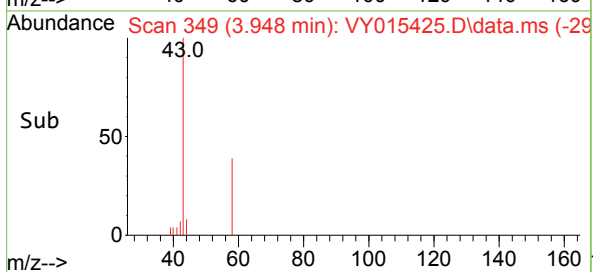
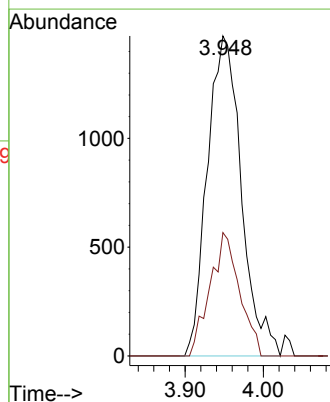
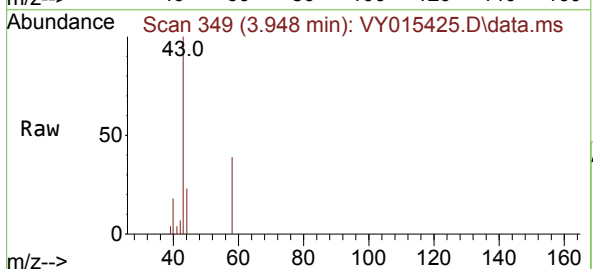
Instrument :
MSVOA_Y
ClientSampleId :
C-1

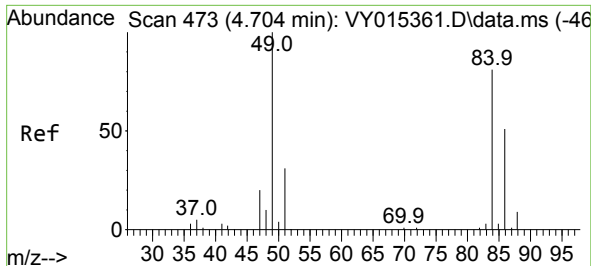
Tgt Ion:168 Resp: 141119
Ion Ratio Lower Upper
168 100
99 55.3 43.4 65.0



#16
Acetone
Concen: 7.035 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015425.D
Acq: 01 Sep 2023 19:02

Tgt Ion: 43 Resp: 4442
Ion Ratio Lower Upper
43 100
58 38.5 22.7 34.1#



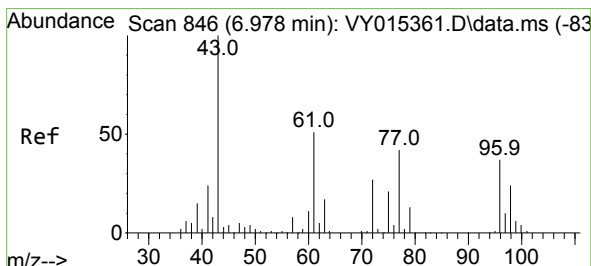
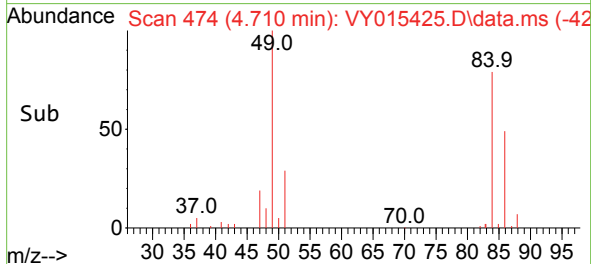
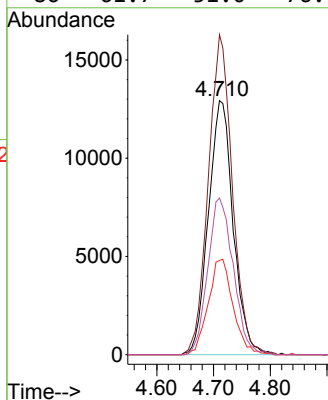
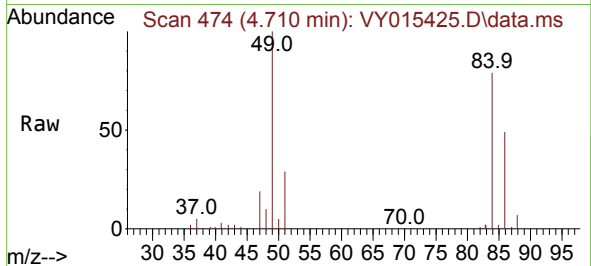


