

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062325\
 Data File : VX046815.D
 Acq On : 23 Jun 2025 13:24
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 24 04:06:41 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)

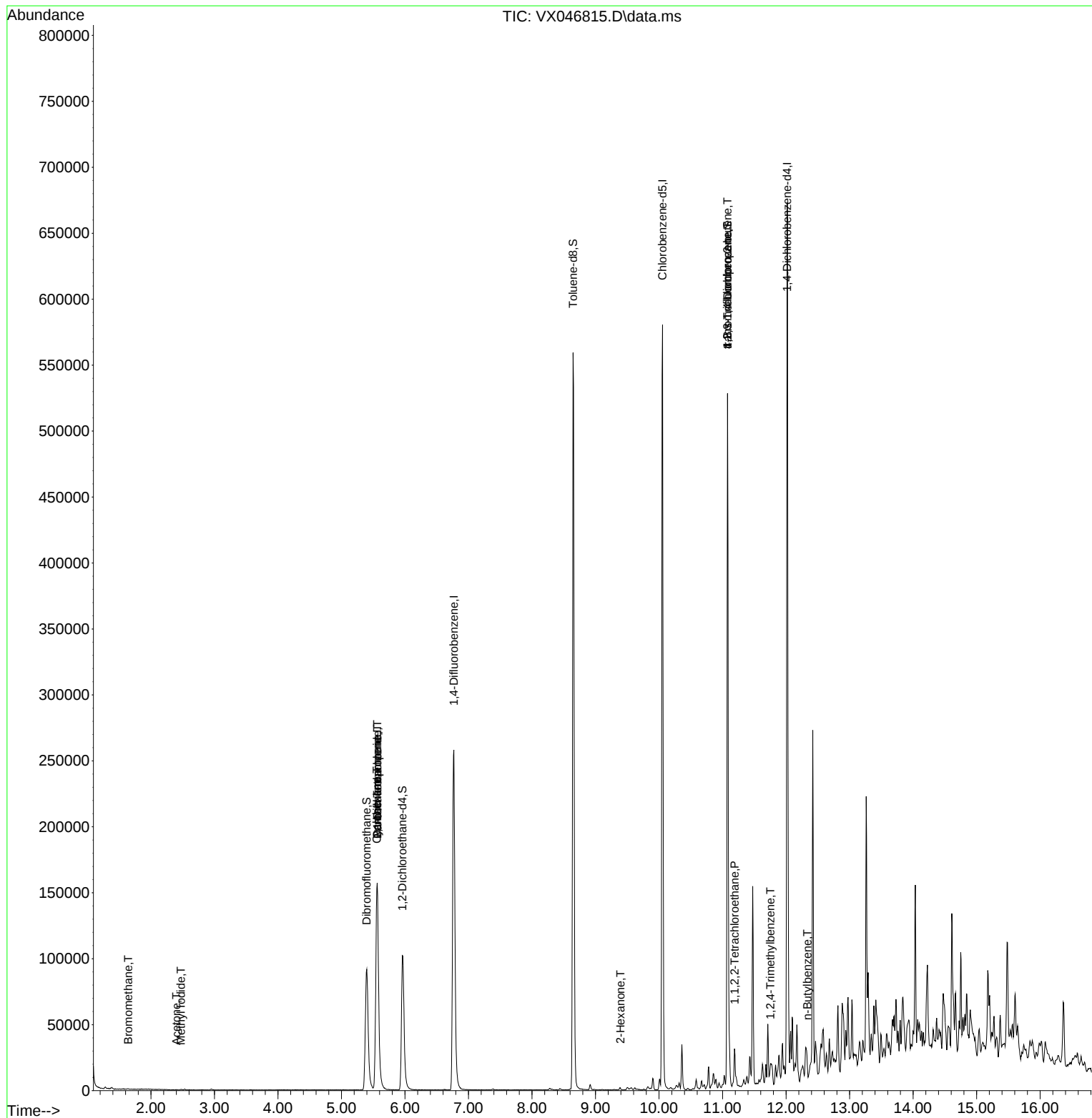
Internal Standards						
1) Pentafluorobenzene	5.562	168	165798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	288996	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	267504	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	134761	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	108342	47.243	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.480%
35) Dibromofluoromethane	5.397	113	89848	46.989	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.980%
50) Toluene-d8	8.647	98	348217	50.689	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.380%
62) 4-Bromofluorobenzene	11.079	95	134284	52.439	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.880%
Target Compounds						
					Qvalue	
5) Bromomethane	1.642	94	236	0.206	ug/l #	73
10) Methyl Iodide	2.471	142	518	4.533	ug/l #	86
16) Acetone	2.398	43	300	0.392	ug/l #	44
31) Cyclohexane	5.556	56	3390	0.987	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	13190	4.779	ug/l #	49
38) Carbon Tetrachloride	5.562	117	16810	5.612	ug/l #	18
59) 2-Hexanone	9.391	43	623	0.379	ug/l #	25
75) 1,1,2,2-Tetrachloroethane	11.189	83	1158	0.418	ug/l #	68
76) 1,2,3-Trichloropropane	11.079	75	67473	27.337	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	67473	77.271	ug/l #	7
84) 1,2,4-Trimethylbenzene	11.756	105	3636	0.444	ug/l	97
89) n-Butylbenzene	12.335	91	2533	0.297	ug/l #	72

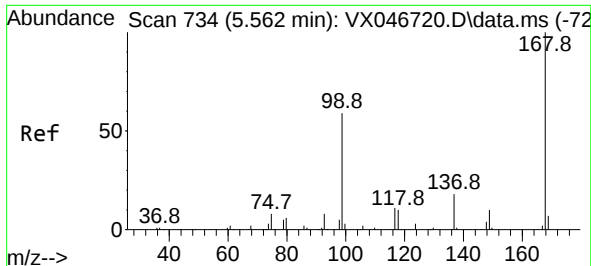
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062325\
Data File : VX046815.D
Acq On : 23 Jun 2025 13:24
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Quant Time: Jun 24 04:06:41 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

