

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010622\
 Data File : VY007029.D
 Acq On : 06 Jan 2022 13:56
 Operator : SY/MD
 Sample : N1038-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 07 11:47:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 06 04:51:57 2022
 Response via : Initial Calibration

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

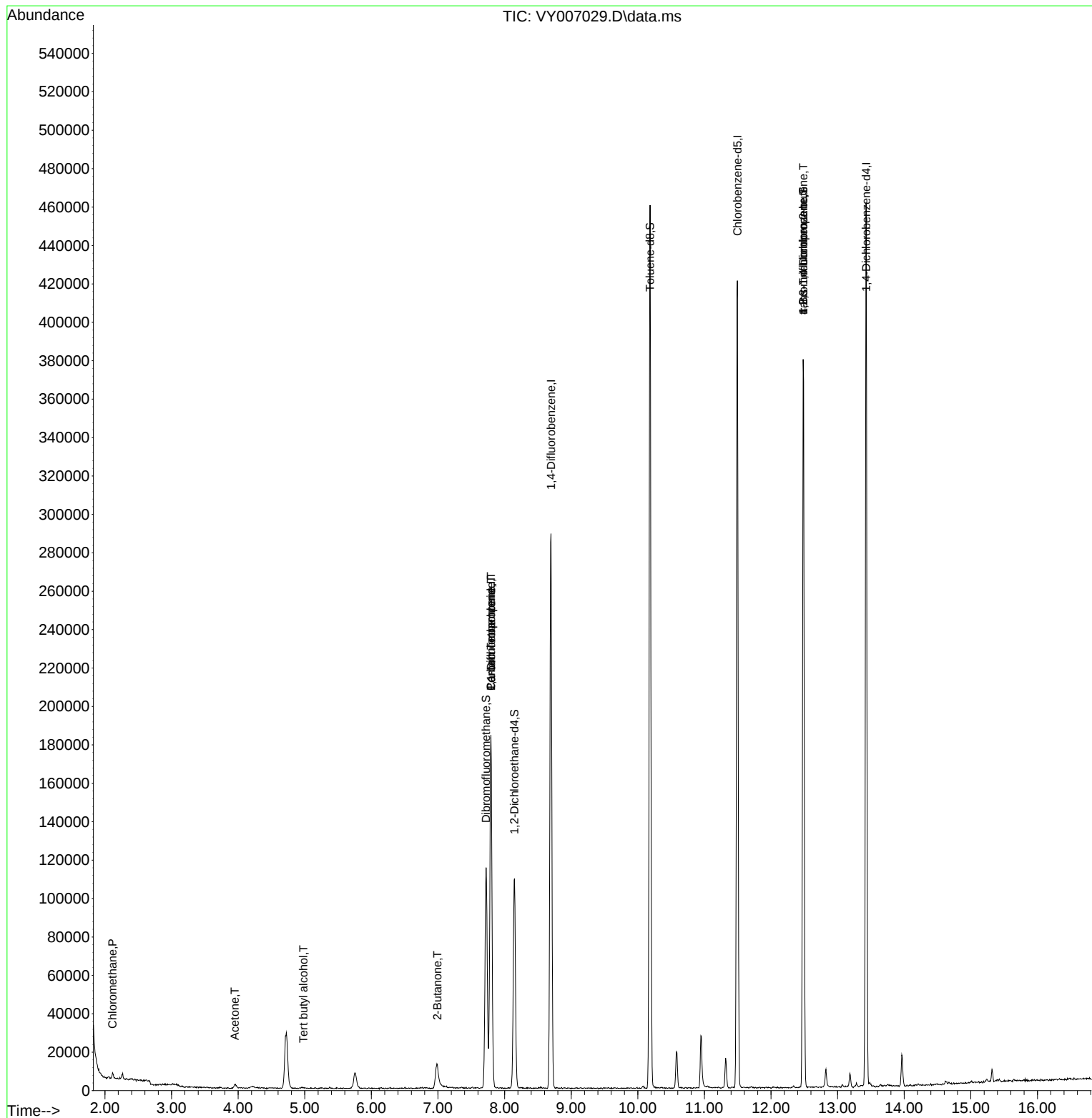
Internal Standards						
1) Pentafluorobenzene	7.795	168	138676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	255505	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	237635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	111573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	88225	53.896	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.800%	
35) Dibromofluoromethane	7.722	113	84696	50.428	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.860%	
50) Toluene-d8	10.185	98	306515	49.119	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.240%	
62) 4-Bromofluorobenzene	12.483	95	117070	49.814	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.620%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	2361	2.436	ug/l	94
11) Tert butyl alcohol	4.978	59	184	1.246	ug/l #	71
16) Acetone	3.948	43	3467	9.613	ug/l	89
20) Methylene Chloride	4.722	84	22897	Below Cal		90
25) 2-Butanone	6.990	43	803	1.546	ug/l #	87
36) 1,1-Dichloropropene	7.795	75	11450	4.090	ug/l #	48
38) Carbon Tetrachloride	7.795	117	14693	5.018	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	59885	42.611	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	59885	77.827	ug/l #	4

