

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009028.D
 Acq On : 24 May 2022 00:27
 Operator : KP/MD
 Sample : N2948-06
 Misc : 5.93g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P035-SS001-1218-01

Quant Time: May 24 01:53:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

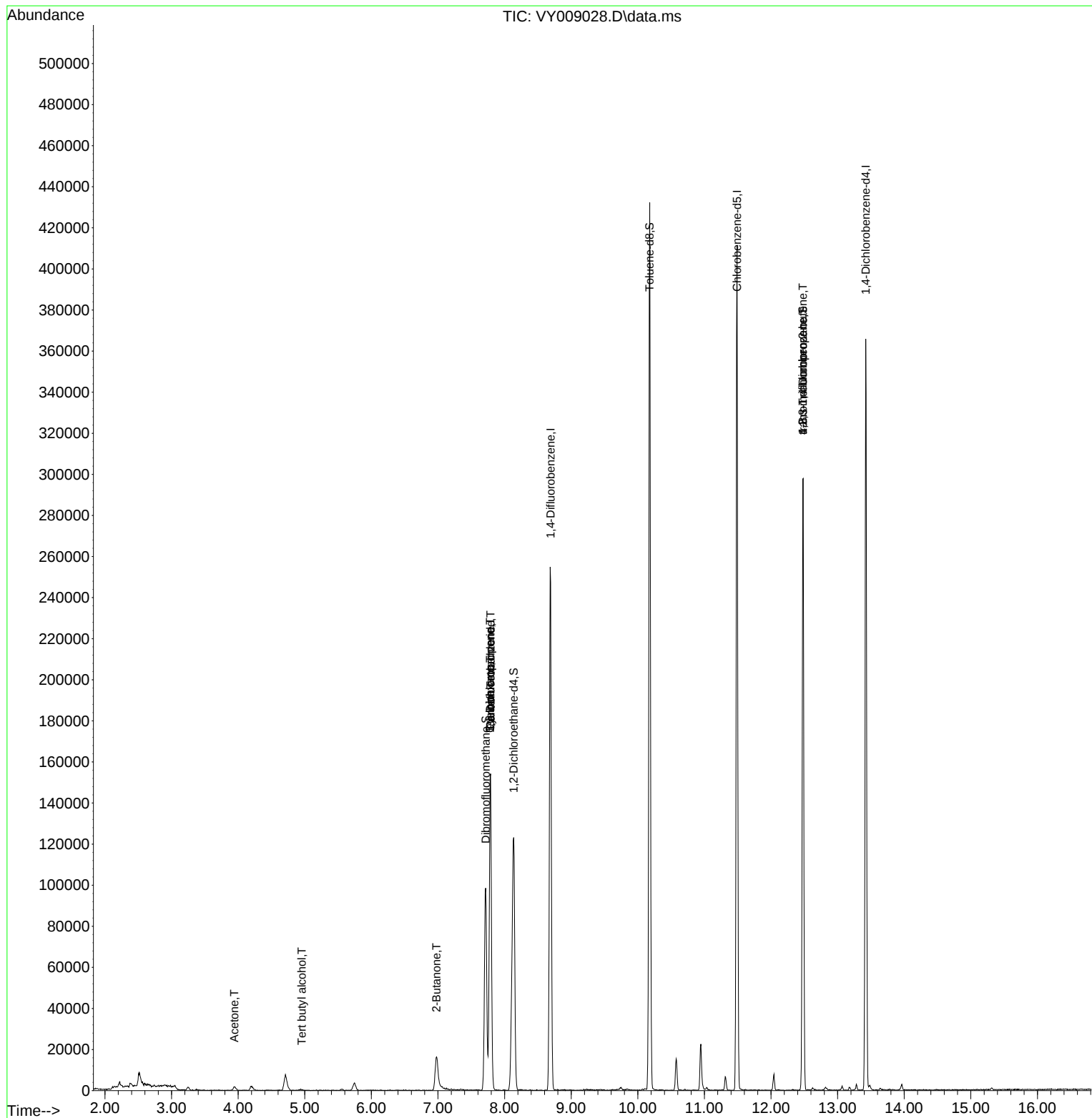
Internal Standards						
1) Pentafluorobenzene	7.789	168	117178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	215123	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	205156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	88786	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	75390	62.514	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.020%			
35) Dibromofluoromethane	7.716	113	68233	51.007	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.020%			
50) Toluene-d8	10.179	98	268601	54.427	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.860%			
62) 4-Bromofluorobenzene	12.477	95	78598	39.482	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 78.960%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.954	59	468	3.826	ug/l #	77
16) Acetone	3.942	43	3011	11.994	ug/l #	85
20) Methylene Chloride	4.716	84	5440	Below Cal	#	76
25) 2-Butanone	6.978	43	1034	2.306	ug/l #	86
31) Cyclohexane	7.783	56	2873	1.218	ug/l #	24
36) 1,1-Dichloropropene	7.783	75	10475	4.601	ug/l #	51
38) Carbon Tetrachloride	7.789	117	11787	4.949	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	45557	47.781	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	45557	98.071	ug/l #	7

