

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012422\
 Data File : VY007271.D
 Acq On : 24 Jan 2022 16:11
 Operator : SY/MD
 Sample : N1233-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 25 00:34:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

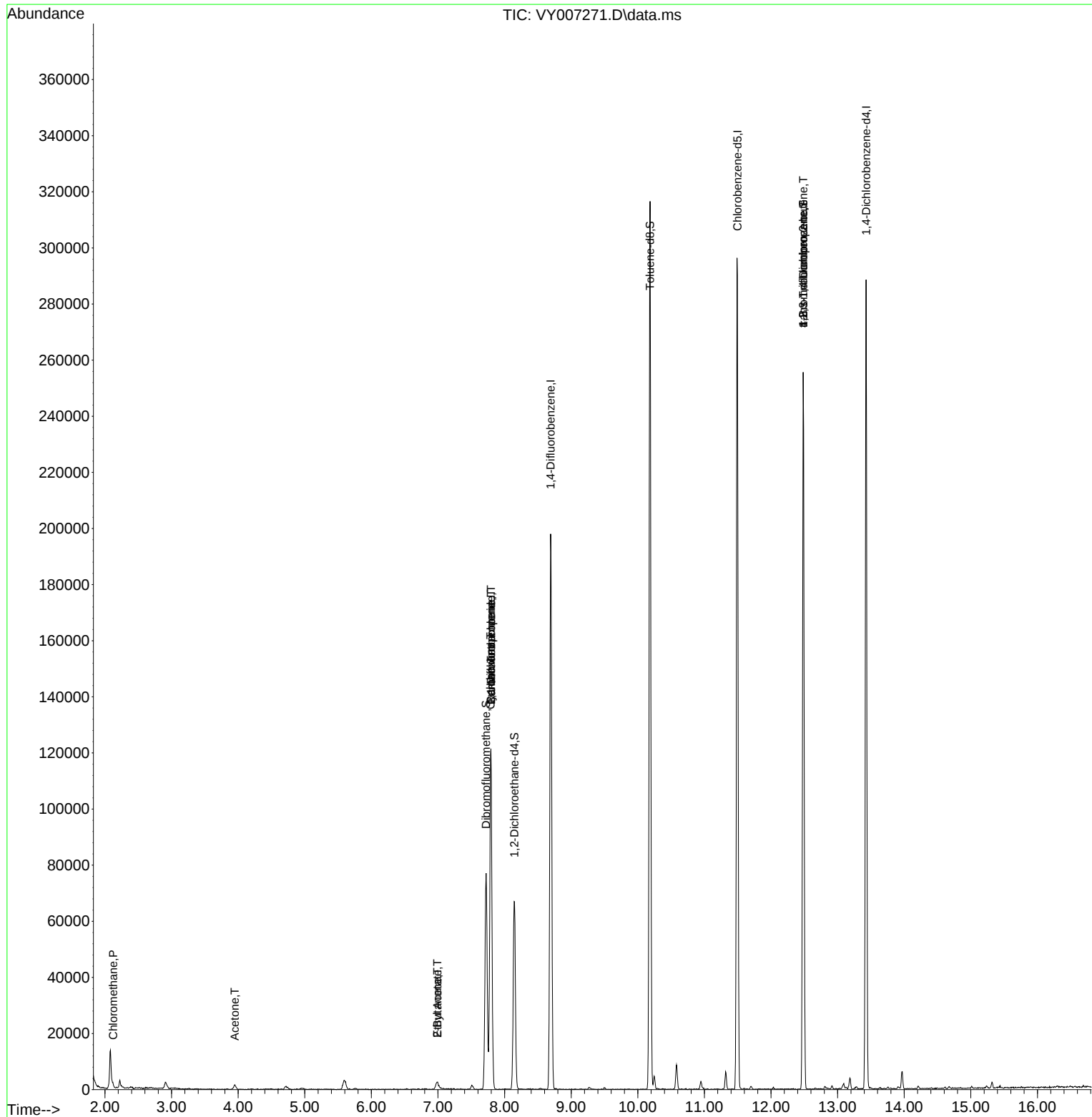
Internal Standards						
1) Pentafluorobenzene	7.795	168	89700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	167075	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	157169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	68117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	54508	49.524	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.040%		
35) Dibromofluoromethane	7.722	113	54977	48.664	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.320%		
50) Toluene-d8	10.185	98	205847	49.866	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.740%		
62) 4-Bromofluorobenzene	12.483	95	71309	48.563	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.120%		
Target Compounds						Qvalue
3) Chloromethane	2.125	50	832	1.261	ug/l	99
16) Acetone	3.948	43	2680	9.382	ug/l	99
25) 2-Butanone	6.990	43	1803	4.882	ug/l #	87
31) Cyclohexane	7.789	56	2052	1.103	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	7796	4.321	ug/l #	50
37) Ethyl Acetate	6.990	43	1803	1.947	ug/l #	67
38) Carbon Tetrachloride	7.795	117	10034	5.287	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	39774	51.208	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	39774	93.748	ug/l #	3