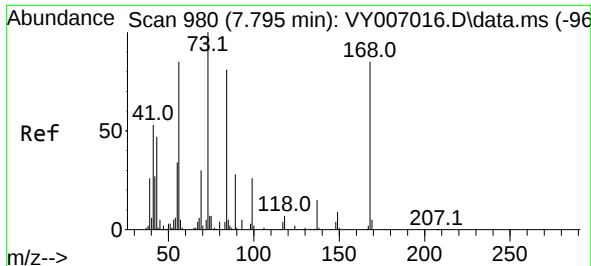
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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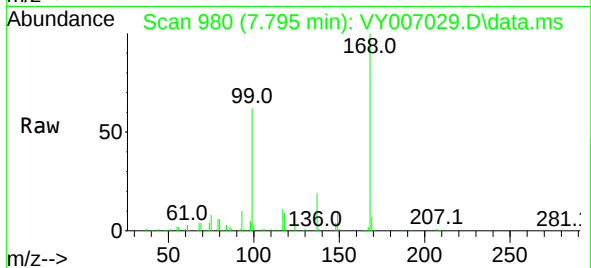
Quant Time: Jan 07 11:47:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010522S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 06 04:51:57 2022
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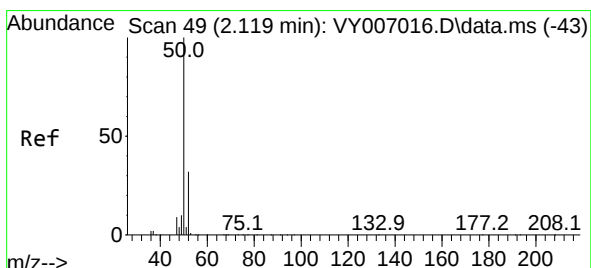
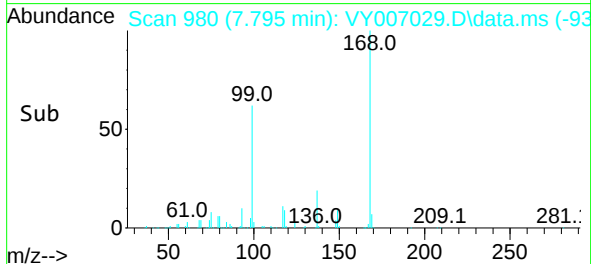
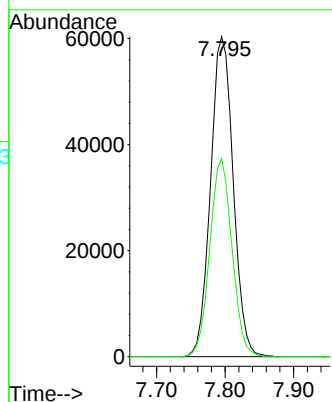


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007029.D
Acq: 06 Jan 2022 13:56

Instrument :
MSVOA_Y
ClientSampleId :

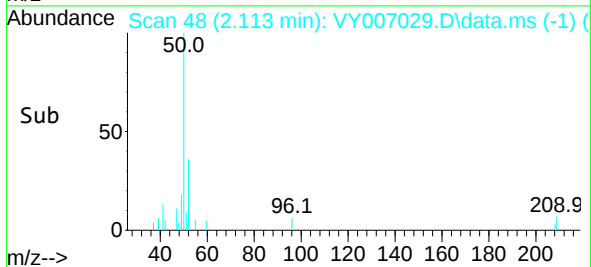
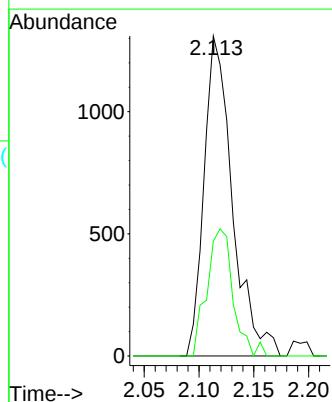
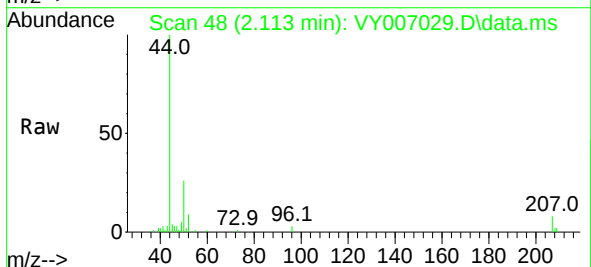


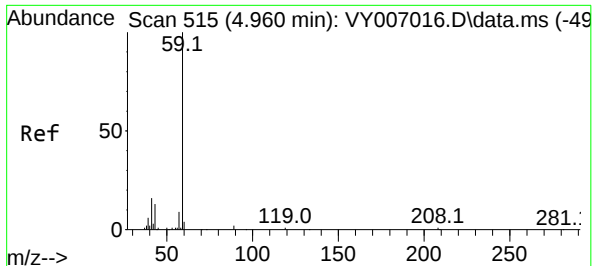
Tgt Ion:168 Resp: 138676
Ion Ratio Lower Upper
168 100
99 61.9 48.9 73.3



#3
Chloromethane
Concen: 2.436 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY007029.D
Acq: 06 Jan 2022 13:56

Tgt Ion: 50 Resp: 2361
Ion Ratio Lower Upper
50 100
52 35.9 25.8 38.8





#11

Tert butyl alcohol

Concen: 1.246 ug/l

RT: 4.978 min Scan# 515

Delta R.T. 0.018 min

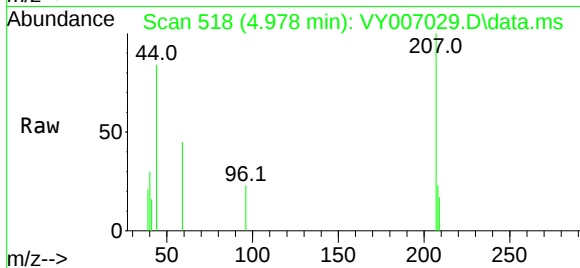
Lab File: VY007029.D

Acq: 06 Jan 2022 13:56

Instrument :

