

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
 Data File : VX048754.D
 Acq On : 08 Dec 2025 14:57
 Operator : JC/MD
 Sample : Q3787-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-03B-51.5-120425

Quant Time: Dec 09 04:11:18 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	5.544	168	160355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	343808	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	352510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	128068	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	137902	64.073	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	128.140%#
35) Dibromofluoromethane	5.373	113	115093	48.619	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.240%
50) Toluene-d8	8.635	98	394240	47.510	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.020%
62) 4-Bromofluorobenzene	11.061	95	110501	38.618	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	77.240%#

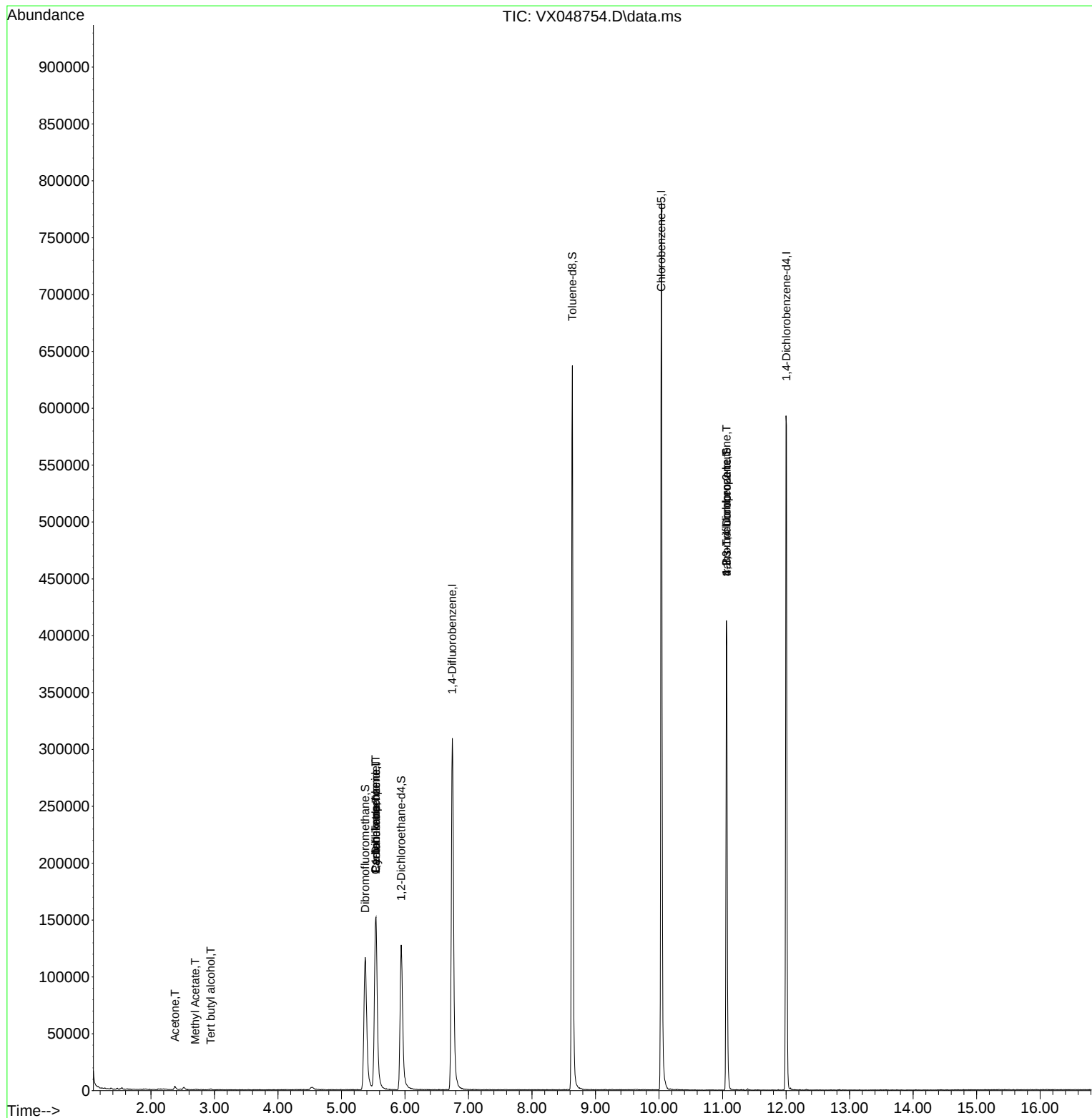
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.940	59	225	0.648	ug/l #	73
16) Acetone	2.380	43	4105	4.982	ug/l	95
18) Methyl Acetate	2.697	43	1025	0.442	ug/l #	55
31) Cyclohexane	5.544	56	3698	1.271	ug/l #	23
36) 1,1-Dichloropropene	5.538	75	12719	3.923	ug/l #	44
38) Carbon Tetrachloride	5.538	117	16693	4.545	ug/l #	14
76) 1,2,3-Trichloropropane	11.061	75	58956	24.716	ug/l #	30
81) trans-1,4-Dichloro-2-b...	11.061	75	58956	58.711	ug/l #	3
95) Naphthalene	13.768	128	21	Below Cal	#	69

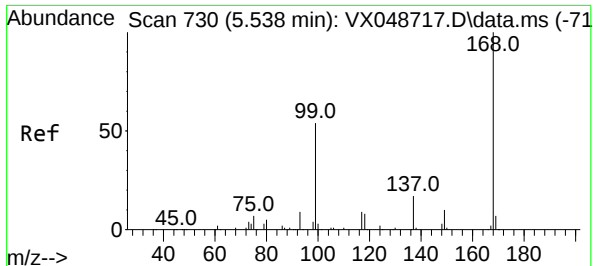
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
Data File : VX048754.D
Acq On : 08 Dec 2025 14:57
Operator : JC/MD
Sample : Q3787-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OW-03B-51.5-120425