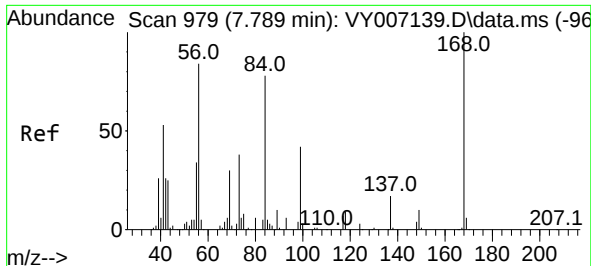
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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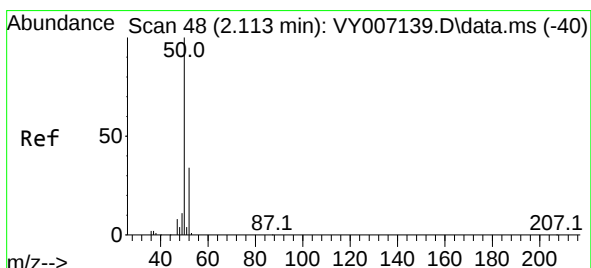
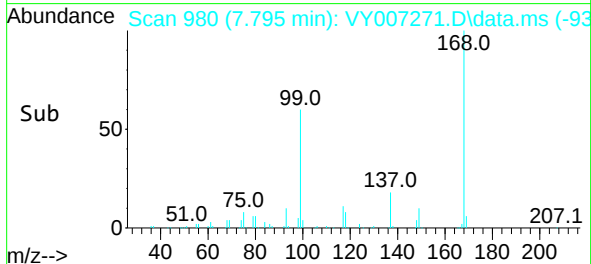
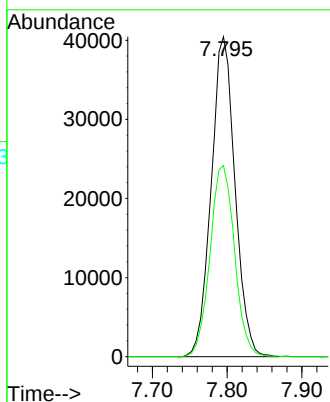
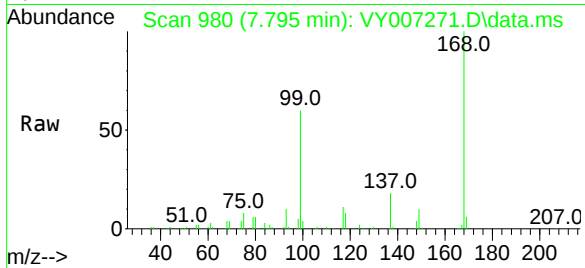




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007271.D
Acq: 24 Jan 2022 16:11

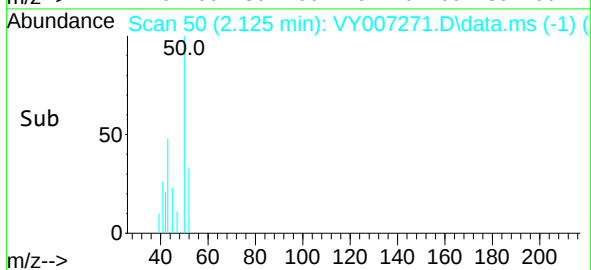
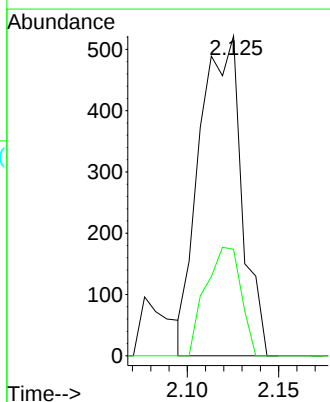
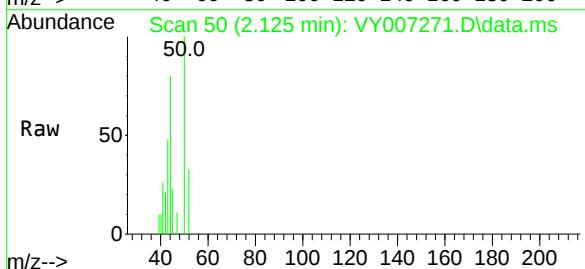
Instrument :
MSVOA_Y
ClientSampleId :

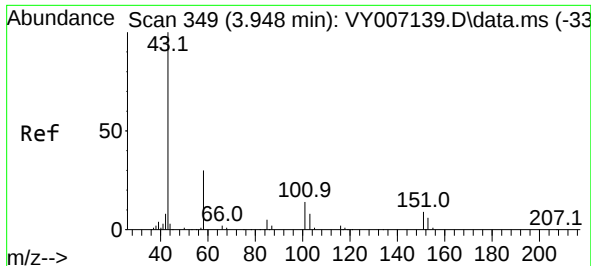
Tgt Ion:168 Resp: 89700
Ion Ratio Lower Upper
168 100
99 59.8 49.1 73.7



#3
Chloromethane
Concen: 1.261 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.013 min
Lab File: VY007271.D
Acq: 24 Jan 2022 16:11

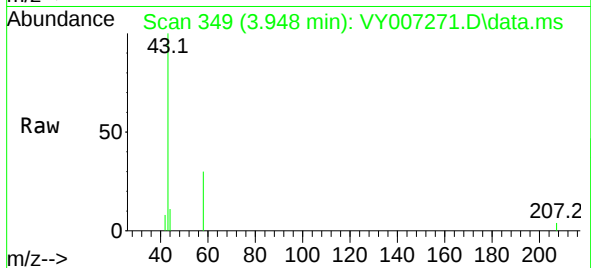
Tgt Ion: 50 Resp: 832
Ion Ratio Lower Upper
50 100
52 33.3 27.1 40.7



