

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022025\
 Data File : VY021255.D
 Acq On : 20 Feb 2025 17:29
 Operator : SY/MD
 Sample : Q1383-09
 Misc : 5.87g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 21 02:43:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

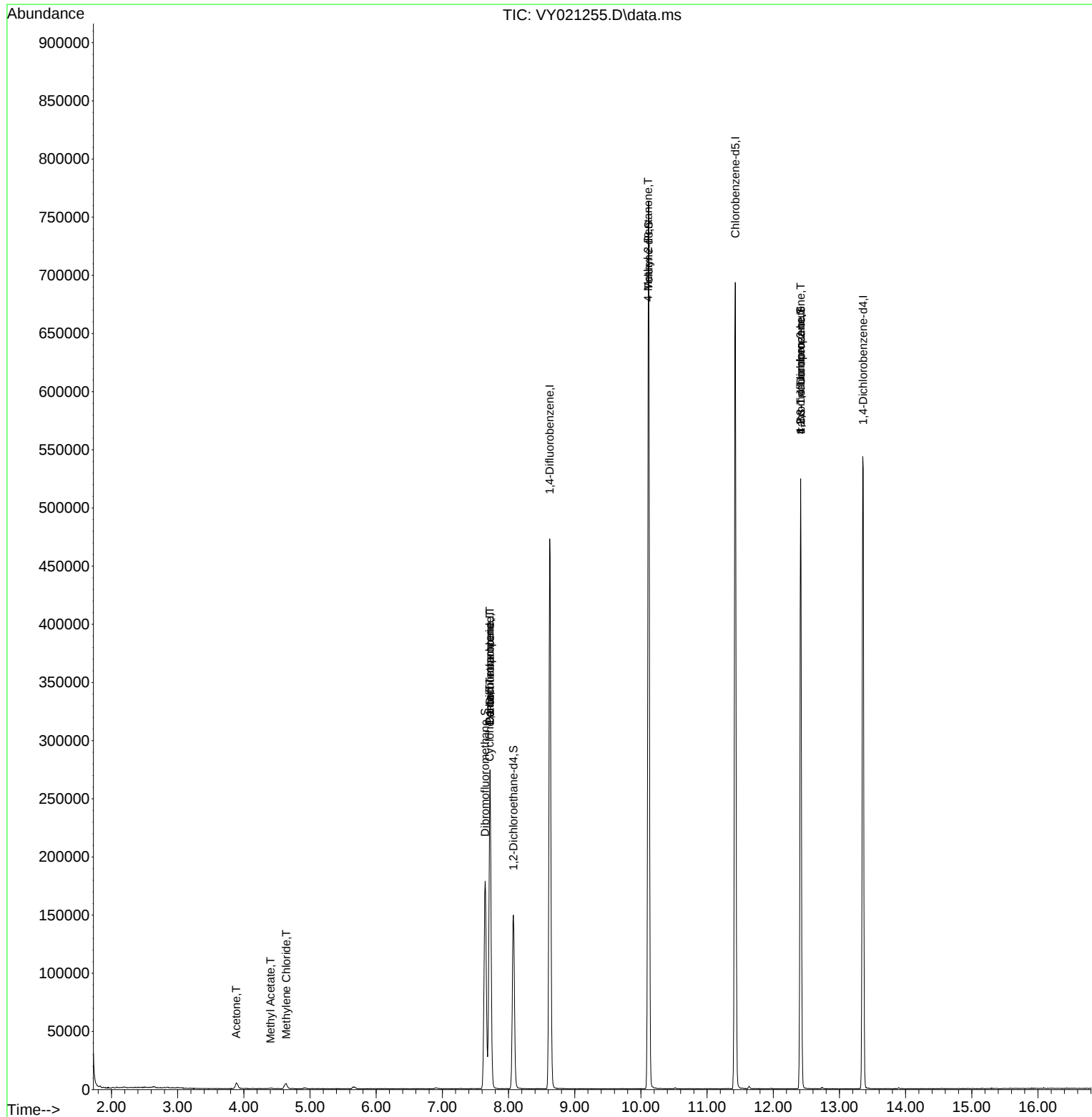
Internal Standards						
1) Pentafluorobenzene	7.719	168	201540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	390065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	356141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	136636	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	120516	58.363	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.720%			
35) Dibromofluoromethane	7.646	113	127510	51.008	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.020%			
50) Toluene-d8	10.115	98	472335	49.631	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.260%			
62) 4-Bromofluorobenzene	12.414	95	148727	47.836	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 95.680%			
Target Compounds						Qvalue
16) Acetone	3.885	43	9425	29.268	ug/l #	87
18) Methyl Acetate	4.403	43	1403	1.241	ug/l #	87
20) Methylene Chloride	4.641	84	3249	1.623	ug/l	94
31) Cyclohexane	7.713	56	4679	1.329	ug/l #	40
36) 1,1-Dichloropropene	7.719	75	16534	4.465	ug/l #	50
38) Carbon Tetrachloride	7.719	117	20744	4.795	ug/l #	16
51) 4-Methyl-2-Pentanone	10.109	43	2328	1.434	ug/l #	1
76) 1,2,3-Trichloropropane	12.414	75	83231	67.151	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	83231	137.021	ug/l #	12

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

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QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