#20
Methylene Chloride
Concen: 14.630 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015425.D
Acq: 01 Sep 2023 19:02

Instrument :
MSVOA_Y
ClientSampleId :
C-1

Tgt Ion: 84 Resp: 39238

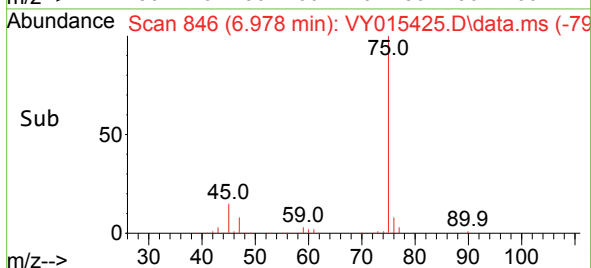
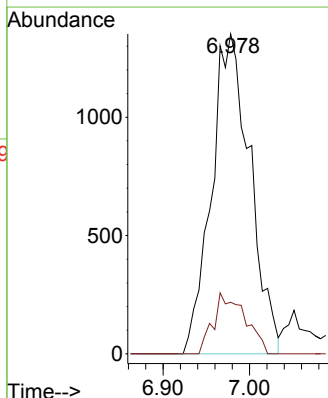
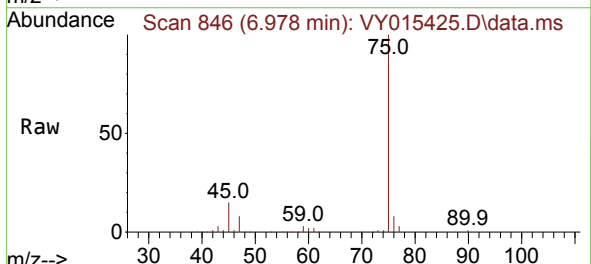
Ion	Ratio	Lower	Upper
84	100		
49	126.0	106.9	160.3
51	37.1	33.2	49.8
86	61.7	51.0	76.6

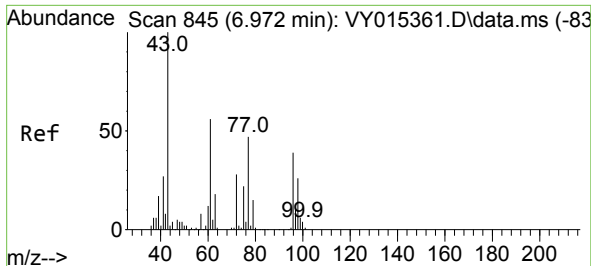


#25
2-Butanone
Concen: 4.672 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY015425.D
Acq: 01 Sep 2023 19:02

Tgt Ion: 43 Resp: 4184

Ion	Ratio	Lower	Upper
43	100		
72	16.1	20.5	30.7#

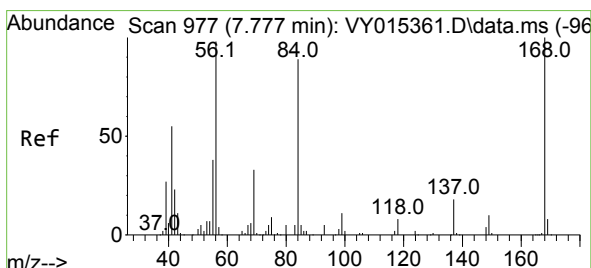
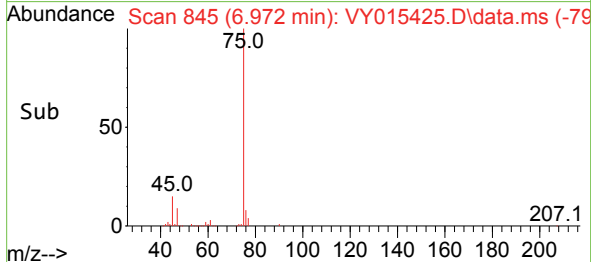
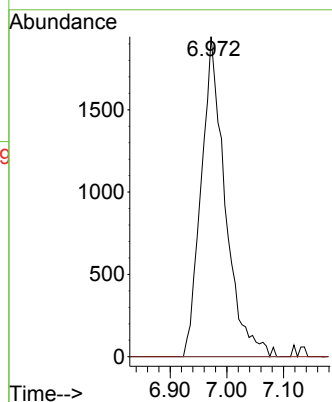
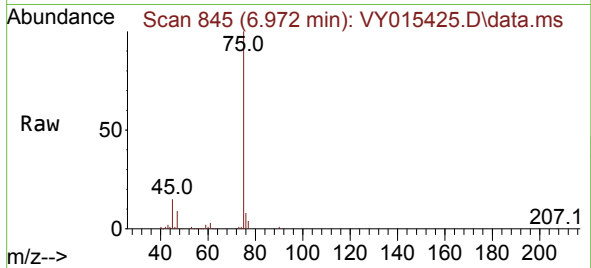




