

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121125\
 Data File : VX048824.D
 Acq On : 11 Dec 2025 14:06
 Operator : JC/MD
 Sample : VX1211WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBL01

Quant Time: Dec 11 23:48:57 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)

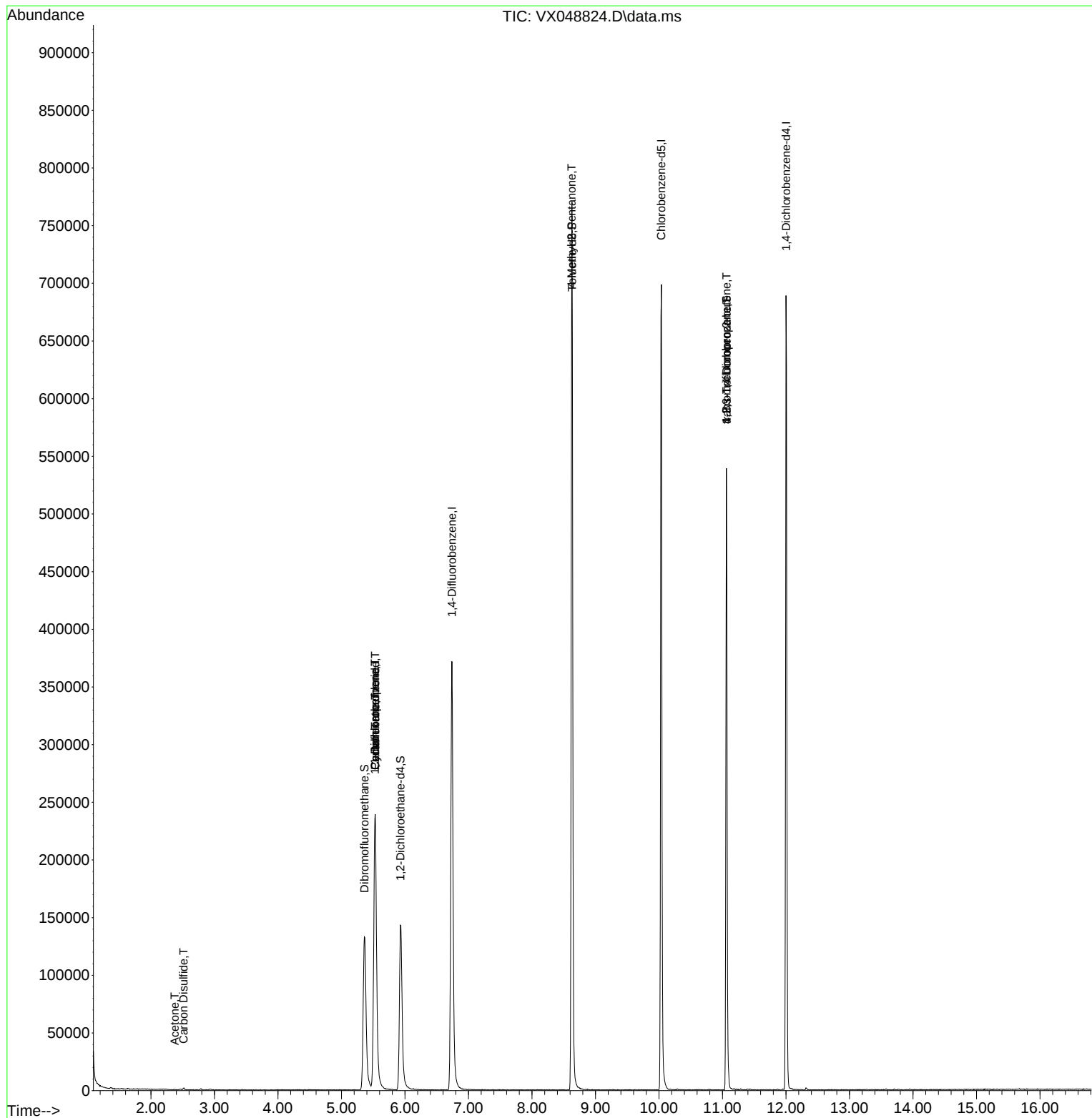
Internal Standards						
1) Pentafluorobenzene	5.532	168	251542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	411094	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	347963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	149114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.928	65	160238	47.462	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.920%
35) Dibromofluoromethane	5.361	113	134968	47.683	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.360%
50) Toluene-d8	8.629	98	489960	49.382	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.760%
62) 4-Bromofluorobenzene	11.061	95	148637	43.443	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.880%
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	519	0.402	ug/l #	80
17) Carbon Disulfide	2.514	76	2016	0.238	ug/l	96
31) Cyclohexane	5.532	56	4894	1.073	ug/l #	8
36) 1,1-Dichloropropene	5.525	75	19511	5.033	ug/l #	48
38) Carbon Tetrachloride	5.532	117	25708	5.854	ug/l #	15
51) 4-Methyl-2-Pentanone	8.622	43	1977	0.454	ug/l #	1
76) 1,2,3-Trichloropropane	11.061	75	74775	26.924	ug/l #	30
81) trans-1,4-Dichloro-2-b...	11.061	75	74775	63.954	ug/l #	3
95) Naphthalene	13.762	128	594	Below Cal	#	69

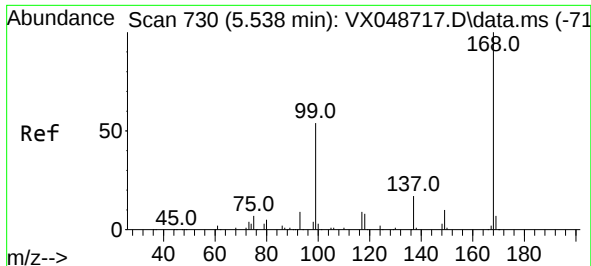
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121125\
Data File : VX048824.D
Acq On : 11 Dec 2025 14:06
Operator : JC/MD
Sample : VX1211WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBL01

