

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
 Data File : VY022372.D
 Acq On : 21 May 2025 17:05
 Operator : SY/MD
 Sample : Q2092-01
 Misc : 4.95g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-202

Quant Time: May 22 00:13:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

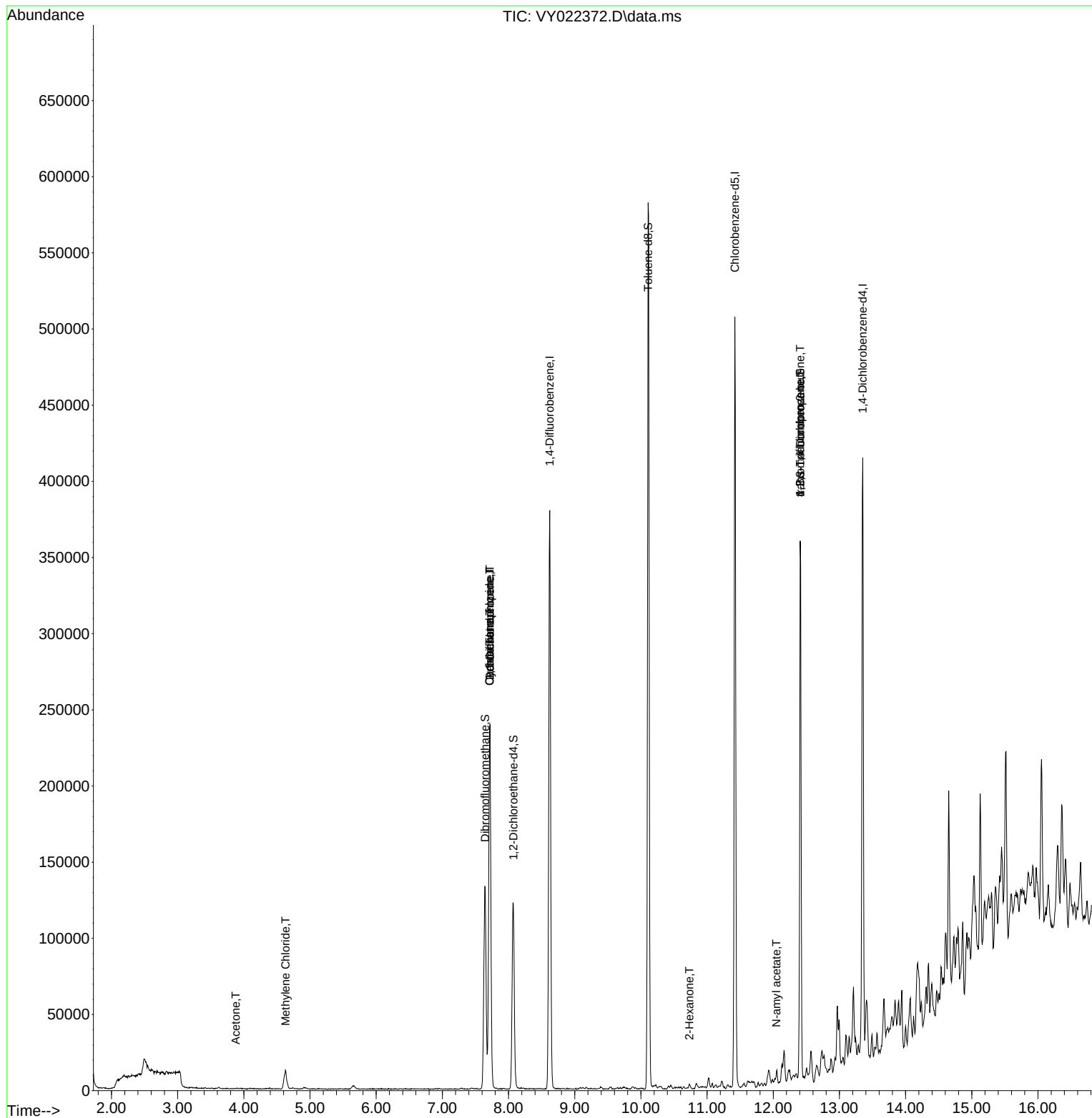
Internal Standards						
1) Pentafluorobenzene	7.719	168	182400	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.622	114	315562	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	249083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	95139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	95099	47.705	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.420%
35) Dibromofluoromethane	7.646	113	92572	49.150	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.300%
50) Toluene-d8	10.109	98	369578	47.911	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.820%
62) 4-Bromofluorobenzene	12.408	95	95595	39.098	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.200%
Target Compounds						
					Qvalue	
16) Acetone	3.879	43	727	1.945	ug/l #	45
20) Methylene Chloride	4.628	84	8041	3.329	ug/l	96
31) Cyclohexane	7.713	56	4687	1.162	ug/l #	19
36) 1,1-Dichloropropene	7.719	75	15195	4.898	ug/l #	51
38) Carbon Tetrachloride	7.713	117	18957	5.903	ug/l #	17
59) 2-Hexanone	10.731	43	1403	1.310	ug/l #	26
74) N-amyl acetate	12.048	43	2410	1.069	ug/l #	50
76) 1,2,3-Trichloropropane	12.408	75	54138	56.168	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	54138	113.782	ug/l #	12

