

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091025\
 Data File : VY023332.D
 Acq On : 10 Sep 2025 14:49
 Operator : SY/MD
 Sample : Q3065-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-204

Quant Time: Sep 11 03:50:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 10 01:44:33 2025
 Response via : Initial Calibration

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

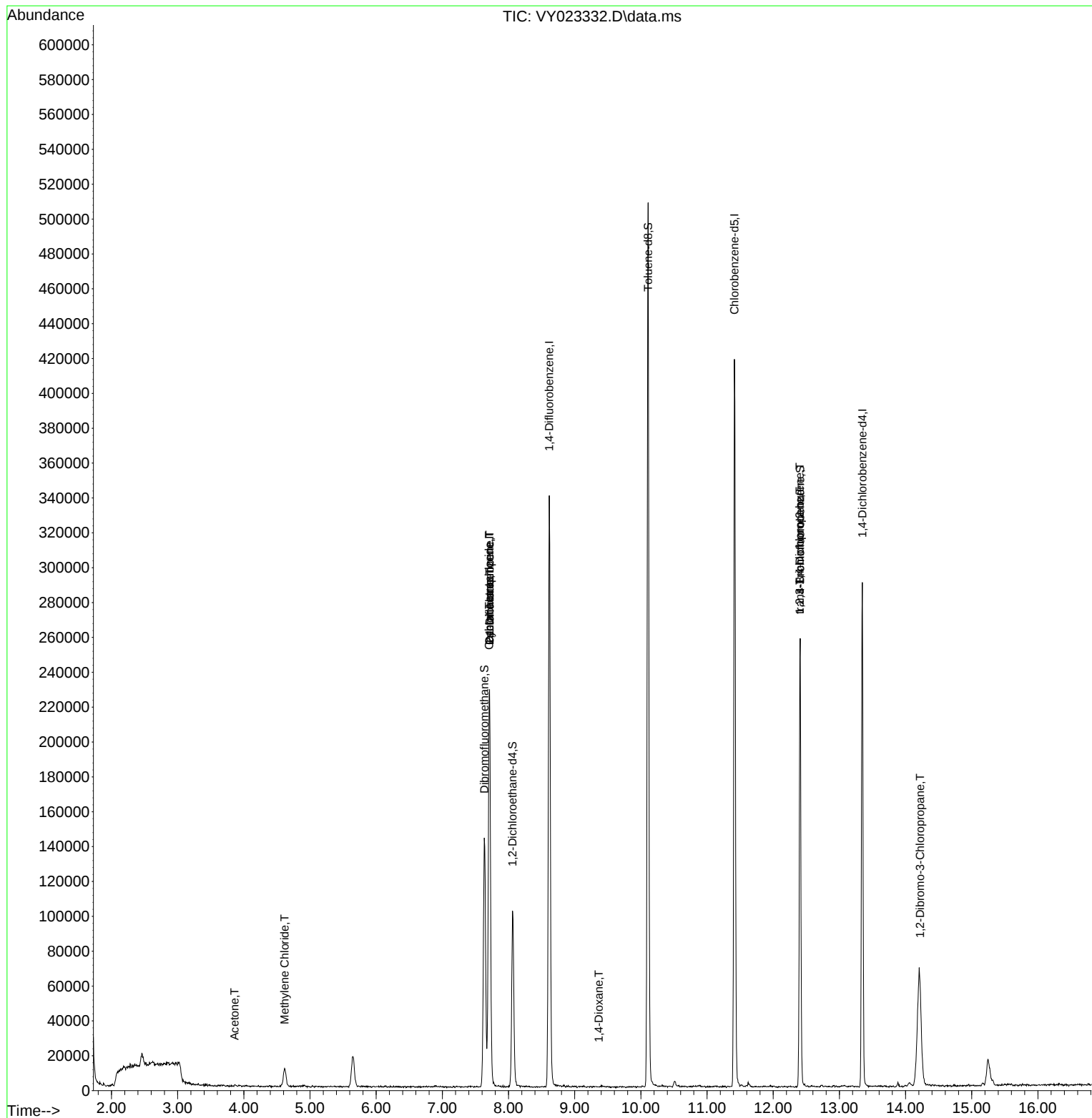
Internal Standards						
1) Pentafluorobenzene	7.713	168	190328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	302262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	239008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	78546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	78793	47.113	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.220%
35) Dibromofluoromethane	7.634	113	100868	54.593	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.180%
50) Toluene-d8	10.109	98	346029	49.598	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.200%
62) 4-Bromofluorobenzene	12.407	95	77891	35.477	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.960%
Target Compounds						
					Qvalue	
16) Acetone	3.860	43	1294	3.397	ug/l	95
20) Methylene Chloride	4.616	84	8066	3.958	ug/l	88
31) Cyclohexane	7.713	56	3573	1.221	ug/l #	1
36) 1,1-Dichloropropene	7.713	75	13539	5.145	ug/l #	50
38) Carbon Tetrachloride	7.707	117	18049	5.961	ug/l #	18
49) 1,4-Dioxane	9.365	88	24	2.102	ug/l #	24
76) 1,2,3-Trichloropropane	12.401	75	38608	48.538	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	38608	132.366	ug/l #	14
92) 1,2-Dibromo-3-Chloropr...	14.218	75	540	3.876	ug/l #	1

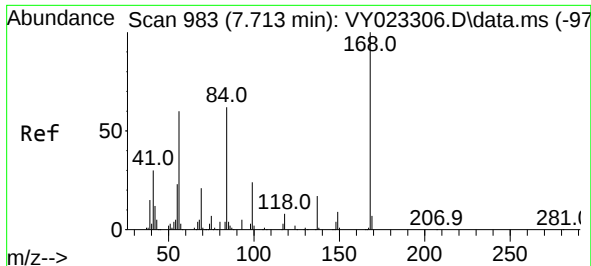
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091025\
Data File : VY023332.D
Acq On : 10 Sep 2025 14:49
Operator : SY/MD
Sample : Q3065-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-204