Quant Time: Dec 11 23:48:57 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

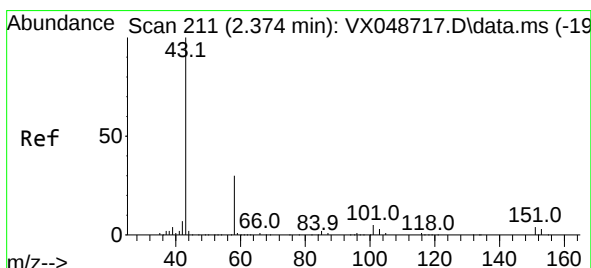
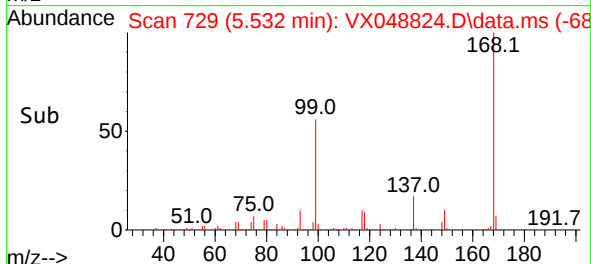
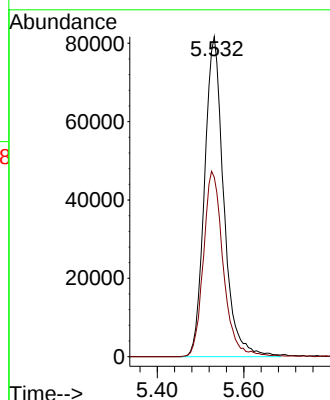
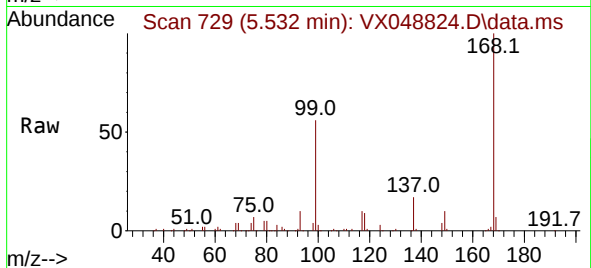




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 730
Delta R.T. -0.006 min
Lab File: VX048824.D
Acq: 11 Dec 2025 14:06

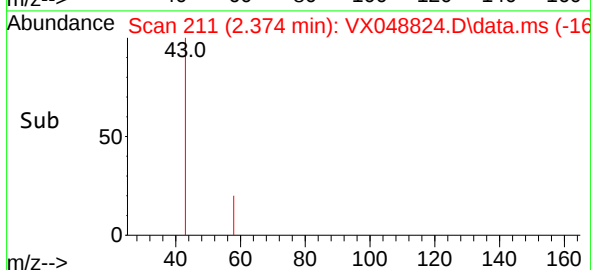
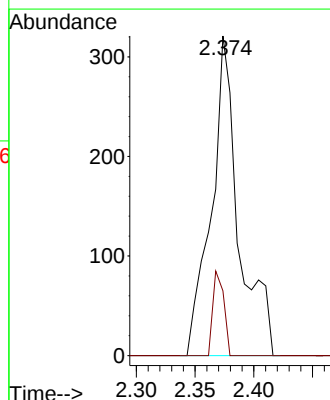
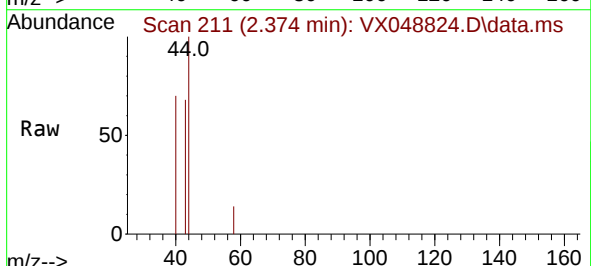
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBL01

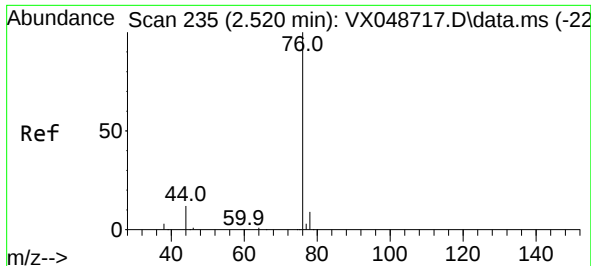
Tgt Ion:168 Resp: 251542
Ion Ratio Lower Upper
168 100
99 56.0 44.2 66.4



#16
Acetone
Concen: 0.402 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048824.D
Acq: 11 Dec 2025 14:06

Tgt Ion: 43 Resp: 519
Ion Ratio Lower Upper
43 100
58 20.2 25.0 37.4#





#17

Carbon Disulfide

Concen: 0.238 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX048824.D

Acq: 11 Dec 2025 14:06

Instrument :

MSVOA_X

ClientSampleId :

