

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092225\
 Data File : VX047713.D
 Acq On : 22 Sep 2025 18:16
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Sep 23 01:40:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

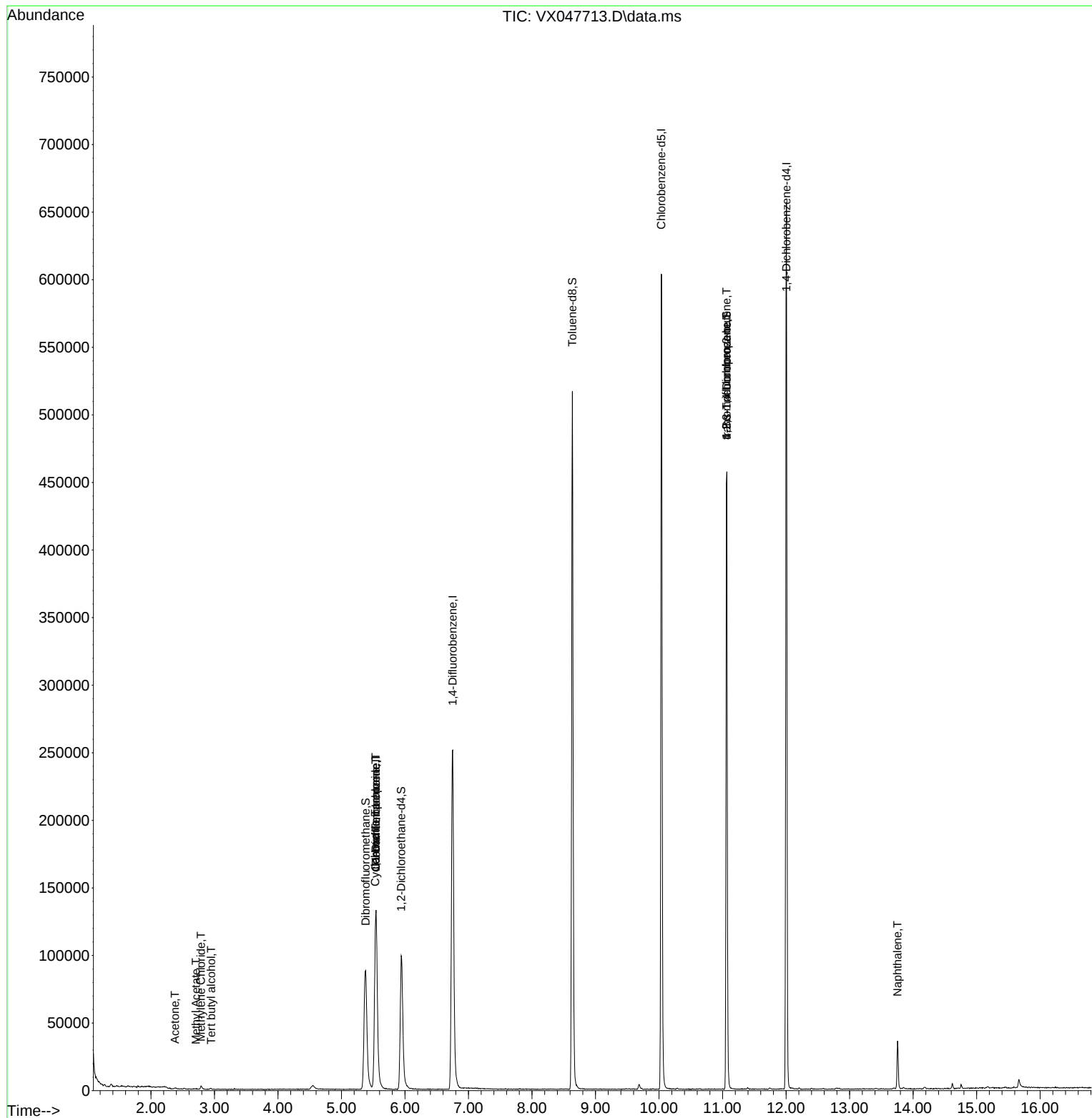
Internal Standards						
1) Pentafluorobenzene	5.544	168	133571	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	279285	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	275619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	136221	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	107684	50.648	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.300%
35) Dibromofluoromethane	5.379	113	89270	47.661	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.320%
50) Toluene-d8	8.635	98	317630	49.009	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.020%
62) 4-Bromofluorobenzene	11.061	95	134305	54.602	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.200%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	79	0.334	ug/l #	72
16) Acetone	2.380	43	1231	1.332	ug/l #	61
18) Methyl Acetate	2.709	43	781	0.380	ug/l #	54
20) Methylene Chloride	2.788	84	1133	0.579	ug/l #	82
31) Cyclohexane	5.532	56	3163	1.126	ug/l #	17
36) 1,1-Dichloropropene	5.538	75	11690	4.271	ug/l #	52
38) Carbon Tetrachloride	5.538	117	14482	4.870	ug/l #	17
76) 1,2,3-Trichloropropane	11.061	75	69252	25.109	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.061	75	69252	64.032	ug/l #	8
95) Naphthalene	13.756	128	23113	2.587	ug/l	99

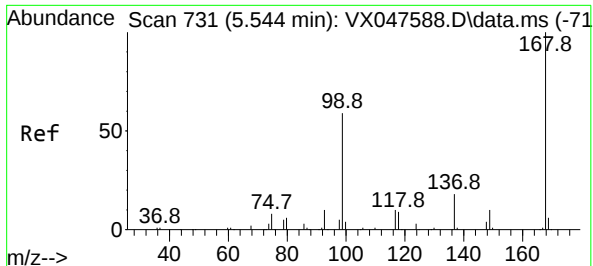
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092225\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

