

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
 Data File : VX046770.D
 Acq On : 19 Jun 2025 14:18
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 20 05:21:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

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

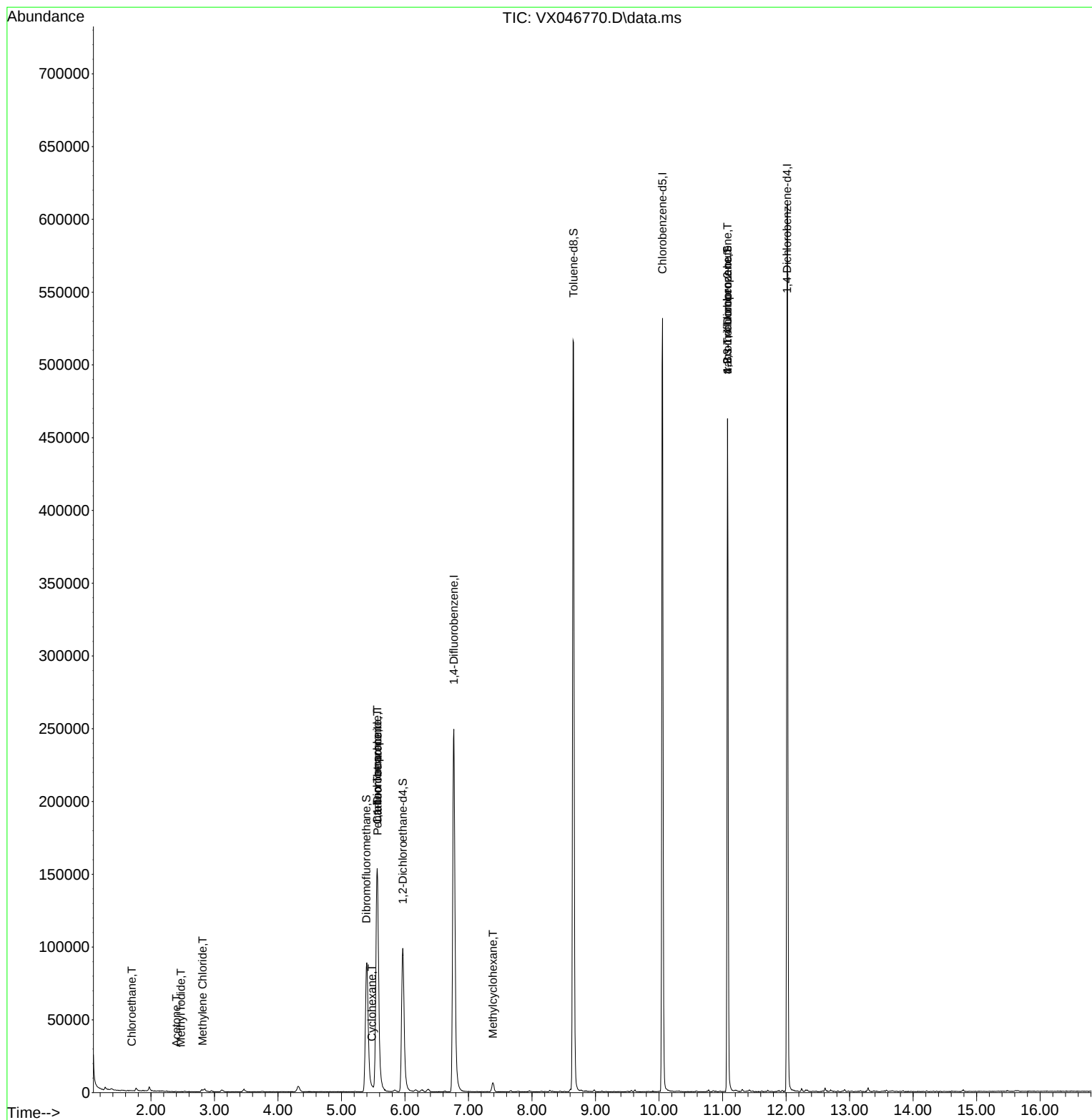
Internal Standards						
1) Pentafluorobenzene	5.568	168	160382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	273204	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	246320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	125308	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	104722	47.207	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.420%
35) Dibromofluoromethane	5.391	113	86140	47.654	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.300%
50) Toluene-d8	8.653	98	325747	50.159	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.320%
62) 4-Bromofluorobenzene	11.079	95	123187	50.886	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.780%
Target Compounds						
					Qvalue	
6) Chloroethane	1.697	64	332	0.278	ug/l #	41
10) Methyl Iodide	2.471	142	72	4.362	ug/l #	38
16) Acetone	2.398	43	211	0.285	ug/l #	44
20) Methylene Chloride	2.813	84	425	0.207	ug/l #	72
31) Cyclohexane	5.477	56	1378	0.415	ug/l #	76
36) 1,1-Dichloropropene	5.562	75	12768	4.893	ug/l #	46
38) Carbon Tetrachloride	5.562	117	16619	5.869	ug/l #	16
39) Methylcyclohexane	7.385	83	2881	0.839	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	63265	27.566	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	63265	77.917	ug/l #	7

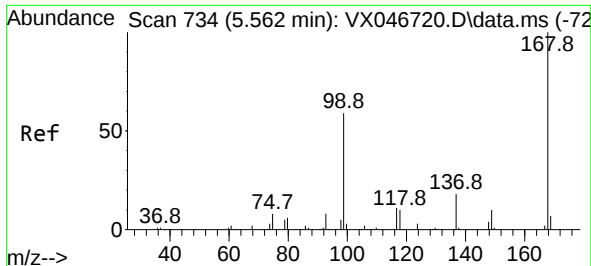
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
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IBLK