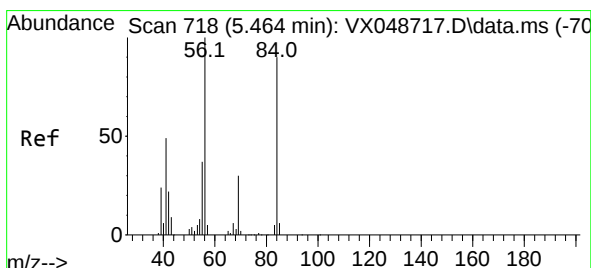
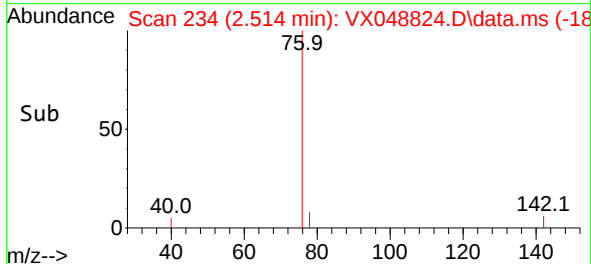
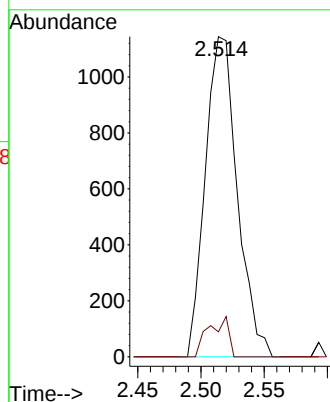
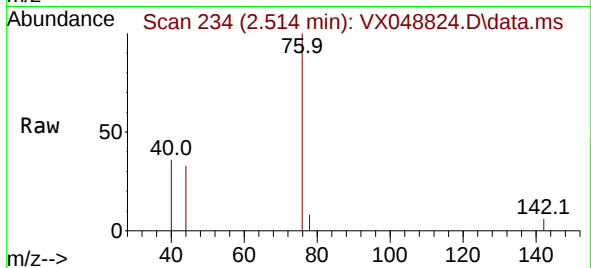
VX1211WBL01

Tgt Ion: 76 Resp: 2016

Ion Ratio Lower Upper

76 100

78 7.8 7.4 11.2



#31

Cyclohexane

Concen: 1.073 ug/l

RT: 5.532 min Scan# 729

Delta R.T. 0.067 min

Lab File: VX048824.D

Acq: 11 Dec 2025 14:06

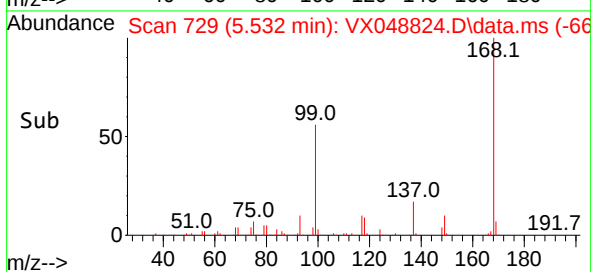
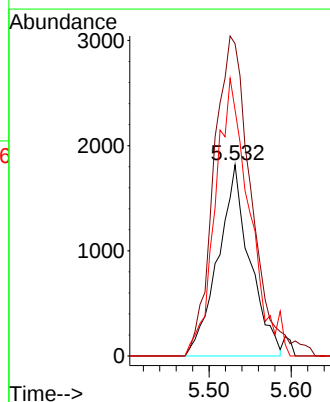
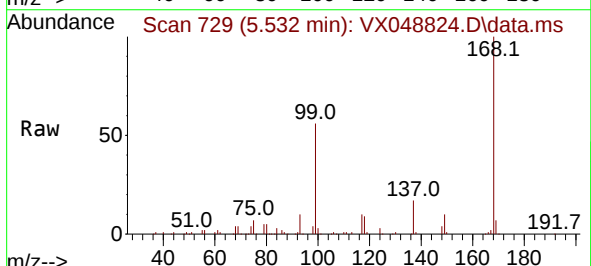
Tgt Ion: 56 Resp: 4894

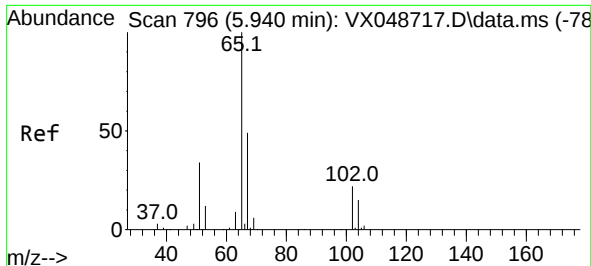
Ion Ratio Lower Upper

56 100

69 163.2 24.2 36.2#

84 128.6 72.1 108.1#





#33

1,2-Dichloroethane-d4

Concen: 47.462 ug/l

RT: 5.928 min Scan# 794

Delta R.T. -0.012 min

Lab File: VX048824.D

Acq: 11 Dec 2025 14:06

Instrument :

MSVOA_X

ClientSampleId :