#26
2,2-Dichloropropane
Concen: 2.391 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY015425.D
Acq: 01 Sep 2023 19:02

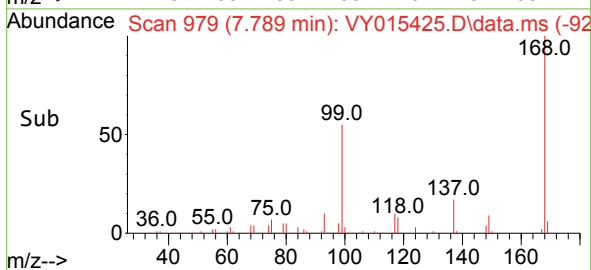
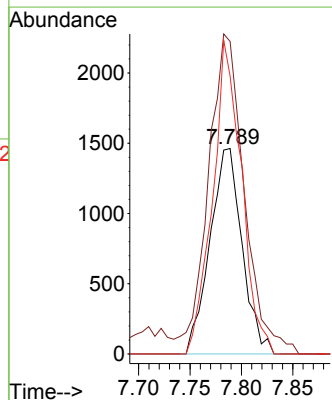
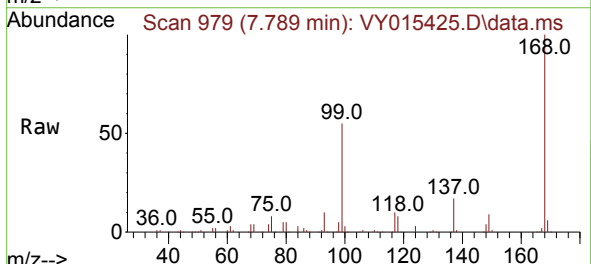
Instrument :
MSVOA_Y
ClientSampleId :
C-1

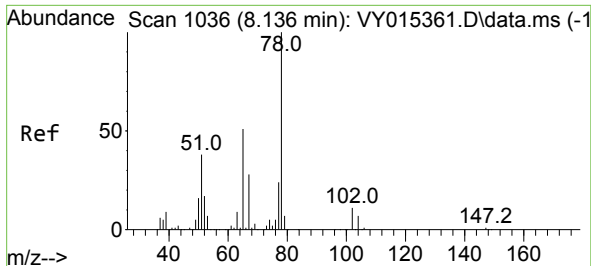
Tgt Ion: 77 Resp: 5735
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#31
Cyclohexane
Concen: 1.182 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY015425.D
Acq: 01 Sep 2023 19:02

Tgt Ion: 56 Resp: 3177
Ion Ratio Lower Upper
56 100
69 144.1 27.8 41.6#
84 135.1 66.4 99.6#

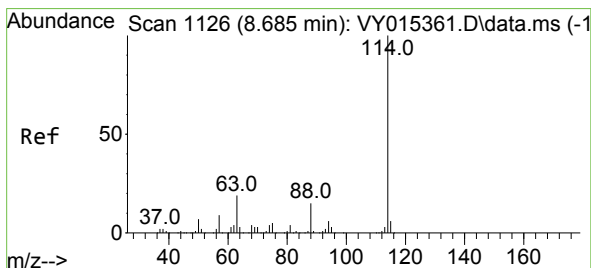
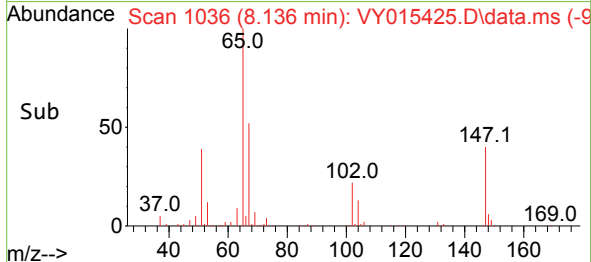
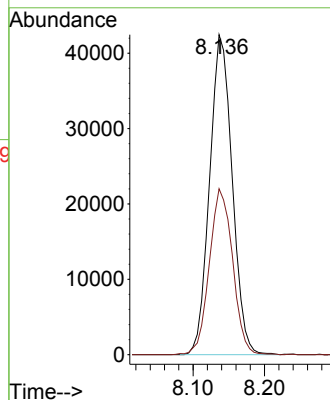
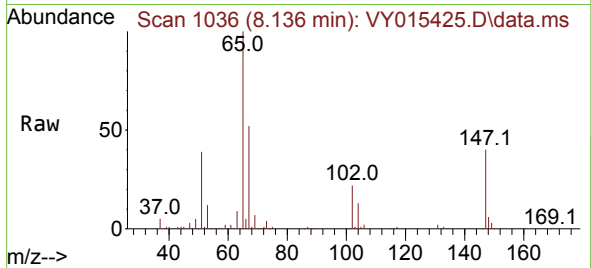