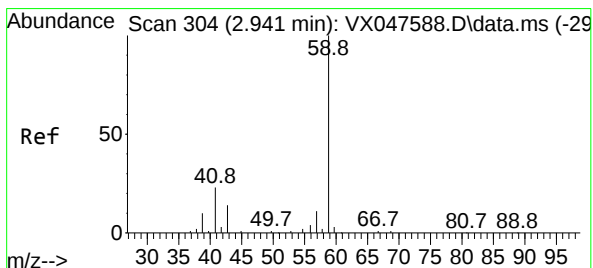
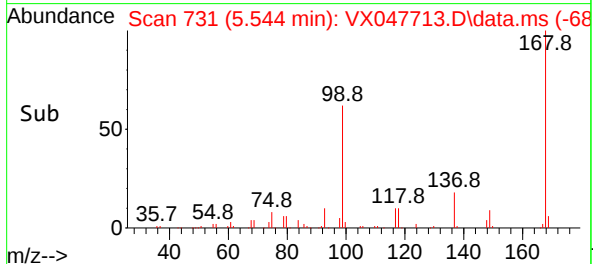
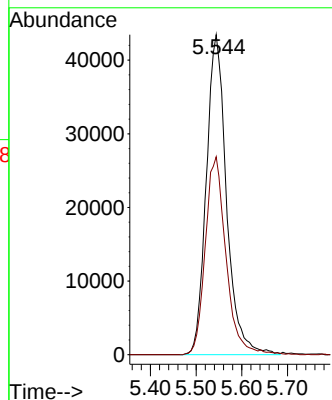
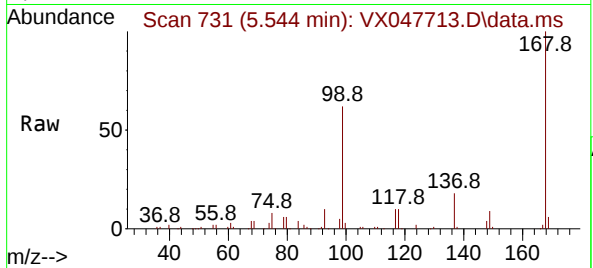




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047713.D
Acq: 22 Sep 2025 18:16

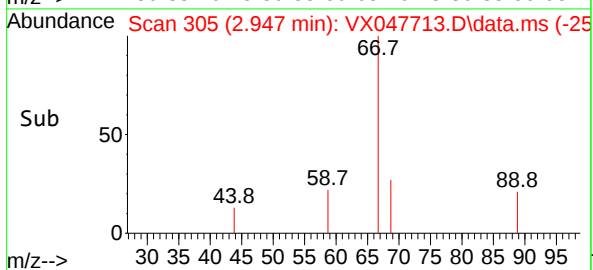
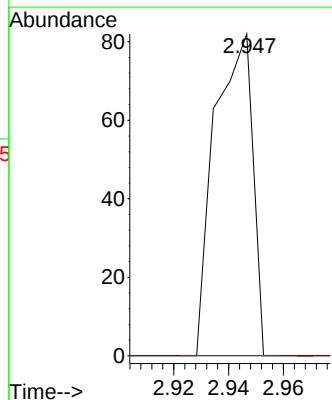
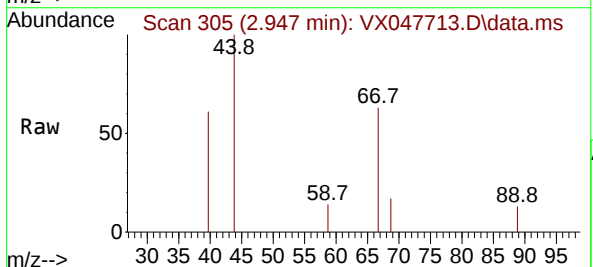
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 133571
Ion Ratio Lower Upper
168 100
99 61.8 48.8 73.2



#11
Tert butyl alcohol
Concen: 0.334 ug/l
RT: 2.947 min Scan# 305
Delta R.T. 0.006 min
Lab File: VX047713.D
Acq: 22 Sep 2025 18:16

Tgt Ion: 59 Resp: 79
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

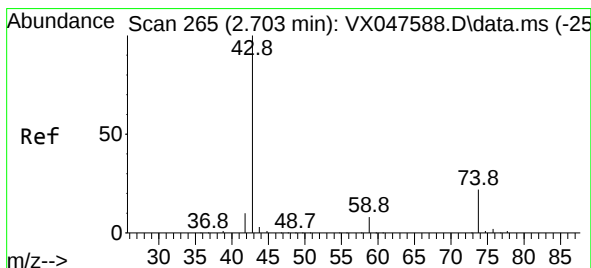
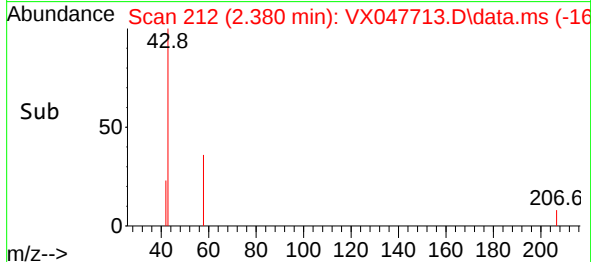
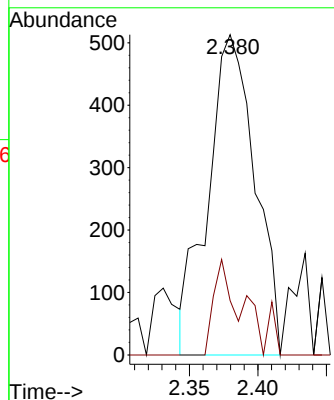
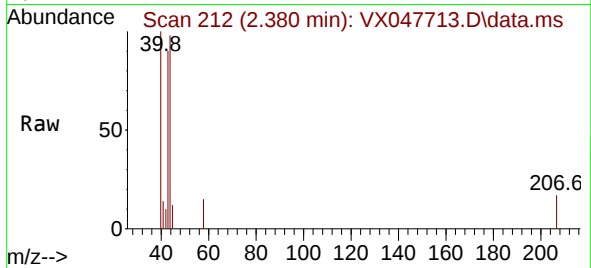




