

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102921\
 Data File : VY006535.D
 Acq On : 29 Oct 2021 13:20
 Operator : SY/MD
 Sample : M4406-03
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 02:59:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

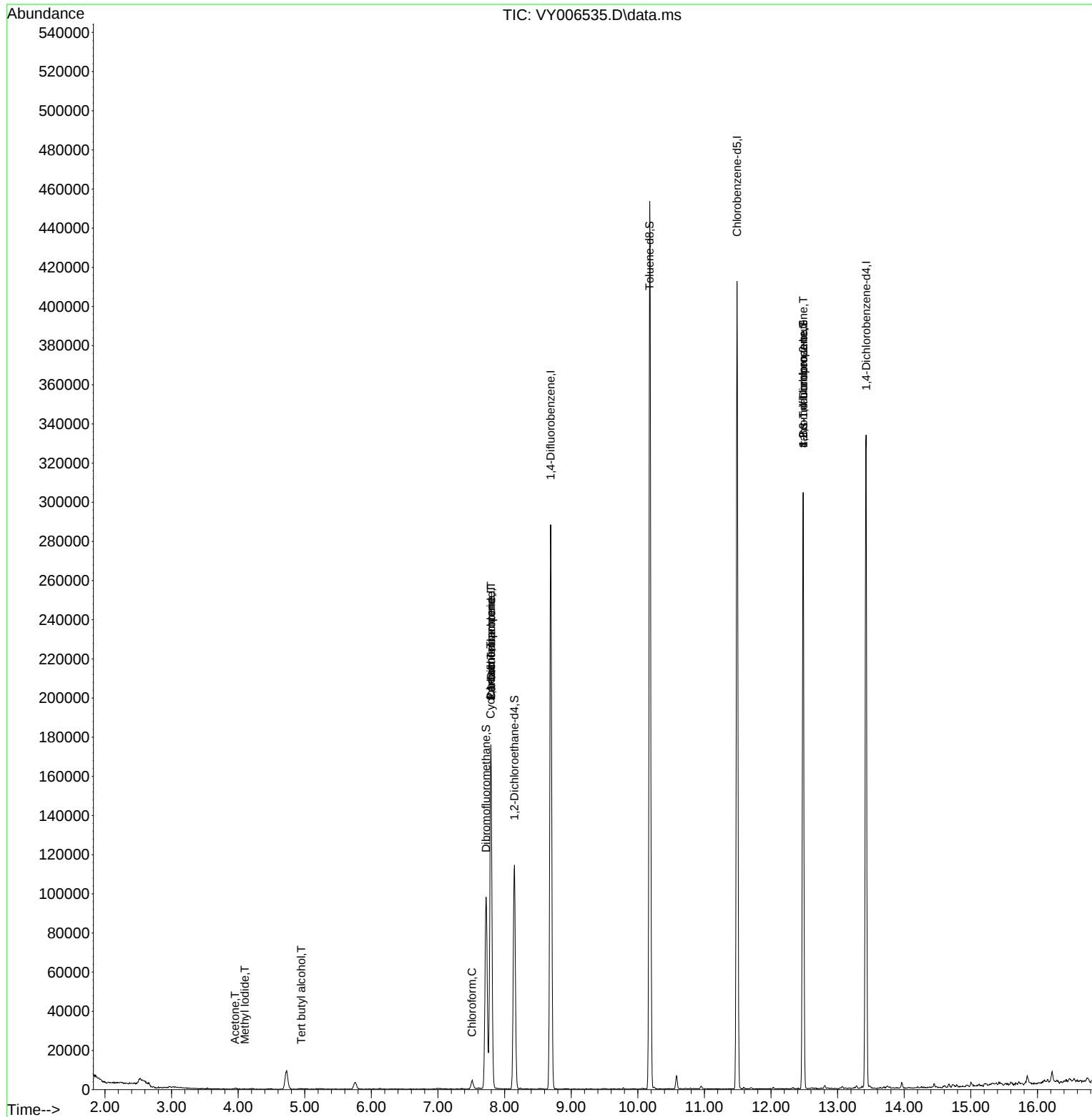
Internal Standards						
1) Pentafluorobenzene	7.795	168	130011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	223429	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	202958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	92307	57.697	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.400%			
35) Dibromofluoromethane	7.722	113	66977	53.783	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.560%			
50) Toluene-d8	10.179	98	285818	54.141	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.280%			
62) 4-Bromofluorobenzene	12.483	95	85280	47.955	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.920%			
Target Compounds						Qvalue
10) Methyl Iodide	4.101	142	229	5.221	ug/l #	36
11) Tert butyl alcohol	4.948	59	260	1.789	ug/l #	72
16) Acetone	3.954	43	840	1.823	ug/l	97
30) Chloroform	7.509	83	3675	1.413	ug/l	97
31) Cyclohexane	7.789	56	3480	1.344	ug/l #	11
36) 1,1-Dichloropropene	7.795	75	11346	5.139	ug/l #	50
38) Carbon Tetrachloride	7.795	117	12456	5.115	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	49486	59.422	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	49486	121.991	ug/l #	7

