

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051322\
 Data File : VY008752.D
 Acq On : 13 May 2022 16:25
 Operator : KP/MD
 Sample : N2781-17
 Misc : 7.13g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P018-SS001-0006-01

Quant Time: May 16 05:53:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051222S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 13 02:08:33 2022
 Response via : Initial Calibration

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

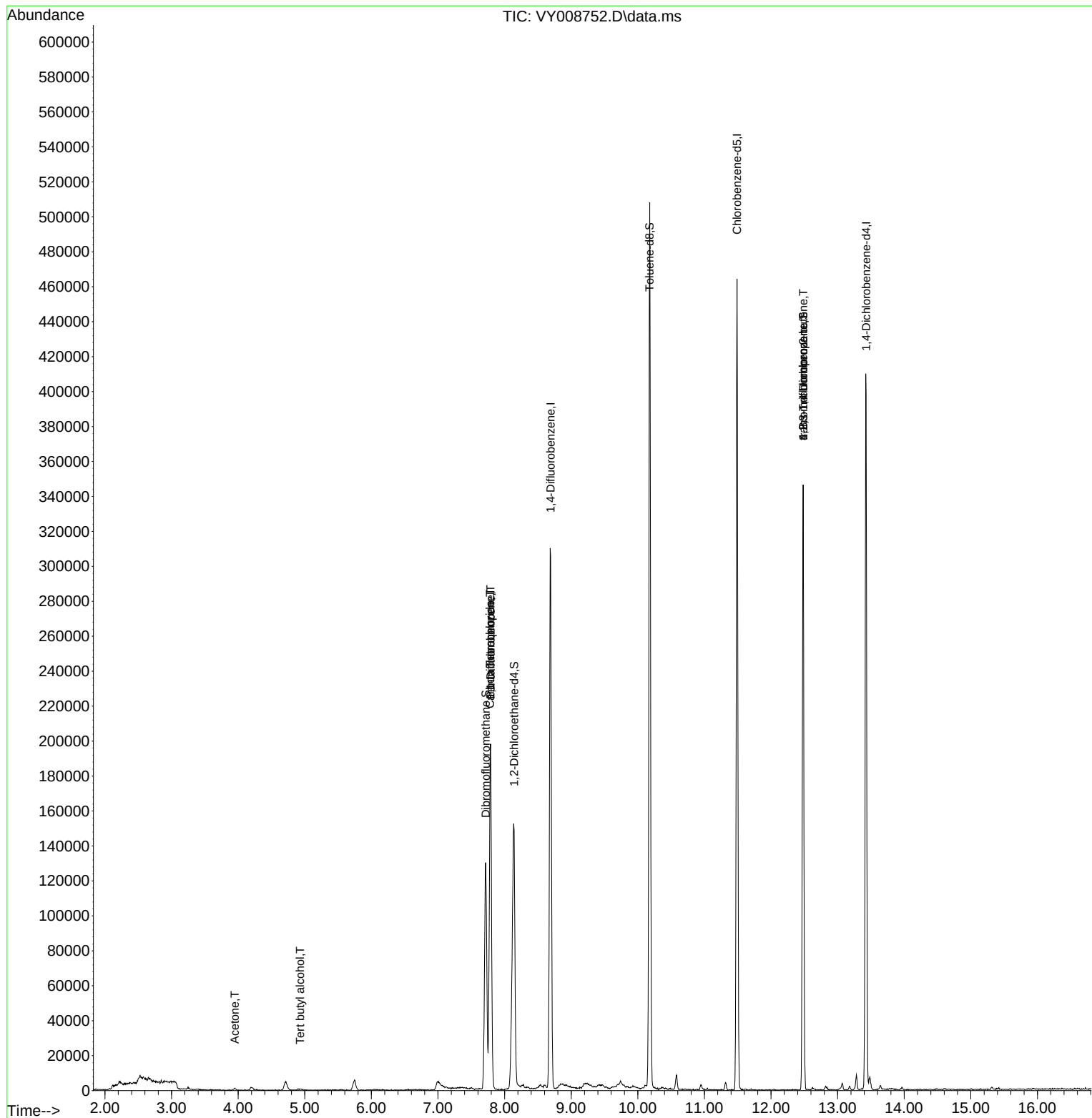
Internal Standards						
1) Pentafluorobenzene	7.789	168	150166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	268764	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	244086	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	104349	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	98811	66.072	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.140%	
35) Dibromofluoromethane	7.715	113	88740	55.012	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.020%	
50) Toluene-d8	10.178	98	324523	53.346	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.700%	
62) 4-Bromofluorobenzene	12.483	95	94698	44.930	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.860%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	695	Below Cal	#	73
4) Vinyl Chloride	2.241	62	197	Below Cal	#	41
5) Bromomethane	2.661	94	980	Below Cal		83
6) Chloroethane	2.735	64	24	Below Cal	#	42
11) Tert butyl alcohol	4.929	59	969	2.782	ug/l #	76
16) Acetone	3.948	43	1613	1.902	ug/l #	55
18) Methyl Acetate	4.588	43	33	Below Cal	#	49
20) Methylene Chloride	4.704	84	3754	Below Cal		88
31) Cyclohexane	7.789	56	3668	Below Cal	#	52
36) 1,1-Dichloropropene	7.789	75	13120	5.087	ug/l #	49
38) Carbon Tetrachloride	7.782	117	15805	5.807	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	53814	51.249	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	53814	99.008	ug/l #	16