Quant Time: Dec 09 04:11:18 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

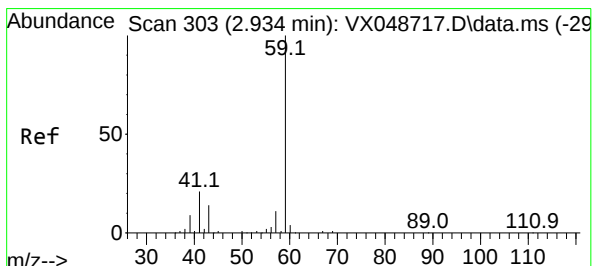
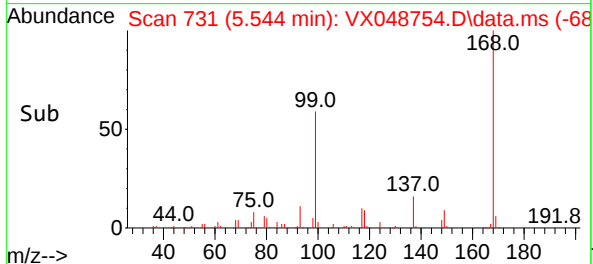
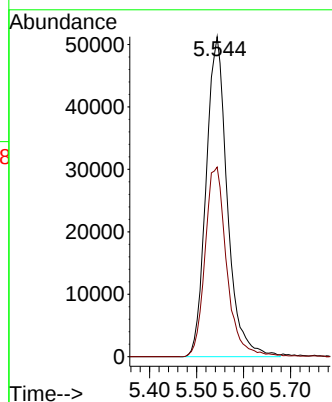
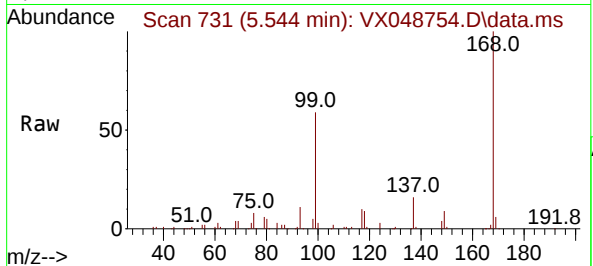




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX048754.D
Acq: 08 Dec 2025 14:57

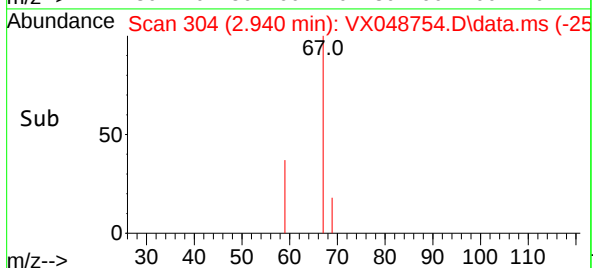
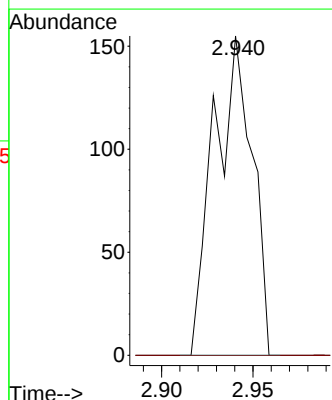
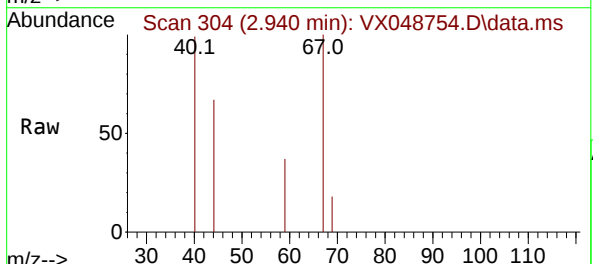
Instrument :
MSVOA_X
ClientSampleId :
OW-03B-51.5-120425

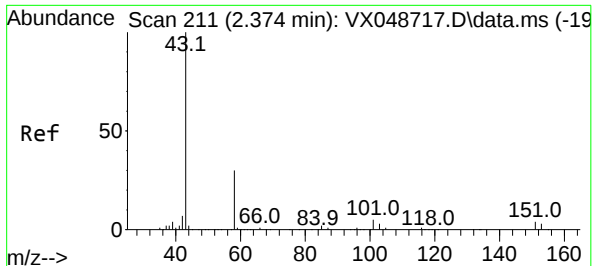
Tgt Ion:168 Resp: 160355
Ion Ratio Lower Upper
168 100
99 59.3 44.2 66.4



#11
Tert butyl alcohol
Concen: 0.648 ug/l
RT: 2.940 min Scan# 304
Delta R.T. 0.006 min
Lab File: VX048754.D
Acq: 08 Dec 2025 14:57

