

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
 Data File : VX046790.D
 Acq On : 20 Jun 2025 18:00
 Operator : JC/MD
 Sample : Q2258-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAGEMENT

Quant Time: Jun 21 00:11:08 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)

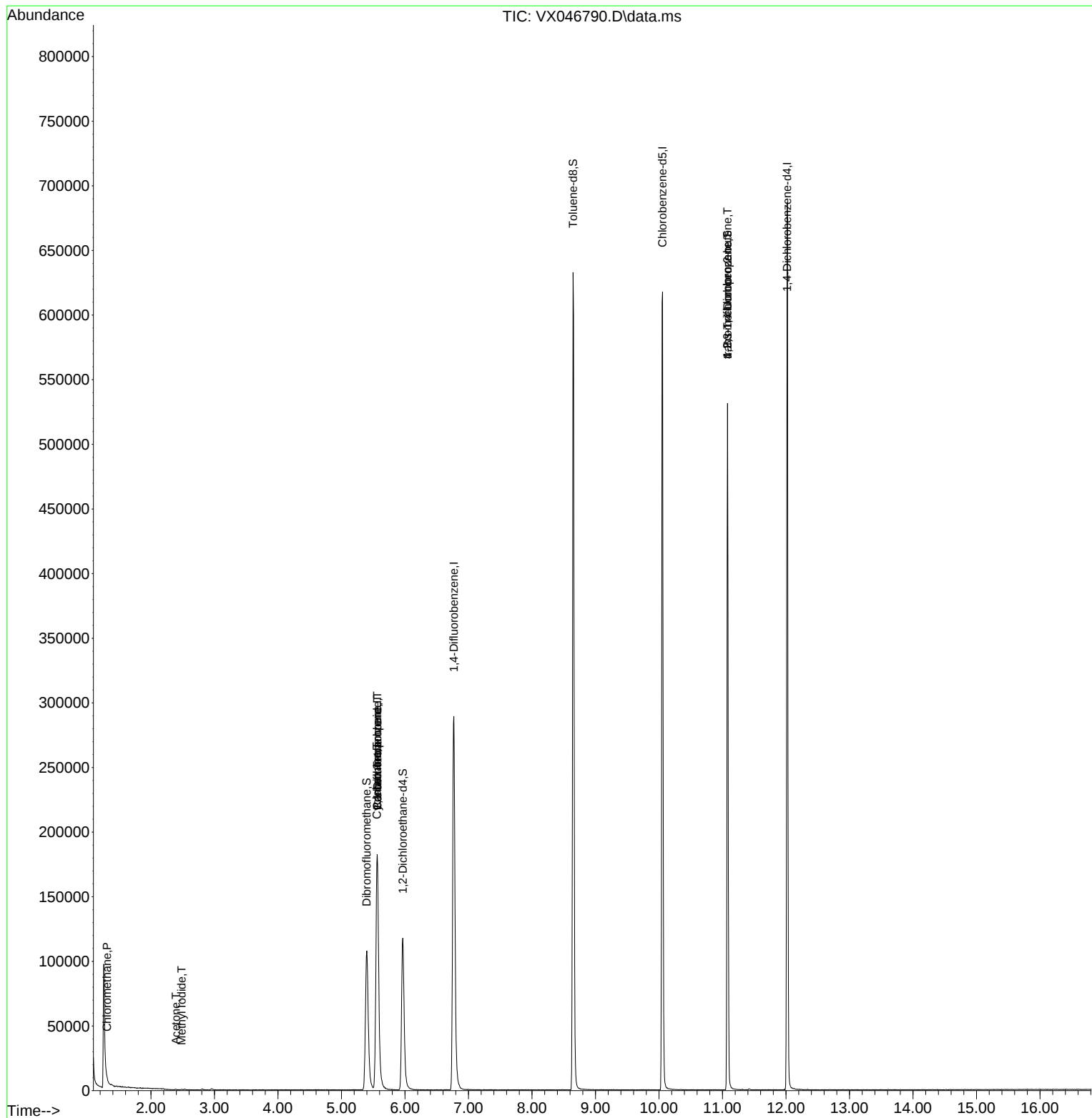
Internal Standards						
1) Pentafluorobenzene	5.562	168	187136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	324094	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	289455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	141120	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	123333	47.648	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.300%
35) Dibromofluoromethane	5.397	113	103831	48.422	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.840%
50) Toluene-d8	8.647	98	389066	50.502	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.000%
62) 4-Bromofluorobenzene	11.079	95	142295	49.549	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.100%
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	1032	0.479	ug/l #	87
10) Methyl Iodide	2.483	142	312	4.440	ug/l #	65
16) Acetone	2.392	43	574	0.665	ug/l	92
31) Cyclohexane	5.556	56	3752	0.968	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	15263	4.931	ug/l #	51
38) Carbon Tetrachloride	5.562	117	19827	5.902	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	71889	27.814	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	71889	78.618	ug/l #	7

