

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW073125\
 Data File : VW031968.D
 Acq On : 31 Jul 2025 14:17
 Operator : SY/MD
 Sample : Q2734-01
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VNJ-253

Quant Time: Aug 01 01:15:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

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

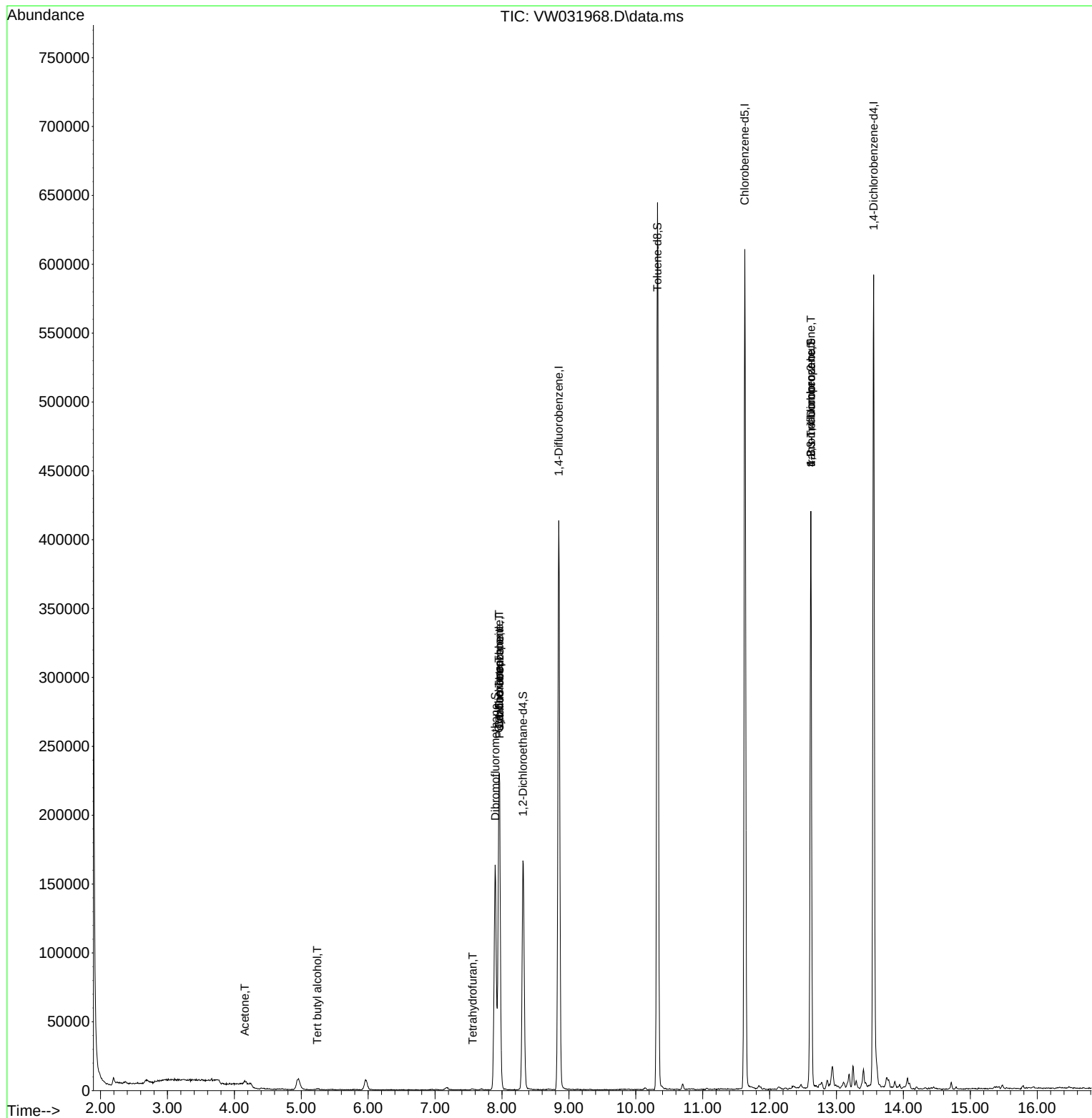
Internal Standards						
1) Pentafluorobenzene	7.965	168	156479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	340992	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	329022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	147315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	138808	58.640	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 117.280%		
35) Dibromofluoromethane	7.898	113	116885	50.445	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 100.880%		
50) Toluene-d8	10.325	98	428687	48.884	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 97.760%		
62) 4-Bromofluorobenzene	12.617	95	148884	44.215	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 88.420%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.240	59	154	1.107	ug/l #	94
13) Acrolein	3.935	56	192	Below Cal		97
16) Acetone	4.155	43	7613	13.553	ug/l	95
20) Methylene Chloride	4.960	84	7583	Below Cal		95
29) Tetrahydrofuran	7.563	42	601	1.193	ug/l #	76
31) Cyclohexane	7.953	56	3959	1.091	ug/l #	2
36) 1,1-Dichloropropene	7.959	75	15277	4.293	ug/l #	49
38) Carbon Tetrachloride	7.959	117	19348	5.666	ug/l #	18
76) 1,2,3-Trichloropropane	12.617	75	75661	37.200	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.617	75	75661	85.884	ug/l #	8

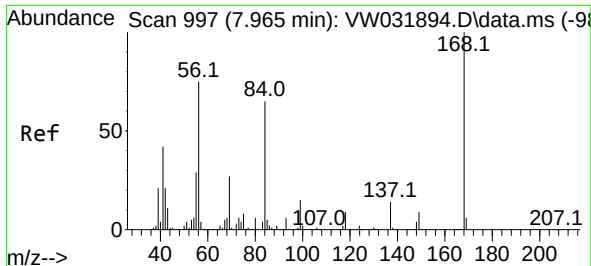
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW073125\
Data File : VW031968.D
Acq On : 31 Jul 2025 14:17
Operator : SY/MD
Sample : Q2734-01
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VNJ-253