#33
 1,2-Dichloroethane-d4
 Concen: 61.603 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY015425.D
 Acq: 01 Sep 2023 19:02

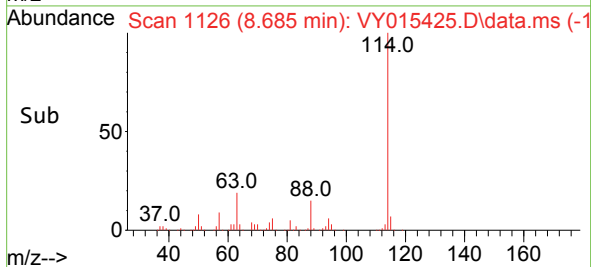
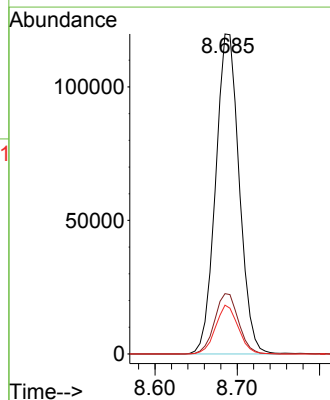
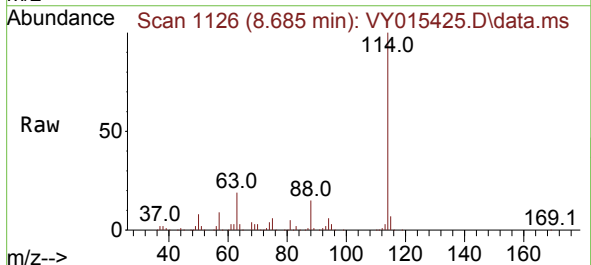
Instrument :
 MSVOA_Y
 ClientSampleId :
 C-1

Tgt Ion: 65 Resp: 93192
 Ion Ratio Lower Upper
 65 100
 67 53.5 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: VY015425.D
 Acq: 01 Sep 2023 19:02

Tgt Ion: 114 Resp: 238769
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 42.4
 88 15.2 0.0 30.6

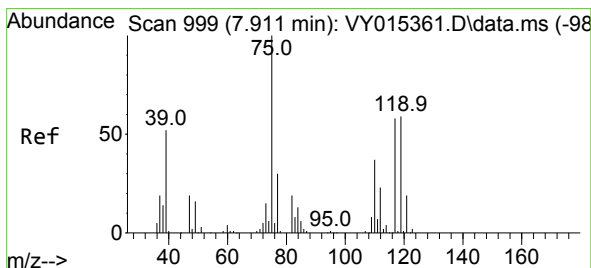
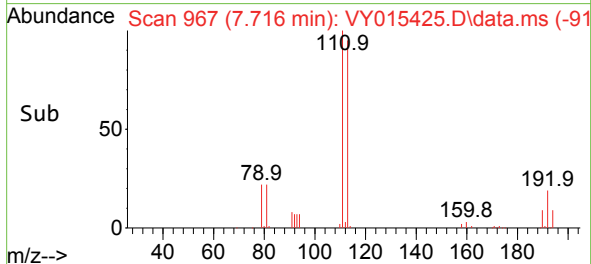
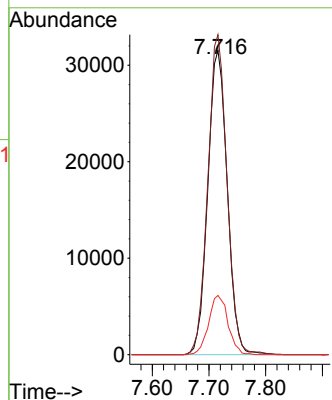
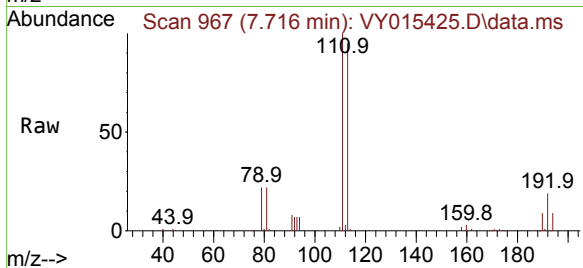