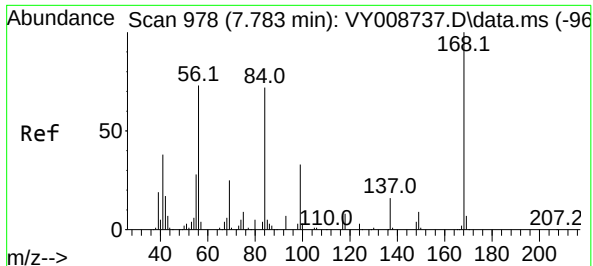
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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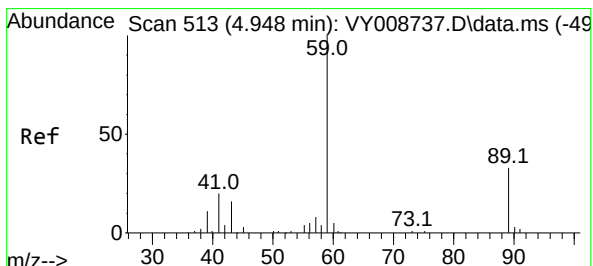
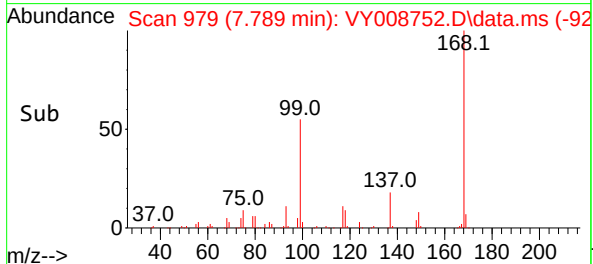
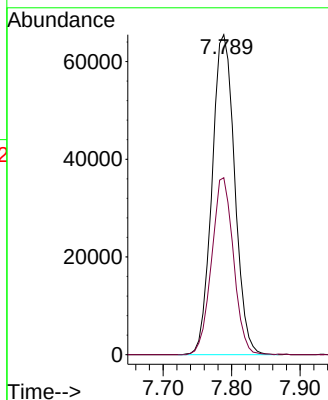
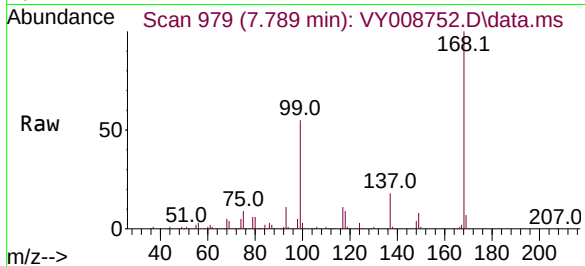




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008752.D
Acq: 13 May 2022 16:25

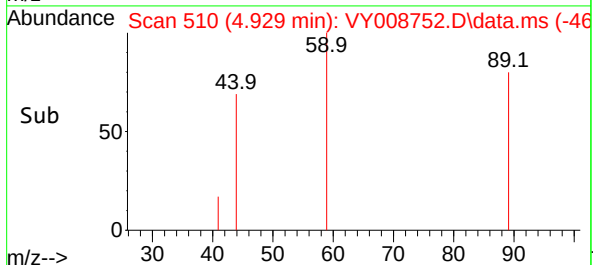
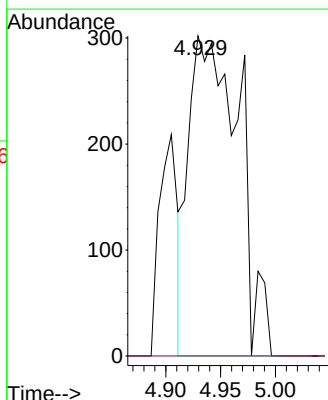
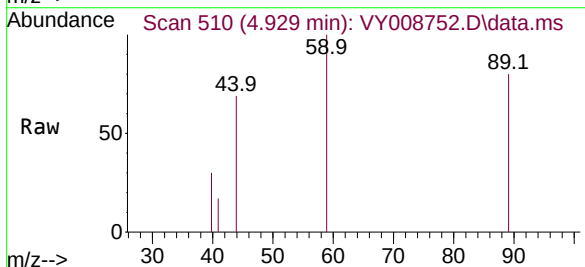
Instrument :
MSVOA_Y
ClientSampleId :
P018-SS001-0006-01

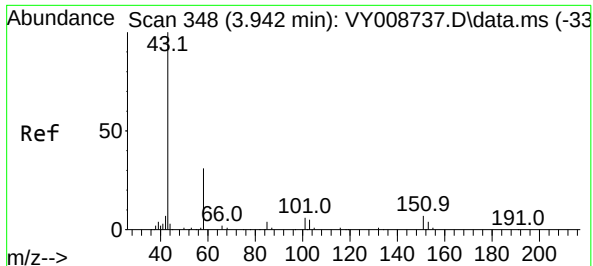
Tgt Ion:168 Resp: 150166
Ion Ratio Lower Upper
168 100
99 55.3 42.3 63.5



#11
Tert butyl alcohol
Concen: 2.782 ug/l
RT: 4.929 min Scan# 510
Delta R.T. -0.019 min
Lab File: VY008752.D
Acq: 13 May 2022 16:25