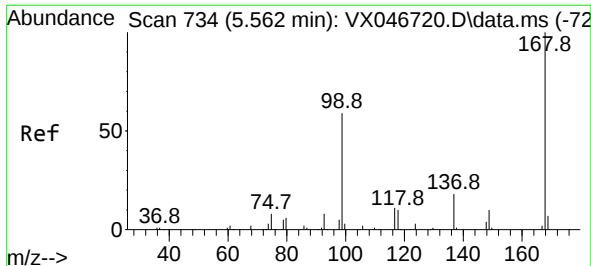
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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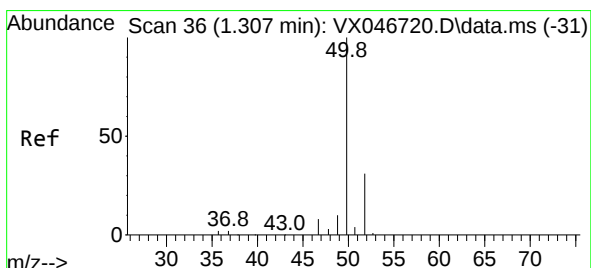
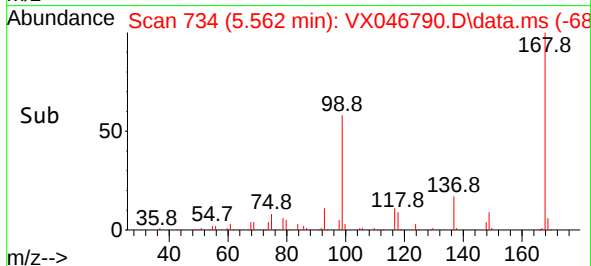
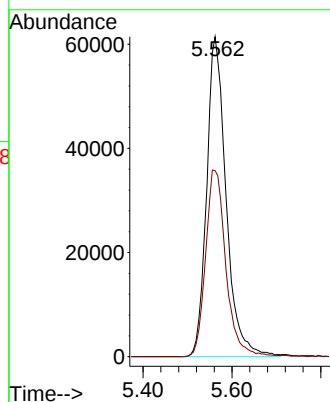
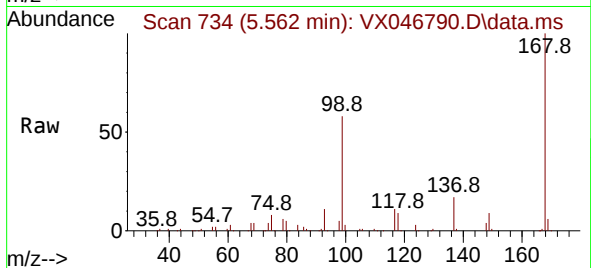




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046790.D
Acq: 20 Jun 2025 18:00

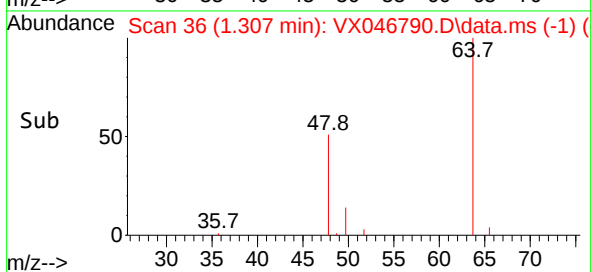
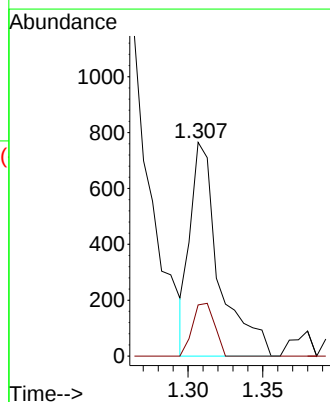
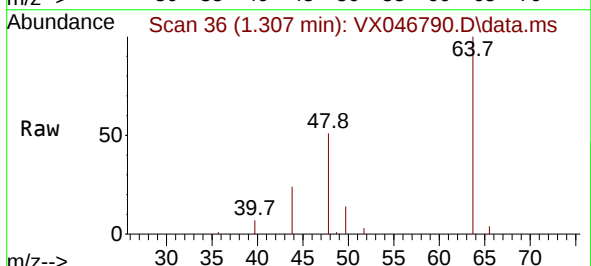
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

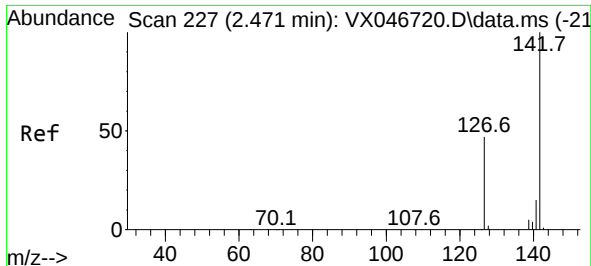
Tgt Ion:168 Resp: 187136
Ion Ratio Lower Upper
168 100
99 58.2 48.5 72.7



#3
Chloromethane
Concen: 0.479 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046790.D
Acq: 20 Jun 2025 18:00