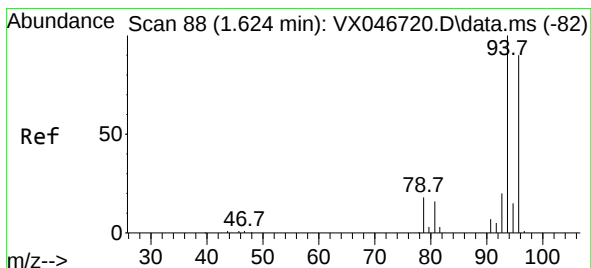
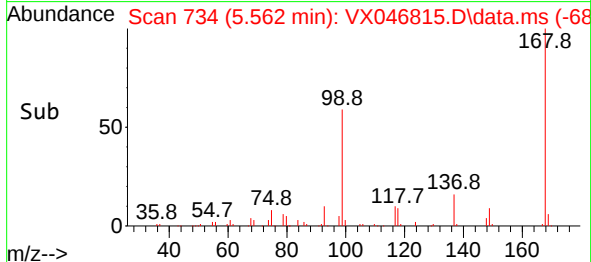
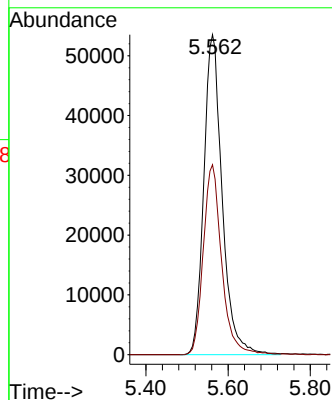
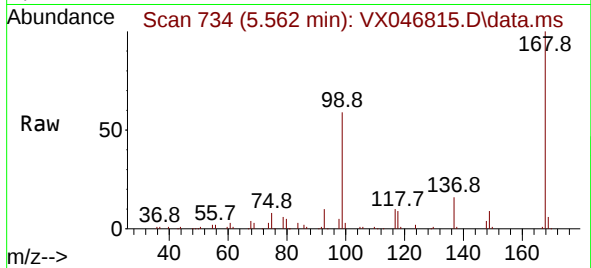




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046815.D
Acq: 23 Jun 2025 13:24

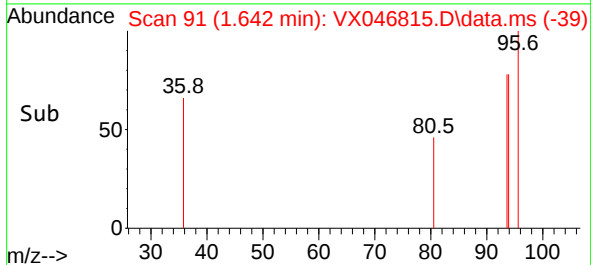
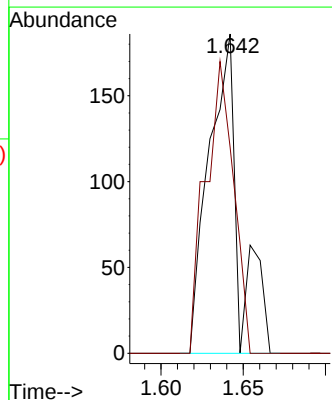
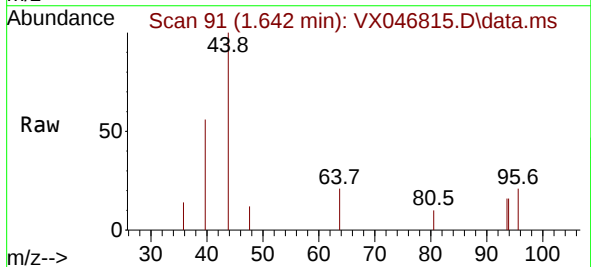
Instrument :
MSVOA_X
ClientSampleId :
IBLK

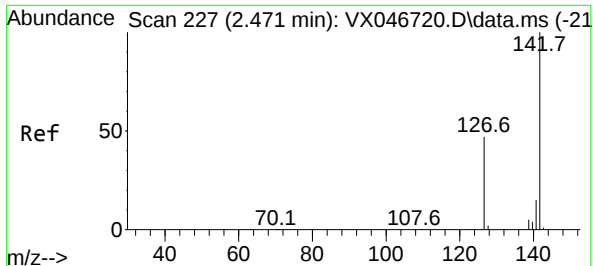
Tgt Ion:168 Resp: 165798
Ion Ratio Lower Upper
168 100
99 59.3 48.5 72.7



#5
Bromomethane
Concen: 0.206 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX046815.D
Acq: 23 Jun 2025 13:24

Tgt Ion: 94 Resp: 236
Ion Ratio Lower Upper
94 100
96 64.5 72.3 108.5#

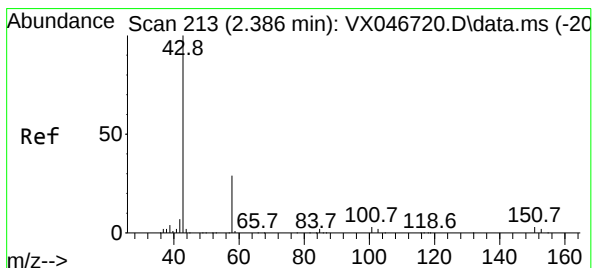
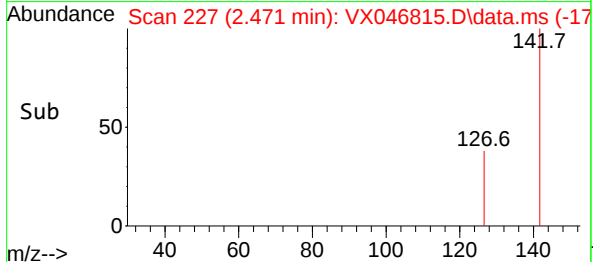
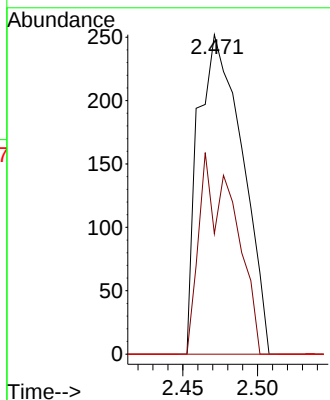
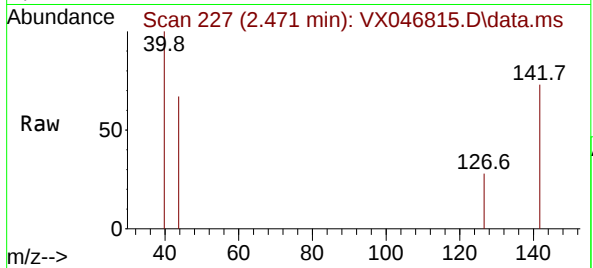




