

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008944.D
 Acq On : 21 May 2022 13:06
 Operator : KP/MD
 Sample : N2919-09
 Misc : 5.24g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P013-SS002-0006-01

Quant Time: May 21 21:29:00 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)

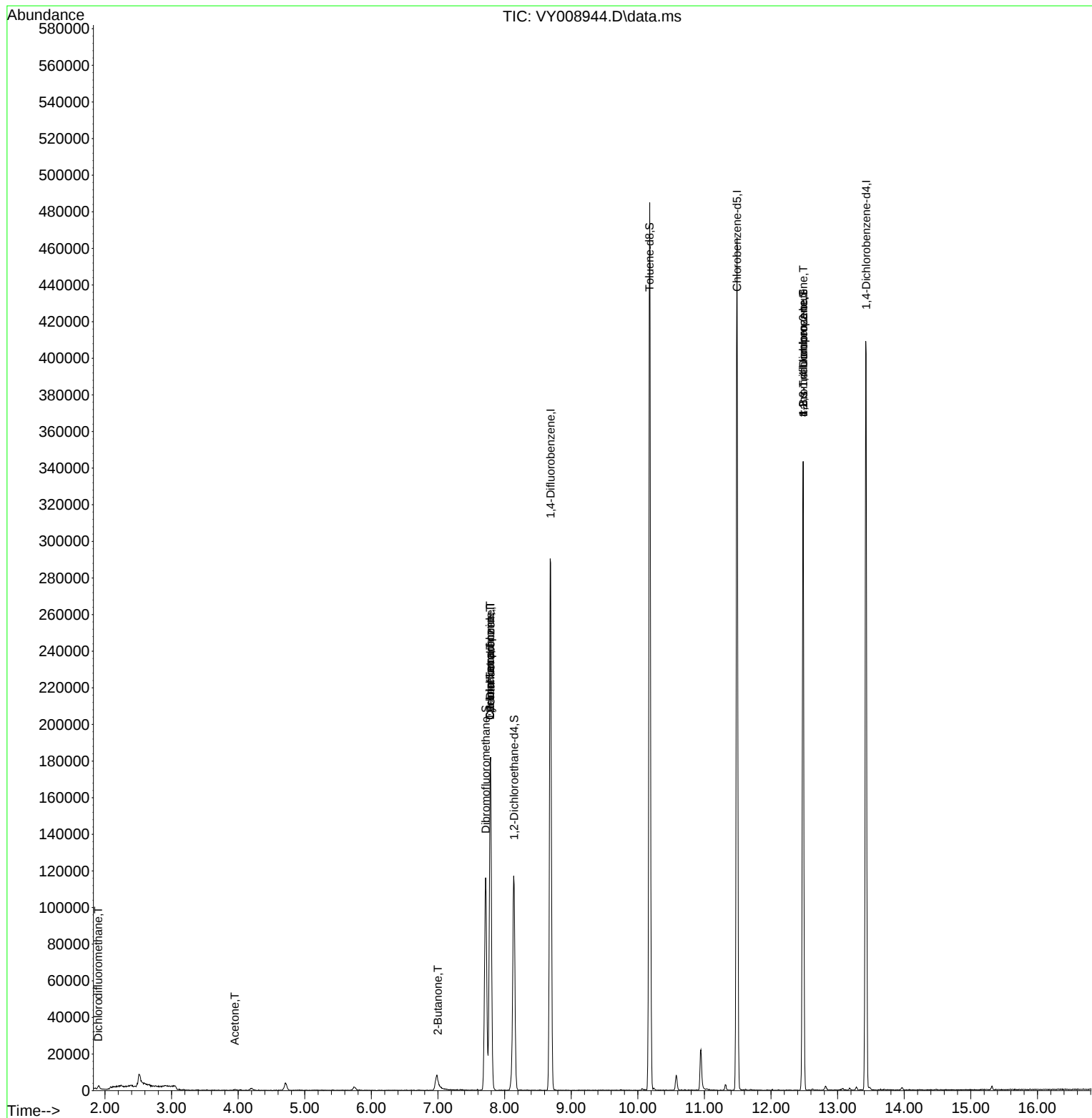
Internal Standards						
1) Pentafluorobenzene	7.789	168	137683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	245943	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	234242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99937	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	85133	60.079	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.160%	
35) Dibromofluoromethane	7.716	113	77456	50.645	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.300%	
50) Toluene-d8	10.179	98	308300	54.643	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.280%	
62) 4-Bromofluorobenzene	12.483	95	89619	39.376	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.760%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	1301	1.033	ug/l	78
16) Acetone	3.948	43	537	1.821	ug/l	99
20) Methylene Chloride	4.710	84	2624	Below Cal	#	78
25) 2-Butanone	6.996	43	547	1.038	ug/l #	54
31) Cyclohexane	7.783	56	3289	1.186	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	11624	4.466	ug/l #	51
38) Carbon Tetrachloride	7.783	117	14225	5.225	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	51201	47.709	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	51201	97.922	ug/l #	7

