

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050123\
 Data File : VY013537.D
 Acq On : 01 May 2023 14:15
 Operator : KP/MD
 Sample : 02555-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OE-1-042823

Quant Time: May 01 22:48:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

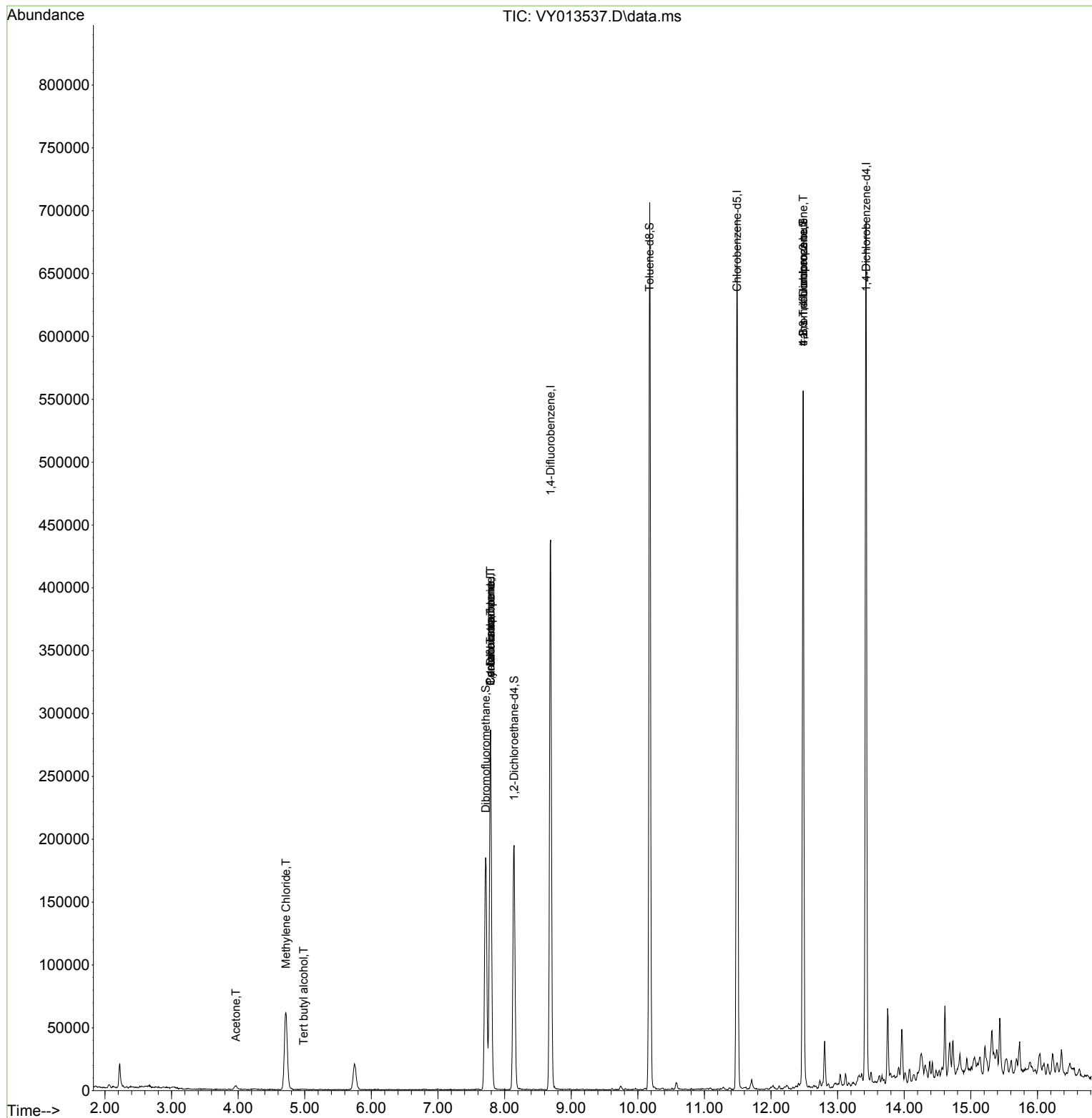
Internal Standards						
1) Pentafluorobenzene	7.789	168	220567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	372206	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	365637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	177096	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	158061	65.371	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 130.740%	
35) Dibromofluoromethane	7.716	113	130096	55.573	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 111.140%	
50) Toluene-d8	10.179	98	453029	54.399	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134		Recovery	= 108.800%	
62) 4-Bromofluorobenzene	12.483	95	150776	53.704	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143		Recovery	= 107.400%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.985	59	161	1.240	ug/l #	89
13) Acrolein	3.735	56	142	Below Cal	#	64
16) Acetone	3.967	43	6072	6.377	ug/l	95
20) Methylene Chloride	4.716	84	45896	8.705	ug/l	90
31) Cyclohexane	7.789	56	4777	1.103	ug/l #	6
36) 1,1-Dichloropropene	7.789	75	16077	4.138	ug/l #	49
38) Carbon Tetrachloride	7.789	117	20508	5.036	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	81398	34.081	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	81398	69.715	ug/l #	13