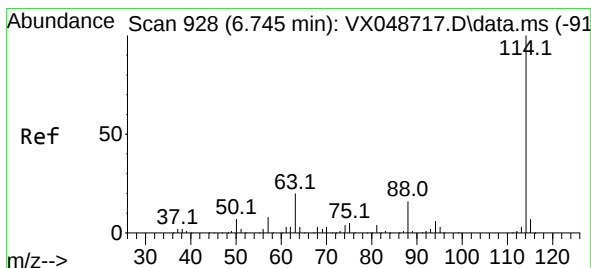
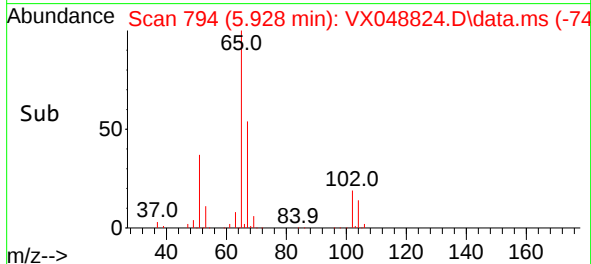
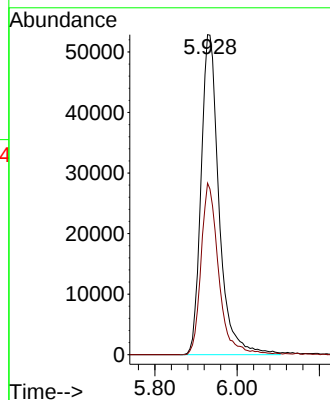
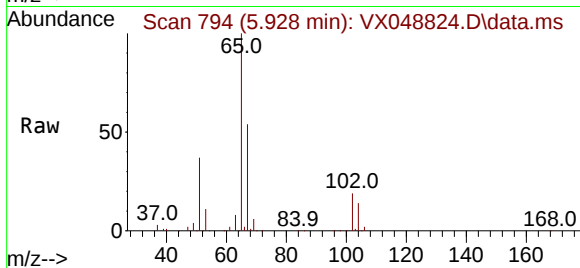
VX1211WBL01

Tgt Ion: 65 Resp: 160238

Ion Ratio Lower Upper

65 100

67 52.5 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.739 min Scan# 927

Delta R.T. -0.006 min

Lab File: VX048824.D

Acq: 11 Dec 2025 14:06

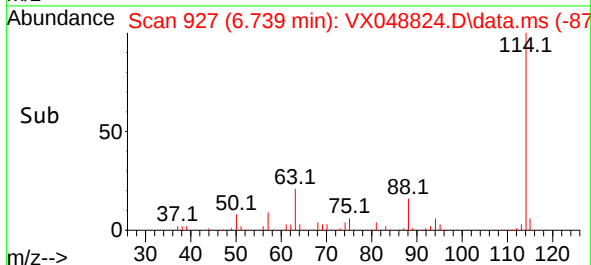
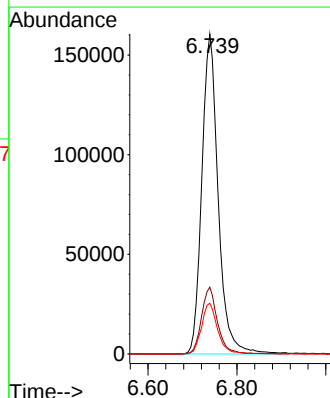
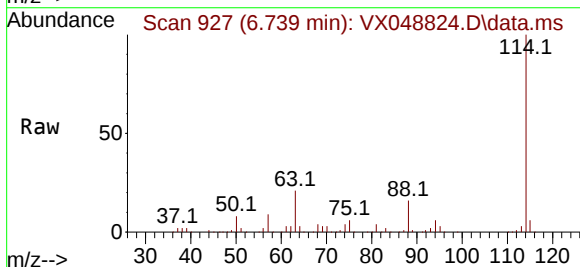
Tgt Ion: 114 Resp: 411094

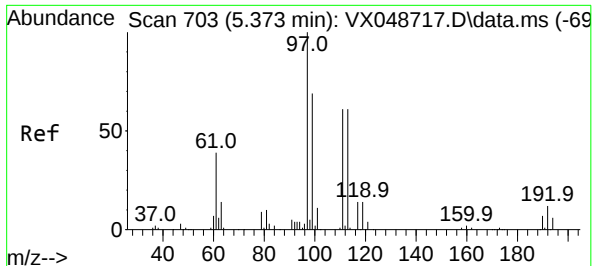
Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.0

88 15.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.683 ug/l

RT: 5.361 min Scan# 703

Delta R.T. -0.012 min

Lab File: VX048824.D

Acq: 11 Dec 2025 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBL01

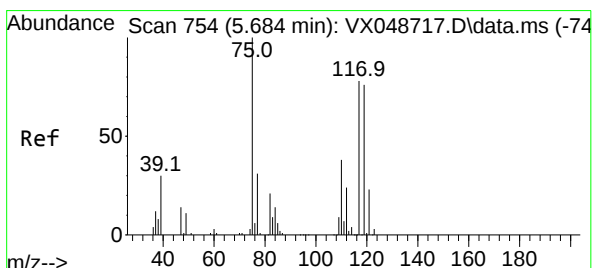
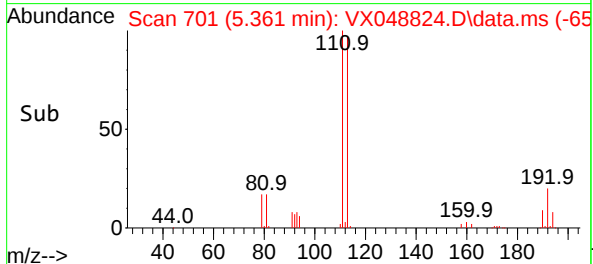
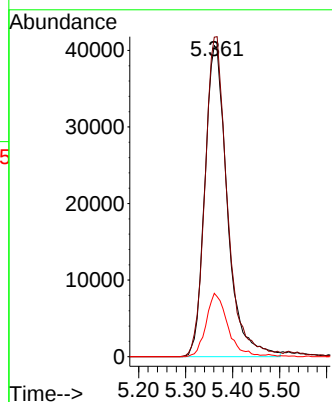
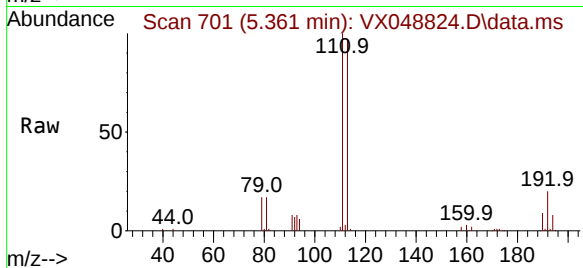
Tgt Ion:113 Resp: 134968

