

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121125\
 Data File : VX048834.D
 Acq On : 11 Dec 2025 18:02
 Operator : JC/MD
 Sample : Q3828-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BR-02-133-120925

Quant Time: Dec 11 23:54:31 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)

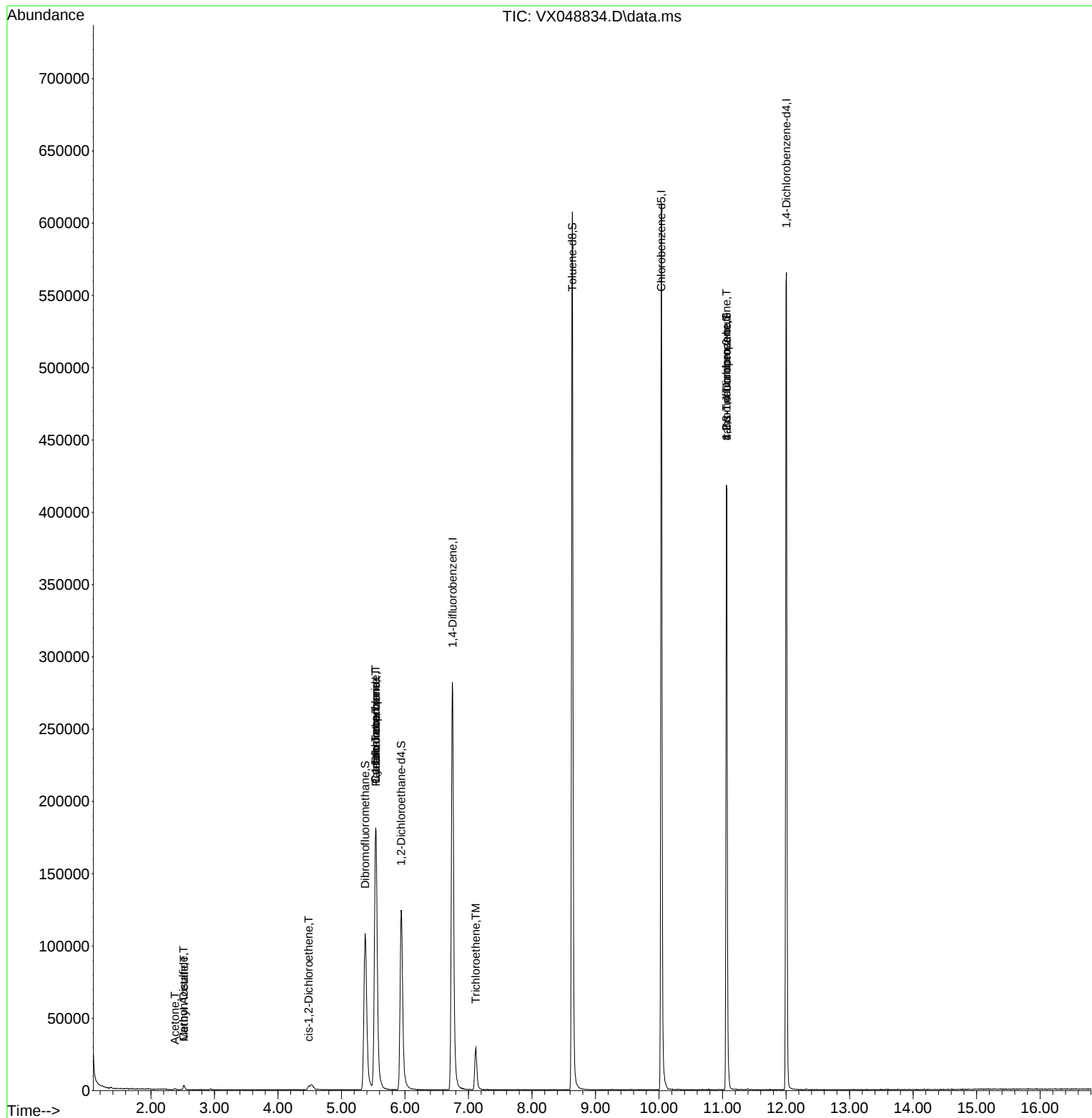
Internal Standards						
1) Pentafluorobenzene	5.543	168	192834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	321114	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	287581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	130094	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	138177	53.388	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.780%	
35) Dibromofluoromethane	5.373	113	107973	48.835	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.660%	
50) Toluene-d8	8.634	98	388530	50.131	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.260%	
62) 4-Bromofluorobenzene	11.061	95	124801	46.698	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.400%	
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	1435	1.448	ug/l #	82
17) Carbon Disulfide	2.513	76	1374	0.211	ug/l #	74
18) Methyl Acetate	2.520	43	707	0.254	ug/l #	51
27) cis-1,2-Dichloroethene	4.483	96	2008	0.779	ug/l	96
31) Cyclohexane	5.537	56	3855	1.102	ug/l #	17
36) 1,1-Dichloropropene	5.537	75	14725	4.862	ug/l #	49
38) Carbon Tetrachloride	5.537	117	19533	5.695	ug/l #	15
44) Trichloroethene	7.116	130	12613	5.385	ug/l	90
76) 1,2,3-Trichloropropane	11.061	75	63569	26.235	ug/l #	30
81) trans-1,4-Dichloro-2-b...	11.061	75	63569	62.319	ug/l #	3
95) Naphthalene	13.774	128	55	Below Cal	#	69