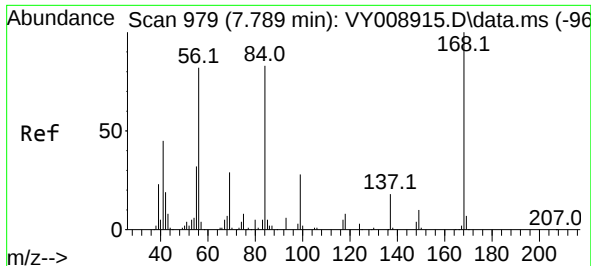
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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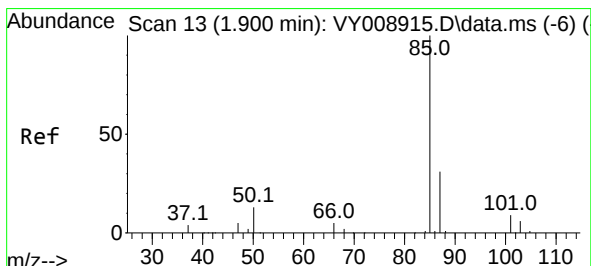
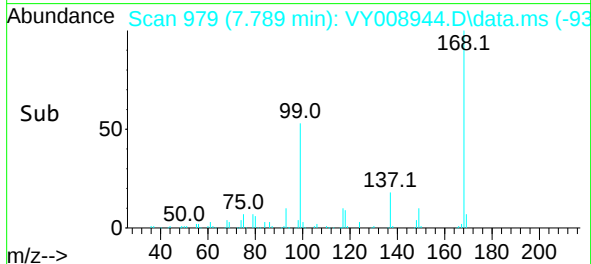
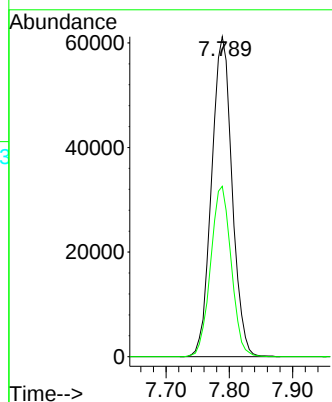
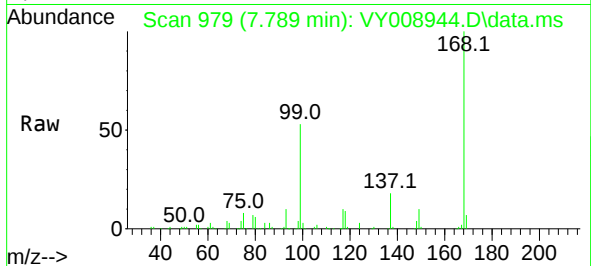




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008944.D
Acq: 21 May 2022 13:06

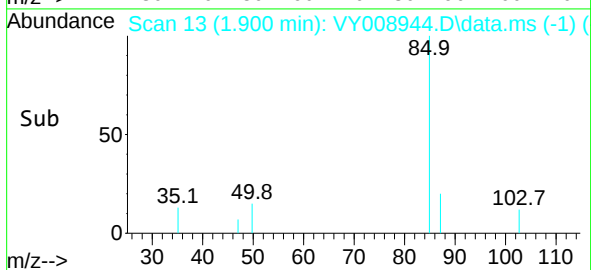
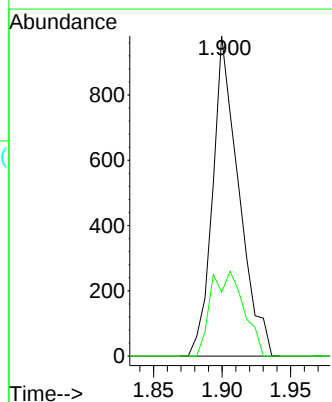
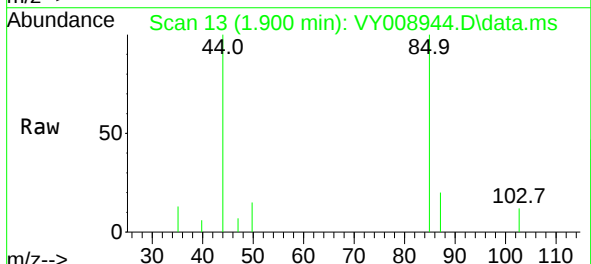
Instrument :
MSVOA_Y
ClientSampleId :
P013-SS002-0006-01

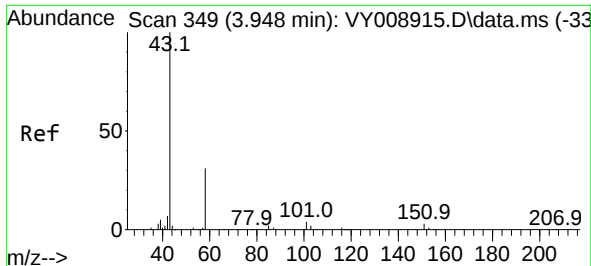
Tgt Ion:168 Resp: 137683
Ion Ratio Lower Upper
168 100
99 53.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.033 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY008944.D
Acq: 21 May 2022 13:06