#10
Methyl Iodide
Concen: 4.533 ug/l
RT: 2.471 min Scan# 215
Delta R.T. 0.000 min
Lab File: VX046815.D
Acq: 23 Jun 2025 13:24

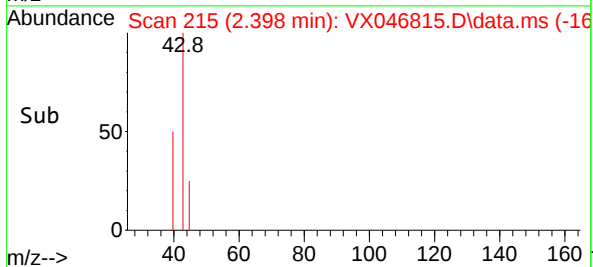
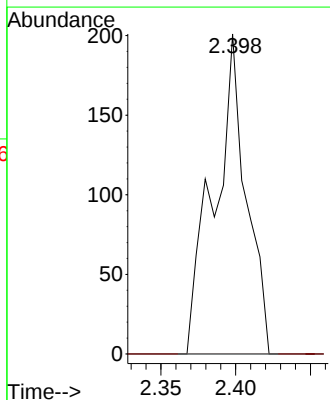
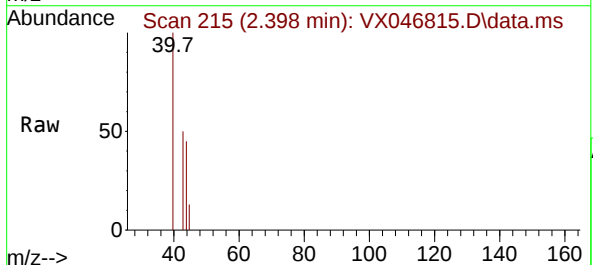
Instrument :
MSVOA_X
ClientSampleId :
IBLK

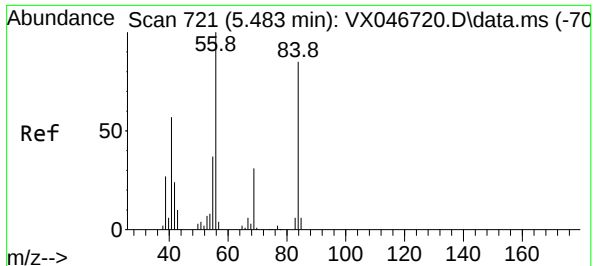
Tgt Ion:142 Resp: 518
Ion Ratio Lower Upper
142 100
127 51.0 37.0 55.6
141 0.0 11.5 17.3#



#16
Acetone
Concen: 0.392 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX046815.D
Acq: 23 Jun 2025 13:24

Tgt Ion: 43 Resp: 300
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#

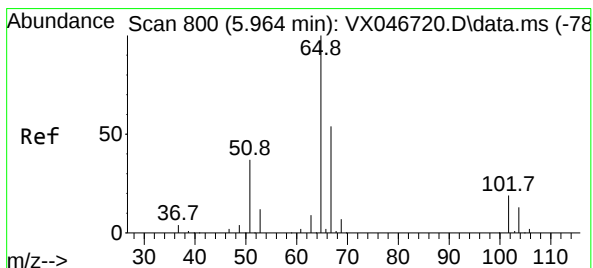
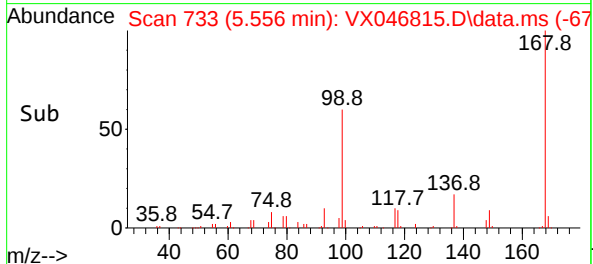
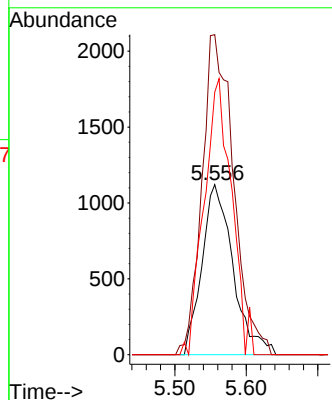
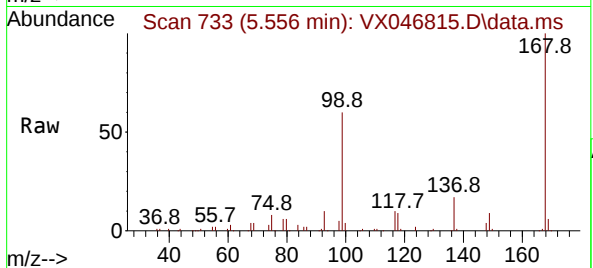




#31
Cyclohexane
Concen: 0.987 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX046815.D
Acq: 23 Jun 2025 13:24

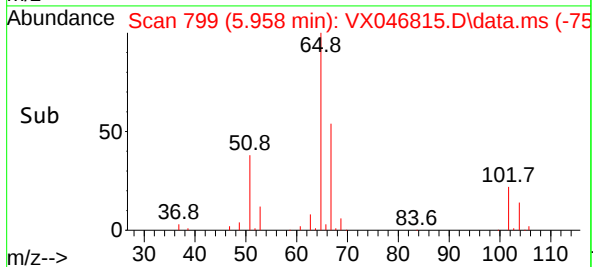
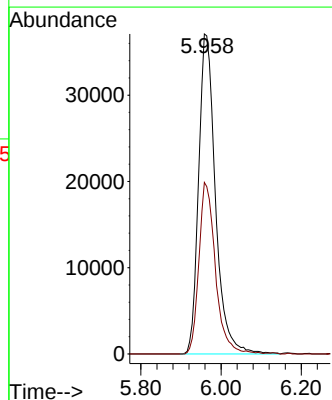
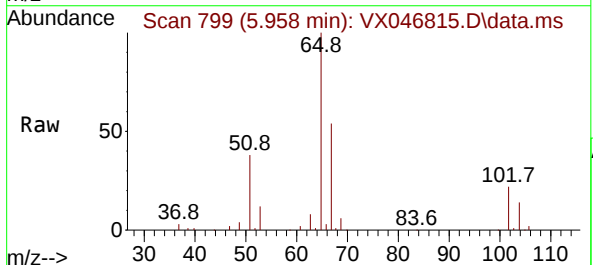
Instrument :
MSVOA_X
ClientSampleId :
IBLK