Tgt Ion: 50 Resp: 1032
Ion Ratio Lower Upper
50 100
52 23.9 24.9 37.3#





#10

Methyl Iodide

Concen: 4.440 ug/l

RT: 2.483 min Scan# 21

Delta R.T. 0.012 min

Lab File: VX046790.D

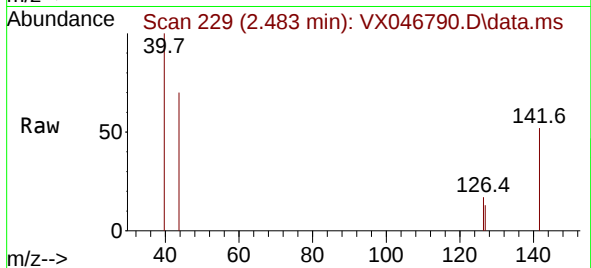
Acq: 20 Jun 2025 18:00

Instrument :

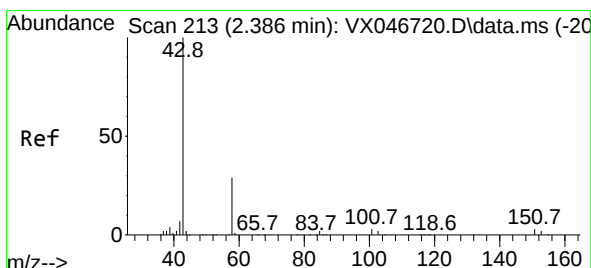
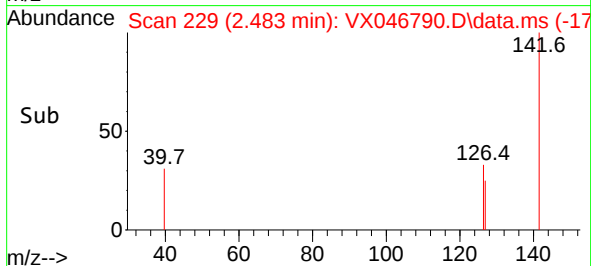
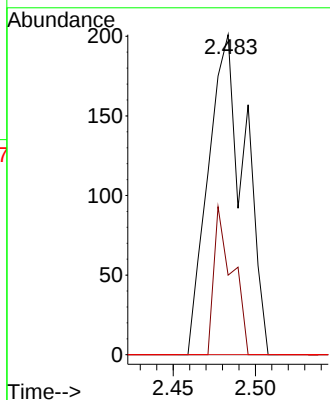
MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAGEMENT



Tgt Ion:	142	Resp:	312
Ion	Ratio	Lower	Upper
142	100		
127	23.1	37.0	55.6#
141	0.0	11.5	17.3#



#16

Acetone

Concen: 0.665 ug/l

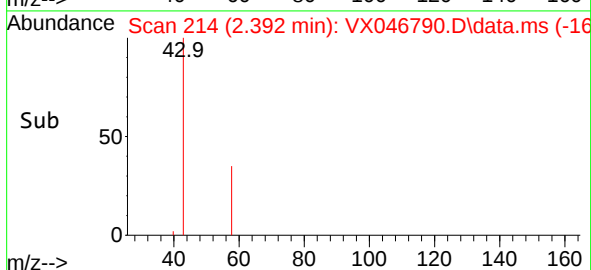
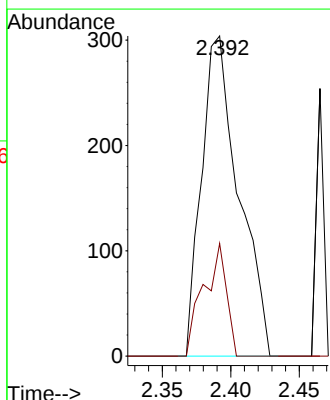
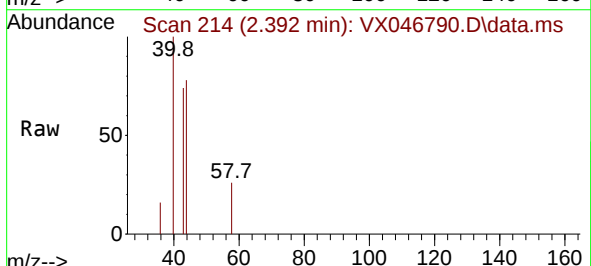
RT: 2.392 min Scan# 214

