

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081723\
 Data File : VY015162.D
 Acq On : 17 Aug 2023 11:21
 Operator : SY/MD
 Sample : VY0817SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 18 00:50:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

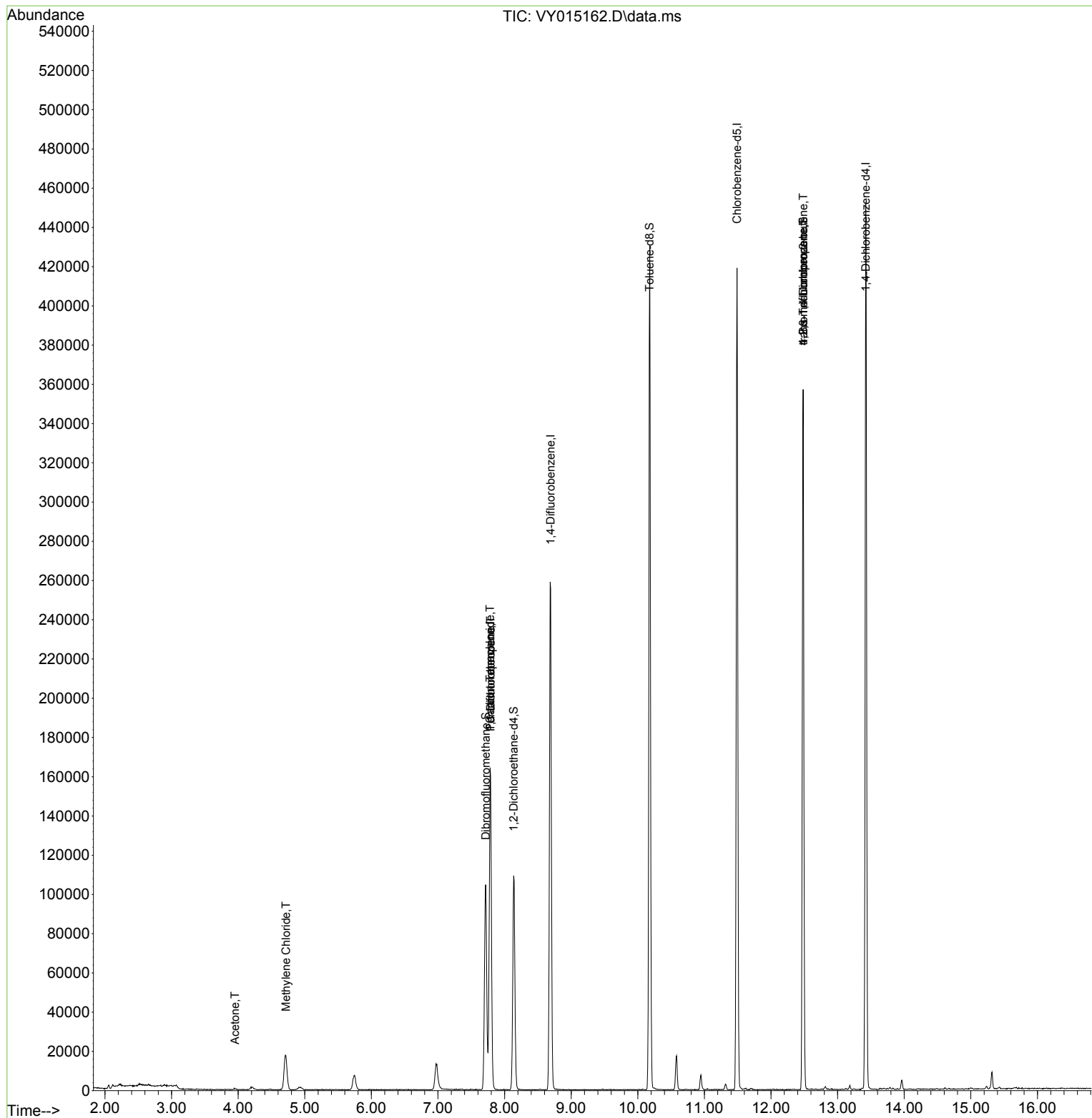
Internal Standards						
1) Pentafluorobenzene	7.789	168	126658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	225591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	225858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	114977	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	84928	55.859	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.720%	
35) Dibromofluoromethane	7.716	113	72291	49.811	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.620%	
50) Toluene-d8	10.179	98	271708	50.292	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.580%	
62) 4-Bromofluorobenzene	12.483	95	102395	51.891	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.780%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	25	Below Cal	#	43
3) Chloromethane	2.113	50	396	Below Cal		98
5) Bromomethane	2.656	94	273	Below Cal		91
11) Tert butyl alcohol	4.936	59	155	Below Cal	#	89
16) Acetone	3.954	43	786	1.582	ug/l	98
20) Methylene Chloride	4.716	84	13640	7.808	ug/l	88
31) Cyclohexane	7.783	56	2664	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	10161	6.328	ug/l #	49
38) Carbon Tetrachloride	7.783	117	12599	6.630	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	56552	40.484	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	56552	88.923	ug/l #	11