Ion Ratio Lower Upper

113 100

111 102.1 79.5 119.3

192 19.5 16.1 24.1



#36

1,1-Dichloropropene

Concen: 5.033 ug/l

RT: 5.525 min Scan# 728

Delta R.T. -0.158 min

Lab File: VX048824.D

Acq: 11 Dec 2025 14:06

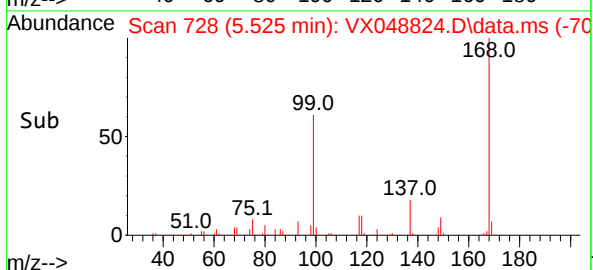
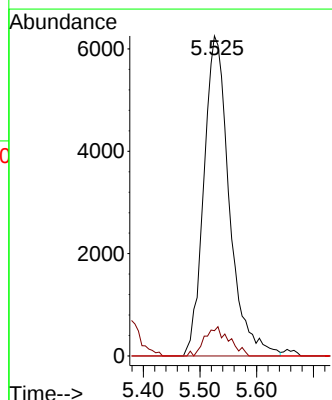
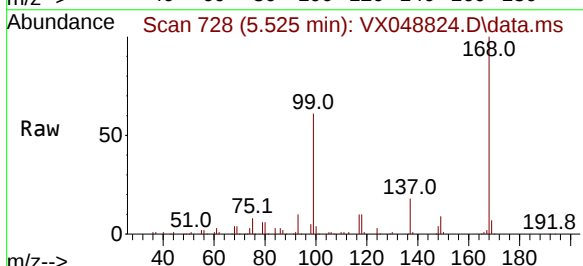
Tgt Ion: 75 Resp: 19511

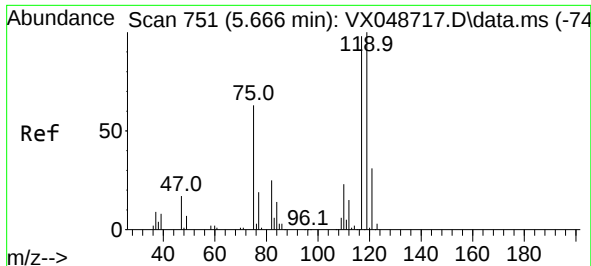
Ion Ratio Lower Upper

75 100

110 8.7 18.6 55.8#

77 0.0 25.3 37.9#

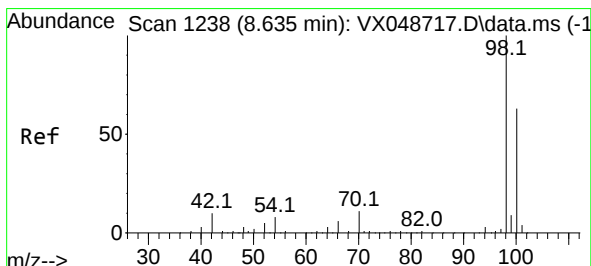
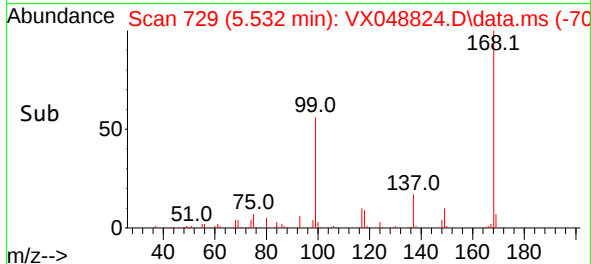
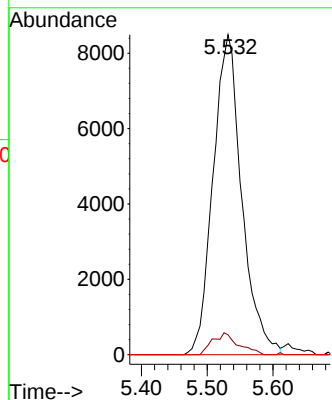
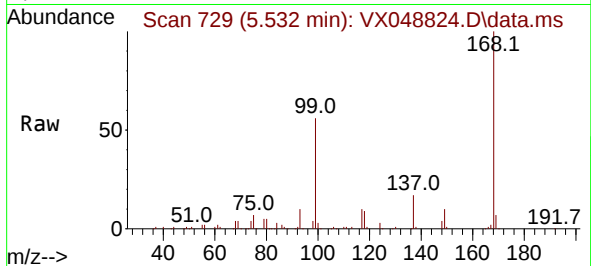




#38
Carbon Tetrachloride
Concen: 5.854 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX048824.D
Acq: 11 Dec 2025 14:06