#16
Acetone
Concen: 1.332 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX047713.D
Acq: 22 Sep 2025 18:16

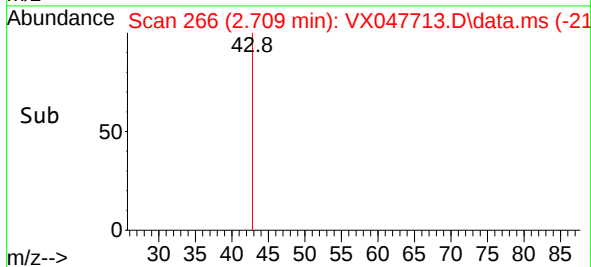
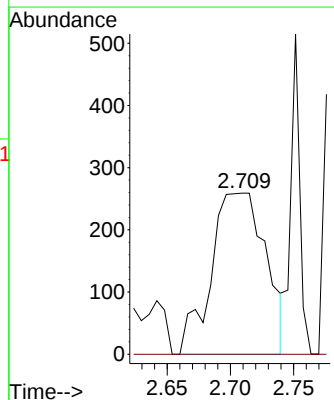
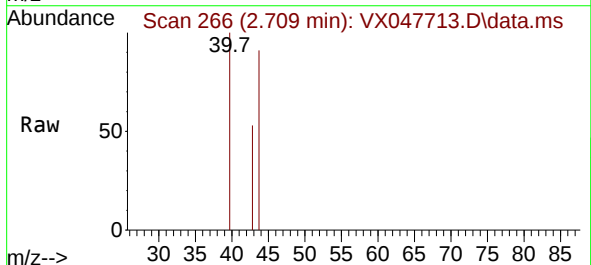
Instrument :
MSVOA_X
ClientSampleId :
IBLK

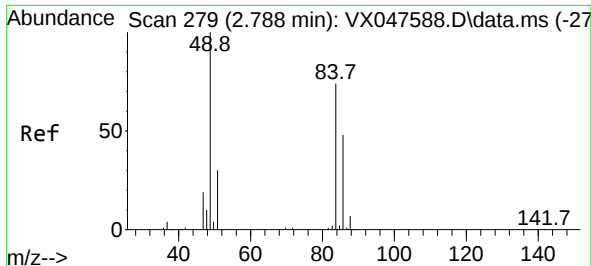
Tgt Ion: 43 Resp: 1231
Ion Ratio Lower Upper
43 100
58 8.1 23.4 35.0#



#18
Methyl Acetate
Concen: 0.380 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX047713.D
Acq: 22 Sep 2025 18:16

Tgt Ion: 43 Resp: 781
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.2#

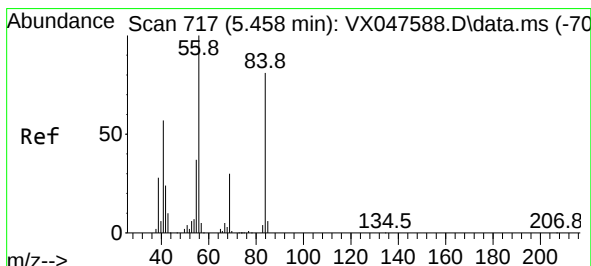
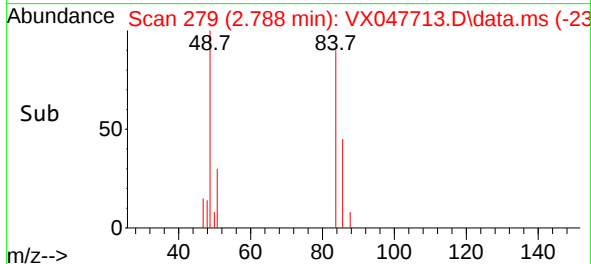
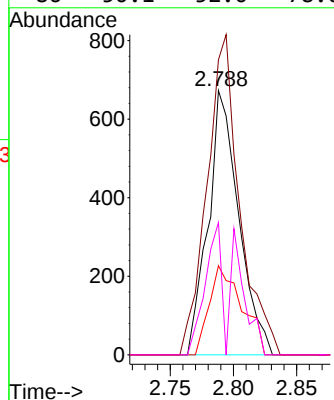
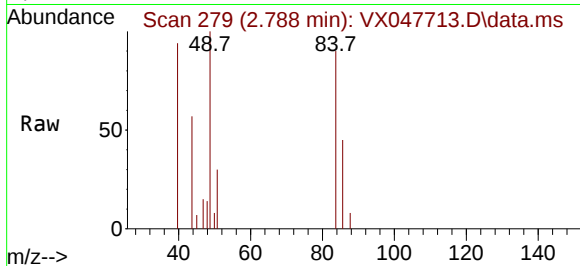