Quant Time: Jun 20 05:21:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

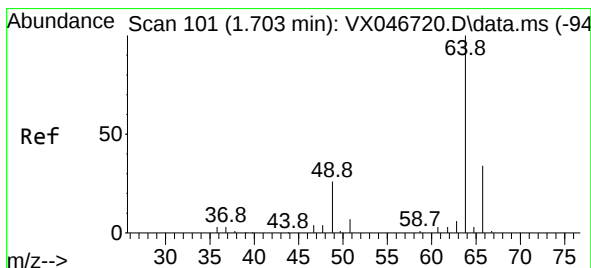
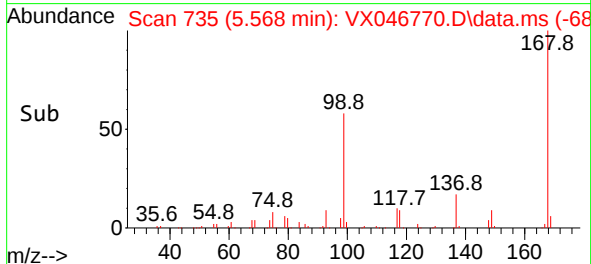
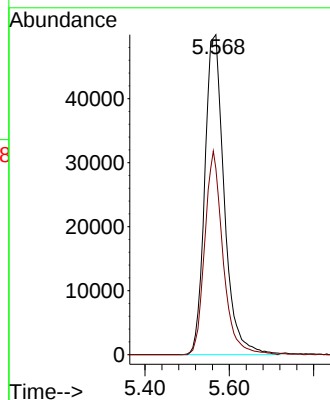
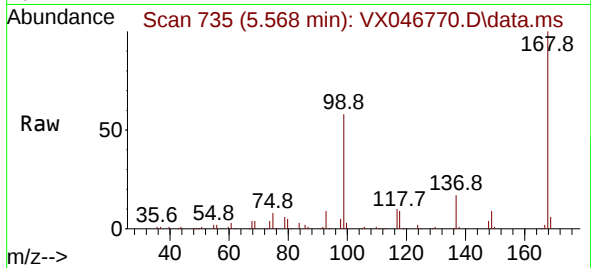




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046770.D
Acq: 19 Jun 2025 14:18

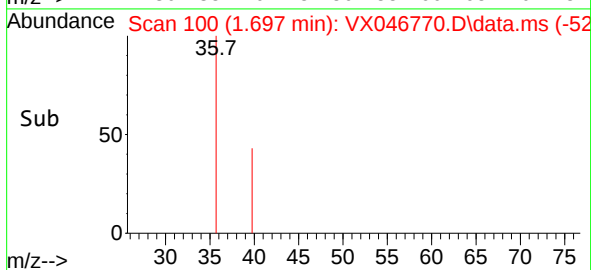
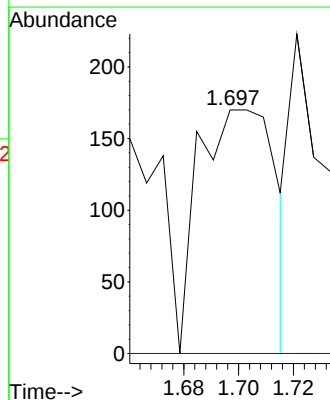
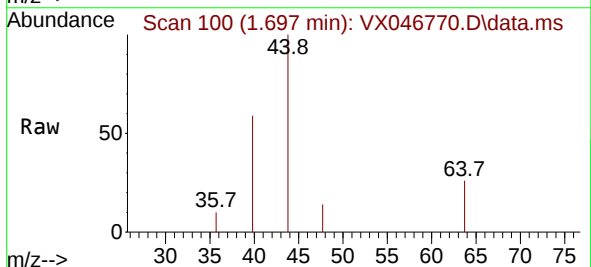
Instrument :
MSVOA_X
ClientSampleId :
IBLK

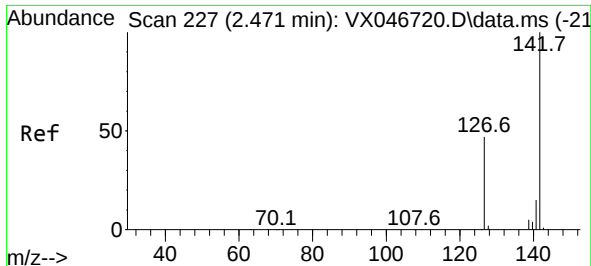
Tgt Ion:168 Resp: 160382
Ion Ratio Lower Upper
168 100
99 58.2 48.5 72.7



#6
Chloroethane
Concen: 0.278 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.006 min
Lab File: VX046770.D
Acq: 19 Jun 2025 14:18

Tgt Ion: 64 Resp: 332
Ion Ratio Lower Upper
64 100
66 0.0 27.1 40.7#

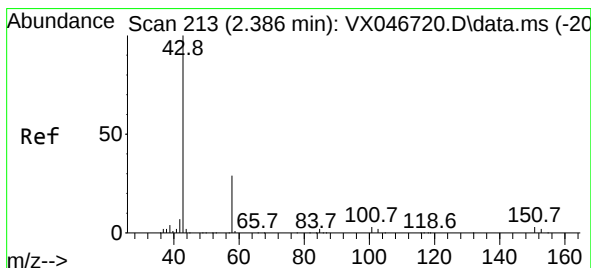
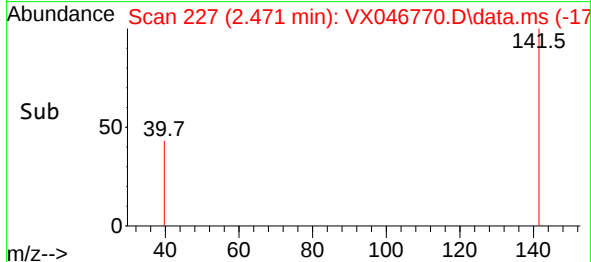
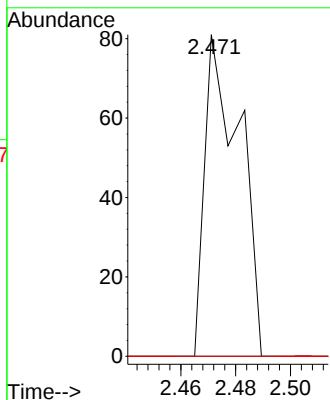
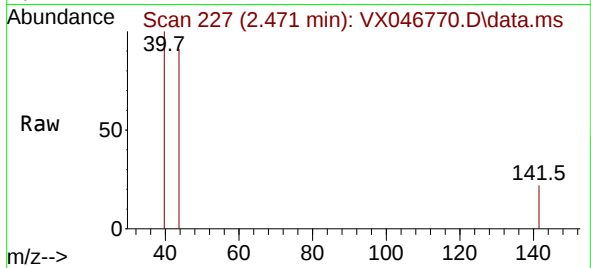