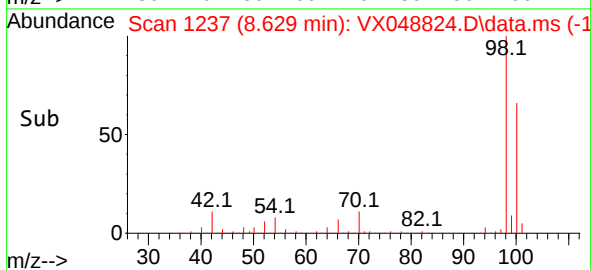
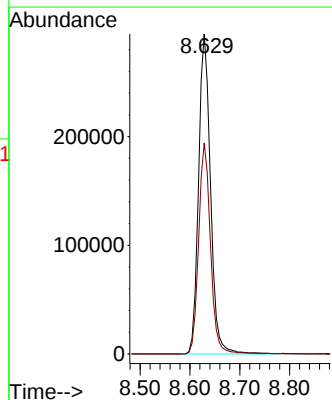
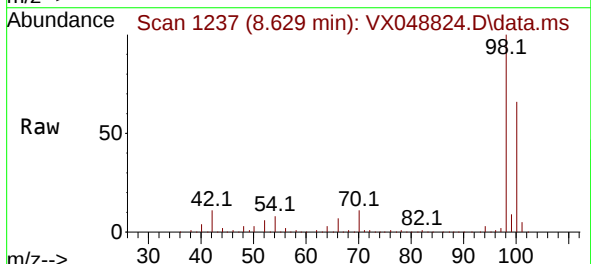
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBL01

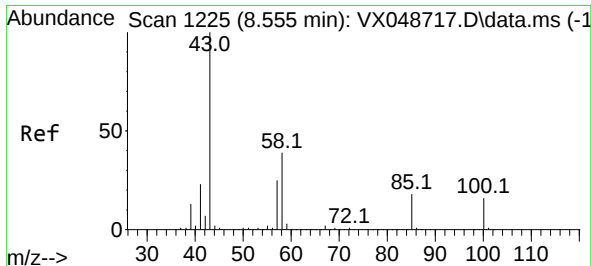
Tgt Ion:117 Resp: 25708
Ion Ratio Lower Upper
117 100
119 6.2 80.5 120.7#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 49.382 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048824.D
Acq: 11 Dec 2025 14:06

Tgt Ion: 98 Resp: 489960
Ion Ratio Lower Upper
98 100
100 65.2 53.4 80.0

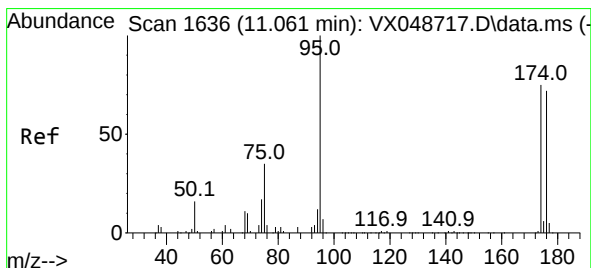
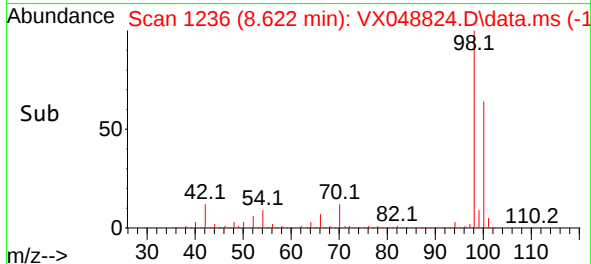
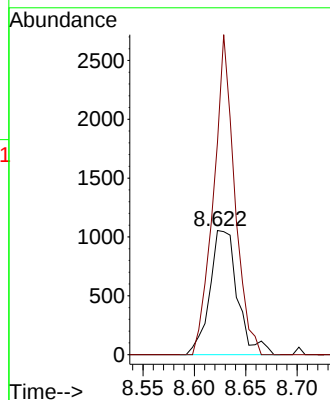
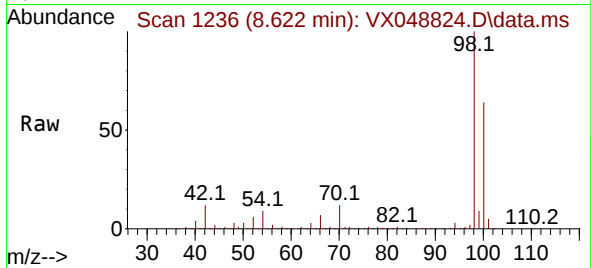




#51
4-Methyl-2-Pentanone
Concen: 0.454 ug/l
RT: 8.622 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX048824.D
Acq: 11 Dec 2025 14:06

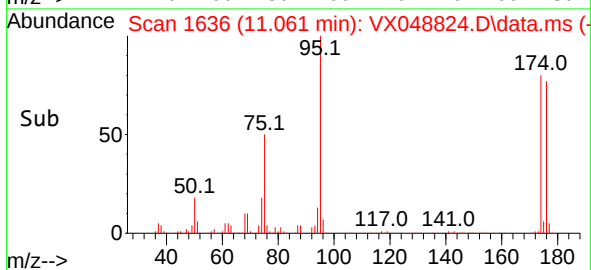
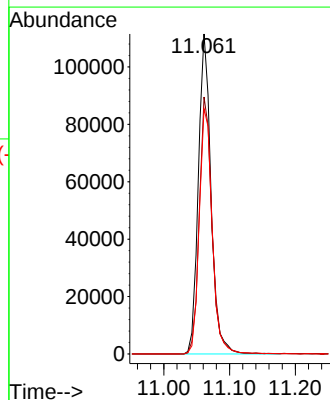
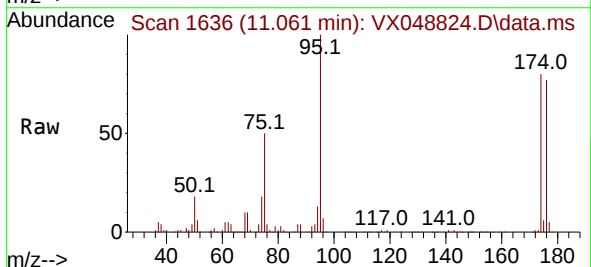
Instrument :
MSVOA_X
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VX1211WBL01