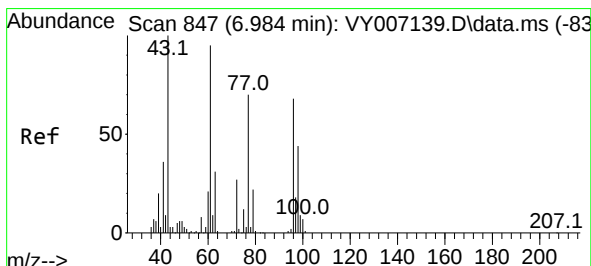
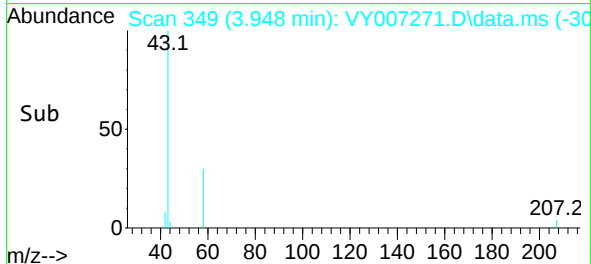
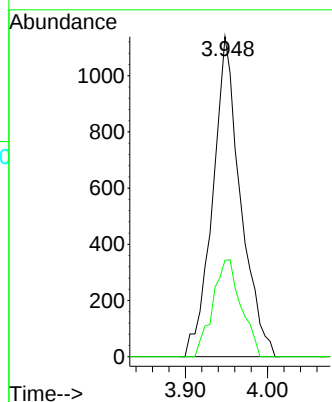


#16
Acetone
Concen: 9.382 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007271.D
Acq: 24 Jan 2022 16:11

Instrument :
MSVOA_Y
ClientSampleId :

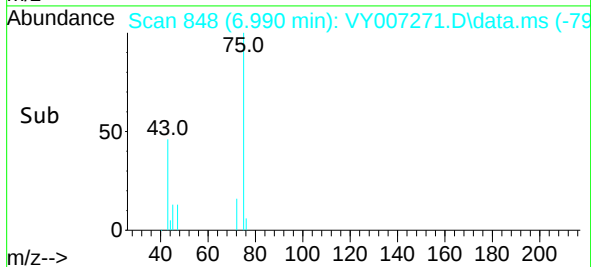
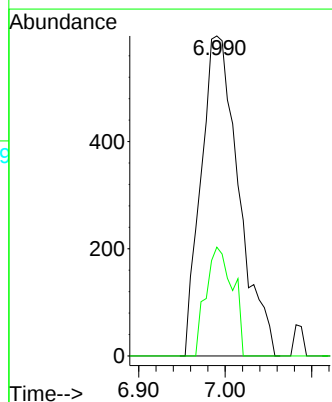
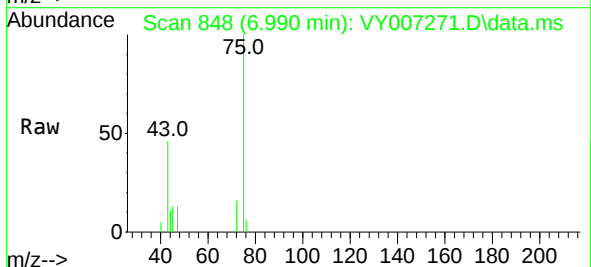


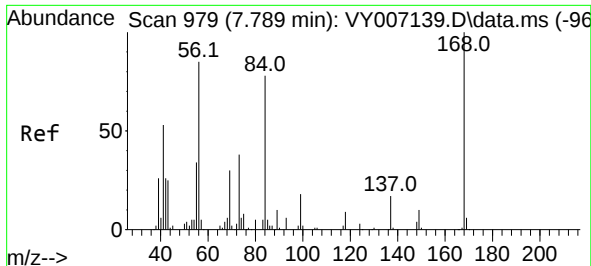
Tgt Ion: 43 Resp: 2680
Ion Ratio Lower Upper
43 100
58 30.1 23.8 35.6



#25
2-Butanone
Concen: 4.882 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.007 min
Lab File: VY007271.D
Acq: 24 Jan 2022 16:11

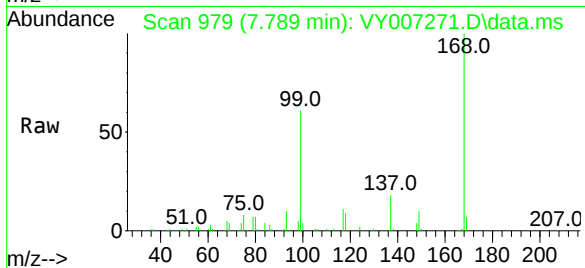
Tgt Ion: 43 Resp: 1803
Ion Ratio Lower Upper
43 100
72 34.0 21.9 32.9#



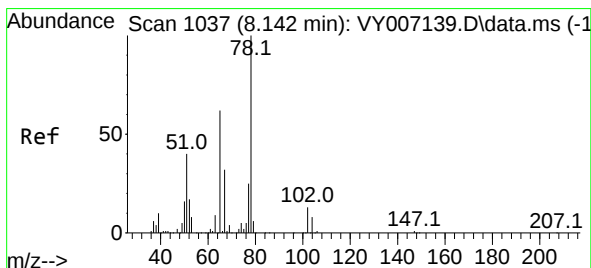
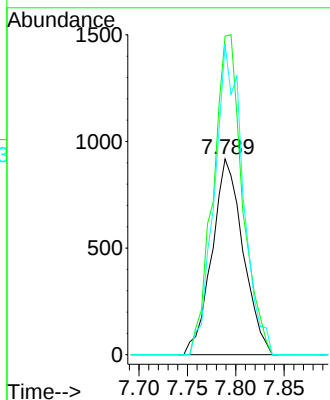
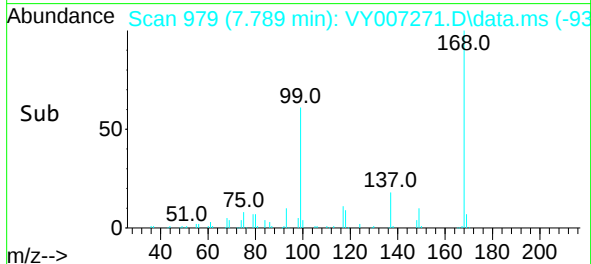


