

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121525\
 Data File : VX048868.D
 Acq On : 15 Dec 2025 10:03
 Operator : JC/MD
 Sample : VX1215WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBL01

Quant Time: Dec 16 00:12:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

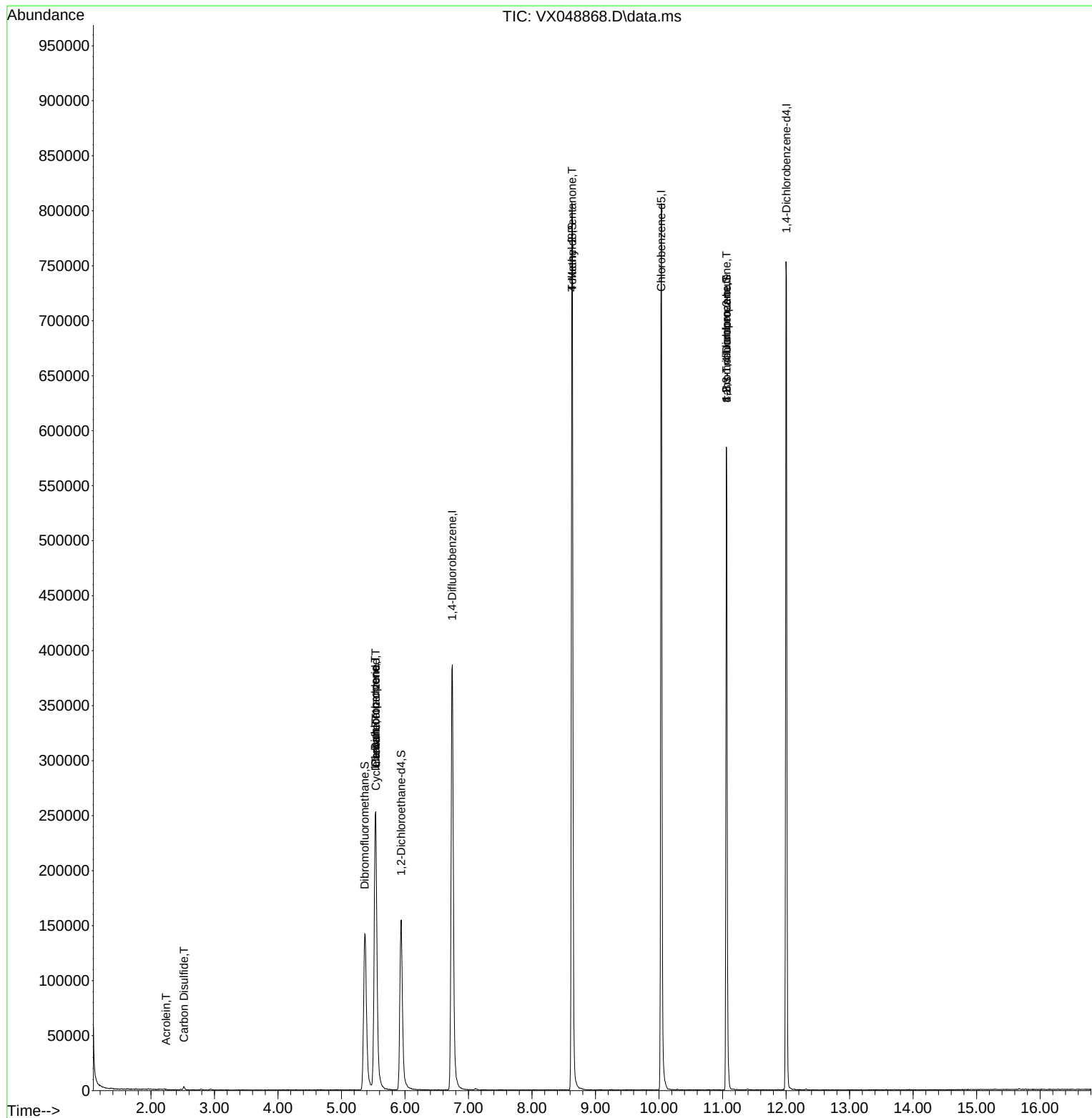
Internal Standards						
1) Pentafluorobenzene	5.538	168	261636	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	438317	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	386691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	170934	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	166350	47.371	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.740%
35) Dibromofluoromethane	5.367	113	144591	47.910	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.820%
50) Toluene-d8	8.628	98	521964	49.340	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.680%
62) 4-Bromofluorobenzene	11.061	95	165595	45.394	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.780%
Target Compounds						
					Qvalue	
13) Acrolein	2.239	56	22	40.211	ug/l #	15
17) Carbon Disulfide	2.520	76	4037	0.458	ug/l	97
31) Cyclohexane	5.544	56	5647	1.190	ug/l #	10
36) 1,1-Dichloropropene	5.531	75	21152	5.117	ug/l #	48
38) Carbon Tetrachloride	5.538	117	26871	5.739	ug/l #	14
51) 4-Methyl-2-Pentanone	8.628	43	2061	0.444	ug/l #	1
76) 1,2,3-Trichloropropane	11.061	75	85696	26.917	ug/l #	30
81) trans-1,4-Dichloro-2-b...	11.061	75	85696	63.939	ug/l #	3
95) Naphthalene	13.762	128	305	Below Cal	#	69