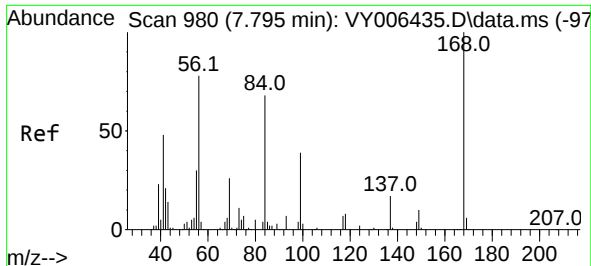
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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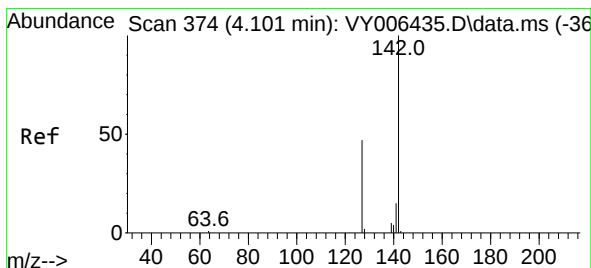
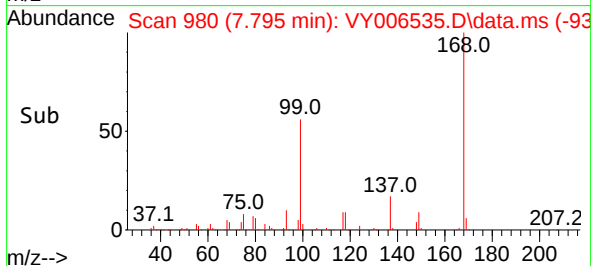
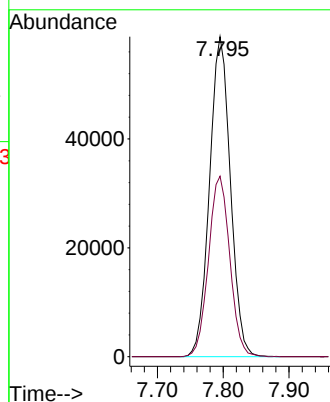
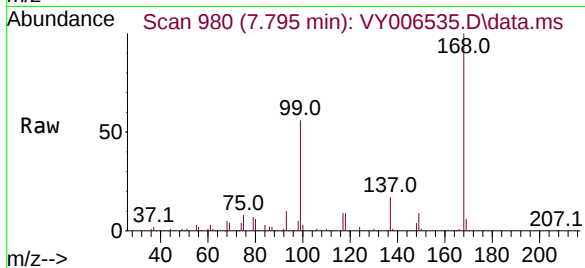




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006535.D
Acq: 29 Oct 2021 13:20

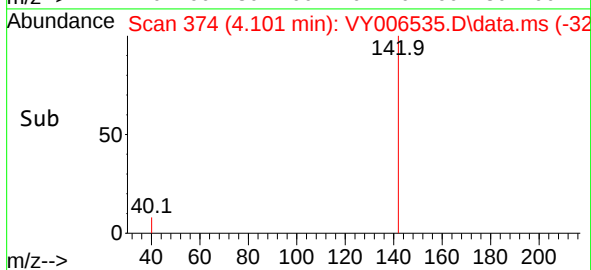
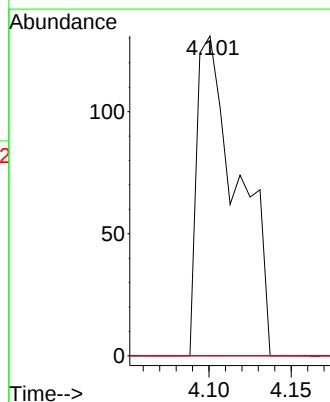
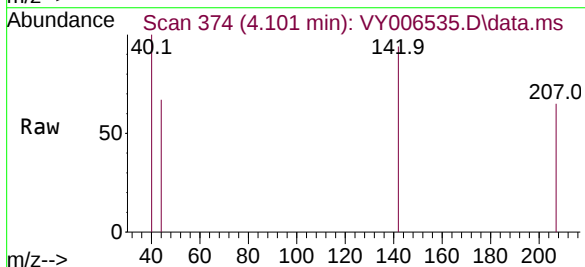
Instrument :
MSVOA_Y
ClientSampleId :

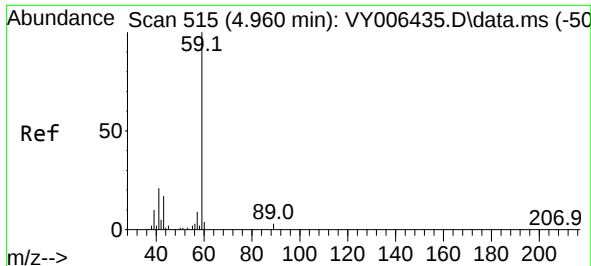
Tgt Ion:168 Resp: 130011
Ion Ratio Lower Upper
168 100
99 56.4 44.8 67.2



#10
Methyl Iodide
Concen: 5.221 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY006535.D
Acq: 29 Oct 2021 13:20

Tgt Ion:142 Resp: 229
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#





#11

Tert butyl alcohol

Concen: 1.789 ug/l

RT: 4.948 min Scan# 51

Delta R.T. -0.012 min

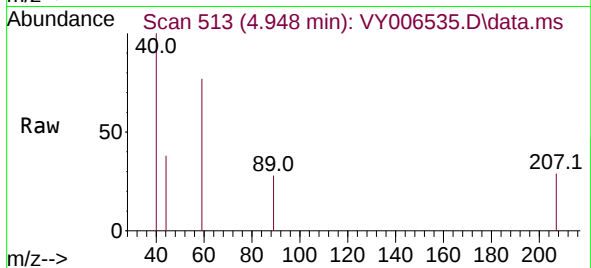
Lab File: VY006535.D

Acq: 29 Oct 2021 13:20

Instrument :