MSVOA_Y

ClientSampleId :

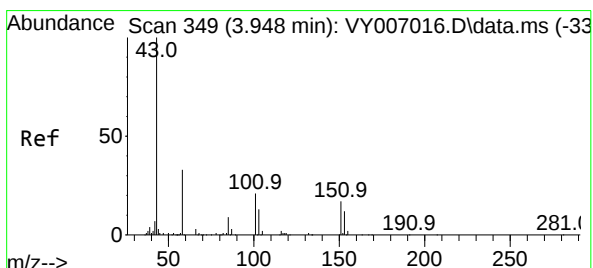
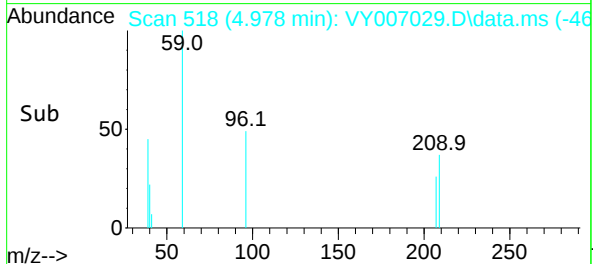
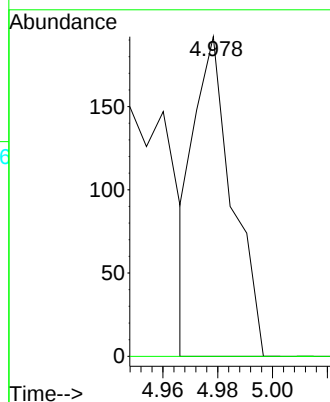


Tgt Ion: 59 Resp: 184

Ion Ratio Lower Upper

59 100

57 0.0 8.9 13.3#



#16

Acetone

Concen: 9.613 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.000 min

Lab File: VY007029.D

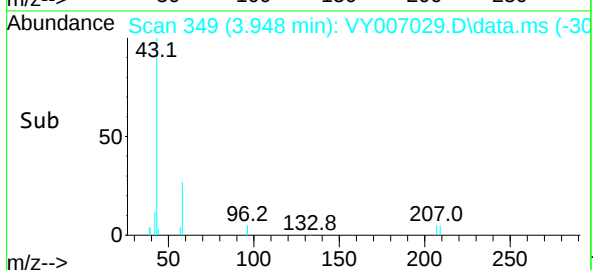
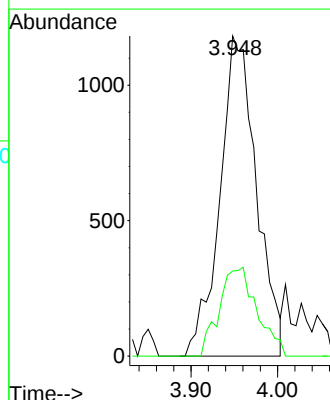
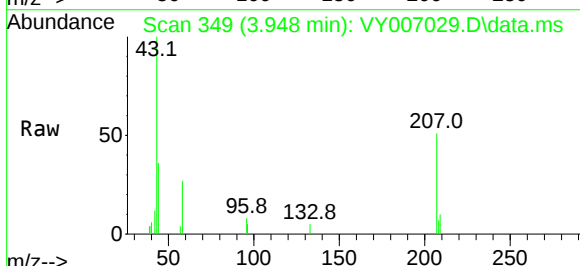
Acq: 06 Jan 2022 13:56

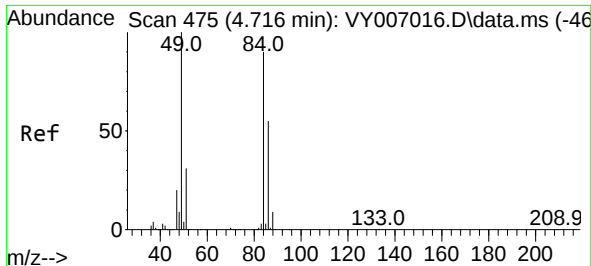
Tgt Ion: 43 Resp: 3467

Ion Ratio Lower Upper

43 100

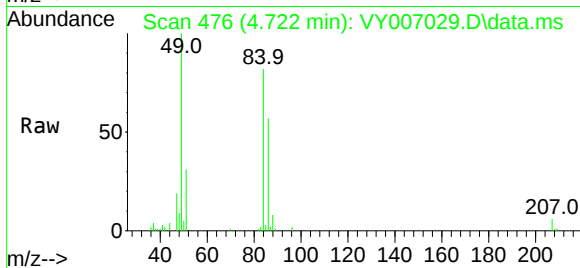
58 26.6 26.3 39.5



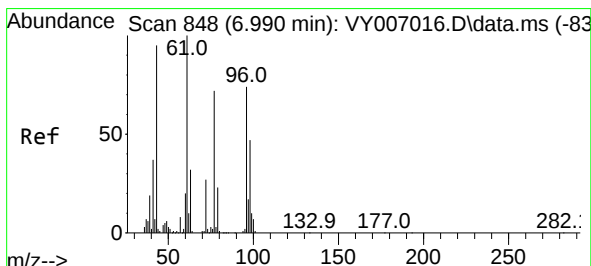
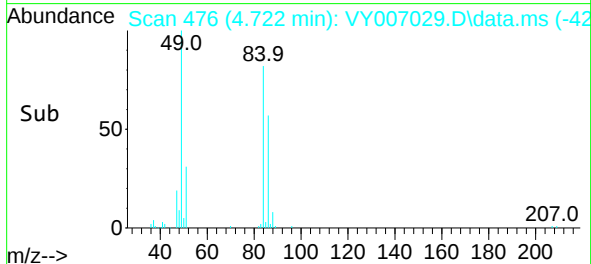
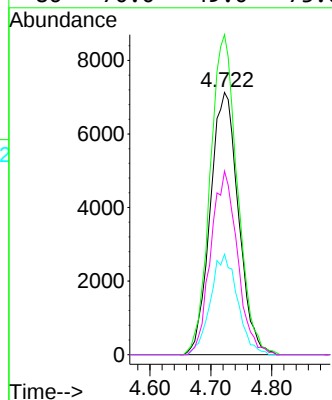