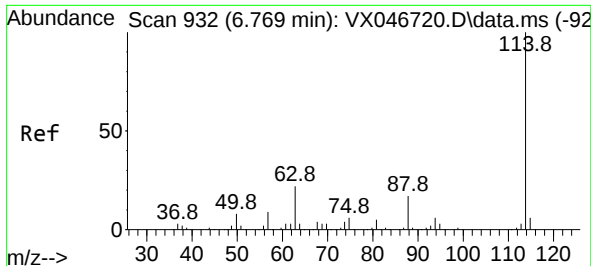
Tgt Ion: 56 Resp: 3390
Ion Ratio Lower Upper
56 100
69 188.1 24.8 37.2#
84 154.4 68.2 102.2#



#33
1,2-Dichloroethane-d4
Concen: 47.243 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX046815.D
Acq: 23 Jun 2025 13:24

Tgt Ion: 65 Resp: 108342
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.4

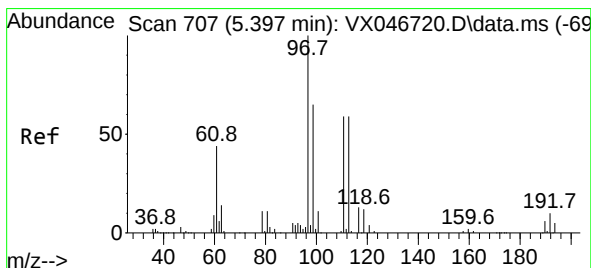
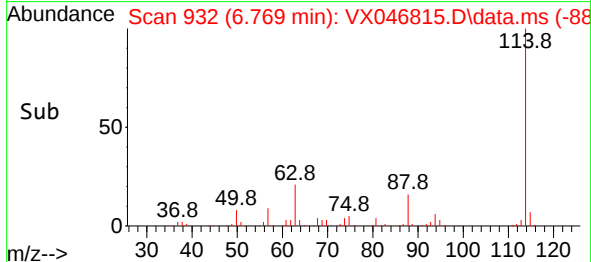
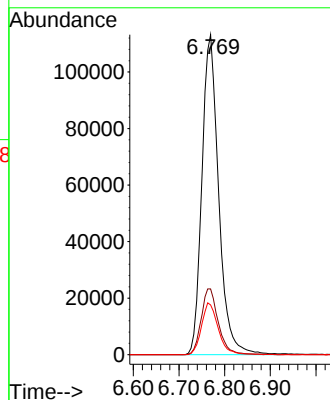
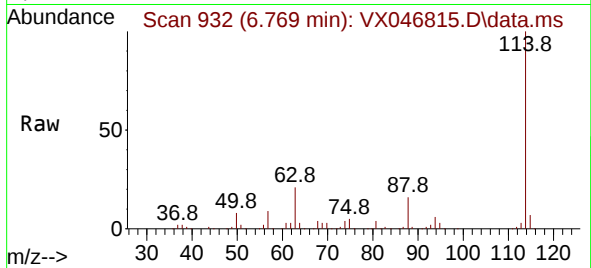




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX046815.D
Acq: 23 Jun 2025 13:24

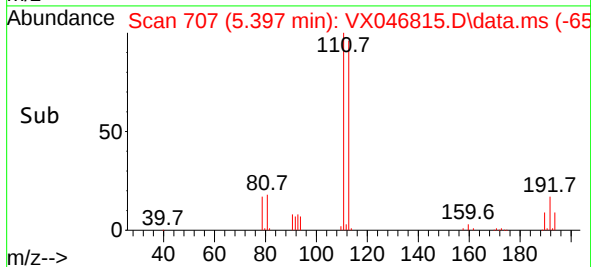
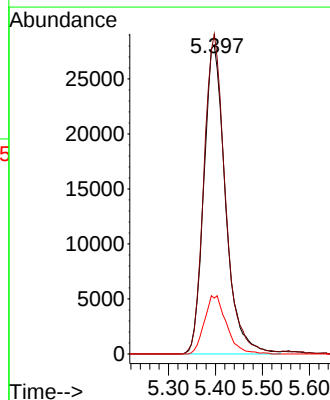
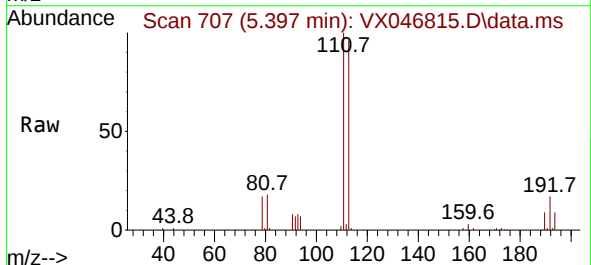
Instrument :
MSVOA_X
ClientSampleId :
IBLK

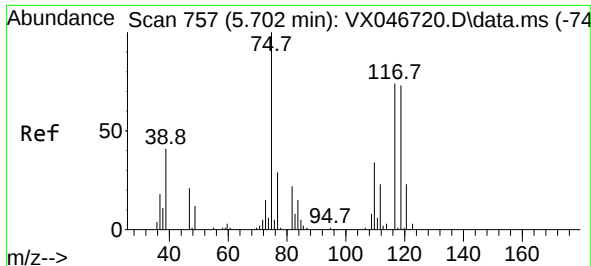
Tgt Ion:114 Resp: 288996
Ion Ratio Lower Upper
114 100
63 20.6 0.0 44.2
88 15.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.989 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046815.D
Acq: 23 Jun 2025 13:24

Tgt Ion:113 Resp: 89848
Ion Ratio Lower Upper
113 100
111 102.3 82.0 123.0
192 19.3 15.3 22.9





#36

1,1-Dichloropropene

Concen: 4.779 ug/l

RT: 5.562 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX046815.D

Acq: 23 Jun 2025 13:24

Instrument :

MSVOA_X

ClientSampleId :