MSVOA_Y

ClientSampleId :

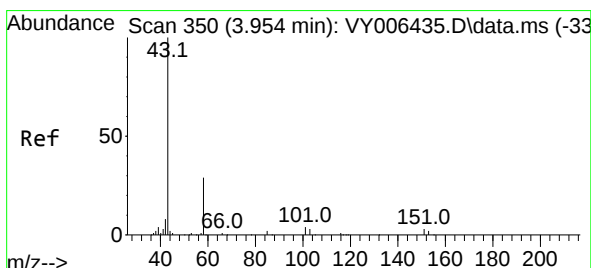
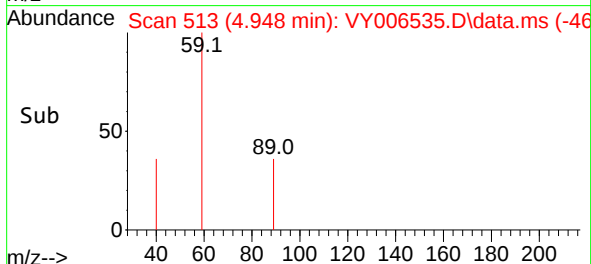
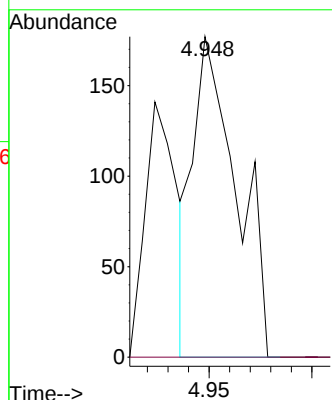


Tgt Ion: 59 Resp: 260

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 1.823 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.000 min

Lab File: VY006535.D

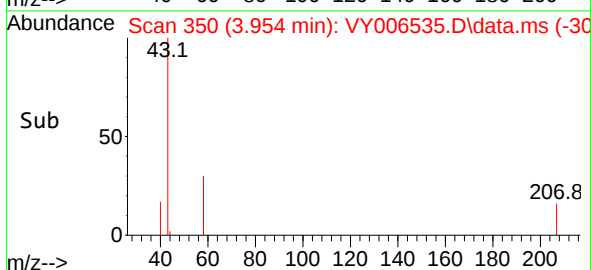
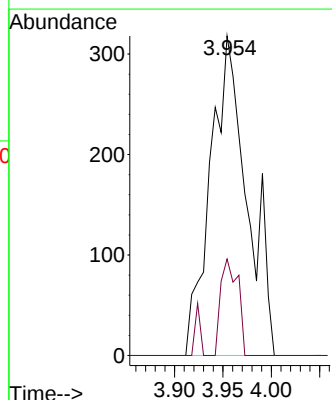
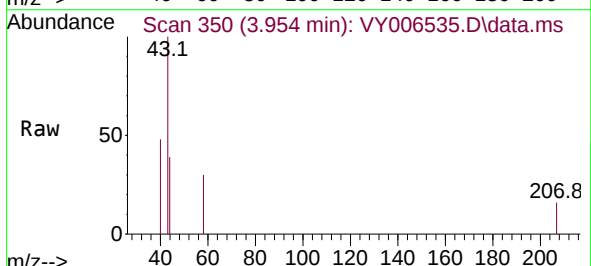
Acq: 29 Oct 2021 13:20

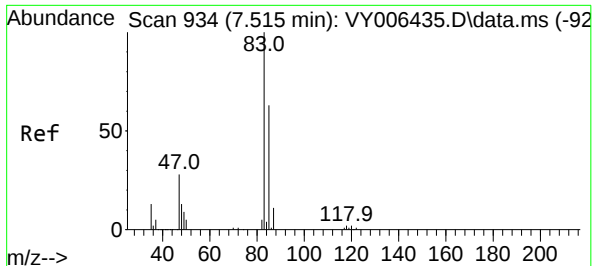
Tgt Ion: 43 Resp: 840

Ion Ratio Lower Upper

43 100

58 30.2 22.9 34.3

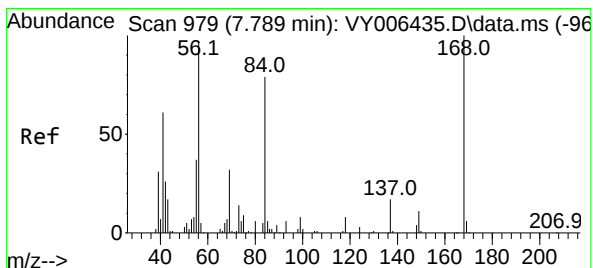
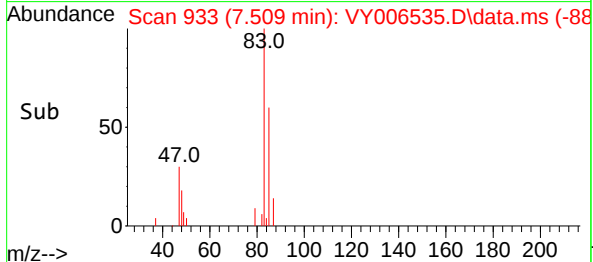
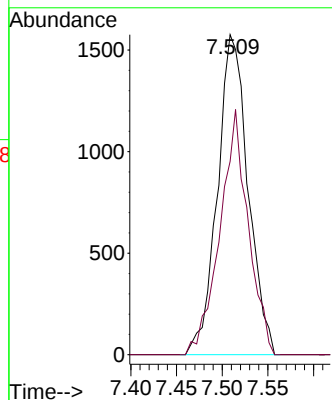
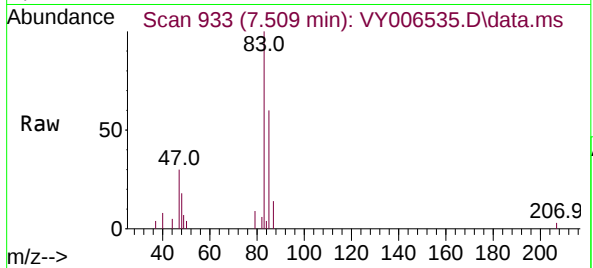