Quant Time: Sep 11 03:50:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 10 01:44:33 2025
Response via : Initial Calibration

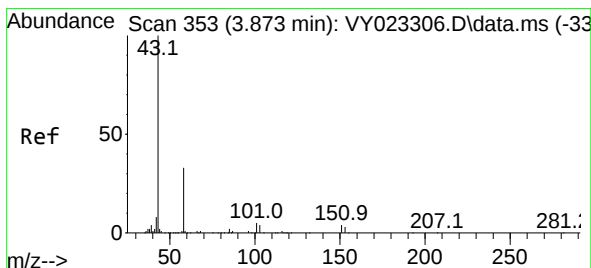
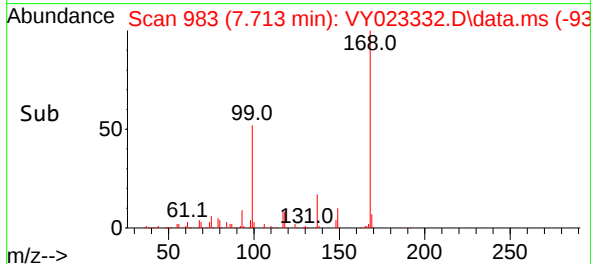
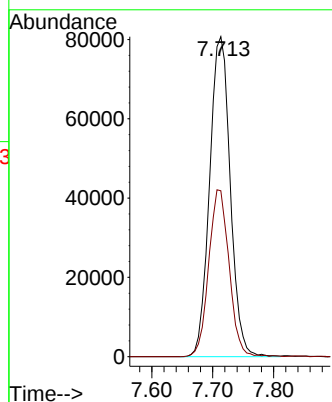
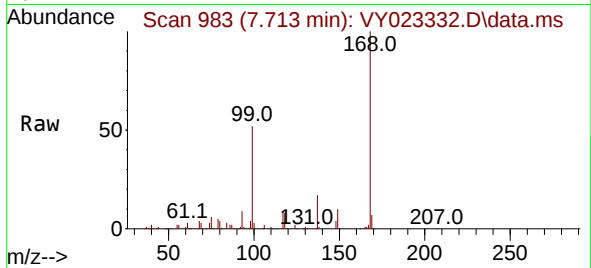




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023332.D
Acq: 10 Sep 2025 14:49

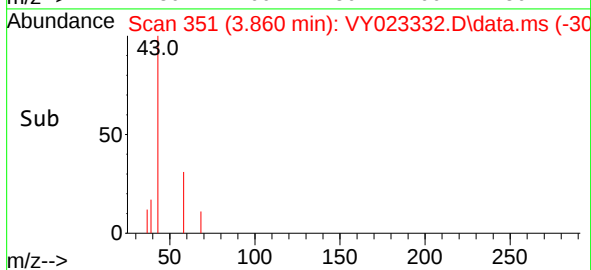
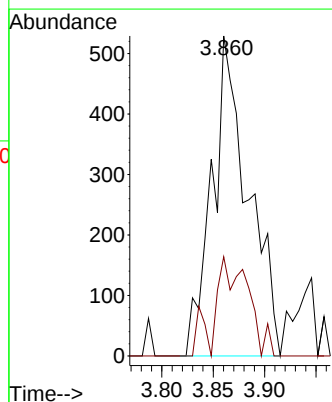
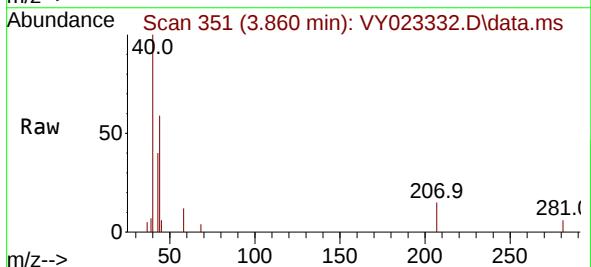
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-204

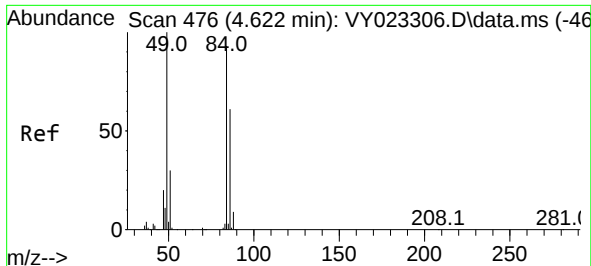
Tgt Ion:168 Resp: 190328
Ion Ratio Lower Upper
168 100
99 51.8 42.8 64.2



#16
Acetone
Concen: 3.397 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY023332.D
Acq: 10 Sep 2025 14:49