#10
Methyl Iodide
Concen: 4.362 ug/l
RT: 2.471 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046770.D
Acq: 19 Jun 2025 14:18

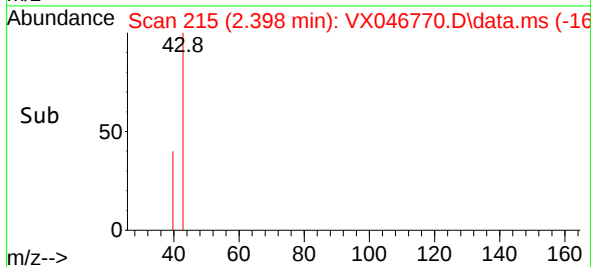
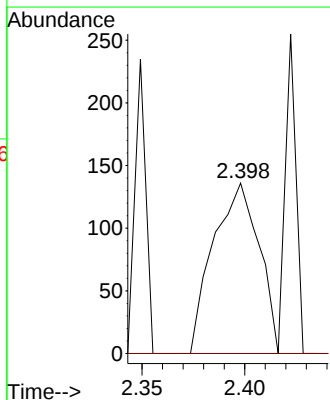
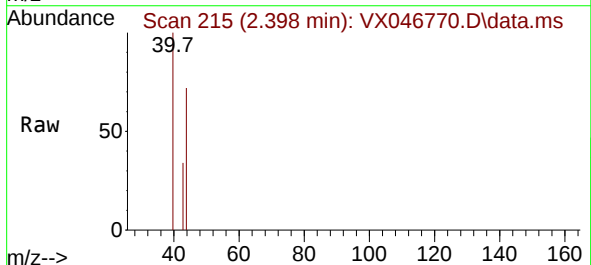
Instrument :
MSVOA_X
ClientSampleId :
IBLK

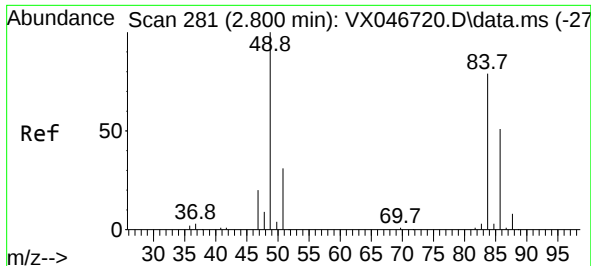
Tgt Ion:142 Resp: 72
Ion Ratio Lower Upper
142 100
127 0.0 37.0 55.6#
141 0.0 11.5 17.3#



#16
Acetone
Concen: 0.285 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX046770.D
Acq: 19 Jun 2025 14:18

Tgt Ion: 43 Resp: 211
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#

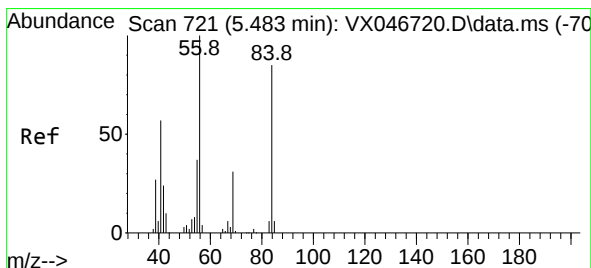
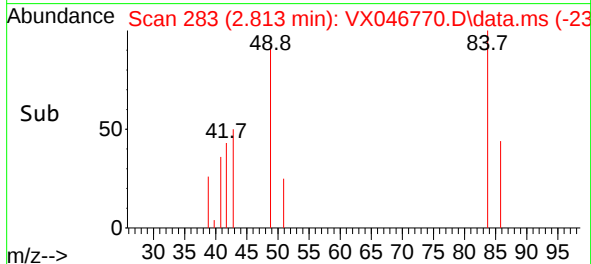
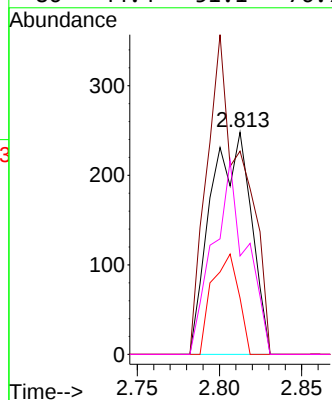
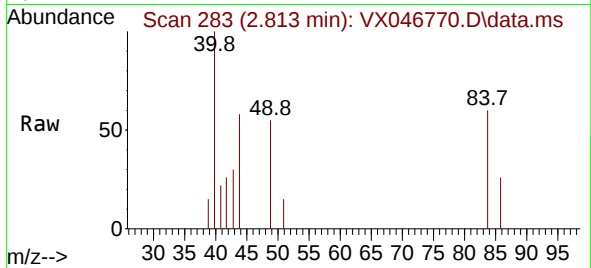




#20
Methylene Chloride
Concen: 0.207 ug/l
RT: 2.813 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX046770.D
Acq: 19 Jun 2025 14:18