#30
Chloroform
Concen: 1.413 ug/l
RT: 7.509 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006535.D
Acq: 29 Oct 2021 13:20

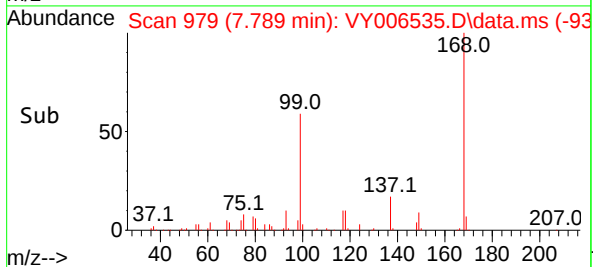
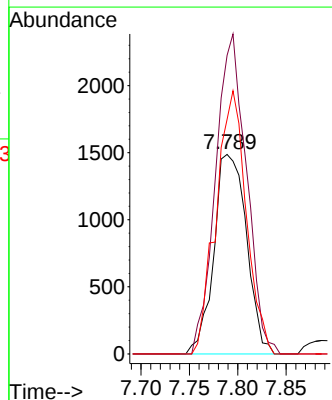
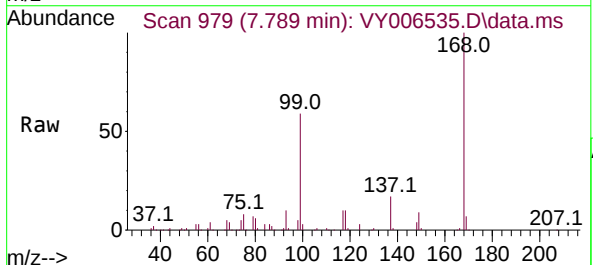
Instrument :
MSVOA_Y
ClientSampleId :

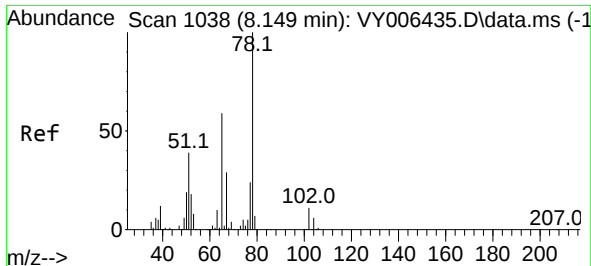
Tgt Ion: 83 Resp: 3675
Ion Ratio Lower Upper
83 100
85 60.4 50.2 75.4



#31
Cyclohexane
Concen: 1.344 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY006535.D
Acq: 29 Oct 2021 13:20

Tgt Ion: 56 Resp: 3480
Ion Ratio Lower Upper
56 100
69 149.6 26.6 40.0#
84 117.6 65.0 97.4#





#33

1,2-Dichloroethane-d4

Concen: 57.697 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY006535.D

Acq: 29 Oct 2021 13:20

Instrument :

MSVOA_Y

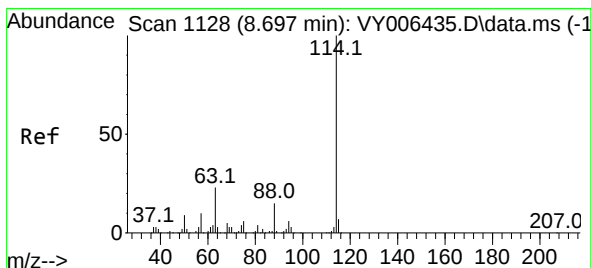
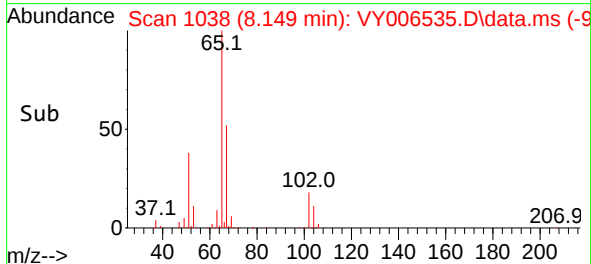
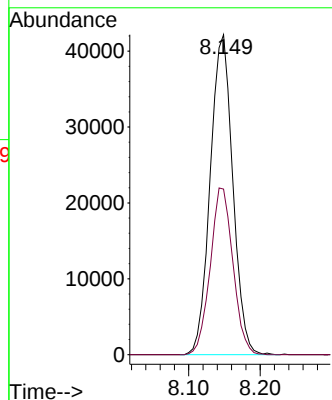
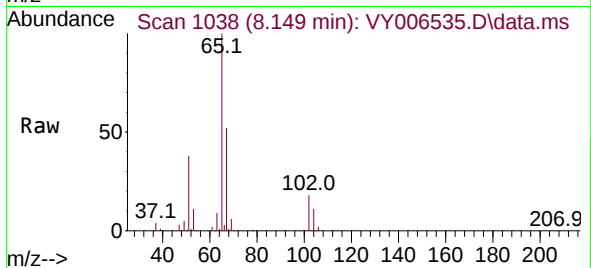
ClientSampleId :