Tgt Ion: 59 Resp: 969
Ion Ratio Lower Upper
59 100
57 0.0 6.7 10.1#

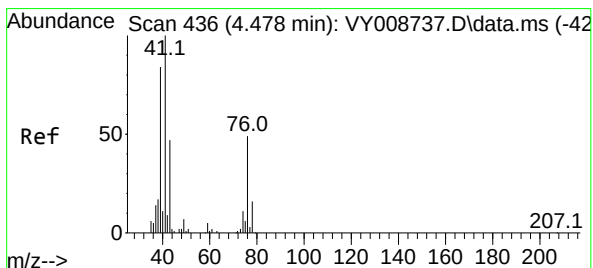
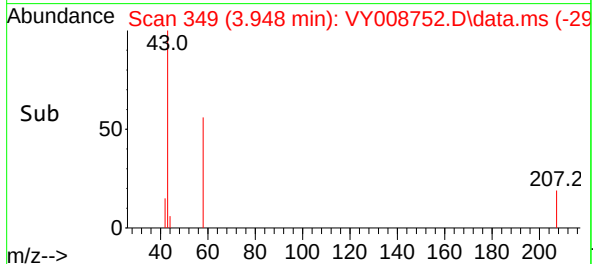
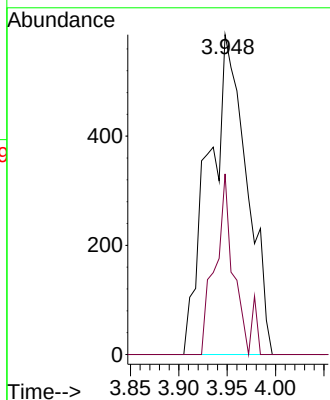
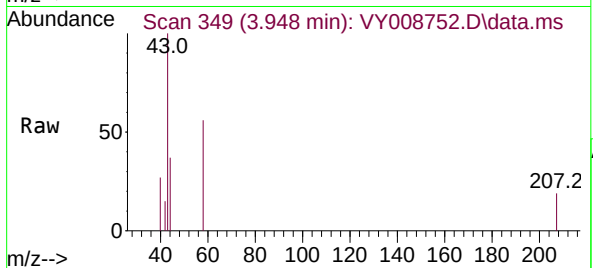




#16
Acetone
Concen: 1.902 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY008752.D
Acq: 13 May 2022 16:25

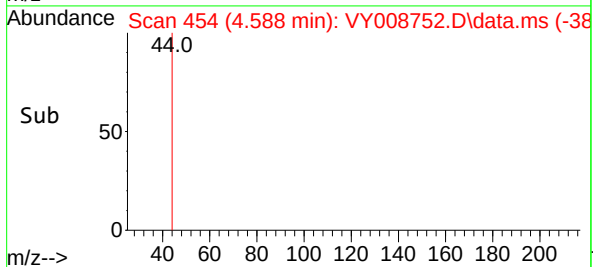
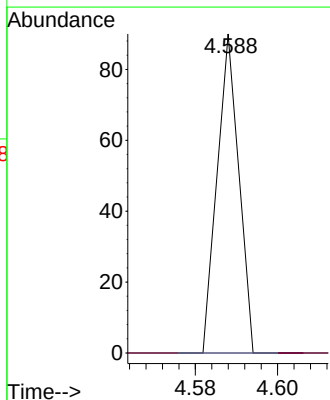
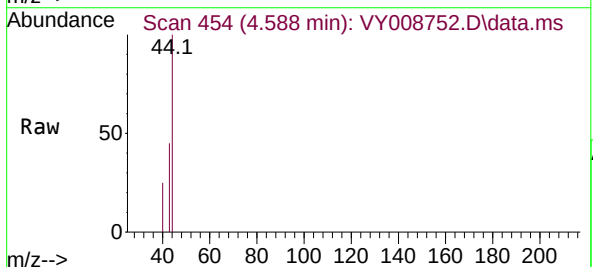
Instrument :
MSVOA_Y
ClientSampleId :
P018-SS001-0006-01

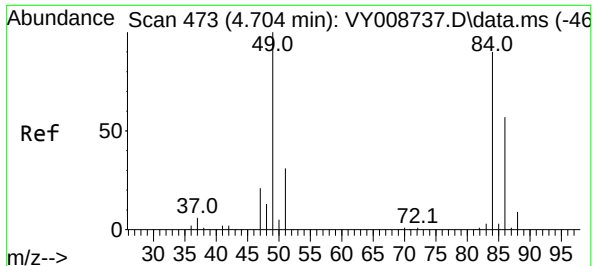
Tgt Ion: 43 Resp: 1613
Ion Ratio Lower Upper
43 100
58 56.5 25.1 37.7#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.588 min Scan# 454
Delta R.T. 0.110 min
Lab File: VY008752.D
Acq: 13 May 2022 16:25

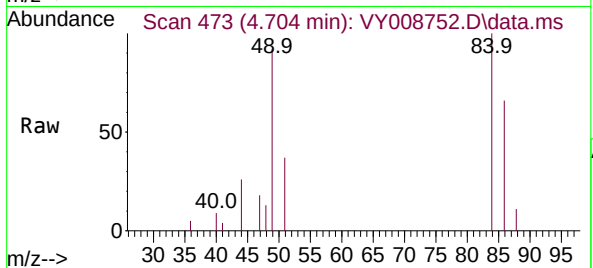
Tgt Ion: 43 Resp: 33
Ion Ratio Lower Upper
43 100
74 0.0 20.6 31.0#