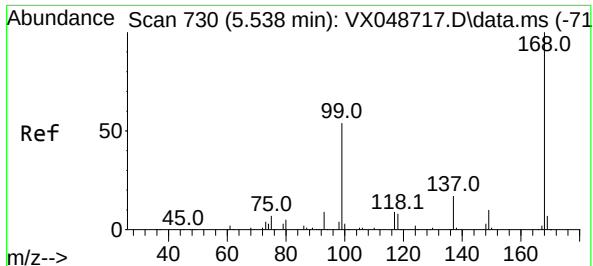
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121525\
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Quant Time: Dec 16 00:12:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

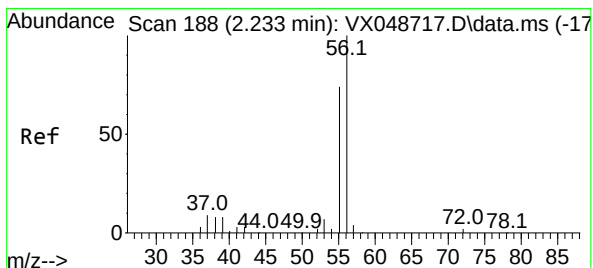
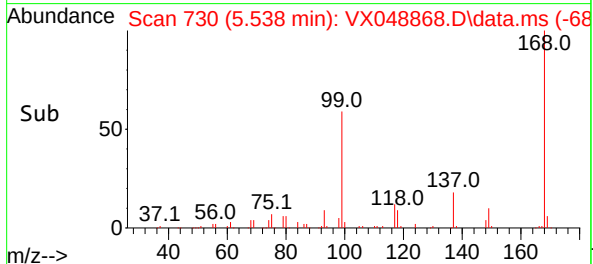
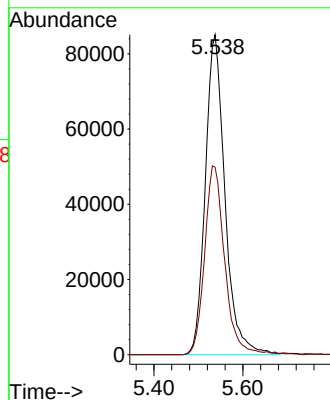
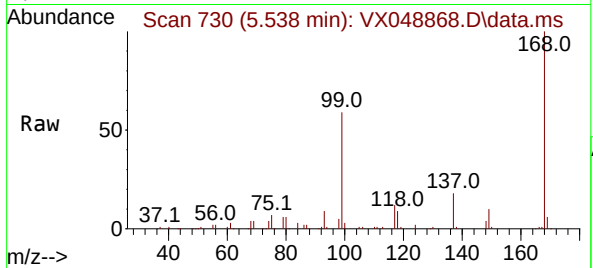




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048868.D
Acq: 15 Dec 2025 10:03

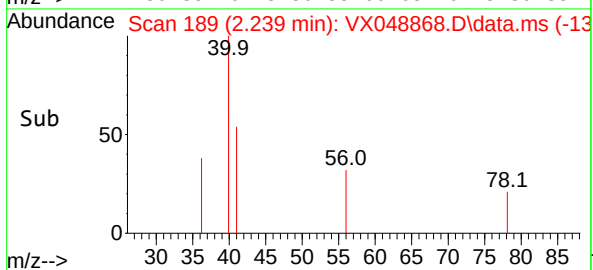
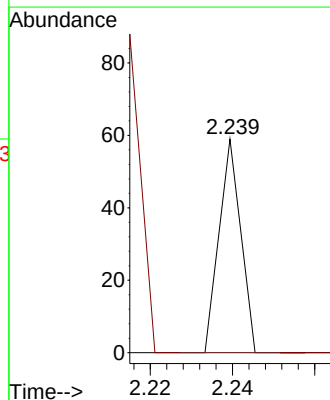
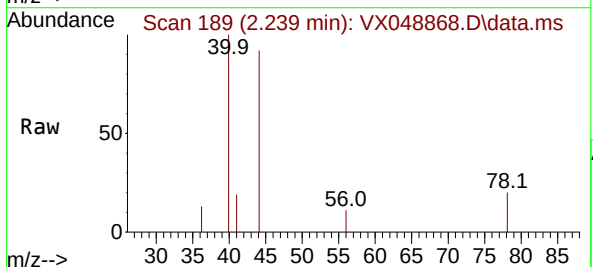
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBL01

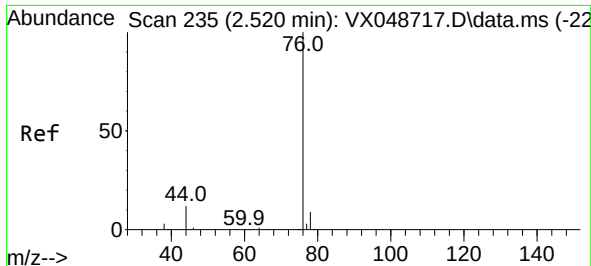
Tgt Ion:168 Resp: 261636
Ion Ratio Lower Upper
168 100
99 58.6 44.2 66.4



#13
Acrolein
Concen: 40.211 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX048868.D
Acq: 15 Dec 2025 10:03

Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.6#

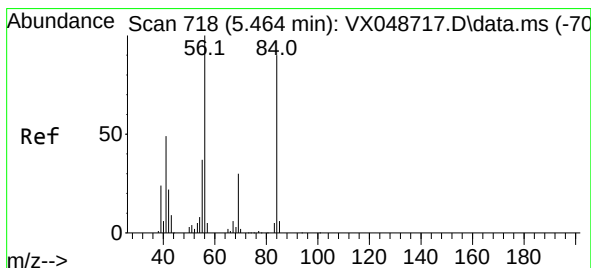
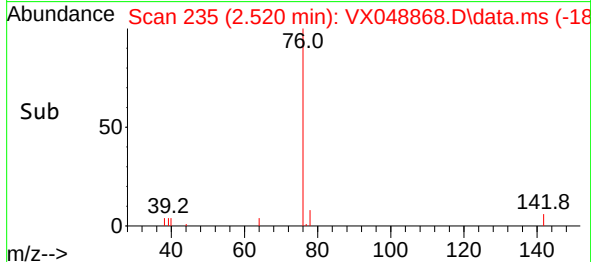
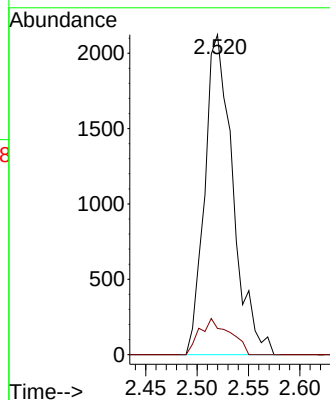
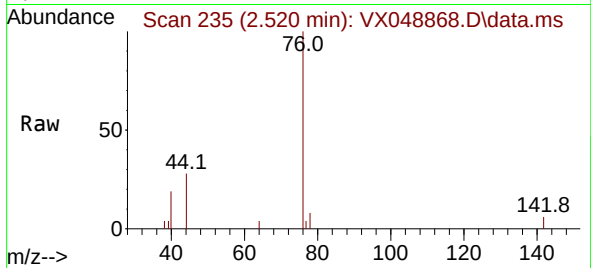




#17
Carbon Disulfide
Concen: 0.458 ug/l
RT: 2.520 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048868.D
Acq: 15 Dec 2025 10:03

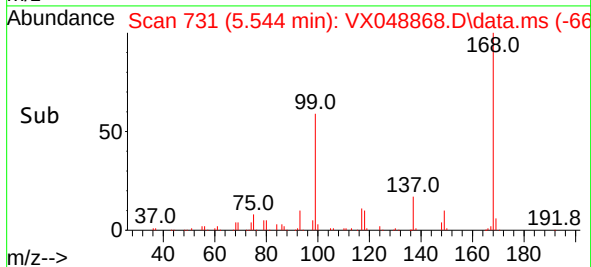
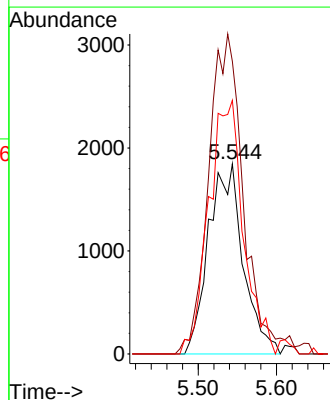
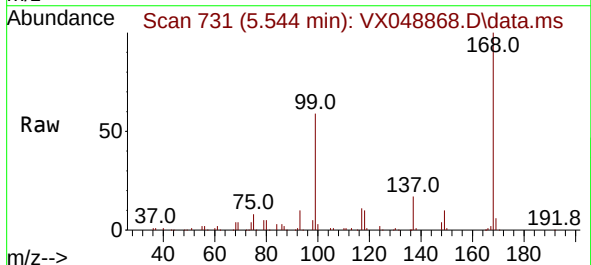
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBL01

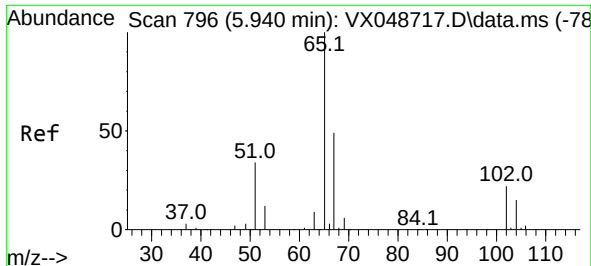
Tgt Ion: 76 Resp: 4037
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.2



#31
Cyclohexane
Concen: 1.190 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX048868.D
Acq: 15 Dec 2025 10:03

Tgt Ion: 56 Resp: 5647
Ion Ratio Lower Upper
56 100
69 151.3 24.2 36.2#
84 133.4 72.1 108.1#





#33

1,2-Dichloroethane-d4

Concen: 47.371 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048868.D

Acq: 15 Dec 2025 10:03

Instrument :

MSVOA_X

ClientSampleId :

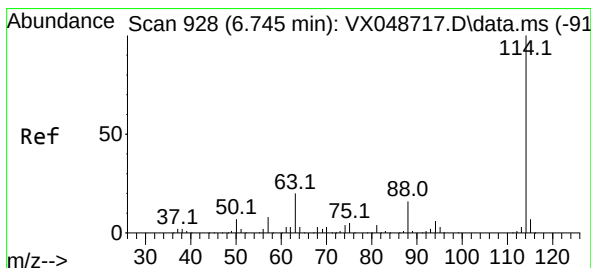
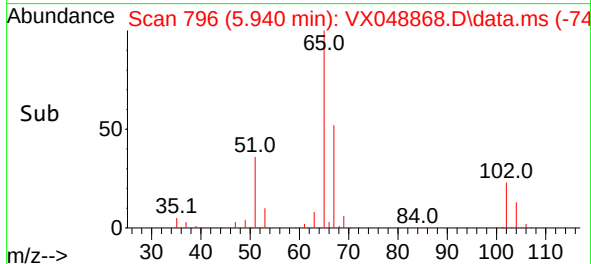
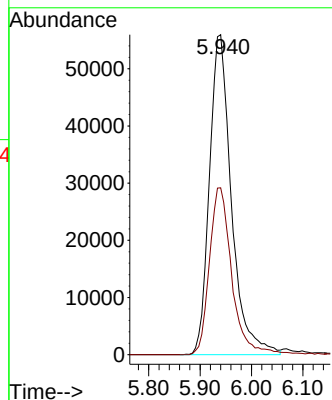
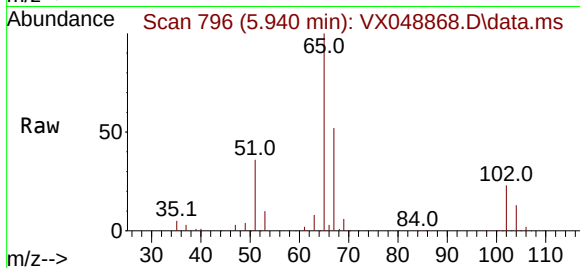
VX1215WBL01