Tgt Ion: 85 Resp: 1301
Ion Ratio Lower Upper
85 100
87 20.0 16.1 48.2

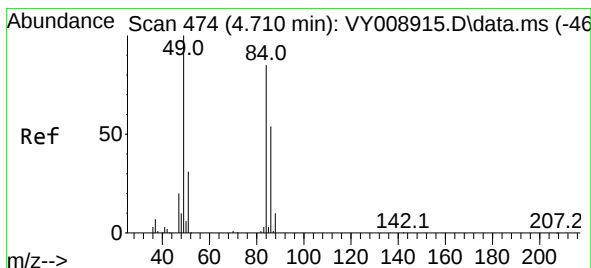
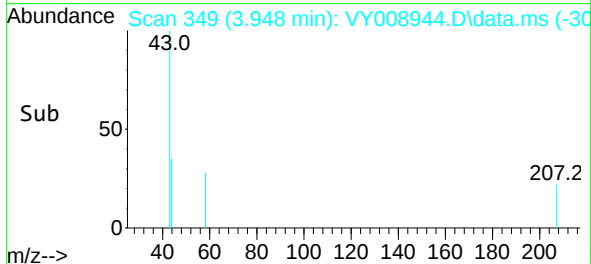
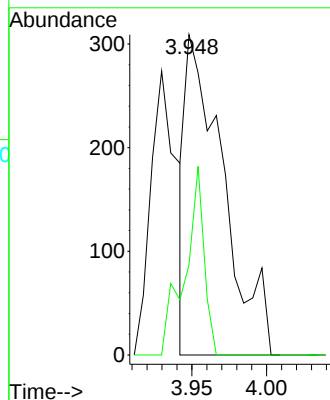
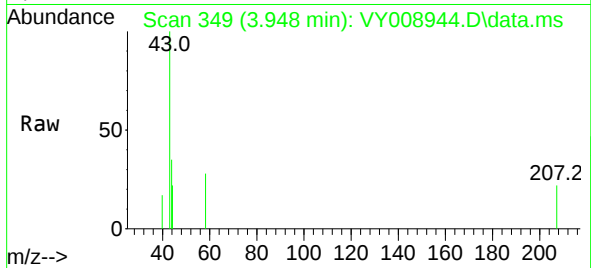




#16
Acetone
Concen: 1.821 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008944.D
Acq: 21 May 2022 13:06

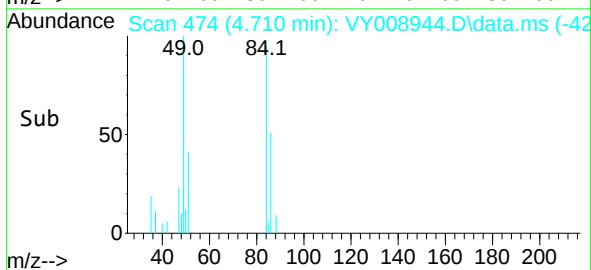
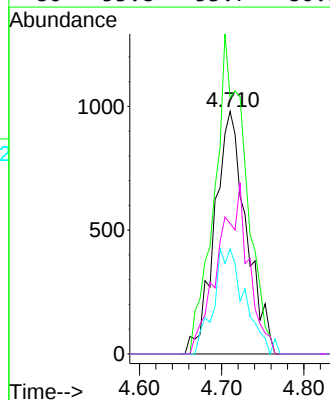
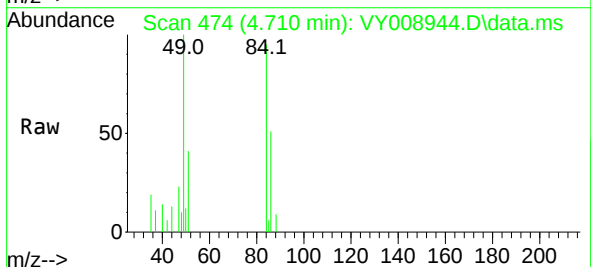
Instrument :
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ClientSampleId :
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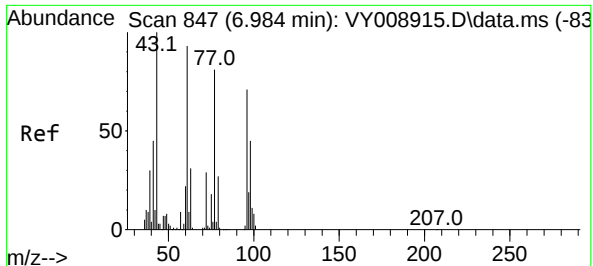
Tgt Ion: 43 Resp: 537
Ion Ratio Lower Upper
43 100
58 28.2 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY008944.D
Acq: 21 May 2022 13:06

Tgt Ion: 84 Resp: 2624
Ion Ratio Lower Upper
84 100
49 105.7 114.4 171.6#
51 43.3 35.3 52.9
86 53.8 53.7 80.5





#25

2-Butanone

Concen: 1.038 ug/l

RT: 6.996 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY008944.D

Acq: 21 May 2022 13:06

Instrument :

MSVOA_Y

ClientSampleId :