Tgt Ion: 43 Resp: 1294
Ion Ratio Lower Upper
43 100
58 31.0 27.1 40.7

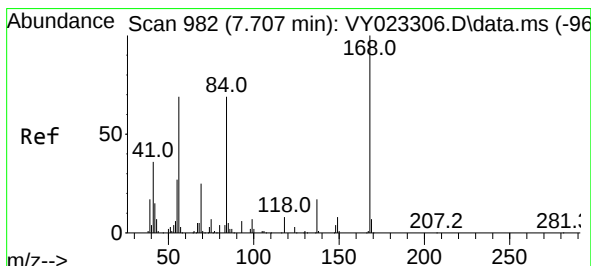
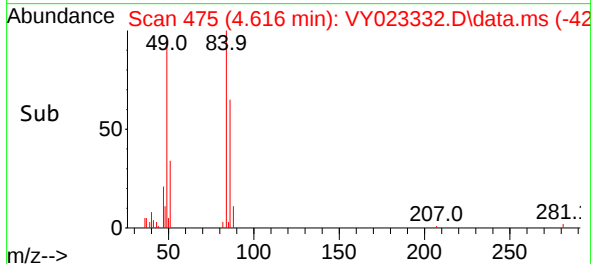
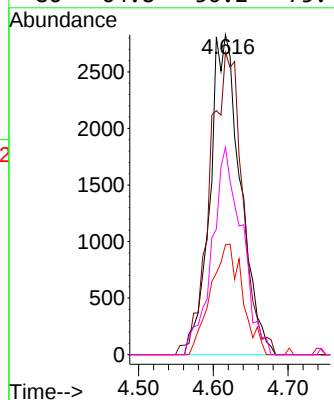
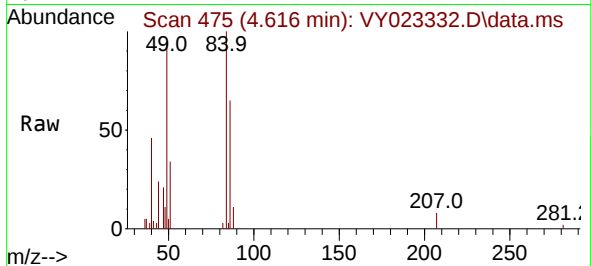




#20
Methylene Chloride
Concen: 3.958 ug/l
RT: 4.616 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY023332.D
Acq: 10 Sep 2025 14:49

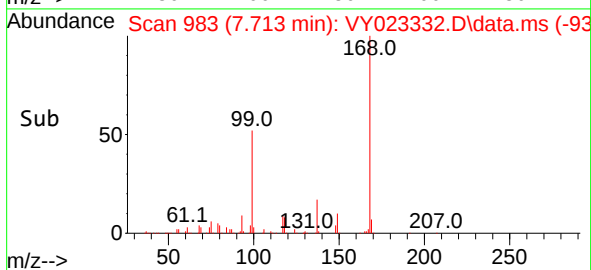
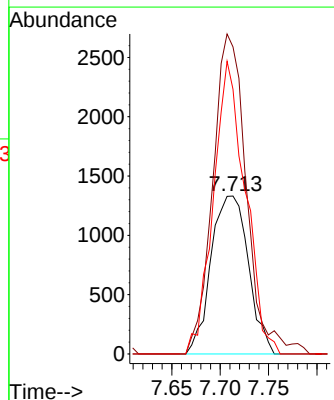
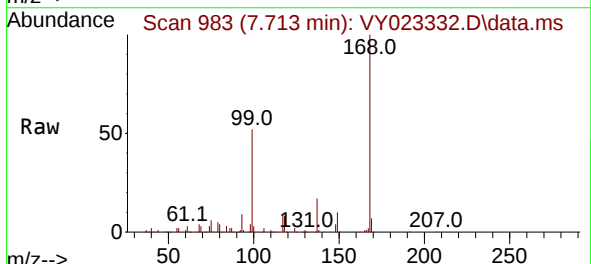
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-204

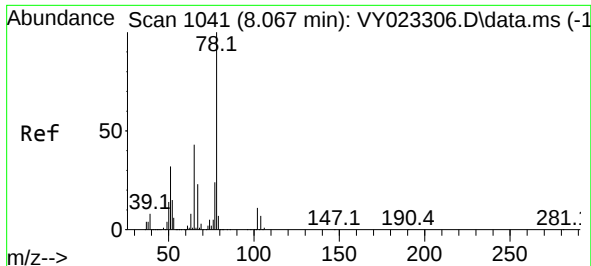
Tgt Ion:	84	Resp:	8066
Ion	Ratio	Lower	Upper
84	100		
49	94.5	93.0	139.6
51	34.4	29.0	43.4
86	64.8	50.2	75.4



#31
Cyclohexane
Concen: 1.221 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.018 min
Lab File: VY023332.D
Acq: 10 Sep 2025 14:49

Tgt Ion:	56	Resp:	3573
Ion	Ratio	Lower	Upper
56	100		
69	194.5	28.2	42.2#
84	167.6	76.6	114.8#





#33

1,2-Dichloroethane-d4

Concen: 47.113 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY023332.D

Acq: 10 Sep 2025 14:49

Instrument :

MSVOA_Y

ClientSampleId :

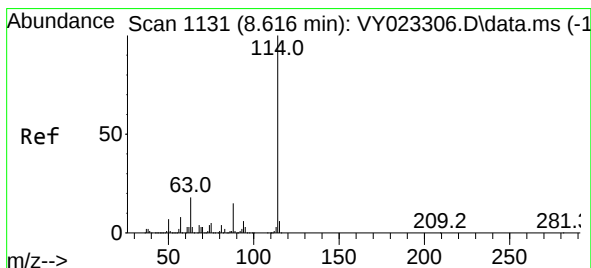
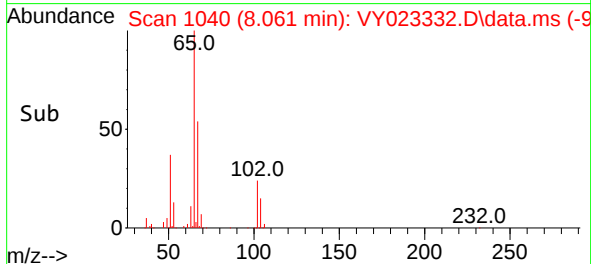
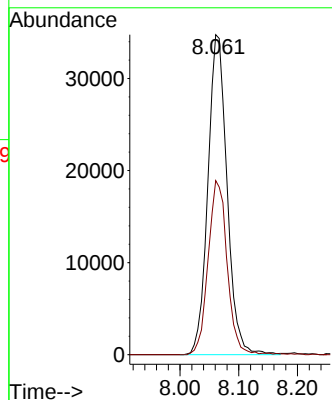
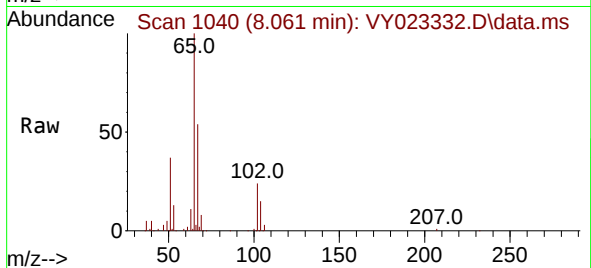
VNJ-204