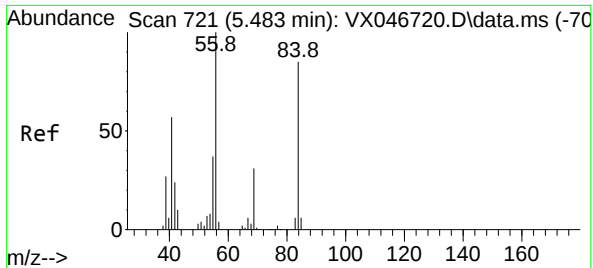
Delta R.T. 0.006 min

Lab File: VX046790.D

Acq: 20 Jun 2025 18:00

Tgt Ion:	43	Resp:	574
Ion	Ratio	Lower	Upper
43	100		
58	35.2	24.5	36.7

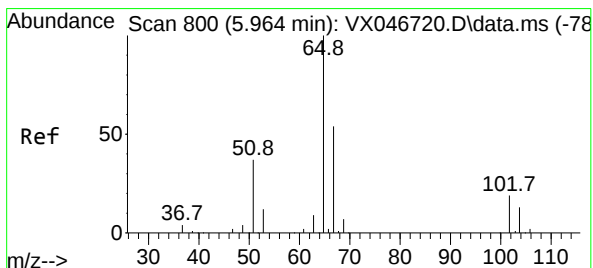
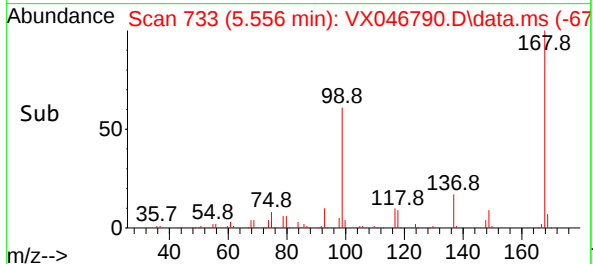
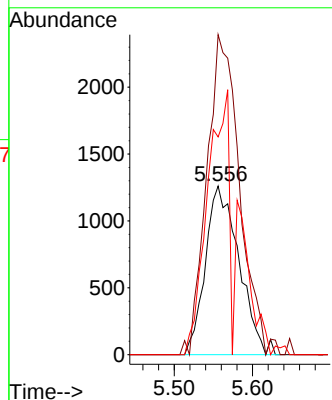
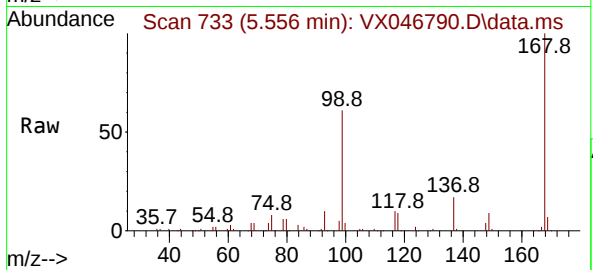




#31
Cyclohexane
Concen: 0.968 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX046790.D
Acq: 20 Jun 2025 18:00

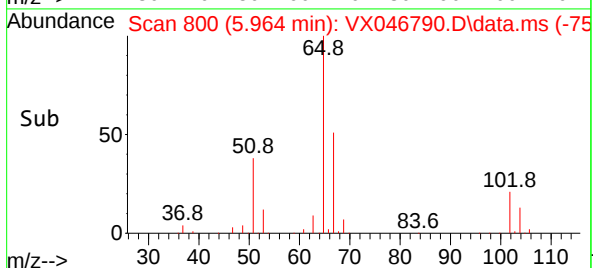
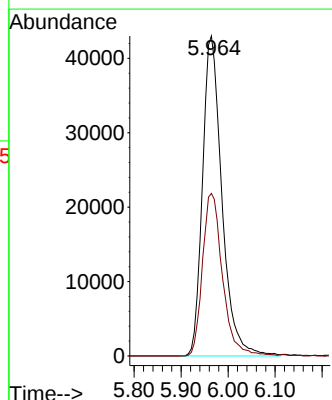
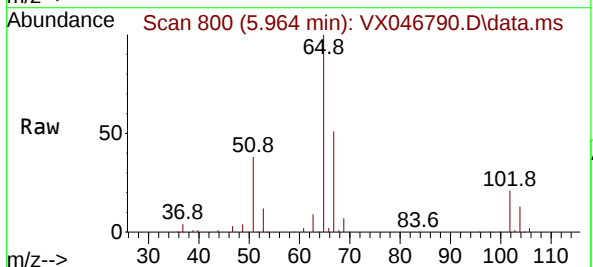
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

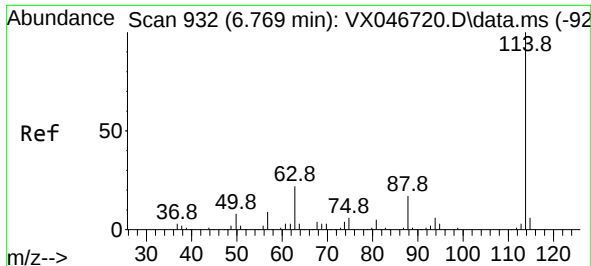
Tgt Ion: 56 Resp: 3752
Ion Ratio Lower Upper
56 100
69 189.8 24.8 37.2#
84 129.1 68.2 102.2#



#33
1,2-Dichloroethane-d4
Concen: 47.648 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX046790.D
Acq: 20 Jun 2025 18:00