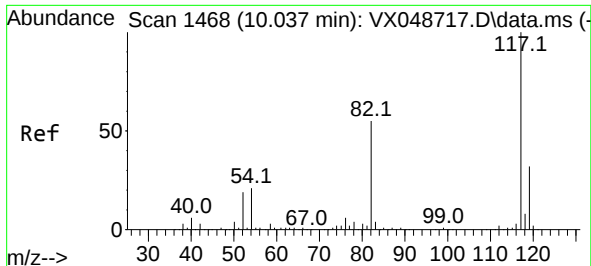
Tgt Ion: 43 Resp: 1977
Ion Ratio Lower Upper
43 100
58 195.9 32.2 48.4#



#62
4-Bromofluorobenzene
Concen: 43.443 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048824.D
Acq: 11 Dec 2025 14:06

Tgt Ion: 95 Resp: 148637
Ion Ratio Lower Upper
95 100
174 80.8 0.0 157.8
176 79.0 0.0 154.0

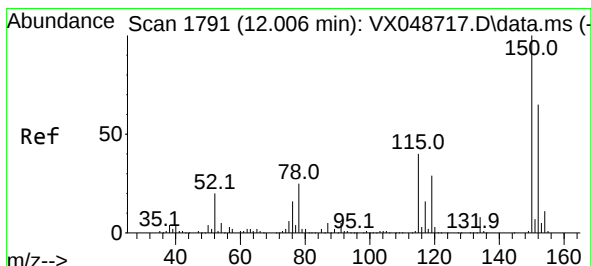
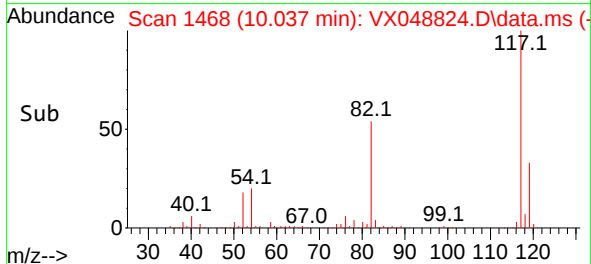
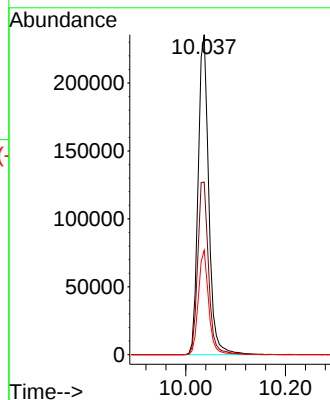
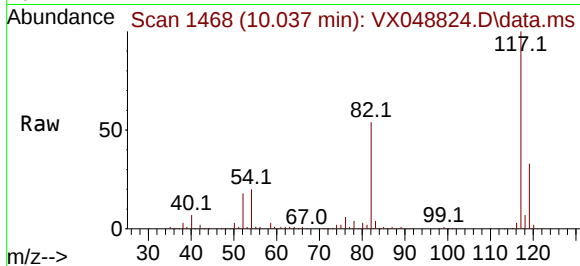




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048824.D
Acq: 11 Dec 2025 14:06

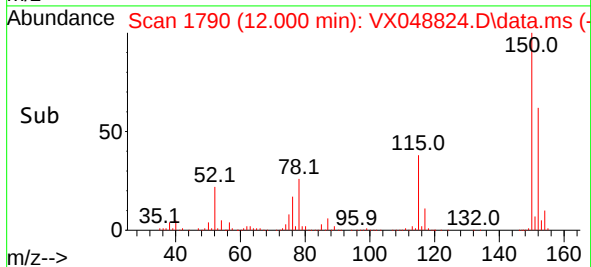
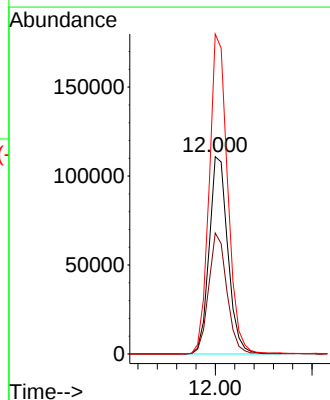
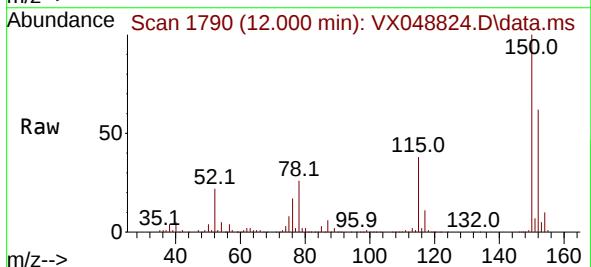
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBL01

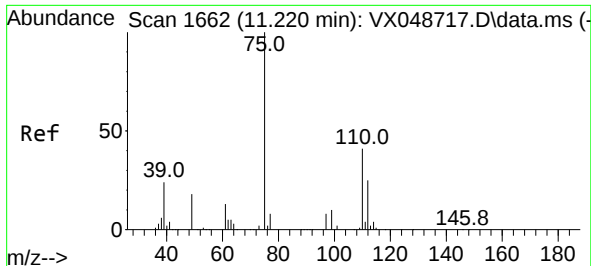
Tgt Ion:117 Resp: 347963
Ion Ratio Lower Upper
117 100
82 54.0 44.1 66.1
119 32.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VX048824.D
Acq: 11 Dec 2025 14:06

Tgt Ion:152 Resp: 149114
Ion Ratio Lower Upper
152 100
115 60.0 42.1 126.4
150 160.5 0.0 347.8