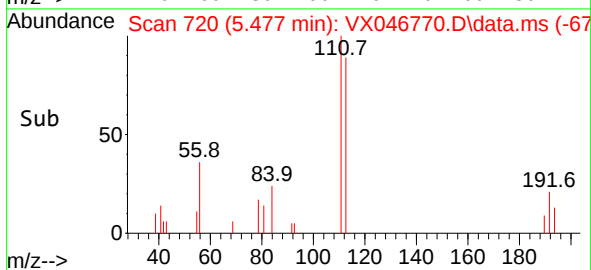
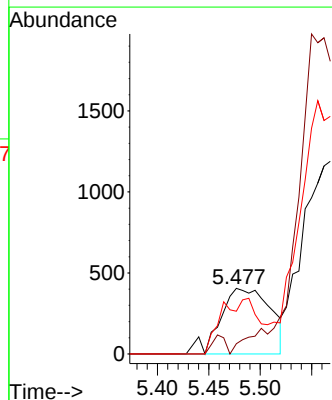
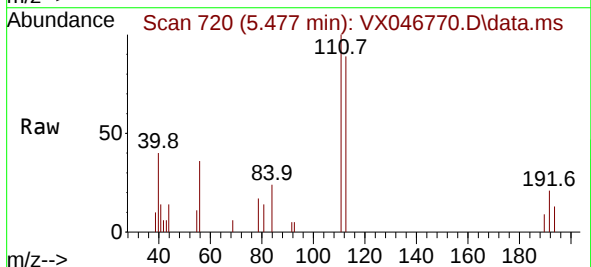
Instrument :
MSVOA_X
ClientSampleId :
IBLK

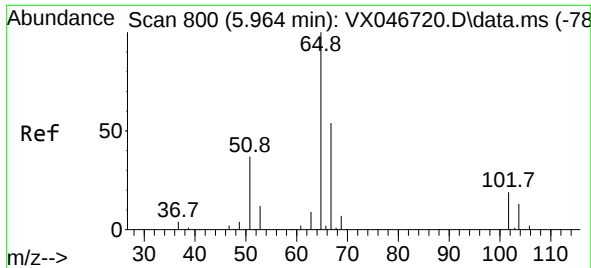
Tgt Ion:	84	Resp:	425
Ion	Ratio	Lower	Upper
84	100		
49	91.5	101.3	151.9#
51	25.4	31.0	46.6#
86	44.4	51.1	76.7#



#31
Cyclohexane
Concen: 0.415 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.006 min
Lab File: VX046770.D
Acq: 19 Jun 2025 14:18

Tgt Ion:	56	Resp:	1378
Ion	Ratio	Lower	Upper
56	100		
69	15.6	24.8	37.2#
84	65.2	68.2	102.2#

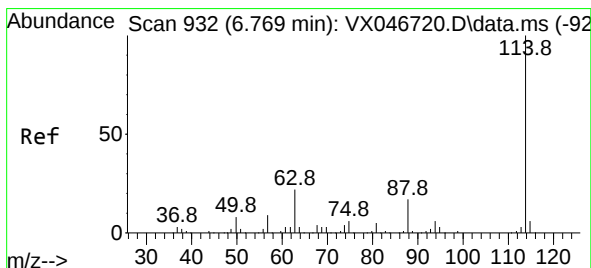
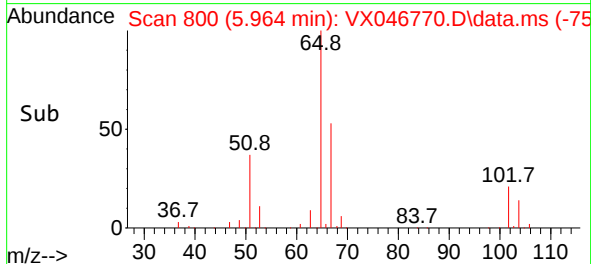
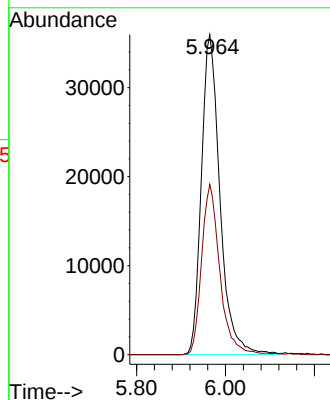
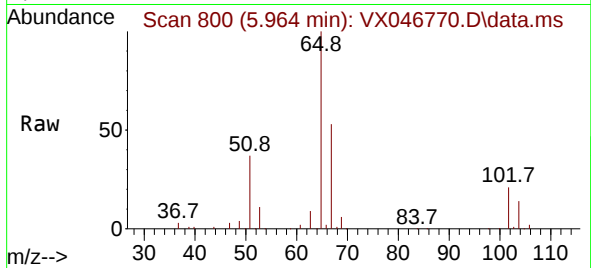




#33
 1,2-Dichloroethane-d4
 Concen: 47.207 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.000 min
 Lab File: VX046770.D
 Acq: 19 Jun 2025 14:18

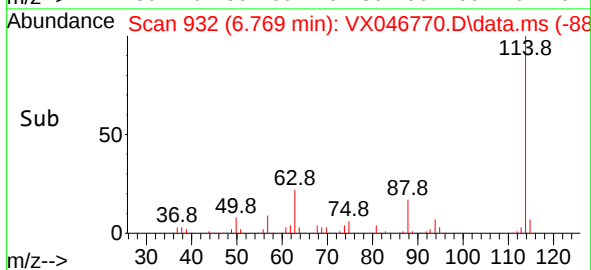
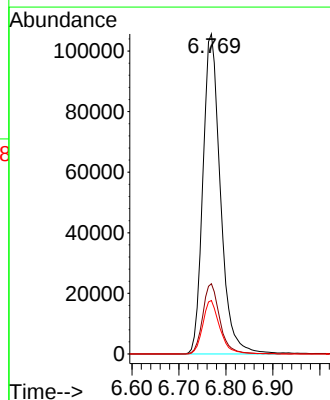
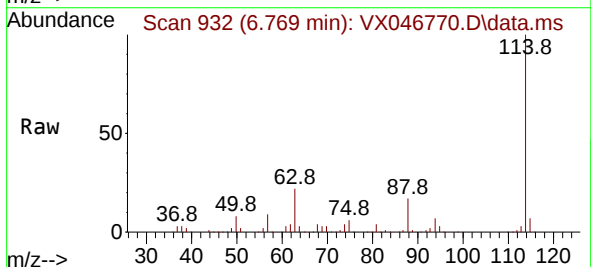
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