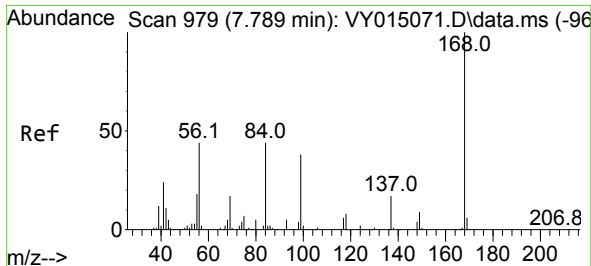
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 18 00:50:11 2023
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Quant Title : SW846 8260
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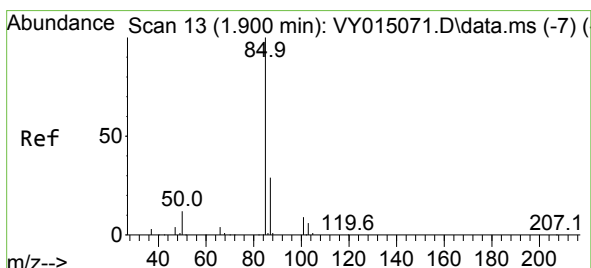
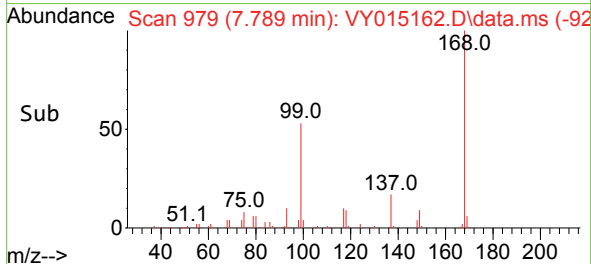
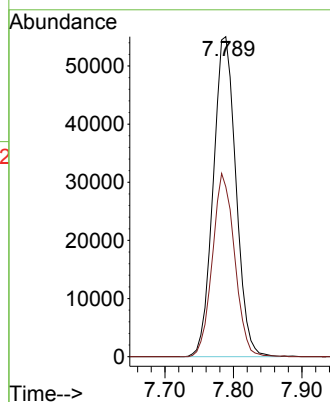
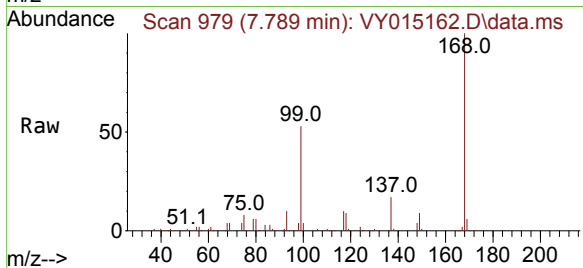




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015162.D
Acq: 17 Aug 2023 11:21

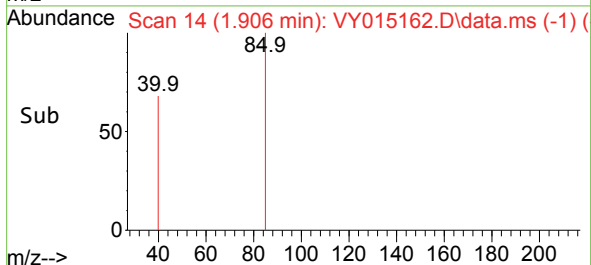
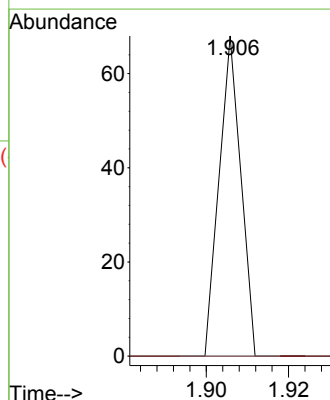
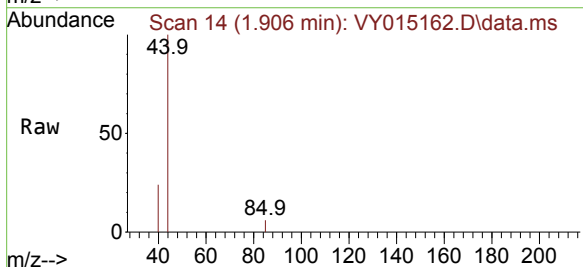
Instrument :
MSVOA_Y
ClientSampleId :

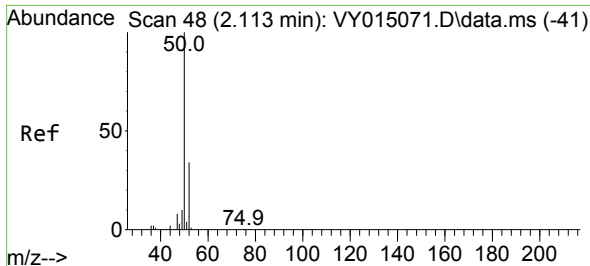
Tgt Ion:168 Resp: 126658
Ion Ratio Lower Upper
168 100
99 53.1 43.4 65.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015162.D
Acq: 17 Aug 2023 11:21

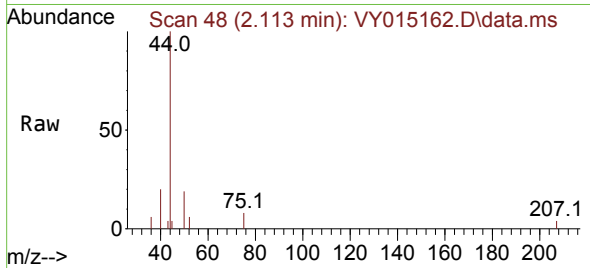
Tgt Ion: 85 Resp: 25
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#