Tgt Ion: 65 Resp: 166350

Ion Ratio Lower Upper

65 100

67 53.2 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048868.D

Acq: 15 Dec 2025 10:03

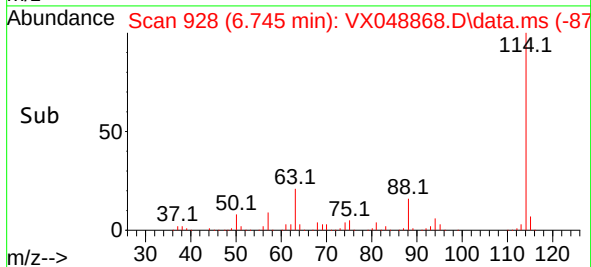
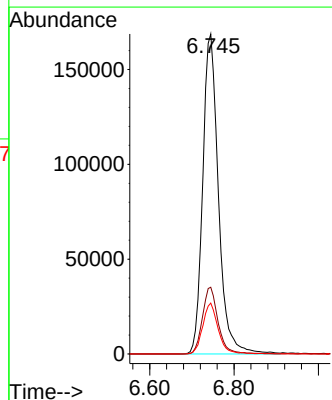
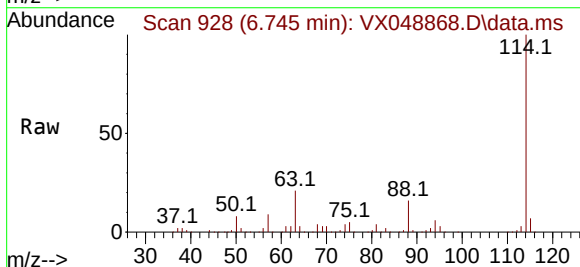
Tgt Ion: 114 Resp: 438317

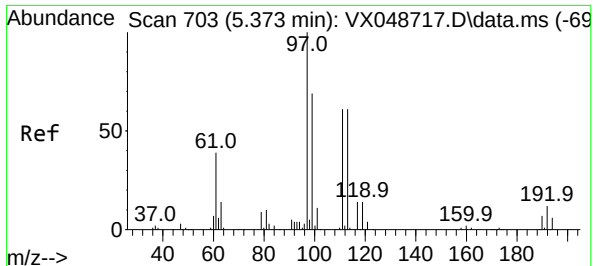
Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.0

88 15.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.910 ug/l

RT: 5.367 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX048868.D

Acq: 15 Dec 2025 10:03

Instrument :

MSVOA_X

ClientSampleId :

VX1215WBL01

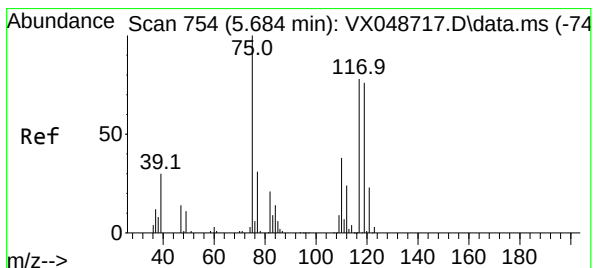
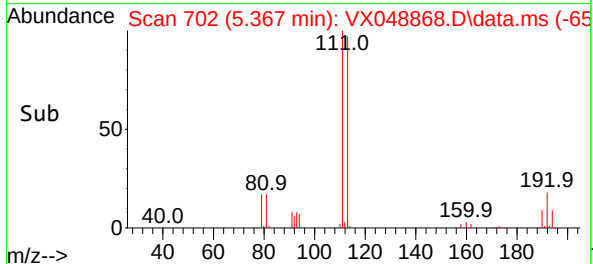
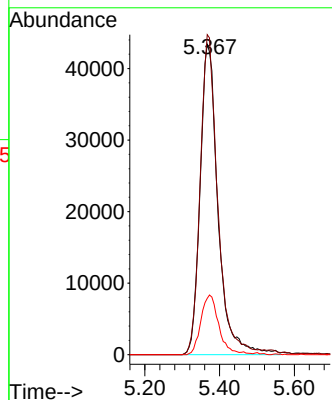
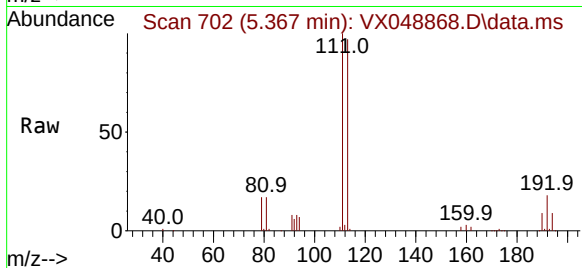
Tgt Ion:113 Resp: 144591