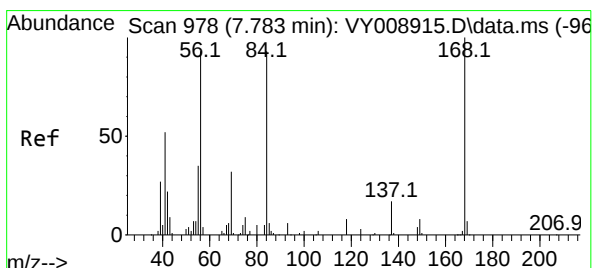
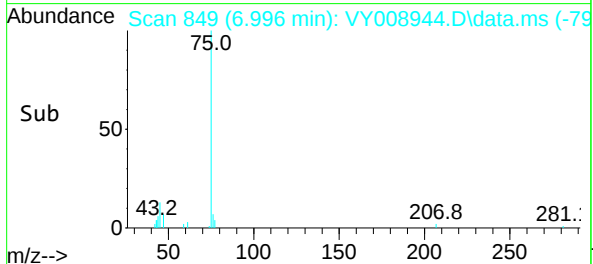
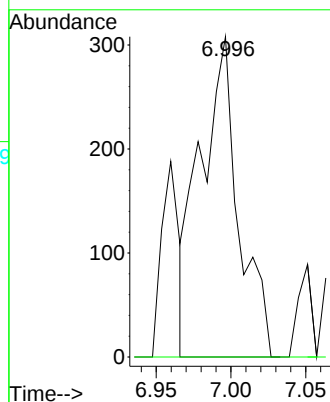
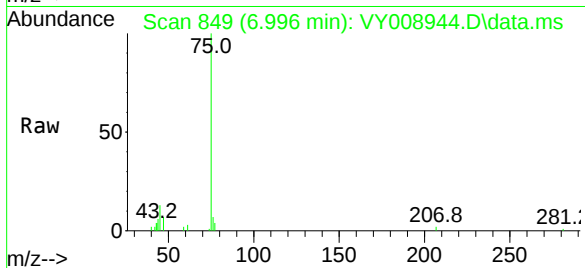
P013-SS002-0006-01

Tgt Ion: 43 Resp: 547

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#31

Cyclohexane

Concen: 1.186 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY008944.D

Acq: 21 May 2022 13:06

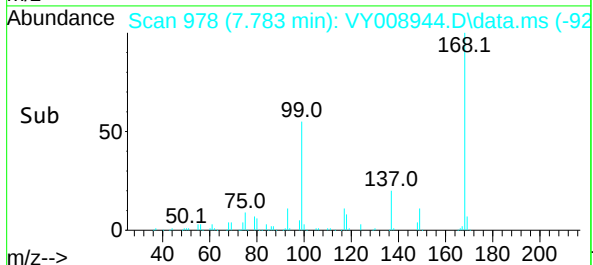
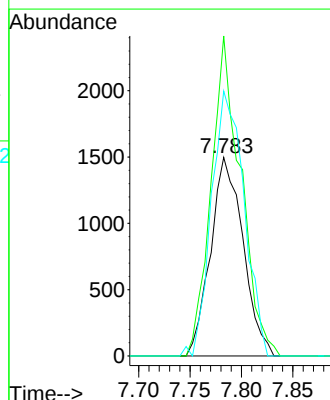
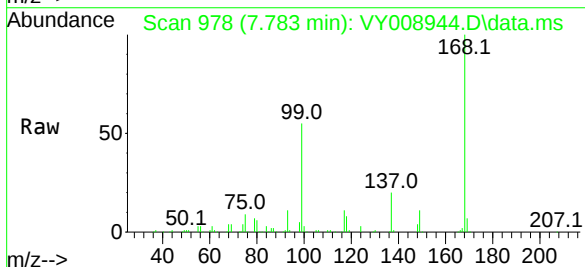
Tgt Ion: 56 Resp: 3289

Ion Ratio Lower Upper

56 100

69 161.2 26.7 40.1#

84 133.5 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 60.079 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY008944.D

Acq: 21 May 2022 13:06

Instrument :

MSVOA_Y

ClientSampleId :

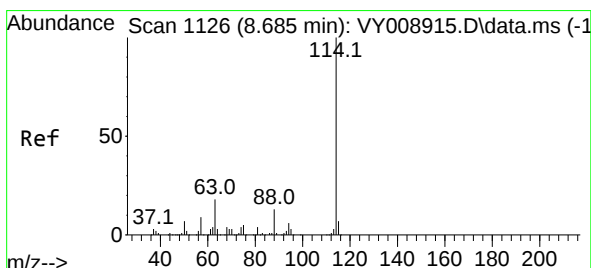
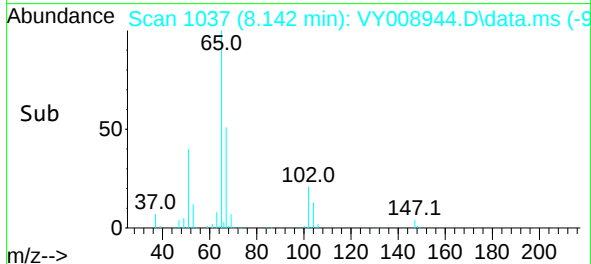
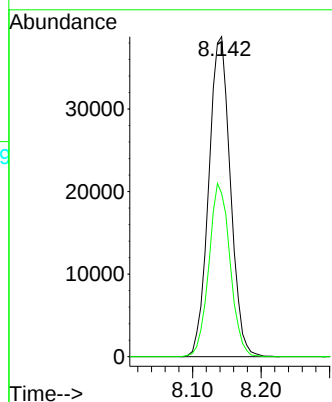
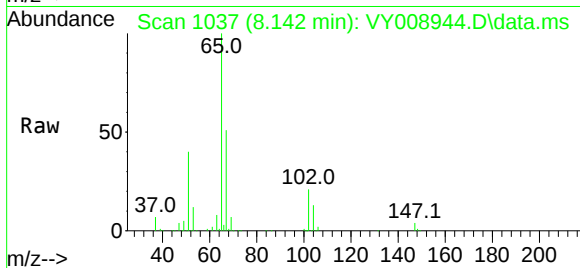
P013-SS002-0006-01