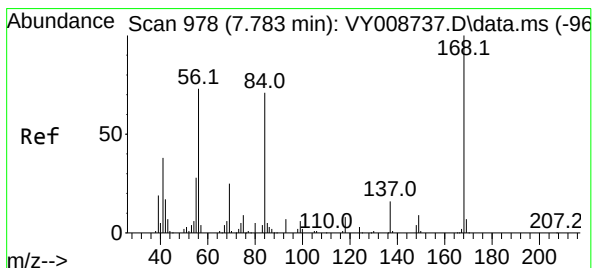
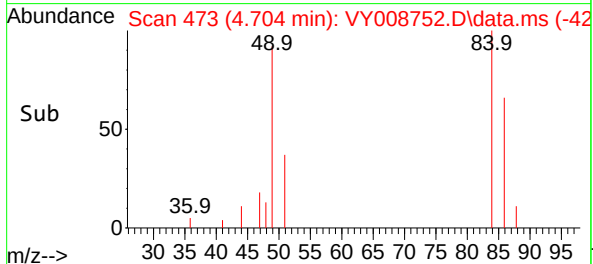
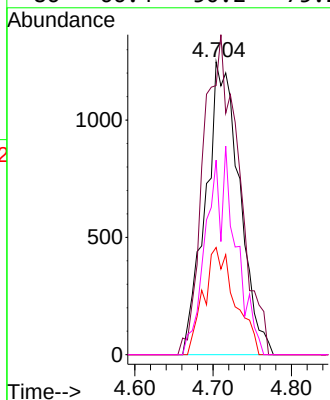


#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY008752.D
Acq: 13 May 2022 16:25

Instrument :
MSVOA_Y
ClientSampleId :
P018-SS001-0006-01

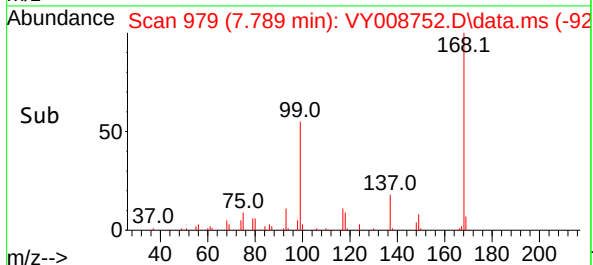
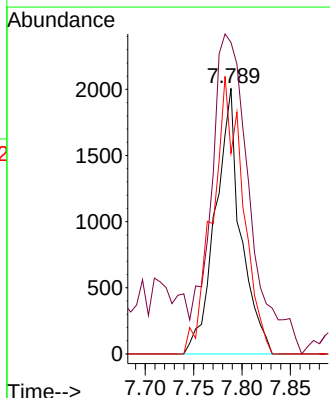
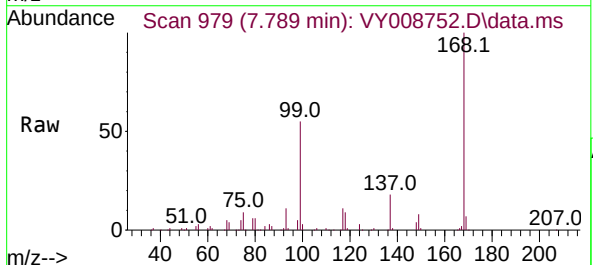


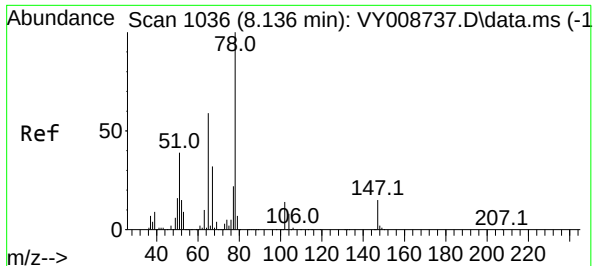
Tgt Ion:	84	Resp:	3754
Ion	Ratio	Lower	Upper
84	100		
49	91.9	88.6	133.0
51	36.6	27.4	41.0
86	66.4	50.2	75.2



#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY008752.D
Acq: 13 May 2022 16:25

Tgt Ion:	56	Resp:	3668
Ion	Ratio	Lower	Upper
56	100		
69	104.5	27.4	41.0#
84	75.5	77.5	116.3#





#33

1,2-Dichloroethane-d4

Concen: 66.072 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY008752.D

Acq: 13 May 2022 16:25

Instrument :

MSVOA_Y

ClientSampleId :

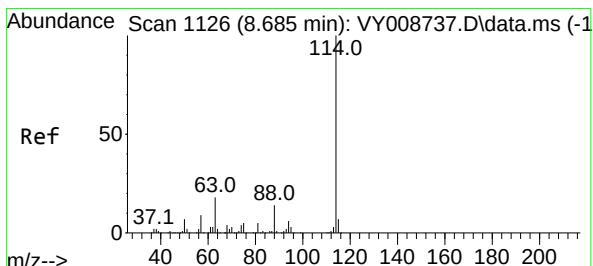
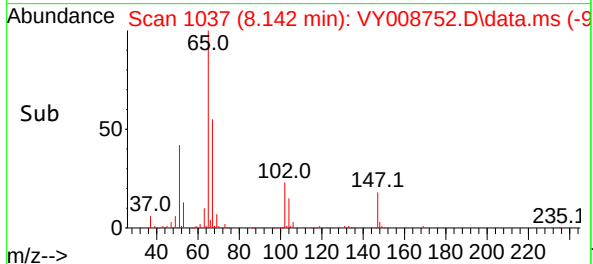
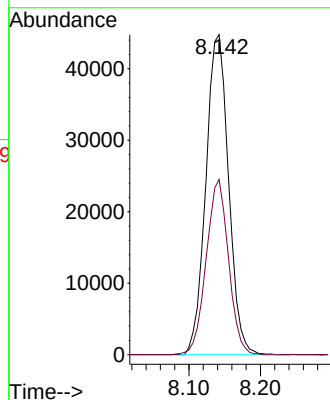
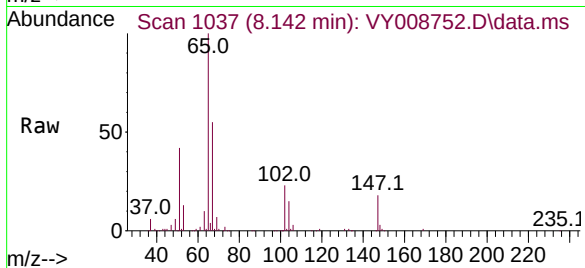
P018-SS001-0006-01