#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY007029.D
Acq: 06 Jan 2022 13:56

Instrument :
MSVOA_Y
ClientSampleId :

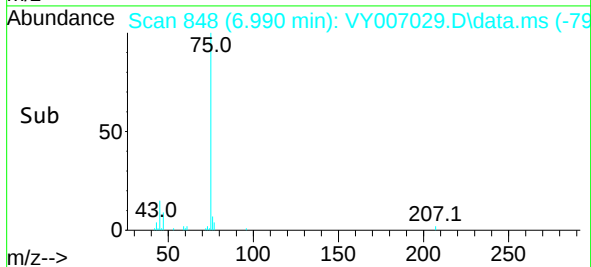
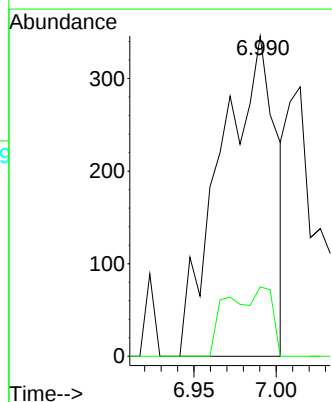
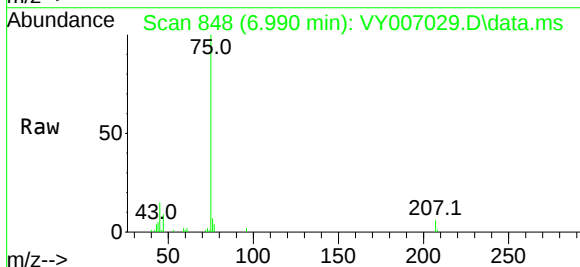


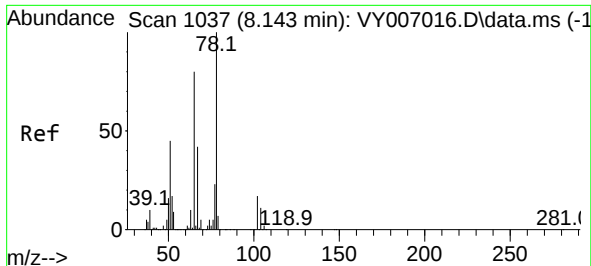
Tgt Ion: 84 Resp: 22897
Ion Ratio Lower Upper
84 100
49 122.0 89.4 134.0
51 38.3 27.7 41.5
86 70.0 49.0 73.6



#25
2-Butanone
Concen: 1.546 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY007029.D
Acq: 06 Jan 2022 13:56

Tgt Ion: 43 Resp: 803
Ion Ratio Lower Upper
43 100
72 21.7 22.6 34.0#





#33

1,2-Dichloroethane-d4

Concen: 53.896 ug/l

RT: 8.149 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY007029.D

Acq: 06 Jan 2022 13:56

Instrument :

MSVOA_Y

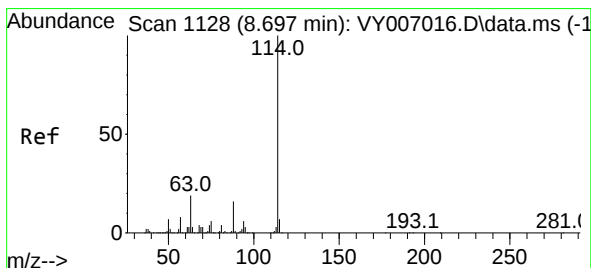
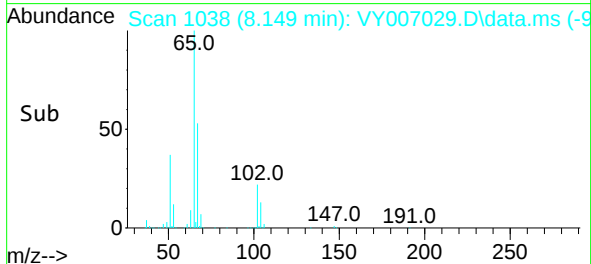
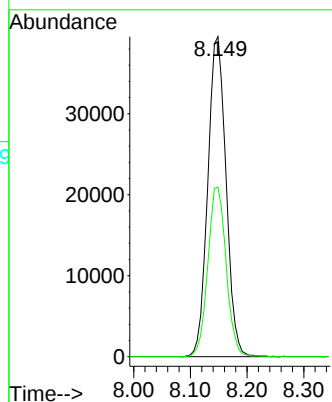
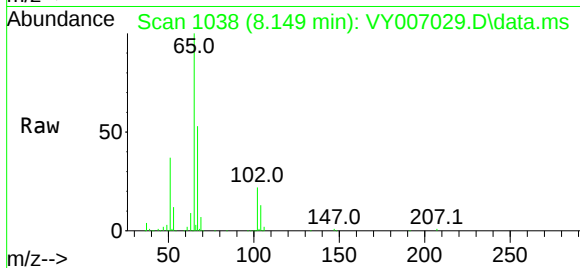
ClientSampleId :