IBLK

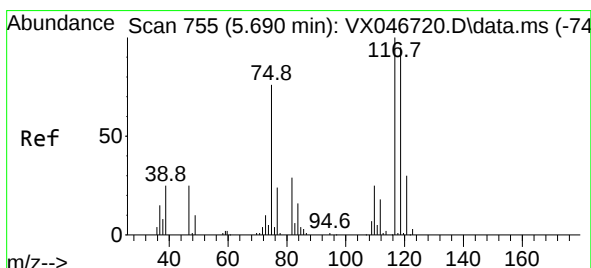
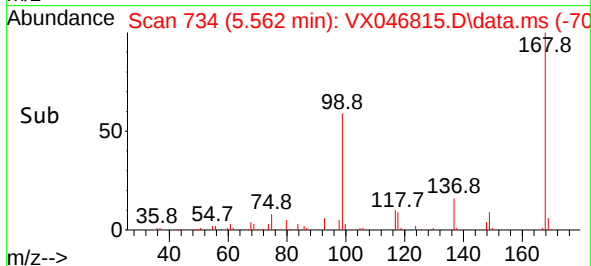
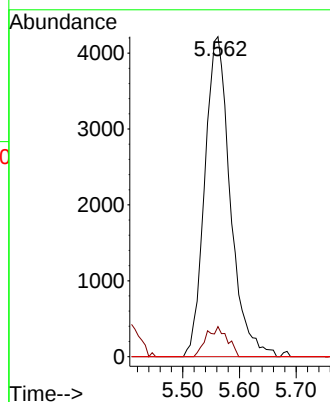
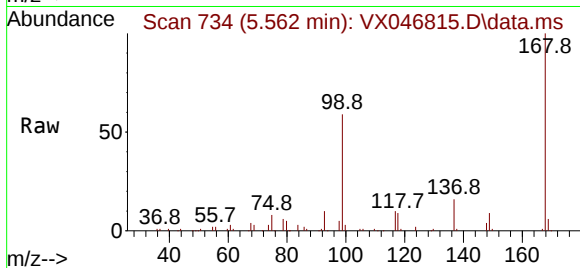
Tgt Ion: 75 Resp: 13190

Ion Ratio Lower Upper

75 100

110 7.7 17.2 51.5#

77 0.0 24.2 36.4#



#38

Carbon Tetrachloride

Concen: 5.612 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.128 min

Lab File: VX046815.D

Acq: 23 Jun 2025 13:24

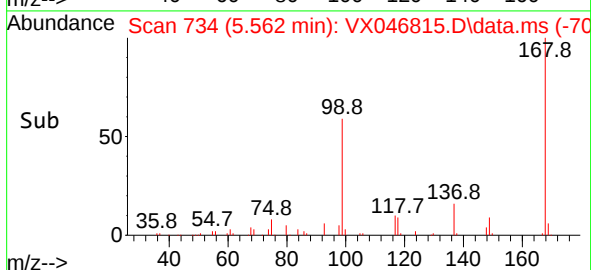
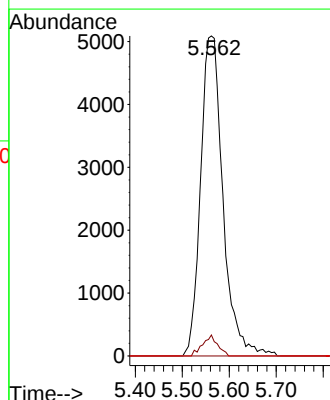
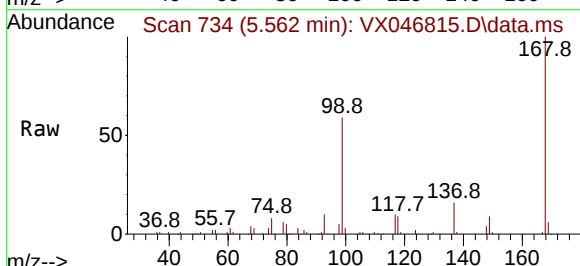
Tgt Ion: 117 Resp: 16810

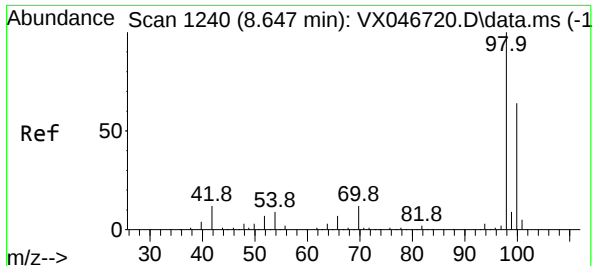
Ion Ratio Lower Upper

117 100

119 6.5 75.2 112.8#

121 0.0 24.1 36.1#

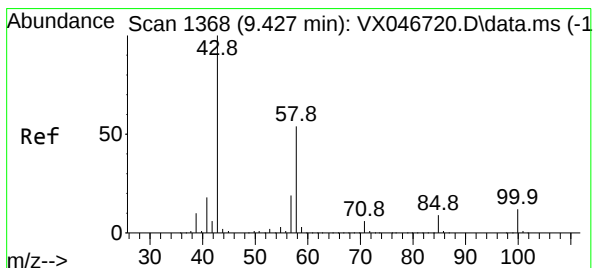
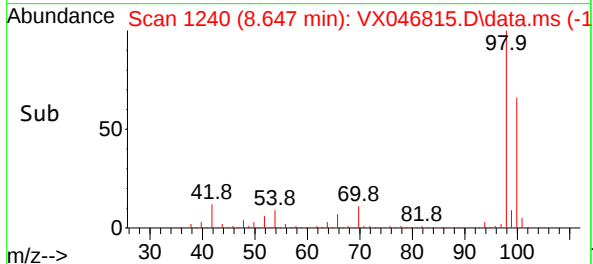
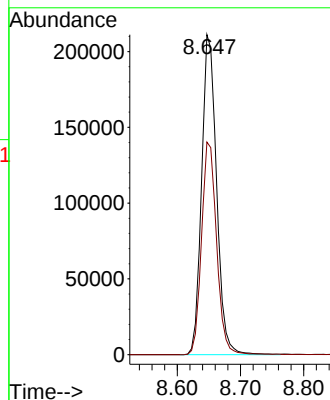
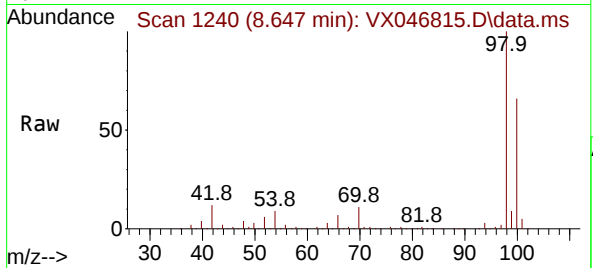




#50
Toluene-d8
Concen: 50.689 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046815.D
Acq: 23 Jun 2025 13:24