Tgt Ion: 65 Resp: 92307

Ion Ratio Lower Upper

65 100

67 52.4 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY006535.D

Acq: 29 Oct 2021 13:20

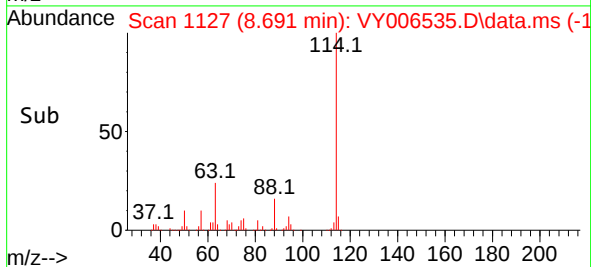
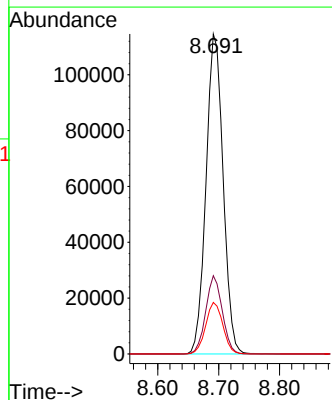
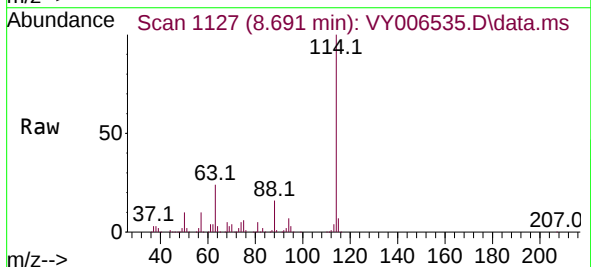
Tgt Ion: 114 Resp: 223429

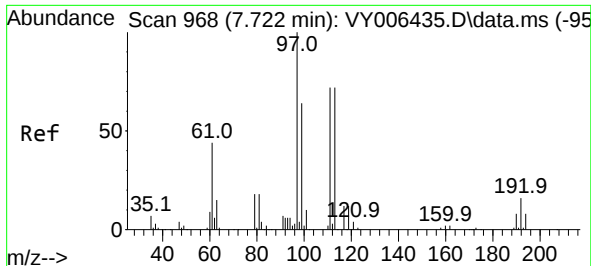
Ion Ratio Lower Upper

114 100

63 24.5 0.0 45.0

88 16.1 0.0 30.6

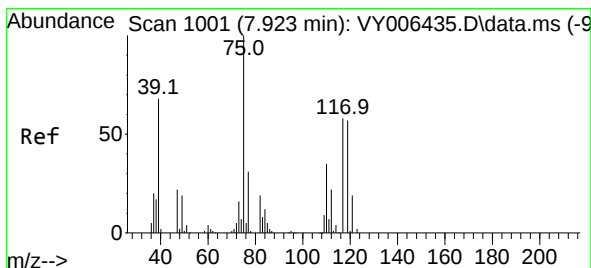
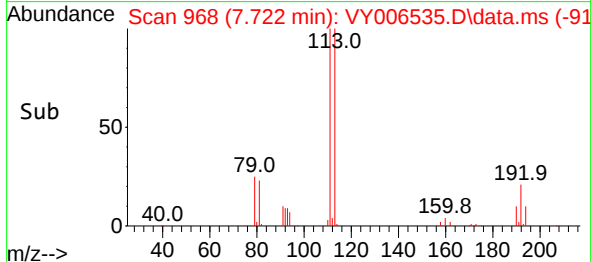
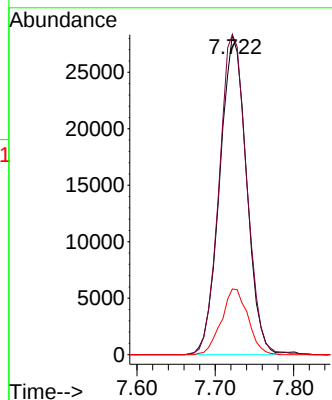
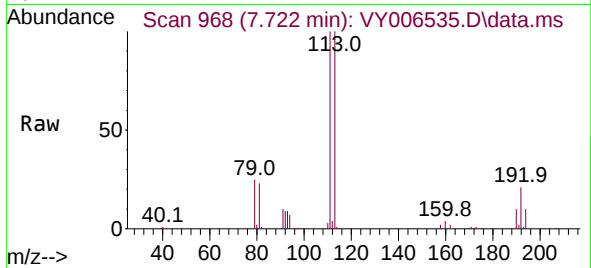




#35
Dibromofluoromethane
Concen: 53.783 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006535.D
Acq: 29 Oct 2021 13:20