Tgt Ion: 65 Resp: 88225

Ion Ratio Lower Upper

65 100

67 53.3 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY007029.D

Acq: 06 Jan 2022 13:56

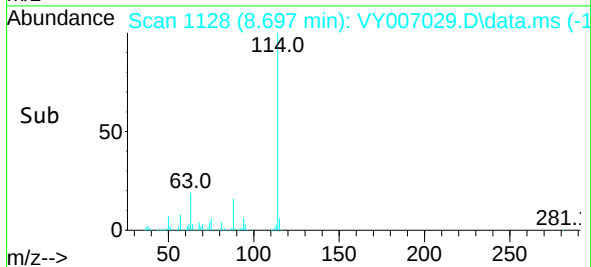
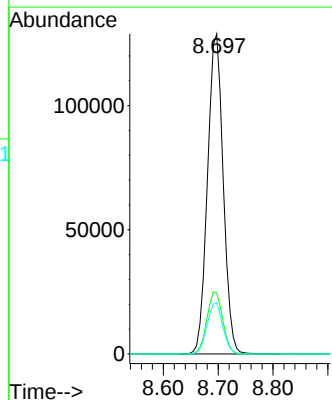
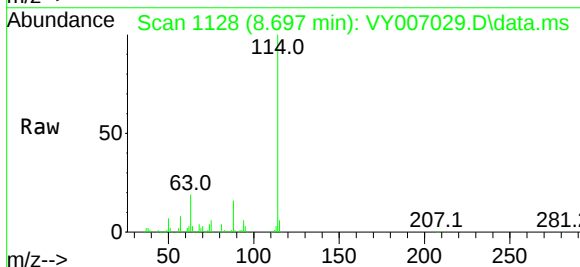
Tgt Ion: 114 Resp: 255505

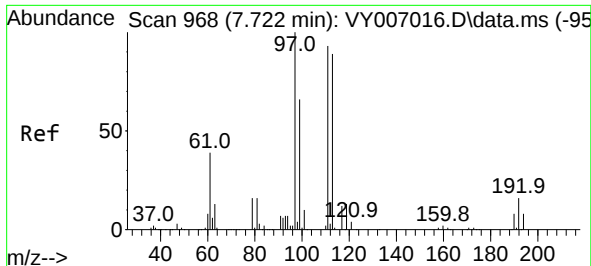
Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.6

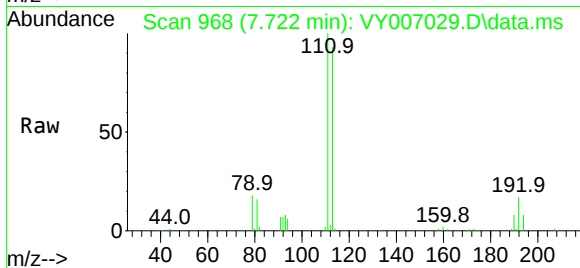
88 16.0 0.0 31.8



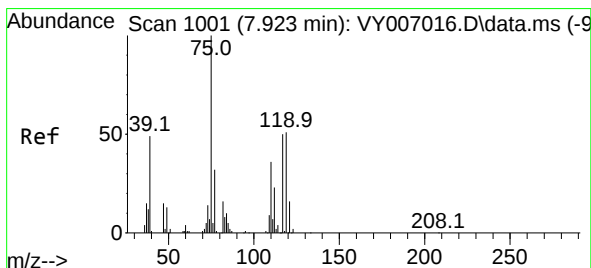
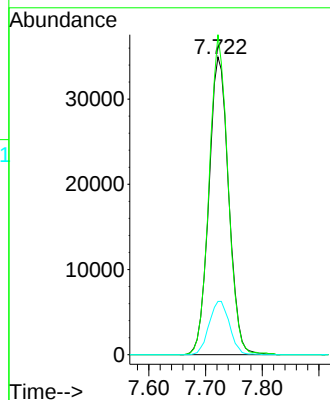
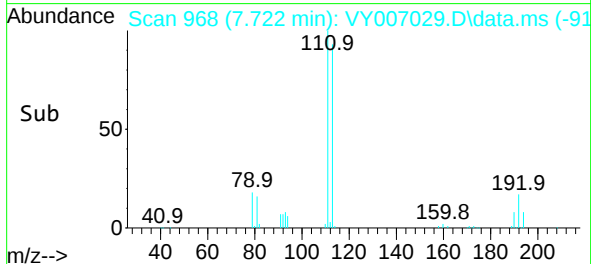


#35
Dibromofluoromethane
Concen: 50.428 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007029.D
Acq: 06 Jan 2022 13:56

Instrument :
MSVOA_Y
ClientSampleId :

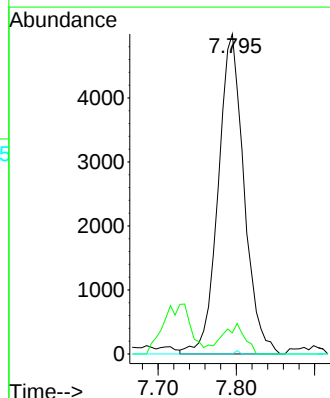
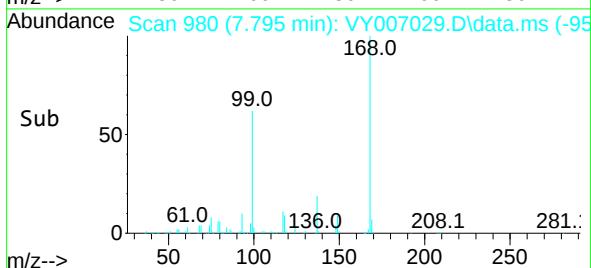
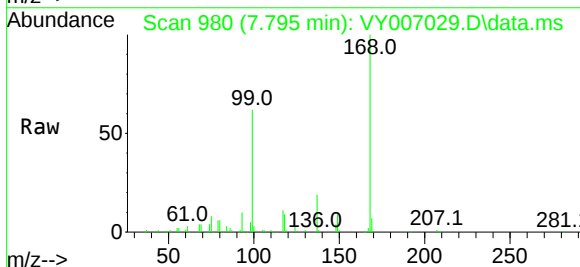