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

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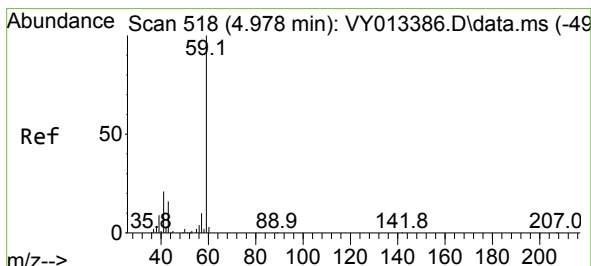
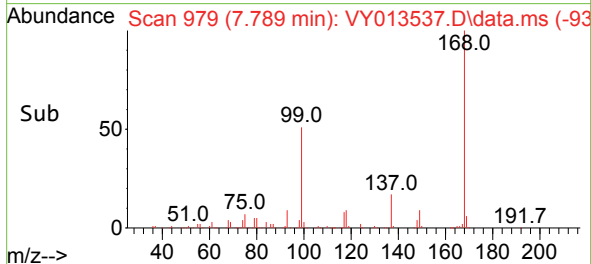
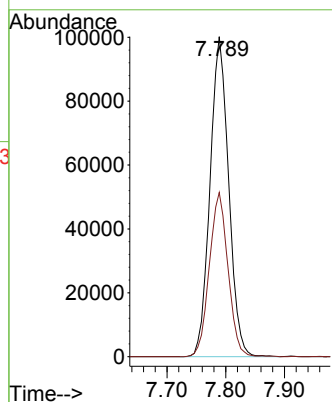
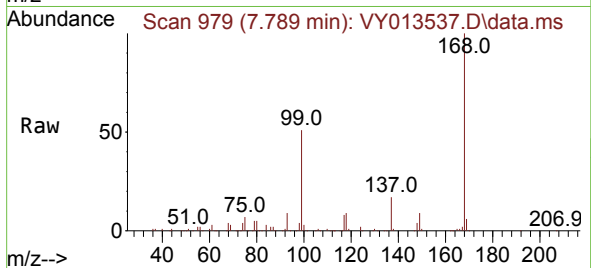




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013537.D
Acq: 01 May 2023 14:15

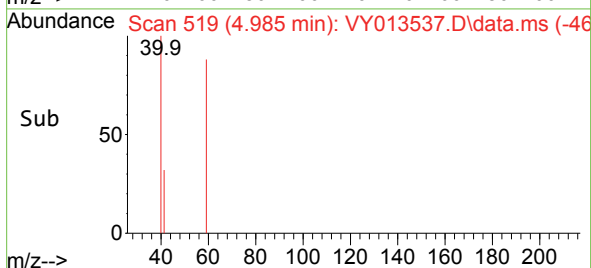
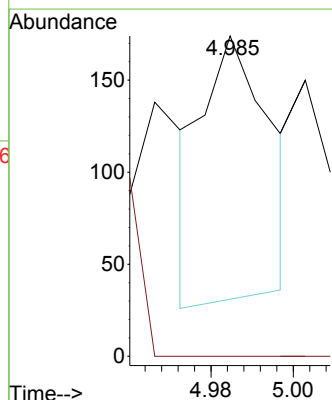
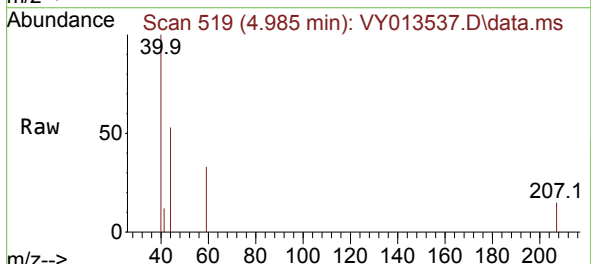
Instrument :
MSVOA_Y
ClientSampleId :
OE-1-042823

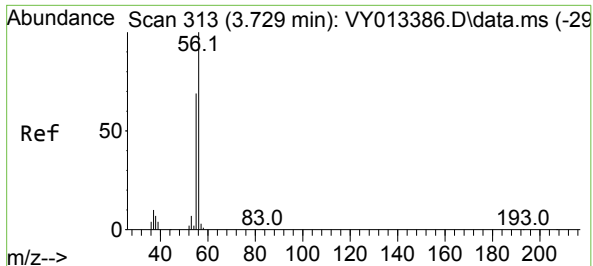
Tgt Ion:168 Resp: 220567
Ion Ratio Lower Upper
168 100
99 51.3 41.8 62.6



#11
Tert butyl alcohol
Concen: 1.240 ug/l
RT: 4.985 min Scan# 519
Delta R.T. 0.007 min
Lab File: VY013537.D
Acq: 01 May 2023 14:15