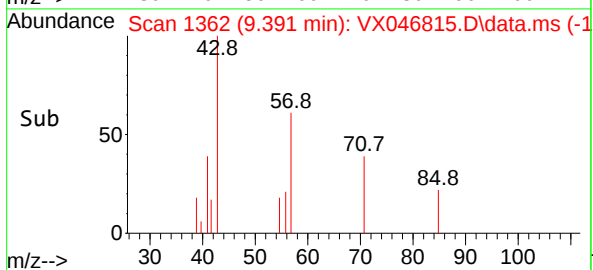
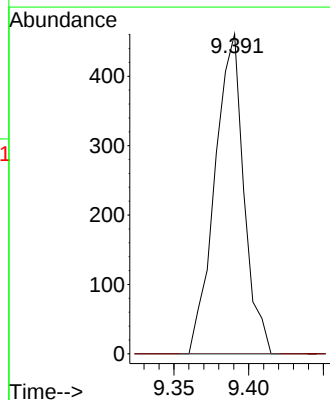
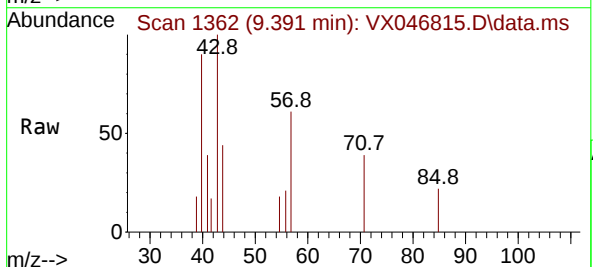
Instrument :
MSVOA_X
ClientSampleId :
IBLK

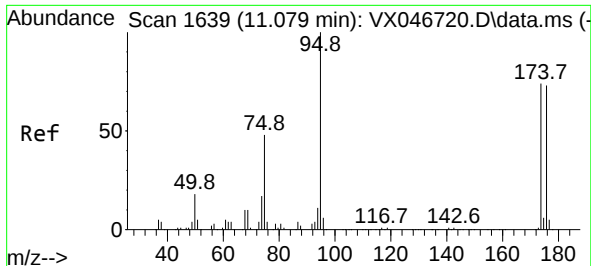
Tgt Ion: 98 Resp: 348217
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4



#59
2-Hexanone
Concen: 0.379 ug/l
RT: 9.391 min Scan# 1362
Delta R.T. -0.037 min
Lab File: VX046815.D
Acq: 23 Jun 2025 13:24

Tgt Ion: 43 Resp: 623
Ion Ratio Lower Upper
43 100
58 0.0 26.8 80.4#

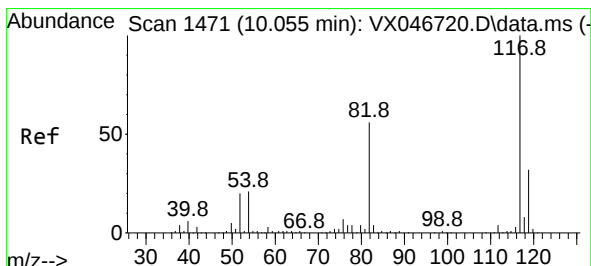
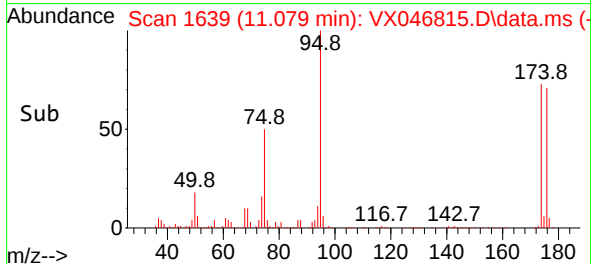
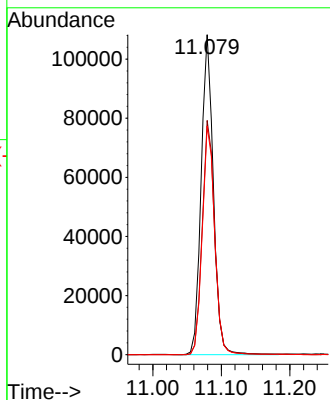
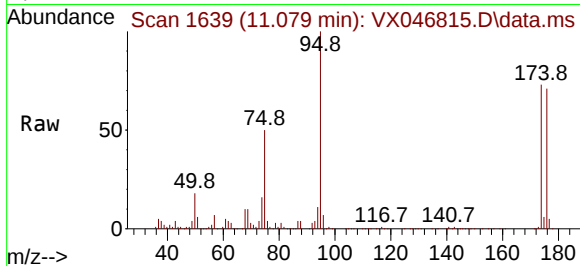




#62
4-Bromofluorobenzene
Concen: 52.439 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046815.D
Acq: 23 Jun 2025 13:24

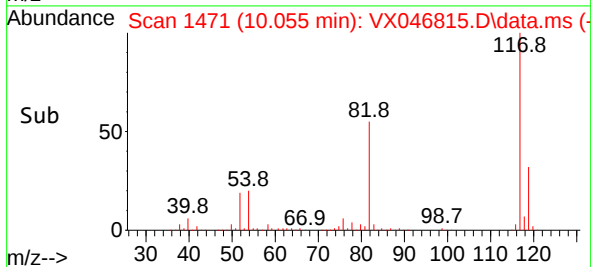
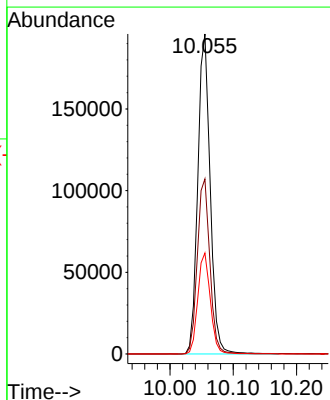
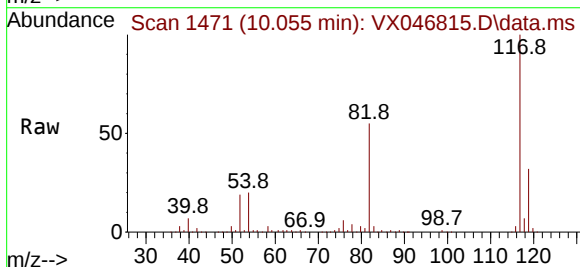
Instrument :
MSVOA_X
ClientSampleId :
IBLK