#31
Cyclohexane
Concen: 1.103 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007271.D
Acq: 24 Jan 2022 16:11

Instrument :
MSVOA_Y
ClientSampleId :

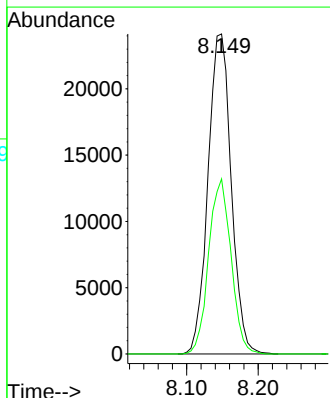
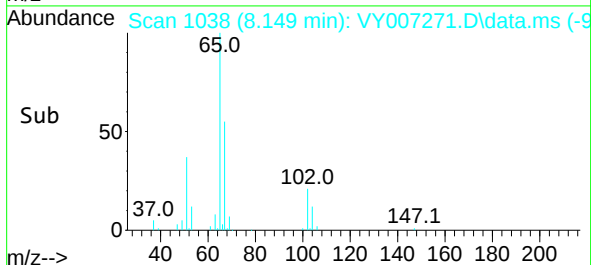
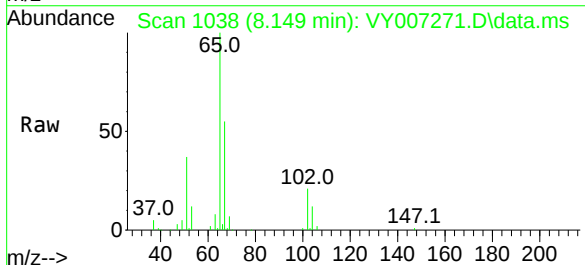


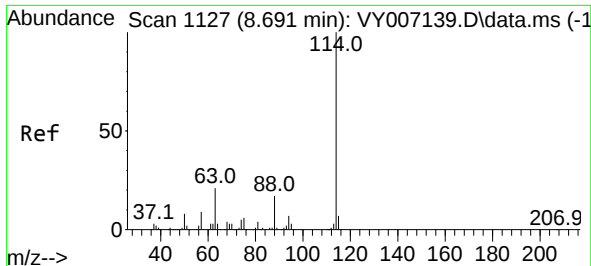
Tgt Ion: 56 Resp: 2052
Ion Ratio Lower Upper
56 100
69 162.7 27.2 40.8#
84 158.7 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 49.524 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VY007271.D
Acq: 24 Jan 2022 16:11

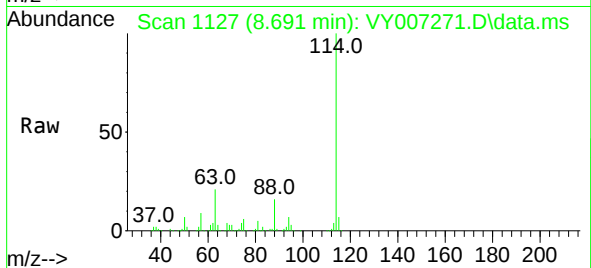
Tgt Ion: 65 Resp: 54508
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.6



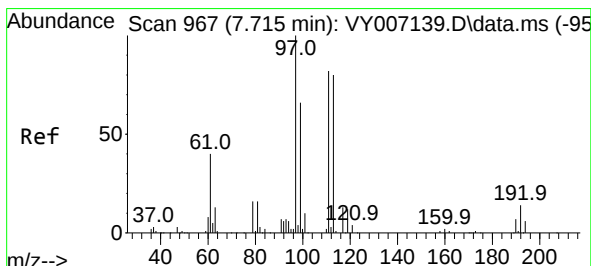
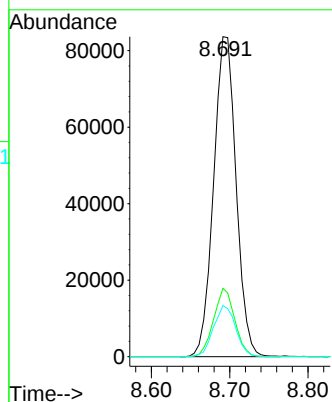
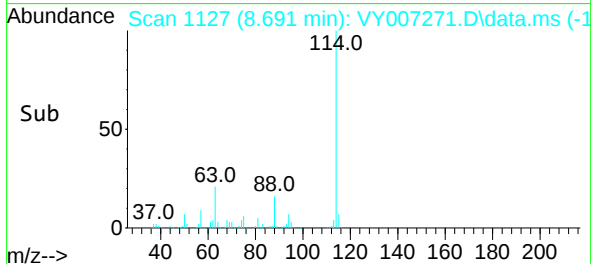


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007271.D
Acq: 24 Jan 2022 16:11

Instrument :
MSVOA_Y
ClientSampleId :