Tgt Ion: 65 Resp: 123333
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.4

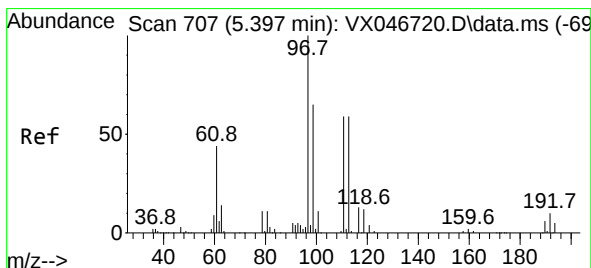
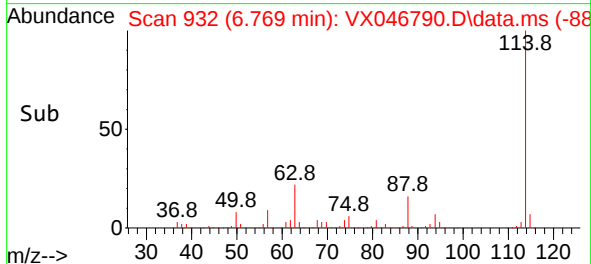
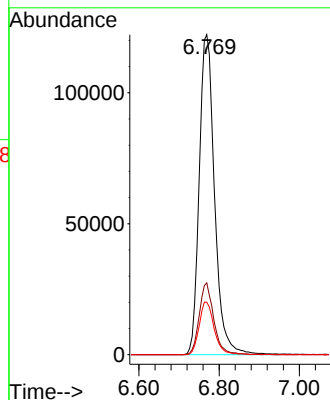
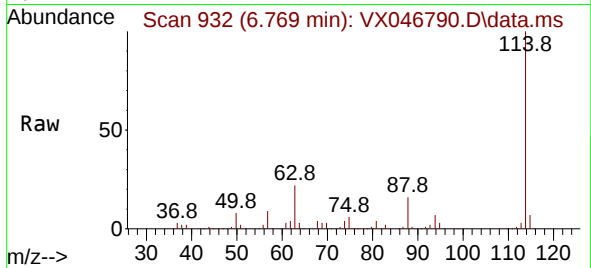




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX046790.D
Acq: 20 Jun 2025 18:00

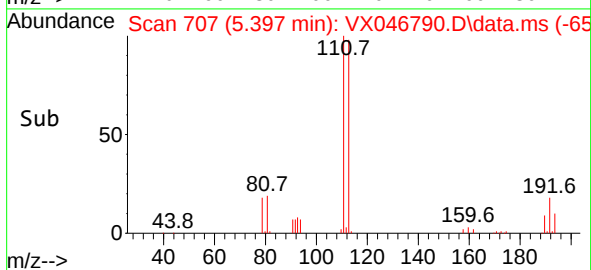
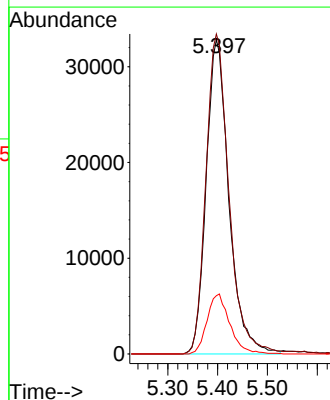
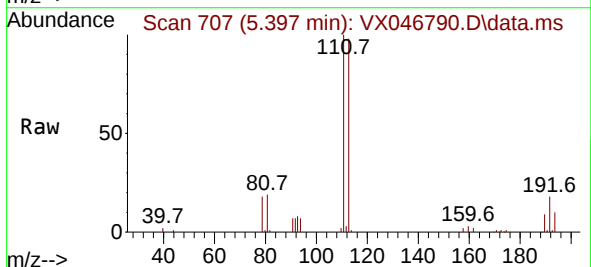
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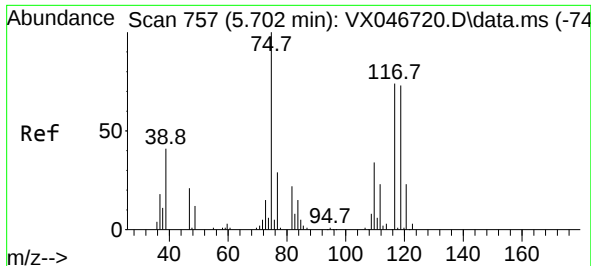
Tgt Ion:114 Resp: 324094
Ion Ratio Lower Upper
114 100
63 22.5 0.0 44.2
88 16.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.422 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046790.D
Acq: 20 Jun 2025 18:00

Tgt Ion:113 Resp: 103831
Ion Ratio Lower Upper
113 100
111 103.4 82.0 123.0
192 19.1 15.3 22.9

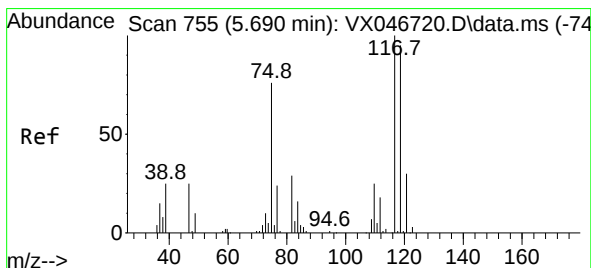
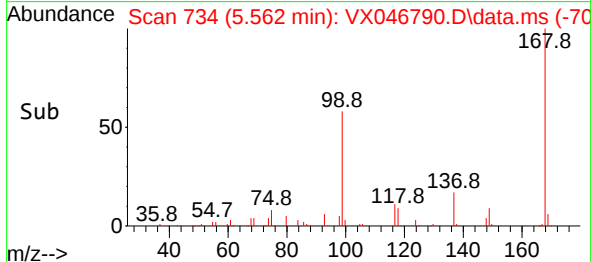
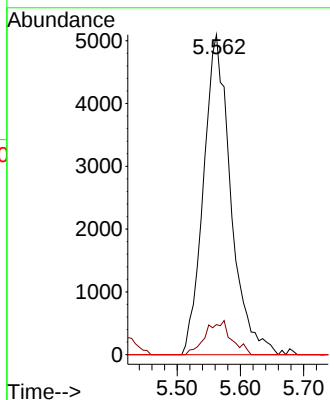
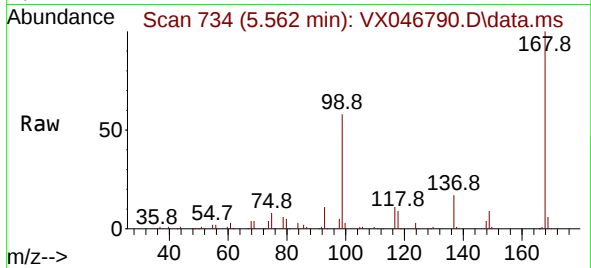