Tgt Ion: 65 Resp: 78793

Ion Ratio Lower Upper

65 100

67 53.9 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023332.D

Acq: 10 Sep 2025 14:49

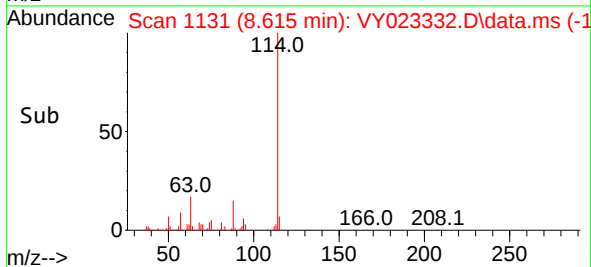
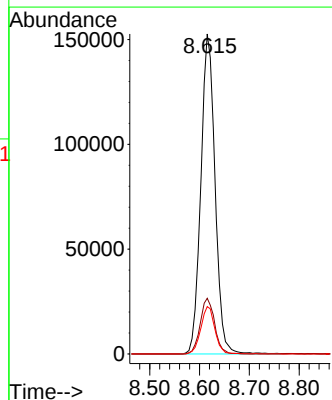
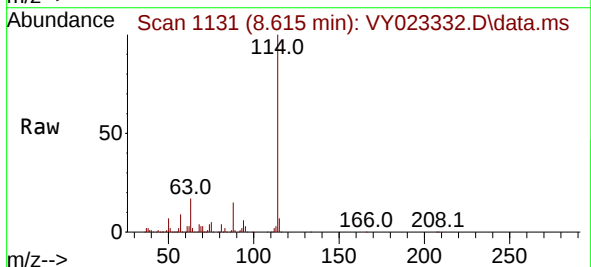
Tgt Ion: 114 Resp: 302262

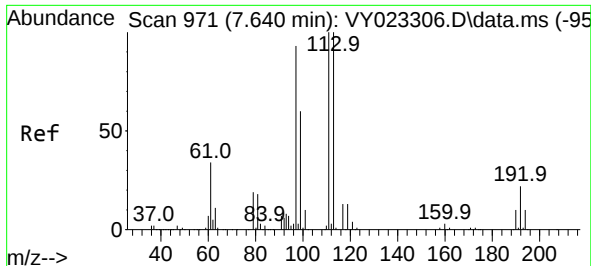
Ion Ratio Lower Upper

114 100

63 17.4 0.0 38.4

88 14.8 0.0 30.0

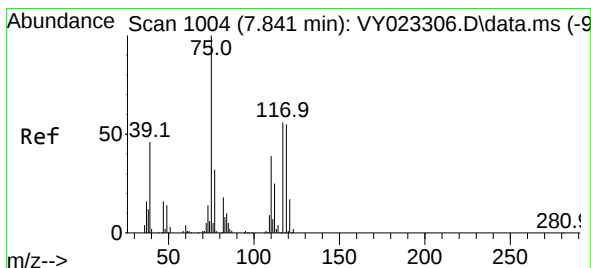
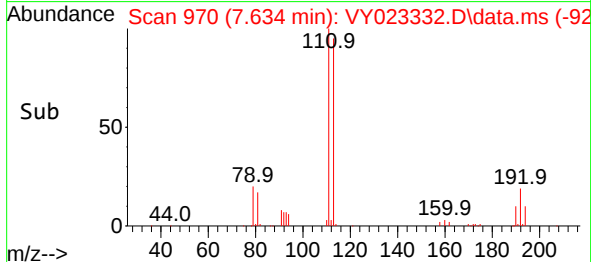
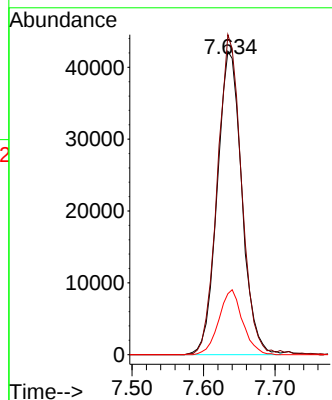
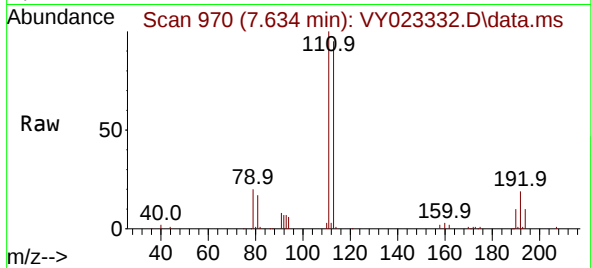




#35
Dibromofluoromethane
Concen: 54.593 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023332.D
Acq: 10 Sep 2025 14:49