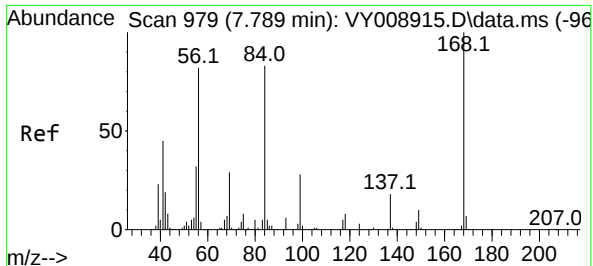
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
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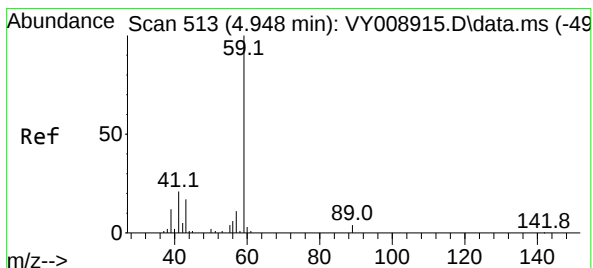
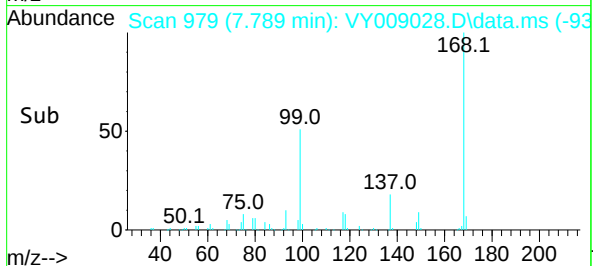
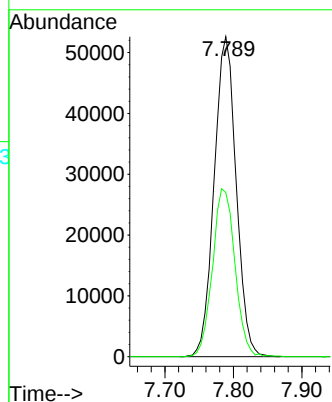
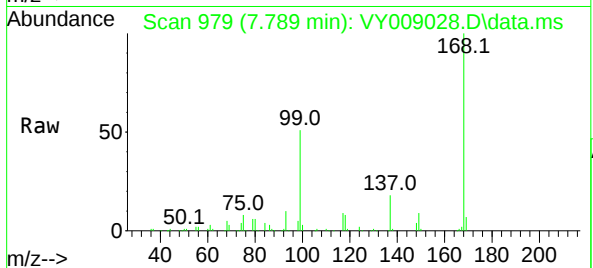




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009028.D
Acq: 24 May 2022 00:27

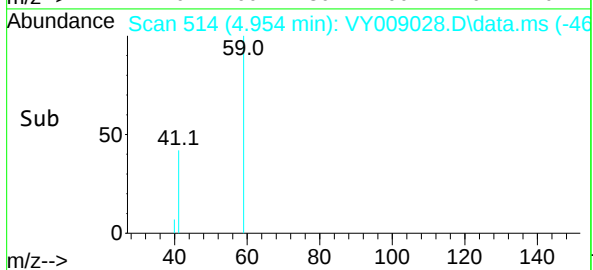
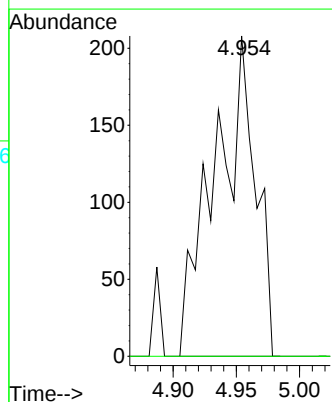
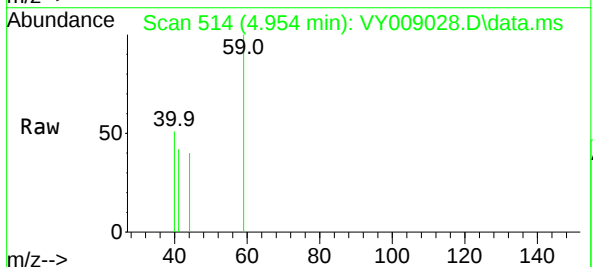
Instrument :
MSVOA_Y
ClientSampleId :
P035-SS001-1218-01

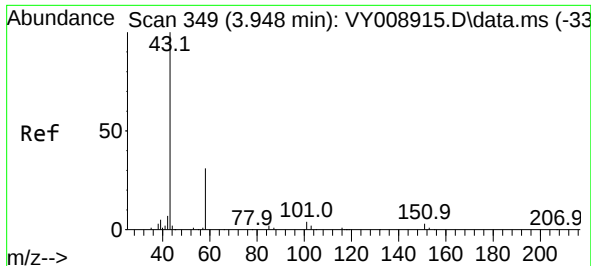
Tgt Ion:168 Resp: 117178
Ion Ratio Lower Upper
168 100
99 51.3 46.9 70.3



#11
Tert butyl alcohol
Concen: 3.826 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY009028.D
Acq: 24 May 2022 00:27