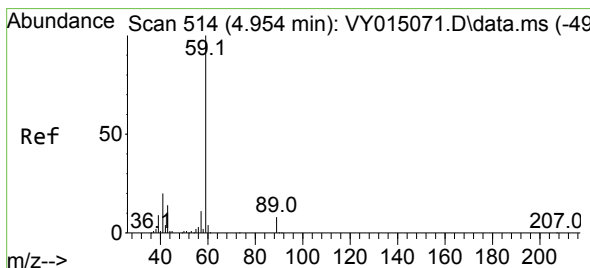
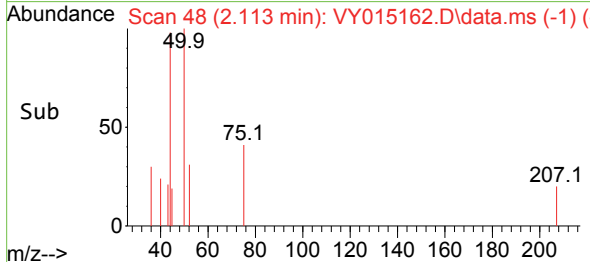
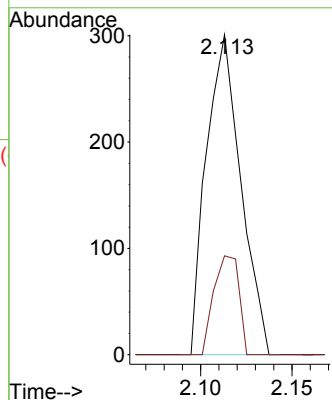


#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015162.D
Acq: 17 Aug 2023 11:21

Instrument :
MSVOA_Y
ClientSampleId :

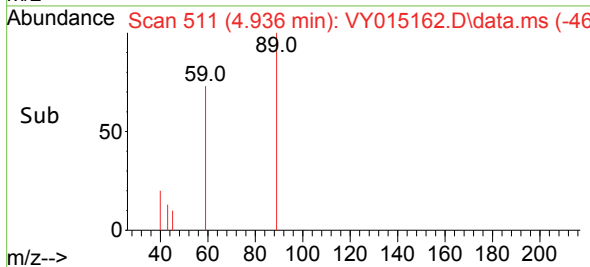
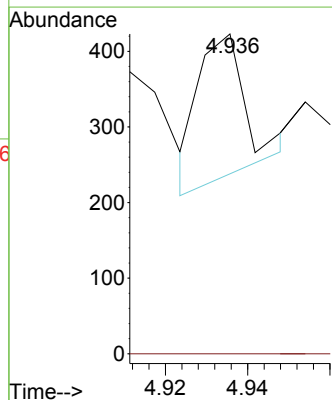
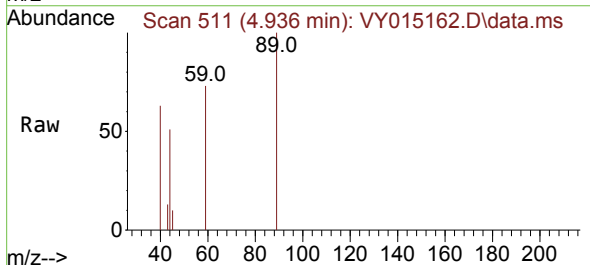


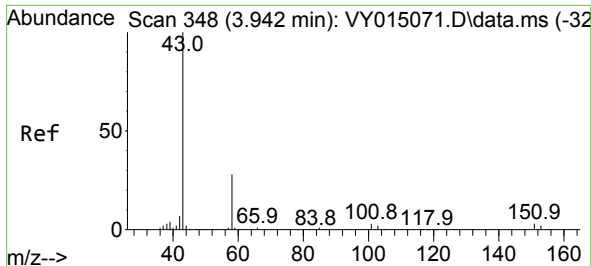
Tgt Ion: 50 Resp: 396
Ion Ratio Lower Upper
50 100
52 30.9 25.4 38.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY015162.D
Acq: 17 Aug 2023 11:21

Tgt Ion: 59 Resp: 155
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

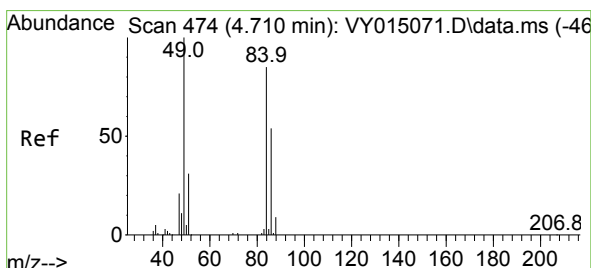
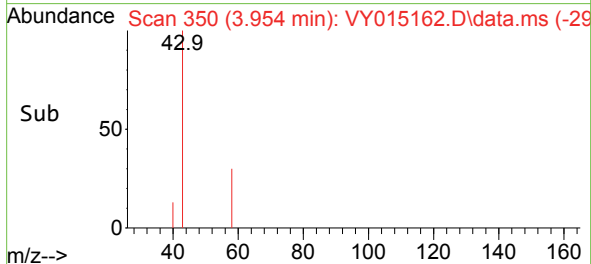
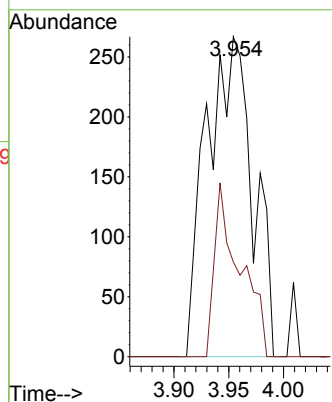
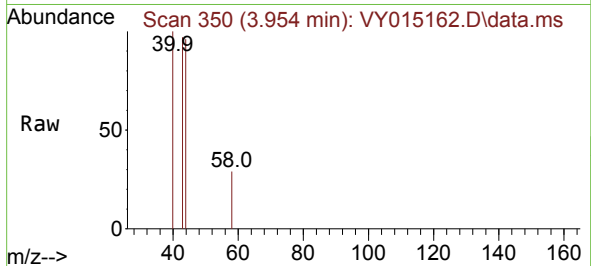