Tgt Ion: 65 Resp: 85133

Ion Ratio Lower Upper

65 100

67 52.9 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: VY008944.D

Acq: 21 May 2022 13:06

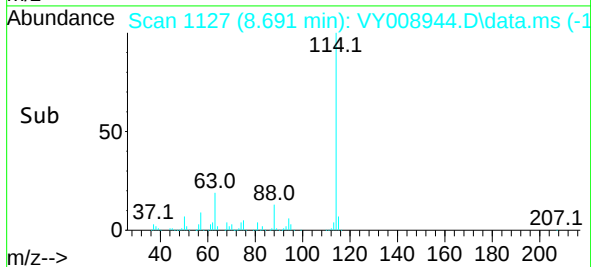
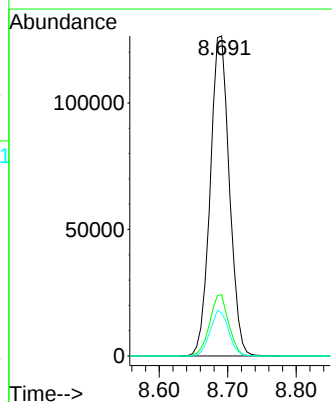
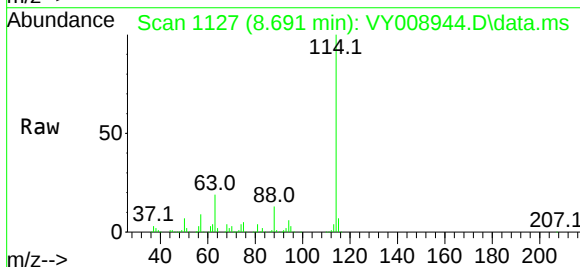
Tgt Ion: 114 Resp: 245943

Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 13.4 0.0 31.8

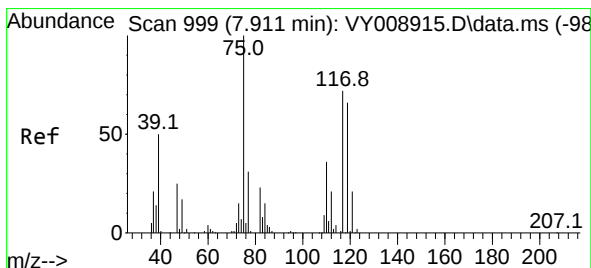
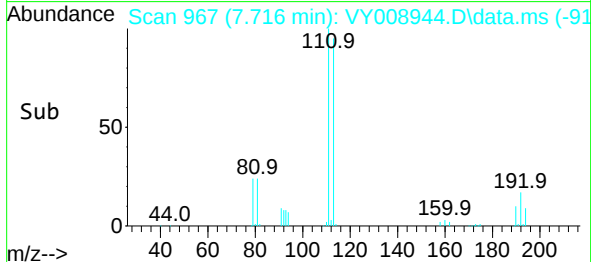
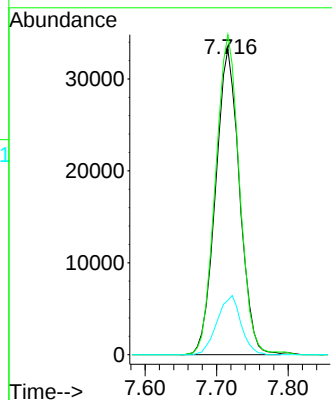
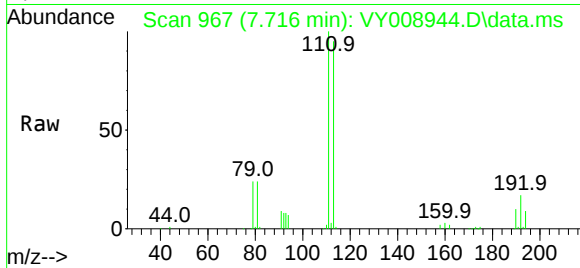




#35
Dibromofluoromethane
Concen: 50.645 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008944.D
Acq: 21 May 2022 13:06