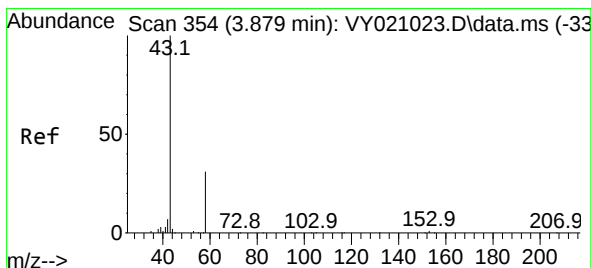
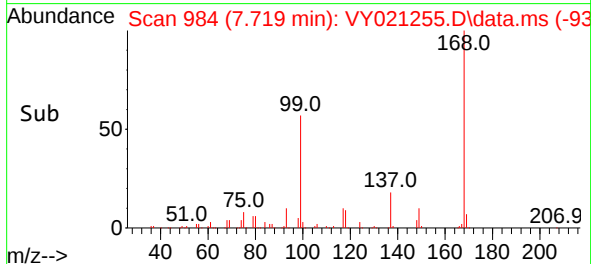
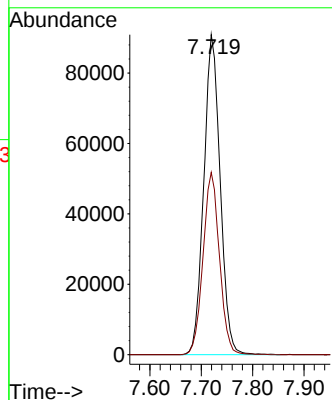
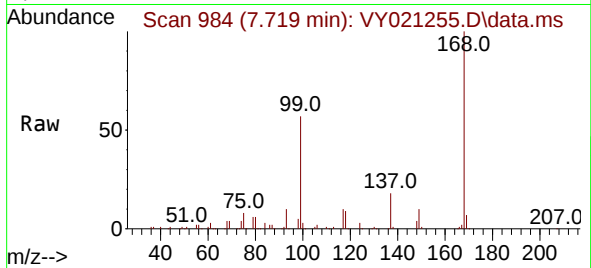




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY021255.D
Acq: 20 Feb 2025 17:29

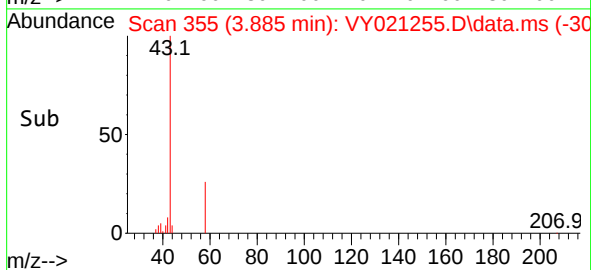
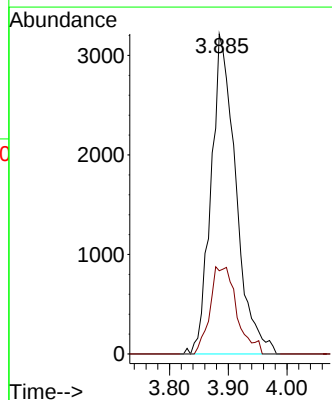
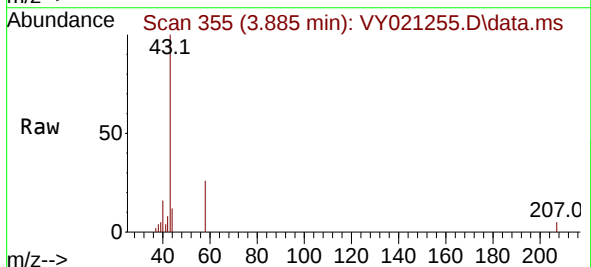
Instrument :
MSVOA_Y
ClientSampleId :

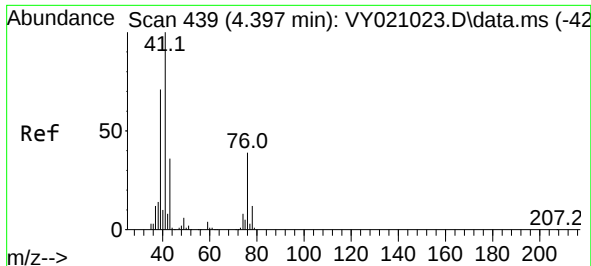
Tgt Ion:168 Resp: 201540
Ion Ratio Lower Upper
168 100
99 56.9 44.2 66.4



#16
Acetone
Concen: 29.268 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY021255.D
Acq: 20 Feb 2025 17:29

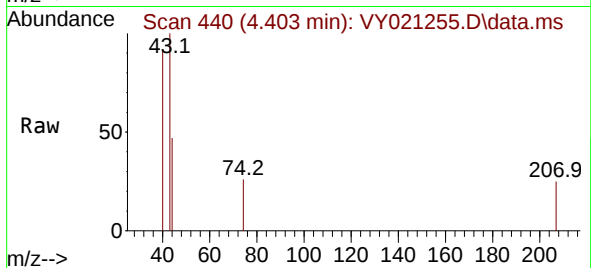
Tgt Ion: 43 Resp: 9425
Ion Ratio Lower Upper
43 100
58 26.0 26.6 39.8#