#35
Dibromofluoromethane
Concen: 54.553 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY015425.D
Acq: 01 Sep 2023 19:02

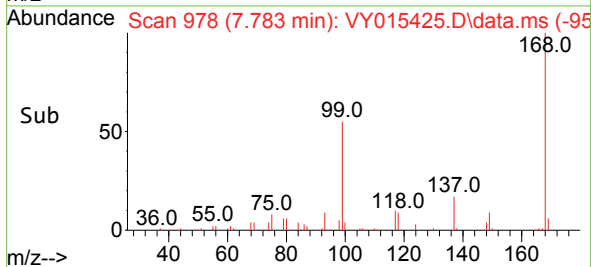
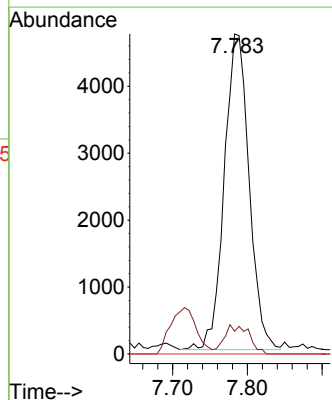
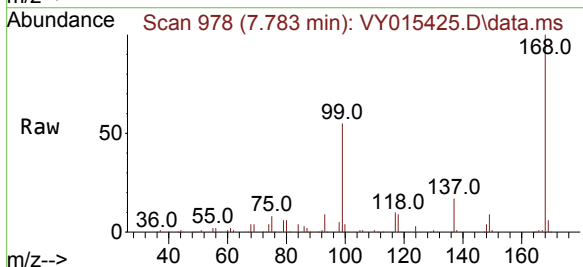
Instrument :
MSVOA_Y
ClientSampleId :
C-1

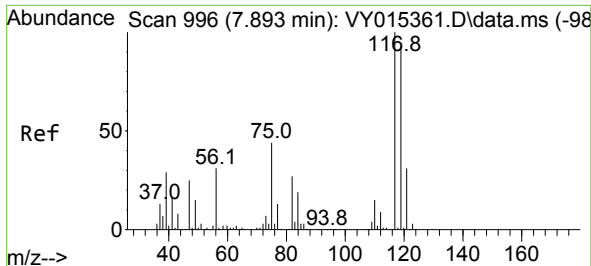
Tgt Ion:113 Resp: 75025
Ion Ratio Lower Upper
113 100
111 103.9 81.3 121.9
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.508 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015425.D
Acq: 01 Sep 2023 19:02

Tgt Ion: 75 Resp: 10885
Ion Ratio Lower Upper
75 100
110 9.2 17.8 53.5#
77 0.0 24.4 36.6#

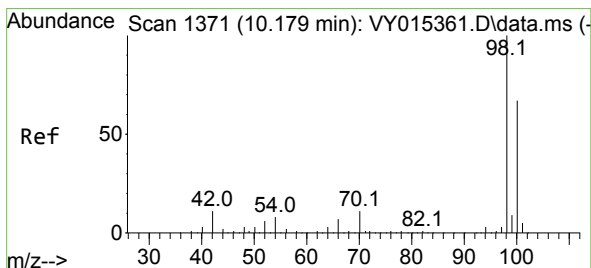
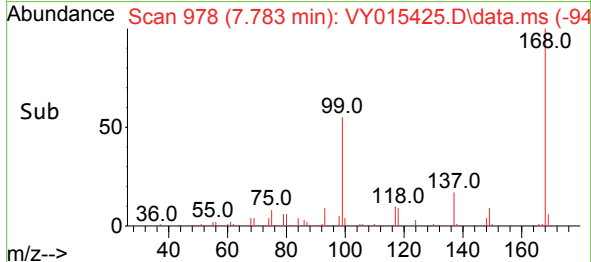
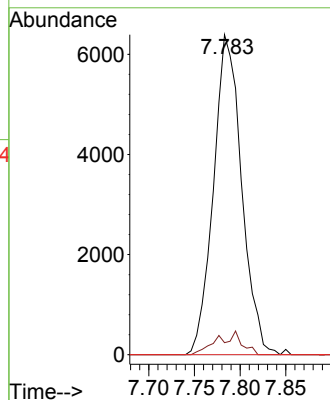
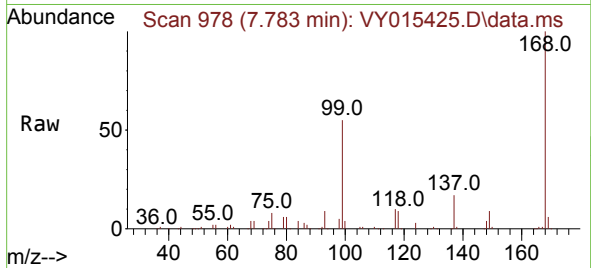