Tgt Ion: 59 Resp: 225
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

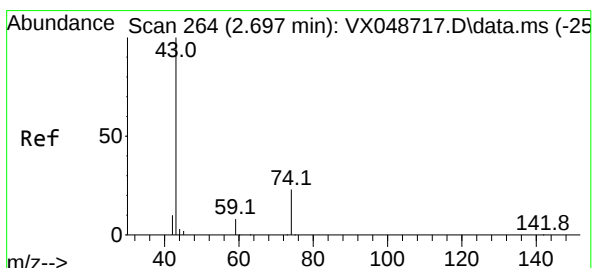
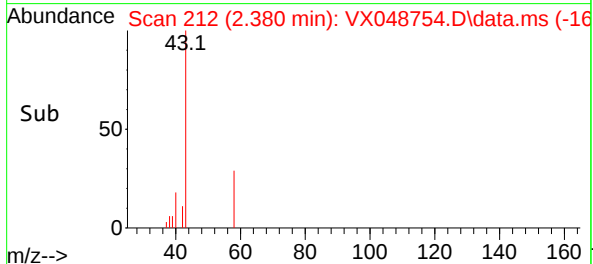
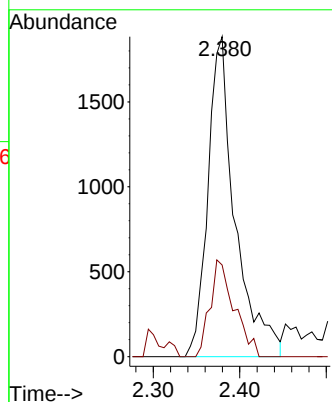
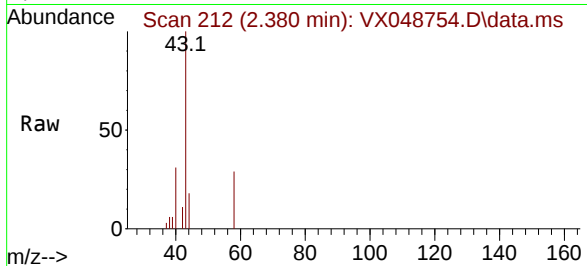




#16
Acetone
Concen: 4.982 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX048754.D
Acq: 08 Dec 2025 14:57

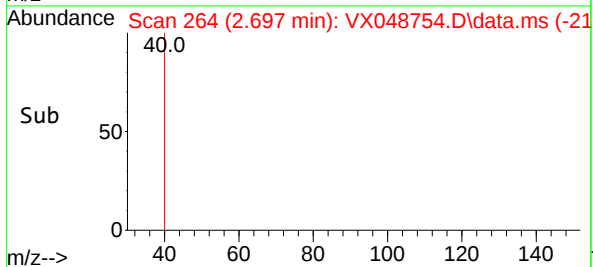
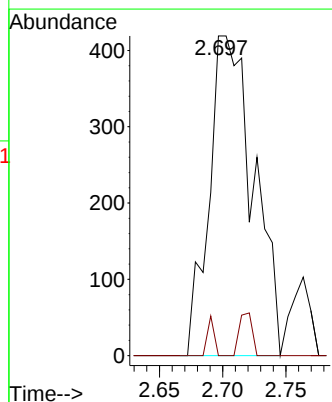
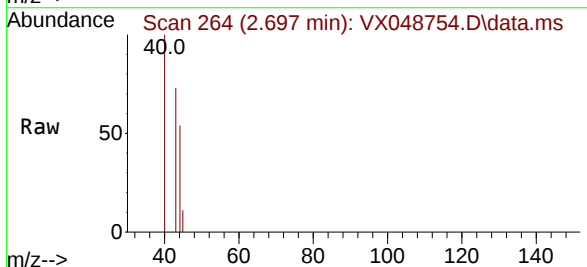
Instrument :
MSVOA_X
ClientSampleId :
OW-03B-51.5-120425

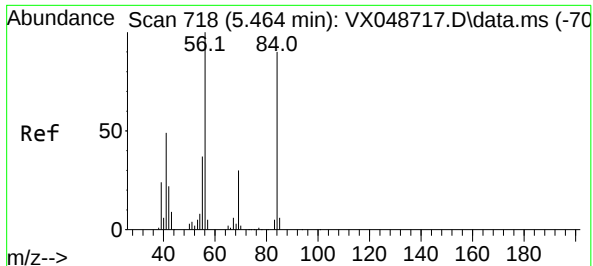
Tgt Ion: 43 Resp: 4105
Ion Ratio Lower Upper
43 100
58 28.6 25.0 37.4



#18
Methyl Acetate
Concen: 0.442 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048754.D
Acq: 08 Dec 2025 14:57

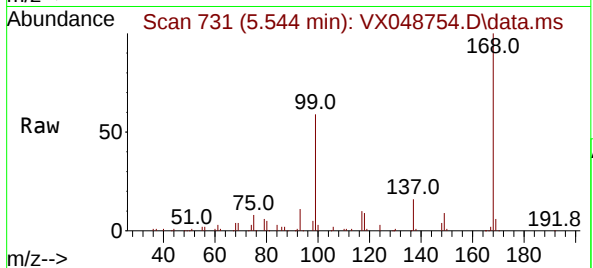
Tgt Ion: 43 Resp: 1025
Ion Ratio Lower Upper
43 100
74 1.9 19.2 28.8#



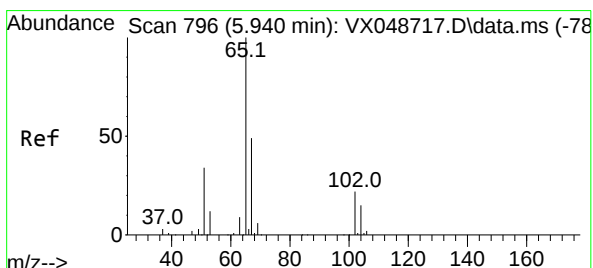
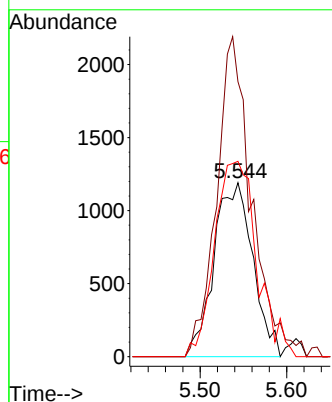
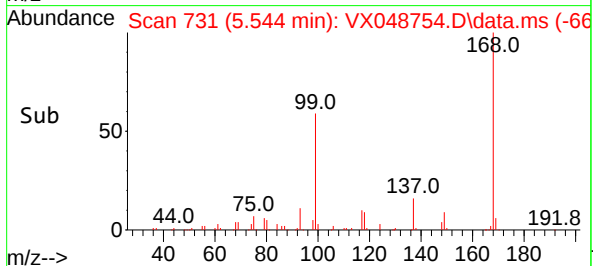