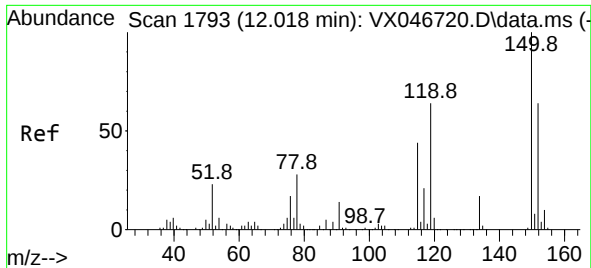
Tgt Ion: 95 Resp: 134284
Ion Ratio Lower Upper
95 100
174 74.2 0.0 150.4
176 73.0 0.0 145.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046815.D
Acq: 23 Jun 2025 13:24

Tgt Ion: 117 Resp: 267504
Ion Ratio Lower Upper
117 100
82 54.7 44.6 66.8
119 31.6 25.8 38.8

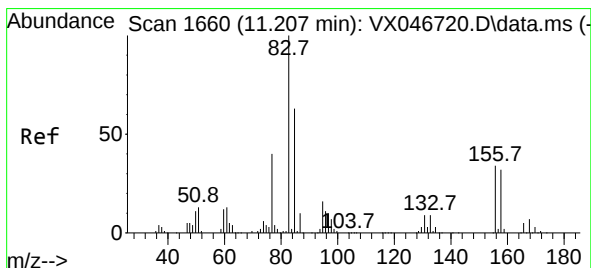
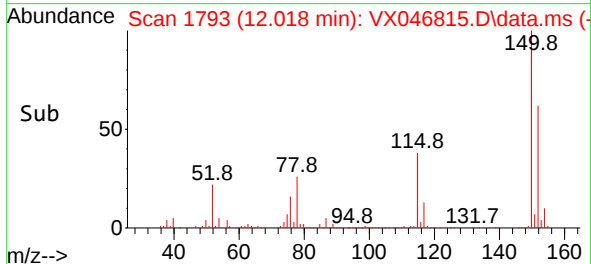
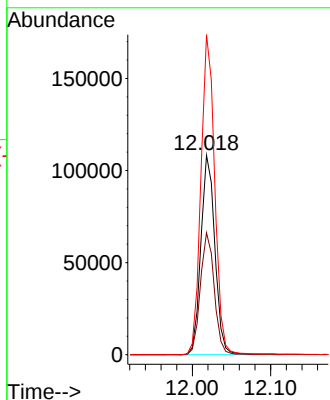
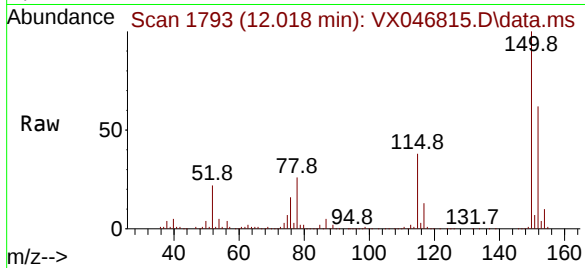




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046815.D
 Acq: 23 Jun 2025 13:24

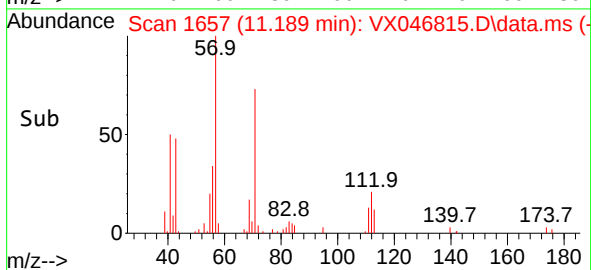
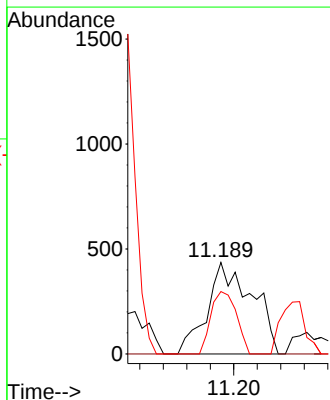
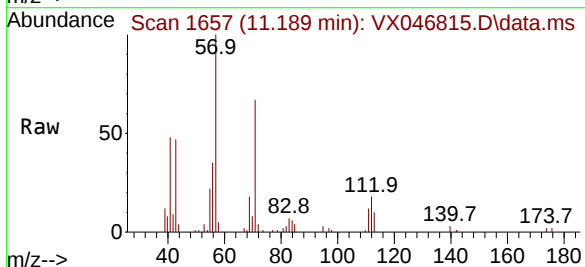
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

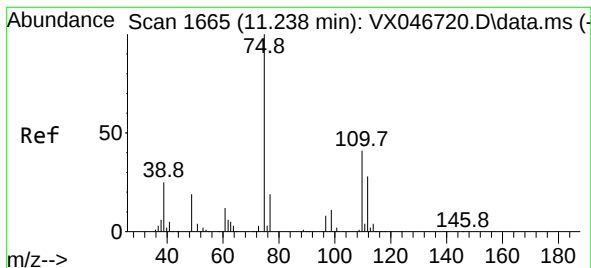
Tgt Ion:152 Resp: 134761
 Ion Ratio Lower Upper
 152 100
 115 60.8 43.2 129.6
 150 157.7 0.0 346.8



#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.418 ug/l
 RT: 11.189 min Scan# 1657
 Delta R.T. -0.018 min
 Lab File: VX046815.D
 Acq: 23 Jun 2025 13:24

Tgt Ion: 83 Resp: 1158
 Ion Ratio Lower Upper
 83 100
 131 0.0 4.9 14.6#
 85 38.7 32.0 96.0





#76

1,2,3-Trichloropropane

Concen: 27.337 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX046815.D

Acq: 23 Jun 2025 13:24

Instrument :

MSVOA_X

ClientSampleId :