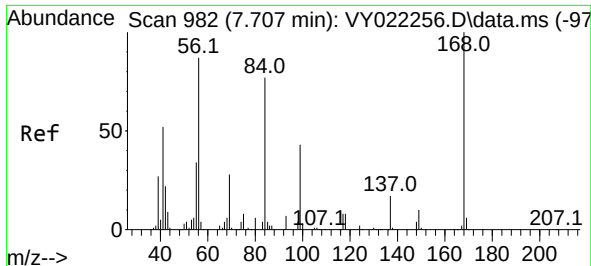
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
Data File : VY022372.D
Acq On : 21 May 2025 17:05
Operator : SY/MD
Sample : Q2092-01
Misc : 4.95g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-202

Quant Time: May 22 00:13:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

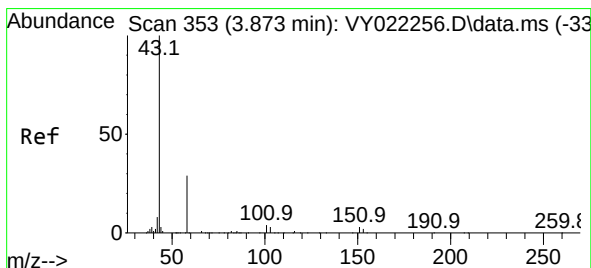
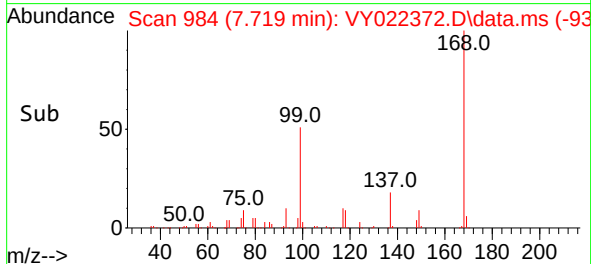
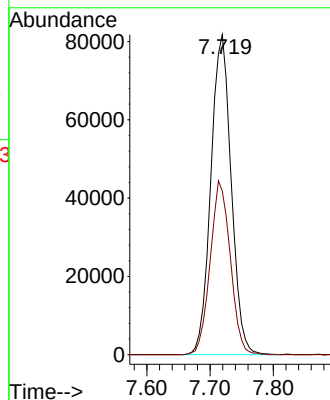
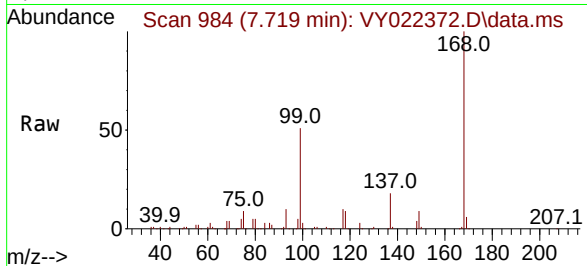




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY022372.D
Acq: 21 May 2025 17:05

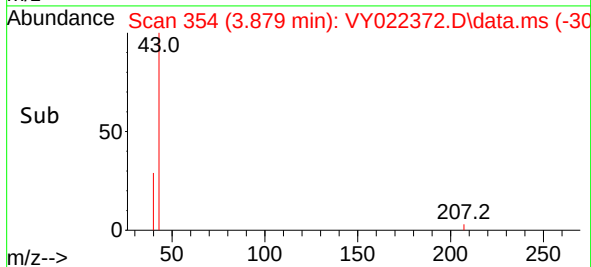
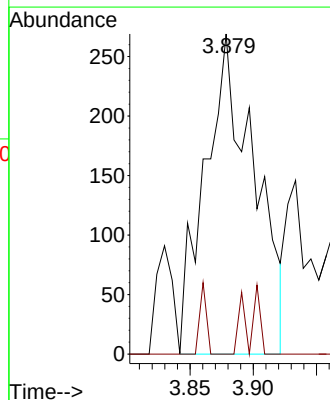
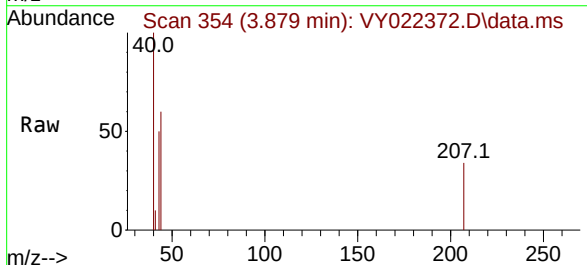
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-202

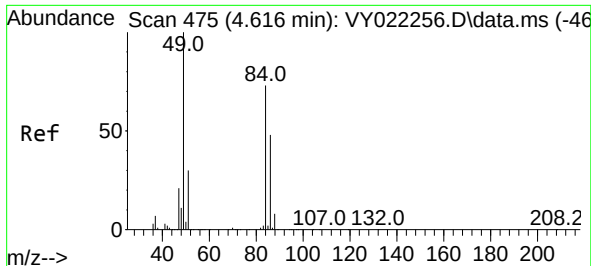
Tgt Ion:168 Resp: 182400
Ion Ratio Lower Upper
168 100
99 51.2 44.2 66.4



#16
Acetone
Concen: 1.945 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY022372.D
Acq: 21 May 2025 17:05