#31
Cyclohexane
Concen: 1.271 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX048754.D
Acq: 08 Dec 2025 14:57

Instrument :
MSVOA_X
ClientSampleId :
OW-03B-51.5-120425

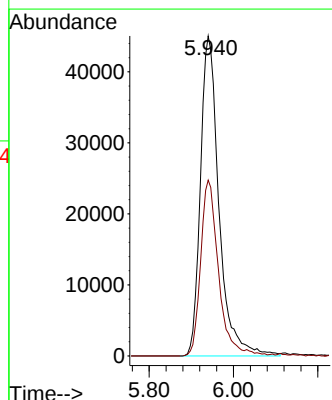
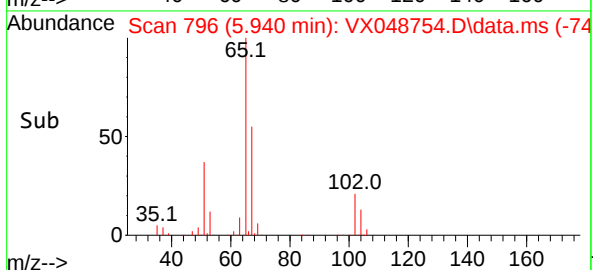
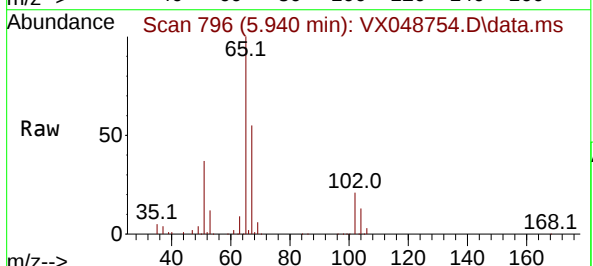


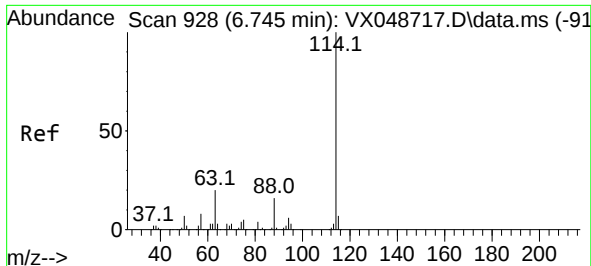
Tgt Ion: 56 Resp: 3698
Ion Ratio Lower Upper
56 100
69 158.1 24.2 36.2#
84 112.3 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 64.073 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048754.D
Acq: 08 Dec 2025 14:57

Tgt Ion: 65 Resp: 137902
Ion Ratio Lower Upper
65 100
67 53.0 0.0 107.4

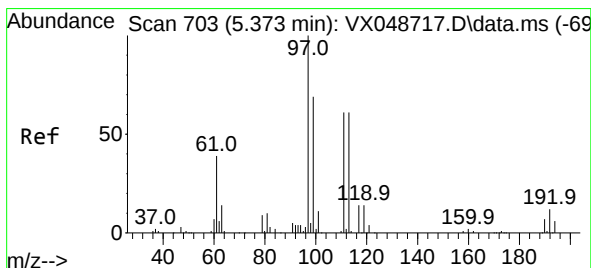
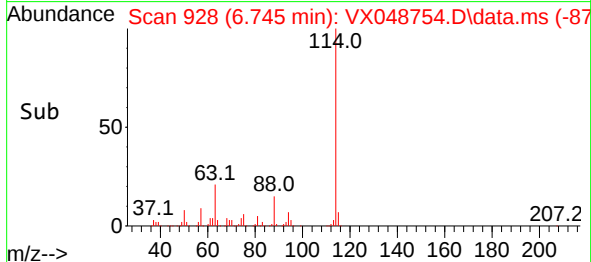
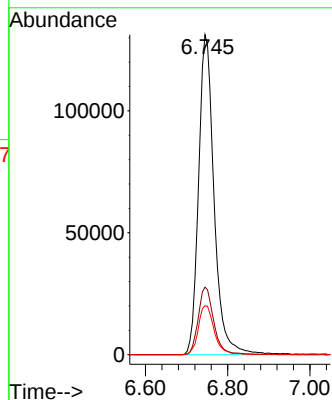
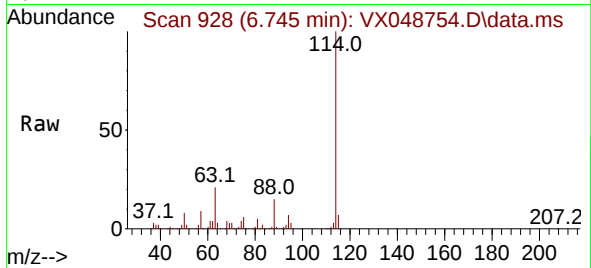




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048754.D
Acq: 08 Dec 2025 14:57