Ion Ratio Lower Upper

113 100

111 100.8 79.5 119.3

192 19.3 16.1 24.1



#36

1,1-Dichloropropene

Concen: 5.117 ug/l

RT: 5.531 min Scan# 729

Delta R.T. -0.152 min

Lab File: VX048868.D

Acq: 15 Dec 2025 10:03

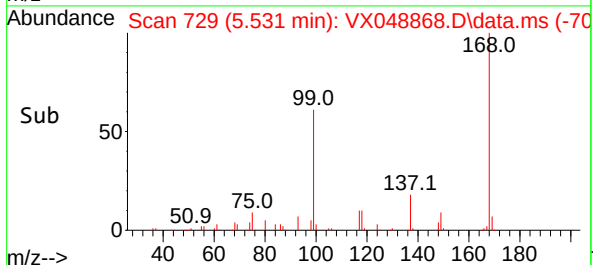
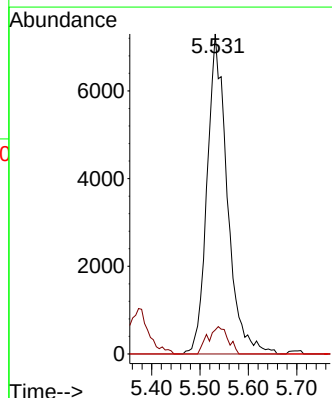
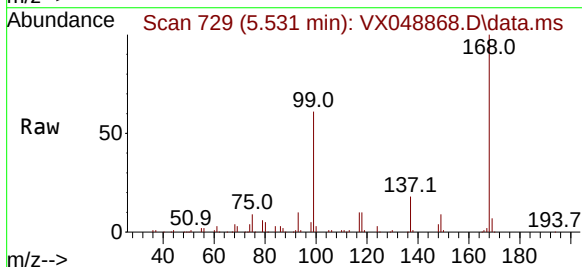
Tgt Ion: 75 Resp: 21152

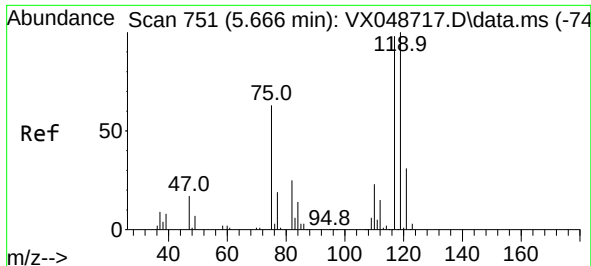
Ion Ratio Lower Upper

75 100

110 8.5 18.6 55.8#

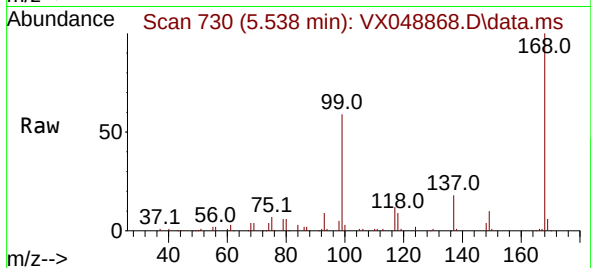
77 0.0 25.3 37.9#



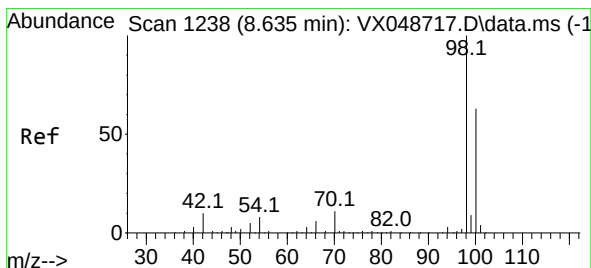
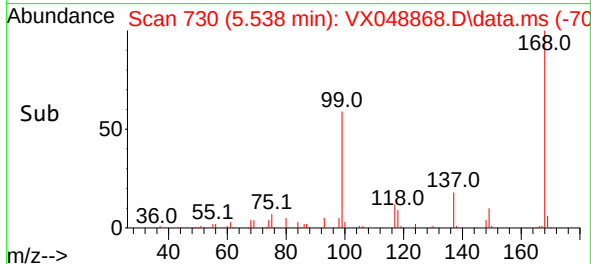
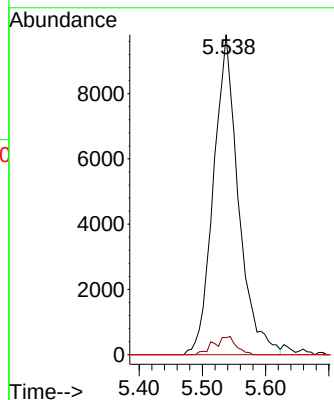


#38
Carbon Tetrachloride
Concen: 5.739 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX048868.D
Acq: 15 Dec 2025 10:03

Instrument :
MSVOA_X
ClientSampleId :
VX1215WBL01

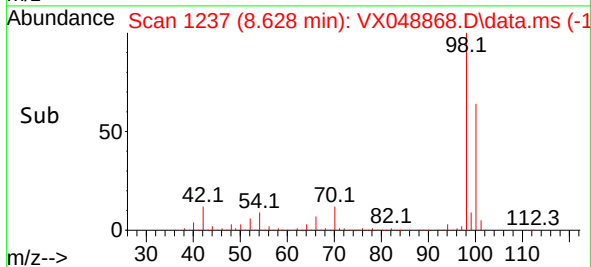
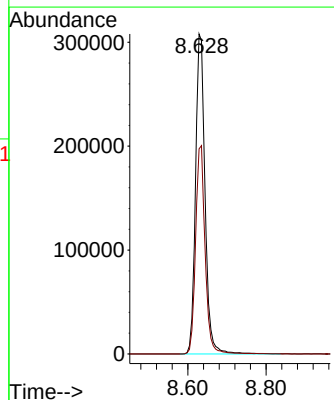
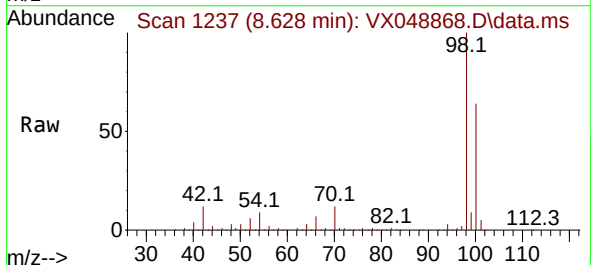