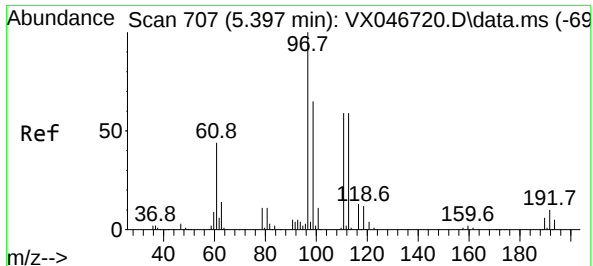
Tgt Ion: 65 Resp: 104722
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX046770.D
 Acq: 19 Jun 2025 14:18

Tgt Ion: 114 Resp: 273204
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 44.2
 88 16.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.654 ug/l

RT: 5.391 min Scan# 707

Delta R.T. -0.006 min

Lab File: VX046770.D

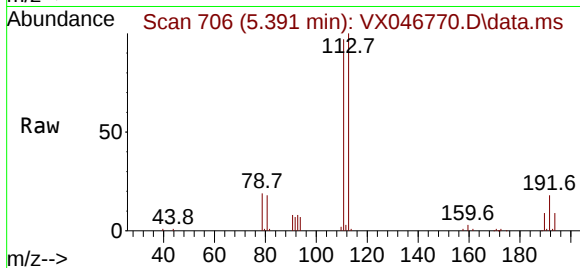
Acq: 19 Jun 2025 14:18

Instrument :

MSVOA_X

ClientSampleId :

IBLK



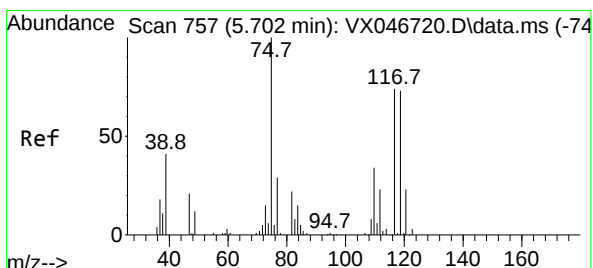
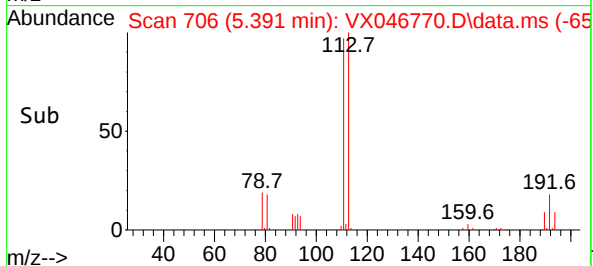
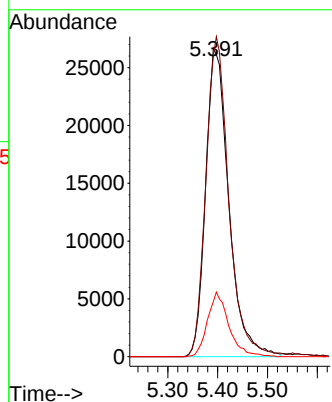
Tgt Ion:113 Resp: 86140

Ion Ratio Lower Upper

113 100

111 102.4 82.0 123.0

192 19.3 15.3 22.9



#36

1,1-Dichloropropene

Concen: 4.893 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX046770.D

Acq: 19 Jun 2025 14:18

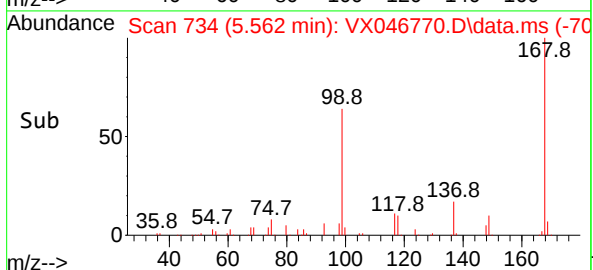
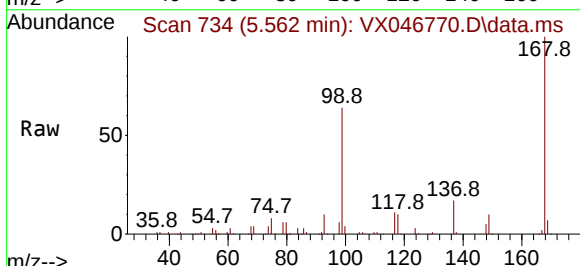
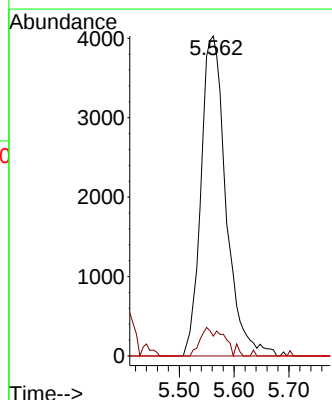
Tgt Ion: 75 Resp: 12768