Tgt Ion: 59 Resp: 161
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

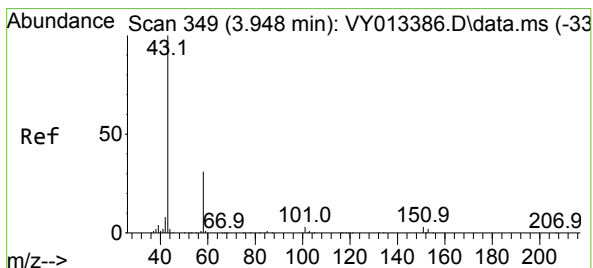
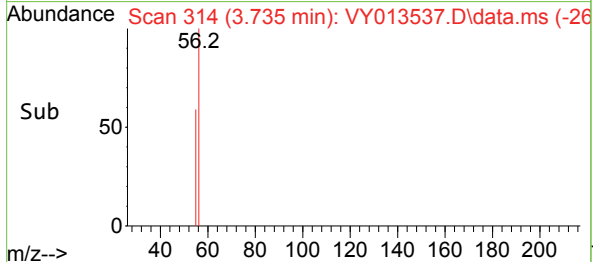
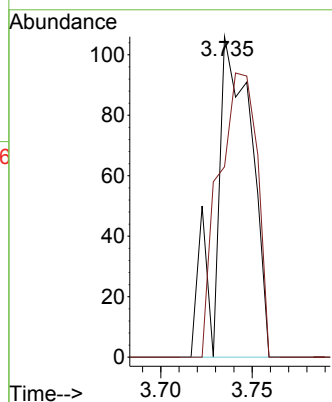
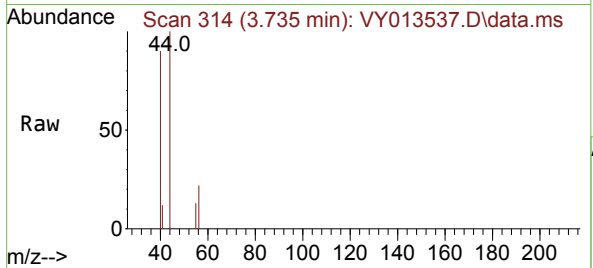




#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY013537.D
Acq: 01 May 2023 14:15

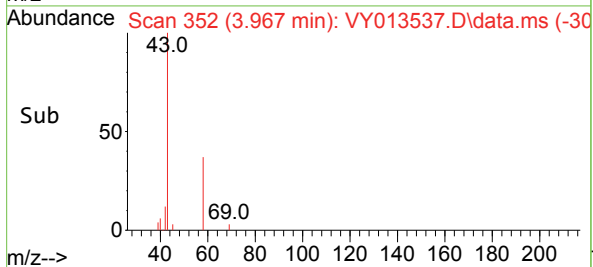
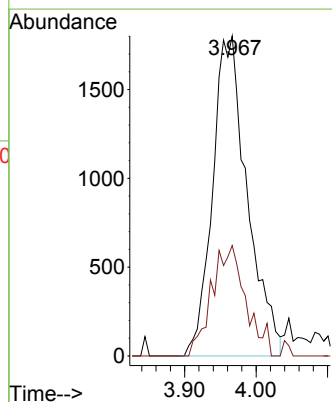
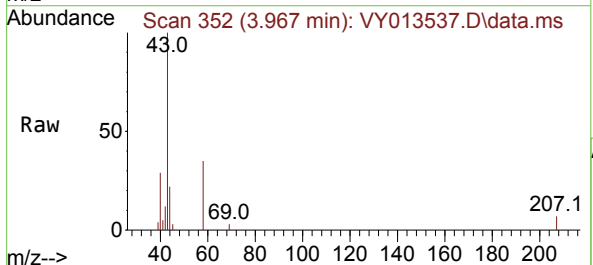
Instrument :
MSVOA_Y
ClientSampleId :
OE-1-042823

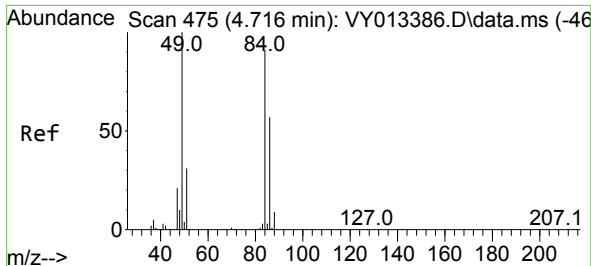
Tgt Ion: 56 Resp: 142
Ion Ratio Lower Upper
56 100
55 96.5 54.1 81.1#



#16
Acetone
Concen: 6.377 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.019 min
Lab File: VY013537.D
Acq: 01 May 2023 14:15

Tgt Ion: 43 Resp: 6072
Ion Ratio Lower Upper
43 100
58 34.5 25.4 38.0

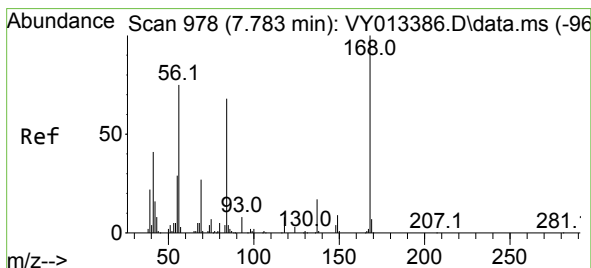
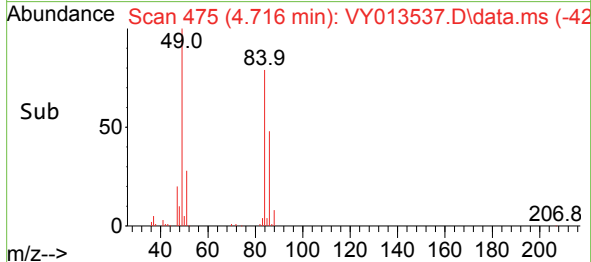
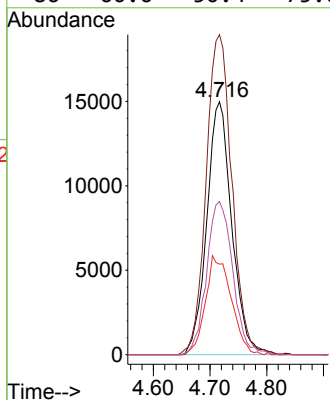
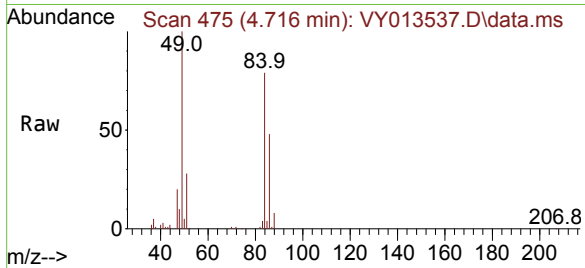