Tgt Ion: 59 Resp: 468
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

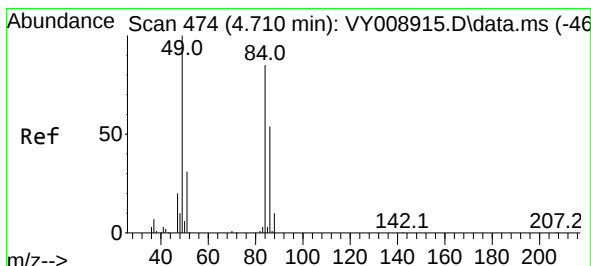
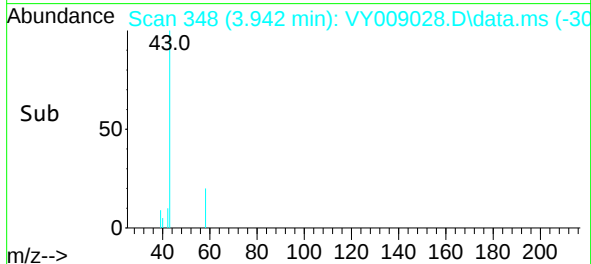
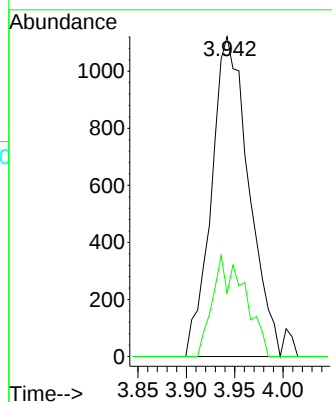
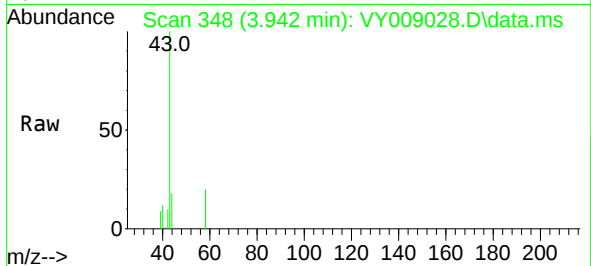




#16
Acetone
Concen: 11.994 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY009028.D
Acq: 24 May 2022 00:27

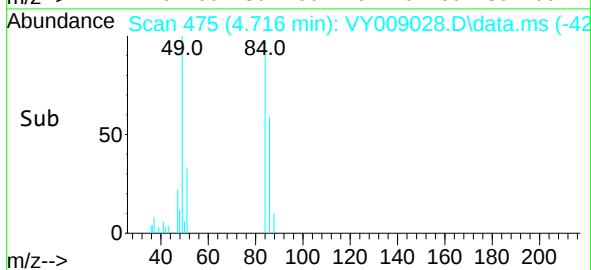
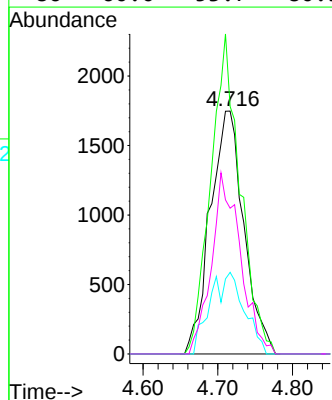
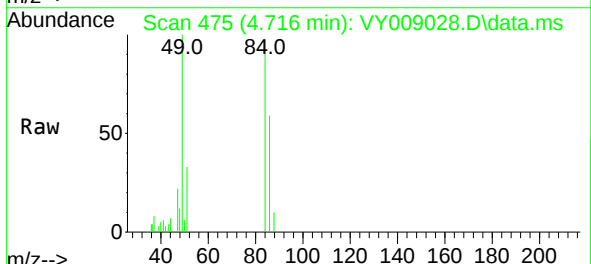
Instrument :
MSVOA_Y
ClientSampleId :
P035-SS001-1218-01

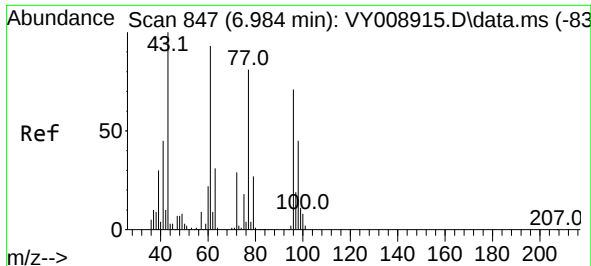
Tgt Ion: 43 Resp: 3011
Ion Ratio Lower Upper
43 100
58 19.8 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY009028.D
Acq: 24 May 2022 00:27

Tgt Ion: 84 Resp: 5440
Ion Ratio Lower Upper
84 100
49 101.9 114.4 171.6#
51 33.6 35.3 52.9#
86 60.0 53.7 80.5





#25

2-Butanone

Concen: 2.306 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY009028.D

Acq: 24 May 2022 00:27

Instrument :

MSVOA_Y

ClientSampleId :

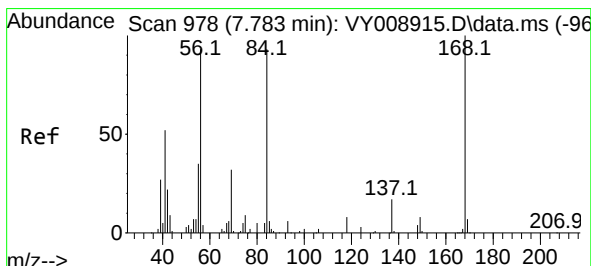
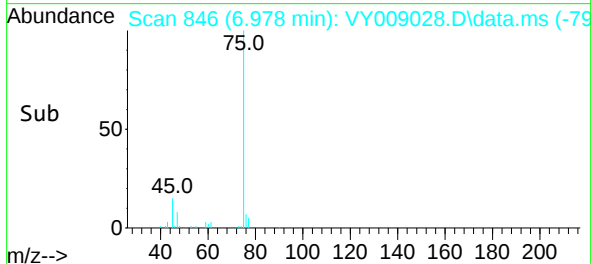
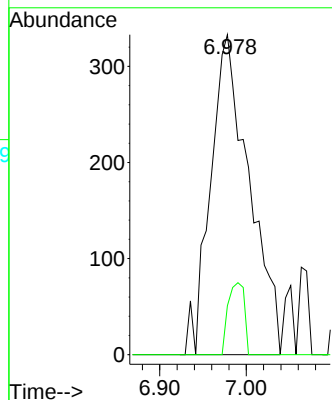
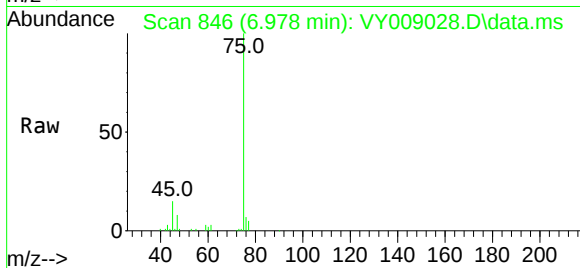
P035-SS001-1218-01