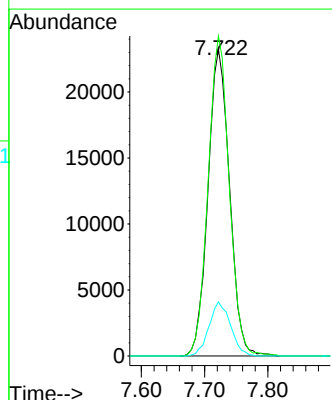
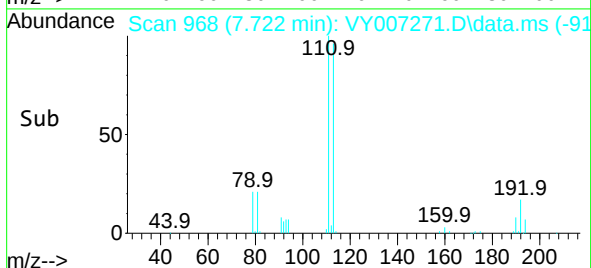
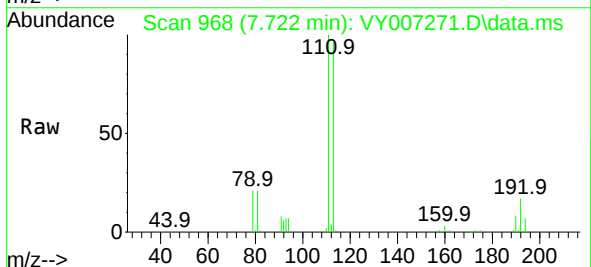


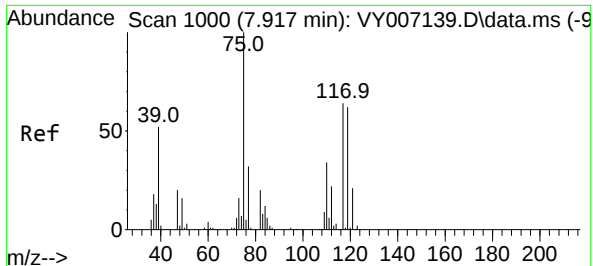
Tgt Ion:114 Resp: 167075
Ion Ratio Lower Upper
114 100
63 21.4 0.0 39.2
88 16.0 0.0 31.0



#35
Dibromofluoromethane
Concen: 48.664 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.007 min
Lab File: VY007271.D
Acq: 24 Jan 2022 16:11

Tgt Ion:113 Resp: 54977
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 17.6 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.321 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.121 min

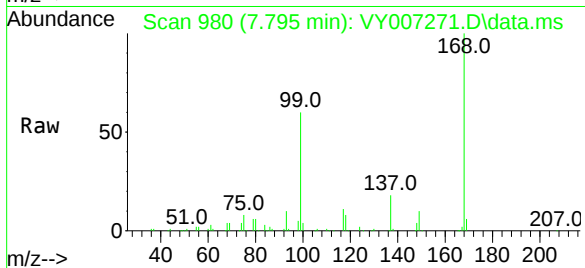
Lab File: VY007271.D

Acq: 24 Jan 2022 16:11

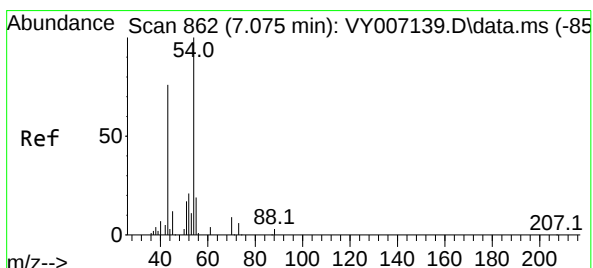
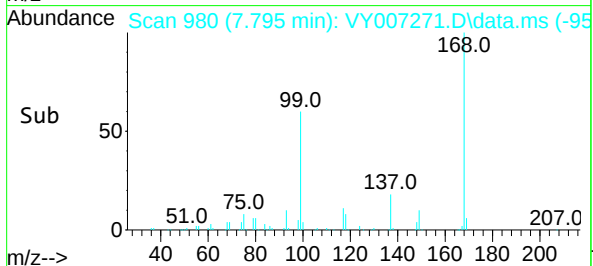
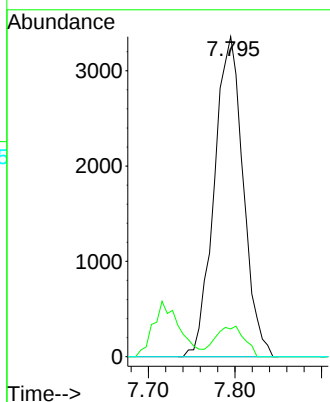
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	75	Resp:	7796
Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.3	51.9#
77	0.0	24.7	37.1#