Quant Time: Aug 01 01:15:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 23 08:18:46 2025
Response via : Initial Calibration

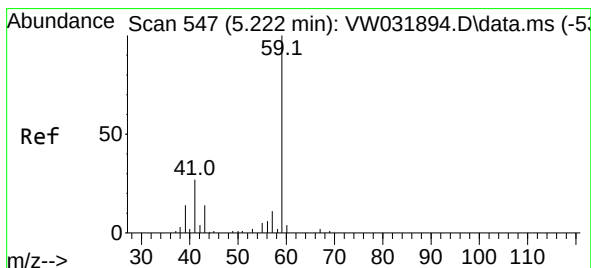
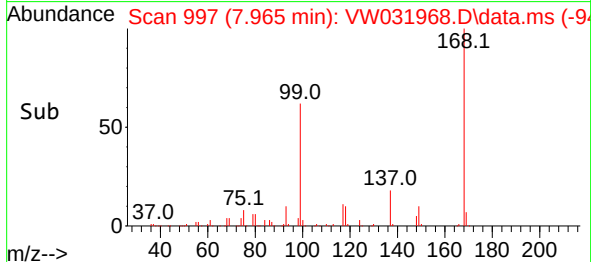
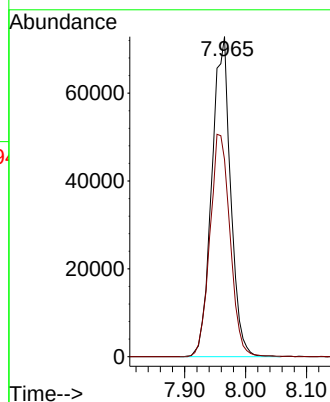
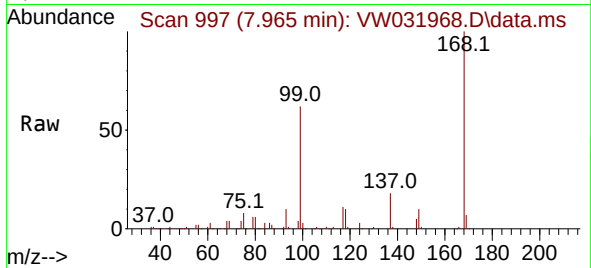




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW031968.D
Acq: 31 Jul 2025 14:17

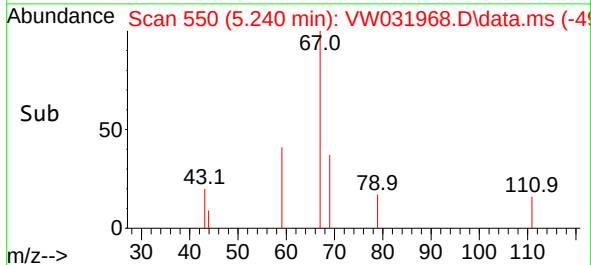
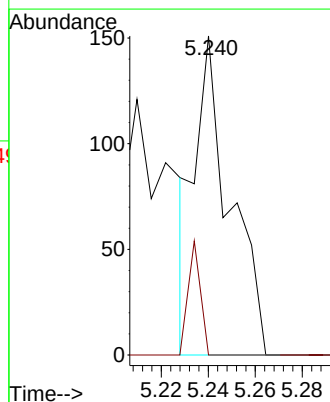
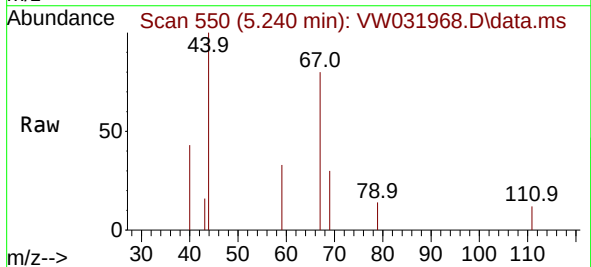
Instrument :
MSVOA_W
ClientSampleId :
VNJ-253

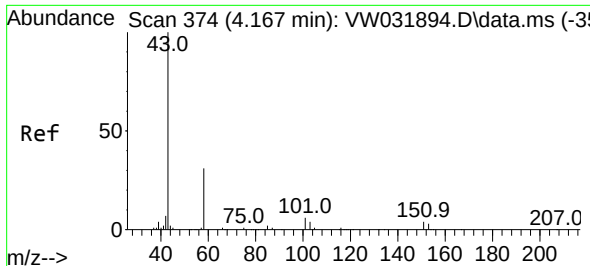
Tgt Ion:168 Resp: 156479
Ion Ratio Lower Upper
168 100
99 61.6 48.2 72.2



#11
Tert butyl alcohol
Concen: 1.107 ug/l
RT: 5.240 min Scan# 550
Delta R.T. 0.018 min
Lab File: VW031968.D
Acq: 31 Jul 2025 14:17