#36
1,1-Dichloropropene
Concen: 4.931 ug/l
RT: 5.562 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX046790.D
Acq: 20 Jun 2025 18:00

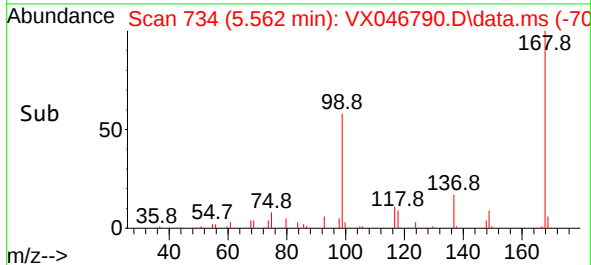
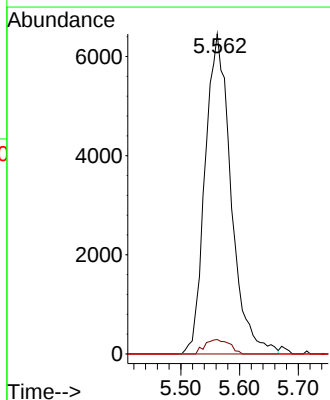
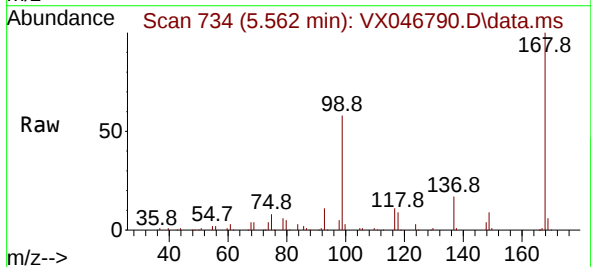
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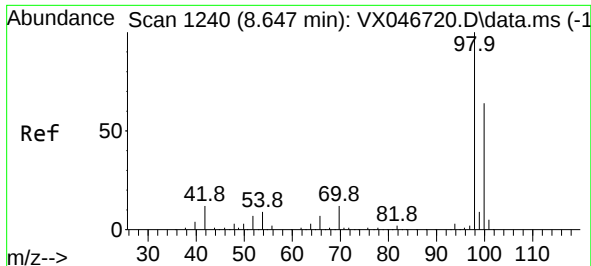
Tgt Ion: 75 Resp: 15263
Ion Ratio Lower Upper
75 100
110 10.0 17.2 51.5#
77 0.0 24.2 36.4#



#38
Carbon Tetrachloride
Concen: 5.902 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX046790.D
Acq: 20 Jun 2025 18:00

Tgt Ion: 117 Resp: 19827
Ion Ratio Lower Upper
117 100
119 4.5 75.2 112.8#
121 0.0 24.1 36.1#

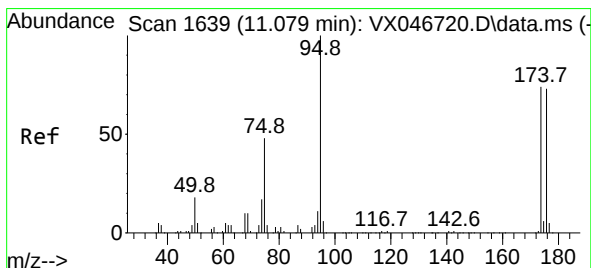
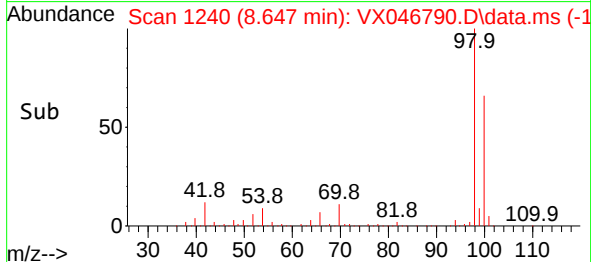
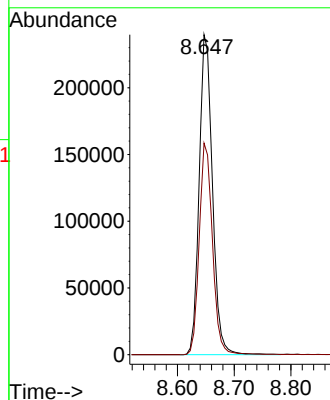
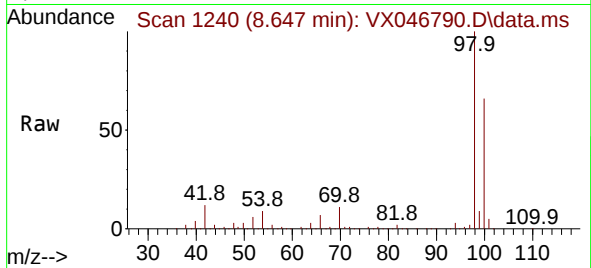