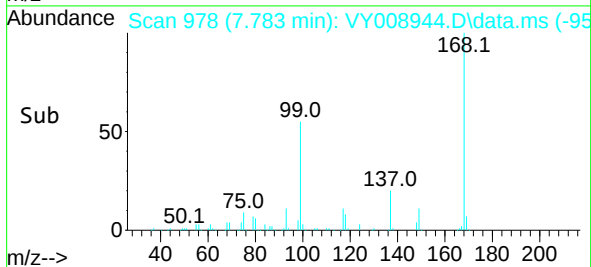
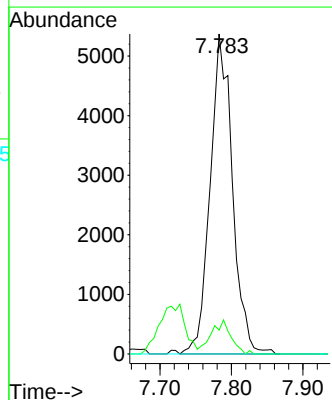
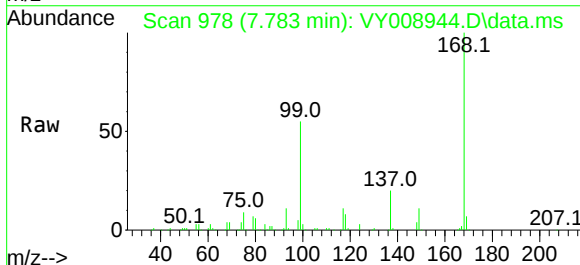
Instrument :
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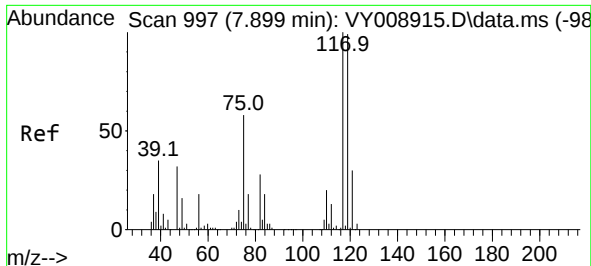
Tgt Ion:113 Resp: 77456
Ion Ratio Lower Upper
113 100
111 105.1 82.6 124.0
192 19.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.466 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY008944.D
Acq: 21 May 2022 13:06

Tgt Ion: 75 Resp: 11624
Ion Ratio Lower Upper
75 100
110 9.5 17.1 51.2#
77 0.0 24.4 36.6#

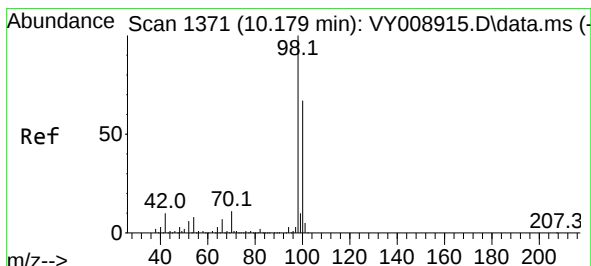
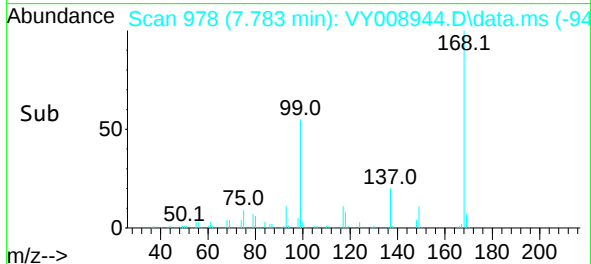
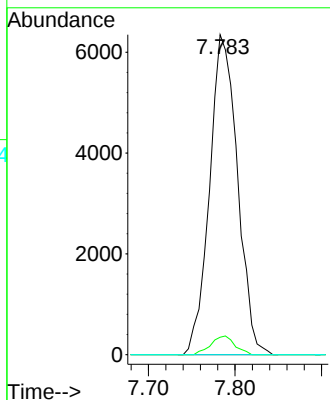
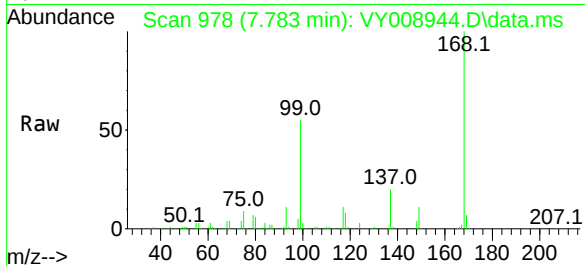




#38
Carbon Tetrachloride
Concen: 5.225 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY008944.D
Acq: 21 May 2022 13:06

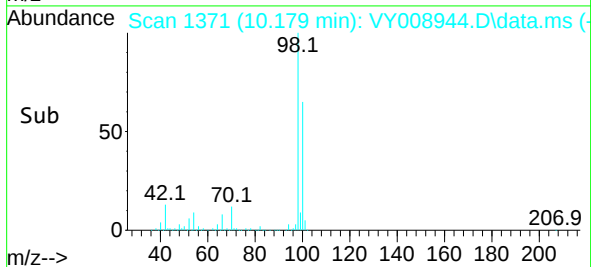
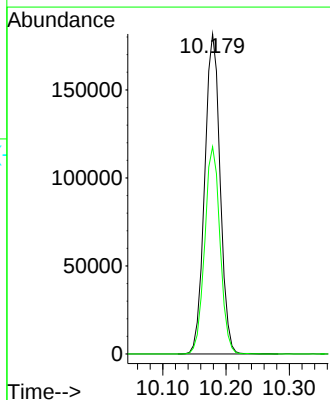
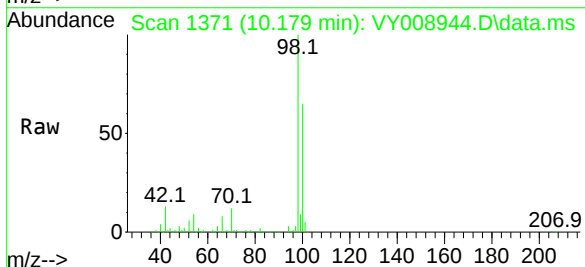
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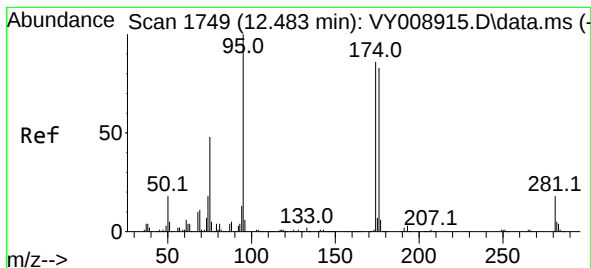
Tgt Ion:117 Resp: 14225
Ion Ratio Lower Upper
117 100
119 5.4 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.643 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008944.D
Acq: 21 May 2022 13:06