#16
Acetone
Concen: 1.582 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY015162.D
Acq: 17 Aug 2023 11:21

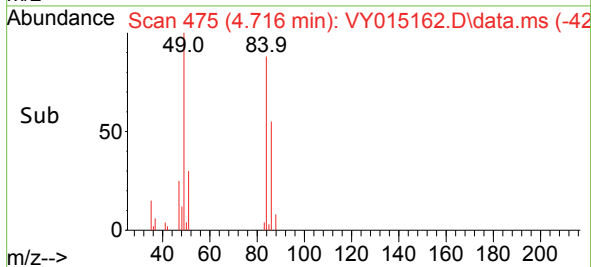
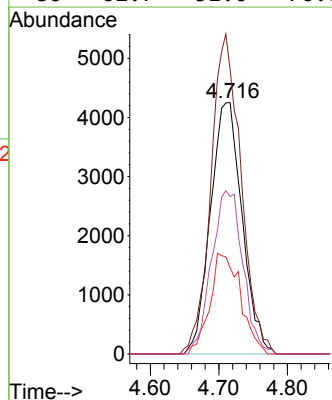
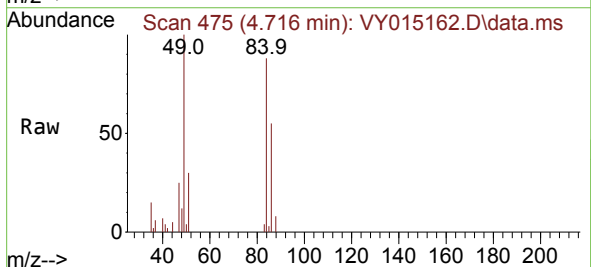
Instrument :
MSVOA_Y
ClientSampleId :

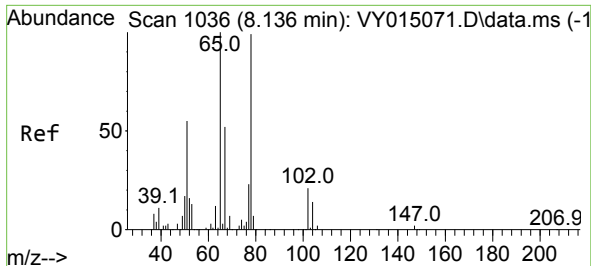
Tgt Ion: 43 Resp: 786
Ion Ratio Lower Upper
43 100
58 29.6 22.7 34.1



#20
Methylene Chloride
Concen: 7.808 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY015162.D
Acq: 17 Aug 2023 11:21

Tgt Ion: 84 Resp: 13640
Ion Ratio Lower Upper
84 100
49 113.2 106.9 160.3
51 34.2 33.2 49.8
86 62.7 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 55.859 ug/l

RT: 8.136 min Scan# 110

Delta R.T. 0.000 min

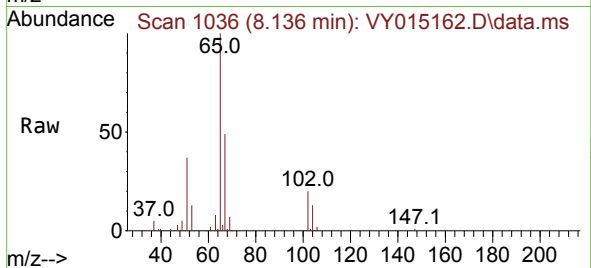
Lab File: VY015162.D

Acq: 17 Aug 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

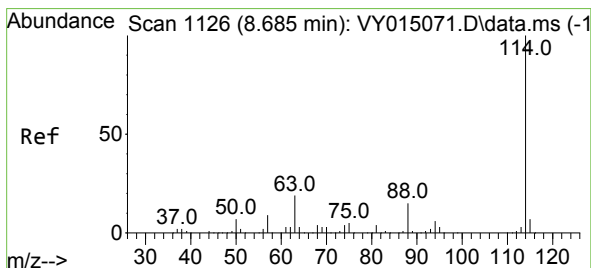
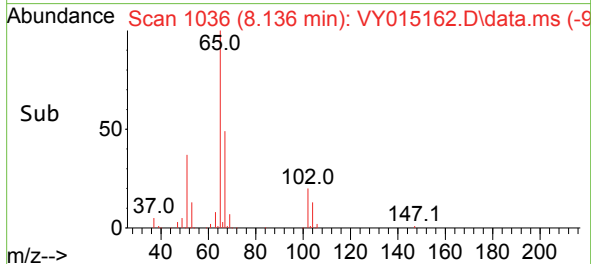
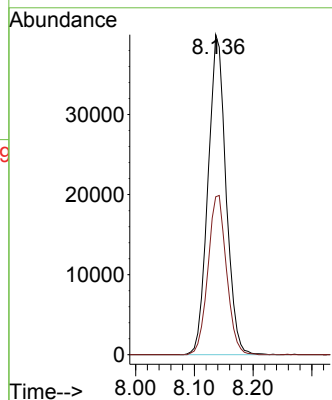