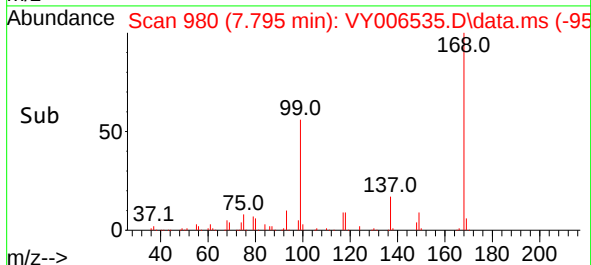
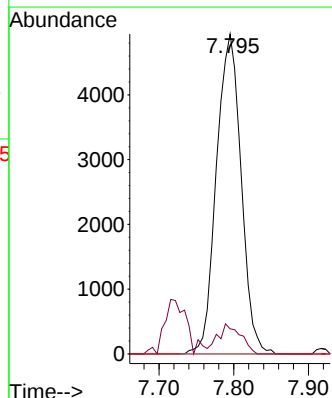
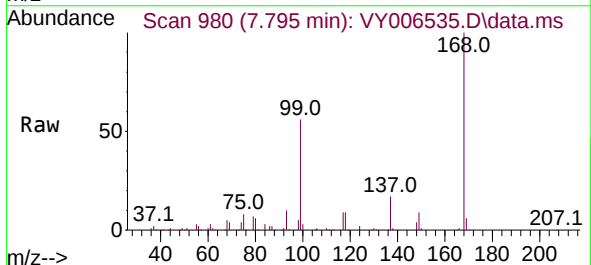
Instrument :
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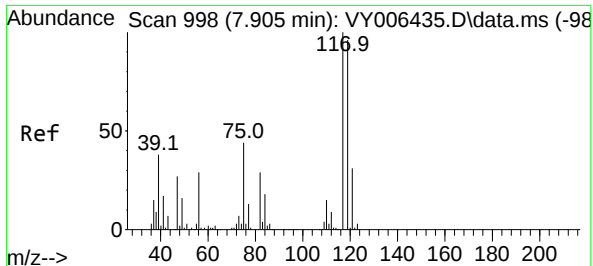
Tgt Ion:113 Resp: 66977
Ion Ratio Lower Upper
113 100
111 103.1 82.3 123.5
192 20.4 17.4 26.2



#36
1,1-Dichloropropene
Concen: 5.139 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006535.D
Acq: 29 Oct 2021 13:20

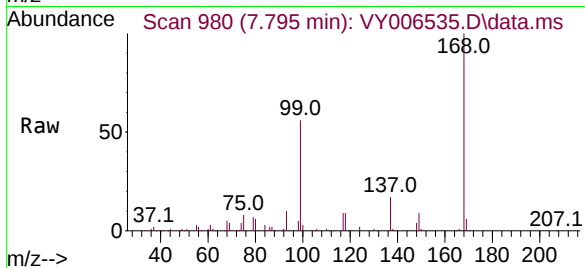
Tgt Ion: 75 Resp: 11346
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.3#
77 0.0 24.9 37.3#



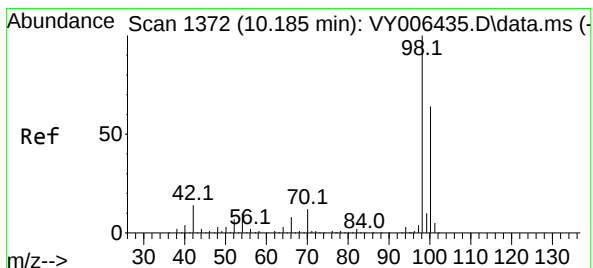
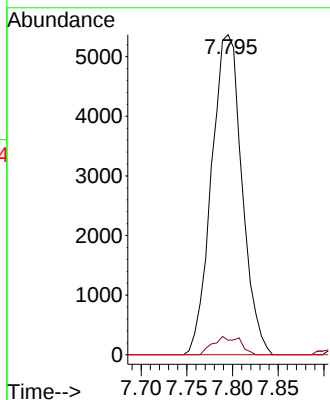
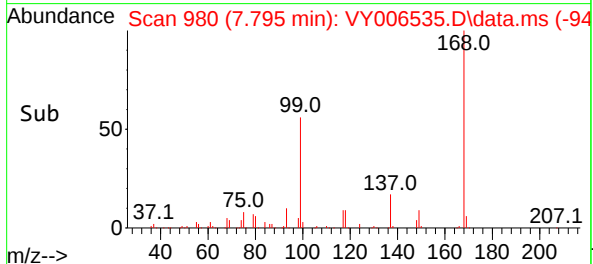


#38
Carbon Tetrachloride
Concen: 5.115 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY006535.D
Acq: 29 Oct 2021 13:20

Instrument :
MSVOA_Y
ClientSampleId :

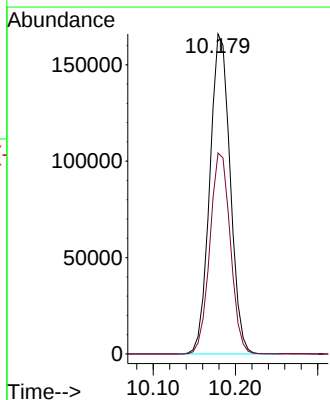
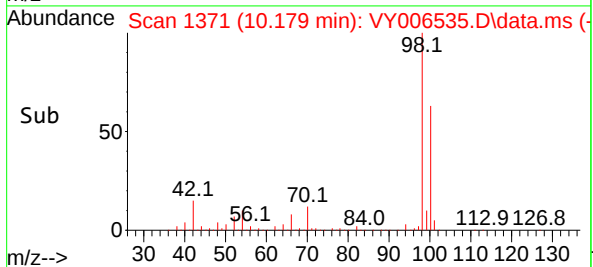
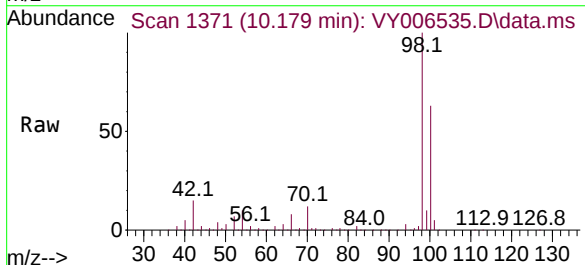