Tgt Ion: 59 Resp: 154
Ion Ratio Lower Upper
59 100
57 13.0 8.6 12.8#

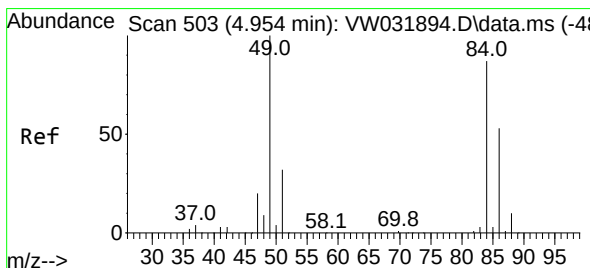
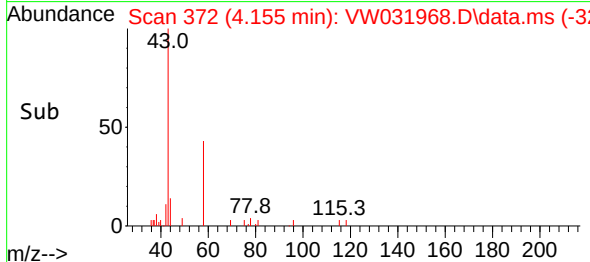
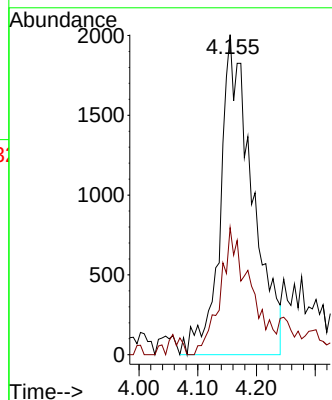
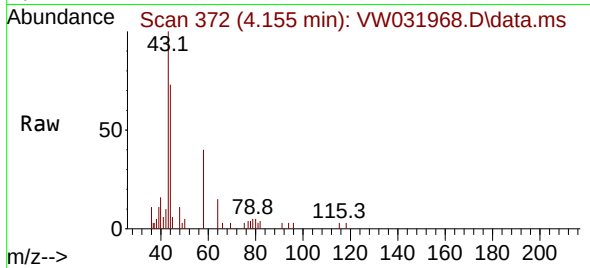




#16
Acetone
Concen: 13.553 ug/l
RT: 4.155 min Scan# 31
Delta R.T. -0.012 min
Lab File: VW031968.D
Acq: 31 Jul 2025 14:17

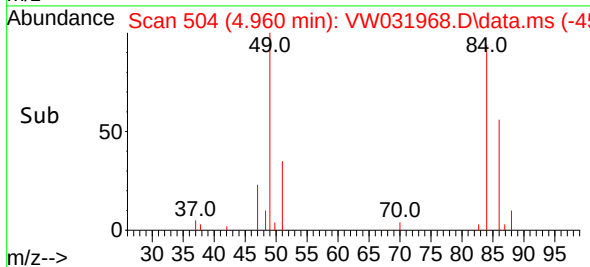
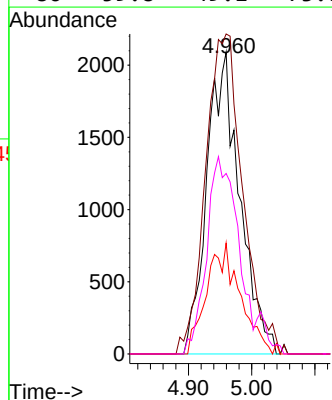
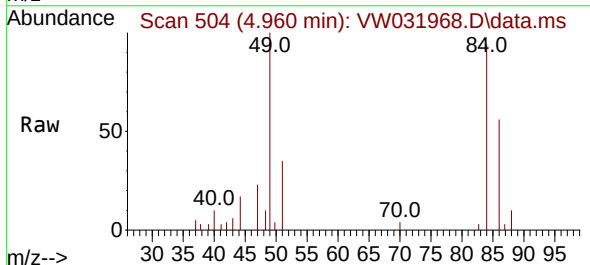
Instrument :
MSVOA_W
ClientSampleId :
VNJ-253

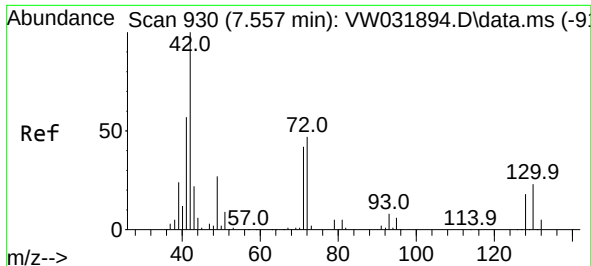
Tgt Ion: 43 Resp: 7613
Ion Ratio Lower Upper
43 100
58 34.5 25.5 38.3



#20
Methylene Chloride
Concen: Below Cal
RT: 4.960 min Scan# 504
Delta R.T. 0.006 min
Lab File: VW031968.D
Acq: 31 Jul 2025 14:17

Tgt Ion: 84 Resp: 7583
Ion Ratio Lower Upper
84 100
49 106.0 91.9 137.9
51 36.7 29.0 43.6
86 59.8 49.1 73.7





#29

Tetrahydrofuran

Concen: 1.193 ug/l

RT: 7.563 min Scan# 91

Delta R.T. 0.006 min

Lab File: VW031968.D

Acq: 31 Jul 2025 14:17

Instrument :

MSVOA_W

ClientSampleId :