#38
Carbon Tetrachloride
Concen: 5.488 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015425.D
Acq: 01 Sep 2023 19:02

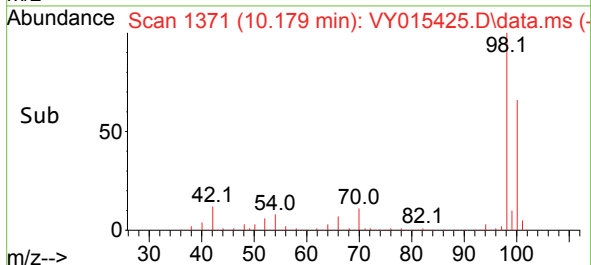
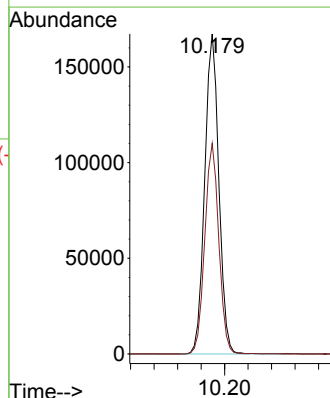
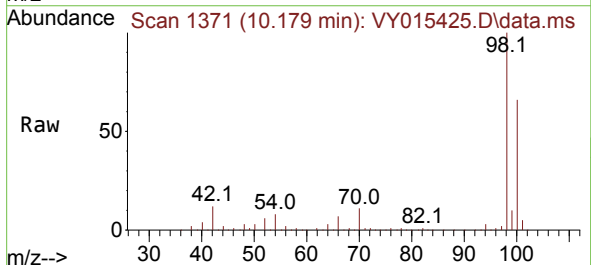
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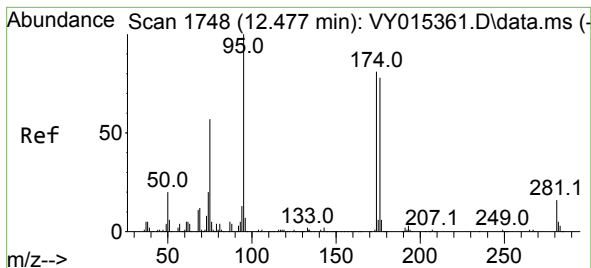
Tgt Ion:117 Resp: 13688
Ion Ratio Lower Upper
117 100
119 3.8 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 55.880 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015425.D
Acq: 01 Sep 2023 19:02