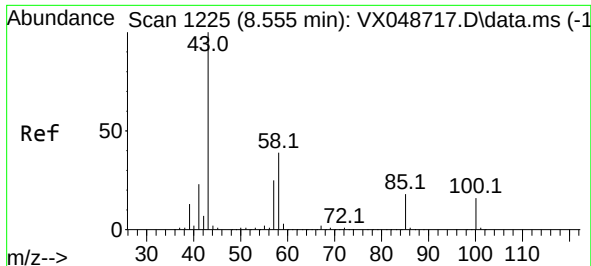
Tgt Ion:117 Resp: 26871
Ion Ratio Lower Upper
117 100
119 5.3 80.5 120.7#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 49.340 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048868.D
Acq: 15 Dec 2025 10:03

Tgt Ion: 98 Resp: 521964
Ion Ratio Lower Upper
98 100
100 65.2 53.4 80.0





#51

4-Methyl-2-Pentanone

Concen: 0.444 ug/l

RT: 8.628 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX048868.D

Acq: 15 Dec 2025 10:03

Instrument :

MSVOA_X

ClientSampleId :

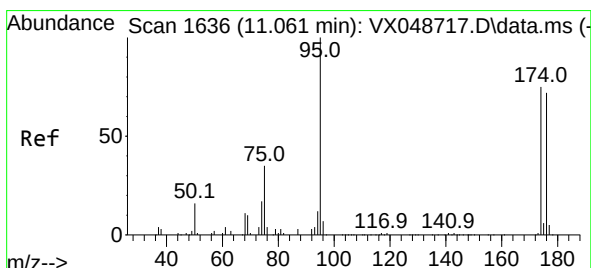
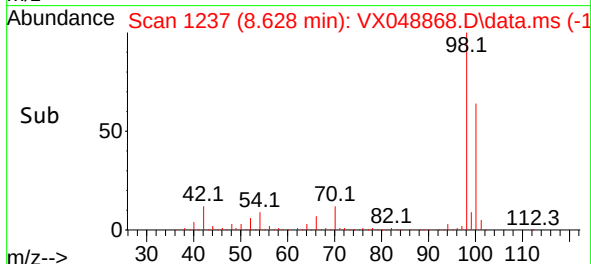
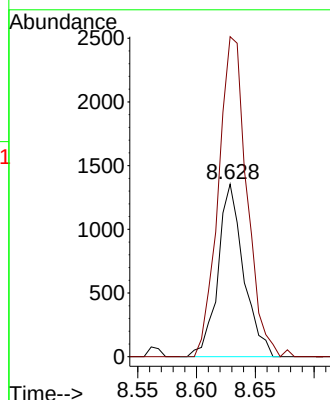
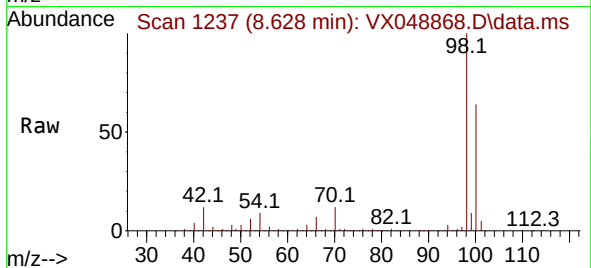
VX1215WBL01

Tgt Ion: 43 Resp: 2061

Ion Ratio Lower Upper

43 100

58 206.2 32.2 48.4#



#62

4-Bromofluorobenzene

Concen: 45.394 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.000 min

Lab File: VX048868.D

Acq: 15 Dec 2025 10:03

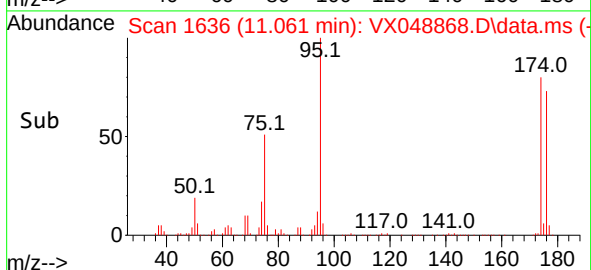
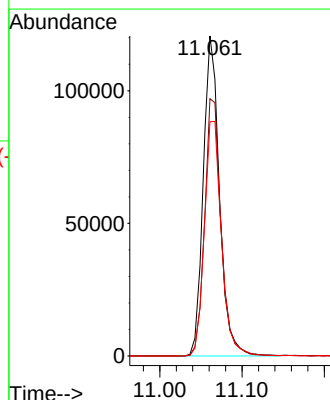
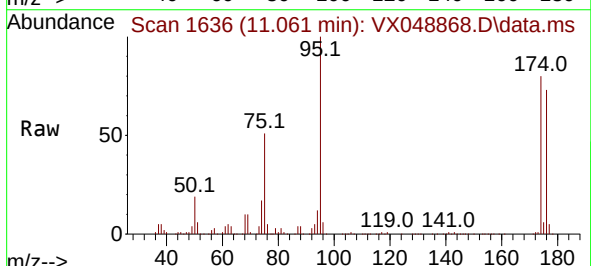
Tgt Ion: 95 Resp: 165595