VNJ-253

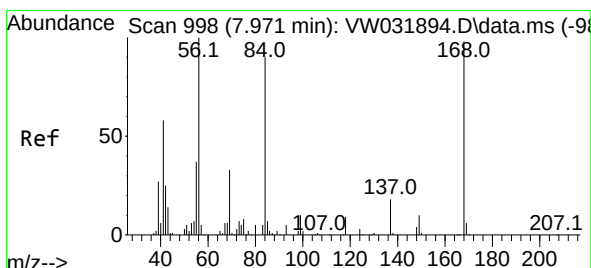
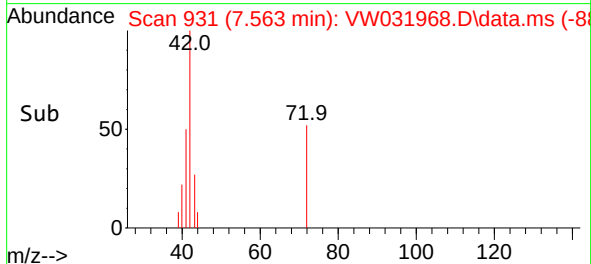
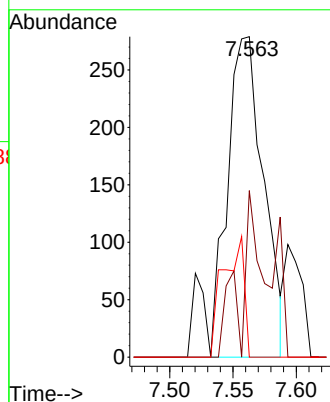
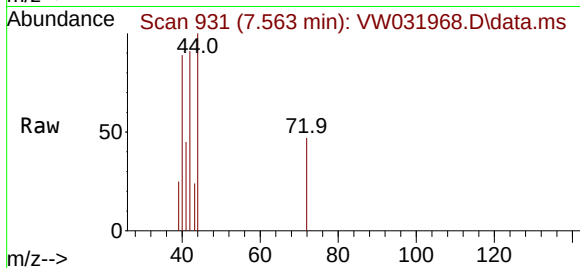
Tgt Ion: 42 Resp: 601

Ion Ratio Lower Upper

42 100

72 37.3 37.0 55.6

71 20.1 34.5 51.7#



#31

Cyclohexane

Concen: 1.091 ug/l

RT: 7.953 min Scan# 995

Delta R.T. -0.018 min

Lab File: VW031968.D

Acq: 31 Jul 2025 14:17

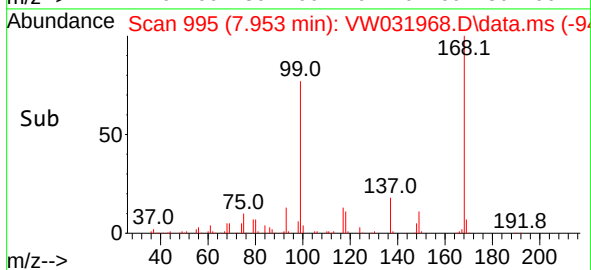
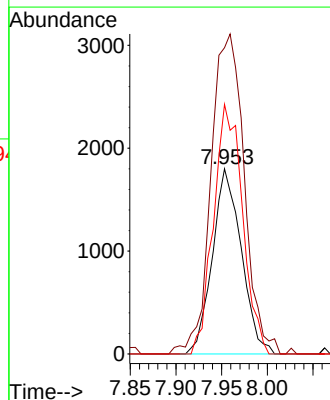
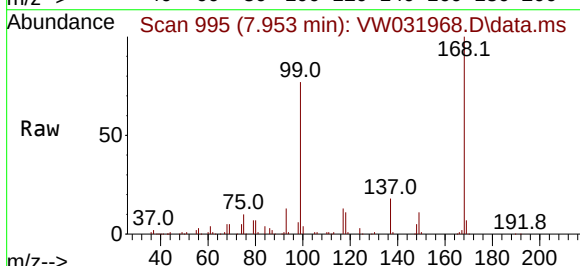
Tgt Ion: 56 Resp: 3959

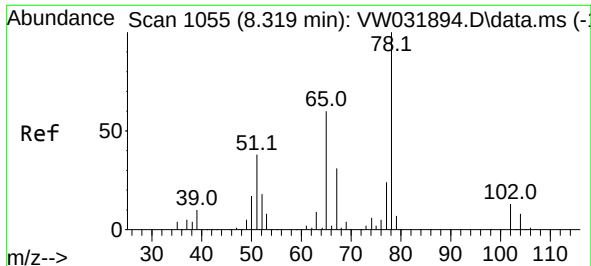
Ion Ratio Lower Upper

56 100

69 165.4 26.7 40.1#

84 134.8 71.8 107.6#

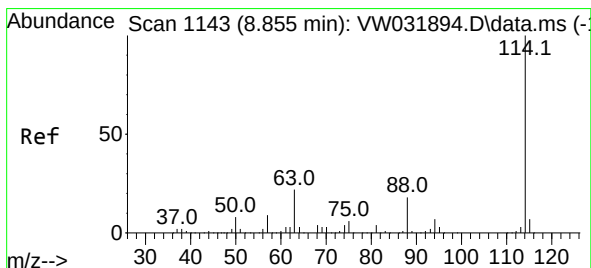
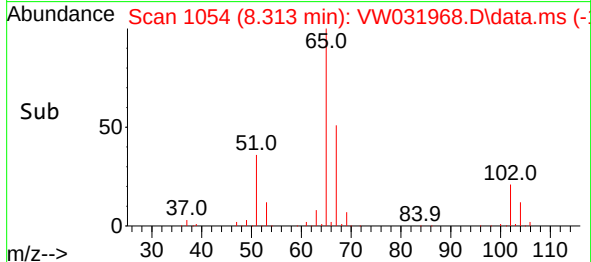
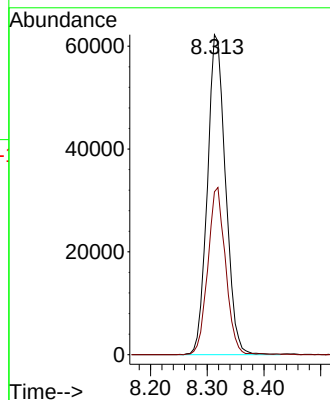
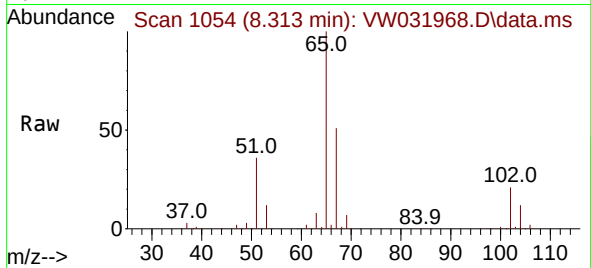