#20
Methylene Chloride
Concen: 8.705 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013537.D
Acq: 01 May 2023 14:15

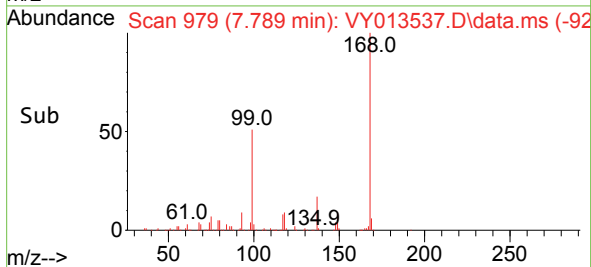
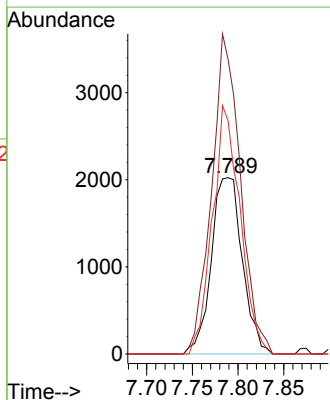
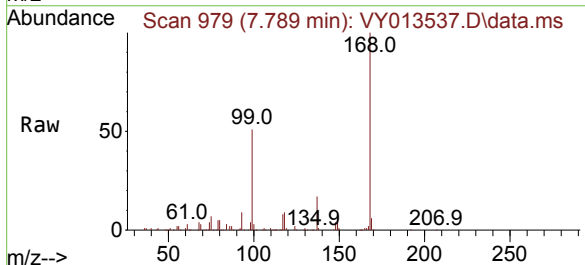
Instrument :
MSVOA_Y
ClientSampleId :
OE-1-042823

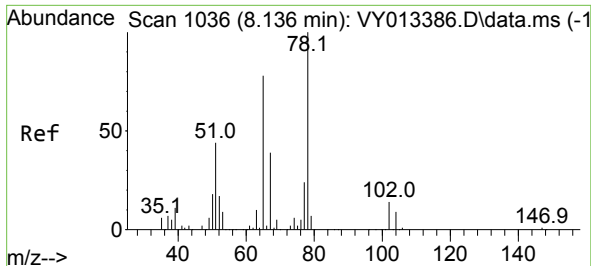
Tgt Ion:	84	Resp:	45896
Ion	Ratio	Lower	Upper
84	100		
49	126.5	88.0	132.0
51	35.8	27.4	41.0
86	60.6	50.4	75.6



#31
Cyclohexane
Concen: 1.103 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY013537.D
Acq: 01 May 2023 14:15

Tgt Ion:	56	Resp:	4777
Ion	Ratio	Lower	Upper
56	100		
69	167.0	29.2	43.8#
84	132.2	73.0	109.6#

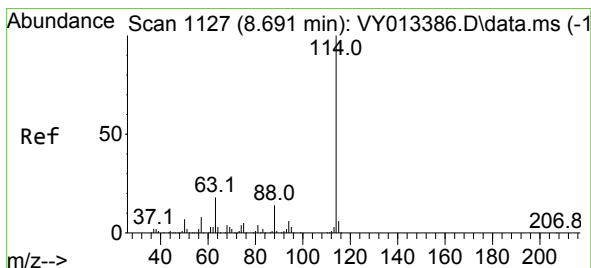
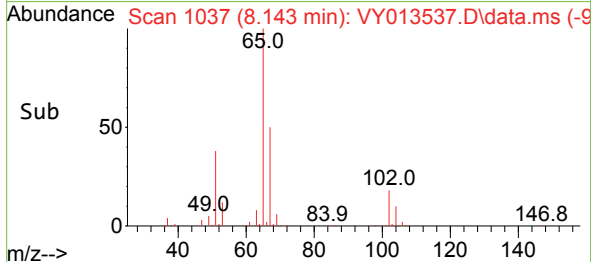
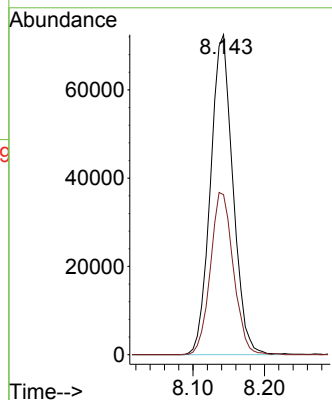
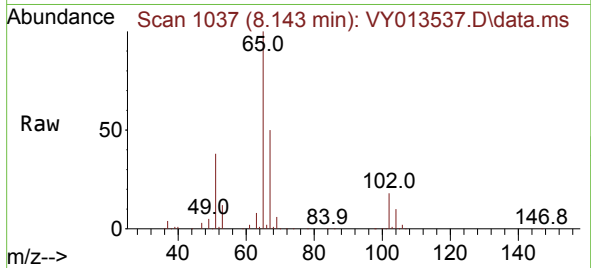




#33
1,2-Dichloroethane-d4
Concen: 65.371 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013537.D
Acq: 01 May 2023 14:15