#20
Methylene Chloride
Concen: 0.579 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX047713.D
Acq: 22 Sep 2025 18:16

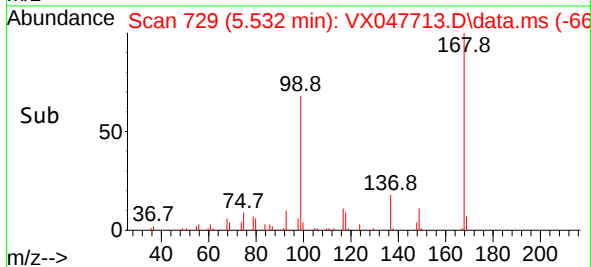
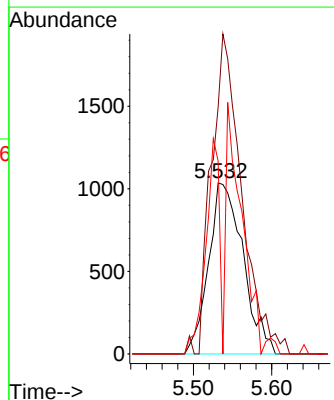
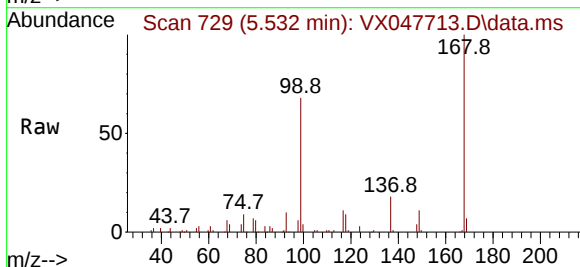
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:	84	Resp:	1133
Ion	Ratio	Lower	Upper
84	100		
49	111.6	108.6	162.8
51	33.7	32.6	48.8
86	50.1	52.0	78.0#



#31
Cyclohexane
Concen: 1.126 ug/l
RT: 5.532 min Scan# 729
Delta R.T. 0.073 min
Lab File: VX047713.D
Acq: 22 Sep 2025 18:16

Tgt Ion:	56	Resp:	3163
Ion	Ratio	Lower	Upper
56	100		
69	144.1	23.8	35.8#
84	112.7	64.6	97.0#





#33

1,2-Dichloroethane-d4

Concen: 50.648 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX047713.D

Acq: 22 Sep 2025 18:16

Instrument :

MSVOA_X

ClientSampleId :

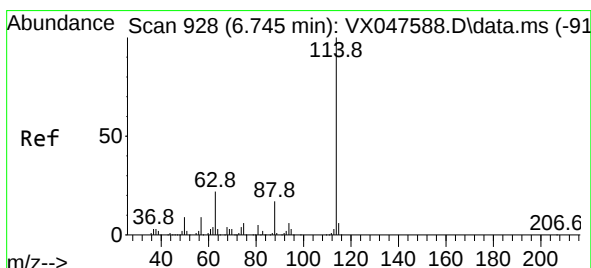
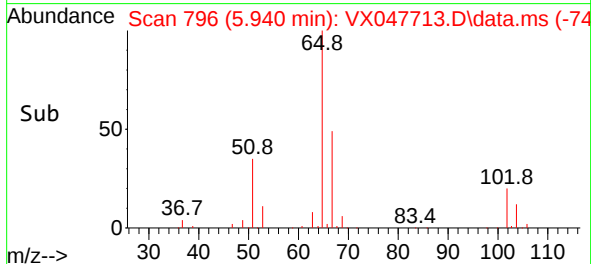
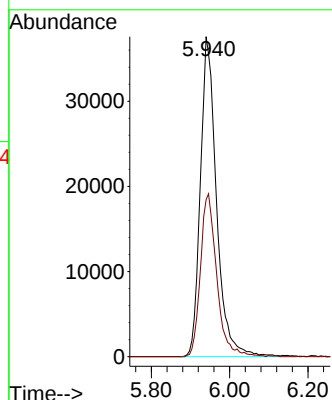
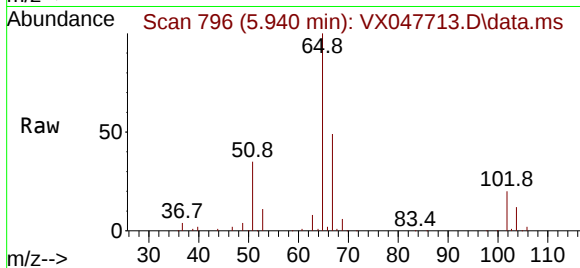
IBLK