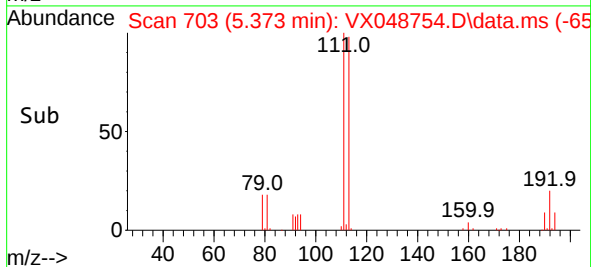
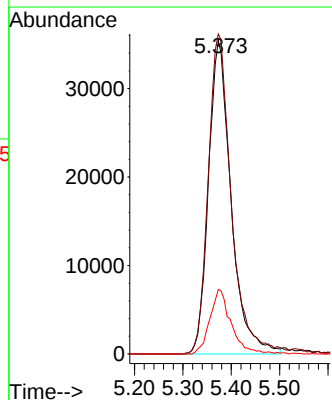
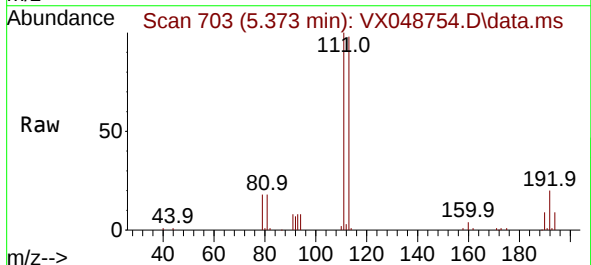
Instrument :
MSVOA_X
ClientSampleId :
OW-03B-51.5-120425

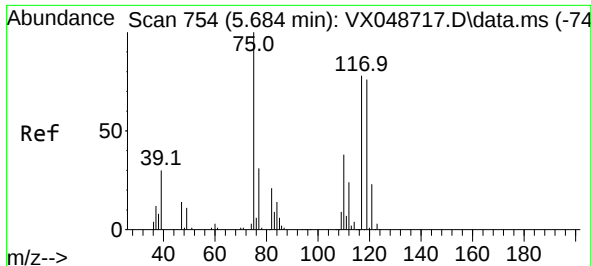
Tgt Ion:114 Resp: 343808
Ion Ratio Lower Upper
114 100
63 21.1 0.0 39.0
88 15.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 48.619 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048754.D
Acq: 08 Dec 2025 14:57

Tgt Ion:113 Resp: 115093
Ion Ratio Lower Upper
113 100
111 104.1 79.5 119.3
192 19.5 16.1 24.1





#36

1,1-Dichloropropene

Concen: 3.923 ug/l

RT: 5.538 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX048754.D

Acq: 08 Dec 2025 14:57

Instrument :

MSVOA_X

ClientSampleId :

OW-03B-51.5-120425

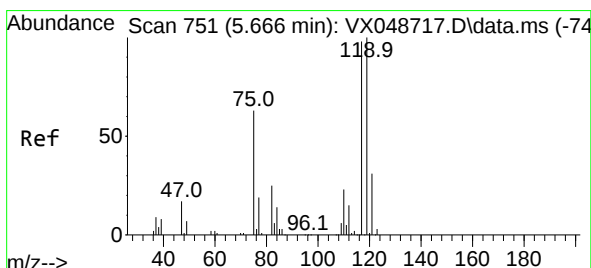
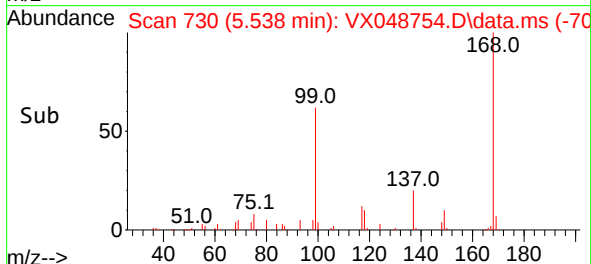
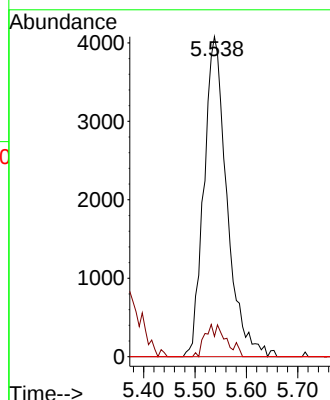
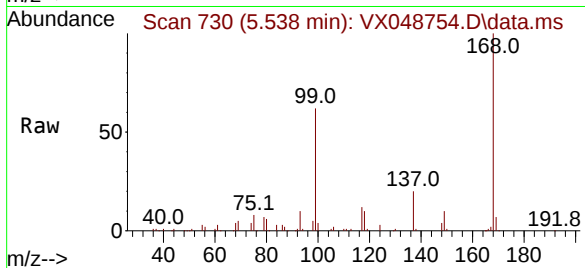
Tgt Ion: 75 Resp: 12719

Ion Ratio Lower Upper

75 100

110 4.4 18.6 55.8#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 4.545 ug/l