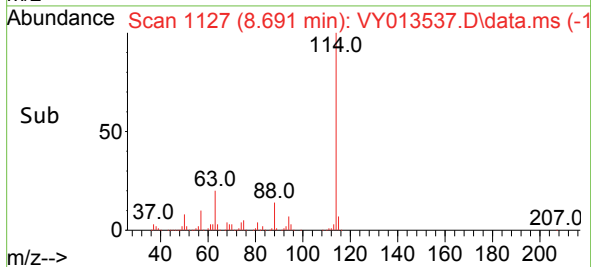
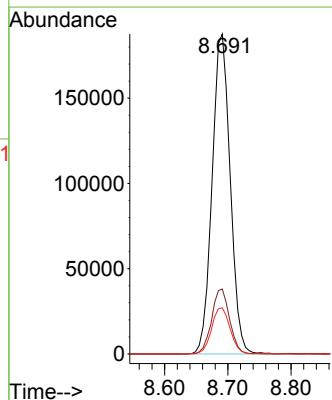
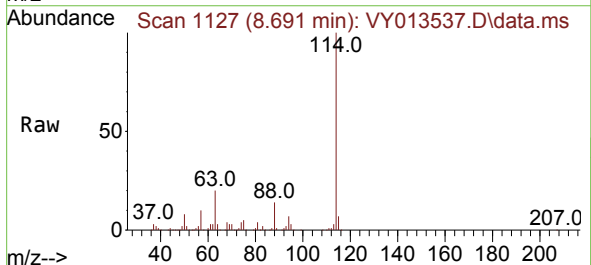
Instrument :
MSVOA_Y
ClientSampleId :
OE-1-042823

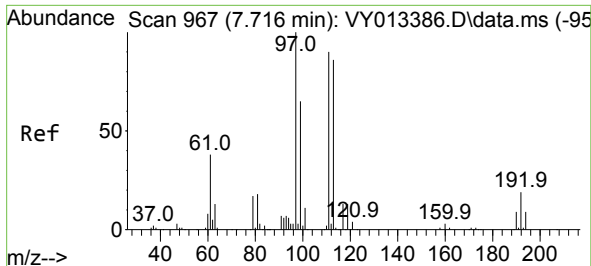
Tgt Ion: 65 Resp: 158061
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013537.D
Acq: 01 May 2023 14:15

Tgt Ion: 114 Resp: 372206
Ion Ratio Lower Upper
114 100
63 20.3 0.0 36.6
88 14.5 0.0 28.8

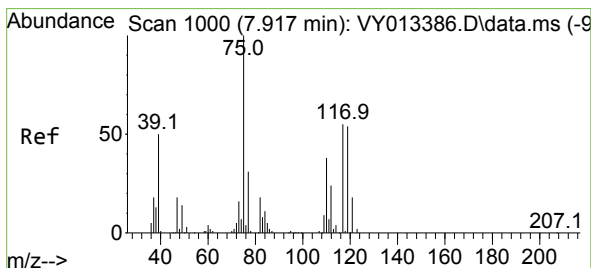
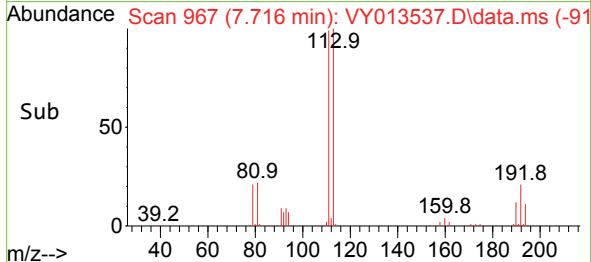
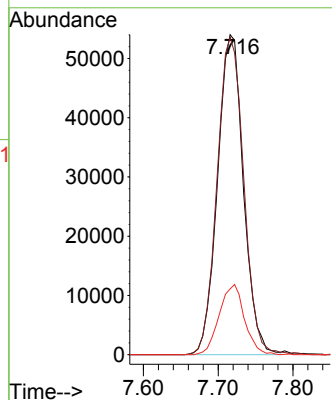
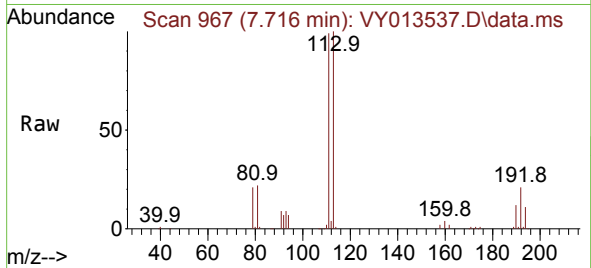




#35
Dibromofluoromethane
Concen: 55.573 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY013537.D
Acq: 01 May 2023 14:15