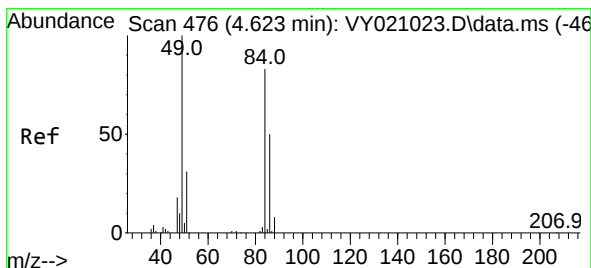
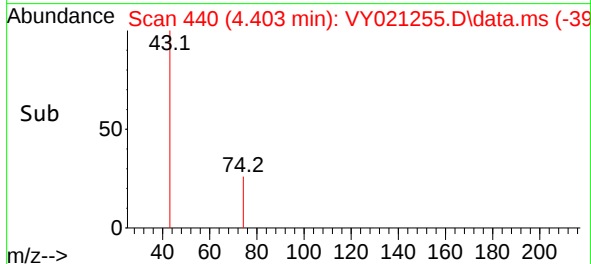
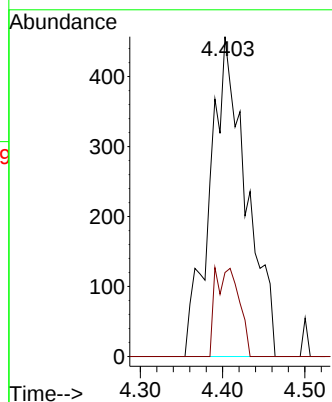


#18
Methyl Acetate
Concen: 1.241 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY021255.D
Acq: 20 Feb 2025 17:29

Instrument :
MSVOA_Y
ClientSampleId :

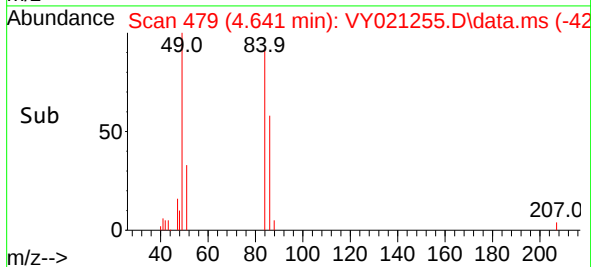
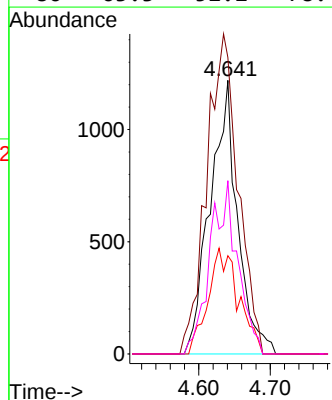
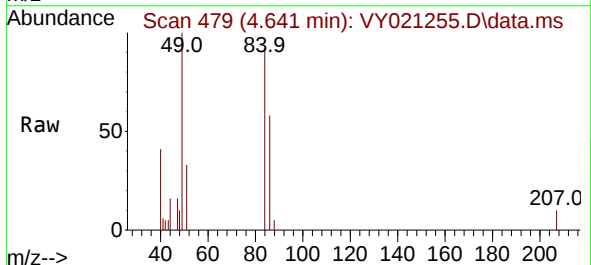


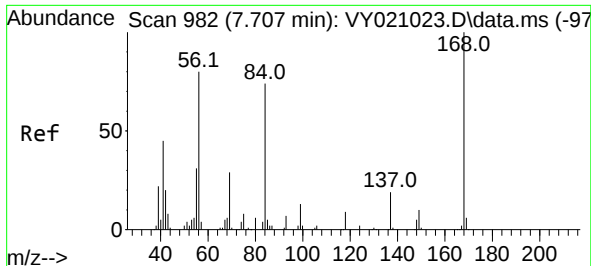
Tgt Ion: 43 Resp: 1403
Ion Ratio Lower Upper
43 100
74 18.1 19.8 29.6#



#20
Methylene Chloride
Concen: 1.623 ug/l
RT: 4.641 min Scan# 479
Delta R.T. 0.018 min
Lab File: VY021255.D
Acq: 20 Feb 2025 17:29

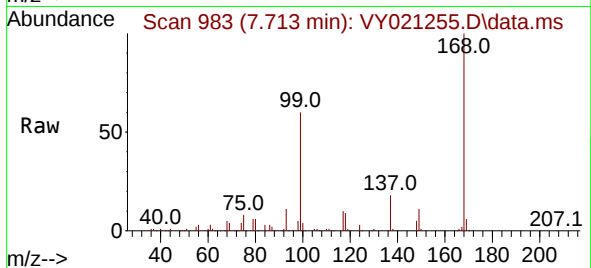
Tgt Ion: 84 Resp: 3249
Ion Ratio Lower Upper
84 100
49 108.4 95.2 142.8
51 35.9 29.9 44.9
86 63.3 52.2 78.4



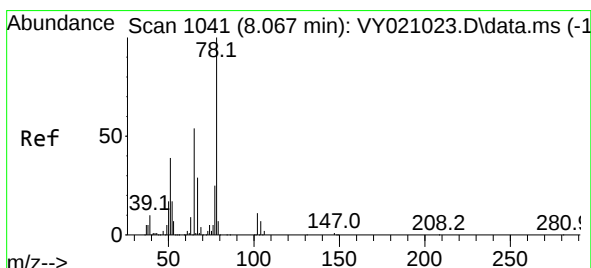
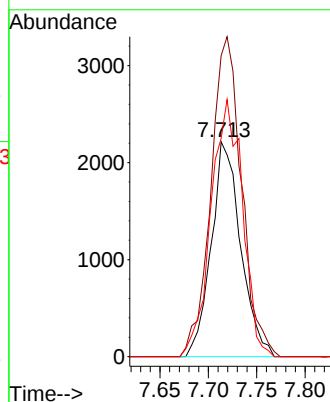
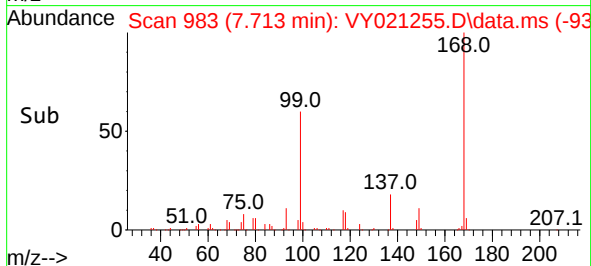