#33
 1,2-Dichloroethane-d4
 Concen: 58.640 ug/l
 RT: 8.313 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VW031968.D
 Acq: 31 Jul 2025 14:17

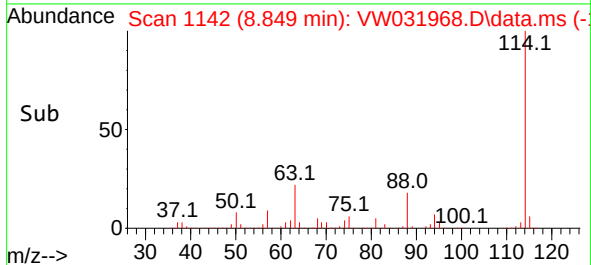
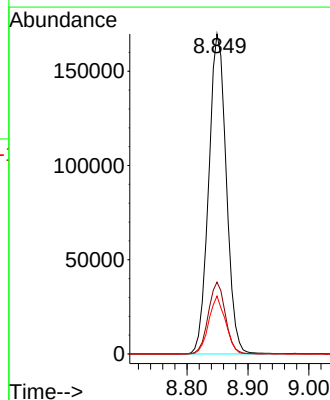
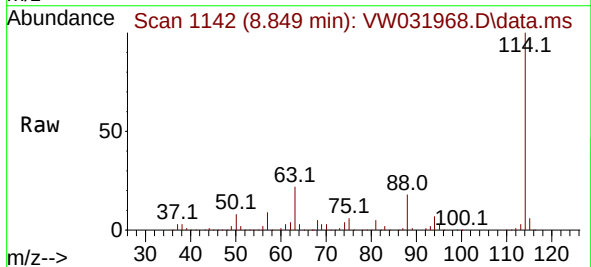
Instrument :
 MSVOA_W
 ClientSampleId :
 VNJ-253

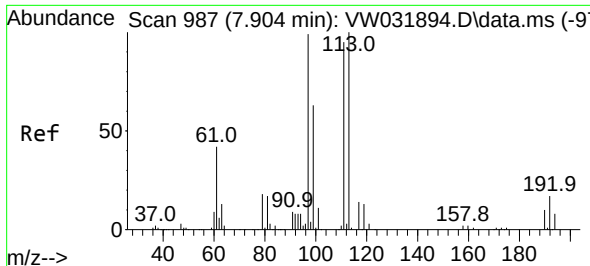
Tgt Ion: 65 Resp: 138808
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW031968.D
 Acq: 31 Jul 2025 14:17

Tgt Ion: 114 Resp: 340992
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 44.2
 88 18.1 0.0 35.6

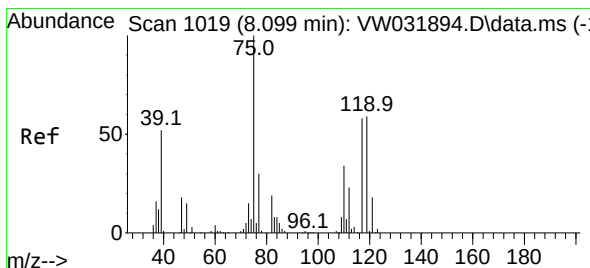
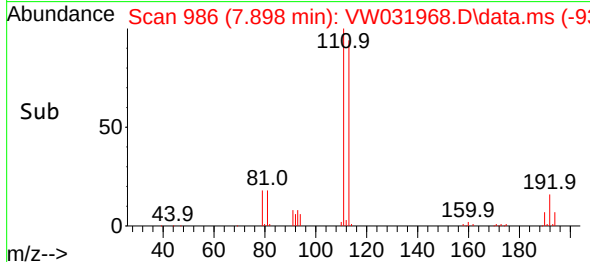
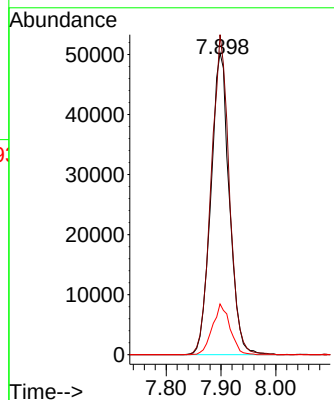
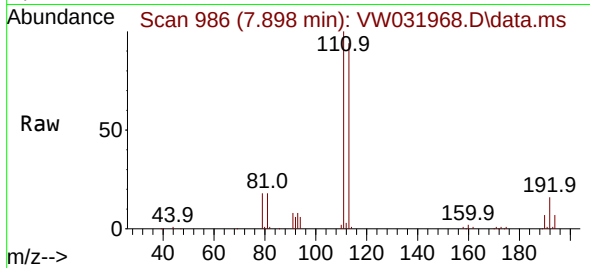




#35
 Dibromofluoromethane
 Concen: 50.445 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW031968.D
 Acq: 31 Jul 2025 14:17

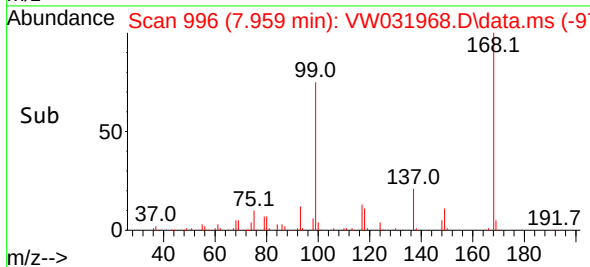
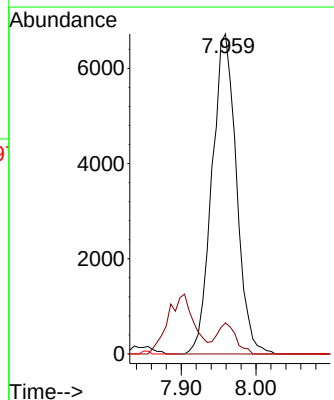
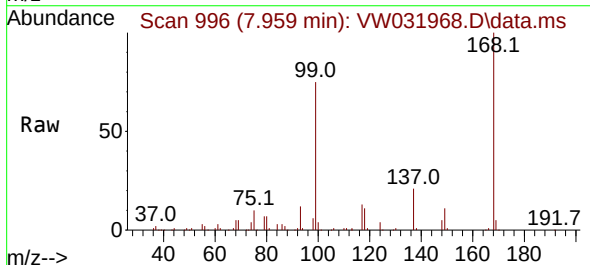
Instrument :
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 VNJ-253