Tgt Ion: 43 Resp: 727
Ion Ratio Lower Upper
43 100
58 0.0 23.6 35.4#

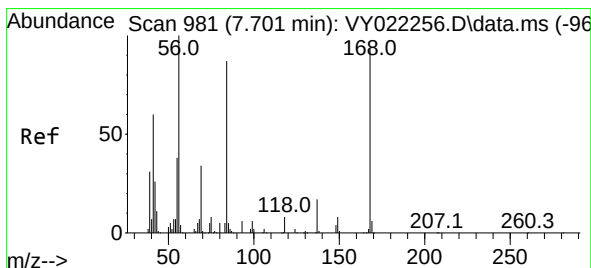
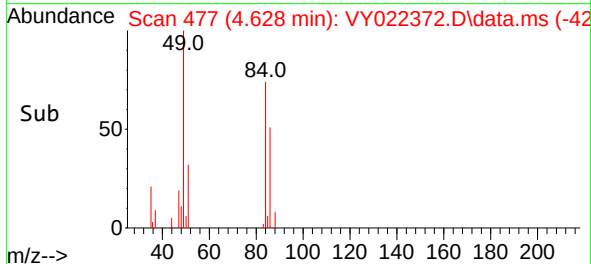
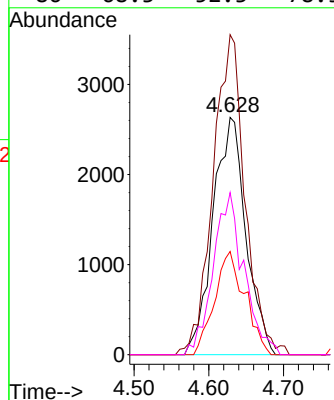
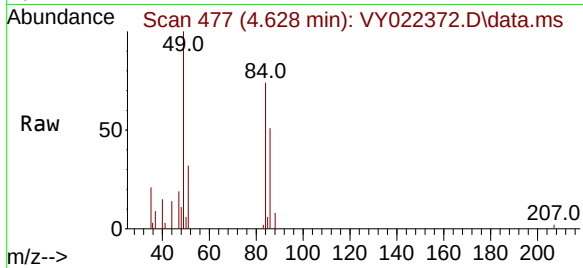




#20
Methylene Chloride
Concen: 3.329 ug/l
RT: 4.628 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY022372.D
Acq: 21 May 2025 17:05

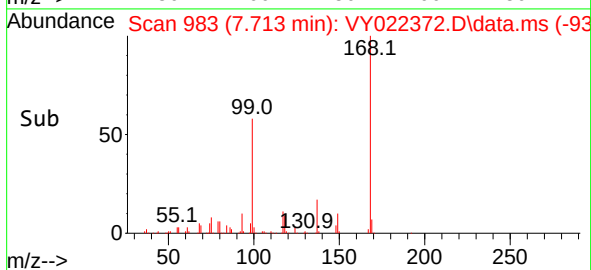
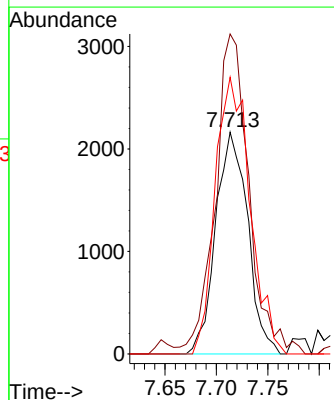
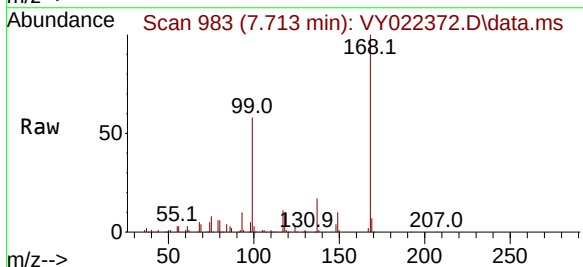
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-202

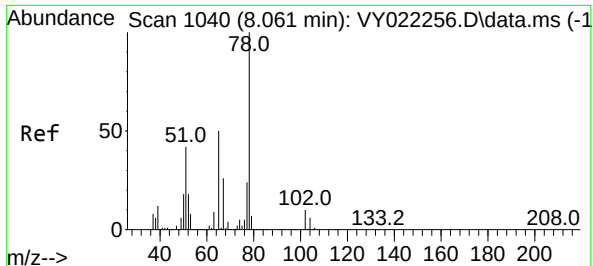
Tgt Ion:	84	Resp:	8041
Ion	Ratio	Lower	Upper
84	100		
49	132.6	109.6	164.4
51	43.5	32.4	48.6
86	68.3	52.3	78.5



#31
Cyclohexane
Concen: 1.162 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY022372.D
Acq: 21 May 2025 17:05

Tgt Ion:	56	Resp:	4687
Ion	Ratio	Lower	Upper
56	100		
69	141.2	27.4	41.2#
84	124.7	70.0	105.0#





#33

1,2-Dichloroethane-d4

Concen: 47.705 ug/l

RT: 8.073 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY022372.D

Acq: 21 May 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :

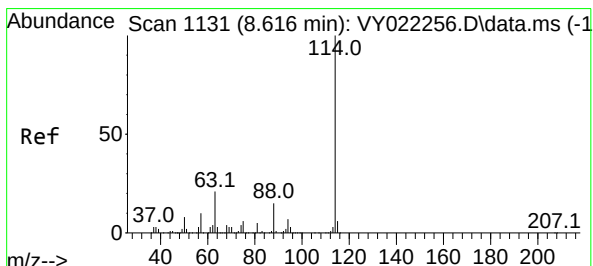
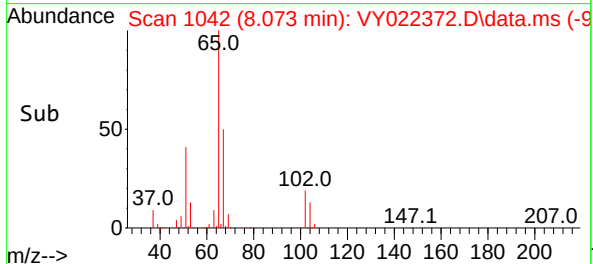
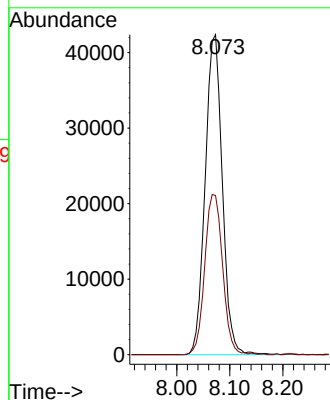
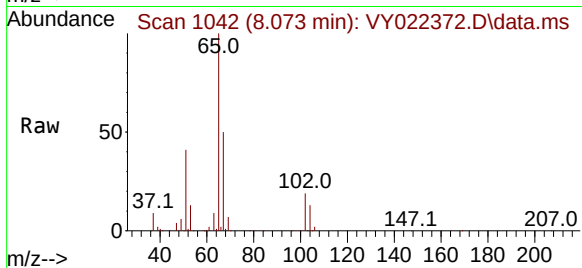
VNJ-202

Tgt Ion: 65 Resp: 95099

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY022372.D

Acq: 21 May 2025 17:05

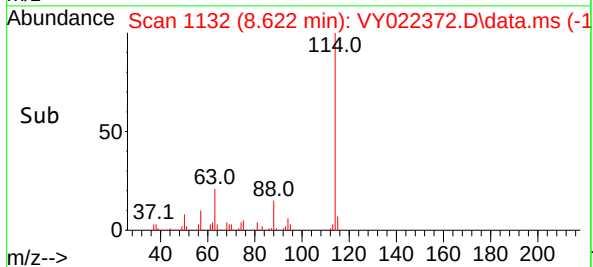
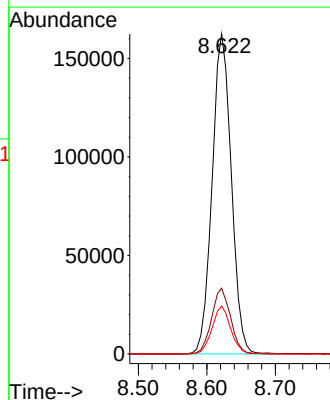
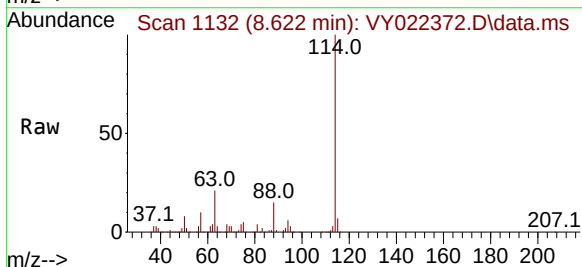
Tgt Ion: 114 Resp: 315562

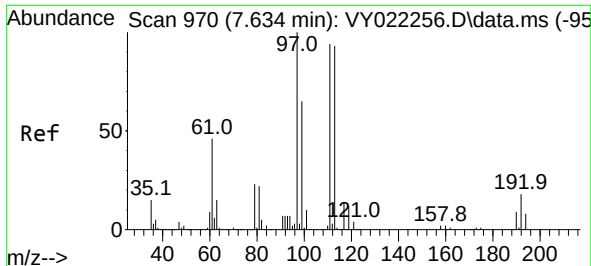
Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.0

88 15.0 0.0 29.4

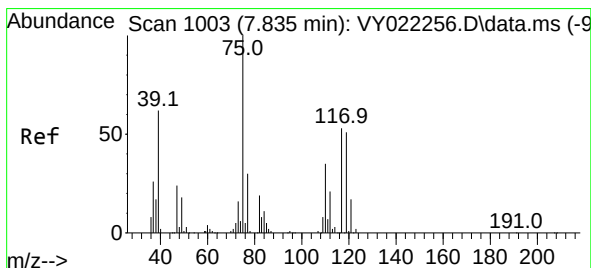
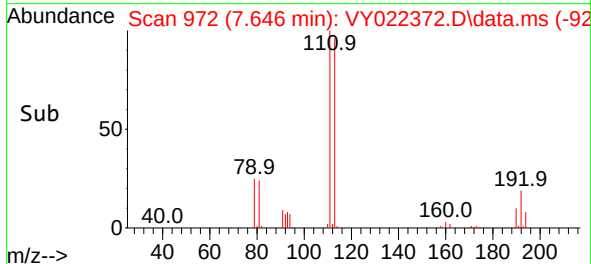
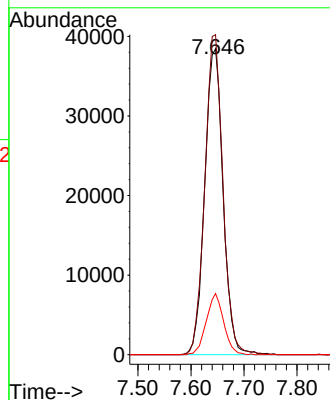
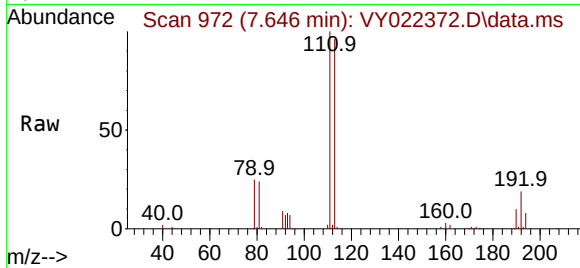