#31
Cyclohexane
Concen: 1.329 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021255.D
Acq: 20 Feb 2025 17:29

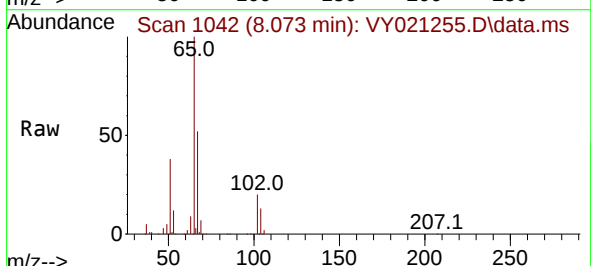
Instrument :
MSVOA_Y
ClientSampleId :



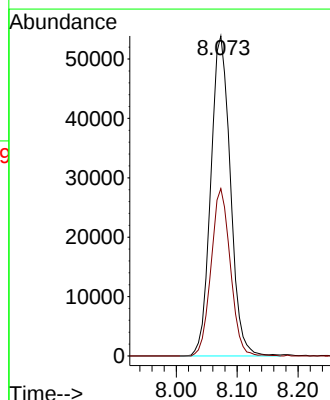
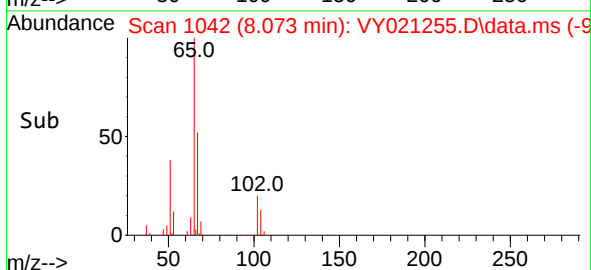
Tgt Ion: 56 Resp: 4679
Ion Ratio Lower Upper
56 100
69 140.2 27.0 40.6#
84 101.7 71.8 107.6

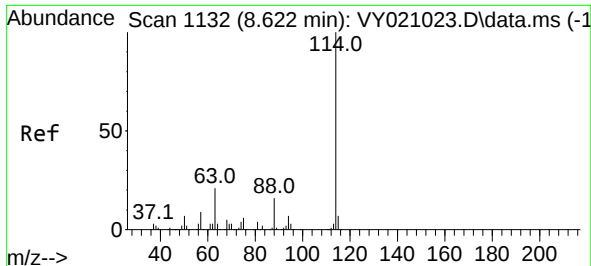


#33
1,2-Dichloroethane-d4
Concen: 58.363 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY021255.D
Acq: 20 Feb 2025 17:29



Tgt Ion: 65 Resp: 120516
Ion Ratio Lower Upper
65 100
67 51.3 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021255.D

Acq: 20 Feb 2025 17:29

Instrument :

MSVOA_Y

ClientSampleId :

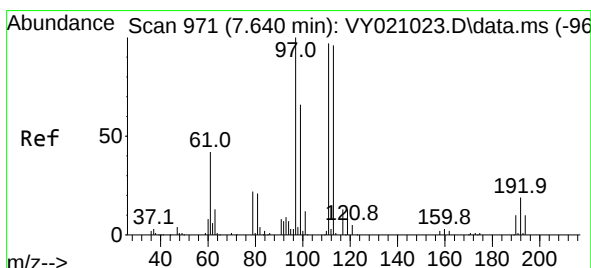
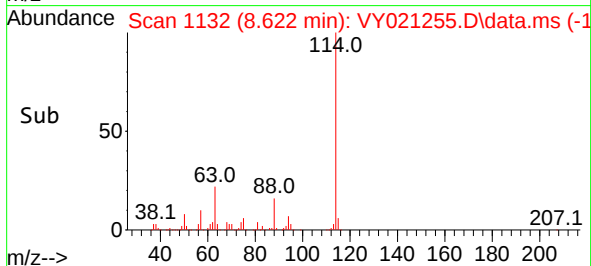
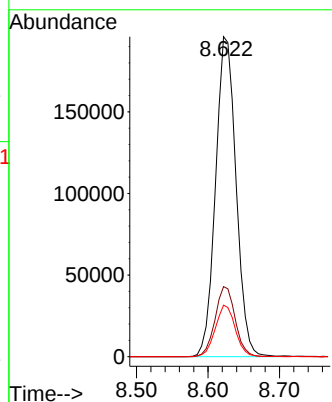
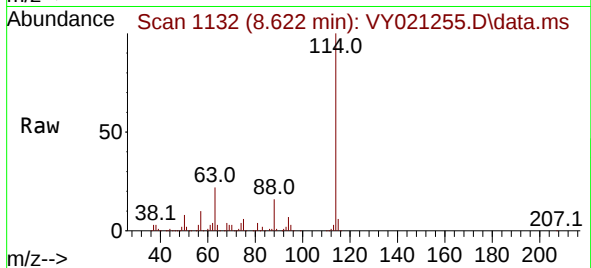
Tgt Ion:114 Resp: 390065