Tgt Ion: 43 Resp: 1034

Ion Ratio Lower Upper

43 100

72 15.3 17.7 26.5#



#31

Cyclohexane

Concen: 1.218 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY009028.D

Acq: 24 May 2022 00:27

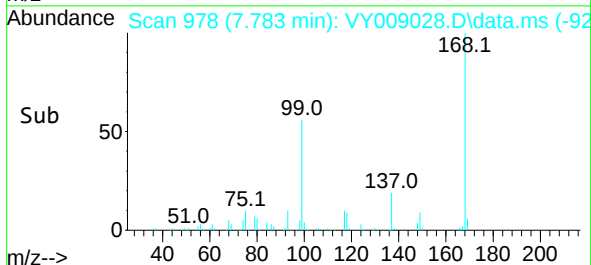
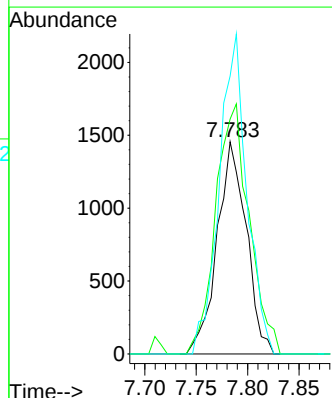
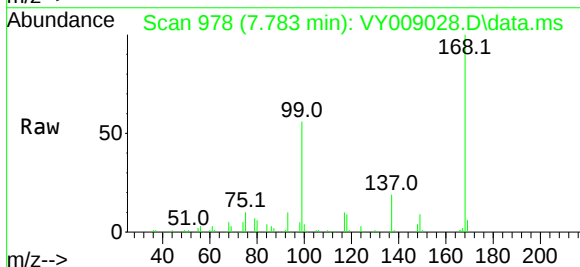
Tgt Ion: 56 Resp: 2873

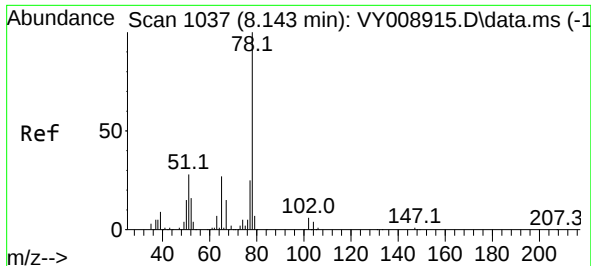
Ion Ratio Lower Upper

56 100

69 110.7 26.7 40.1#

84 131.0 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 62.514 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY009028.D

Acq: 24 May 2022 00:27

Instrument :

MSVOA_Y

ClientSampleId :

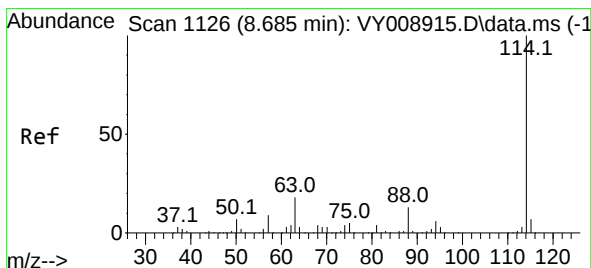
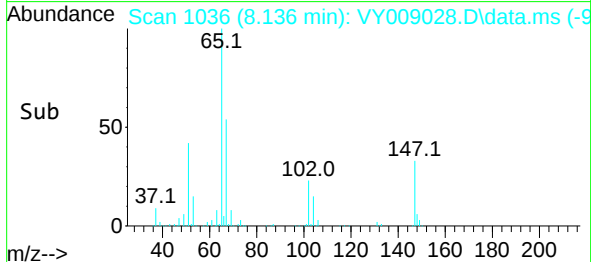
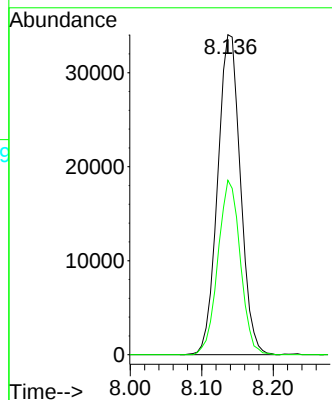
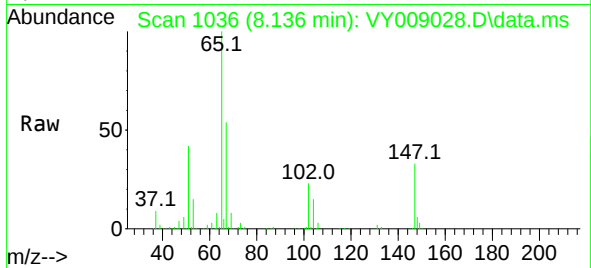
P035-SS001-1218-01