Tgt Ion: 65 Resp: 107684

Ion Ratio Lower Upper

65 100

67 51.4 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX047713.D

Acq: 22 Sep 2025 18:16

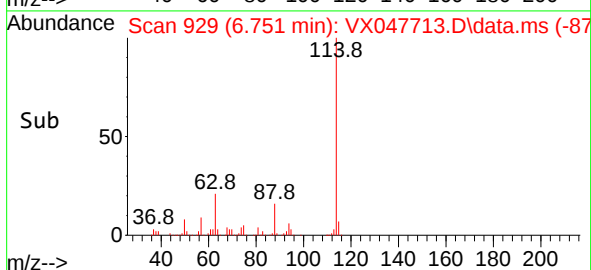
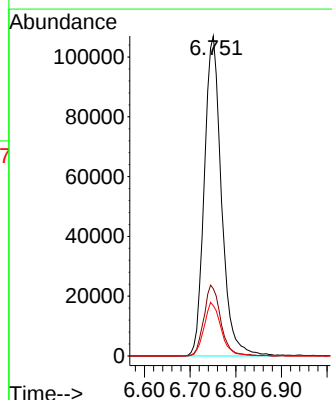
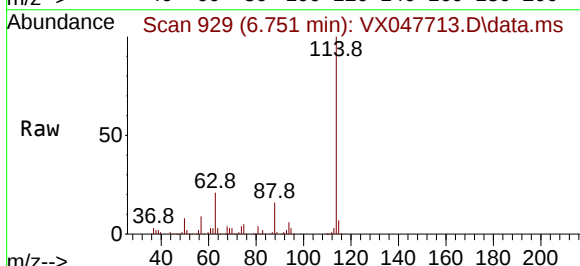
Tgt Ion: 114 Resp: 279285

Ion Ratio Lower Upper

114 100

63 21.0 0.0 44.0

88 15.7 0.0 34.2

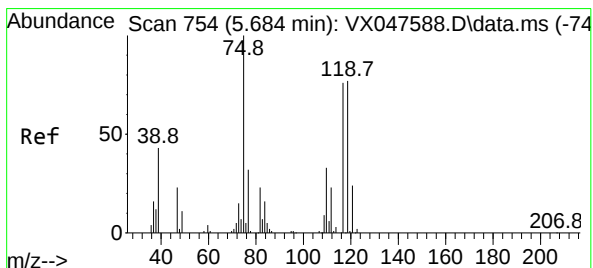
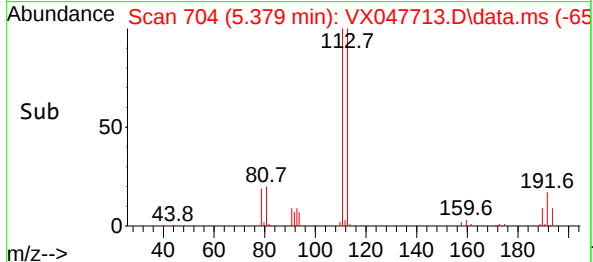
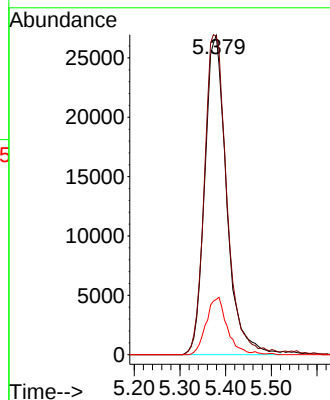
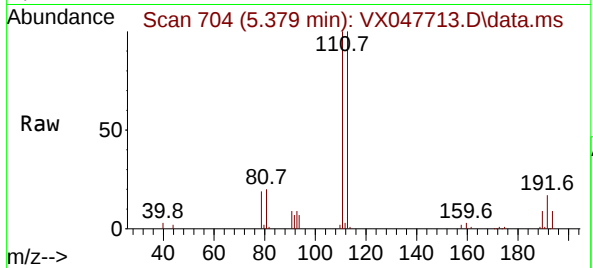




#35
Dibromofluoromethane
Concen: 47.661 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX047713.D
Acq: 22 Sep 2025 18:16

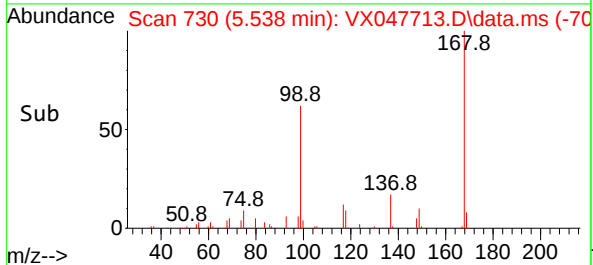
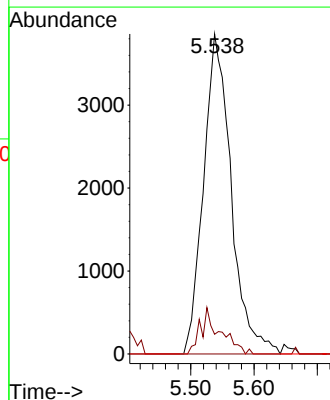
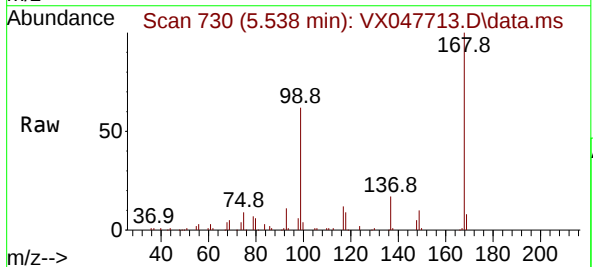
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:113 Resp: 89270
Ion Ratio Lower Upper
113 100
111 102.9 80.9 121.3
192 17.0 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.271 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.146 min
Lab File: VX047713.D
Acq: 22 Sep 2025 18:16

Tgt Ion: 75 Resp: 11690
Ion Ratio Lower Upper
75 100
110 10.4 16.7 50.1#
77 0.0 24.3 36.5#