Tgt Ion: 98 Resp: 308300
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2

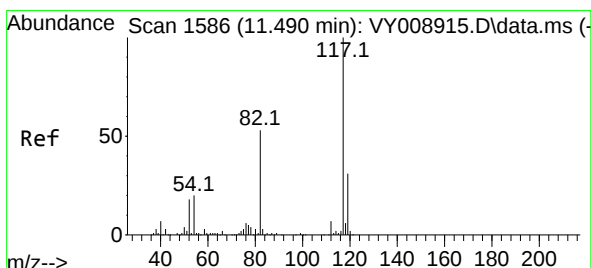
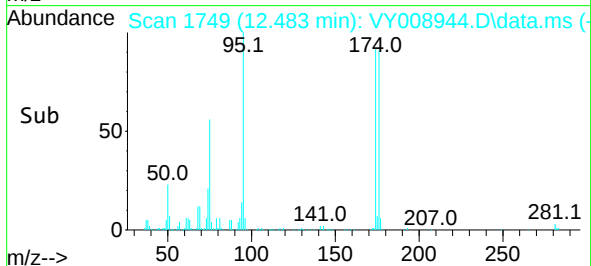
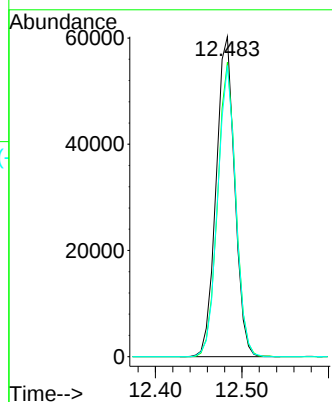
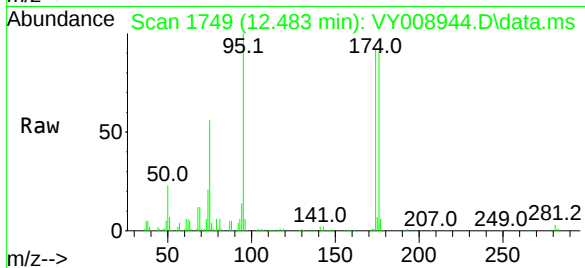




#62
4-Bromofluorobenzene
Concen: 39.376 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008944.D
Acq: 21 May 2022 13:06

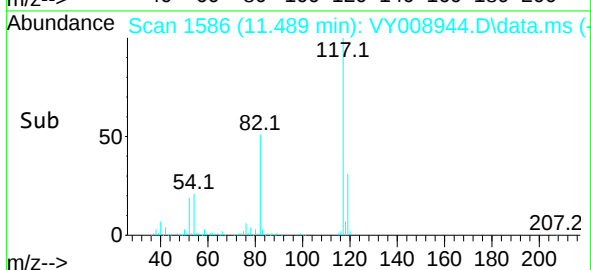
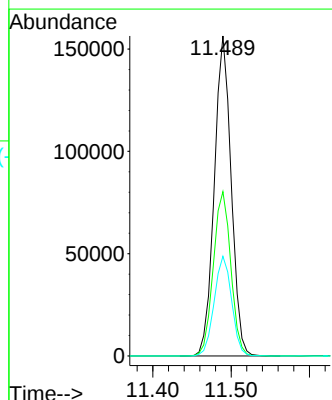
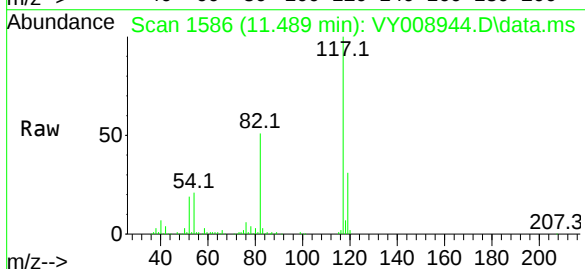
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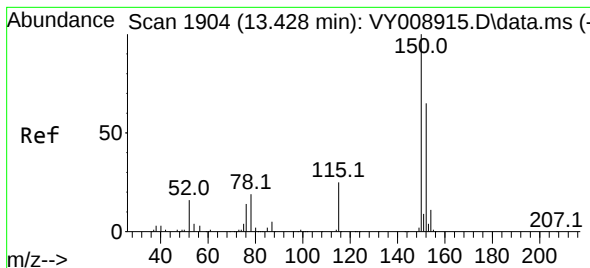
Tgt Ion: 95 Resp: 89619
Ion Ratio Lower Upper
95 100
174 89.8 0.0 177.0
176 88.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY008944.D
Acq: 21 May 2022 13:06

Tgt Ion: 117 Resp: 234242
Ion Ratio Lower Upper
117 100
82 51.4 43.0 64.4
119 31.1 25.4 38.0