#35
Dibromofluoromethane
Concen: 49.150 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY022372.D
Acq: 21 May 2025 17:05

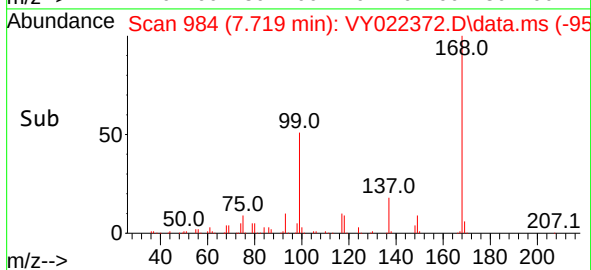
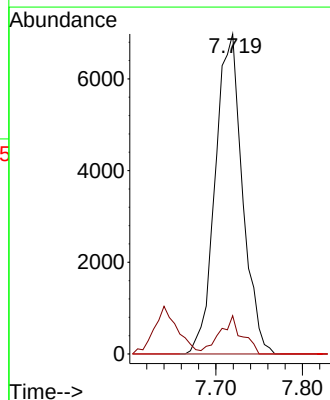
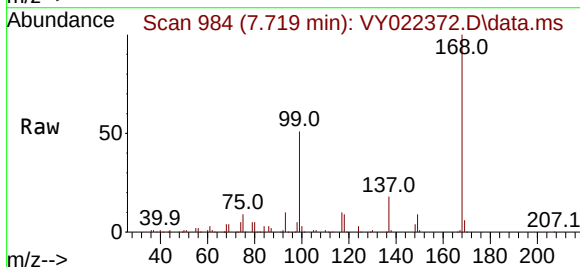
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-202

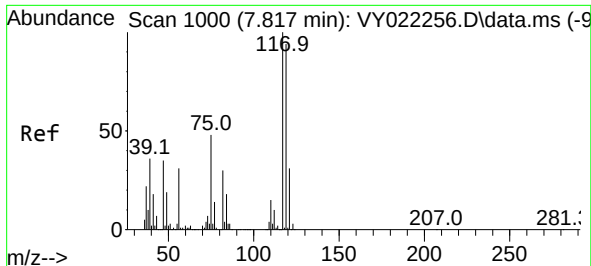
Tgt Ion:113 Resp: 92572
Ion Ratio Lower Upper
113 100
111 103.1 82.6 123.8
192 18.9 15.2 22.8



#36
1,1-Dichloropropene
Concen: 4.898 ug/l
RT: 7.719 min Scan# 984
Delta R.T. -0.116 min
Lab File: VY022372.D
Acq: 21 May 2025 17:05

Tgt Ion: 75 Resp: 15195
Ion Ratio Lower Upper
75 100
110 9.7 16.6 49.8#
77 0.0 24.6 37.0#

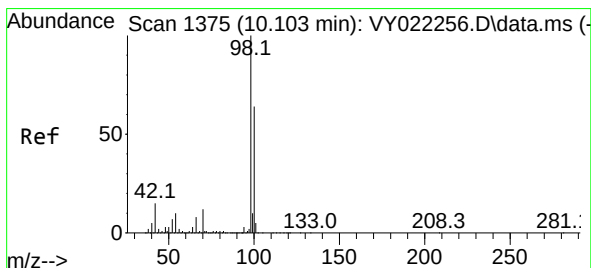
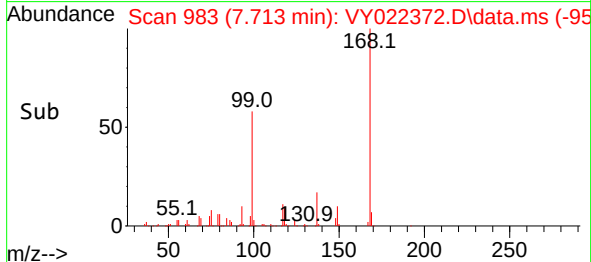
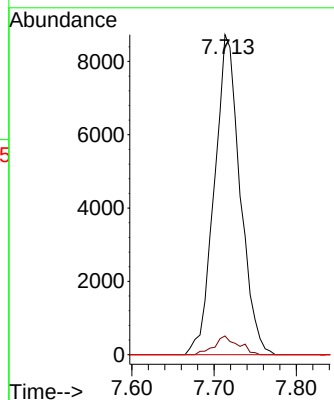
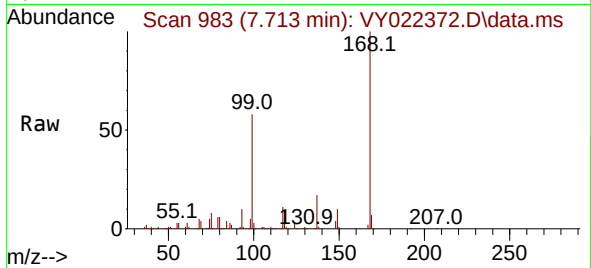




#38
Carbon Tetrachloride
Concen: 5.903 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY022372.D
Acq: 21 May 2025 17:05