Ion Ratio Lower Upper

114 100

63 21.9 0.0 37.4

88 16.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 51.008 ug/l

RT: 7.646 min Scan# 972

Delta R.T. 0.006 min

Lab File: VY021255.D

Acq: 20 Feb 2025 17:29

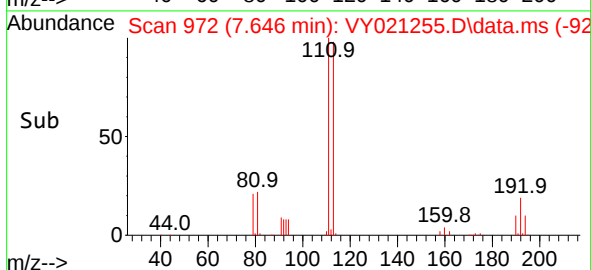
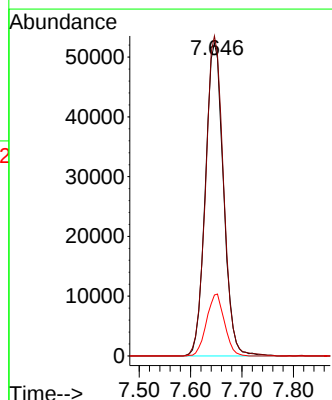
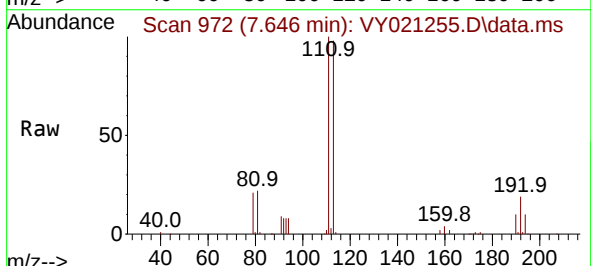
Tgt Ion:113 Resp: 127510

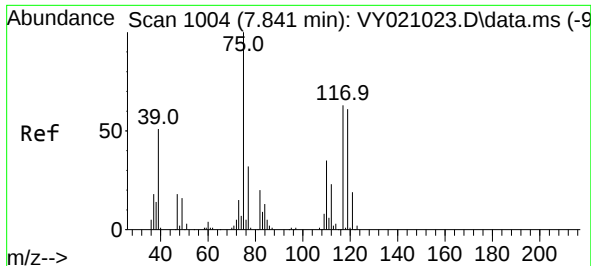
Ion Ratio Lower Upper

113 100

111 101.6 83.8 125.6

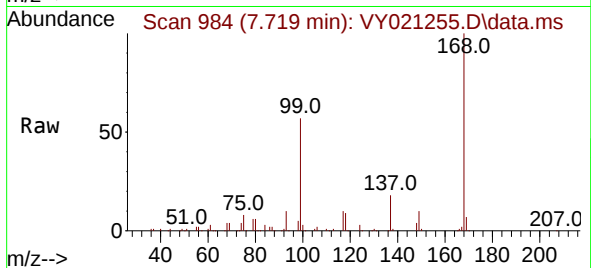
192 19.6 14.5 21.7



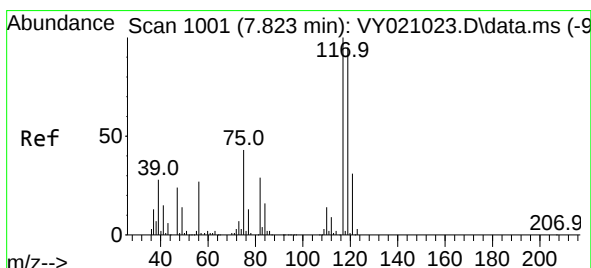
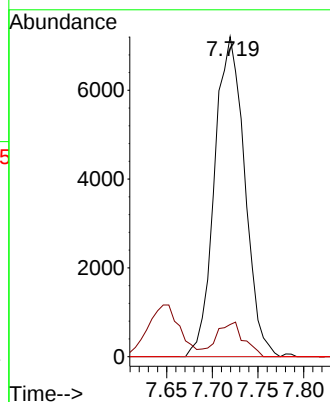
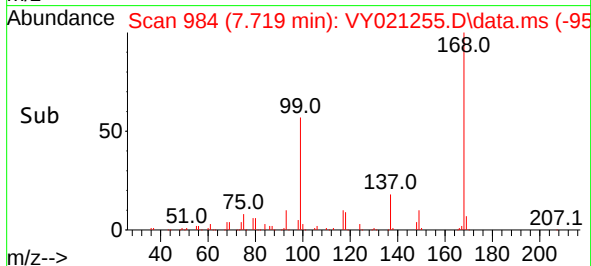


#36
 1,1-Dichloropropene
 Concen: 4.465 ug/l
 RT: 7.719 min Scan# 984
 Delta R.T. -0.122 min
 Lab File: VY021255.D
 Acq: 20 Feb 2025 17:29

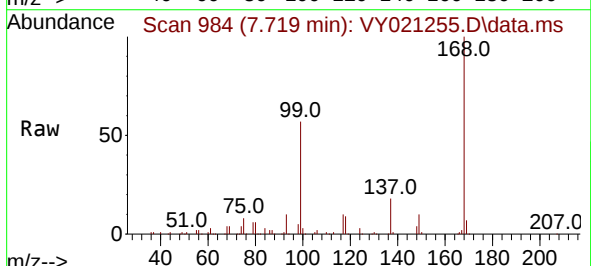
Instrument :
 MSVOA_Y
 ClientSampleId :