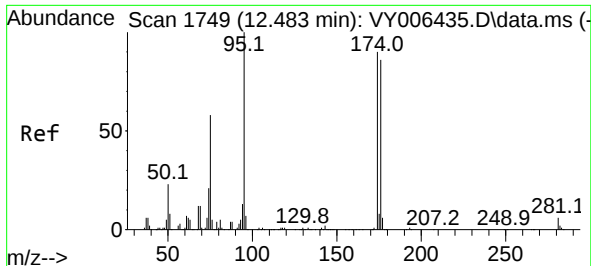
Tgt Ion:117 Resp: 12456
Ion Ratio Lower Upper
117 100
119 4.5 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 54.141 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006535.D
Acq: 29 Oct 2021 13:20

Tgt Ion: 98 Resp: 285818
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3

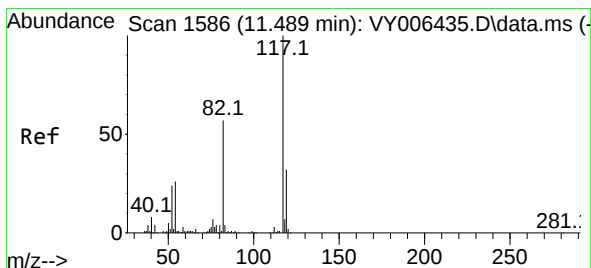
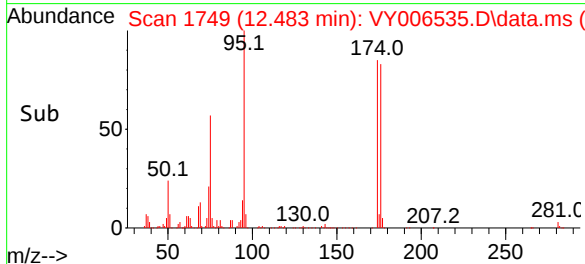
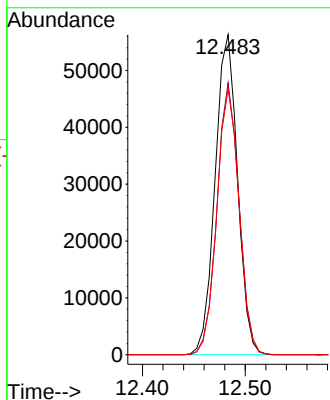
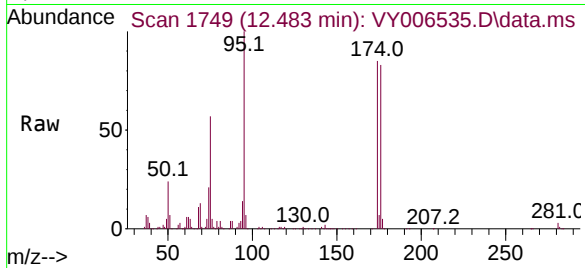




#62
4-Bromofluorobenzene
Concen: 47.955 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006535.D
Acq: 29 Oct 2021 13:20

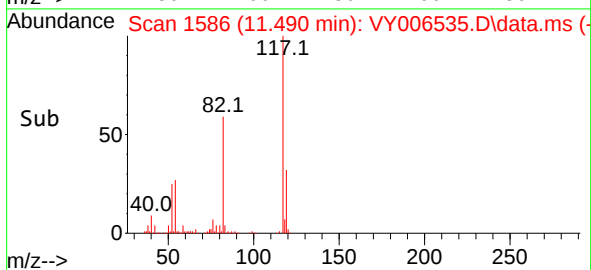
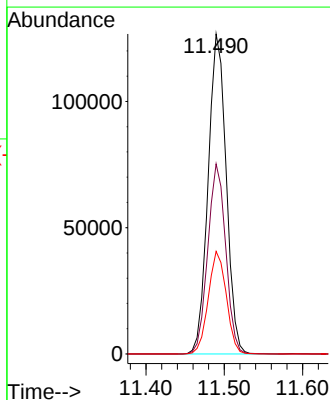
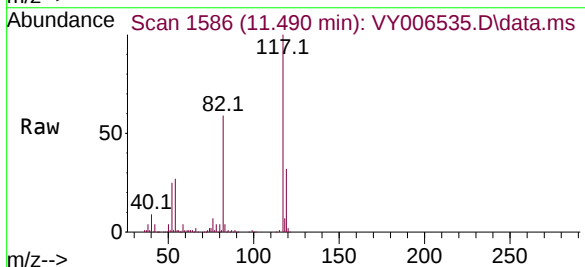
Instrument :
MSVOA_Y
ClientSampleId :

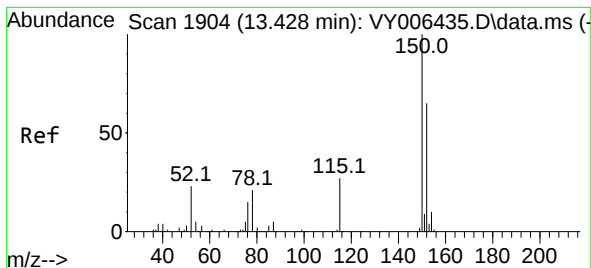
Tgt Ion: 95 Resp: 85280
Ion Ratio Lower Upper
95 100
174 83.0 0.0 177.0
176 82.6 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY006535.D
Acq: 29 Oct 2021 13:20