#50
Toluene-d8
Concen: 50.502 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046790.D
Acq: 20 Jun 2025 18:00

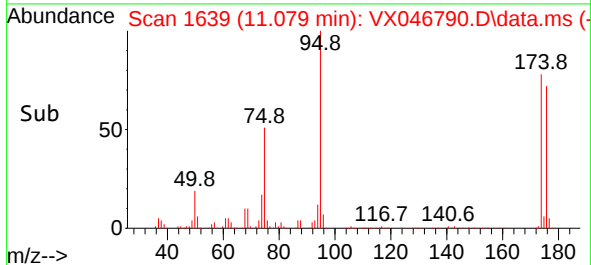
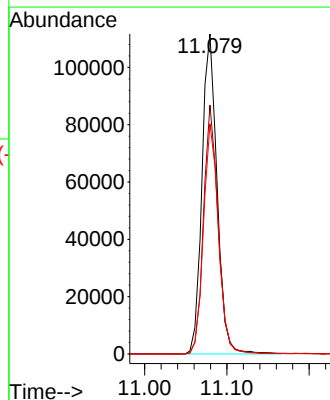
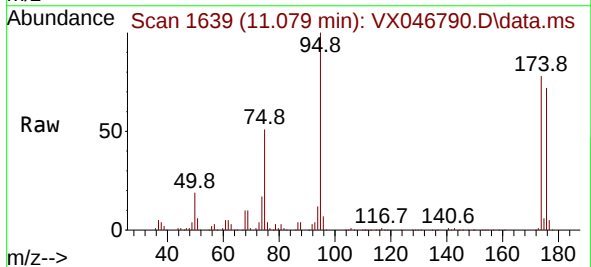
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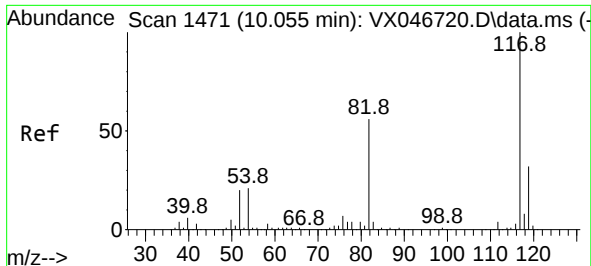
Tgt Ion: 98 Resp: 389066
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 49.549 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046790.D
Acq: 20 Jun 2025 18:00

Tgt Ion: 95 Resp: 142295
Ion Ratio Lower Upper
95 100
174 75.4 0.0 150.4
176 71.9 0.0 145.0





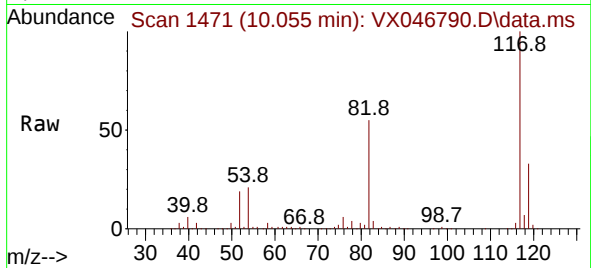
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046790.D
Acq: 20 Jun 2025 18:00

Instrument :

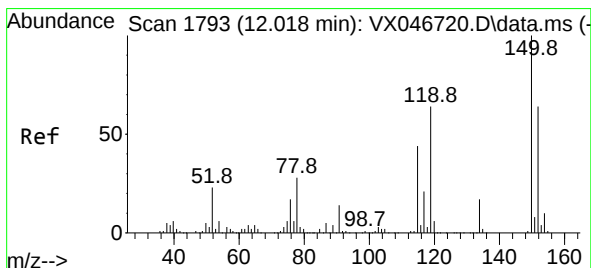
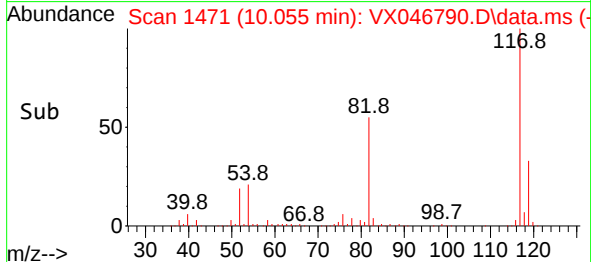
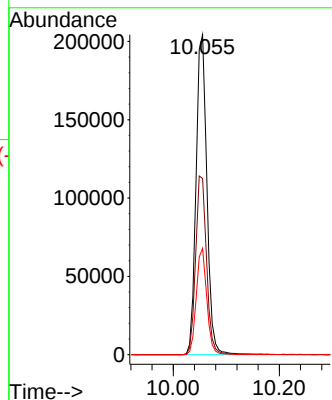
MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAGEMENT

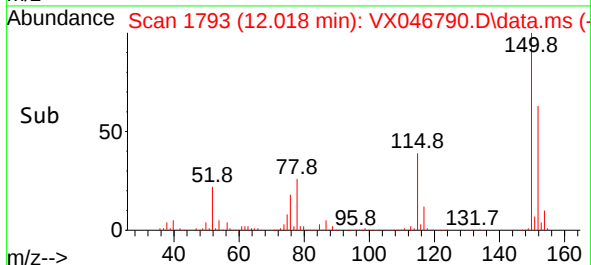
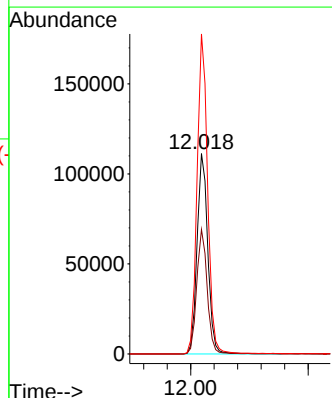
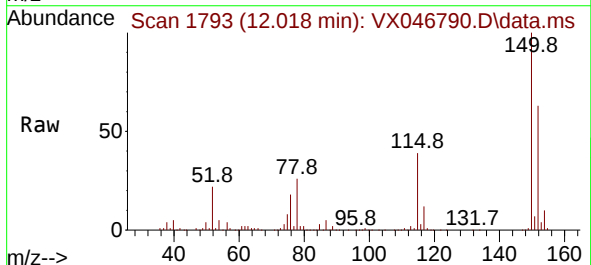


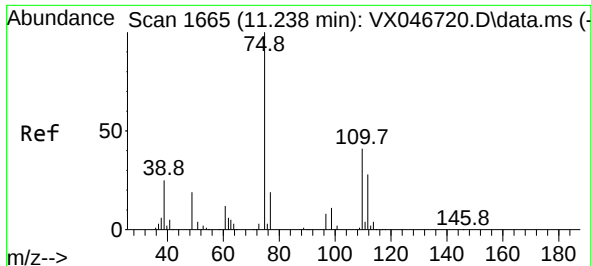
Tgt Ion:117 Resp: 289455
Ion Ratio Lower Upper
117 100
82 55.0 44.6 66.8
119 33.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046790.D
Acq: 20 Jun 2025 18:00

Tgt Ion:152 Resp: 141120
Ion Ratio Lower Upper
152 100
115 60.6 43.2 129.6
150 156.7 0.0 346.8

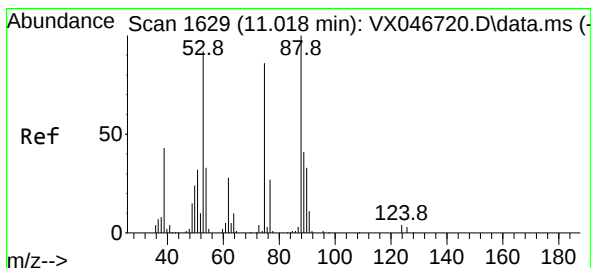
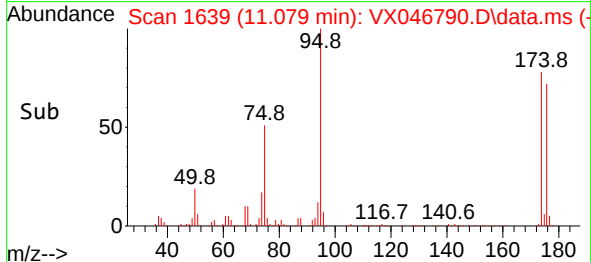
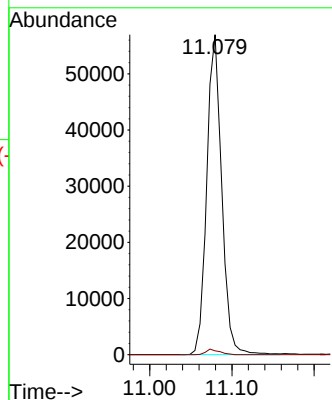
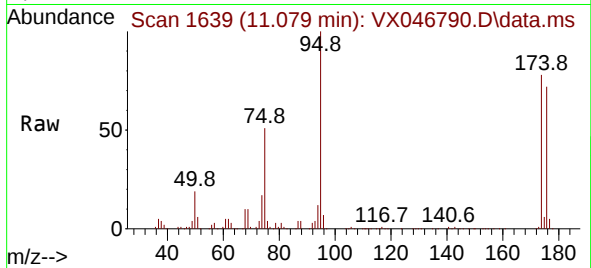




#76
1,2,3-Trichloropropane
Concen: 27.814 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046790.D
Acq: 20 Jun 2025 18:00

Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-SAMPLE-MANAGEMENT

Tgt Ion: 75 Resp: 71889
Ion Ratio Lower Upper
75 100
77 1.5 18.5 55.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.618 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046790.D
Acq: 20 Jun 2025 18:00

Tgt Ion: 75 Resp: 71889
Ion Ratio Lower Upper
75 100
53 0.0 86.8 130.2#
89 0.0 36.9 55.3#