#37

Ethyl Acetate

Concen: 1.947 ug/l

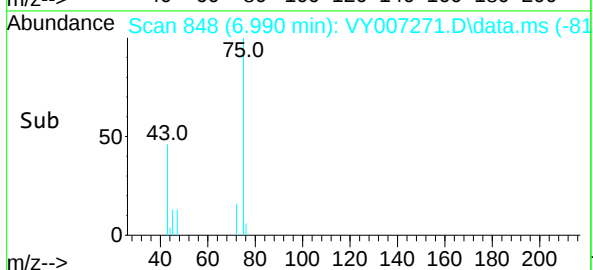
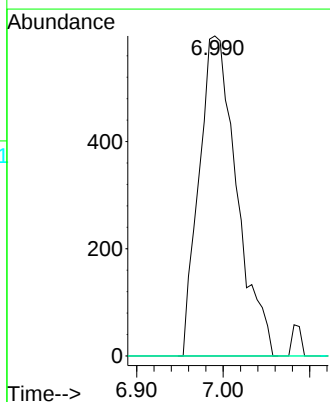
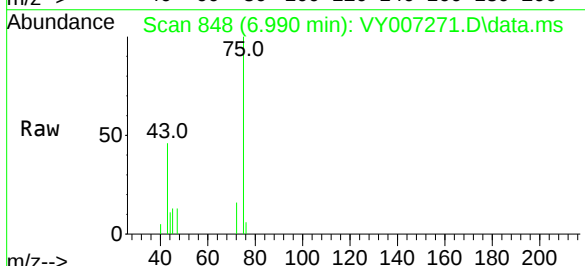
RT: 6.990 min Scan# 848

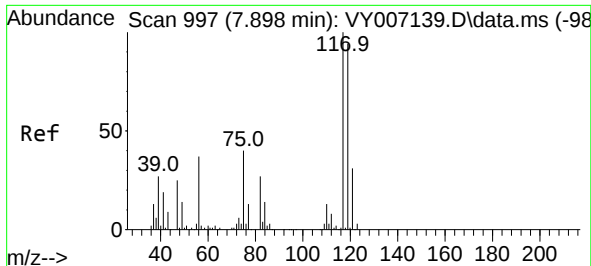
Delta R.T. -0.085 min

Lab File: VY007271.D

Acq: 24 Jan 2022 16:11

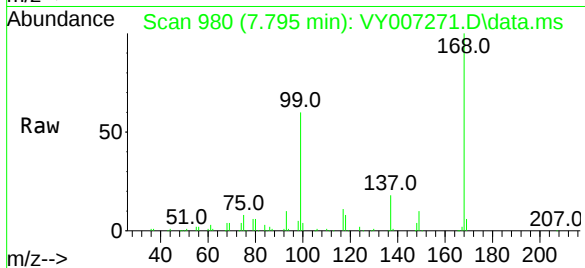
Tgt Ion:	43	Resp:	1803
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.8	17.8#
70	0.0	9.0	13.4#



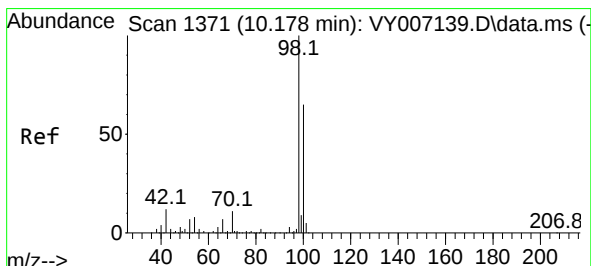
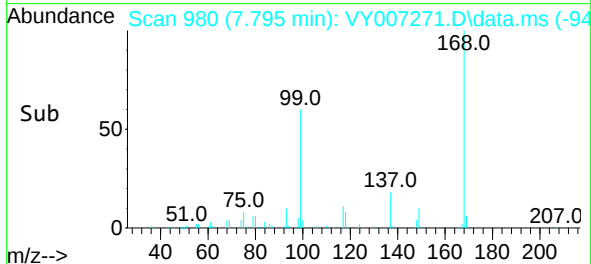
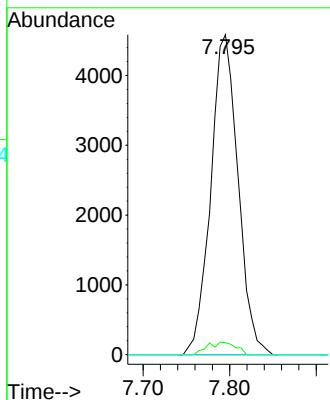


#38
Carbon Tetrachloride
Concen: 5.287 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY007271.D
Acq: 24 Jan 2022 16:11

Instrument :
MSVOA_Y
ClientSampleId :

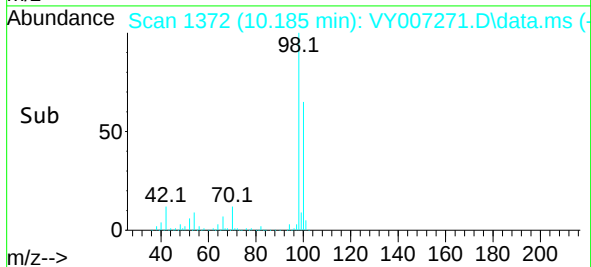
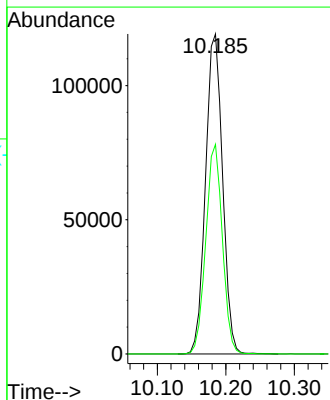
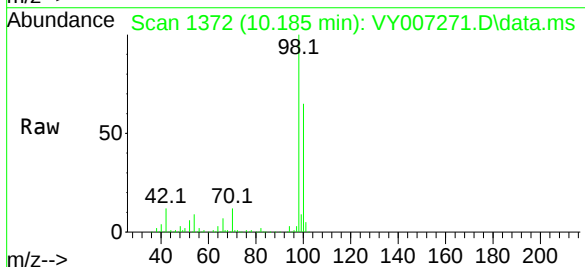