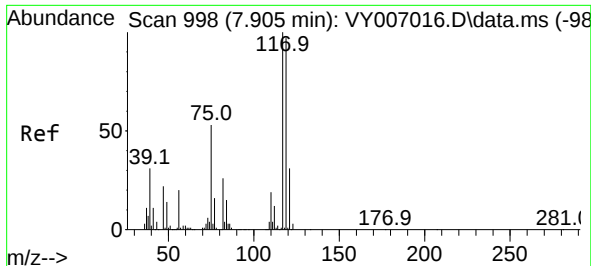
Tgt Ion:113 Resp: 84696
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 18.5 14.6 21.8



#36
1,1-Dichloropropene
Concen: 4.090 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY007029.D
Acq: 06 Jan 2022 13:56

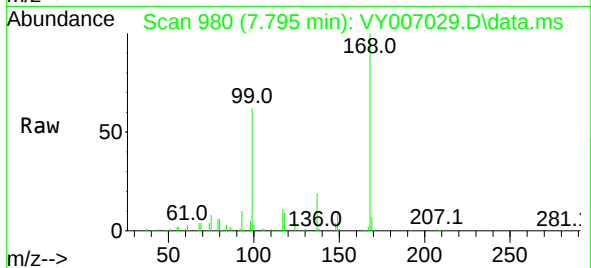
Tgt Ion: 75 Resp: 11450
Ion Ratio Lower Upper
75 100
110 7.7 18.0 54.0#
77 0.2 25.4 38.2#



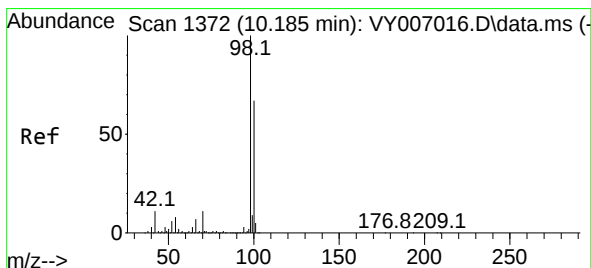
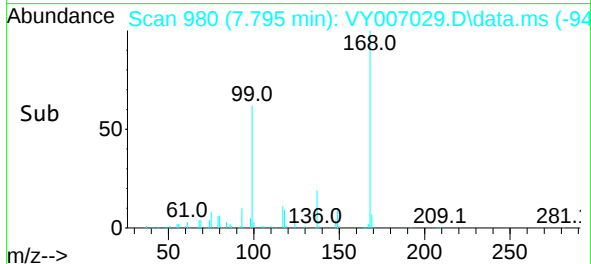
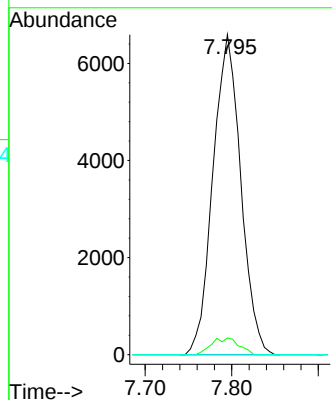


#38
Carbon Tetrachloride
Concen: 5.018 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007029.D
Acq: 06 Jan 2022 13:56

Instrument :
MSVOA_Y
ClientSampleId :

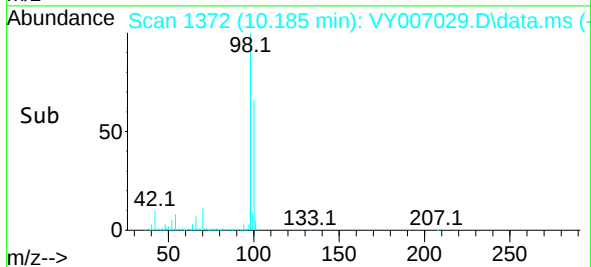
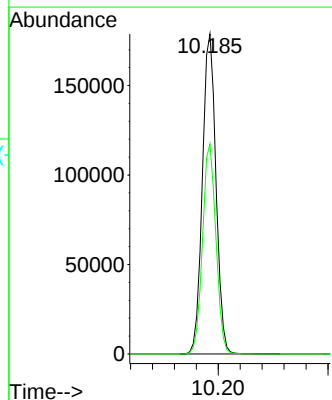
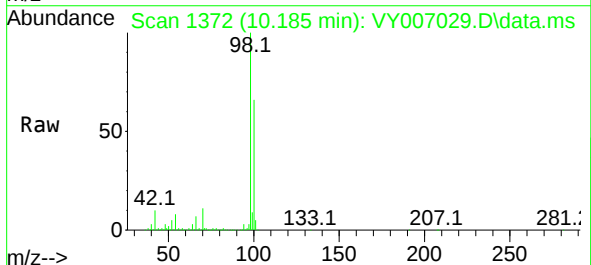