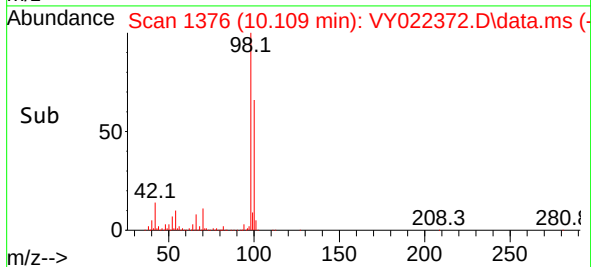
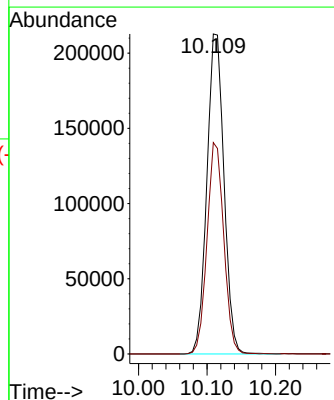
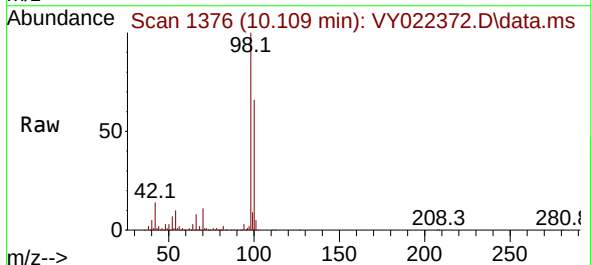
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-202

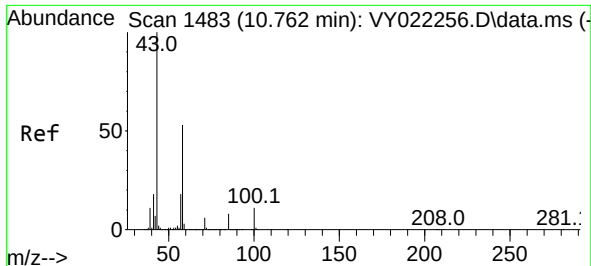
Tgt Ion:117 Resp: 18957
Ion Ratio Lower Upper
117 100
119 5.9 75.3 112.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 47.911 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY022372.D
Acq: 21 May 2025 17:05

Tgt Ion: 98 Resp: 369578
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.8

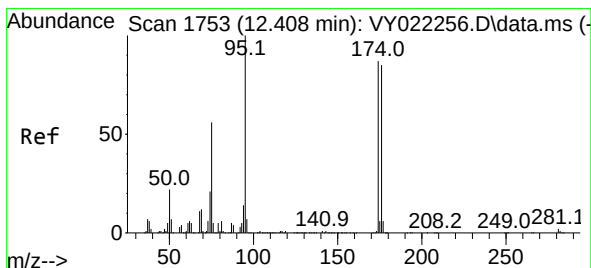
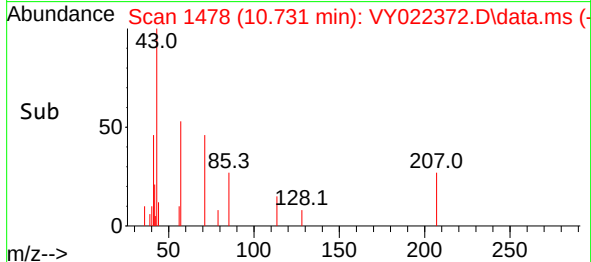
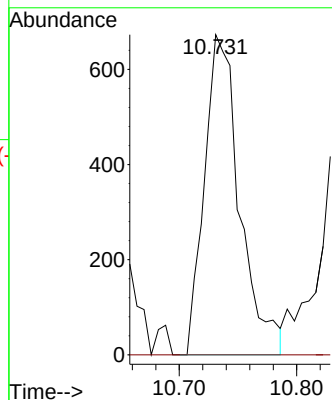
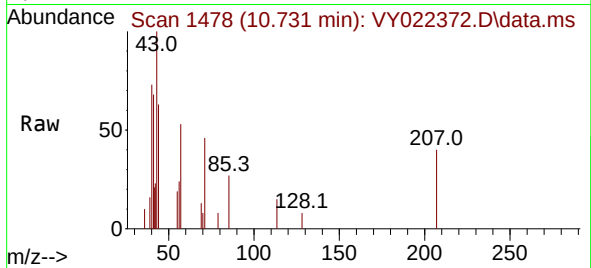




#59
2-Hexanone
Concen: 1.310 ug/l
RT: 10.731 min Scan# 1483
Delta R.T. -0.031 min
Lab File: VY022372.D
Acq: 21 May 2025 17:05

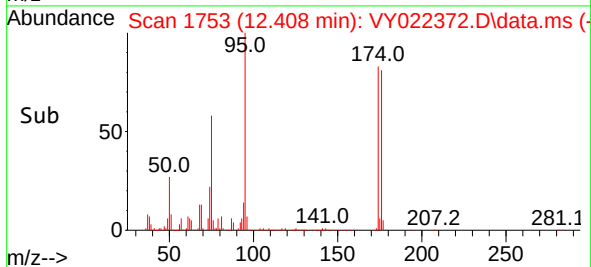
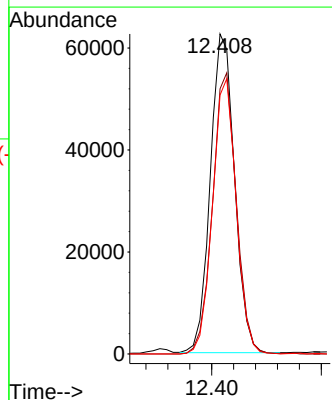
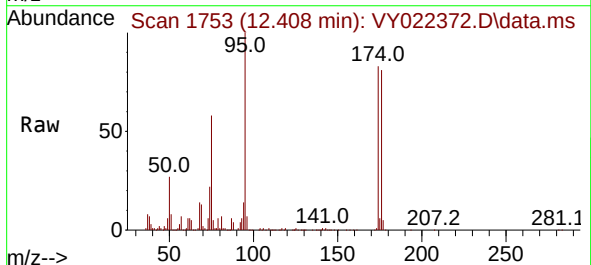
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-202