Tgt Ion: 65 Resp: 98811

Ion Ratio Lower Upper

65 100

67 53.7 0.0 110.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008752.D

Acq: 13 May 2022 16:25

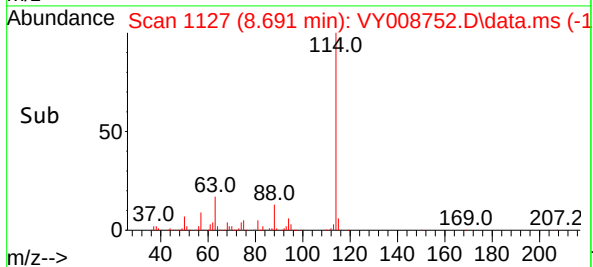
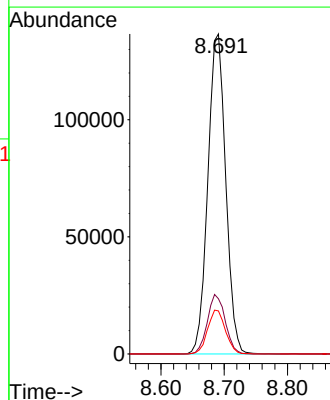
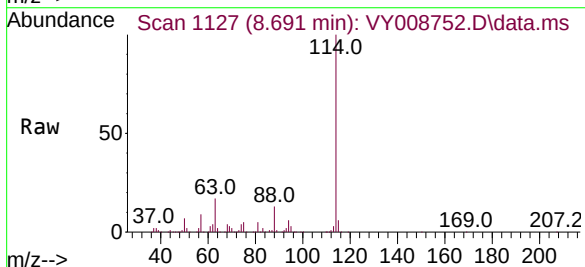
Tgt Ion:114 Resp: 268764

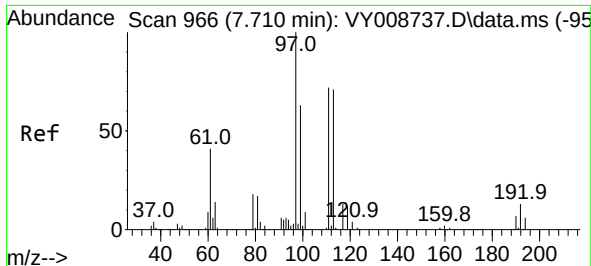
Ion Ratio Lower Upper

114 100

63 17.2 0.0 36.4

88 13.4 0.0 27.4

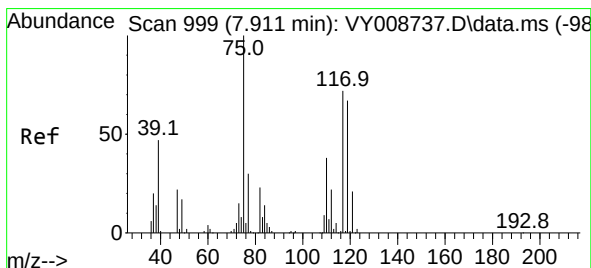
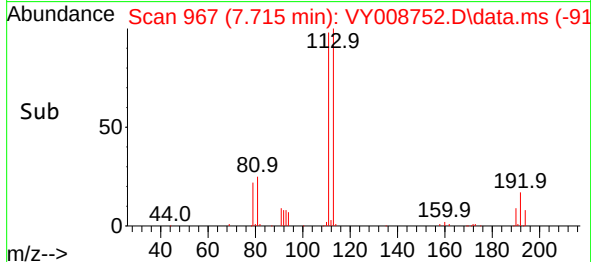
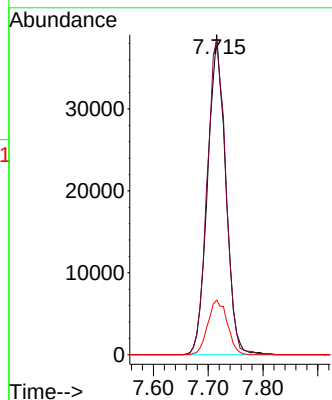
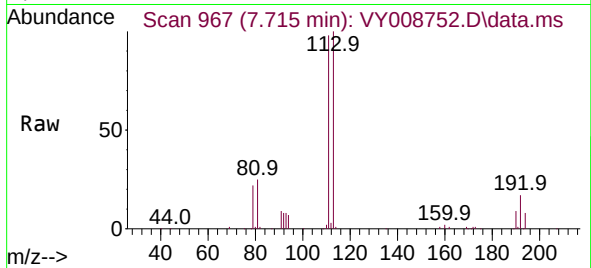




#35
Dibromofluoromethane
Concen: 55.012 ug/l
RT: 7.715 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008752.D
Acq: 13 May 2022 16:25