Tgt Ion: 65 Resp: 84928

Ion Ratio Lower Upper

65 100

67 51.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015162.D

Acq: 17 Aug 2023 11:21

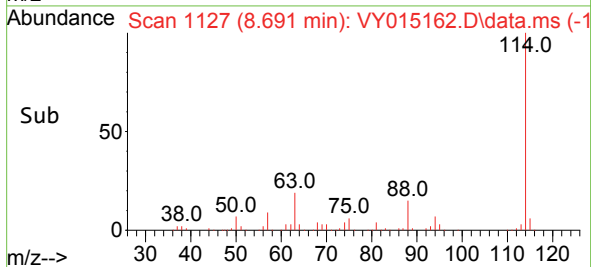
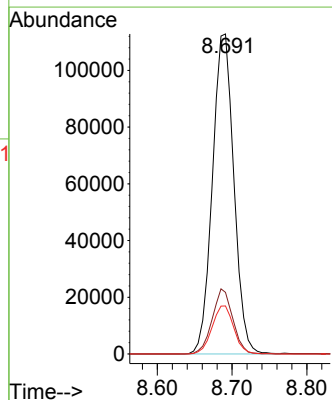
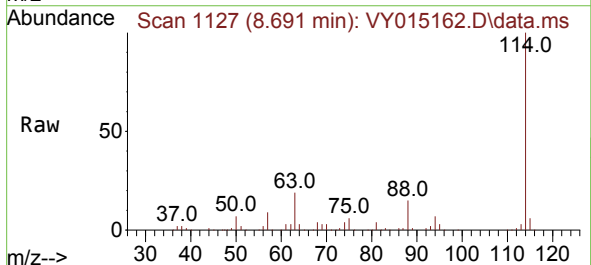
Tgt Ion: 114 Resp: 225591

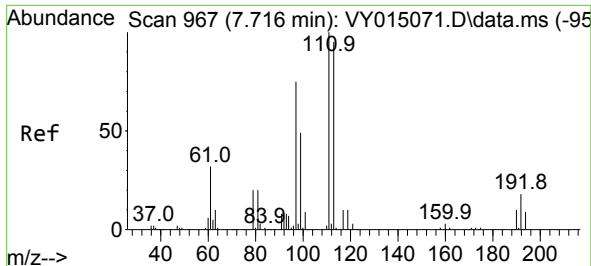
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 15.0 0.0 30.6

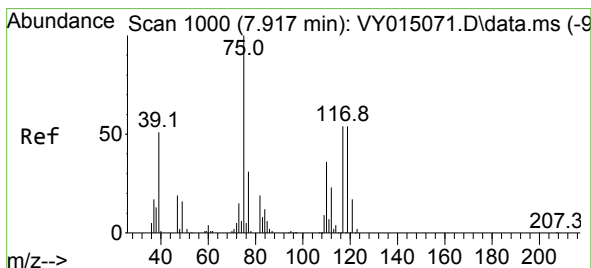
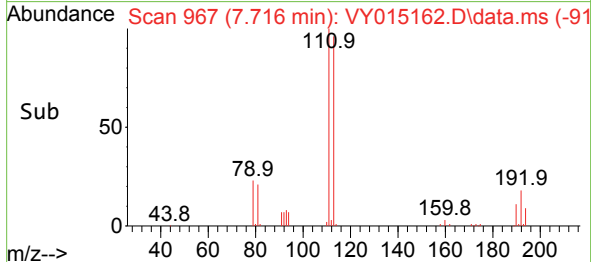
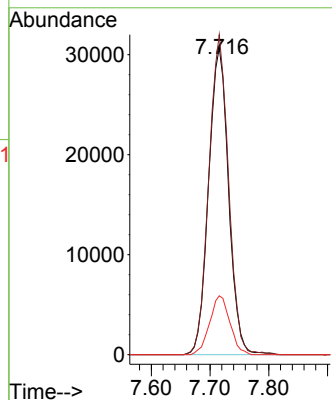
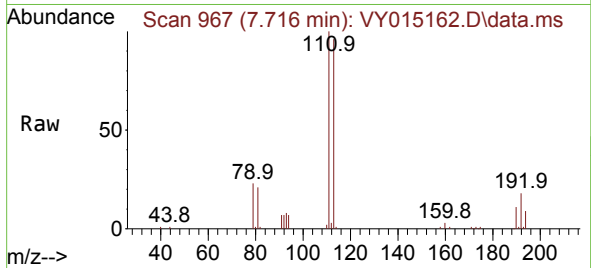




#35
Dibromofluoromethane
Concen: 49.811 ug/l
RT: 7.716 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY015162.D
Acq: 17 Aug 2023 11:21