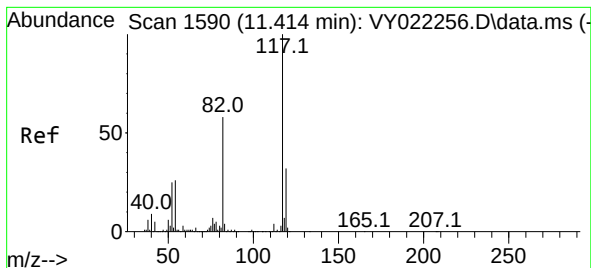
Tgt Ion: 43 Resp: 1403
Ion Ratio Lower Upper
43 100
58 0.0 26.1 78.3#



#62
4-Bromofluorobenzene
Concen: 39.098 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022372.D
Acq: 21 May 2025 17:05

Tgt Ion: 95 Resp: 95595
Ion Ratio Lower Upper
95 100
174 87.0 0.0 166.8
176 84.4 0.0 160.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022372.D

Acq: 21 May 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-202

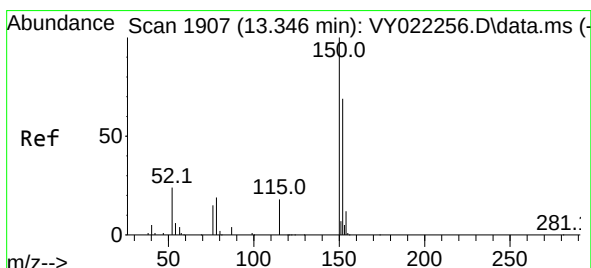
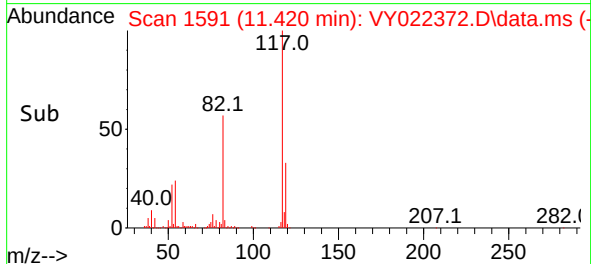
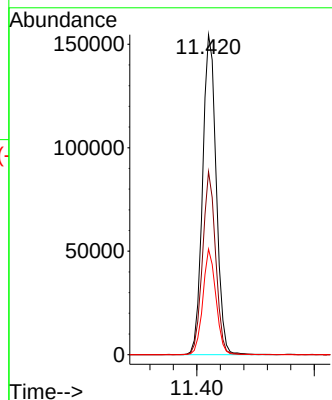
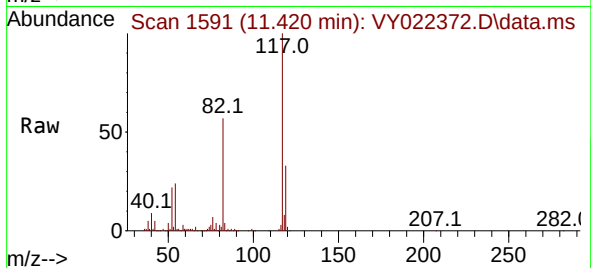
Tgt Ion:117 Resp: 249083

Ion Ratio Lower Upper

117 100

82 57.2 46.6 70.0

119 33.0 25.8 38.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY022372.D

Acq: 21 May 2025 17:05

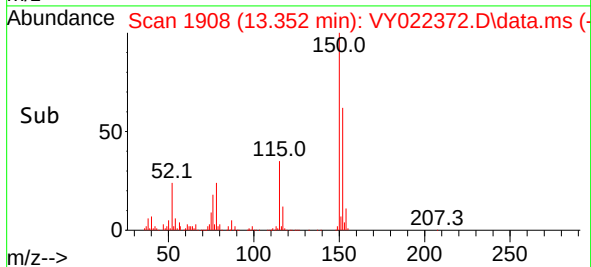
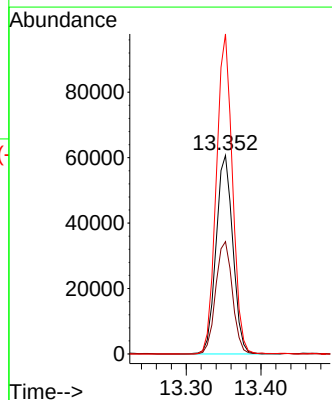
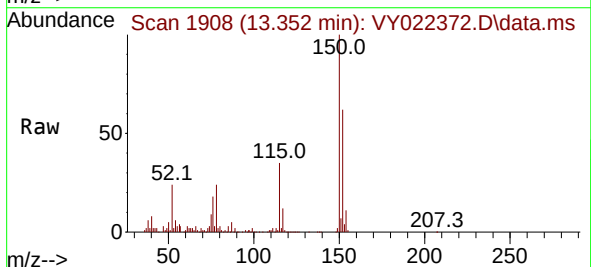
Tgt Ion:152 Resp: 95139