Tgt Ion: 98 Resp: 278302
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1

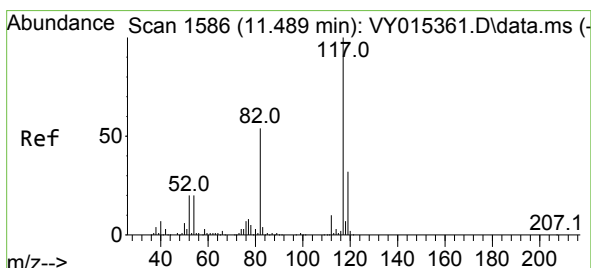
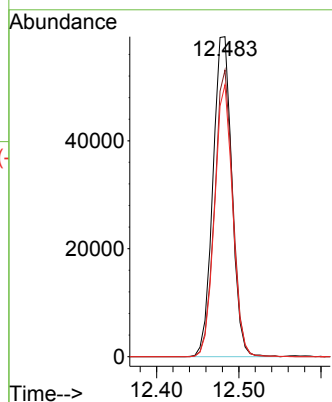
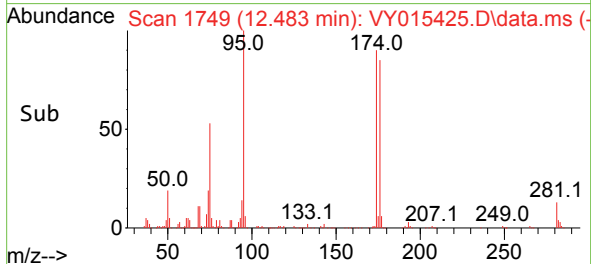
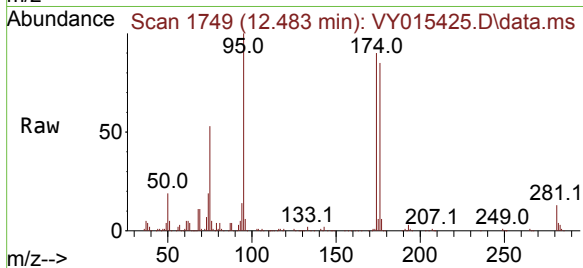




#62
4-Bromofluorobenzene
Concen: 51.192 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015425.D
Acq: 01 Sep 2023 19:02

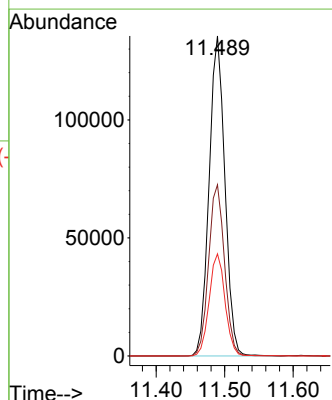
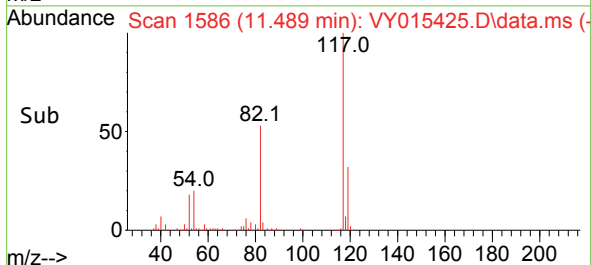
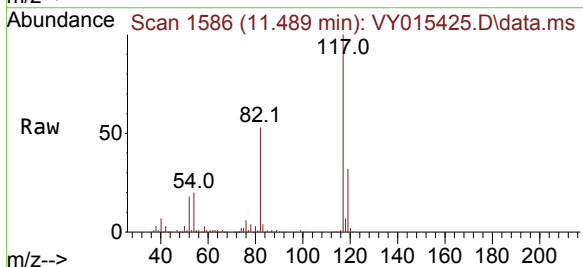
Instrument :
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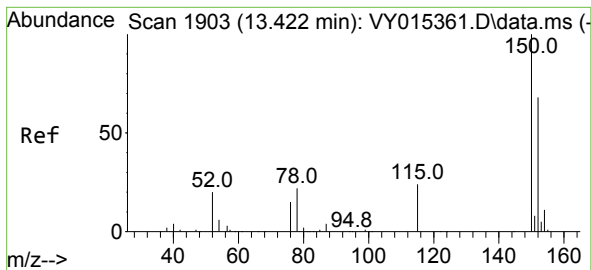
Tgt Ion: 95 Resp: 94647
Ion Ratio Lower Upper
95 100
174 86.4 0.0 178.2
176 81.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015425.D
Acq: 01 Sep 2023 19:02

Tgt Ion: 117 Resp: 217523
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.0
119 31.9 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: VY015425.D

Acq: 01 Sep 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :