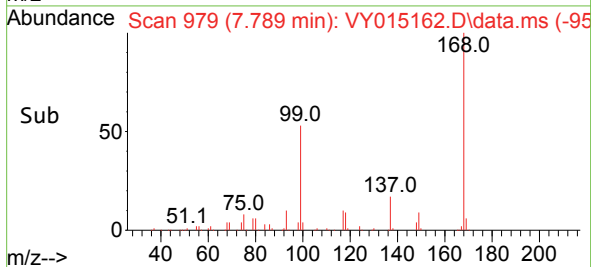
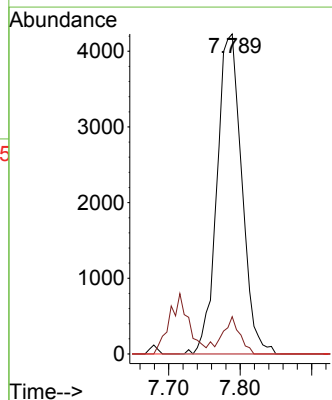
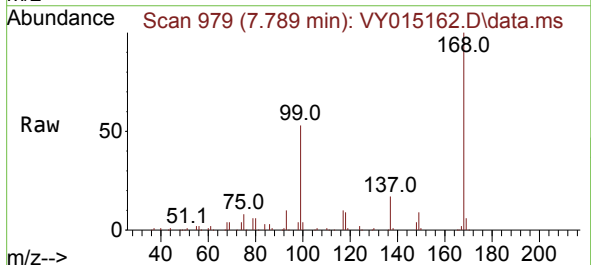
Instrument :
MSVOA_Y
ClientSampleId :

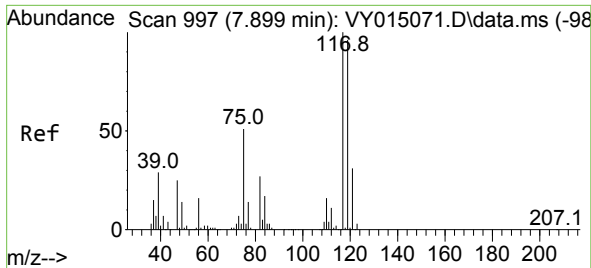
Tgt Ion:113 Resp: 72291
Ion Ratio Lower Upper
113 100
111 103.5 81.3 121.9
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 6.328 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY015162.D
Acq: 17 Aug 2023 11:21

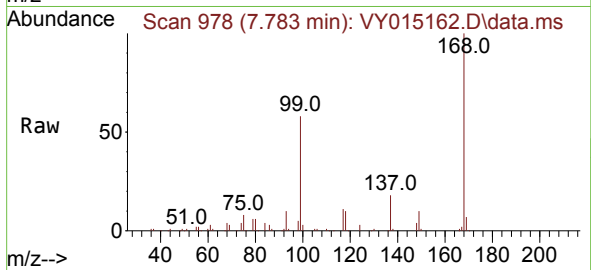
Tgt Ion: 75 Resp: 10161
Ion Ratio Lower Upper
75 100
110 8.5 17.8 53.5#
77 0.0 24.4 36.6#



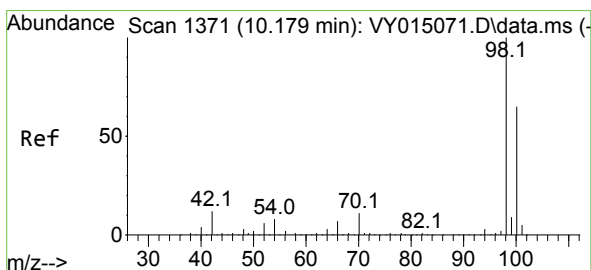
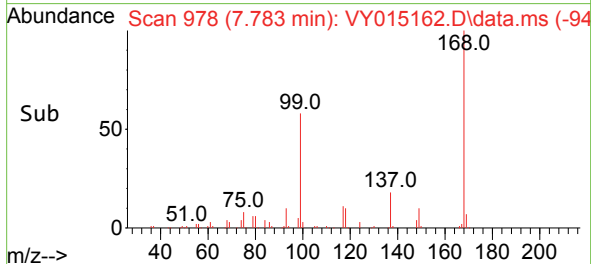
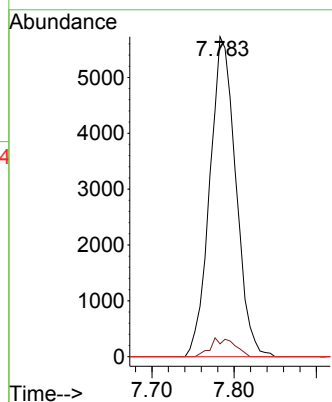


#38
Carbon Tetrachloride
Concen: 6.630 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY015162.D
Acq: 17 Aug 2023 11:21

Instrument :
MSVOA_Y
ClientSampleId :

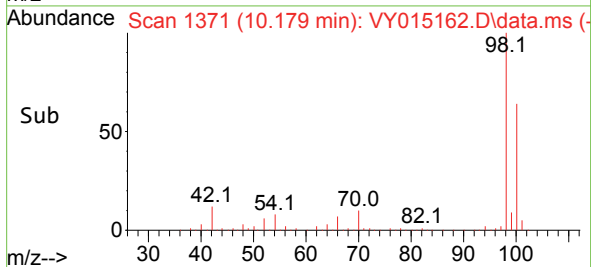
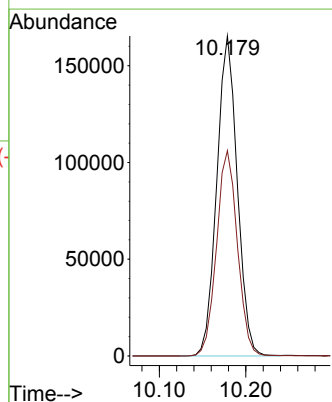
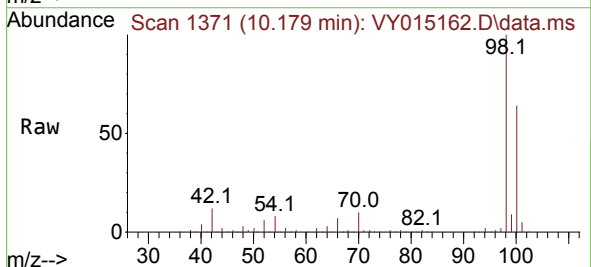