RT: 5.538 min Scan# 730

Delta R.T. -0.128 min

Lab File: VX048754.D

Acq: 08 Dec 2025 14:57

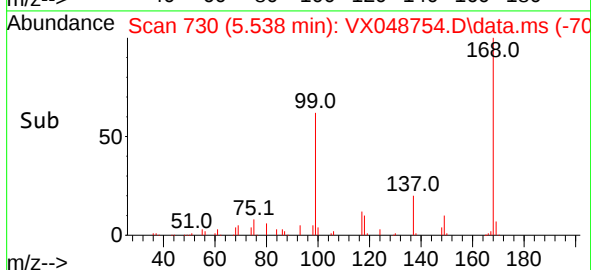
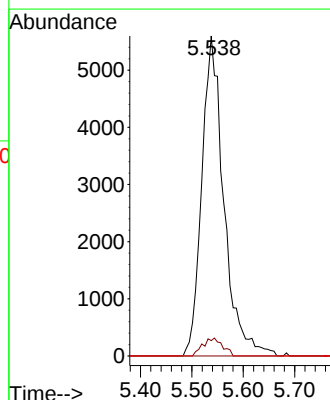
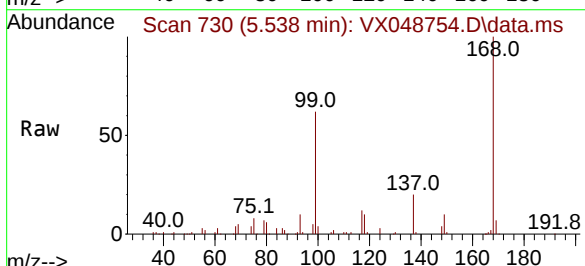
Tgt Ion: 117 Resp: 16693

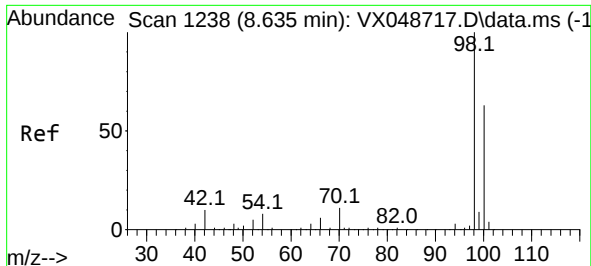
Ion Ratio Lower Upper

117 100

119 4.8 80.5 120.7#

121 0.0 25.4 38.0#

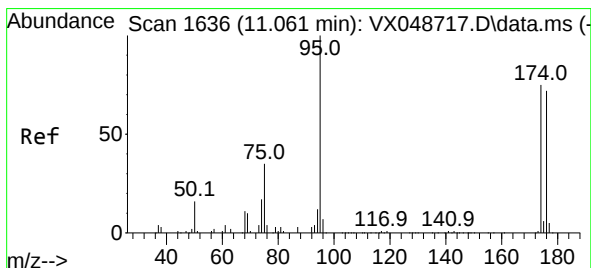
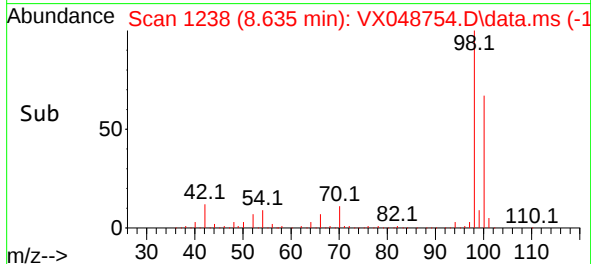
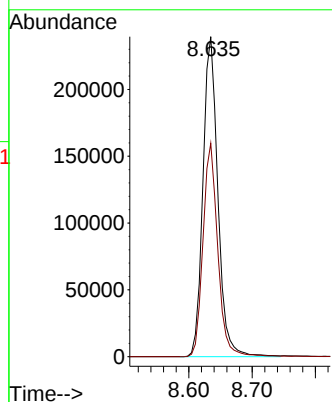
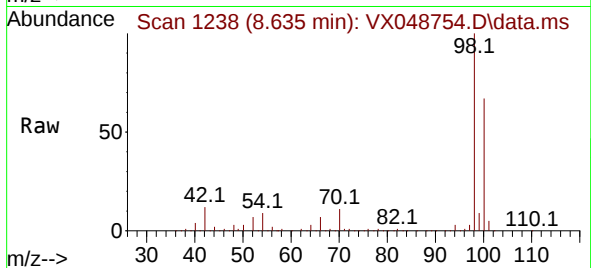




#50
Toluene-d8
Concen: 47.510 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048754.D
Acq: 08 Dec 2025 14:57

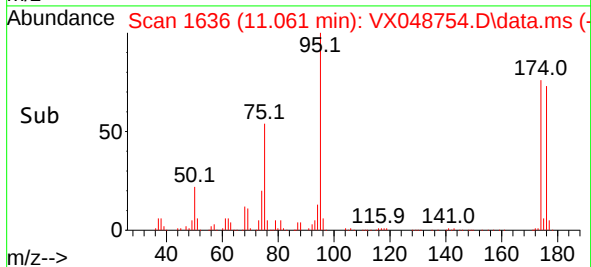
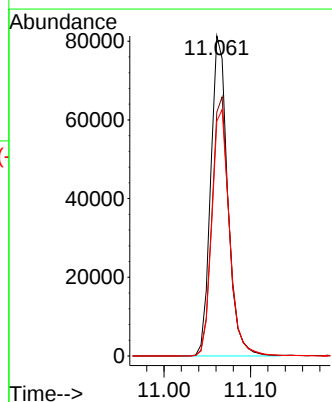
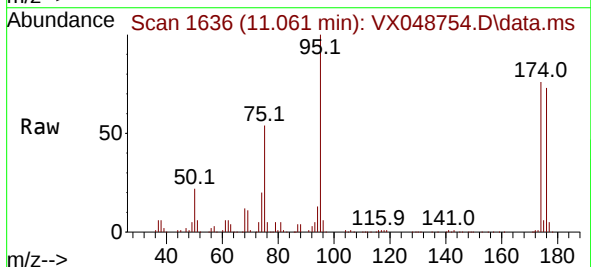
Instrument :
MSVOA_X
ClientSampleId :
OW-03B-51.5-120425