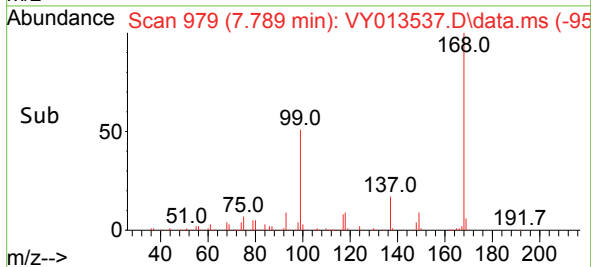
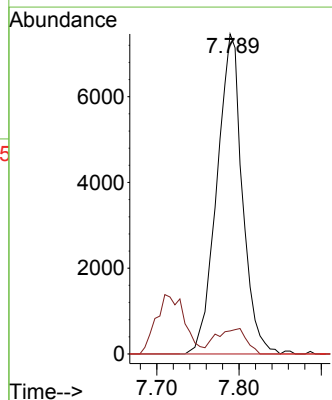
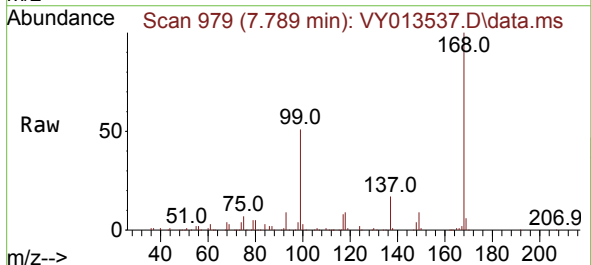
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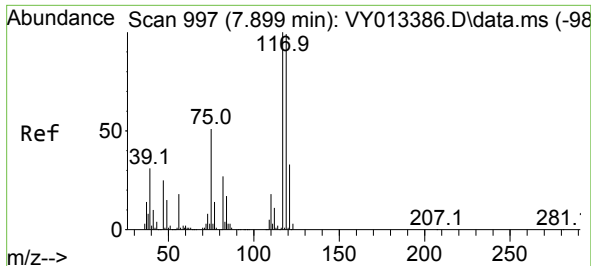
Tgt Ion:113 Resp: 130096
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.2
192 21.4 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.138 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY013537.D
Acq: 01 May 2023 14:15

Tgt Ion: 75 Resp: 16077
Ion Ratio Lower Upper
75 100
110 9.3 18.7 56.1#
77 0.0 24.6 37.0#

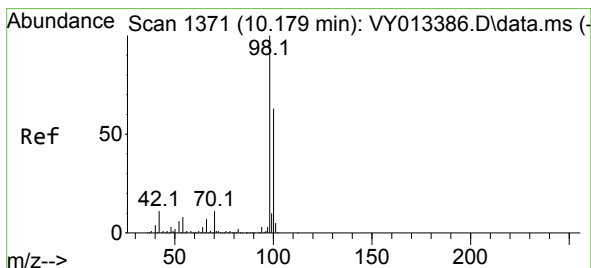
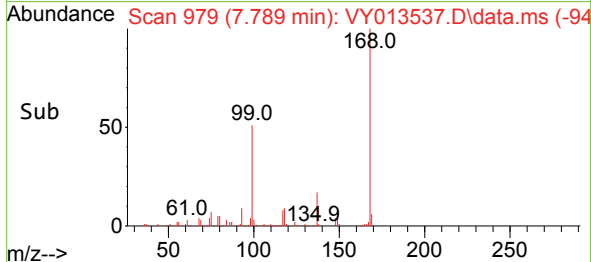
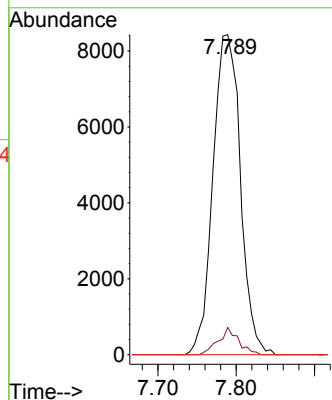
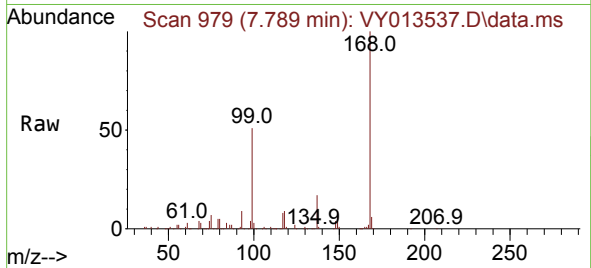




#38
Carbon Tetrachloride
Concen: 5.036 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013537.D
Acq: 01 May 2023 14:15

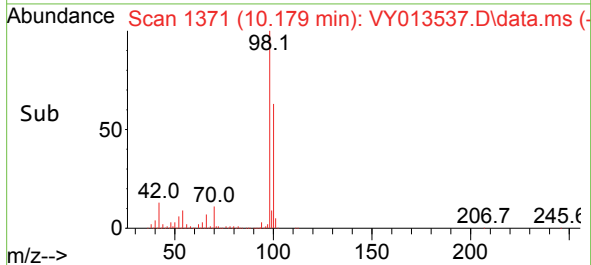
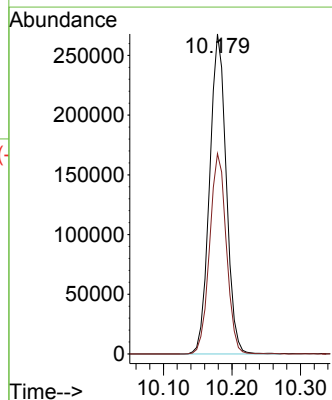
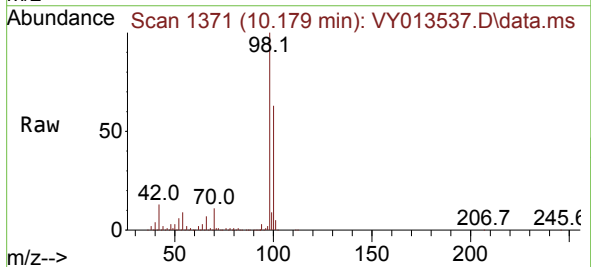
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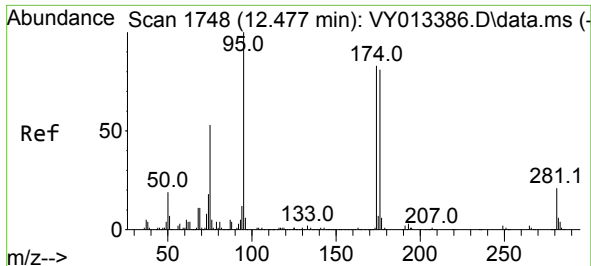
Tgt Ion:117 Resp: 20508
Ion Ratio Lower Upper
117 100
119 8.5 79.0 118.6#
121 0.0 26.6 40.0#