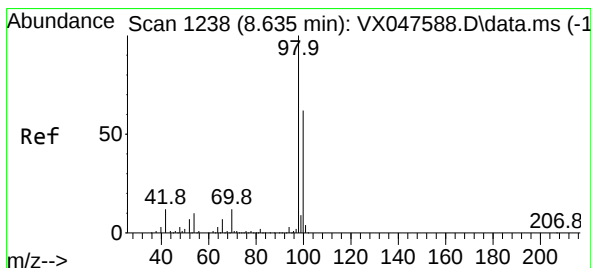
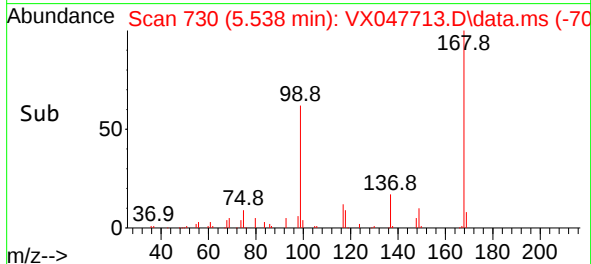
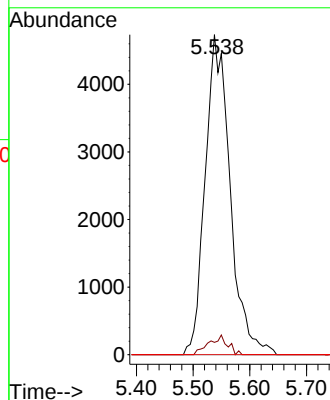
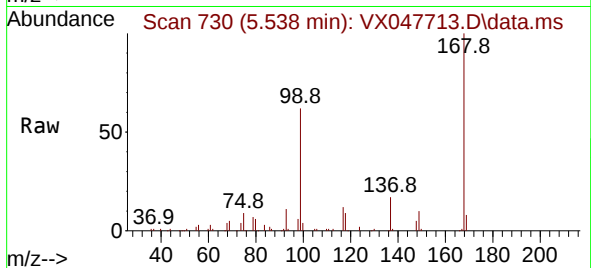




#38
Carbon Tetrachloride
Concen: 4.870 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX047713.D
Acq: 22 Sep 2025 18:16

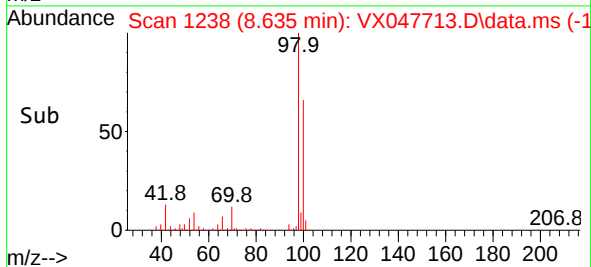
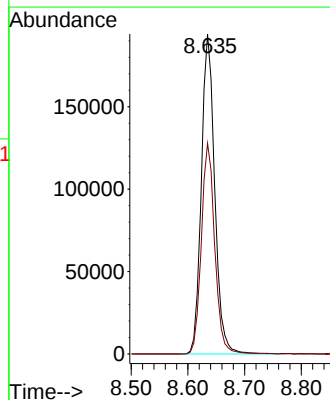
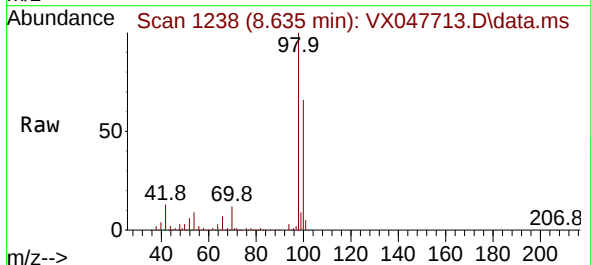
Instrument :
MSVOA_X
ClientSampleId :
IBLK

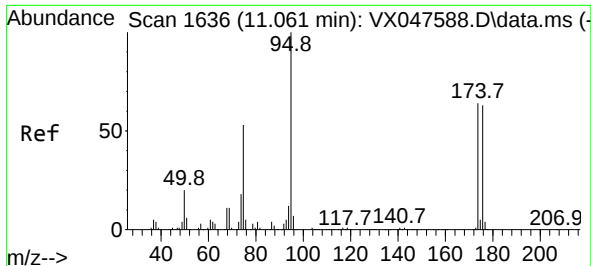
Tgt Ion:117 Resp: 14482
Ion Ratio Lower Upper
117 100
119 3.9 73.4 110.2#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 49.009 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047713.D
Acq: 22 Sep 2025 18:16