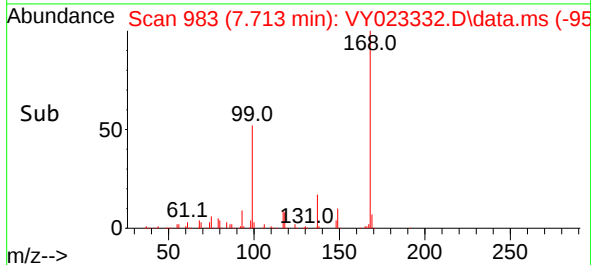
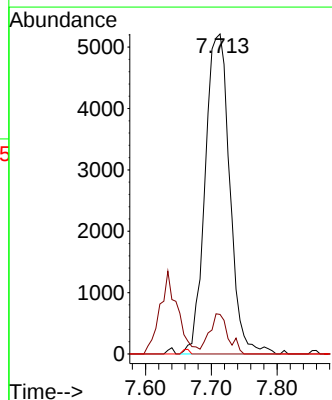
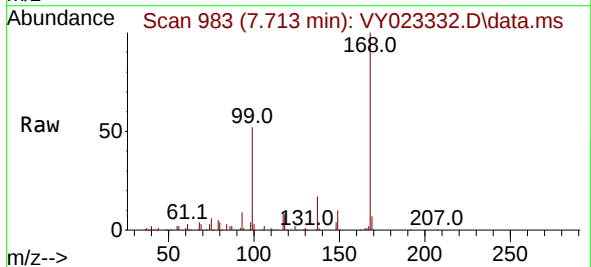
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-204

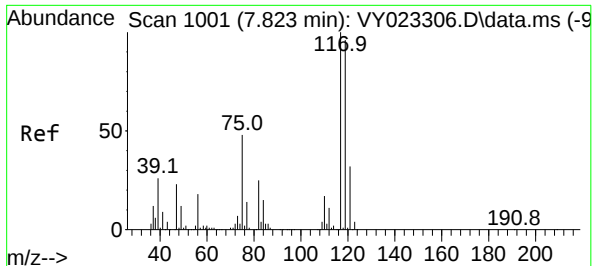
Tgt Ion:113 Resp: 100868
Ion Ratio Lower Upper
113 100
111 103.9 81.1 121.7
192 20.6 16.2 24.4



#36
1,1-Dichloropropene
Concen: 5.145 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.116 min
Lab File: VY023332.D
Acq: 10 Sep 2025 14:49

Tgt Ion: 75 Resp: 13539
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.4#
77 0.0 24.6 37.0#

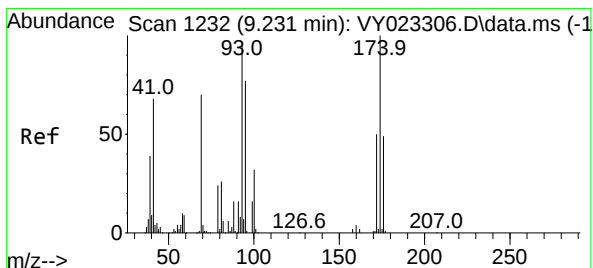
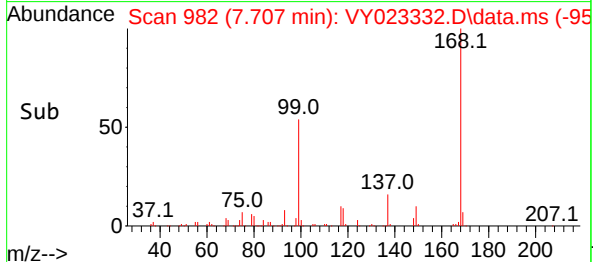
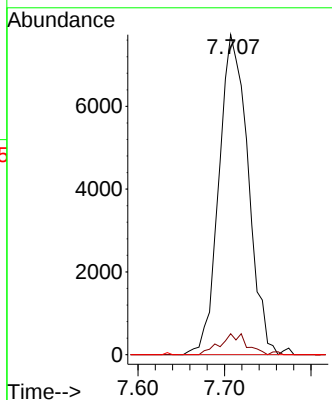
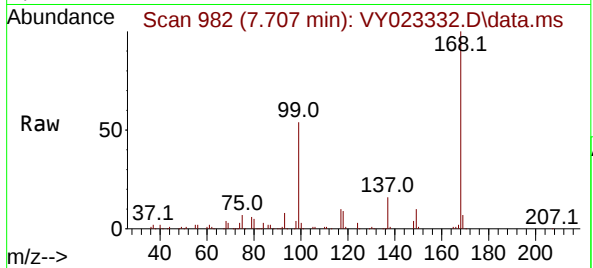




#38
Carbon Tetrachloride
Concen: 5.961 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY023332.D
Acq: 10 Sep 2025 14:49

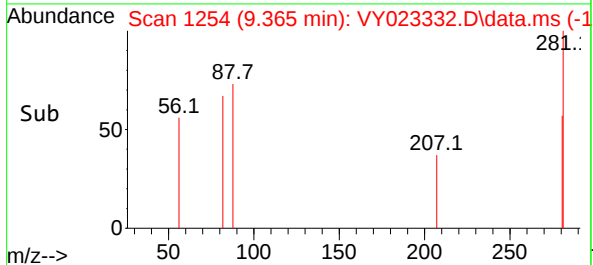
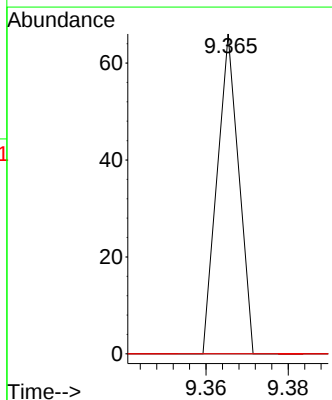
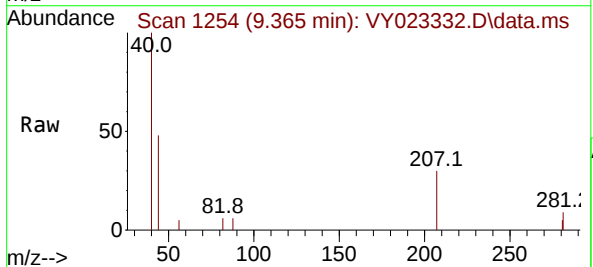
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-204