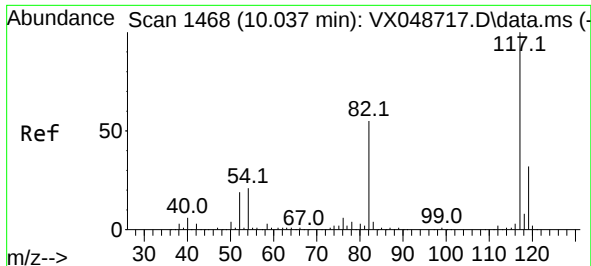
Tgt Ion: 98 Resp: 394240
Ion Ratio Lower Upper
98 100
100 66.0 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 38.618 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048754.D
Acq: 08 Dec 2025 14:57

Tgt Ion: 95 Resp: 110501
Ion Ratio Lower Upper
95 100
174 82.6 0.0 157.8
176 79.8 0.0 154.0

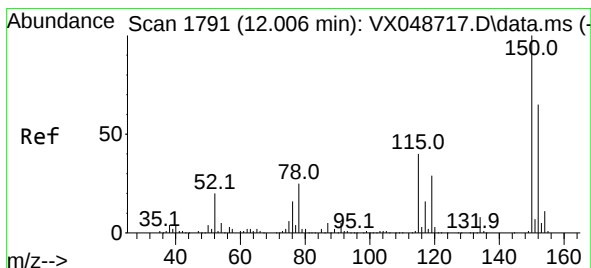
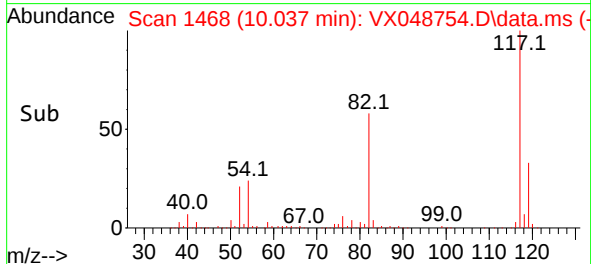
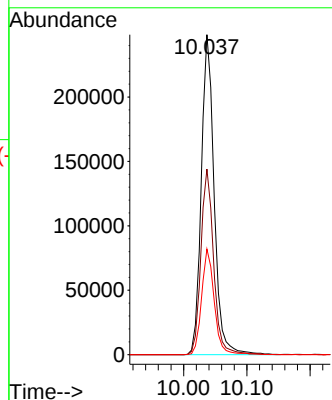
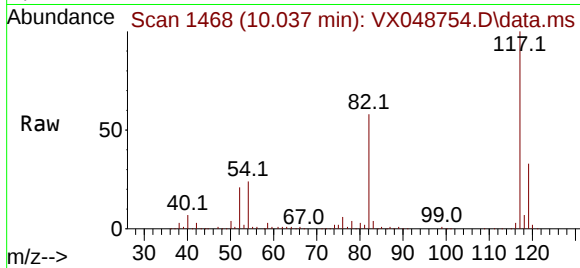




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048754.D
Acq: 08 Dec 2025 14:57

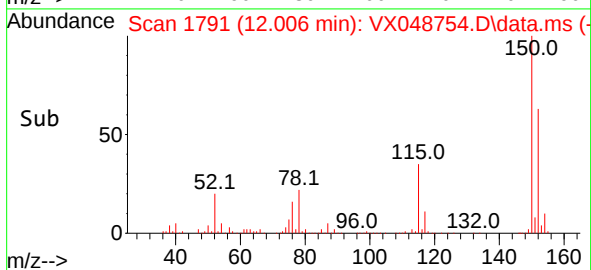
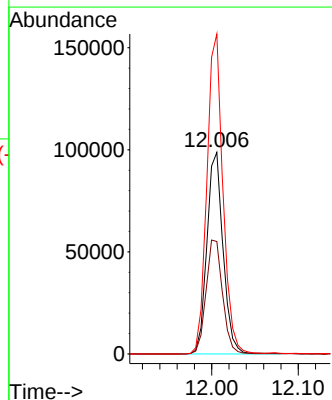
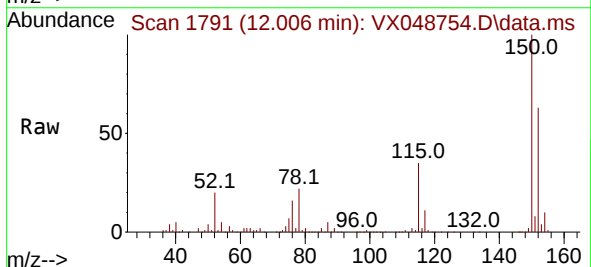
Instrument :
MSVOA_X
ClientSampleId :
OW-03B-51.5-120425

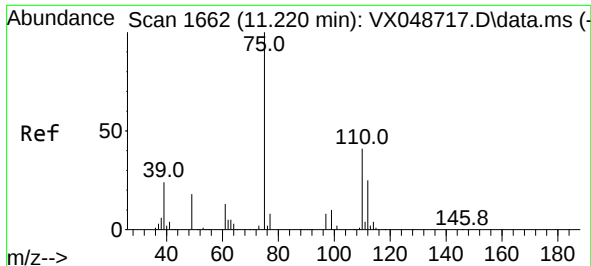
Tgt Ion:117 Resp: 352510
Ion Ratio Lower Upper
117 100
82 58.0 44.1 66.1
119 33.0 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048754.D
Acq: 08 Dec 2025 14:57

Tgt Ion:152 Resp: 128068
Ion Ratio Lower Upper
152 100
115 57.8 42.1 126.4
150 157.1 0.0 347.8