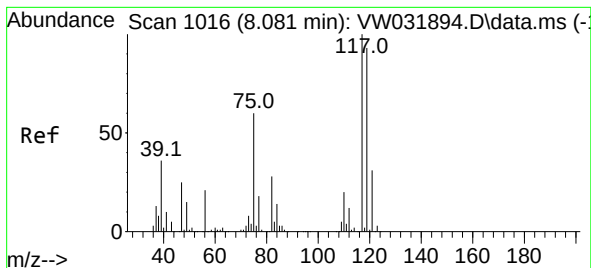
Tgt Ion:113	Resp:	116885	
Ion	Ratio	Lower	Upper
113	100		
111	104.2	79.9	119.9
192	16.1	12.6	19.0



#36
 1,1-Dichloropropene
 Concen: 4.293 ug/l
 RT: 7.959 min Scan# 996
 Delta R.T. -0.140 min
 Lab File: VW031968.D
 Acq: 31 Jul 2025 14:17

Tgt Ion: 75	Resp: 15277
Ion Ratio	Lower Upper
75 100	
110 7.8	17.0 50.9#
77 0.0	25.1 37.7#





#38

Carbon Tetrachloride

Concen: 5.666 ug/l

RT: 7.959 min Scan# 996

Delta R.T. -0.122 min

Lab File: VW031968.D

Acq: 31 Jul 2025 14:17

Instrument :

MSVOA_W

ClientSampleId :

VNJ-253

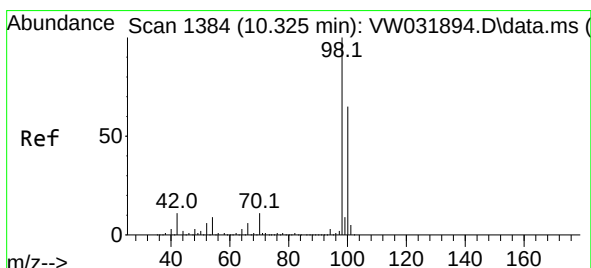
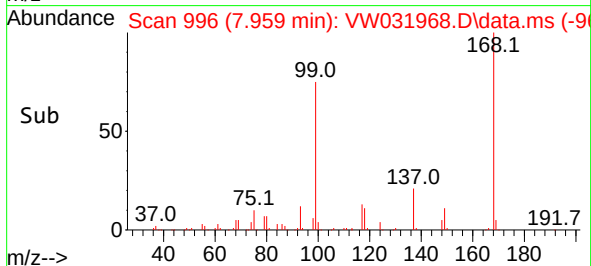
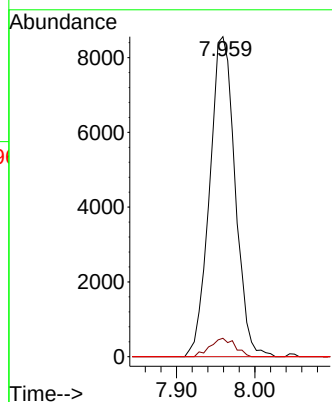
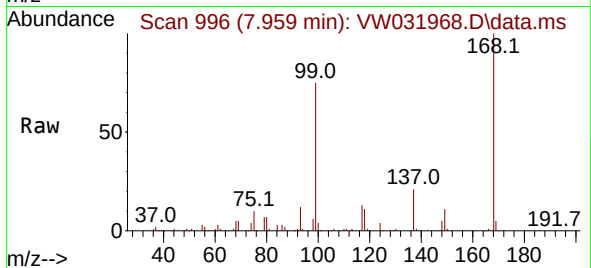
Tgt Ion:117 Resp: 19348

Ion Ratio Lower Upper

117 100

119 5.8 74.3 111.5#

121 0.0 24.6 37.0#



#50

Toluene-d8

Concen: 48.884 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW031968.D

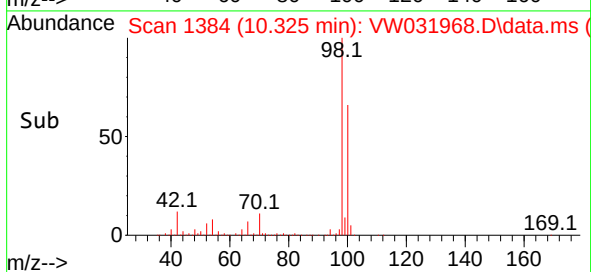
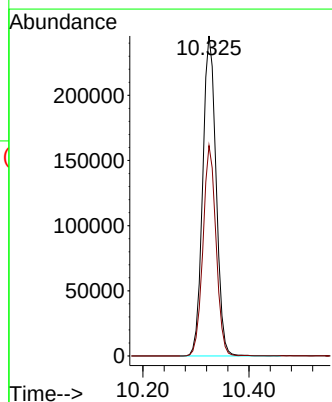
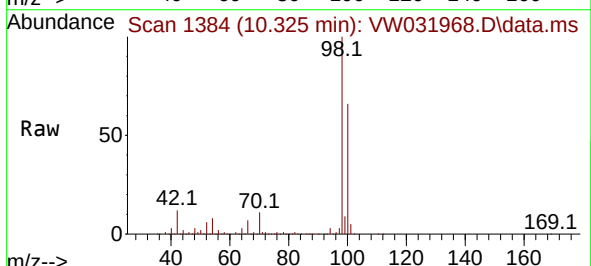
Acq: 31 Jul 2025 14:17