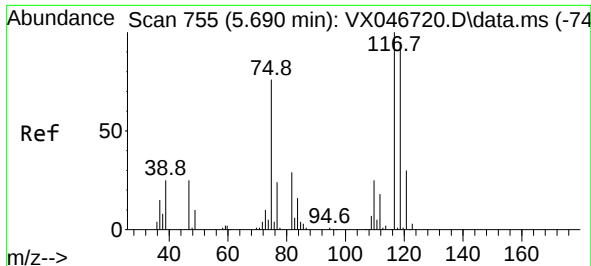
Ion Ratio Lower Upper

75 100

110 4.6 17.2 51.5#

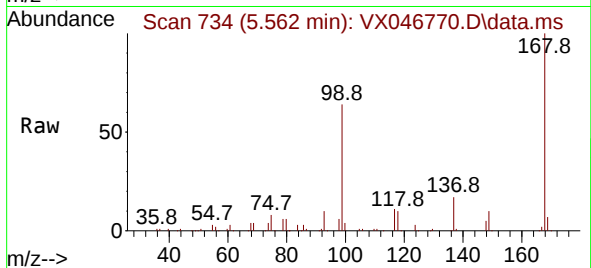
77 0.0 24.2 36.4#



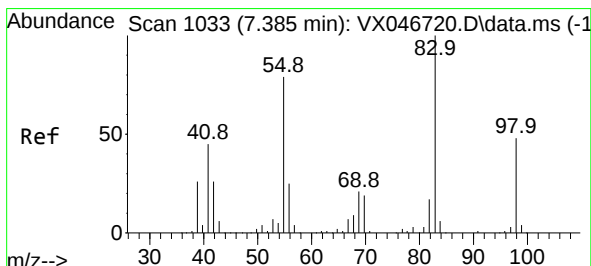
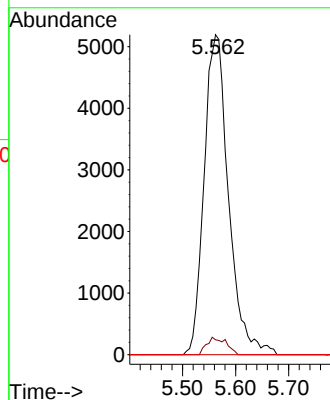
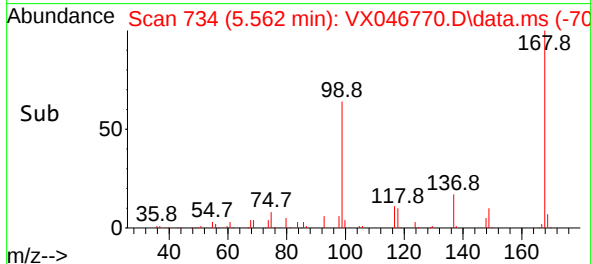


#38
Carbon Tetrachloride
Concen: 5.869 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046770.D
Acq: 19 Jun 2025 14:18

Instrument :
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ClientSampleId :
IBLK

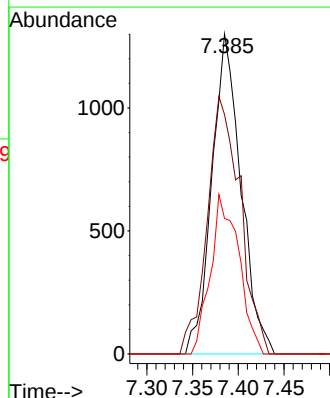
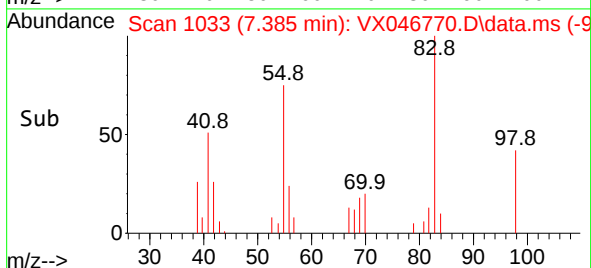
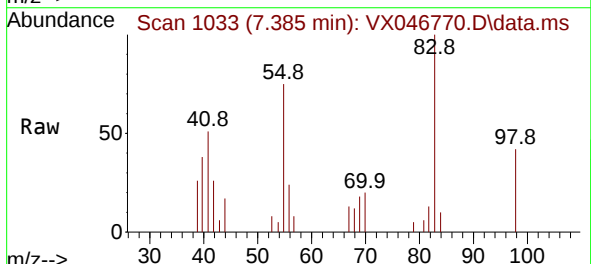


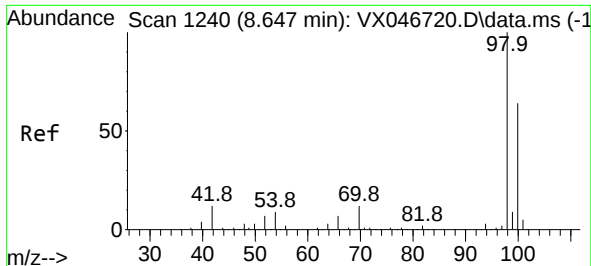
Tgt Ion:117 Resp: 16619
Ion Ratio Lower Upper
117 100
119 4.7 75.2 112.8#
121 0.0 24.1 36.1#



#39
Methylcyclohexane
Concen: 0.839 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX046770.D
Acq: 19 Jun 2025 14:18

Tgt Ion: 83 Resp: 2881
Ion Ratio Lower Upper
83 100
55 74.8 63.0 94.4
98 42.4 38.8 58.2