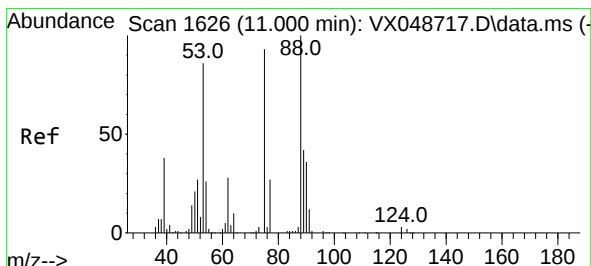
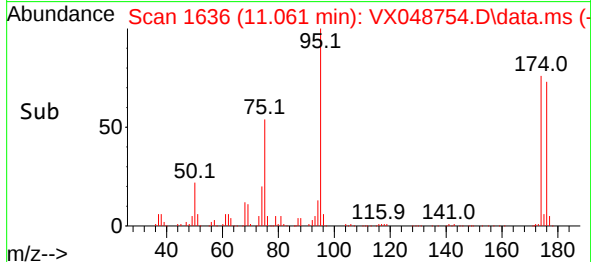
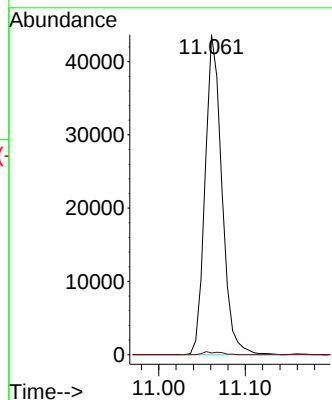
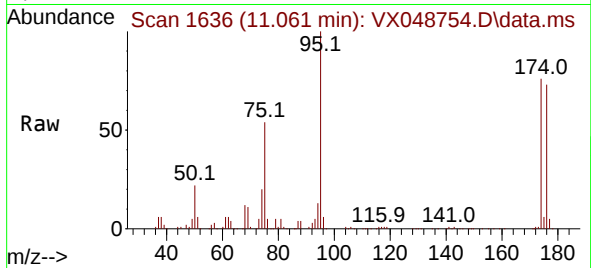




#76
1,2,3-Trichloropropane
Concen: 24.716 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048754.D
Acq: 08 Dec 2025 14:57

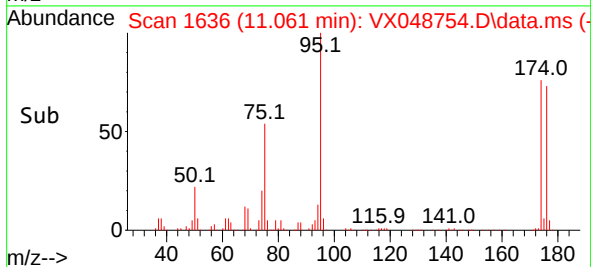
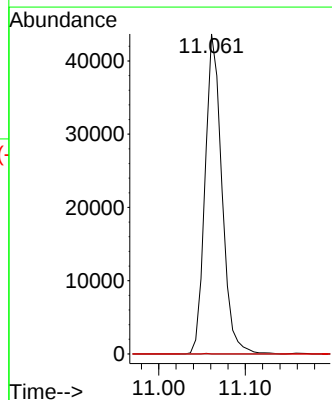
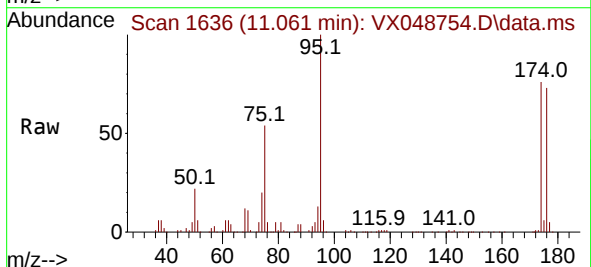
Instrument :
MSVOA_X
ClientSampleId :
OW-03B-51.5-120425

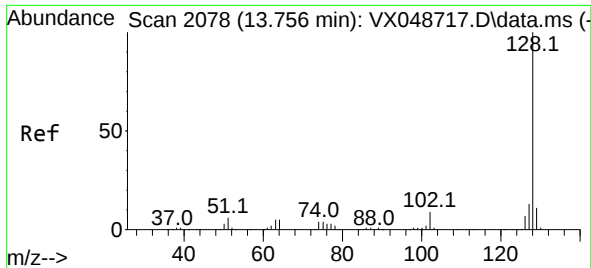
Tgt Ion: 75 Resp: 58956
Ion Ratio Lower Upper
75 100
77 0.9 24.3 73.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.711 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048754.D
Acq: 08 Dec 2025 14:57

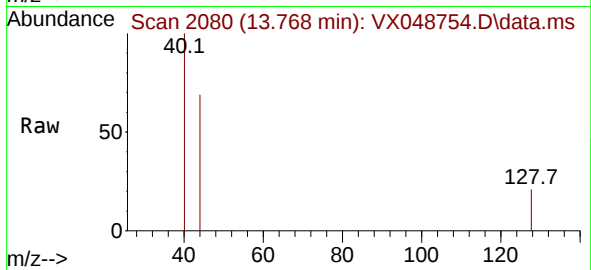
Tgt Ion: 75 Resp: 58956
Ion Ratio Lower Upper
75 100
53 0.1 79.9 119.9#
89 0.0 67.1 100.7#





#95
Naphthalene
Concen: Below Cal
RT: 13.768 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX048754.D
Acq: 08 Dec 2025 14:57

Instrument :
MSVOA_X
ClientSampleId :
OW-03B-51.5-120425



Tgt Ion:128 Resp: 21
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