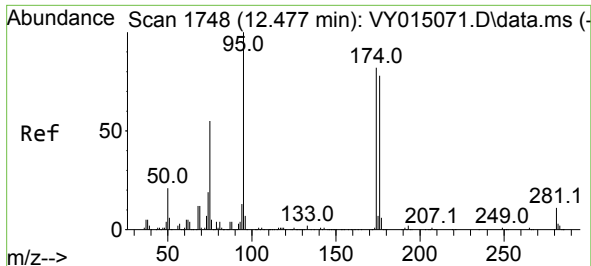
Tgt Ion:117 Resp: 12599
Ion Ratio Lower Upper
117 100
119 4.0 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.292 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015162.D
Acq: 17 Aug 2023 11:21

Tgt Ion: 98 Resp: 271708
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1

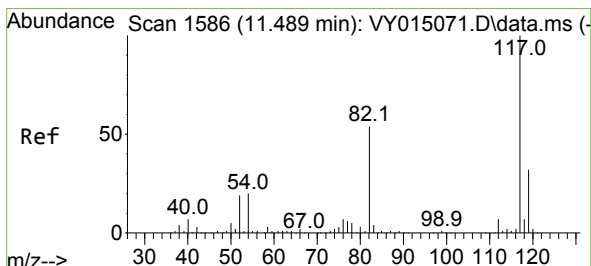
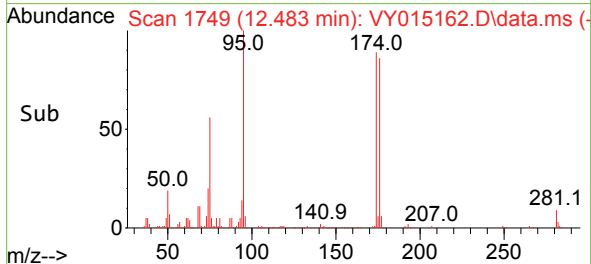
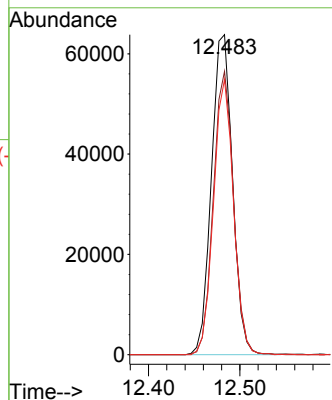
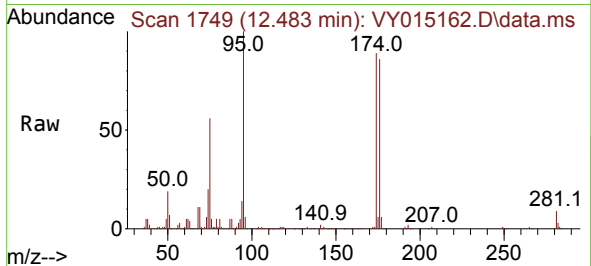




#62
4-Bromofluorobenzene
Concen: 51.891 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015162.D
Acq: 17 Aug 2023 11:21

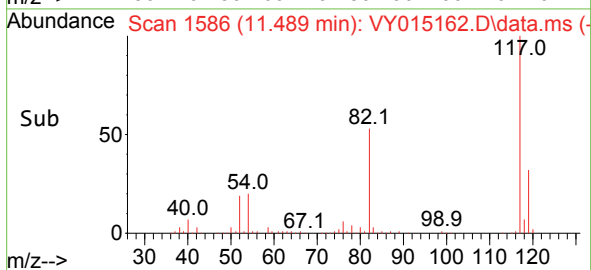
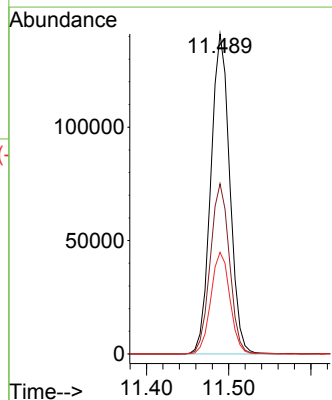
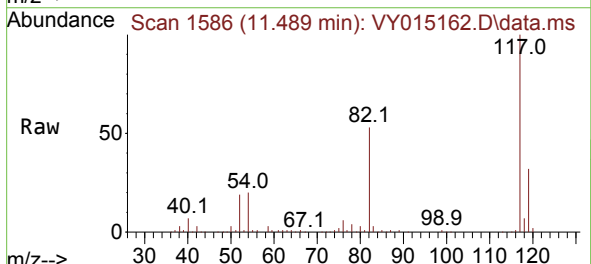
Instrument :
MSVOA_Y
ClientSampleId :

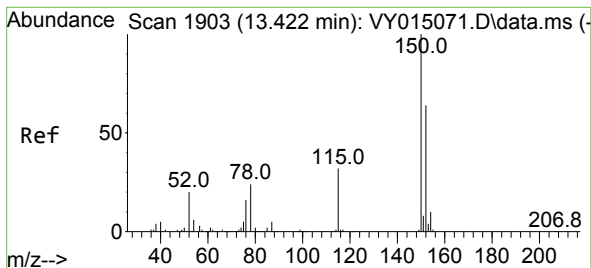
Tgt Ion: 95 Resp: 102395
Ion Ratio Lower Upper
95 100
174 84.9 0.0 178.2
176 81.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015162.D
Acq: 17 Aug 2023 11:21