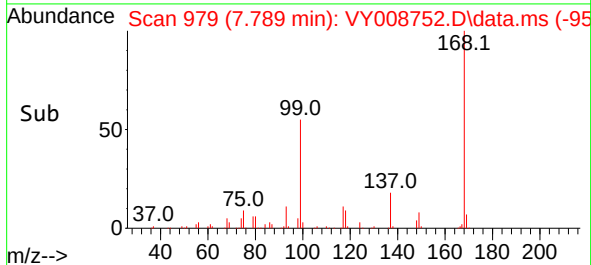
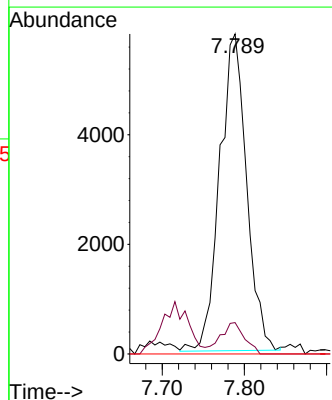
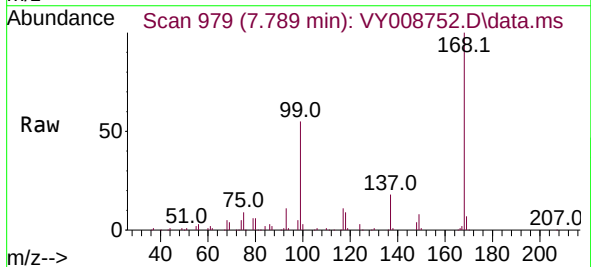
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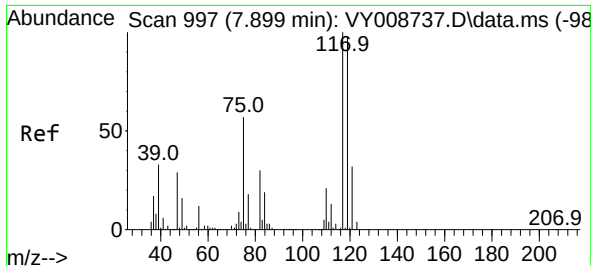
Tgt Ion:113 Resp: 88740
Ion Ratio Lower Upper
113 100
111 102.0 81.8 122.6
192 18.5 14.5 21.7



#36
1,1-Dichloropropene
Concen: 5.087 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY008752.D
Acq: 13 May 2022 16:25

Tgt Ion: 75 Resp: 13120
Ion Ratio Lower Upper
75 100
110 8.9 18.1 54.1#
77 0.0 24.3 36.5#

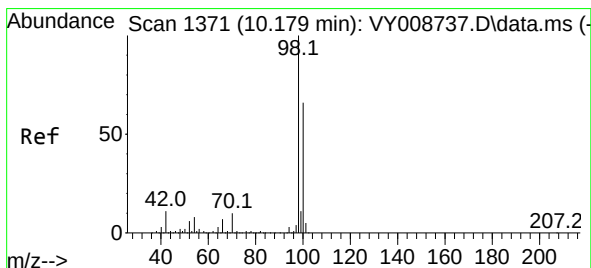
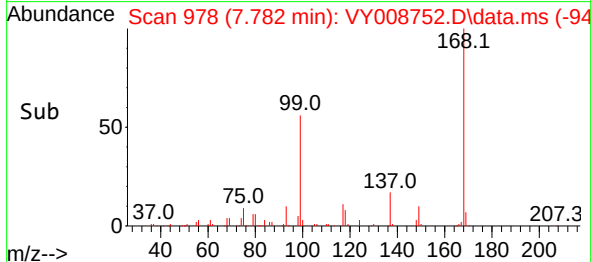
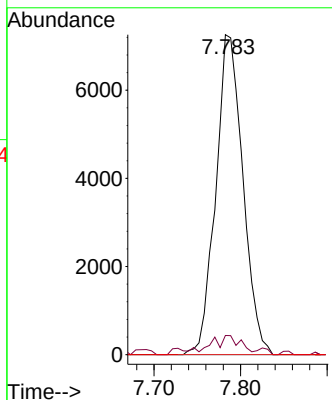
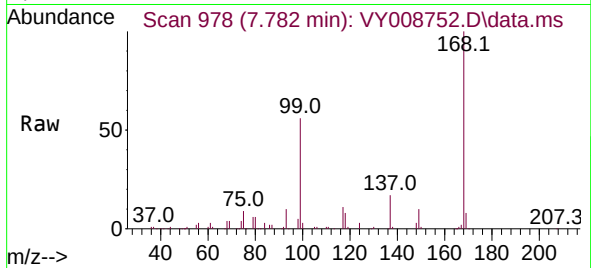




#38
Carbon Tetrachloride
Concen: 5.807 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY008752.D
Acq: 13 May 2022 16:25