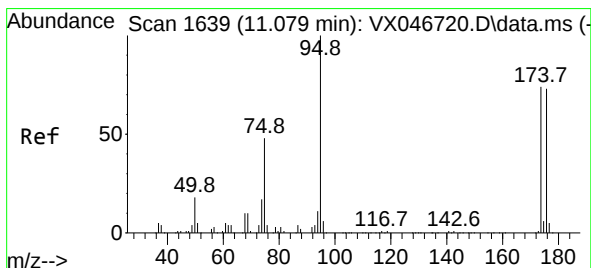
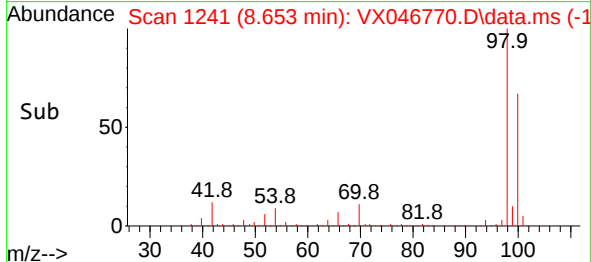
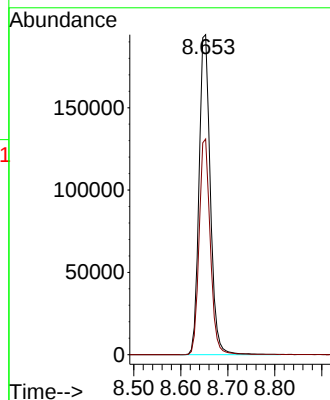
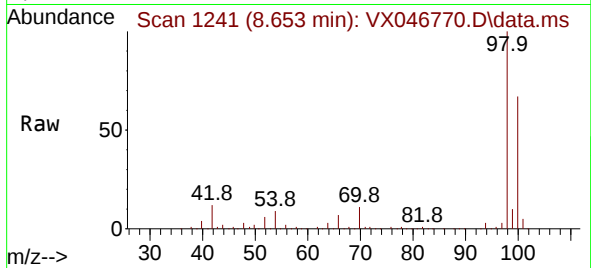




#50
Toluene-d8
Concen: 50.159 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046770.D
Acq: 19 Jun 2025 14:18

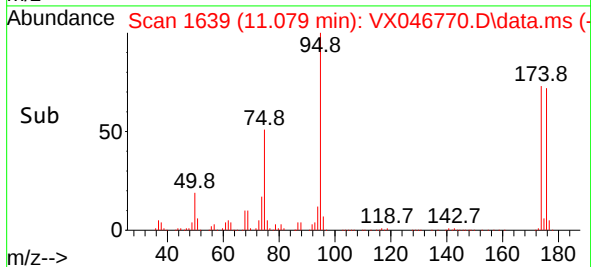
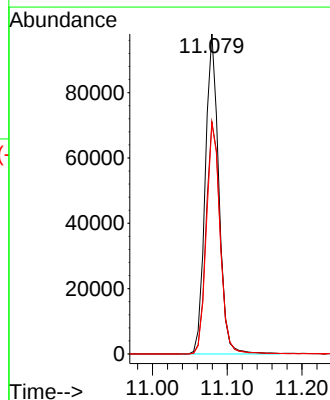
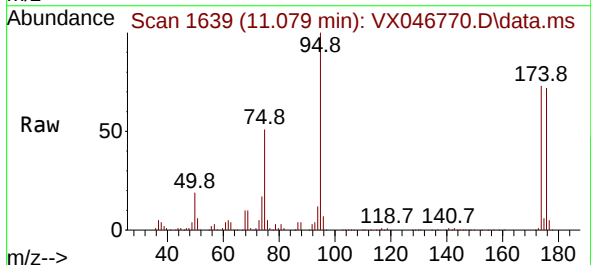
Instrument :
MSVOA_X
ClientSampleId :
IBLK

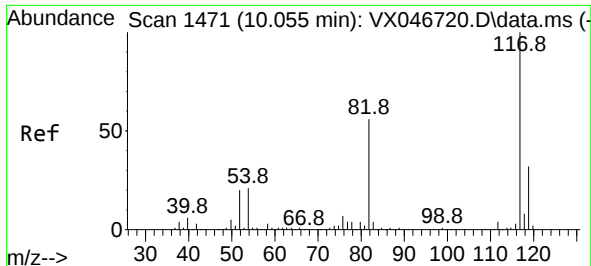
Tgt Ion: 98 Resp: 325747
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 50.886 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046770.D
Acq: 19 Jun 2025 14:18

Tgt Ion: 95 Resp: 123187
Ion Ratio Lower Upper
95 100
174 75.3 0.0 150.4
176 73.0 0.0 145.0

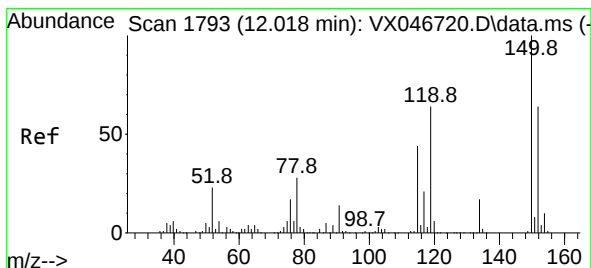
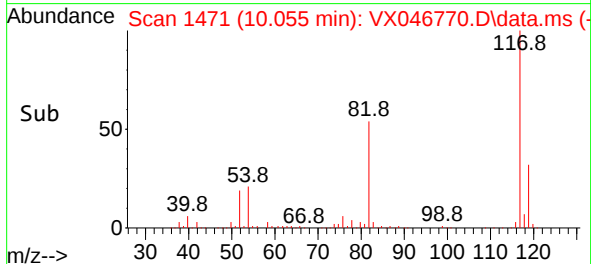
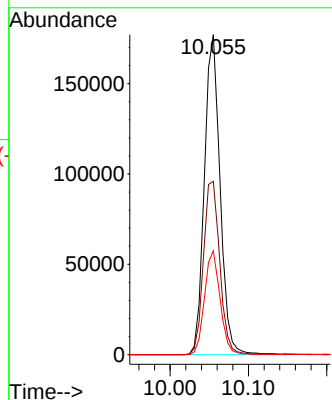
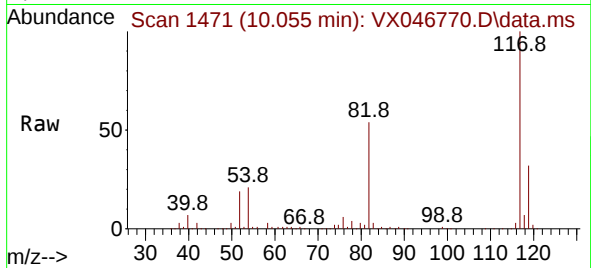