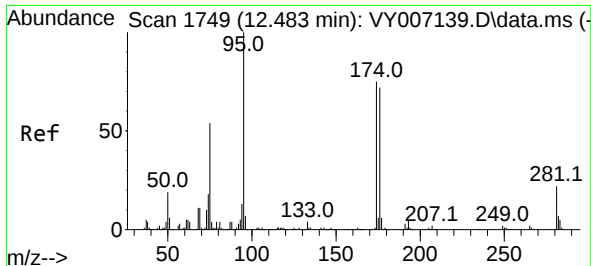
Tgt Ion:117 Resp: 10034
Ion Ratio Lower Upper
117 100
119 3.8 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.866 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY007271.D
Acq: 24 Jan 2022 16:11

Tgt Ion: 98 Resp: 205847
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.2

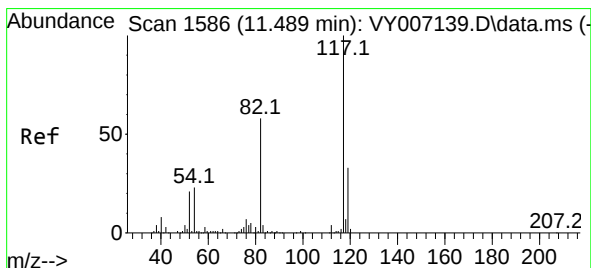
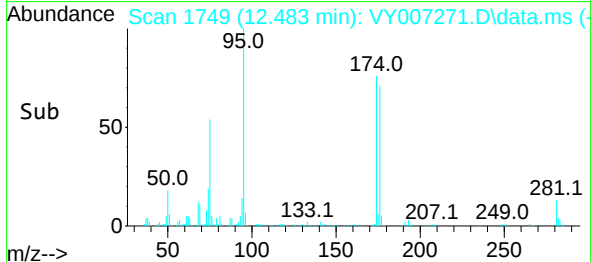
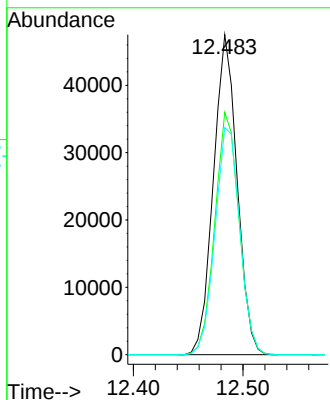
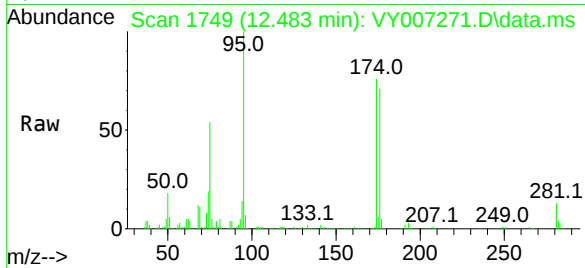




#62
4-Bromofluorobenzene
Concen: 48.563 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007271.D
Acq: 24 Jan 2022 16:11

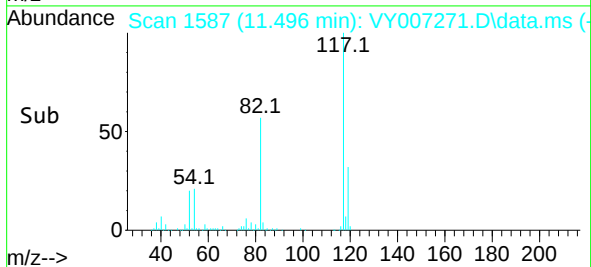
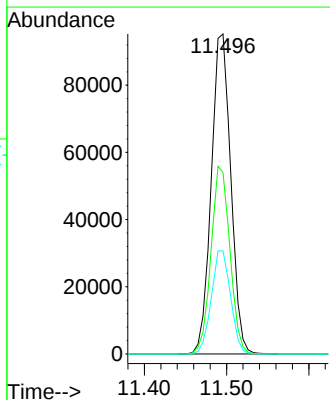
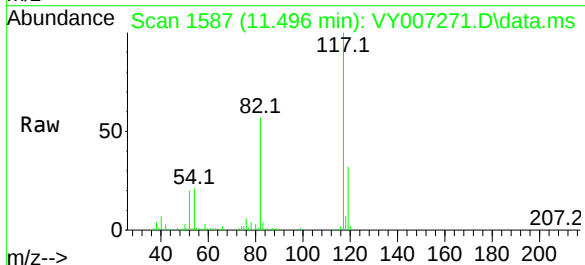
Instrument :
MSVOA_Y
ClientSampleId :

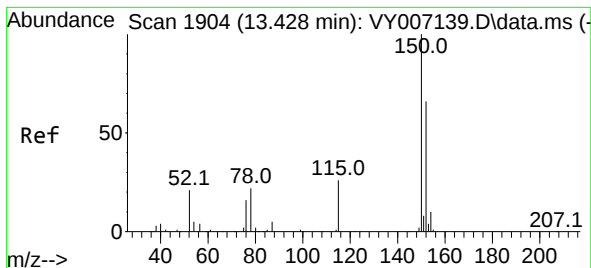
Tgt Ion: 95 Resp: 71309
Ion Ratio Lower Upper
95 100
174 77.3 0.0 148.4
176 74.3 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY007271.D
Acq: 24 Jan 2022 16:11