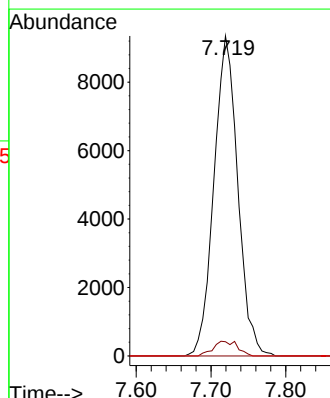
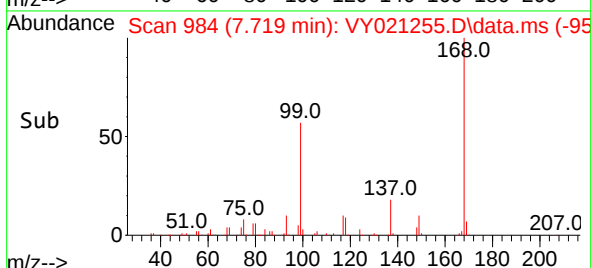
Tgt Ion: 75 Resp: 16534
 Ion Ratio Lower Upper
 75 100
 110 9.7 17.4 52.3#
 77 0.0 24.7 37.1#

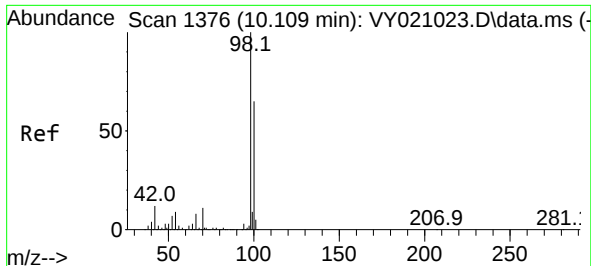


#38
 Carbon Tetrachloride
 Concen: 4.795 ug/l
 RT: 7.719 min Scan# 984
 Delta R.T. -0.104 min
 Lab File: VY021255.D
 Acq: 20 Feb 2025 17:29



Tgt Ion: 117 Resp: 20744
 Ion Ratio Lower Upper
 117 100
 119 4.4 76.0 114.0#
 121 0.0 24.2 36.2#

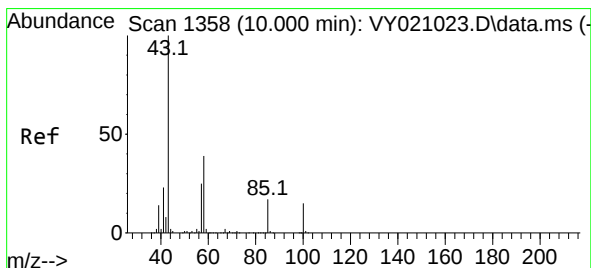
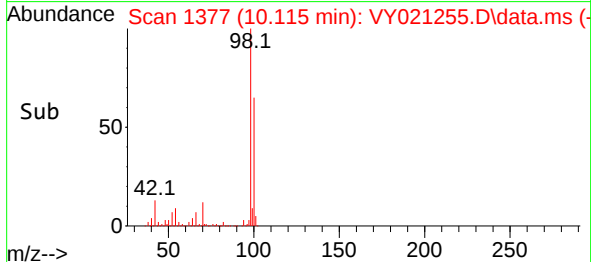
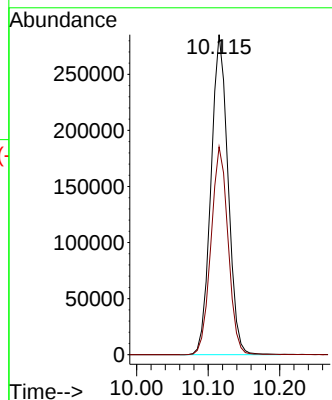
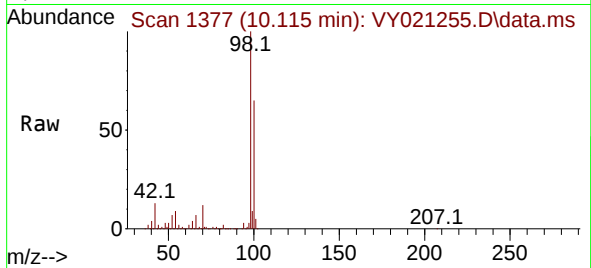




#50
Toluene-d8
Concen: 49.631 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021255.D
Acq: 20 Feb 2025 17:29

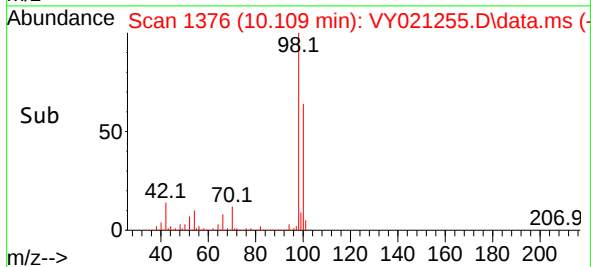
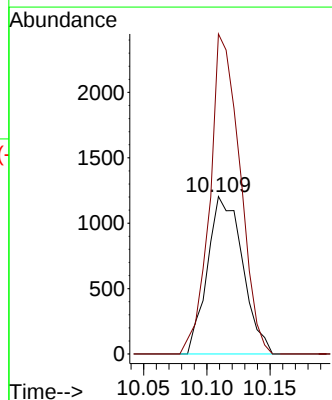
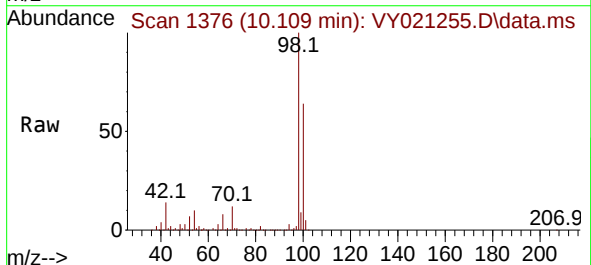
Instrument :
MSVOA_Y
ClientSampleId :