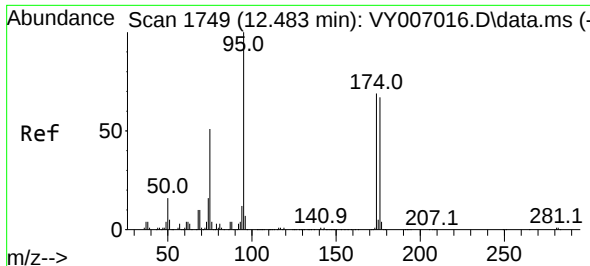
Tgt Ion:117 Resp: 14693
Ion Ratio Lower Upper
117 100
119 5.3 77.7 116.5#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.119 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY007029.D
Acq: 06 Jan 2022 13:56

Tgt Ion: 98 Resp: 306515
Ion Ratio Lower Upper
98 100
100 64.9 52.8 79.2

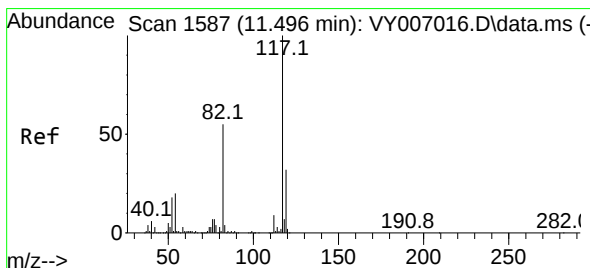
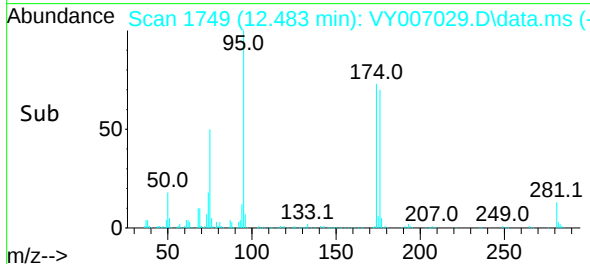
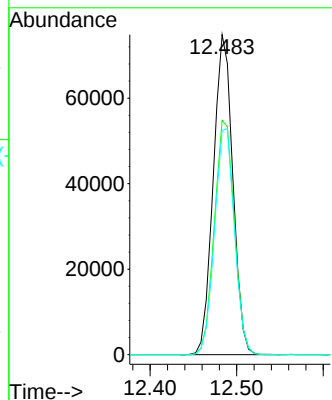
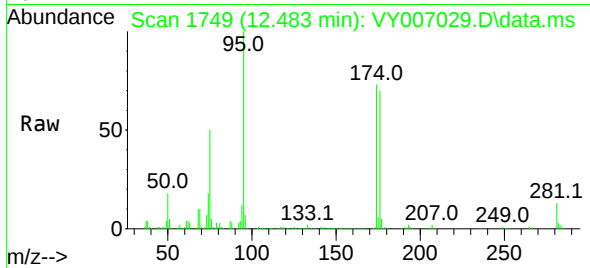




#62
4-Bromofluorobenzene
Concen: 49.814 ug/l
RT: 12.483 min Scan# 117070
Delta R.T. -0.000 min
Lab File: VY007029.D
Acq: 06 Jan 2022 13:56

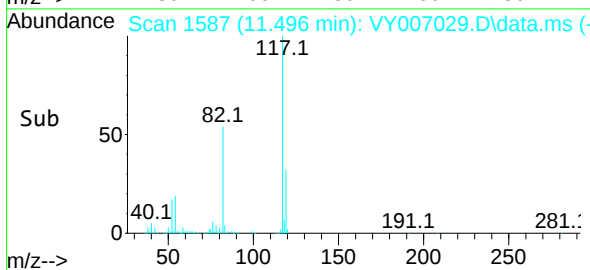
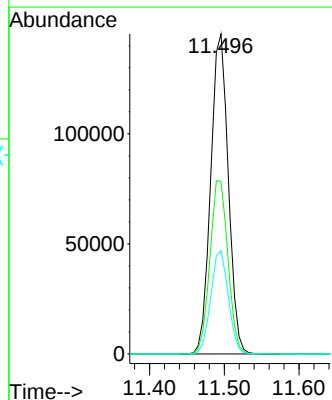
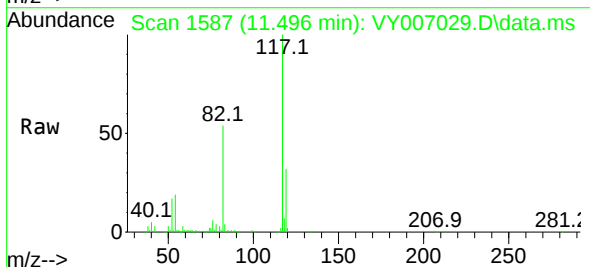
Instrument :
MSVOA_Y
ClientSampleId :

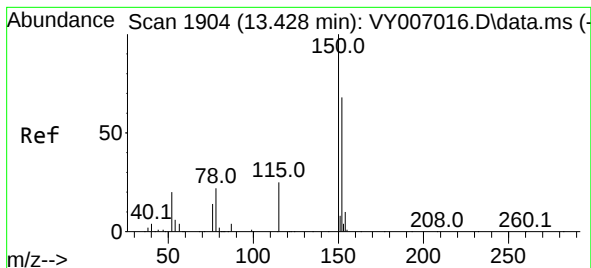
Tgt Ion: 95 Resp: 117070
Ion Ratio Lower Upper
95 100
174 75.3 0.0 144.6
176 72.1 0.0 141.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY007029.D
Acq: 06 Jan 2022 13:56