Tgt Ion: 65 Resp: 75390

Ion Ratio Lower Upper

65 100

67 53.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY009028.D

Acq: 24 May 2022 00:27

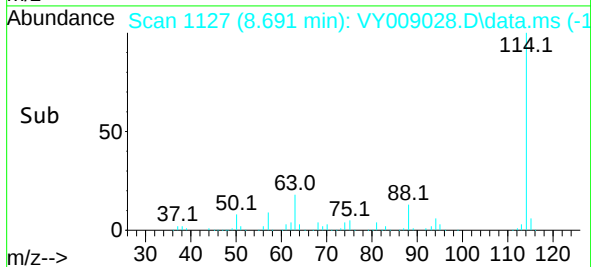
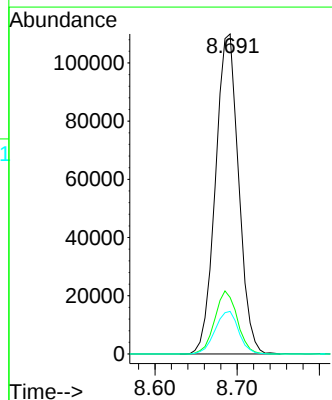
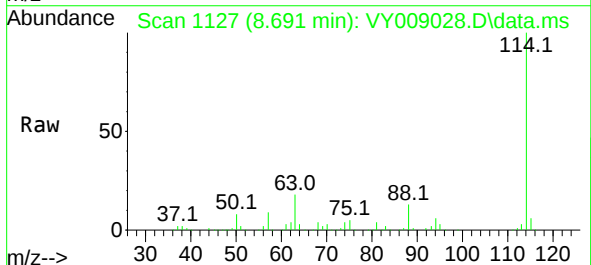
Tgt Ion: 114 Resp: 215123

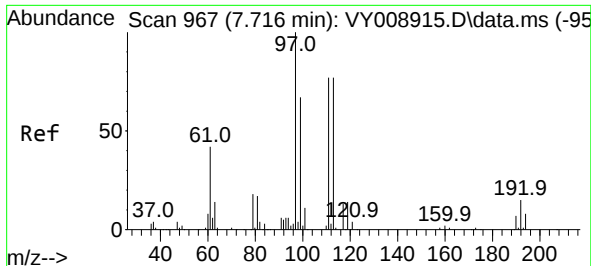
Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 13.3 0.0 31.8

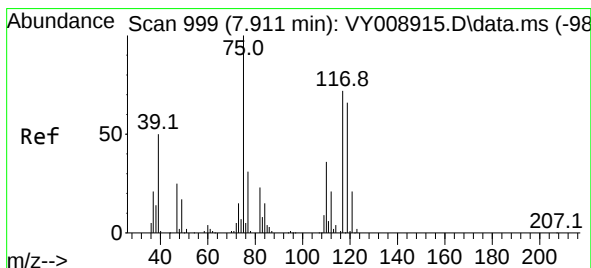
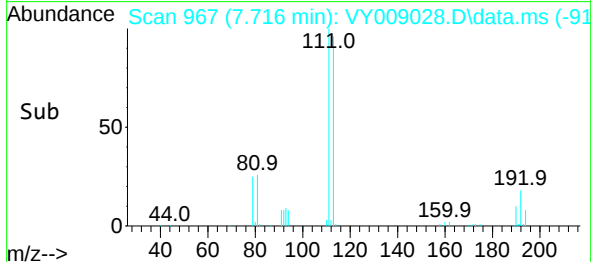
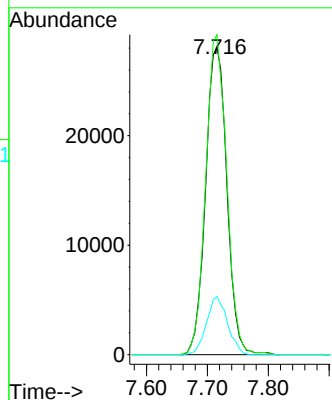
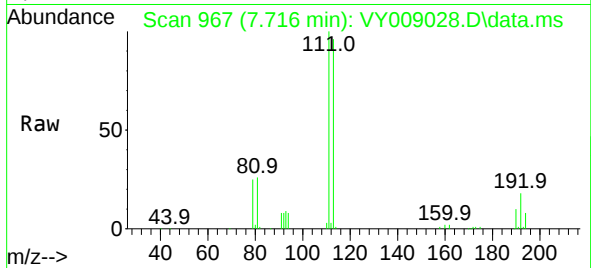




#35
Dibromofluoromethane
Concen: 51.007 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY009028.D
Acq: 24 May 2022 00:27