Tgt Ion: 117 Resp: 225858
Ion Ratio Lower Upper
117 100
82 53.2 43.4 65.0
119 31.7 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: VY015162.D

Acq: 17 Aug 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

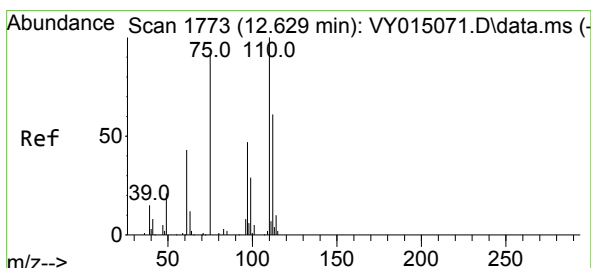
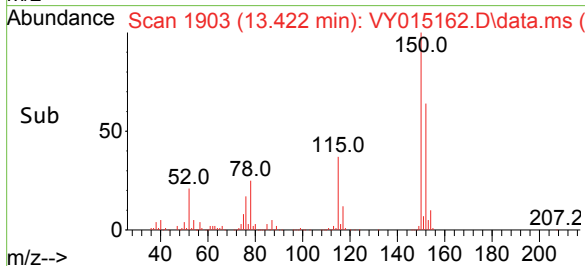
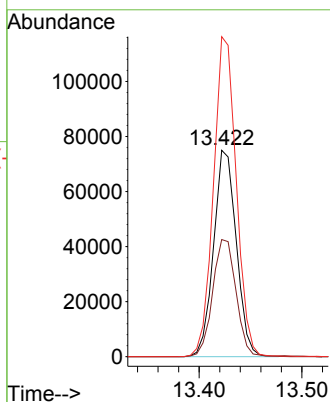
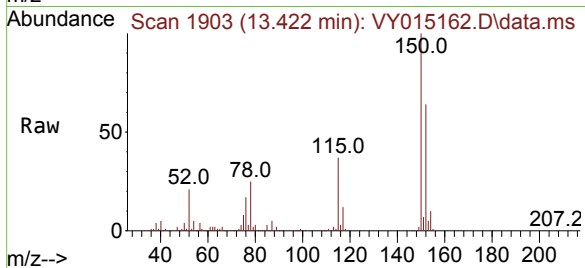
Tgt Ion:152 Resp: 114977

Ion Ratio Lower Upper

152 100

115 58.4 28.8 86.5

150 155.5 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 40.484 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY015162.D

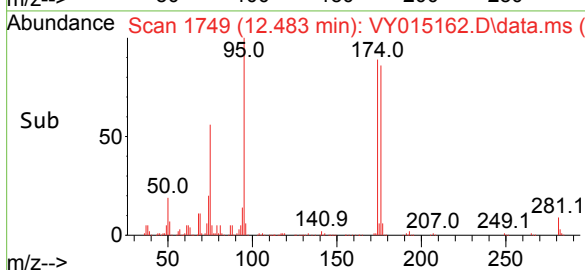
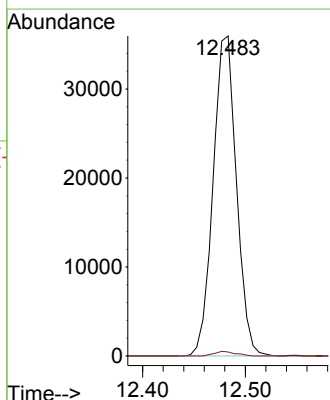
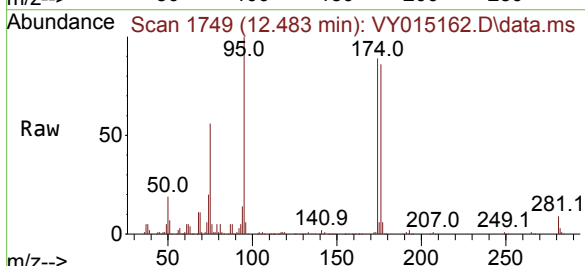
Acq: 17 Aug 2023 11:21

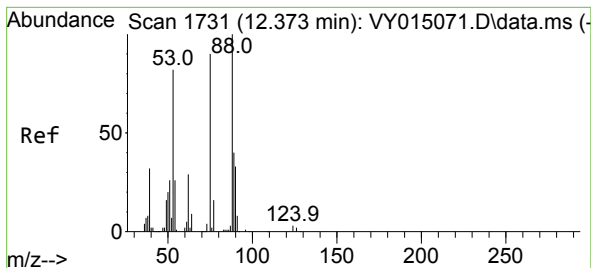
Tgt Ion: 75 Resp: 56552

Ion Ratio Lower Upper

75 100

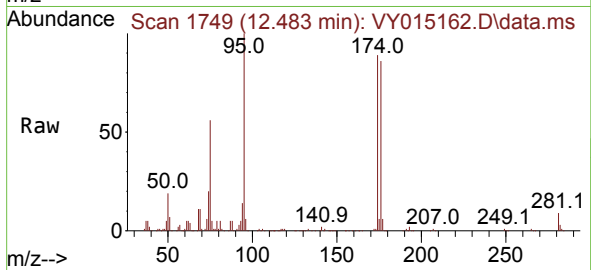
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.923 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY015162.D
 Acq: 17 Aug 2023 11:21

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 56552
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.3 37.4 56.0#