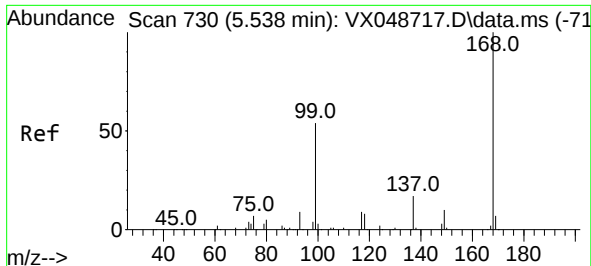
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121125\
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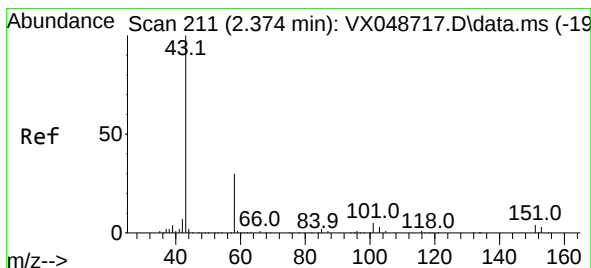
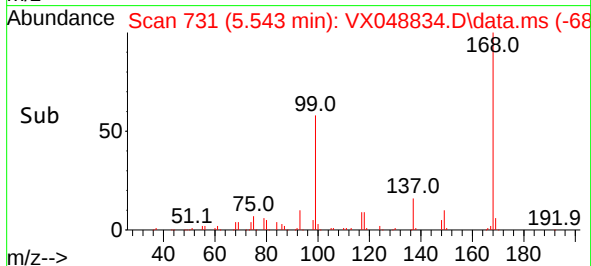
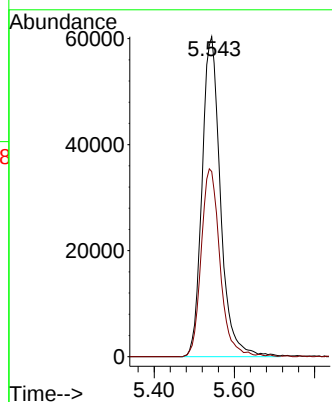
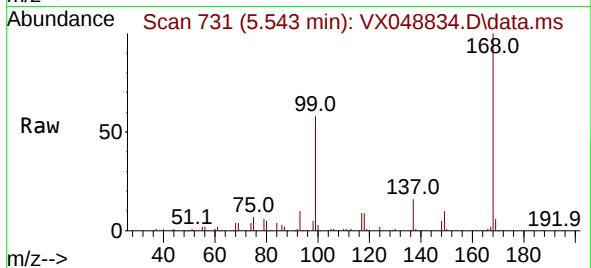




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX048834.D
Acq: 11 Dec 2025 18:02

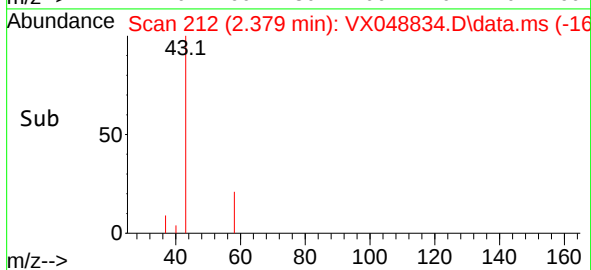
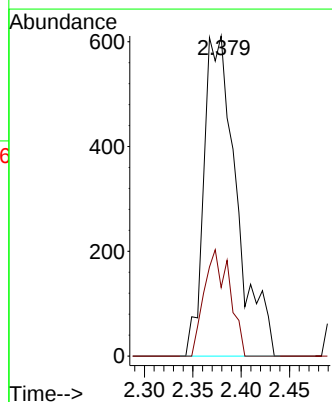
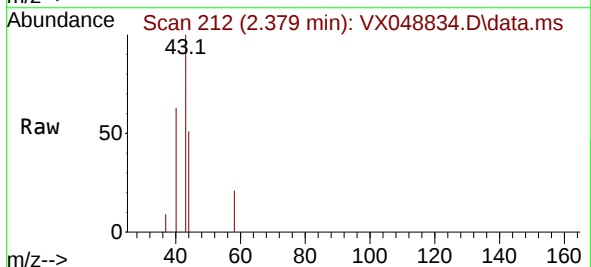
Instrument :
MSVOA_X
ClientSampleId :
BR-02-133-120925

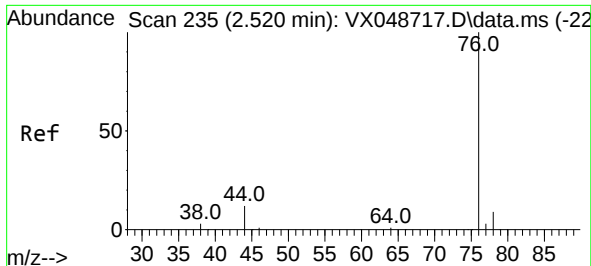
Tgt Ion:168 Resp: 192834
Ion Ratio Lower Upper
168 100
99 57.9 44.2 66.4



#16
Acetone
Concen: 1.448 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048834.D
Acq: 11 Dec 2025 18:02

Tgt Ion: 43 Resp: 1435
Ion Ratio Lower Upper
43 100
58 21.4 25.0 37.4#





#17

Carbon Disulfide

Concen: 0.211 ug/l

RT: 2.513 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX048834.D

Acq: 11 Dec 2025 18:02

Instrument :

MSVOA_X

ClientSampleId :

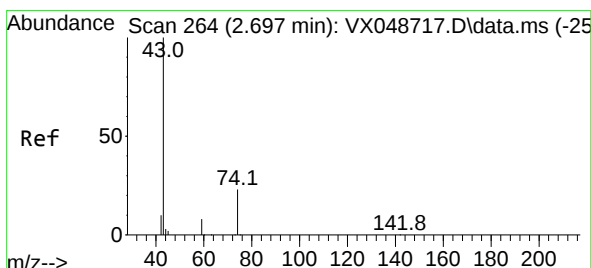
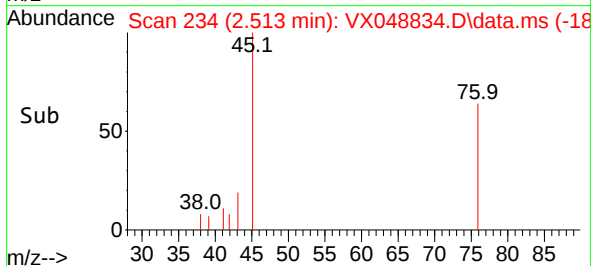
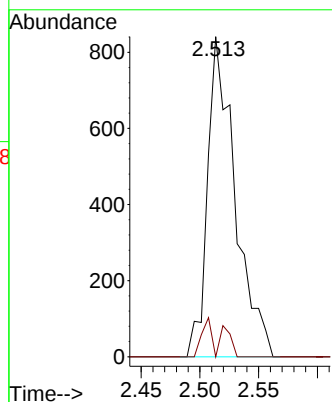
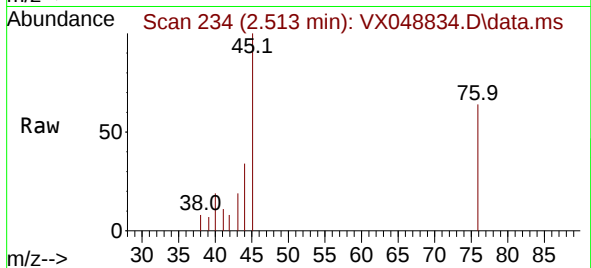
BR-02-133-120925