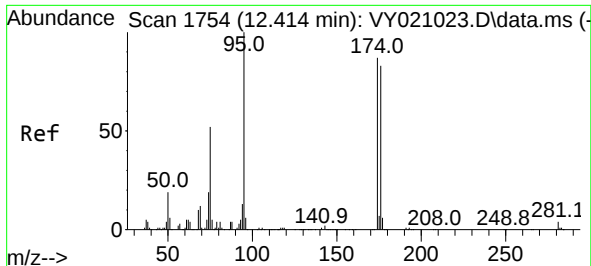
Tgt Ion: 98 Resp: 472335
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 1.434 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.110 min
Lab File: VY021255.D
Acq: 20 Feb 2025 17:29

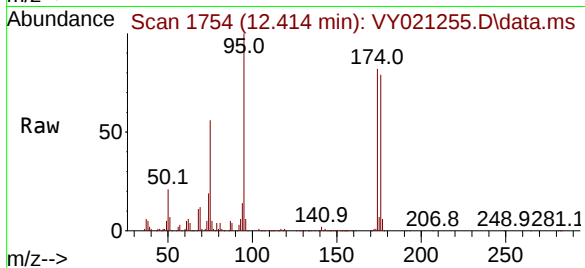
Tgt Ion: 43 Resp: 2328
Ion Ratio Lower Upper
43 100
58 174.3 32.2 48.2#



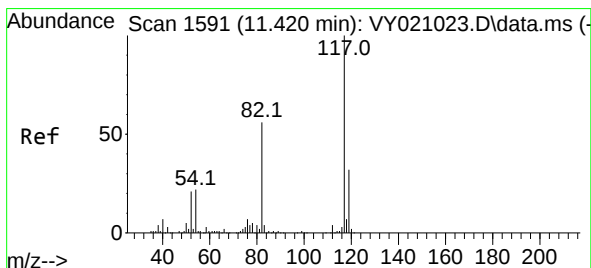
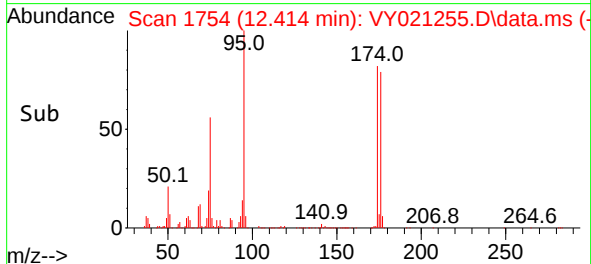
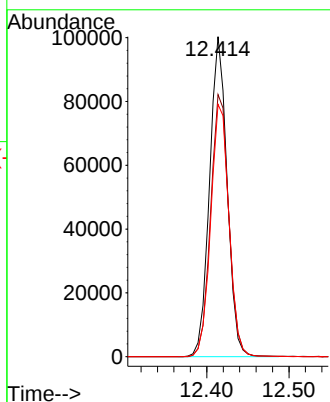


#62
4-Bromofluorobenzene
Concen: 47.836 ug/l
RT: 12.414 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021255.D
Acq: 20 Feb 2025 17:29

Instrument :
MSVOA_Y
ClientSampleId :

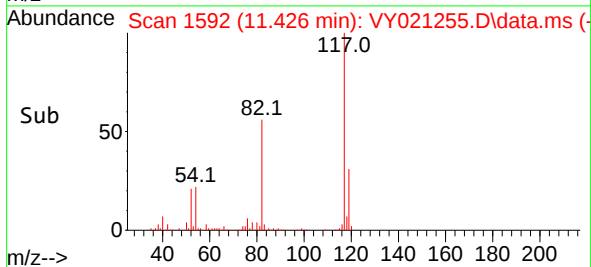
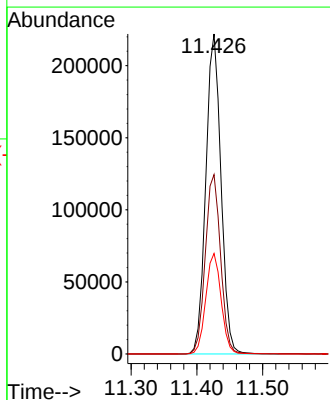
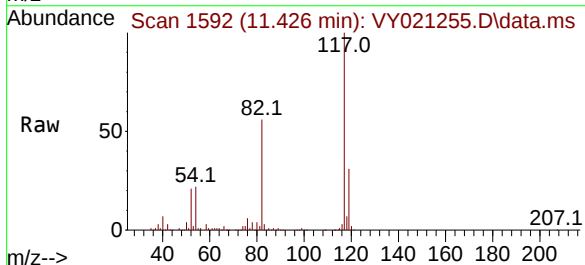


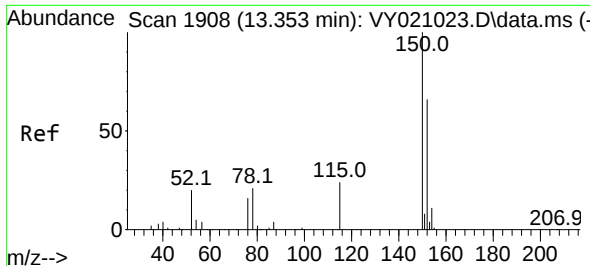
Tgt Ion: 95 Resp: 148727
Ion Ratio Lower Upper
95 100
174 84.9 0.0 160.0
176 82.1 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY021255.D
Acq: 20 Feb 2025 17:29