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046770.D
Acq: 19 Jun 2025 14:18

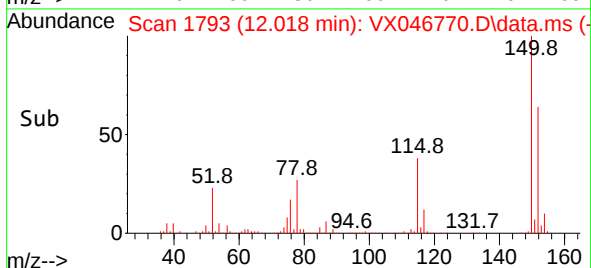
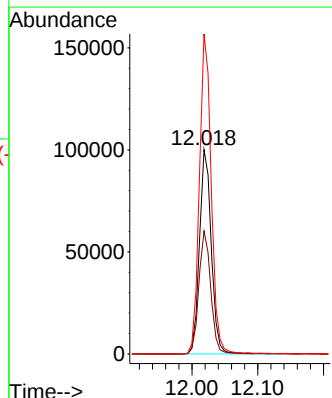
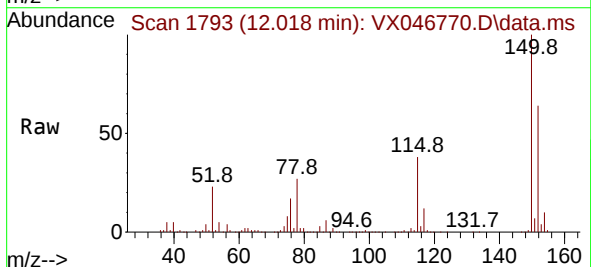
Instrument :
MSVOA_X
ClientSampleId :
IBLK

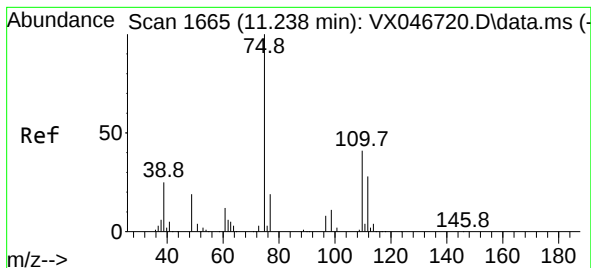
Tgt Ion:117 Resp: 246320
Ion Ratio Lower Upper
117 100
82 54.2 44.6 66.8
119 32.5 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046770.D
Acq: 19 Jun 2025 14:18

Tgt Ion:152 Resp: 125308
Ion Ratio Lower Upper
152 100
115 60.3 43.2 129.6
150 157.0 0.0 346.8





#76

1,2,3-Trichloropropane

Concen: 27.566 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX046770.D

Acq: 19 Jun 2025 14:18

Instrument :

MSVOA_X

ClientSampleId :

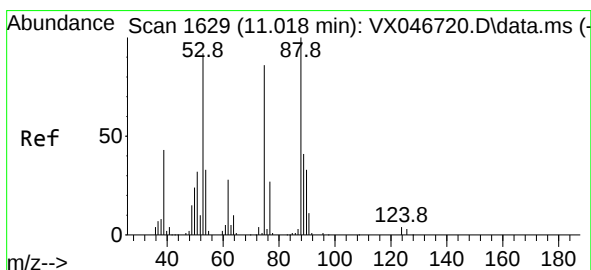
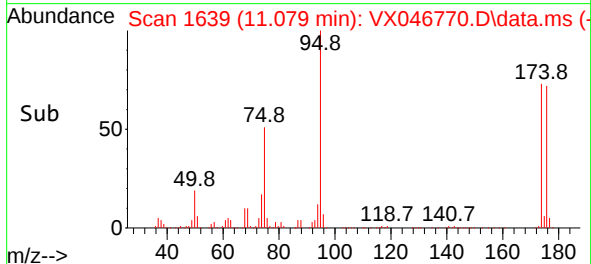
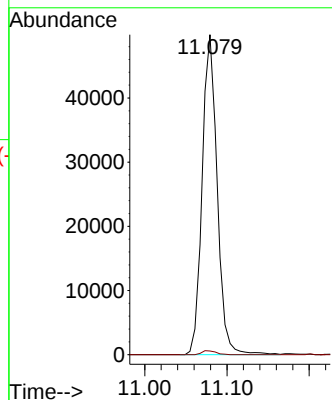
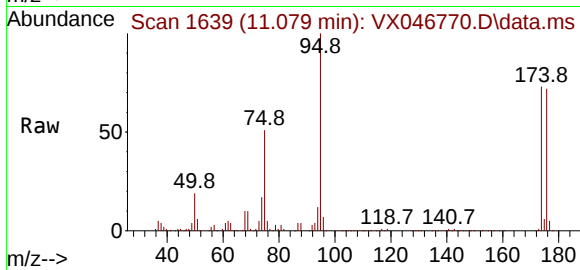
IBLK

Tgt Ion: 75 Resp: 63265

Ion Ratio Lower Upper

75 100

77 1.2 18.5 55.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 77.917 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX046770.D

Acq: 19 Jun 2025 14:18

Tgt Ion: 75 Resp: 63265

Ion Ratio Lower Upper

75 100

53 0.0 86.8 130.2#

89 0.0 36.9 55.3#