#50
Toluene-d8
Concen: 54.399 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013537.D
Acq: 01 May 2023 14:15

Tgt Ion: 98 Resp: 453029
Ion Ratio Lower Upper
98 100
100 62.8 50.5 75.7

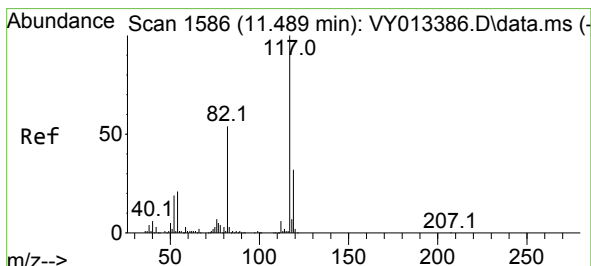
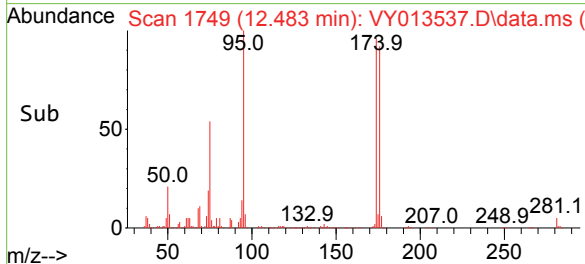
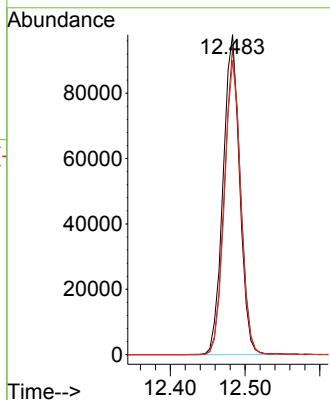
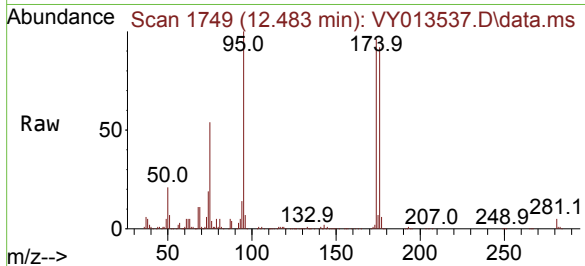




#62
4-Bromofluorobenzene
Concen: 53.704 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013537.D
Acq: 01 May 2023 14:15

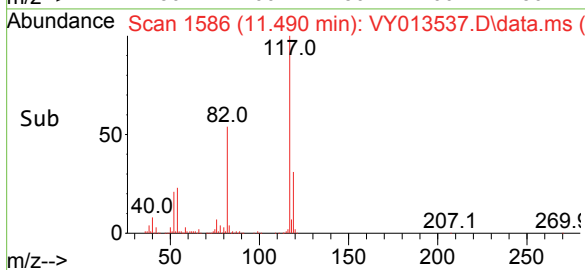
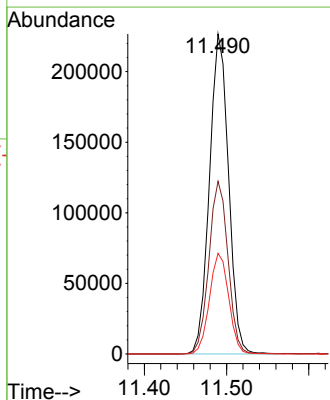
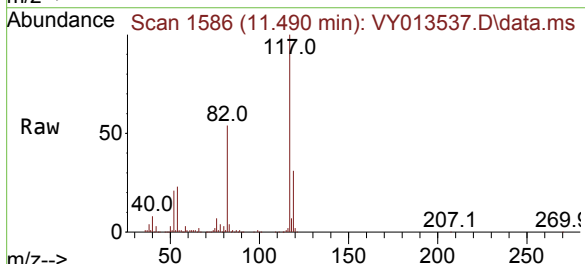
Instrument :
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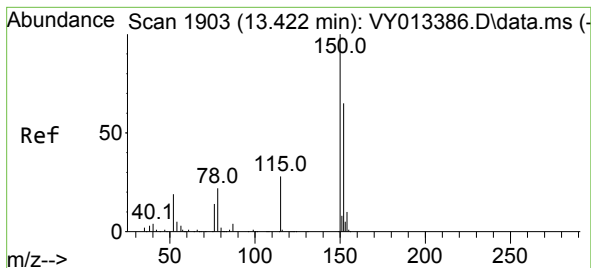
Tgt Ion: 95 Resp: 150776
Ion Ratio Lower Upper
95 100
174 93.6 0.0 182.0
176 90.4 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY013537.D
Acq: 01 May 2023 14:15

Tgt Ion: 117 Resp: 365637
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.6
119 31.4 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY013537.D