Tgt Ion: 117 Resp: 202958
Ion Ratio Lower Upper
117 100
82 59.4 45.7 68.5
119 32.0 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY006535.D

Acq: 29 Oct 2021 13:20

Instrument :

MSVOA_Y

ClientSampleId :

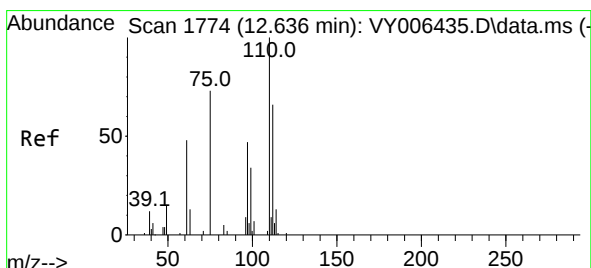
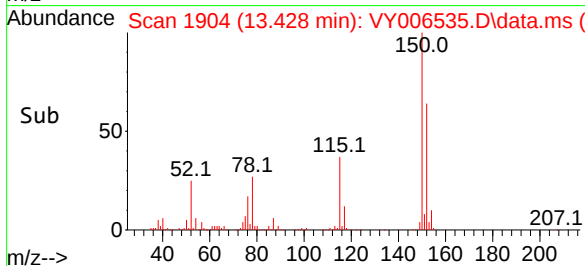
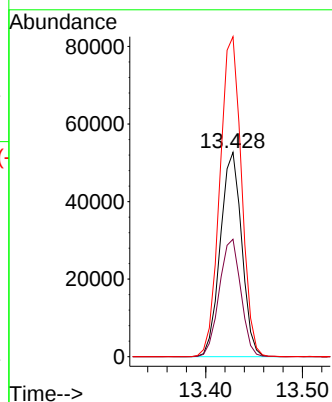
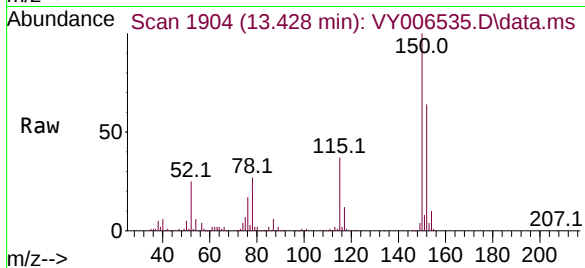
Tgt Ion:152 Resp: 80816

Ion Ratio Lower Upper

152 100

115 57.9 28.5 85.5

150 158.2 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 59.422 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY006535.D

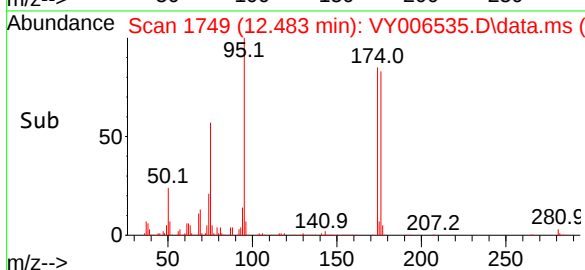
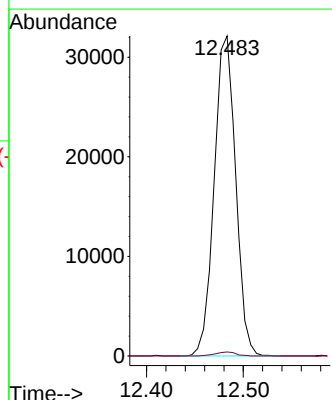
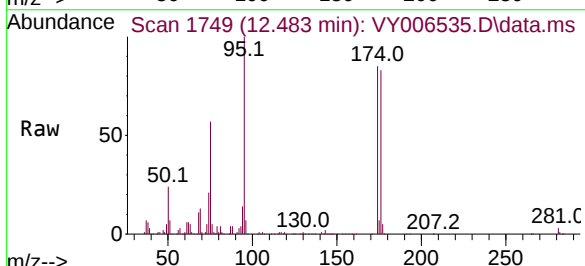
Acq: 29 Oct 2021 13:20

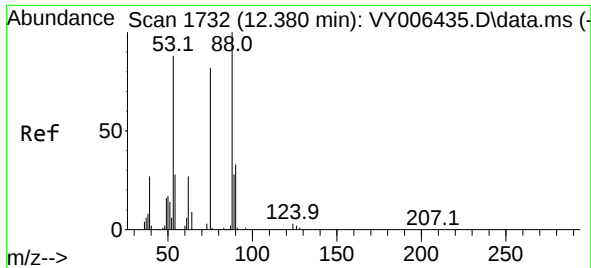
Tgt Ion: 75 Resp: 49486

Ion Ratio Lower Upper

75 100

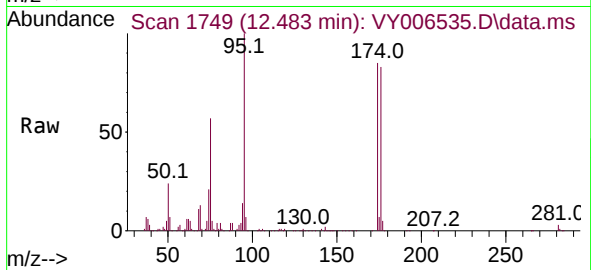
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 121.991 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY006535.D
 Acq: 29 Oct 2021 13:20

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 49486
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.8 128.6#
 89 0.0 39.3 58.9#