C-1

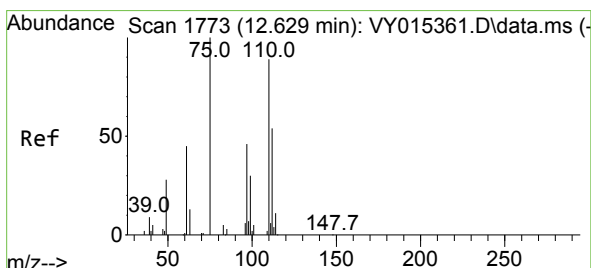
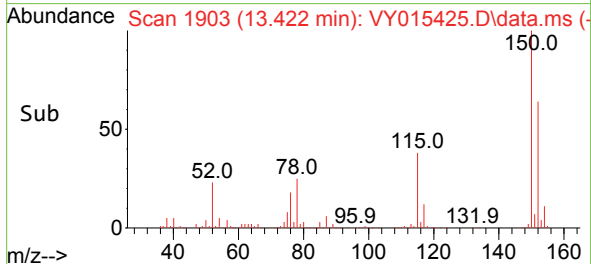
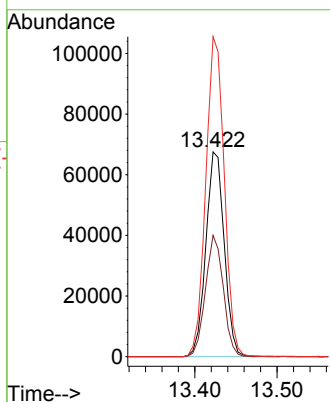
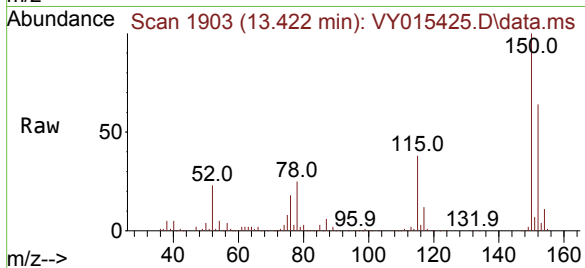
Tgt Ion:152 Resp: 104890

Ion Ratio Lower Upper

152 100

115 57.5 28.8 86.5

150 156.9 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 37.231 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015425.D

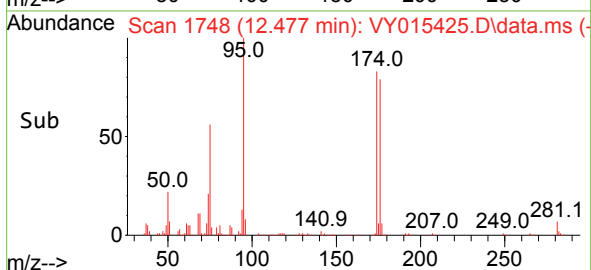
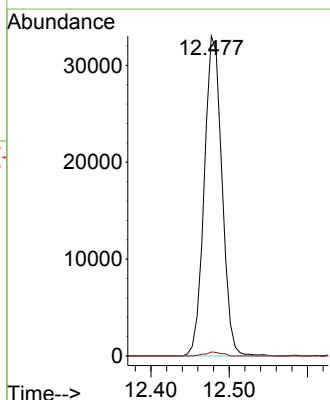
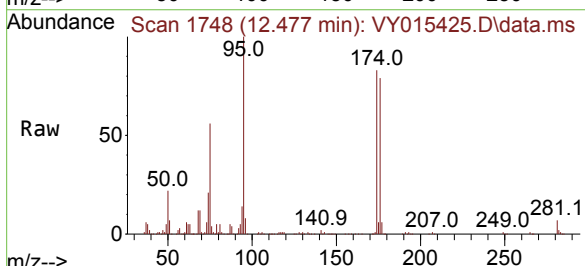
Acq: 01 Sep 2023 19:02

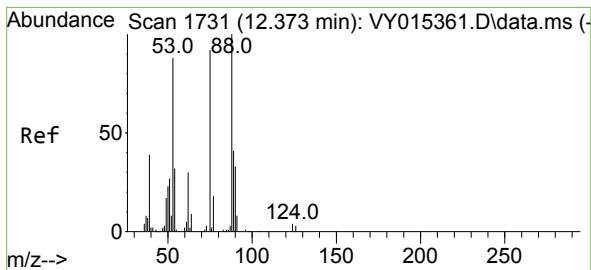
Tgt Ion: 75 Resp: 51786

Ion Ratio Lower Upper

75 100

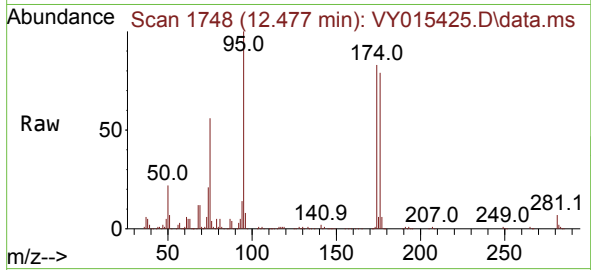
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.127 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY015425.D
 Acq: 01 Sep 2023 19:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-1



Tgt Ion: 75 Resp: 51786
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.2 37.4 56.0#