Tgt Ion: 98 Resp: 317630
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.4

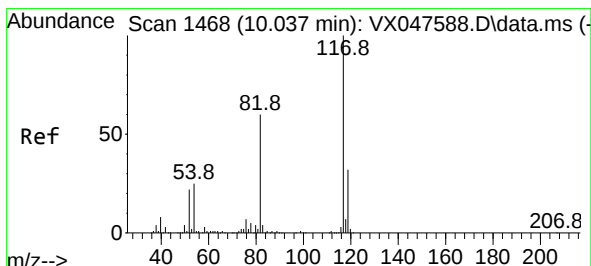
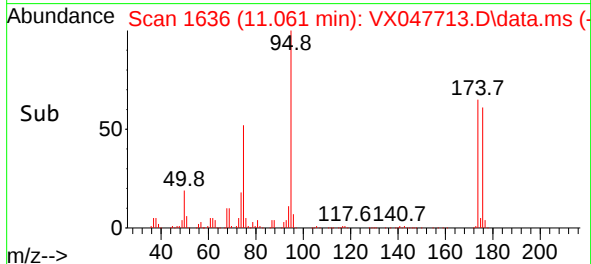
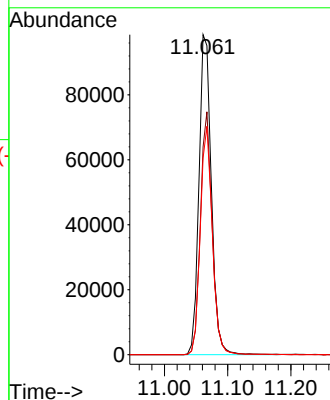
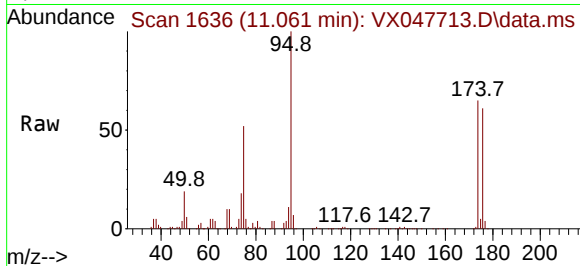




#62
4-Bromofluorobenzene
Concen: 54.602 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047713.D
Acq: 22 Sep 2025 18:16

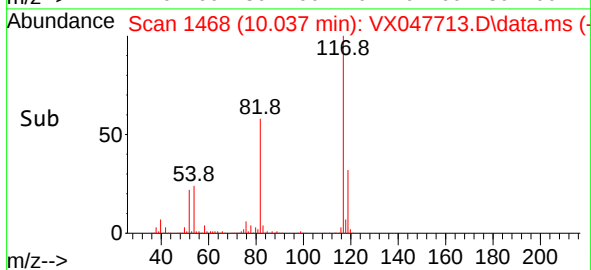
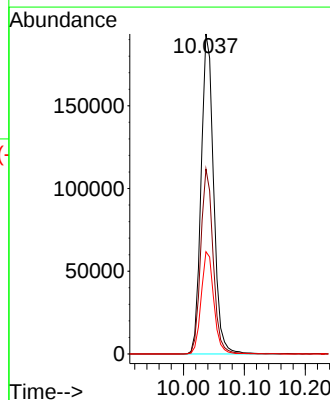
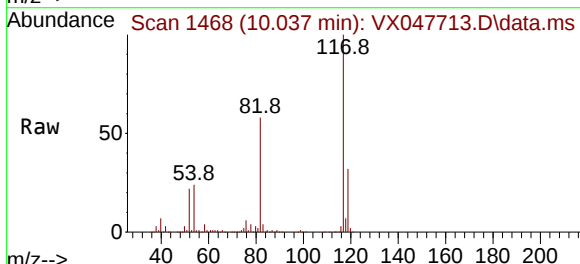
Instrument :
MSVOA_X
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IBLK

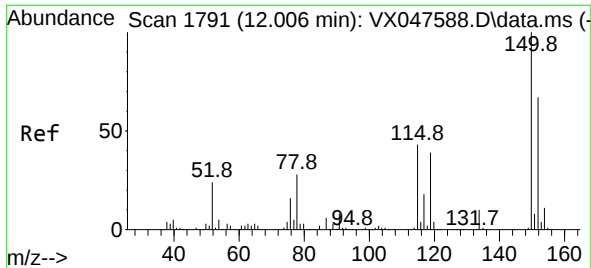
Tgt Ion: 95 Resp: 134305
Ion Ratio Lower Upper
95 100
174 72.4 0.0 141.6
176 69.6 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047713.D
Acq: 22 Sep 2025 18:16

Tgt Ion: 117 Resp: 275619
Ion Ratio Lower Upper
117 100
82 57.8 47.8 71.6
119 31.9 25.2 37.8

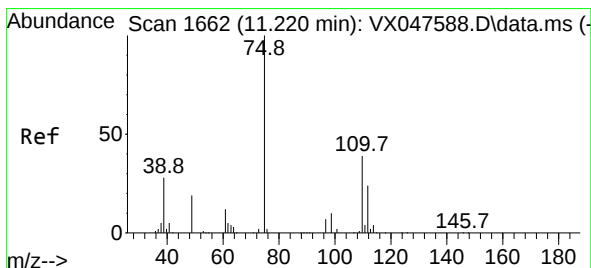
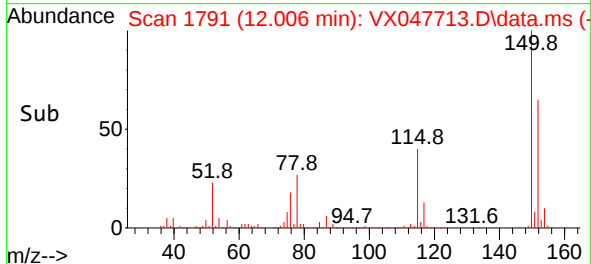
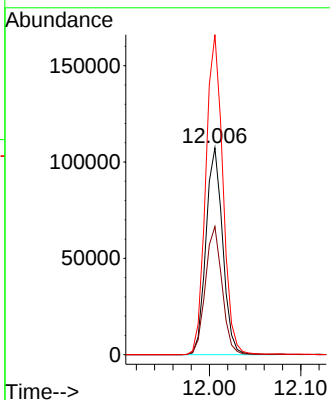
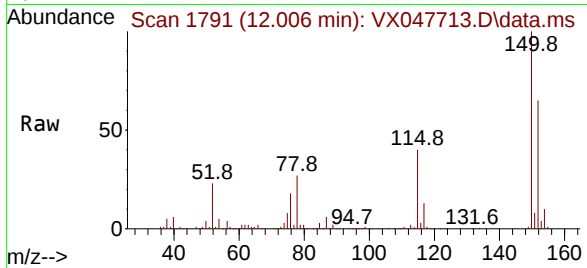