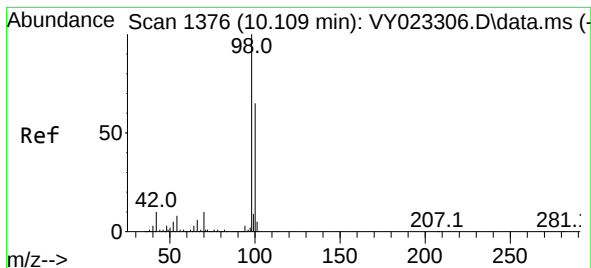
Tgt Ion:117 Resp: 18049
Ion Ratio Lower Upper
117 100
119 6.6 75.6 113.4#
121 0.0 25.8 38.8#



#49
1,4-Dioxane
Concen: 2.102 ug/l
RT: 9.365 min Scan# 1254
Delta R.T. 0.140 min
Lab File: VY023332.D
Acq: 10 Sep 2025 14:49

Tgt Ion: 88 Resp: 24
Ion Ratio Lower Upper
88 100
43 0.0 24.3 36.5#
58 0.0 55.4 83.0#





#50

Toluene-d8

Concen: 49.598 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023332.D

Acq: 10 Sep 2025 14:49

Instrument :

MSVOA_Y

ClientSampleId :

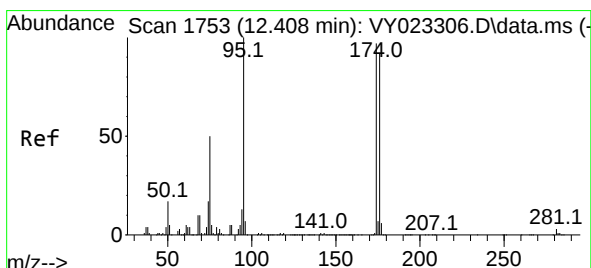
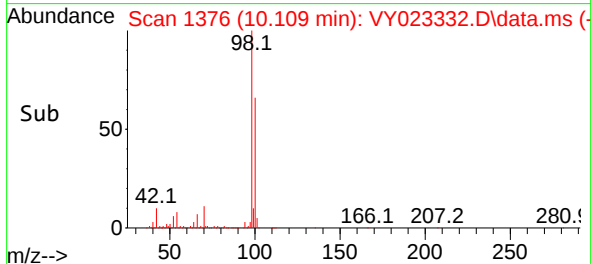
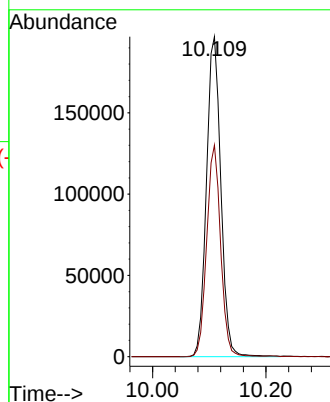
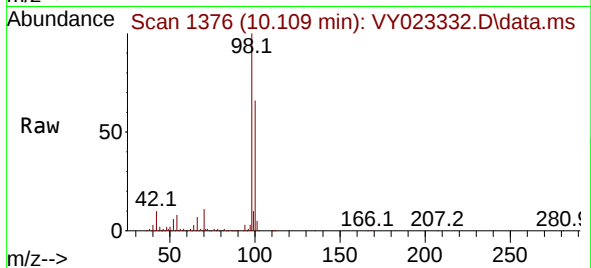
VNJ-204

Tgt Ion: 98 Resp: 346029

Ion Ratio Lower Upper

98 100

100 64.0 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 35.477 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY023332.D

Acq: 10 Sep 2025 14:49

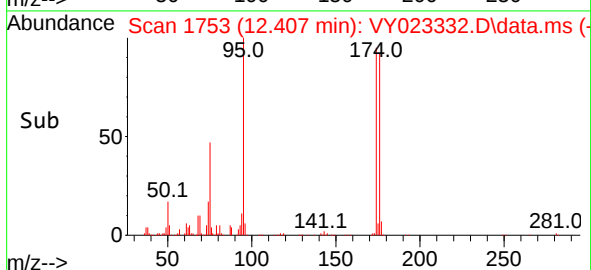
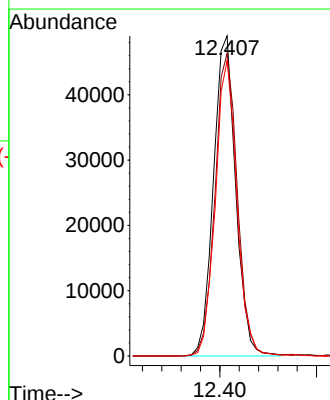
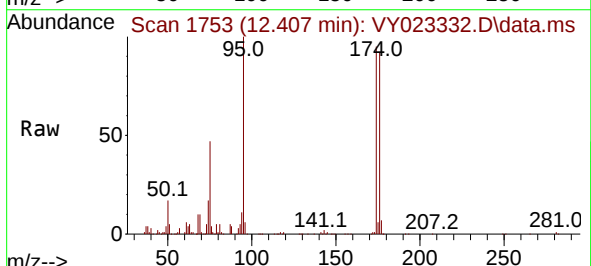
Tgt Ion: 95 Resp: 77891