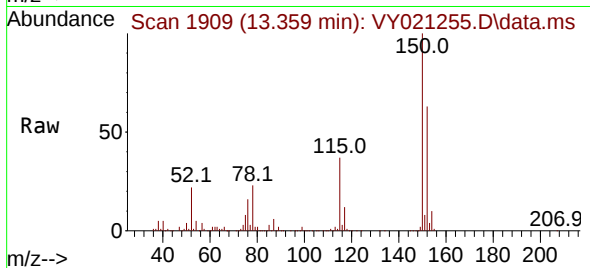
Tgt Ion: 117 Resp: 356141
Ion Ratio Lower Upper
117 100
82 56.1 43.8 65.8
119 31.4 26.5 39.7



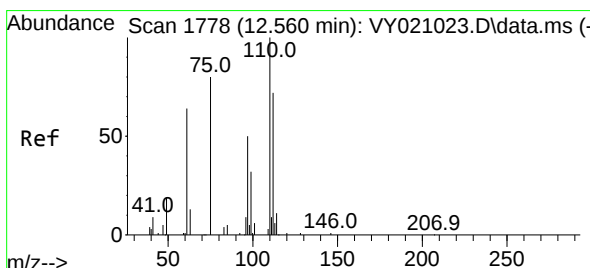
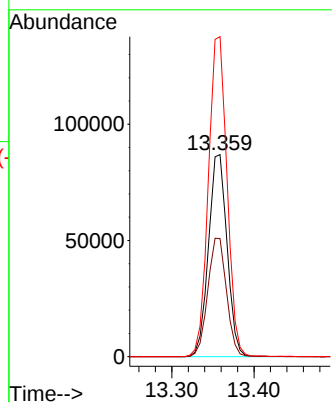
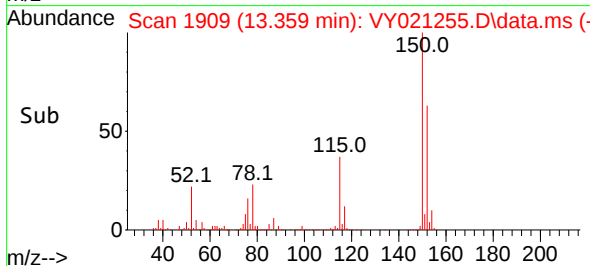


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.359 min Scan# 1908
 Delta R.T. 0.006 min
 Lab File: VY021255.D
 Acq: 20 Feb 2025 17:29

Instrument :
 MSVOA_Y
 ClientSampleId :

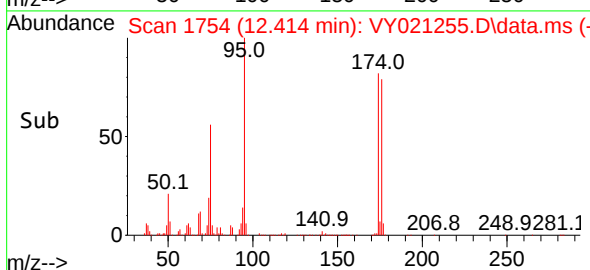
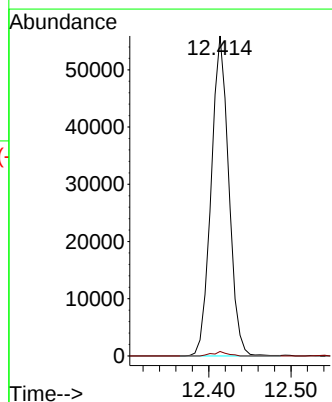
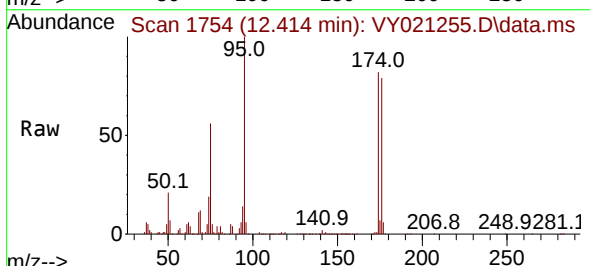


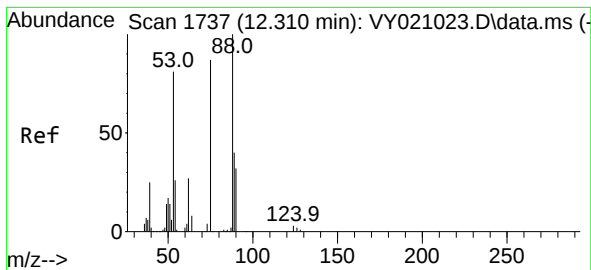
Tgt Ion:152 Resp: 136636
 Ion Ratio Lower Upper
 152 100
 115 59.2 30.0 90.0
 150 158.7 0.0 344.6



#76
 1,2,3-Trichloropropane
 Concen: 67.151 ug/l
 RT: 12.414 min Scan# 1754
 Delta R.T. -0.147 min
 Lab File: VY021255.D
 Acq: 20 Feb 2025 17:29

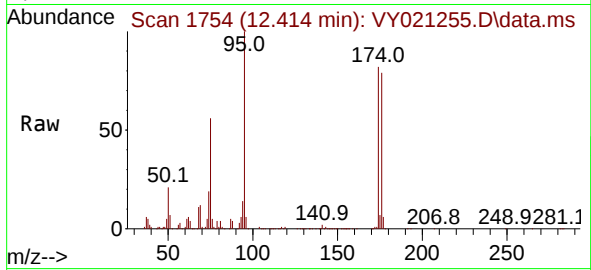
Tgt Ion: 75 Resp: 83231
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 137.021 ug/l
 RT: 12.414 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY021255.D
 Acq: 20 Feb 2025 17:29

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 83231
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#