Tgt Ion: 76 Resp: 1374

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.2#



#18

Methyl Acetate

Concen: 0.254 ug/l

RT: 2.520 min Scan# 235

Delta R.T. -0.177 min

Lab File: VX048834.D

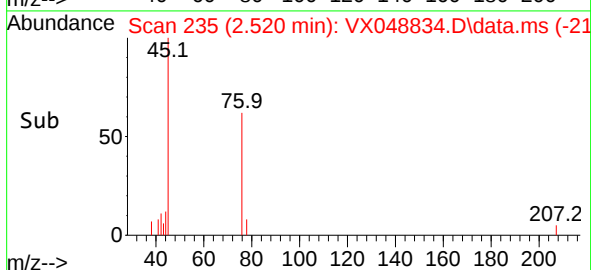
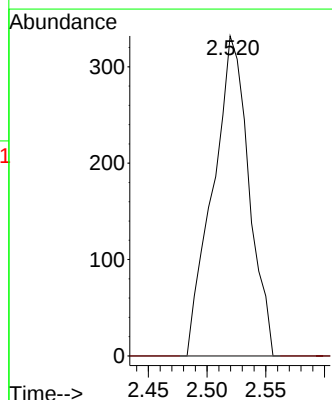
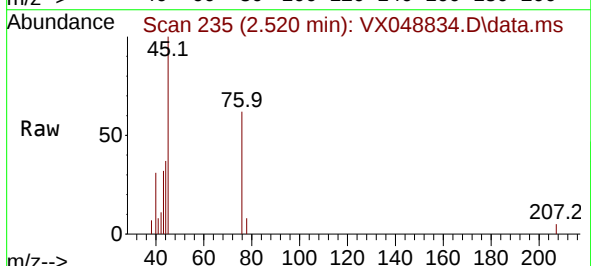
Acq: 11 Dec 2025 18:02

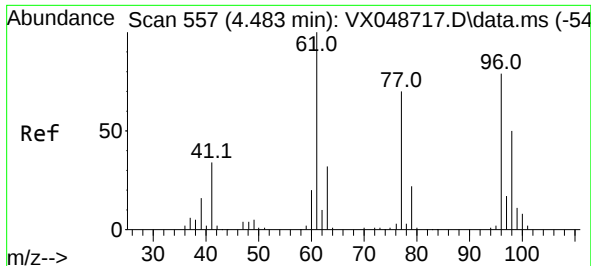
Tgt Ion: 43 Resp: 707

Ion Ratio Lower Upper

43 100

74 0.0 19.2 28.8#





#27

cis-1,2-Dichloroethene

Concen: 0.779 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX048834.D

Acq: 11 Dec 2025 18:02

Instrument :

MSVOA_X

ClientSampleId :

BR-02-133-120925

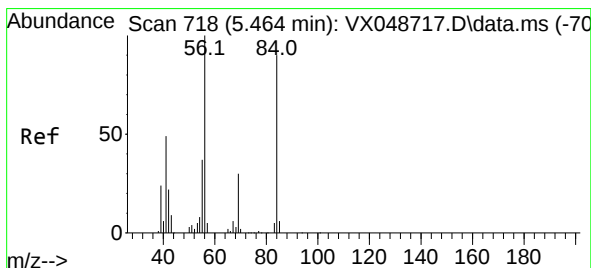
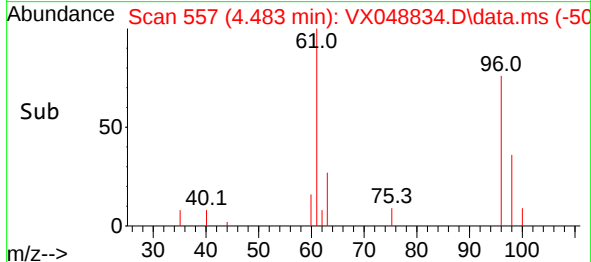
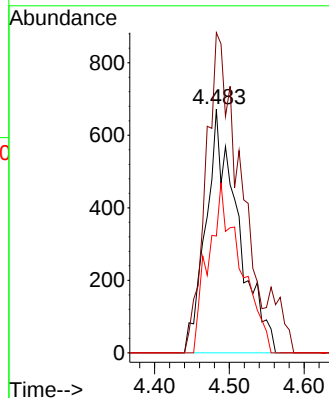
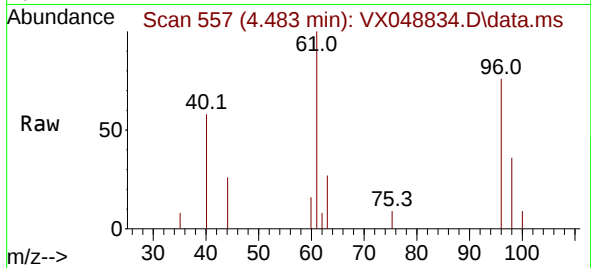
Tgt Ion: 96 Resp: 2008