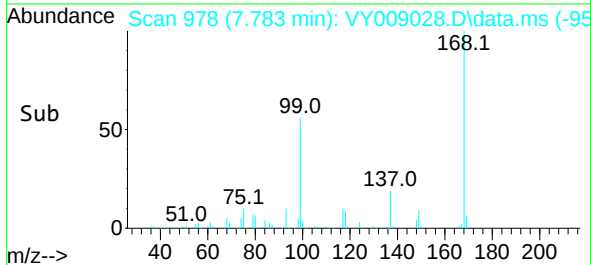
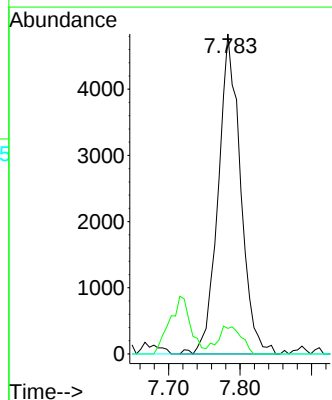
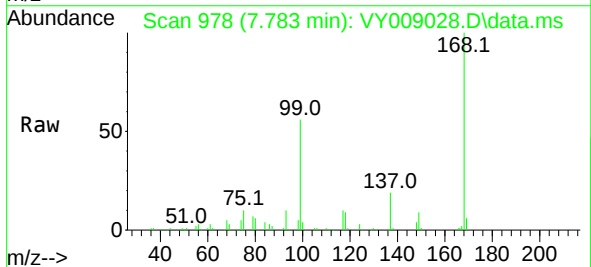
Instrument :
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ClientSampleId :
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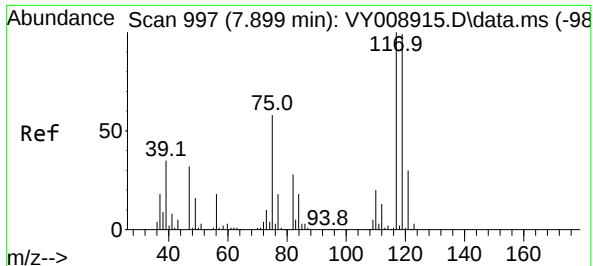
Tgt Ion:113 Resp: 68233
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 18.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.601 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009028.D
Acq: 24 May 2022 00:27

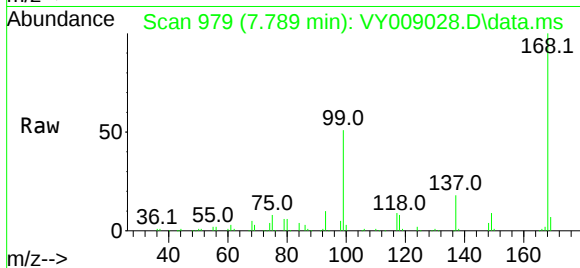
Tgt Ion: 75 Resp: 10475
Ion Ratio Lower Upper
75 100
110 9.1 17.1 51.2#
77 0.0 24.4 36.6#



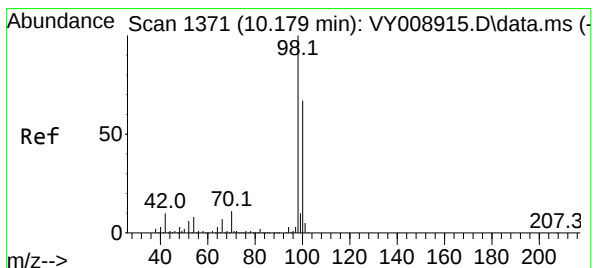
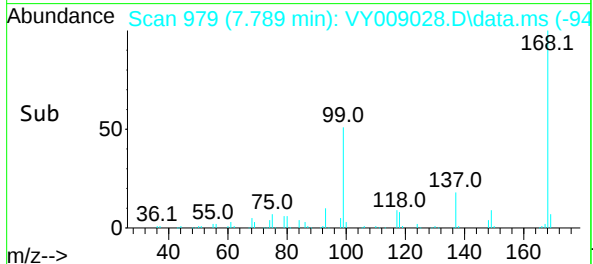
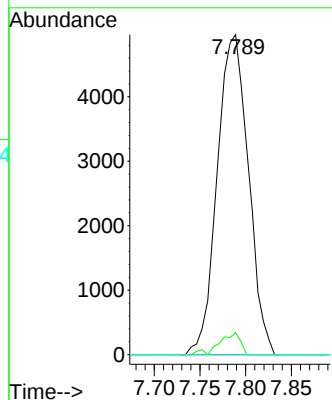


#38
Carbon Tetrachloride
Concen: 4.949 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009028.D
Acq: 24 May 2022 00:27

Instrument :
MSVOA_Y
ClientSampleId :
P035-SS001-1218-01

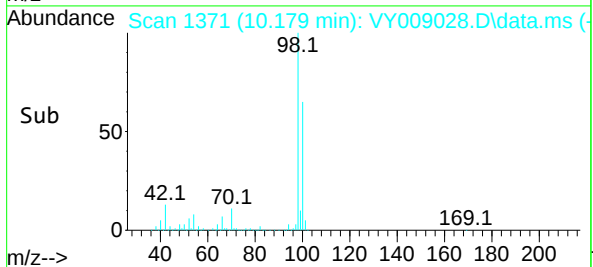
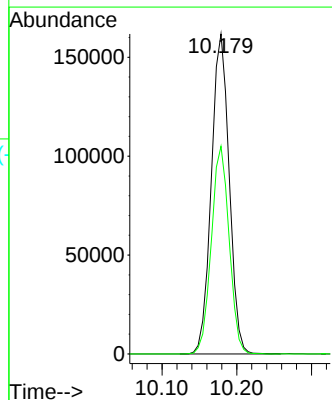
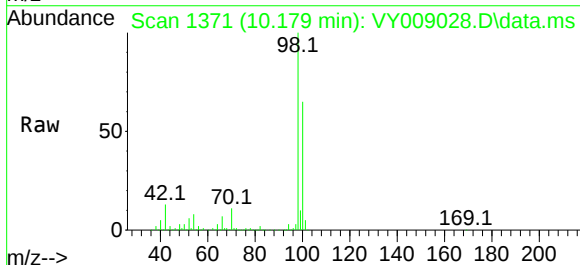