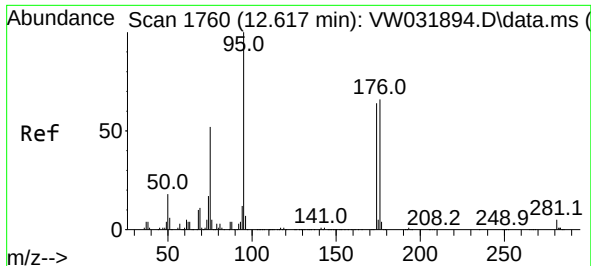
Tgt Ion: 98 Resp: 428687

Ion Ratio Lower Upper

98 100

100 64.3 51.7 77.5

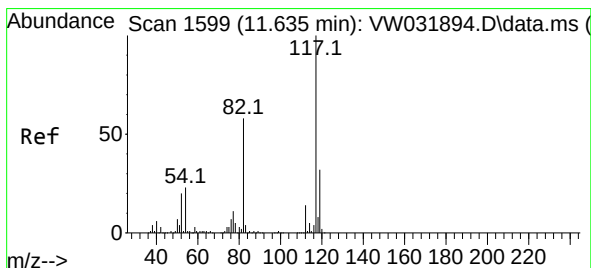
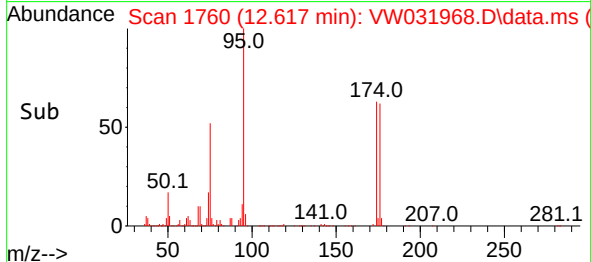
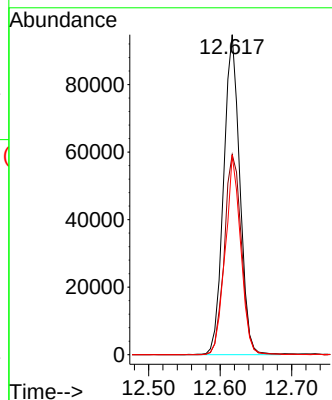
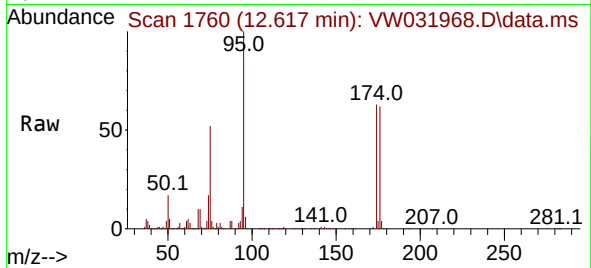




#62
4-Bromofluorobenzene
Concen: 44.215 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW031968.D
Acq: 31 Jul 2025 14:17

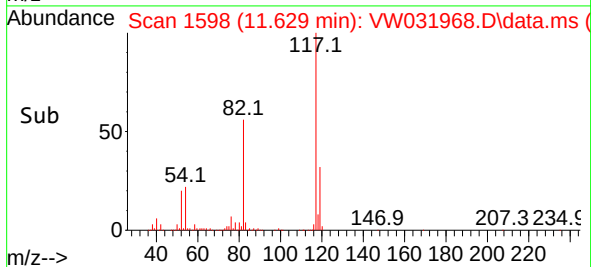
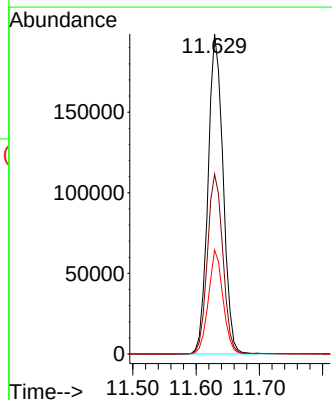
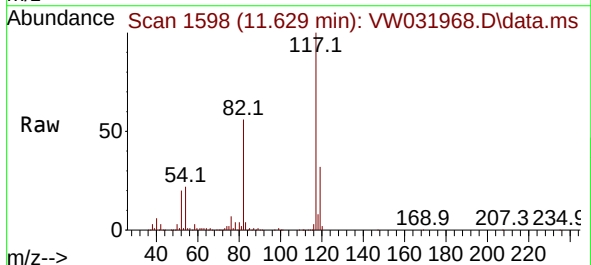
Instrument :
MSVOA_W
ClientSampleId :
VNJ-253

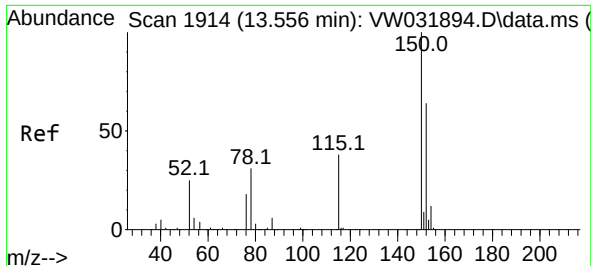
Tgt Ion: 95 Resp: 148884
Ion Ratio Lower Upper
95 100
174 66.1 0.0 129.8
176 59.7 0.0 130.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VW031968.D
Acq: 31 Jul 2025 14:17

Tgt Ion: 117 Resp: 329022
Ion Ratio Lower Upper
117 100
82 56.1 46.5 69.7
119 32.4 25.8 38.6