Ion Ratio Lower Upper

96 100

61 139.1 0.0 271.0

98 69.6 0.0 130.2



#31

Cyclohexane

Concen: 1.102 ug/l

RT: 5.537 min Scan# 730

Delta R.T. 0.073 min

Lab File: VX048834.D

Acq: 11 Dec 2025 18:02

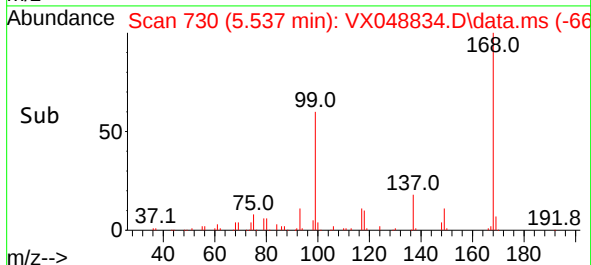
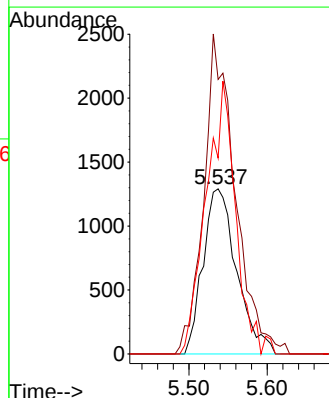
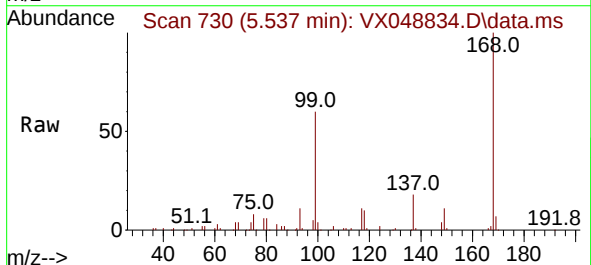
Tgt Ion: 56 Resp: 3855

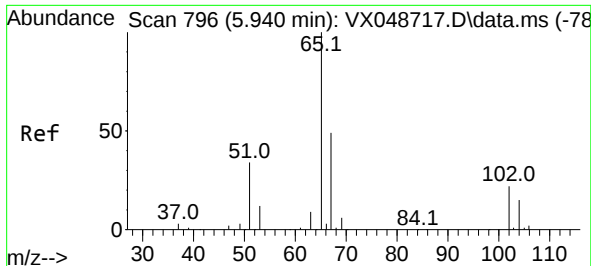
Ion Ratio Lower Upper

56 100

69 161.9 24.2 36.2#

84 118.6 72.1 108.1#





#33

1,2-Dichloroethane-d4

Concen: 53.388 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048834.D

Acq: 11 Dec 2025 18:02

Instrument :

MSVOA_X

ClientSampleId :

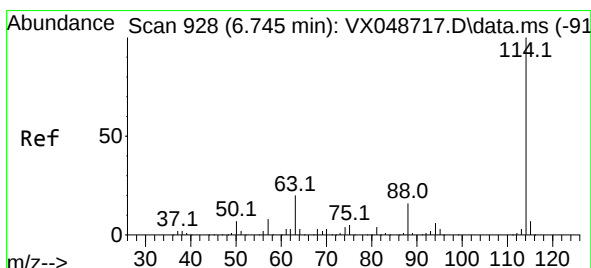
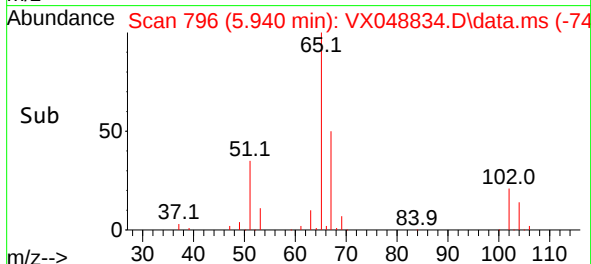
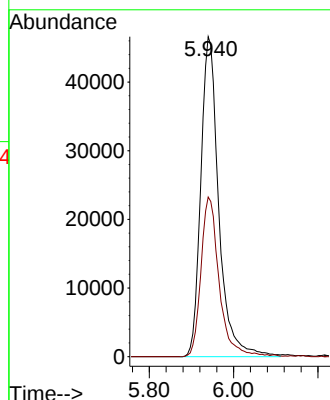
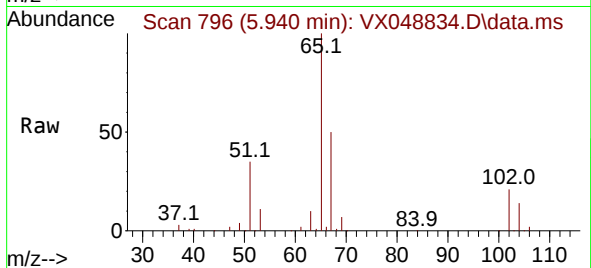
BR-02-133-120925

Tgt Ion: 65 Resp: 138177

Ion Ratio Lower Upper

65 100

67 50.4 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.750 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048834.D

Acq: 11 Dec 2025 18:02

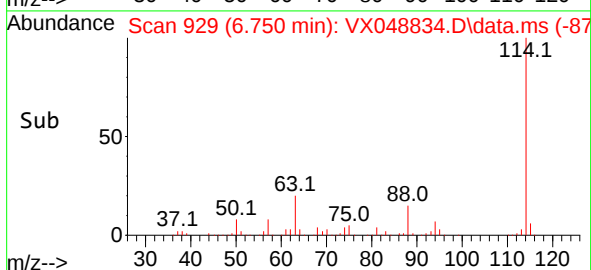
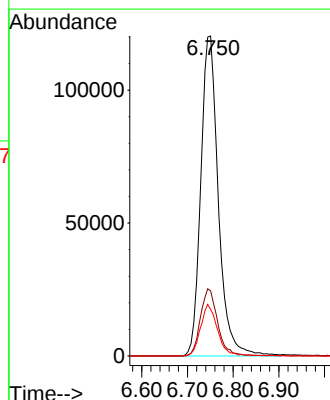
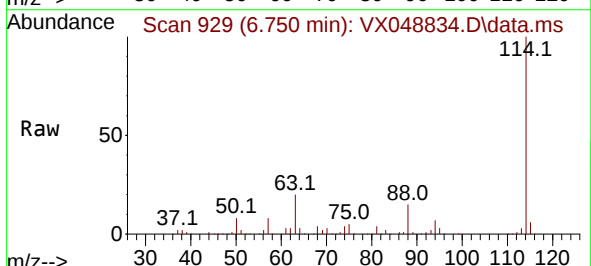
Tgt Ion: 114 Resp: 321114