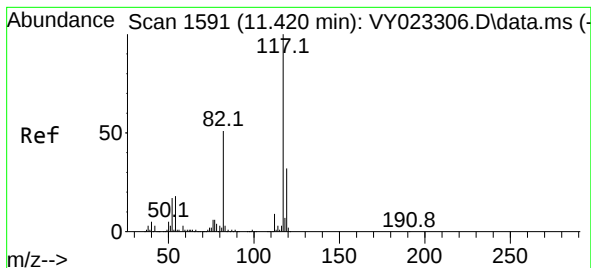
Ion Ratio Lower Upper

95 100

174 95.4 0.0 171.6

176 89.8 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023332.D

Acq: 10 Sep 2025 14:49

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-204

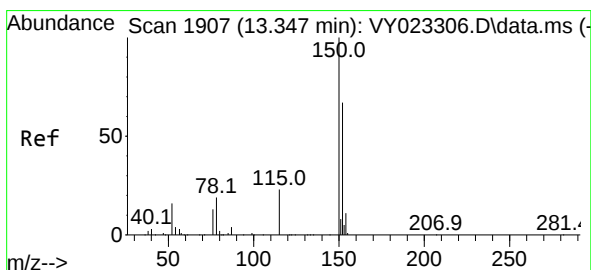
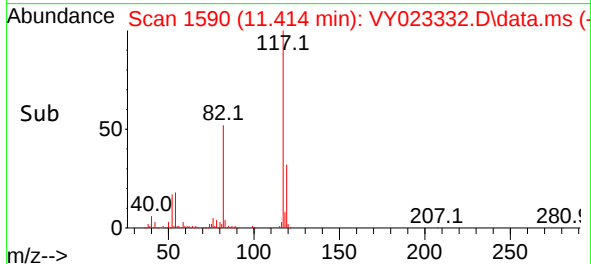
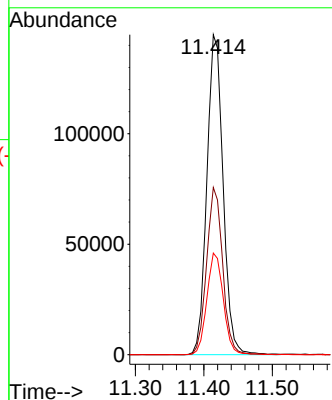
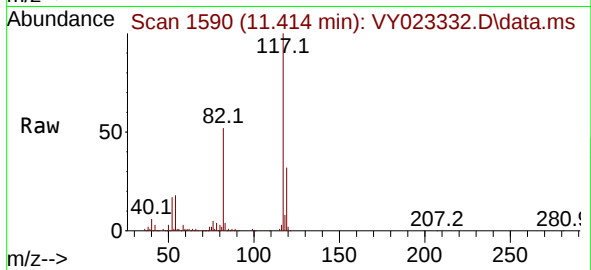
Tgt Ion:117 Resp: 239008

Ion Ratio Lower Upper

117 100

82 52.3 43.4 65.0

119 31.8 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023332.D

Acq: 10 Sep 2025 14:49

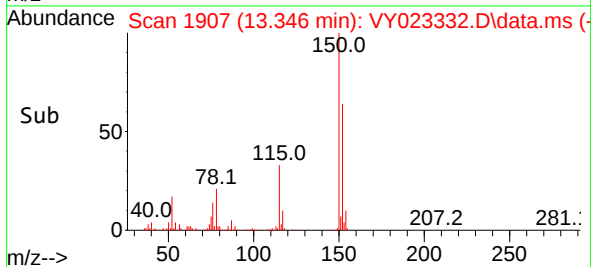
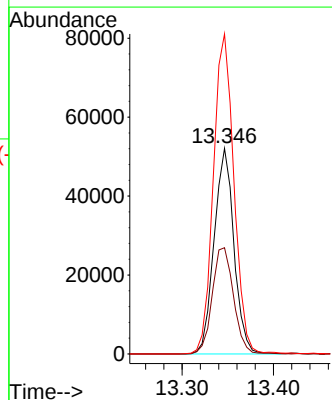
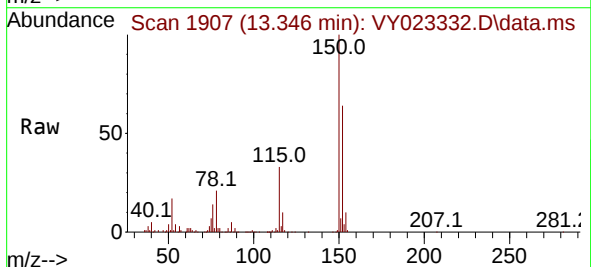
Tgt Ion:152 Resp: 78546