Tgt Ion: 117 Resp: 237635
Ion Ratio Lower Upper
117 100
82 54.0 44.1 66.1
119 32.3 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min MSVOA_Y

Lab File: VY007029.D

Acq: 06 Jan 2022 13:56

Instrument :

MSVOA_Y

ClientSampleId :

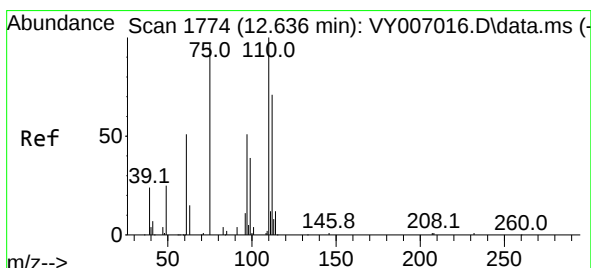
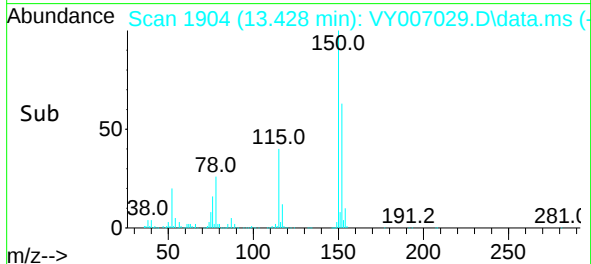
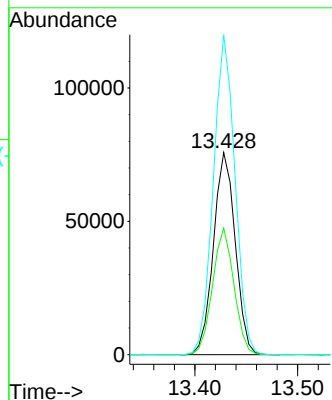
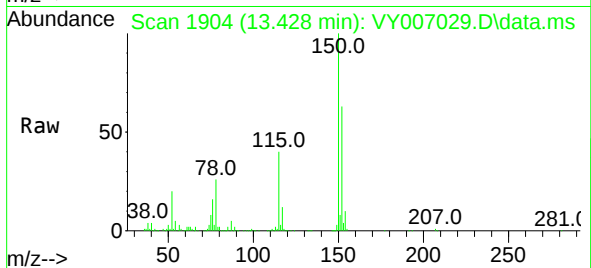
Tgt Ion:152 Resp: 111573

Ion Ratio Lower Upper

152 100

115 61.6 31.9 95.5

150 157.1 0.0 358.0



#76

1,2,3-Trichloropropane

Concen: 42.611 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY007029.D

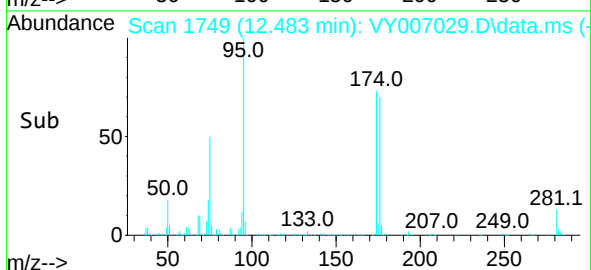
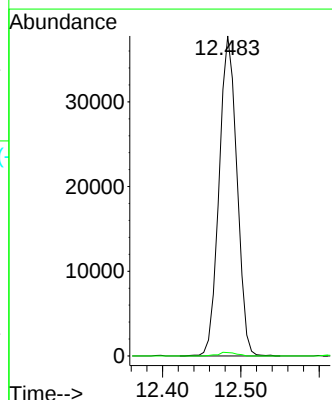
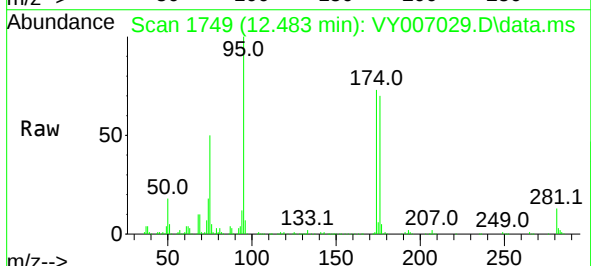
Acq: 06 Jan 2022 13:56

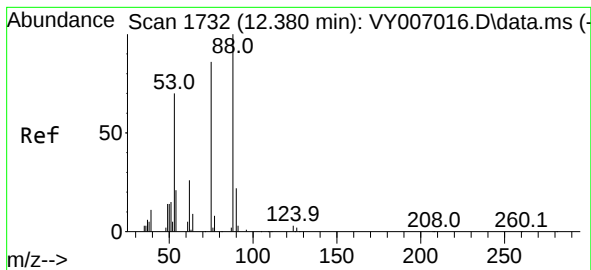
Tgt Ion: 75 Resp: 59885

Ion Ratio Lower Upper

75 100

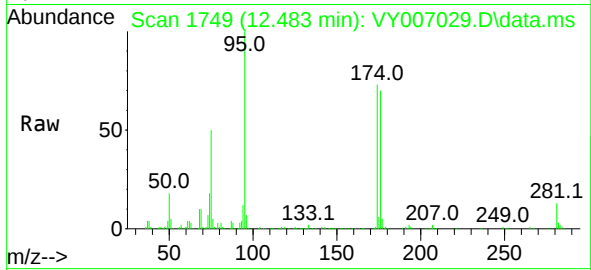
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.827 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007029.D
 Acq: 06 Jan 2022 13:56

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 59885
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.2 108.4#
 89 0.4 0.0 0.0#