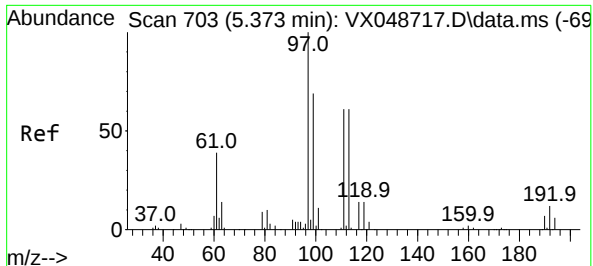
Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.0

88 14.5 0.0 31.8

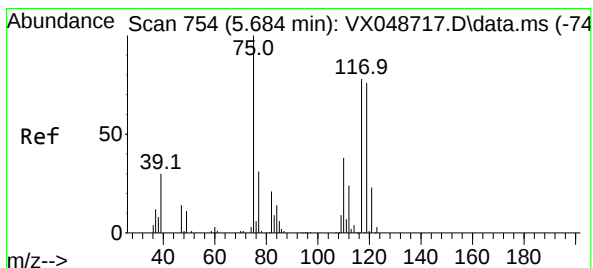
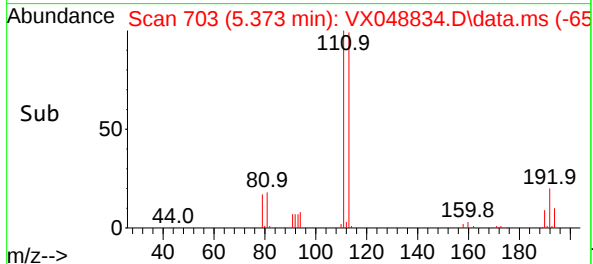
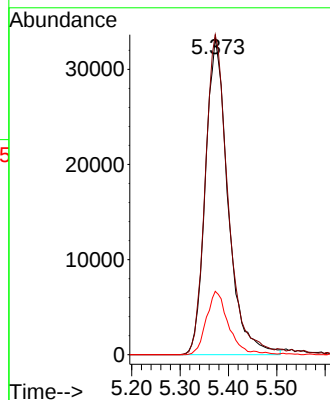
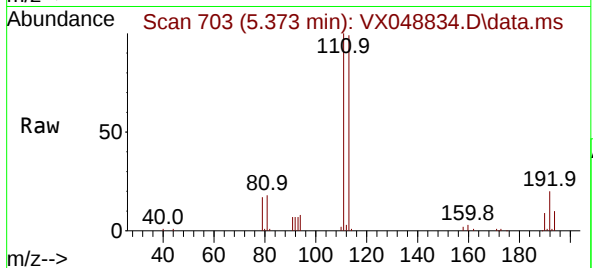




#35
Dibromofluoromethane
Concen: 48.835 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048834.D
Acq: 11 Dec 2025 18:02

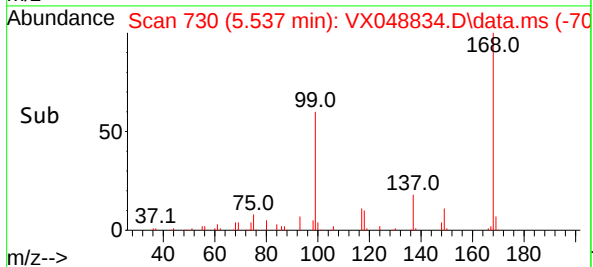
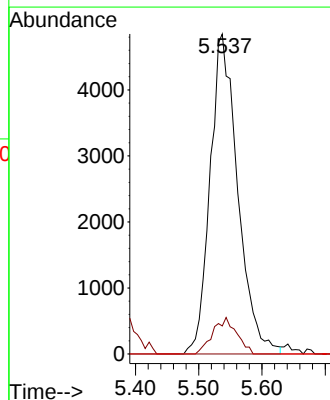
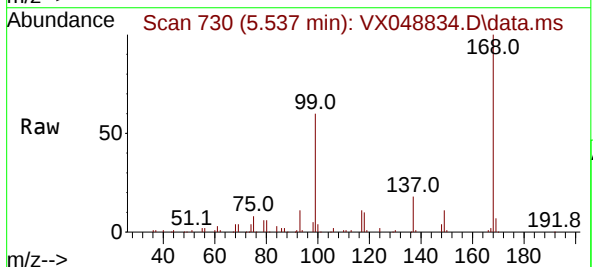
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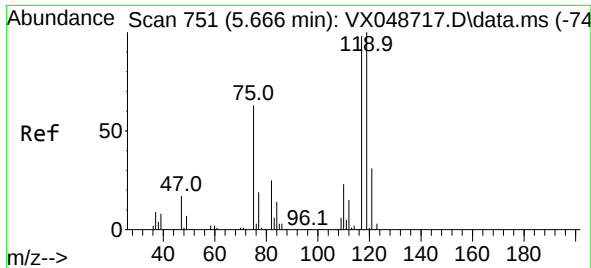
Tgt Ion:113 Resp: 107973
Ion Ratio Lower Upper
113 100
111 101.8 79.5 119.3
192 19.7 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.862 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.147 min
Lab File: VX048834.D
Acq: 11 Dec 2025 18:02

Tgt Ion: 75 Resp: 14725
Ion Ratio Lower Upper
75 100
110 9.8 18.6 55.8#
77 0.0 25.3 37.9#

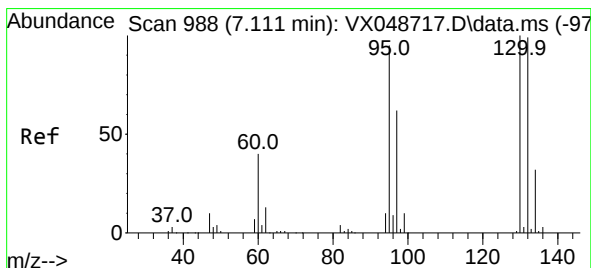
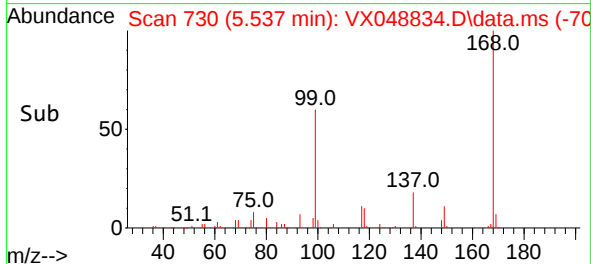
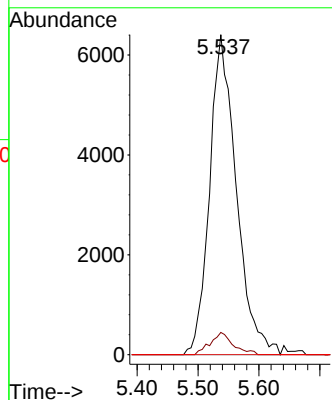
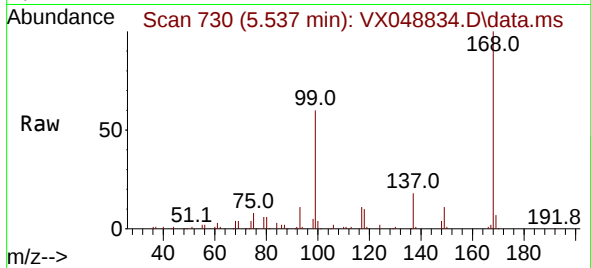