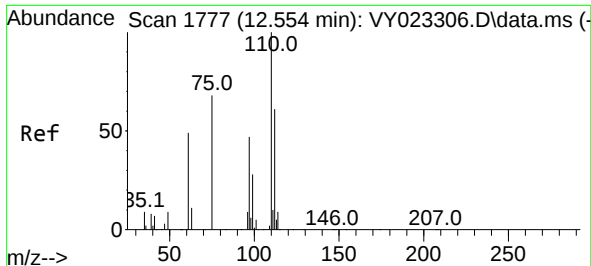
Ion Ratio Lower Upper

152 100

115 55.5 28.2 84.6

150 161.5 0.0 348.0

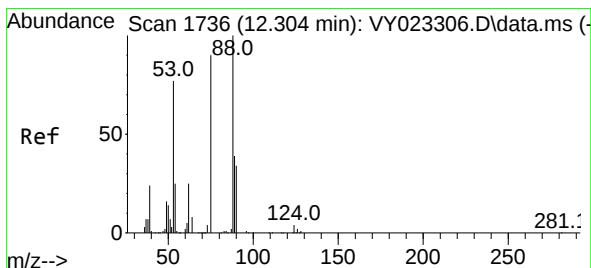
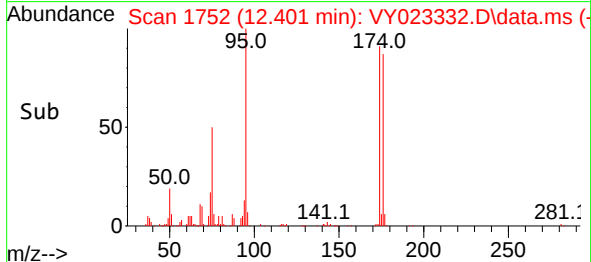
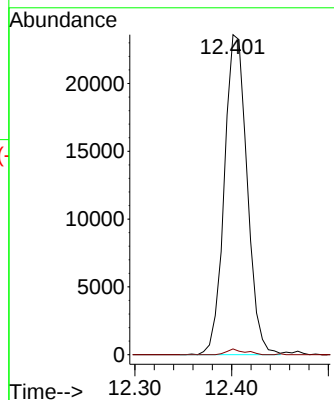
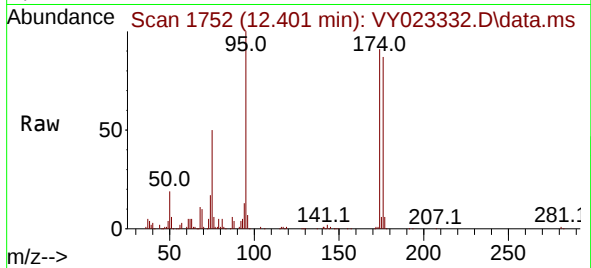




#76
1,2,3-Trichloropropane
Concen: 48.538 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.146 min
Lab File: VY023332.D
Acq: 10 Sep 2025 14:49

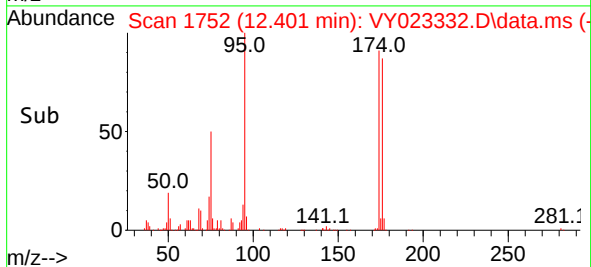
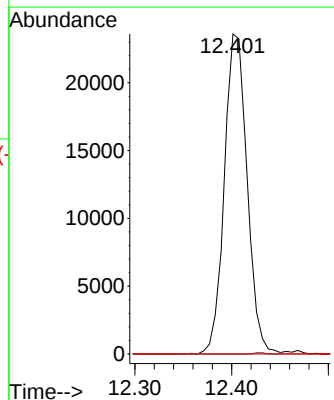
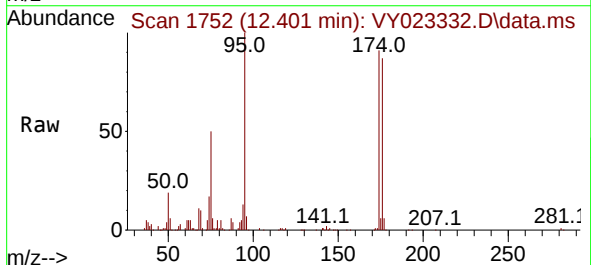
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-204

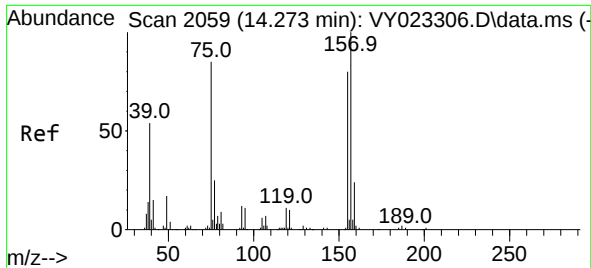
Tgt Ion: 75 Resp: 38608
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 132.366 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.104 min
Lab File: VY023332.D
Acq: 10 Sep 2025 14:49

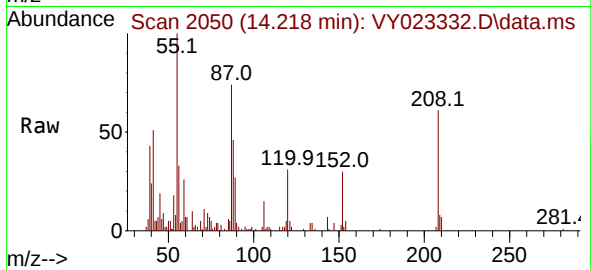
Tgt Ion: 75 Resp: 38608
Ion Ratio Lower Upper
75 100
53 0.0 70.8 106.2#
89 0.0 38.1 57.1#





#92
1,2-Dibromo-3-Chloropropane
Concen: 3.876 ug/l
RT: 14.218 min Scan# 2050
Delta R.T. -0.049 min
Lab File: VY023332.D
Acq: 10 Sep 2025 14:49

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-204



Tgt Ion:	75	Resp:	540
Ion	Ratio	Lower	Upper
75	100		
155	0.0	43.9	131.6#
157	0.0	57.2	171.6#