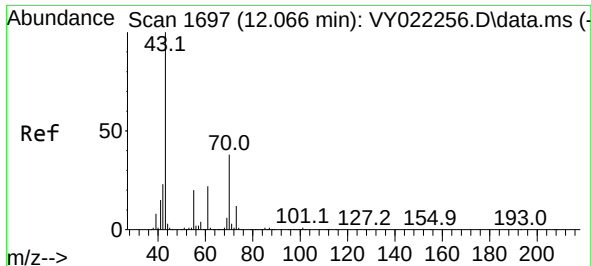
Ion Ratio Lower Upper

152 100

115 56.4 29.4 88.2

150 154.6 0.0 353.8

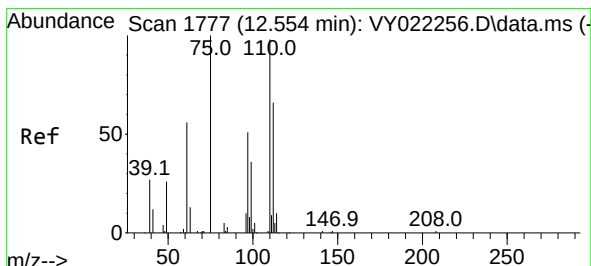
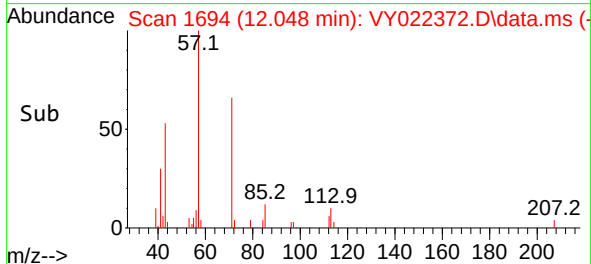
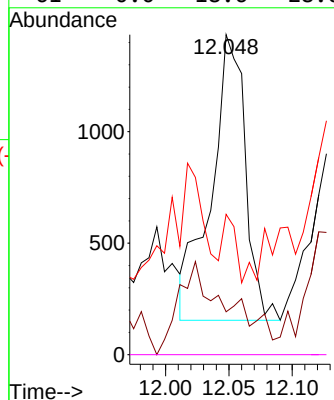
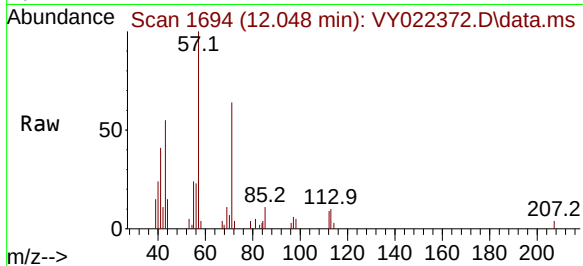




#74
N-amy1 acetate
Concen: 1.069 ug/l
RT: 12.048 min Scan# 1753
Delta R.T. -0.018 min
Lab File: VY022372.D
Acq: 21 May 2025 17:05

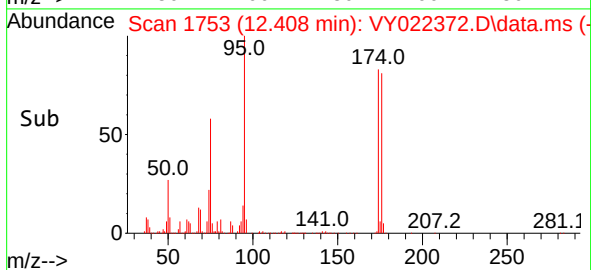
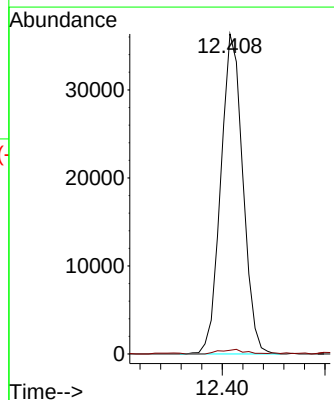
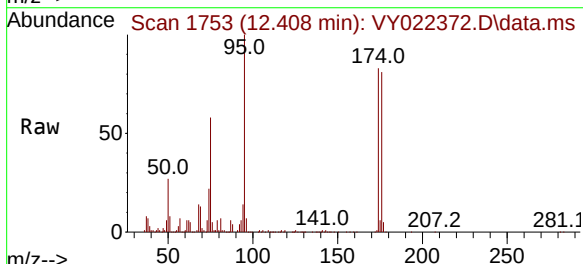
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-202

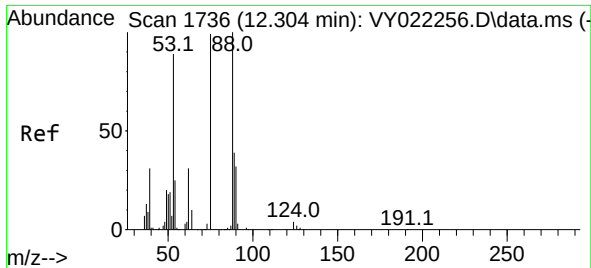
Tgt Ion: 43	Resp: 2410
Ion Ratio	Lower Upper
43 100	
70 0.0	31.4 47.0#
55 9.4	17.0 25.6#
61 0.0	18.6 28.0#



#76
1,2,3-Trichloropropane
Concen: 56.168 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY022372.D
Acq: 21 May 2025 17:05

Tgt Ion: 75	Resp: 54138
Ion Ratio	Lower Upper
75 100	
77 1.7	0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.782 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY022372.D
 Acq: 21 May 2025 17:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-202

Tgt Ion: 75 Resp: 54138
 Ion Ratio Lower Upper
 75 100
 53 1.3 75.8 113.8#
 89 0.0 36.2 54.2#