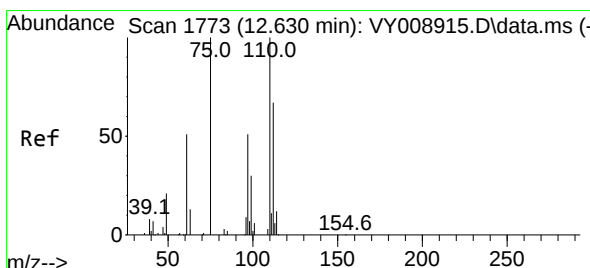
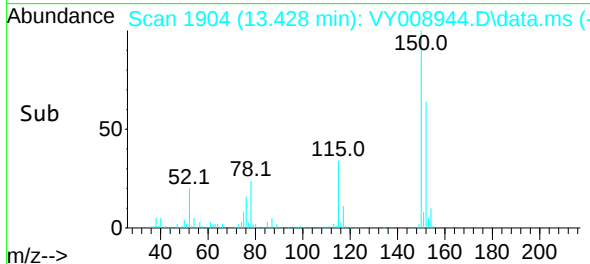
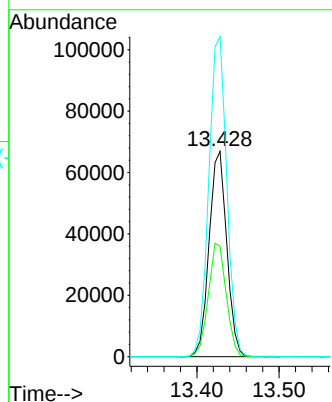
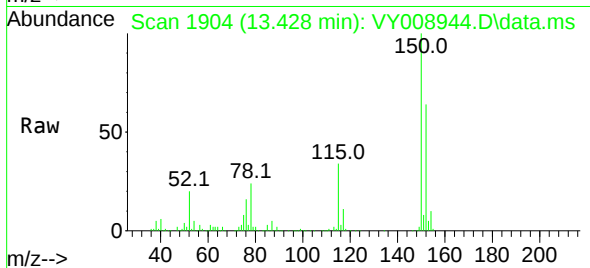




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008944.D
 Acq: 21 May 2022 13:06

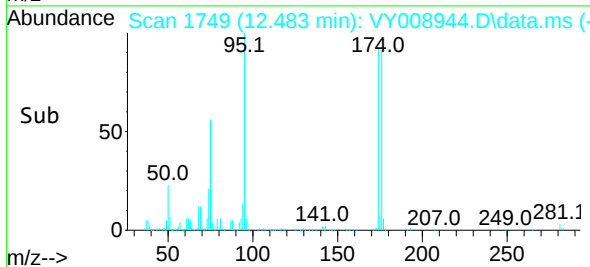
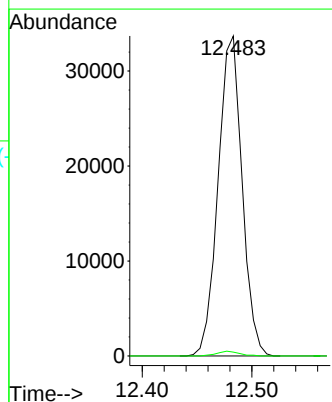
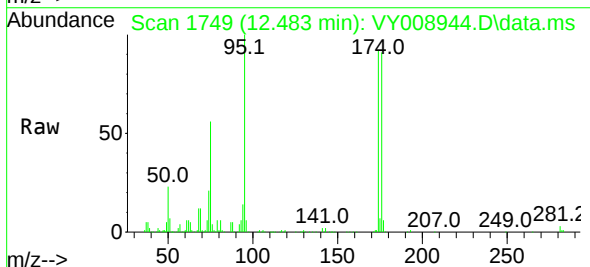
Instrument :
 MSVOA_Y
 ClientSampleId :
 P013-SS002-0006-01

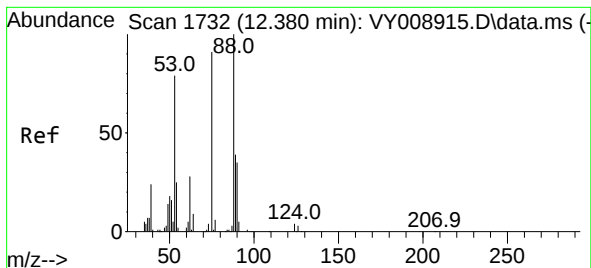
Tgt Ion:152 Resp: 99937
 Ion Ratio Lower Upper
 152 100
 115 56.0 28.2 84.7
 150 158.3 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 47.709 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY008944.D
 Acq: 21 May 2022 13:06

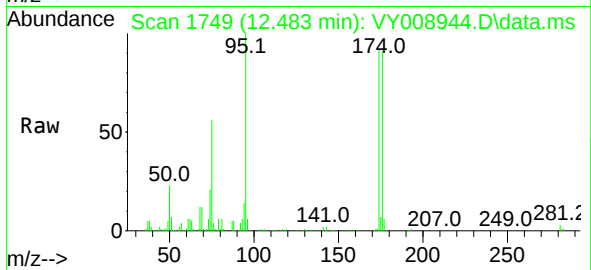
Tgt Ion: 75 Resp: 51201
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.922 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008944.D
 Acq: 21 May 2022 13:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 P013-SS002-0006-01



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.2	85.3	127.9#
89	0.2	37.0	55.4#