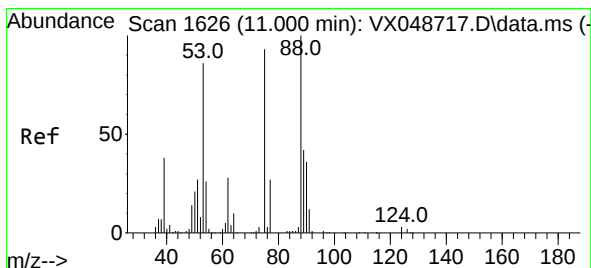
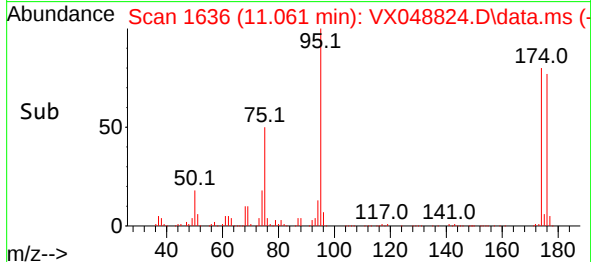
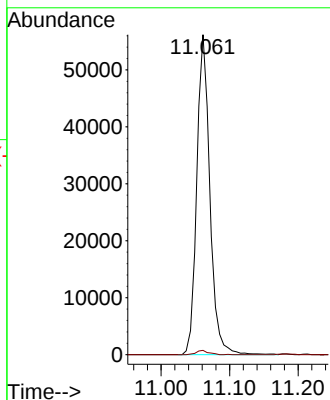
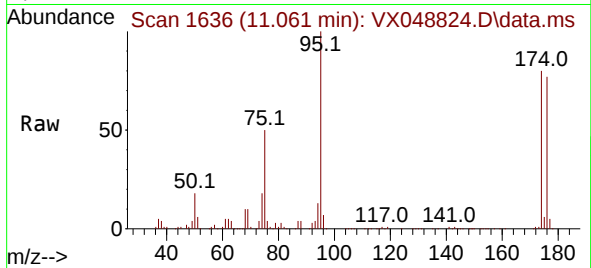




#76
1,2,3-Trichloropropane
Concen: 26.924 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.158 min
Lab File: VX048824.D
Acq: 11 Dec 2025 14:06

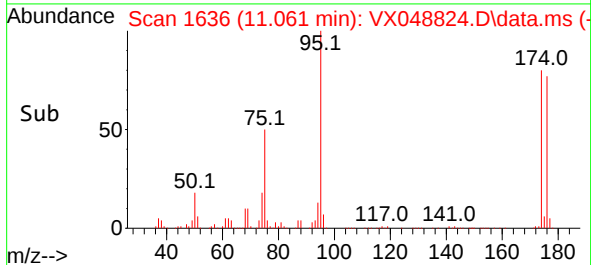
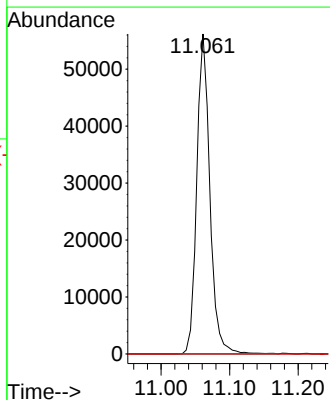
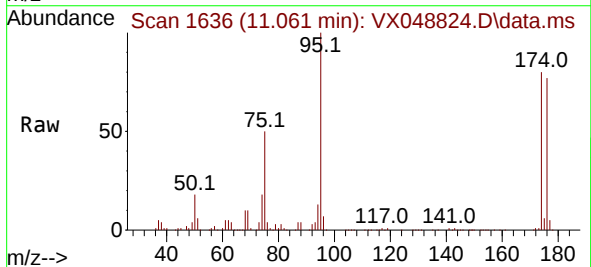
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBL01

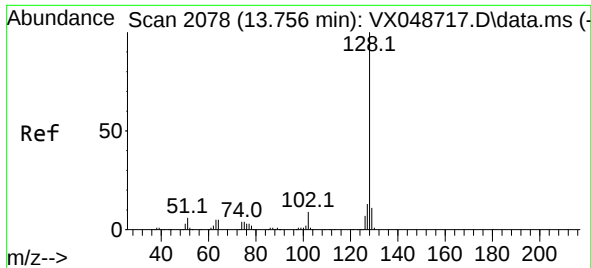
Tgt Ion: 75 Resp: 74775
Ion Ratio Lower Upper
75 100
77 1.2 24.3 73.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.954 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048824.D
Acq: 11 Dec 2025 14:06

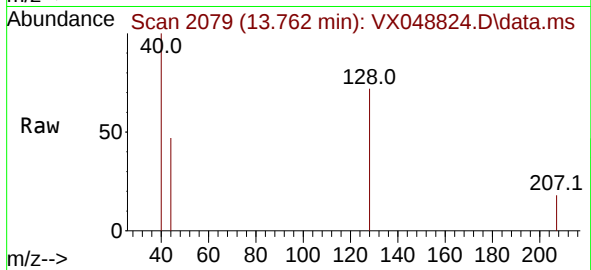
Tgt Ion: 75 Resp: 74775
Ion Ratio Lower Upper
75 100
53 0.0 79.9 119.9#
89 0.0 67.1 100.7#





#95
Naphthalene
Concen: Below Cal
RT: 13.762 min Scan# 2079
Delta R.T. 0.006 min
Lab File: VX048824.D
Acq: 11 Dec 2025 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBL01



Tgt Ion:128 Resp: 594
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