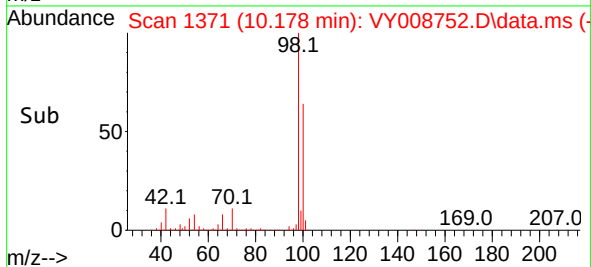
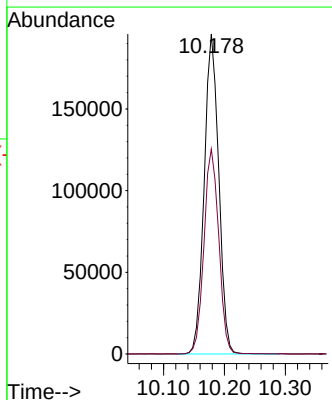
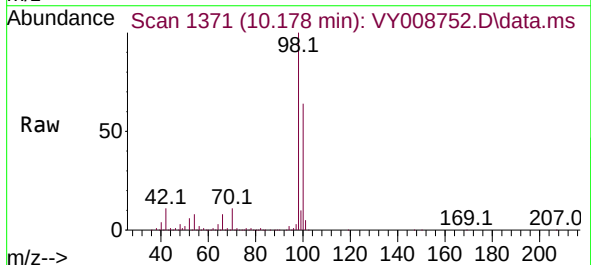
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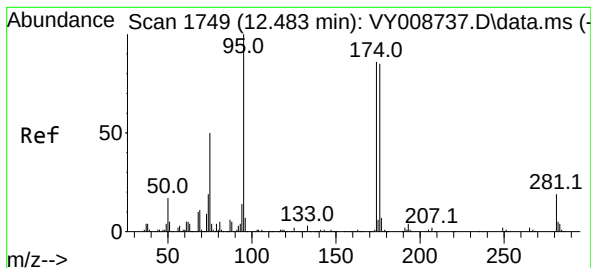
Tgt Ion:117 Resp: 15805
Ion Ratio Lower Upper
117 100
119 6.0 78.5 117.7#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 53.346 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008752.D
Acq: 13 May 2022 16:25

Tgt Ion: 98 Resp: 324523
Ion Ratio Lower Upper
98 100
100 65.0 52.8 79.2

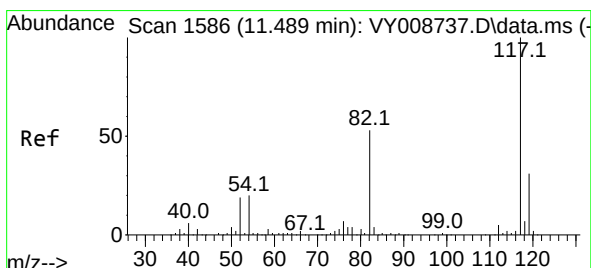
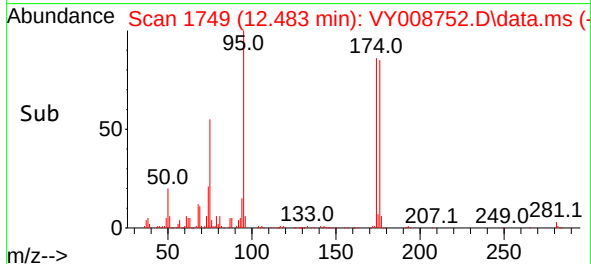
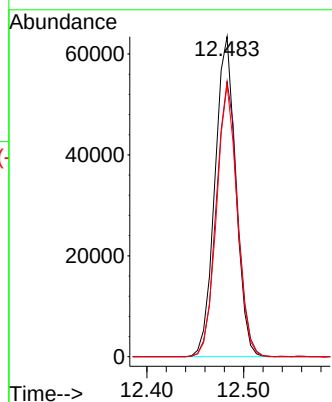
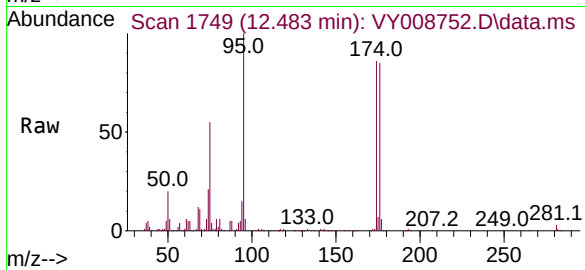




#62
4-Bromofluorobenzene
Concen: 44.930 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008752.D
Acq: 13 May 2022 16:25

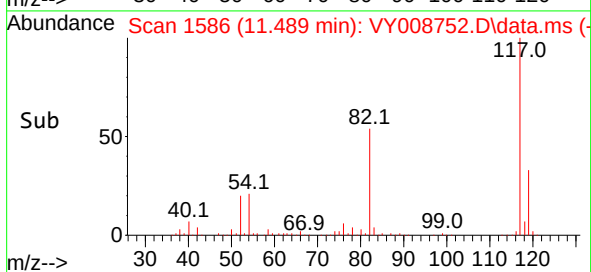
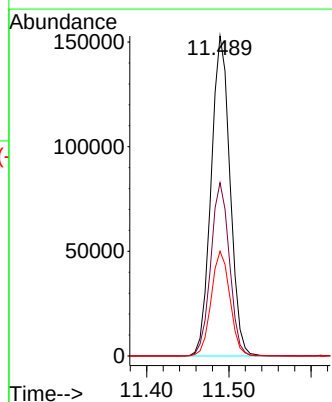
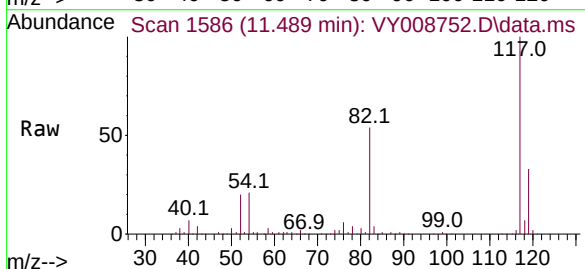
Instrument :
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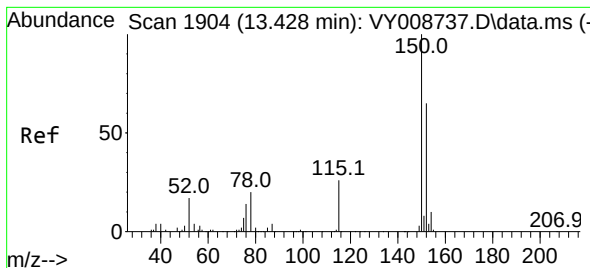
Tgt Ion: 95 Resp: 94698
Ion Ratio Lower Upper
95 100
174 88.1 0.0 171.2
176 84.2 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY008752.D
Acq: 13 May 2022 16:25