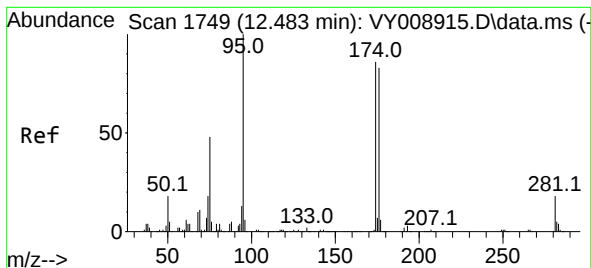
Tgt Ion:117 Resp: 11787
Ion Ratio Lower Upper
117 100
119 6.9 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.427 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009028.D
Acq: 24 May 2022 00:27

Tgt Ion: 98 Resp: 268601
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

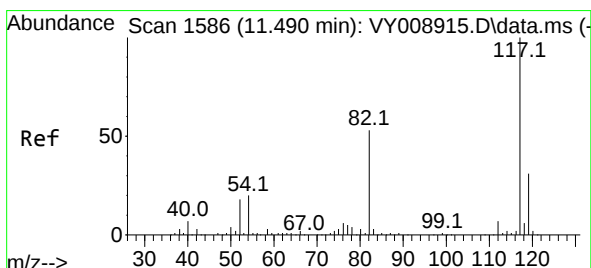
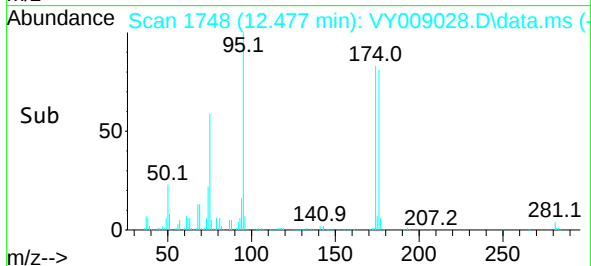
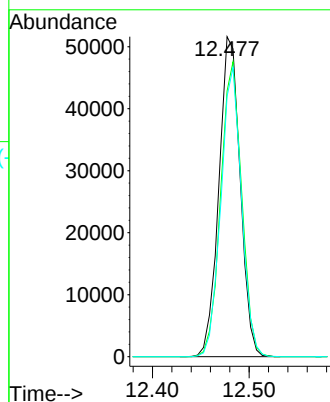
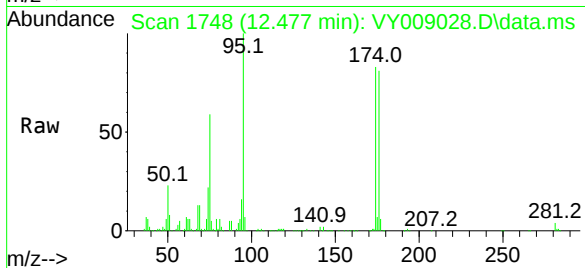




#62
4-Bromofluorobenzene
Concen: 39.482 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009028.D
Acq: 24 May 2022 00:27

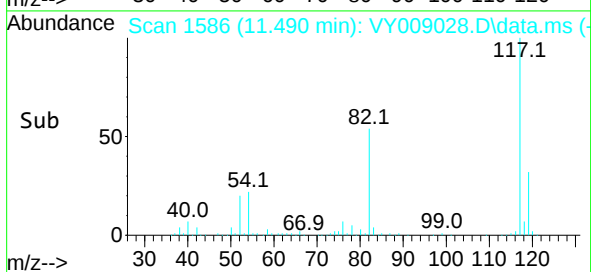
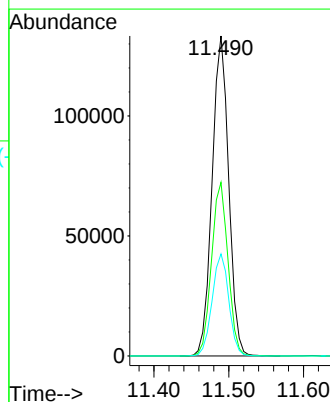
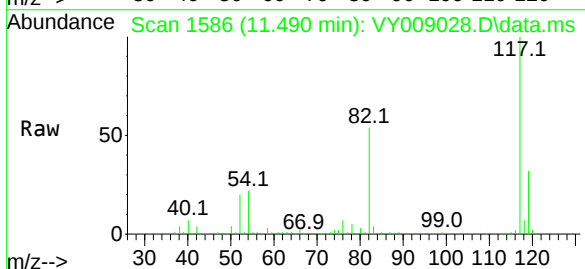
Instrument :
MSVOA_Y
ClientSampleId :
P035-SS001-1218-01

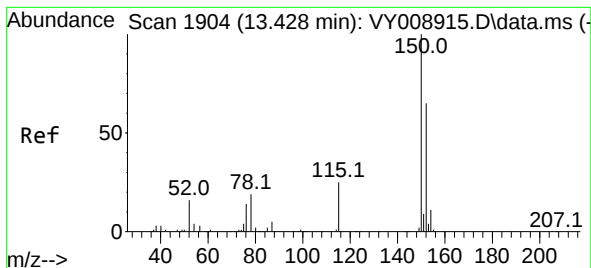
Tgt Ion: 95 Resp: 78598
Ion Ratio Lower Upper
95 100
174 90.9 0.0 177.0
176 87.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009028.D
Acq: 24 May 2022 00:27