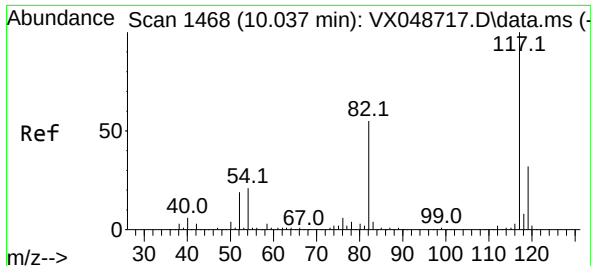
Ion Ratio Lower Upper

95 100

174 81.7 0.0 157.8

176 77.3 0.0 154.0

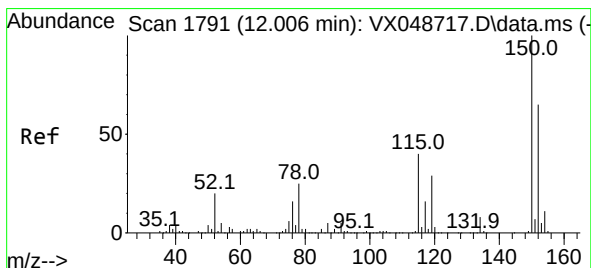
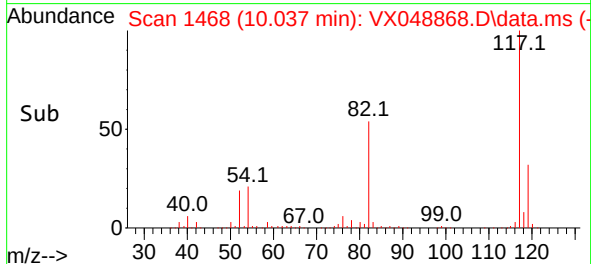
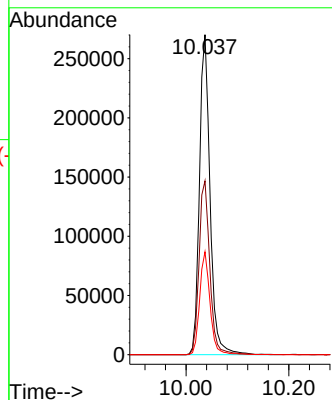
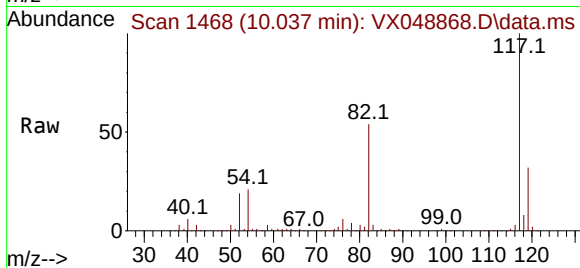




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048868.D
Acq: 15 Dec 2025 10:03

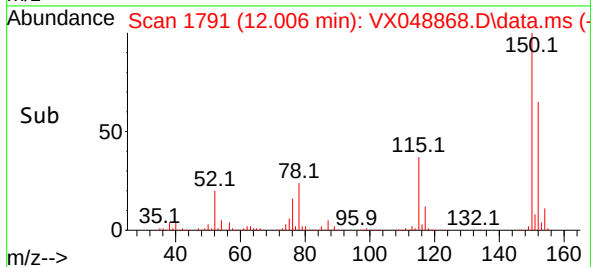
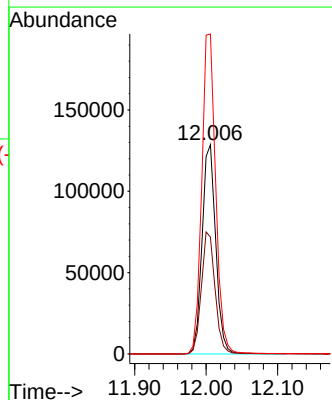
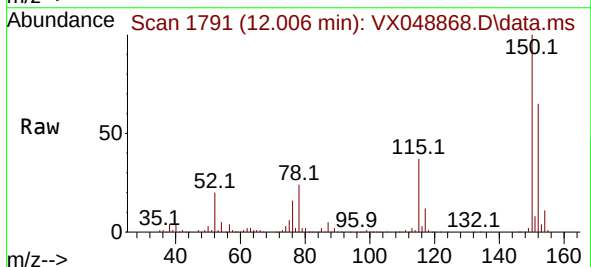
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBL01

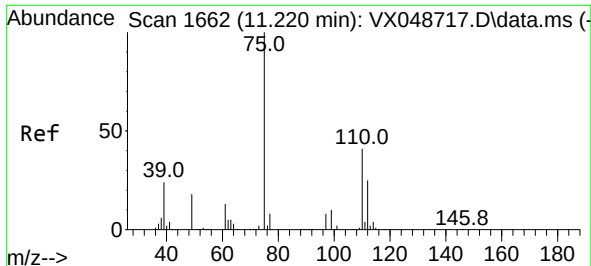
Tgt Ion:117 Resp: 386691
Ion Ratio Lower Upper
117 100
82 54.3 44.1 66.1
119 32.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048868.D
Acq: 15 Dec 2025 10:03

Tgt Ion:152 Resp: 170934
Ion Ratio Lower Upper
152 100
115 58.5 42.1 126.4
150 155.8 0.0 347.8