#38
Carbon Tetrachloride
Concen: 5.695 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX048834.D
Acq: 11 Dec 2025 18:02

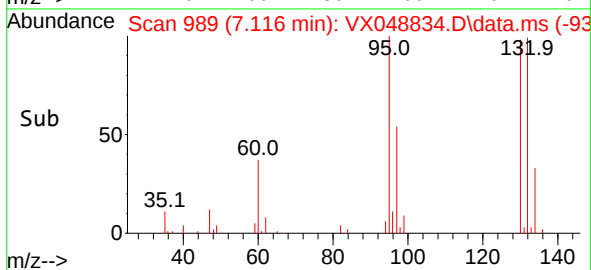
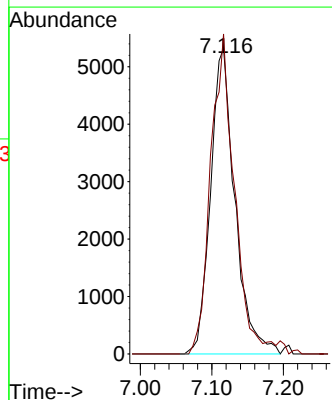
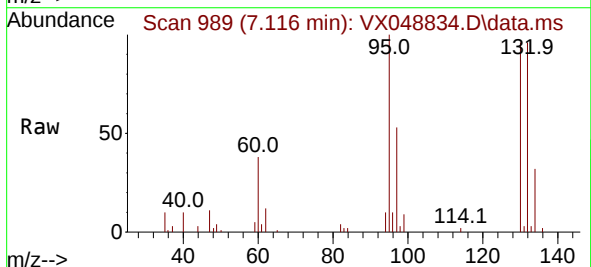
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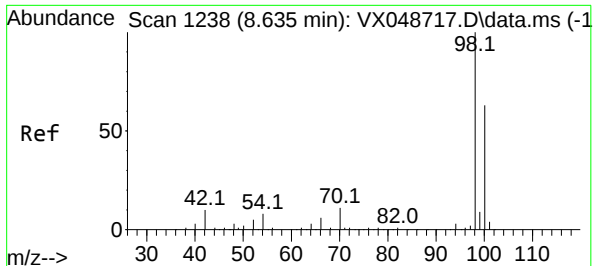
Tgt Ion:117 Resp: 19533
Ion Ratio Lower Upper
117 100
119 7.0 80.5 120.7#
121 0.0 25.4 38.0#



#44
Trichloroethene
Concen: 5.385 ug/l
RT: 7.116 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX048834.D
Acq: 11 Dec 2025 18:02

Tgt Ion:130 Resp: 12613
Ion Ratio Lower Upper
130 100
95 104.6 0.0 189.6

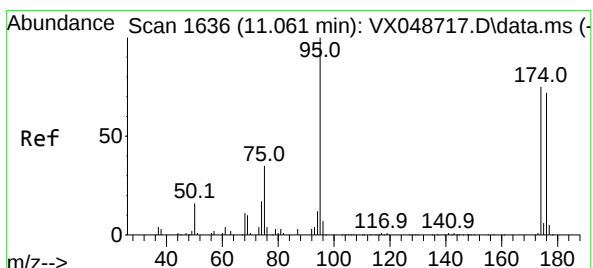
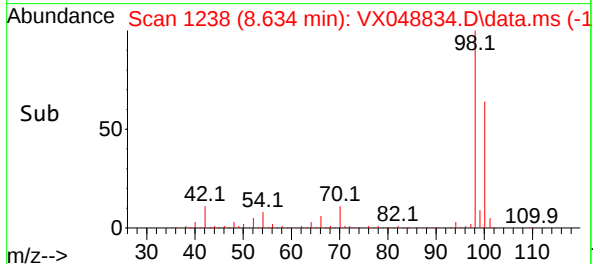
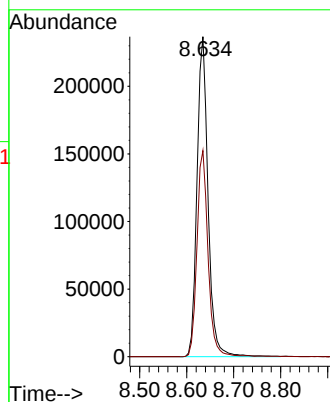
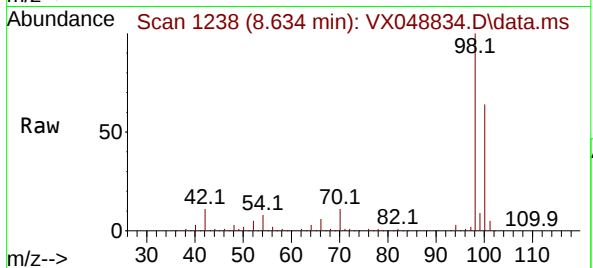




#50
Toluene-d8
Concen: 50.131 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048834.D
Acq: 11 Dec 2025 18:02