Tgt Ion: 117 Resp: 157169
Ion Ratio Lower Upper
117 100
82 56.7 45.4 68.0
119 32.2 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

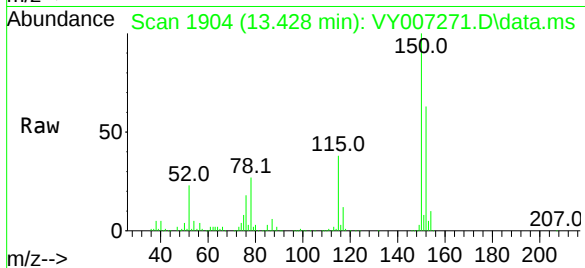
Lab File: VY007271.D

Acq: 24 Jan 2022 16:11

Instrument :

MSVOA_Y

ClientSampleId :



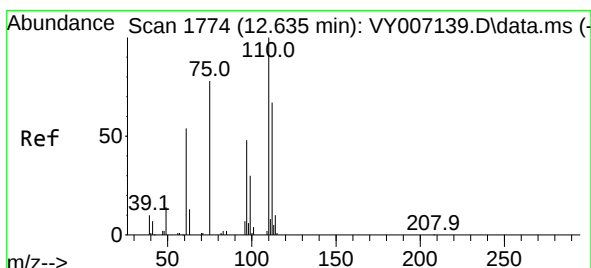
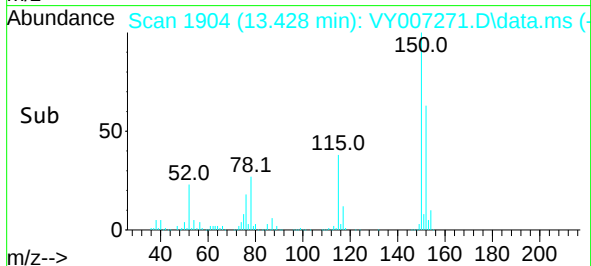
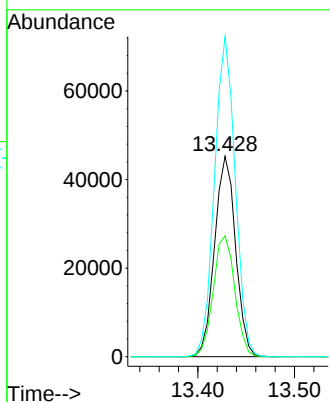
Tgt Ion:152 Resp: 68117

Ion Ratio Lower Upper

152 100

115 62.0 31.4 94.0

150 157.7 0.0 348.4



#76

1,2,3-Trichloropropane

Concen: 51.208 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY007271.D

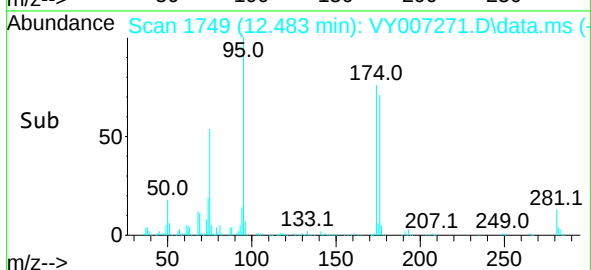
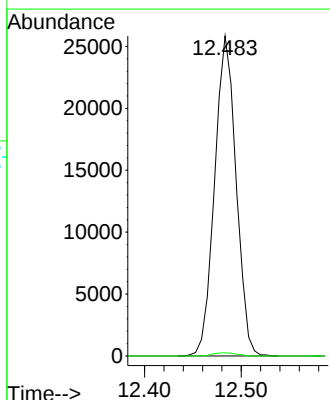
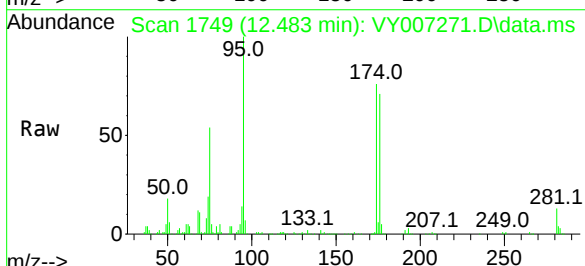
Acq: 24 Jan 2022 16:11

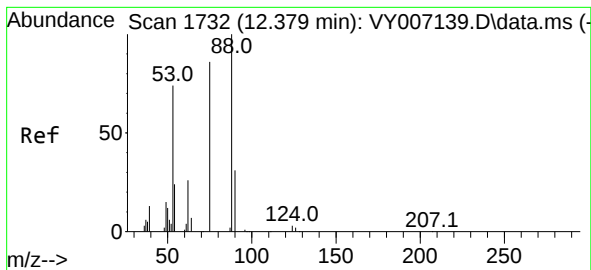
Tgt Ion: 75 Resp: 39774

Ion Ratio Lower Upper

75 100

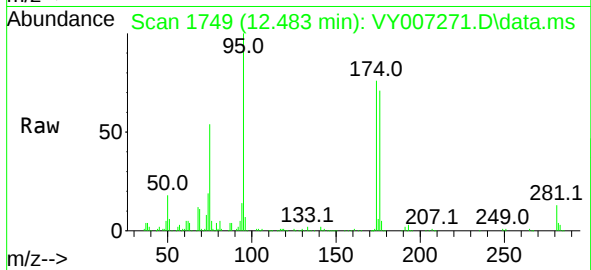
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.748 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007271.D
 Acq: 24 Jan 2022 16:11

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 39774
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 0.1 0.0 0.0#