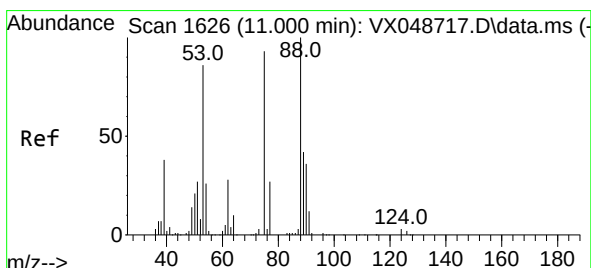
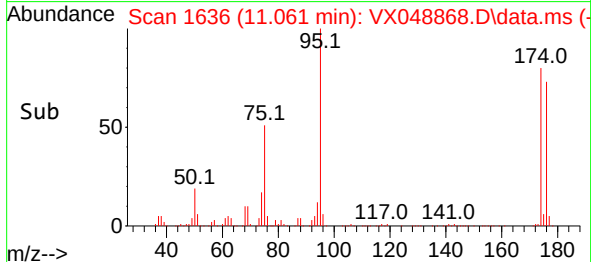
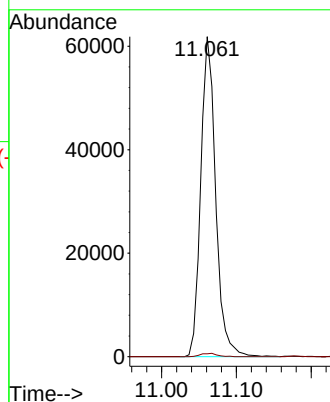
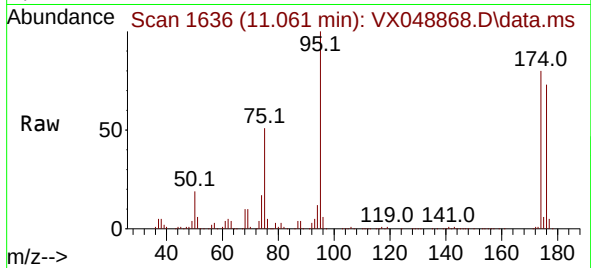




#76
1,2,3-Trichloropropane
Concen: 26.917 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048868.D
Acq: 15 Dec 2025 10:03

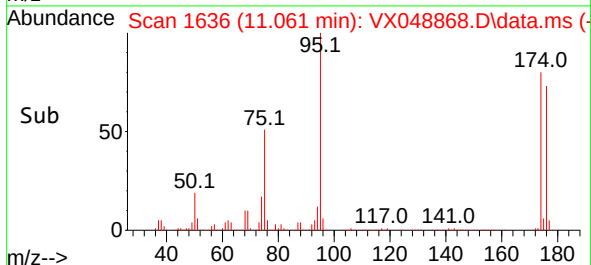
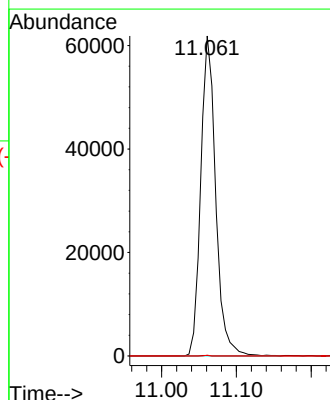
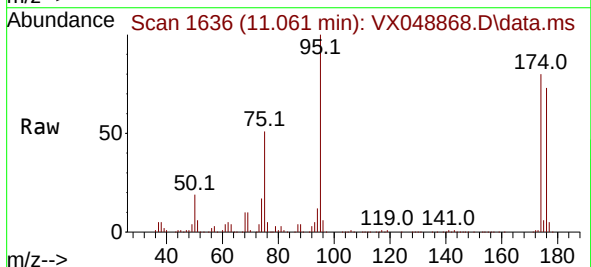
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBL01

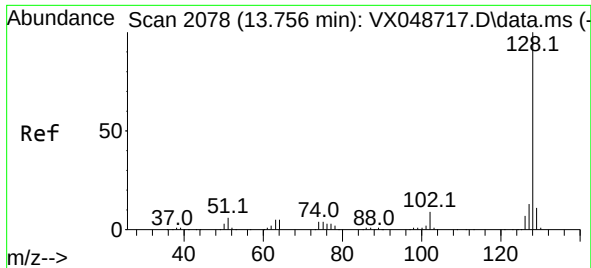
Tgt Ion: 75 Resp: 85696
Ion Ratio Lower Upper
75 100
77 1.2 24.3 73.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.939 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048868.D
Acq: 15 Dec 2025 10:03

Tgt Ion: 75 Resp: 85696
Ion Ratio Lower Upper
75 100
53 0.1 79.9 119.9#
89 0.1 67.1 100.7#





#95

Naphthalene

Concen: Below Cal

RT: 13.762 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX048868.D

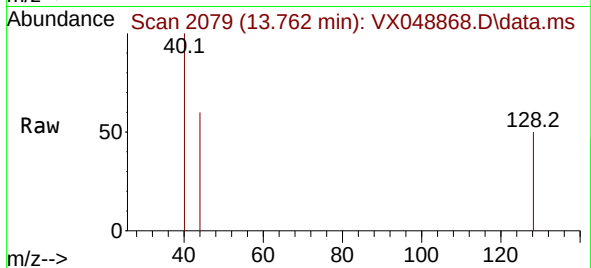
Acq: 15 Dec 2025 10:03

Instrument :

MSVOA_X

ClientSampleId :

VX1215WBL01



Tgt Ion:128 Resp: 305

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

129 0.0 8.6 13.0#