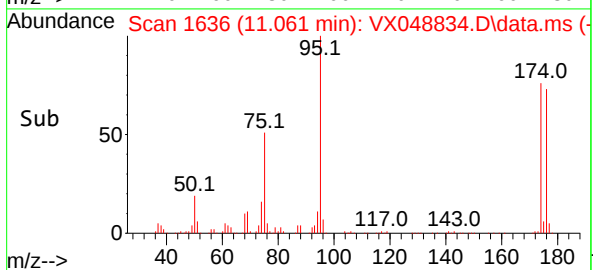
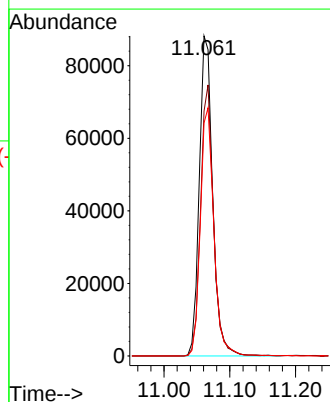
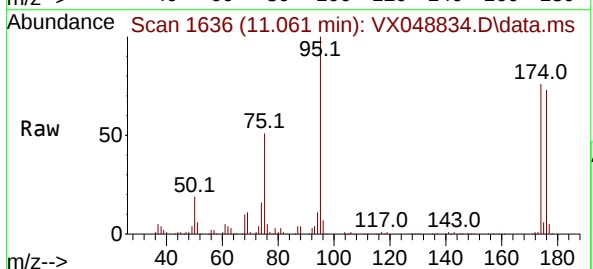
Instrument :
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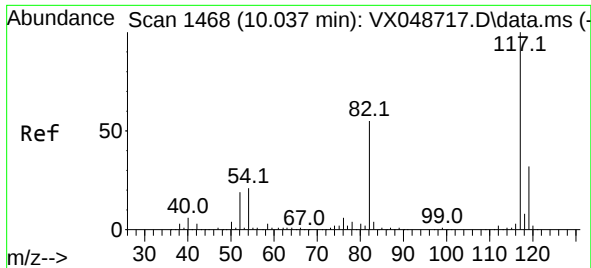
Tgt Ion: 98 Resp: 388530
Ion Ratio Lower Upper
98 100
100 64.4 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 46.698 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048834.D
Acq: 11 Dec 2025 18:02

Tgt Ion: 95 Resp: 124801
Ion Ratio Lower Upper
95 100
174 82.0 0.0 157.8
176 78.3 0.0 154.0

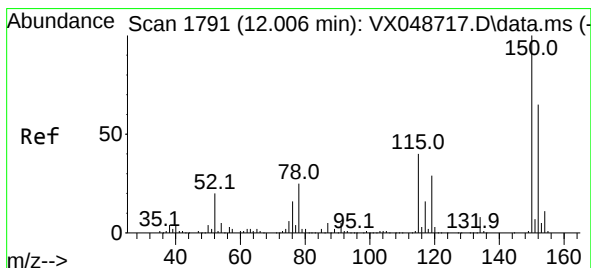
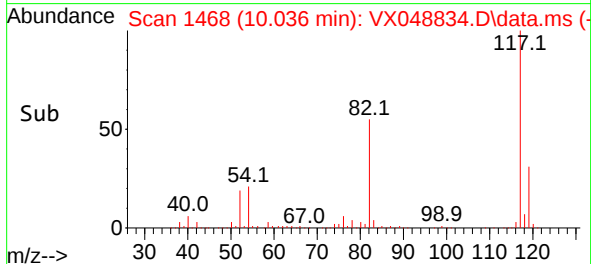
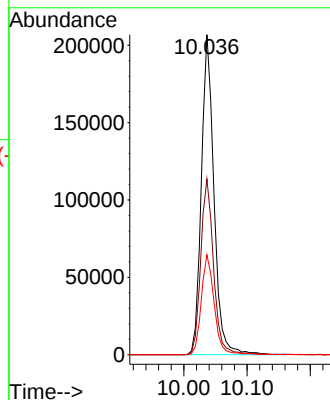
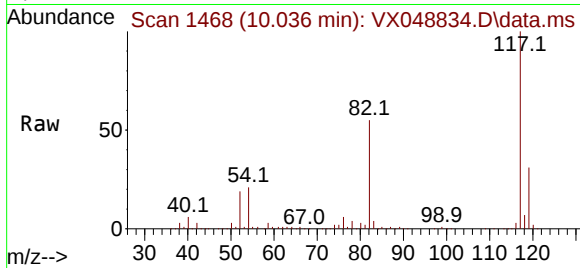




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048834.D
Acq: 11 Dec 2025 18:02

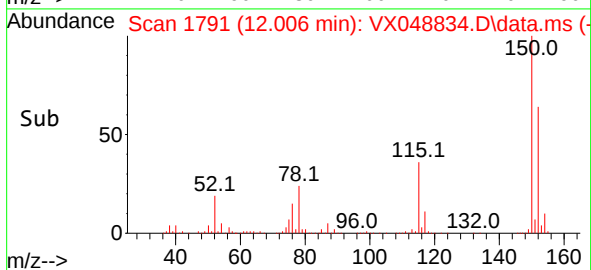
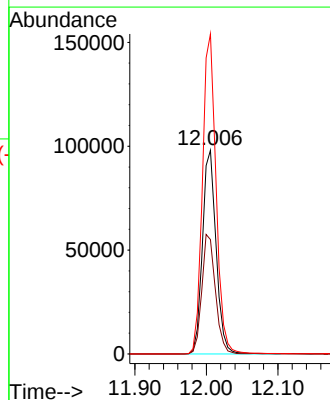
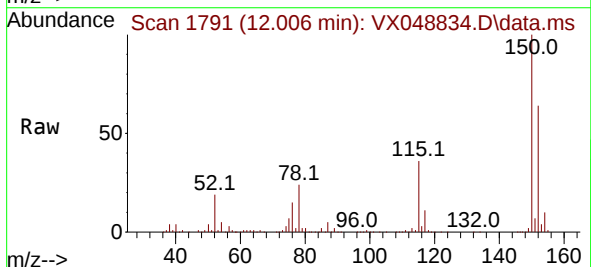
Instrument :
MSVOA_X
ClientSampleId :
BR-02-133-120925