Tgt Ion: 117 Resp: 205156
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.4
119 31.9 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY009028.D

Acq: 24 May 2022 00:27

Instrument :

MSVOA_Y

ClientSampleId :

P035-SS001-1218-01

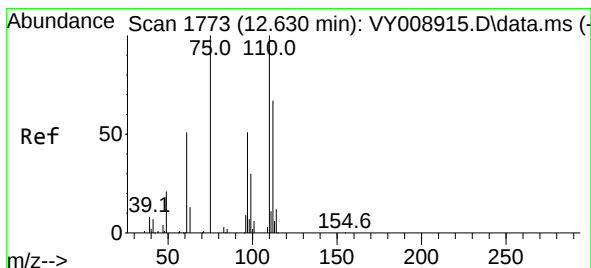
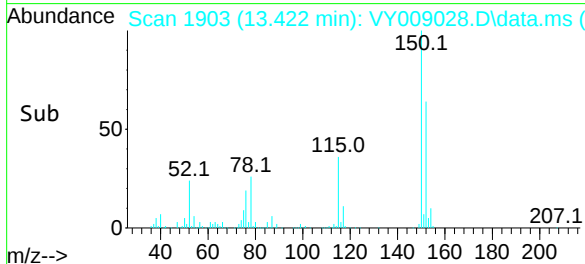
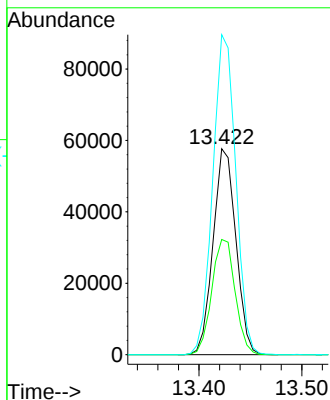
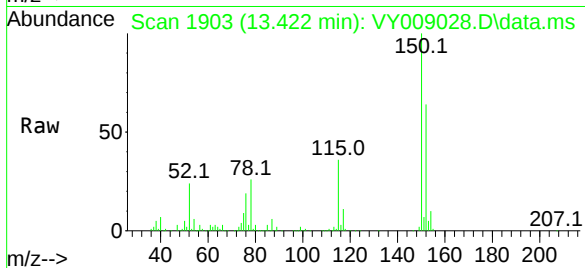
Tgt Ion:152 Resp: 88786

Ion Ratio Lower Upper

152 100

115 57.3 28.2 84.7

150 156.8 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 47.781 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY009028.D

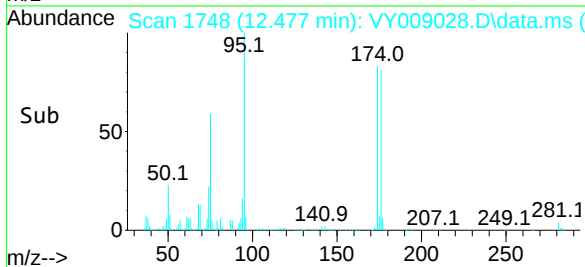
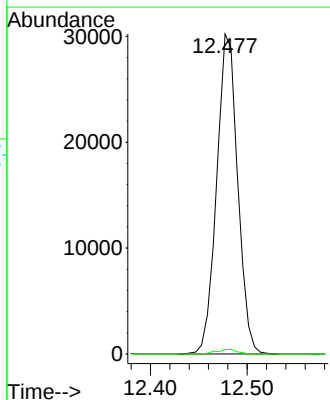
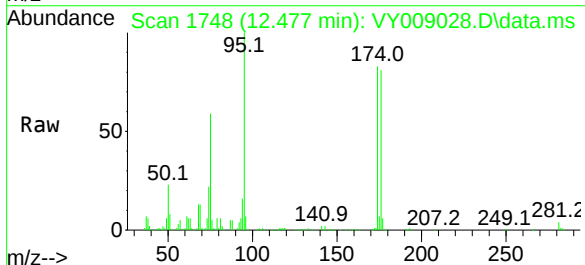
Acq: 24 May 2022 00:27

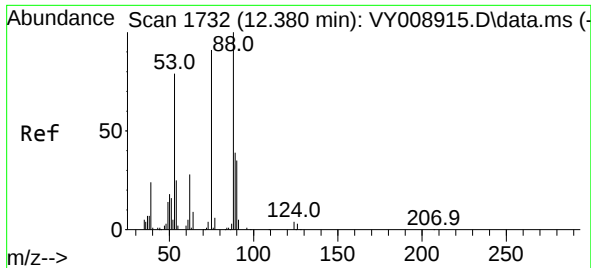
Tgt Ion: 75 Resp: 45557

Ion Ratio Lower Upper

75 100

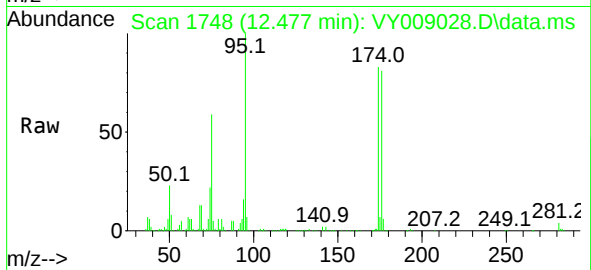
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.071 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY009028.D
 Acq: 24 May 2022 00:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 P035-SS001-1218-01



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.1	37.0	55.4#