Acq: 01 May 2023 14:15

Instrument :

MSVOA_Y

ClientSampleId :

OE-1-042823

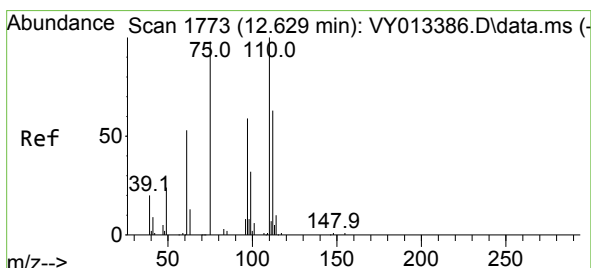
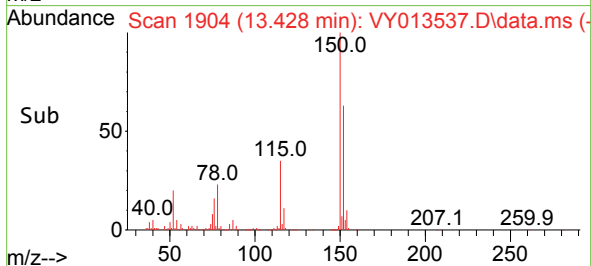
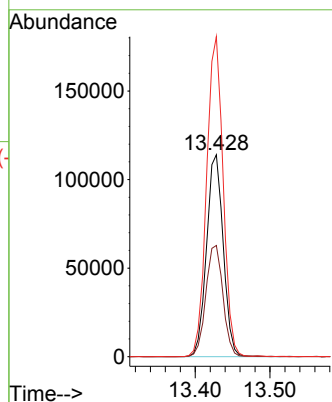
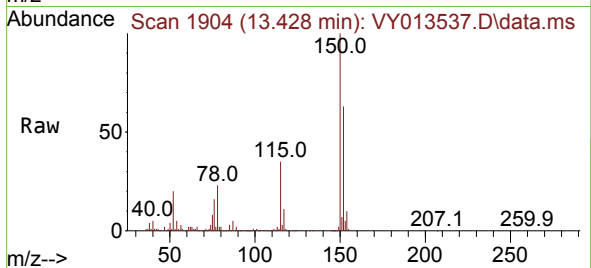
Tgt Ion:152 Resp: 177096

Ion Ratio Lower Upper

152 100

115 56.5 28.1 84.2

150 156.6 0.0 352.0



#76

1,2,3-Trichloropropane

Concen: 34.081 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY013537.D

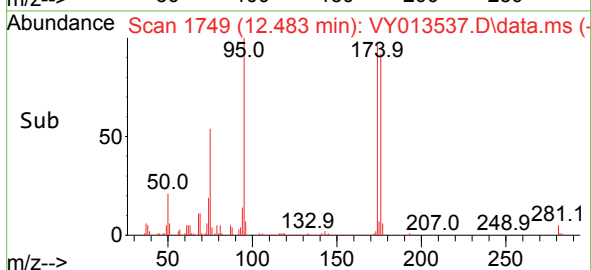
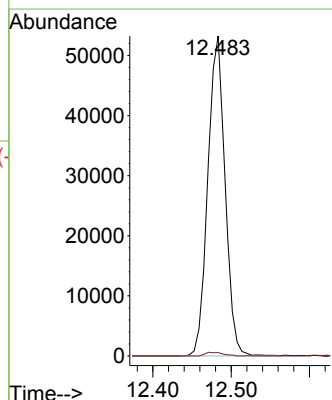
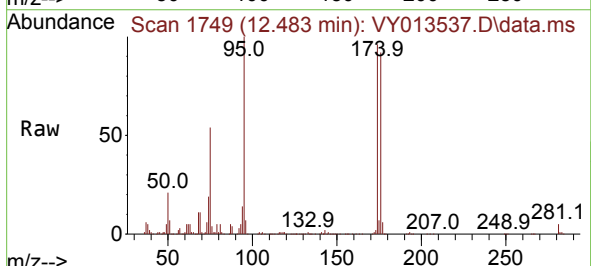
Acq: 01 May 2023 14:15

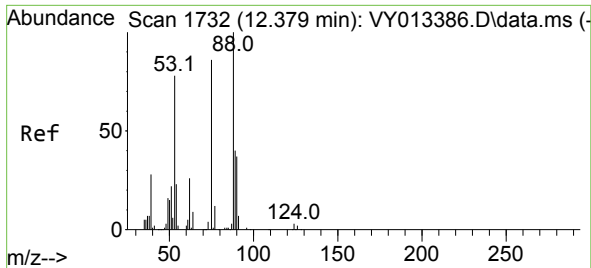
Tgt Ion: 75 Resp: 81398

Ion Ratio Lower Upper

75 100

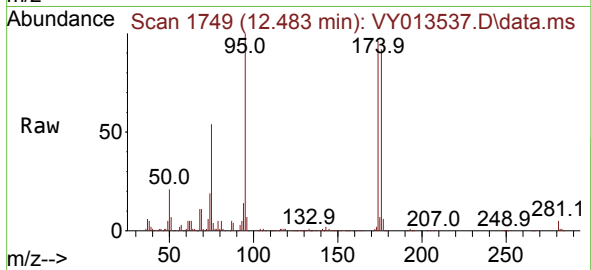
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.715 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY013537.D
 Acq: 01 May 2023 14:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 OE-1-042823



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.3	73.2	109.8#
89	0.0	38.0	57.0#