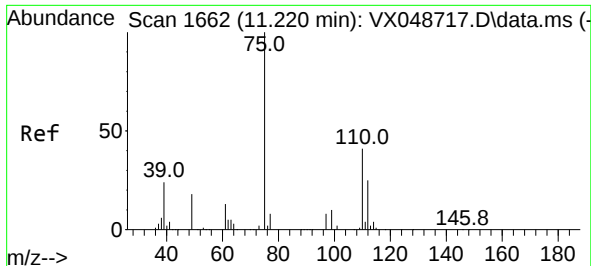
Tgt Ion:117 Resp: 287581
Ion Ratio Lower Upper
117 100
82 54.9 44.1 66.1
119 31.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048834.D
Acq: 11 Dec 2025 18:02

Tgt Ion:152 Resp: 130094
Ion Ratio Lower Upper
152 100
115 58.5 42.1 126.4
150 156.7 0.0 347.8

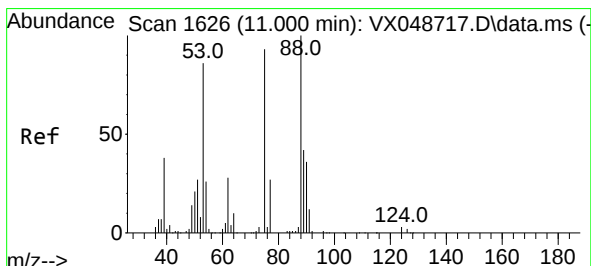
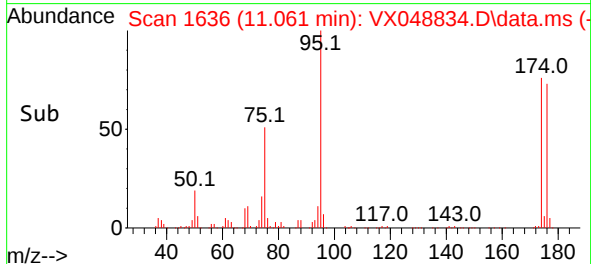
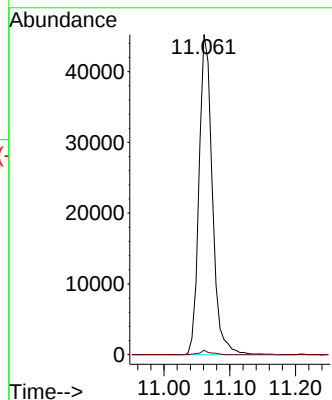
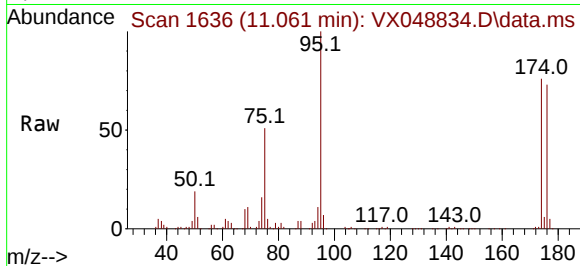




#76
1,2,3-Trichloropropane
Concen: 26.235 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048834.D
Acq: 11 Dec 2025 18:02

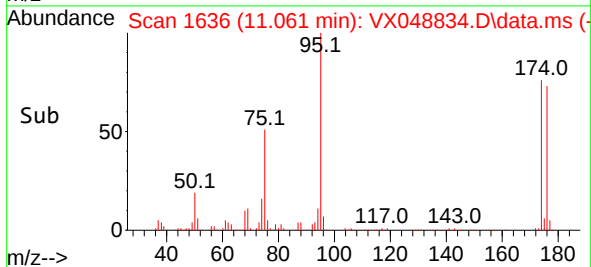
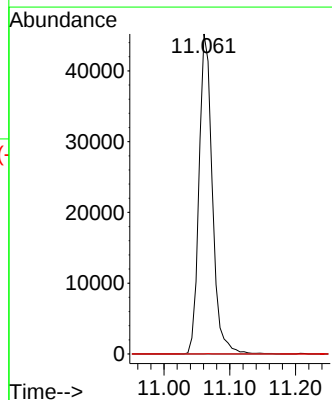
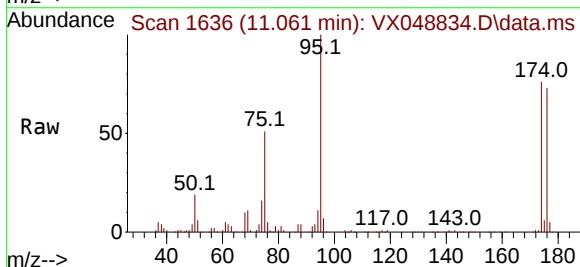
Instrument :
MSVOA_X
ClientSampleId :
BR-02-133-120925

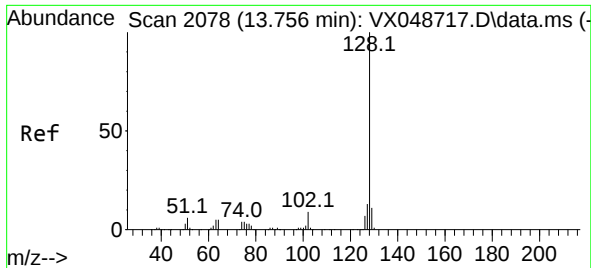
Tgt Ion: 75 Resp: 63569
Ion Ratio Lower Upper
75 100
77 1.1 24.3 73.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.319 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048834.D
Acq: 11 Dec 2025 18:02

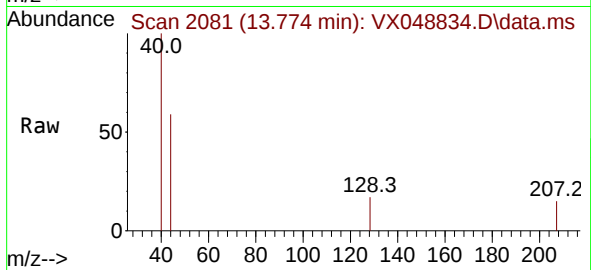
Tgt Ion: 75 Resp: 63569
Ion Ratio Lower Upper
75 100
53 0.0 79.9 119.9#
89 0.0 67.1 100.7#





#95
Naphthalene
Concen: Below Cal
RT: 13.774 min Scan# 20
Delta R.T. 0.018 min
Lab File: VX048834.D
Acq: 11 Dec 2025 18:02

Instrument :
MSVOA_X
ClientSampleId :
BR-02-133-120925



Tgt Ion:128 Resp: 55
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