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047713.D
Acq: 22 Sep 2025 18:16

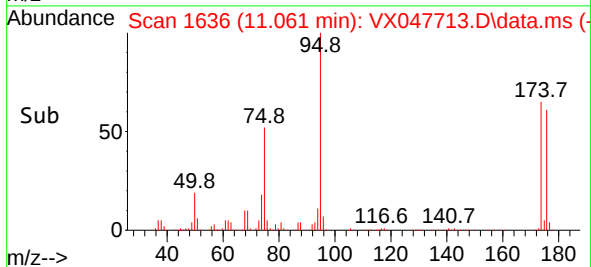
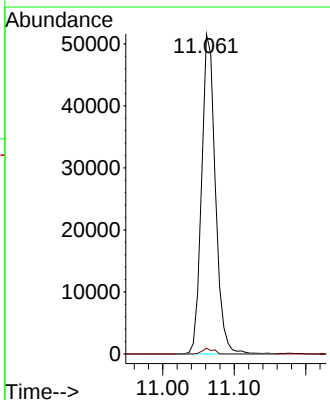
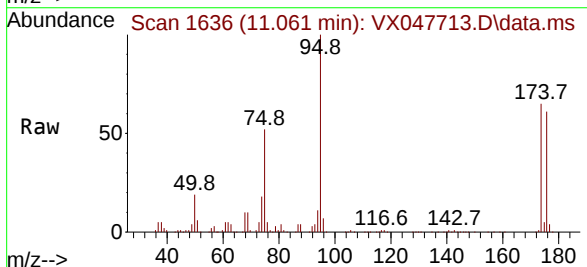
Instrument :
MSVOA_X
ClientSampleId :
IBLK

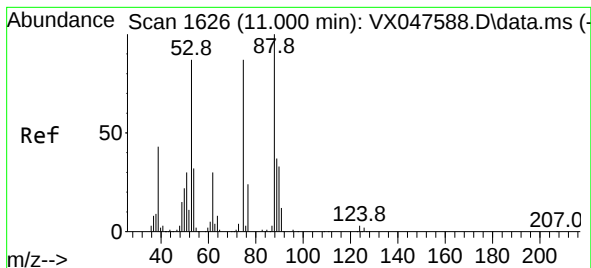
Tgt Ion:152 Resp: 136221
Ion Ratio Lower Upper
152 100
115 62.0 44.9 134.5
150 158.2 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 25.109 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX047713.D
Acq: 22 Sep 2025 18:16

Tgt Ion: 75 Resp: 69252
Ion Ratio Lower Upper
75 100
77 1.4 18.8 56.4#

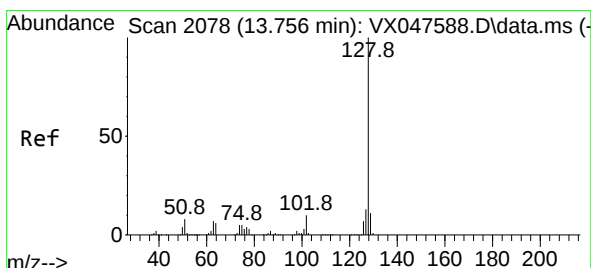
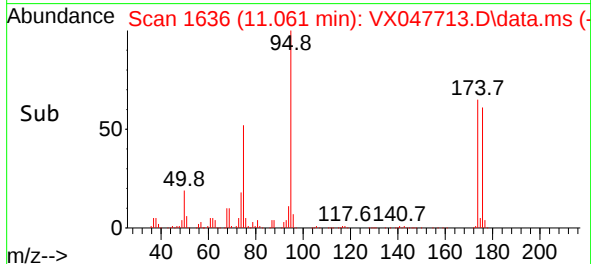
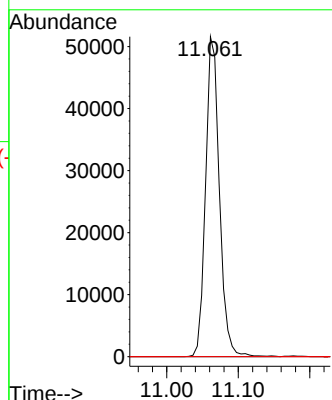
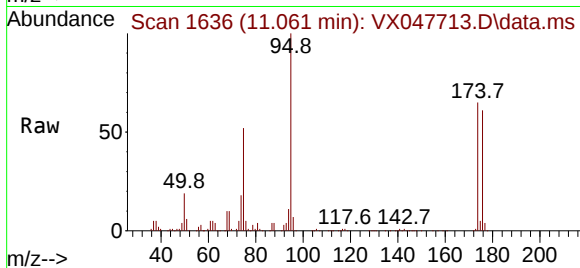




#81
trans-1,4-Dichloro-2-butene
Concen: 64.032 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX047713.D
Acq: 22 Sep 2025 18:16

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 69252
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#



#95
Naphthalene
Concen: 2.587 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX047713.D
Acq: 22 Sep 2025 18:16

Tgt Ion: 128 Resp: 23113
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.5 8.8 13.2