Tgt Ion: 117 Resp: 244086
Ion Ratio Lower Upper
117 100
82 54.2 42.3 63.5
119 32.7 24.6 37.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY008752.D

Acq: 13 May 2022 16:25

Instrument :

MSVOA_Y

ClientSampleId :

P018-SS001-0006-01

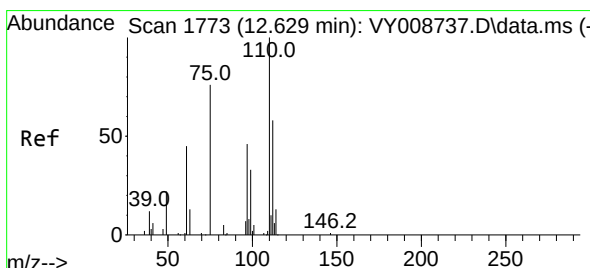
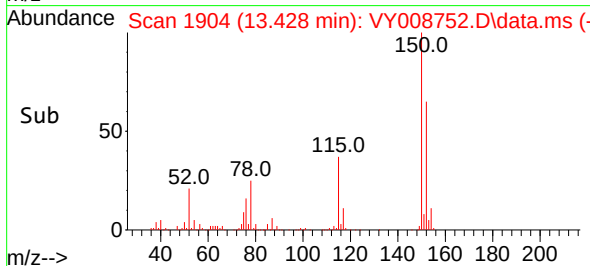
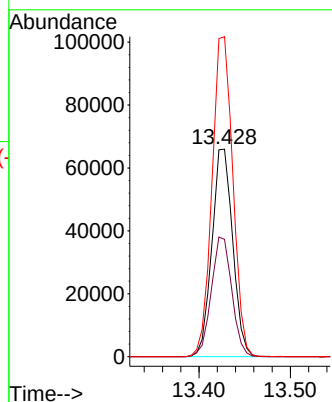
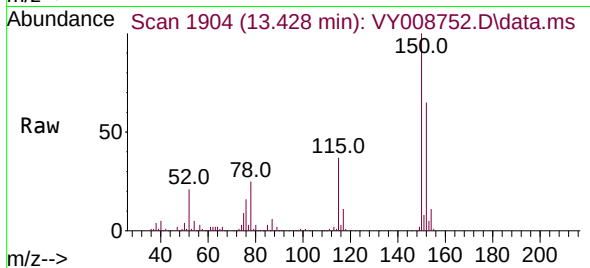
Tgt Ion:152 Resp: 104349

Ion Ratio Lower Upper

152 100

115 56.9 28.2 84.7

150 154.3 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 51.249 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.147 min

Lab File: VY008752.D

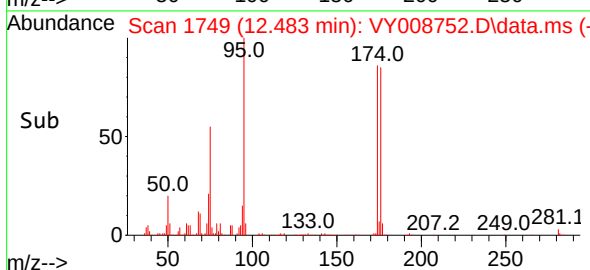
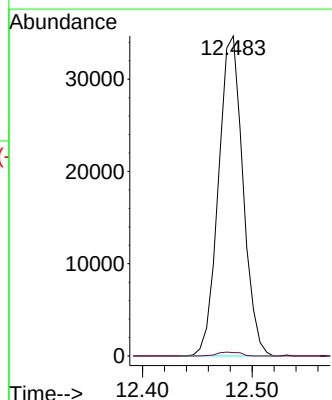
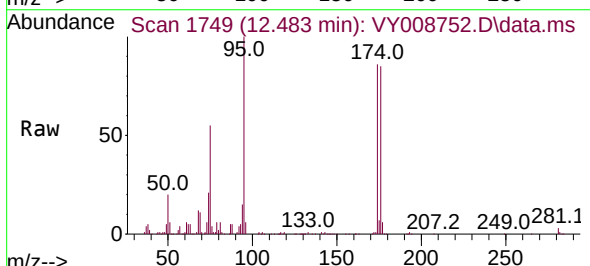
Acq: 13 May 2022 16:25

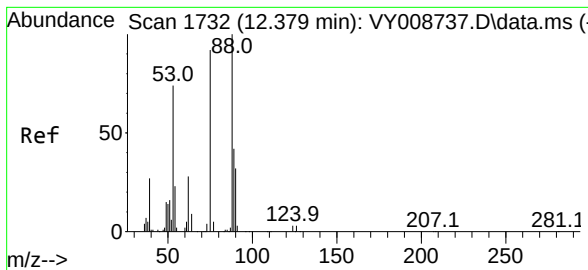
Tgt Ion: 75 Resp: 53814

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.008 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008752.D
 Acq: 13 May 2022 16:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 P018-SS001-0006-01

Tgt Ion: 75 Resp: 53814
 Ion Ratio Lower Upper
 75 100
 53 0.2 66.3 99.5#
 89 0.0 36.8 55.2#