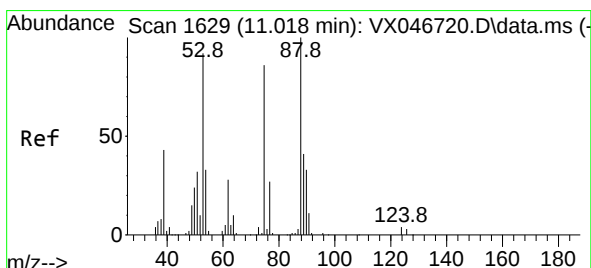
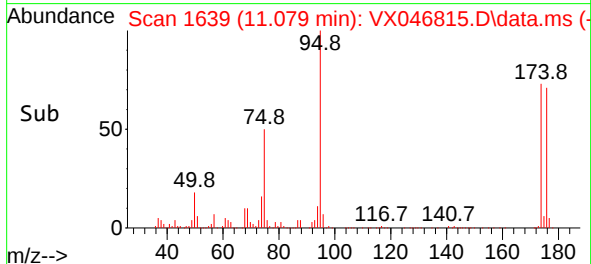
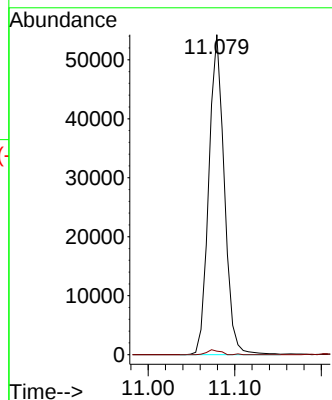
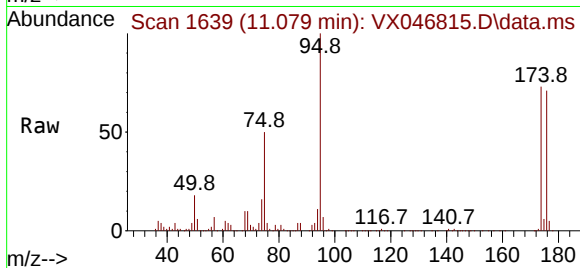
IBLK

Tgt Ion: 75 Resp: 67473

Ion Ratio Lower Upper

75 100

77 1.3 18.5 55.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 77.271 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX046815.D

Acq: 23 Jun 2025 13:24

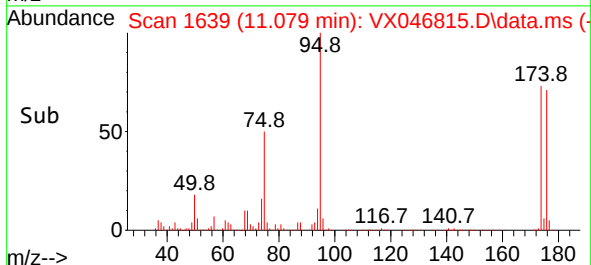
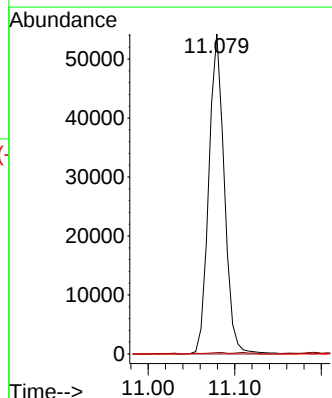
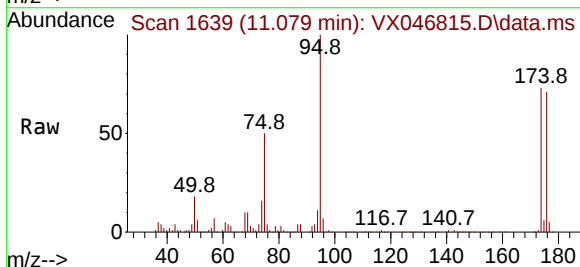
Tgt Ion: 75 Resp: 67473

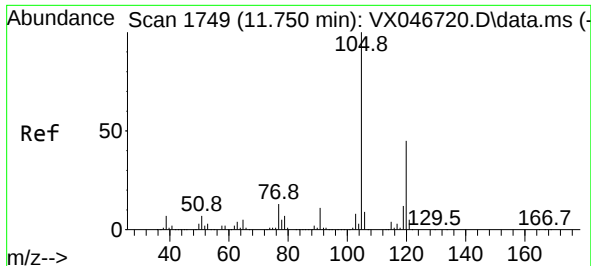
Ion Ratio Lower Upper

75 100

53 0.7 86.8 130.2#

89 0.0 36.9 55.3#

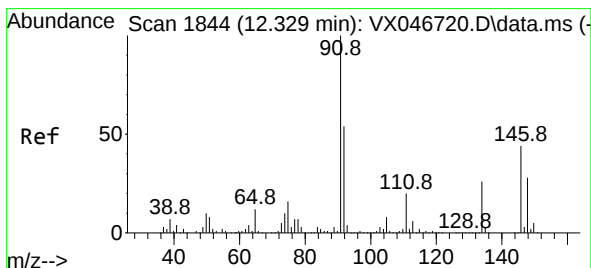
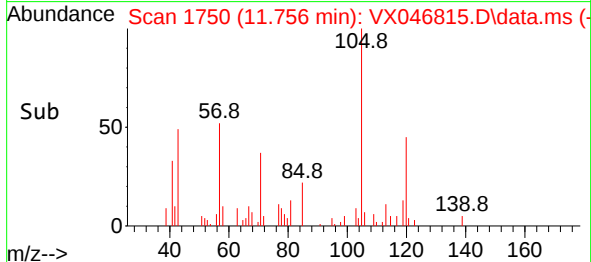
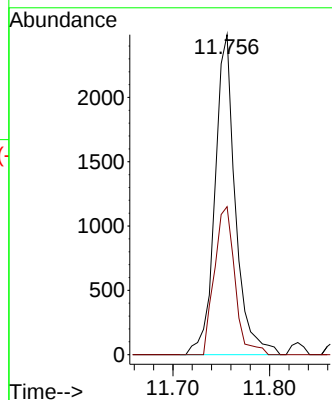
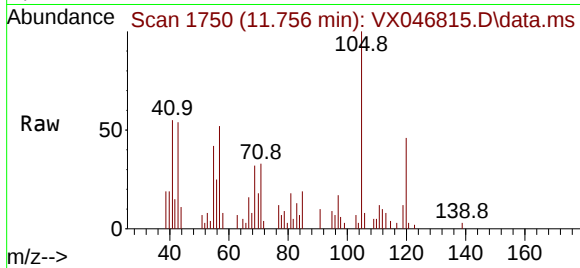




#84
1,2,4-Trimethylbenzene
Concen: 0.444 ug/l
RT: 11.756 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046815.D
Acq: 23 Jun 2025 13:24

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:105 Resp: 3636
Ion Ratio Lower Upper
105 100
120 46.3 22.1 66.3



#89
n-Butylbenzene
Concen: 0.297 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX046815.D
Acq: 23 Jun 2025 13:24

Tgt Ion: 91 Resp: 2533
Ion Ratio Lower Upper
91 100
92 47.1 27.1 81.3
134 59.9 12.9 38.6#