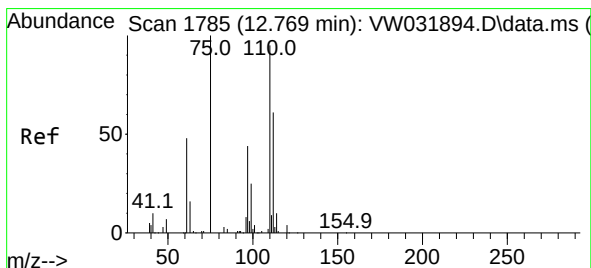
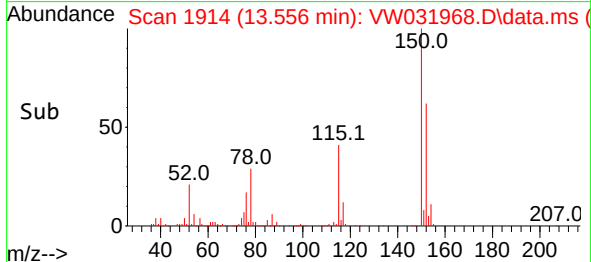
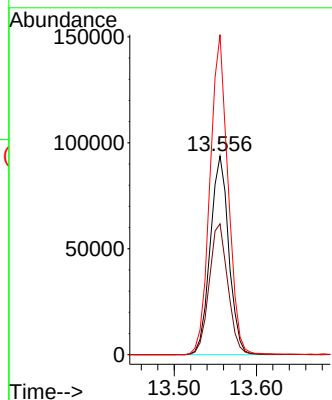
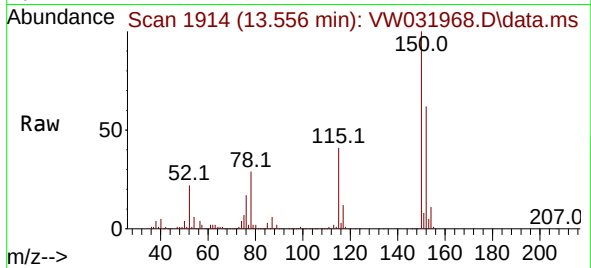




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: VW031968.D
 Acq: 31 Jul 2025 14:17

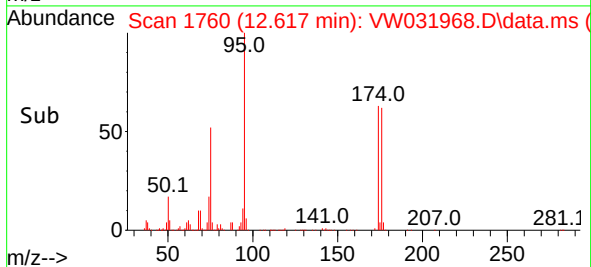
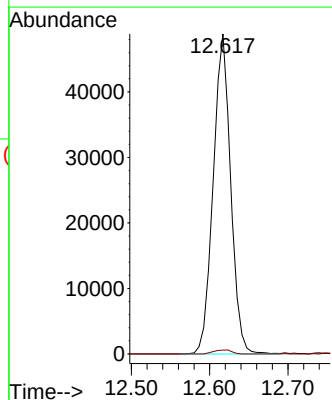
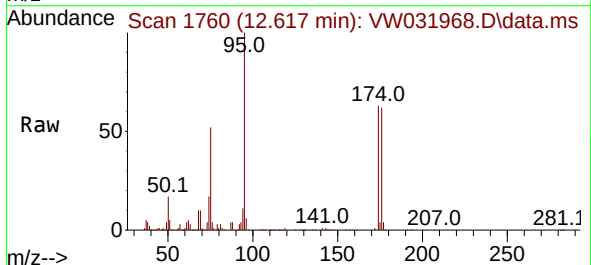
Instrument :
 MSVOA_W
 ClientSampleId :
 VNJ-253

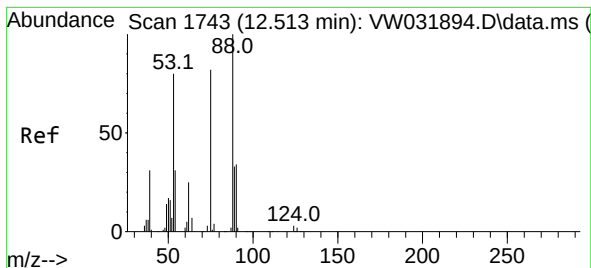
Tgt Ion:152 Resp: 147315
 Ion Ratio Lower Upper
 152 100
 115 66.3 33.4 100.1
 150 156.6 0.0 352.2



#76
 1,2,3-Trichloropropane
 Concen: 37.200 ug/l
 RT: 12.617 min Scan# 1760
 Delta R.T. -0.152 min
 Lab File: VW031968.D
 Acq: 31 Jul 2025 14:17

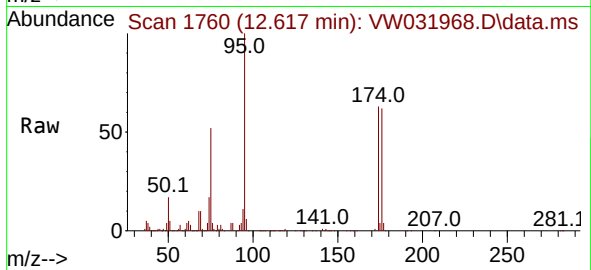
Tgt Ion: 75 Resp: 75661
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.884 ug/l
 RT: 12.617 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VW031968.D
 Acq: 31 Jul 2025 14:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VNJ-253



Tgt Ion: 75 Resp: 75661
 Ion Ratio Lower Upper
 75 100
 53 0.1 83.7 125.5#
 89 0.0 39.0 58.6#

