

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
 Data File : VX048027.D
 Acq On : 06 Oct 2025 16:12
 Operator : JC/MD
 Sample : Q3202-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SY-5

Quant Time: Oct 07 02:17:33 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)

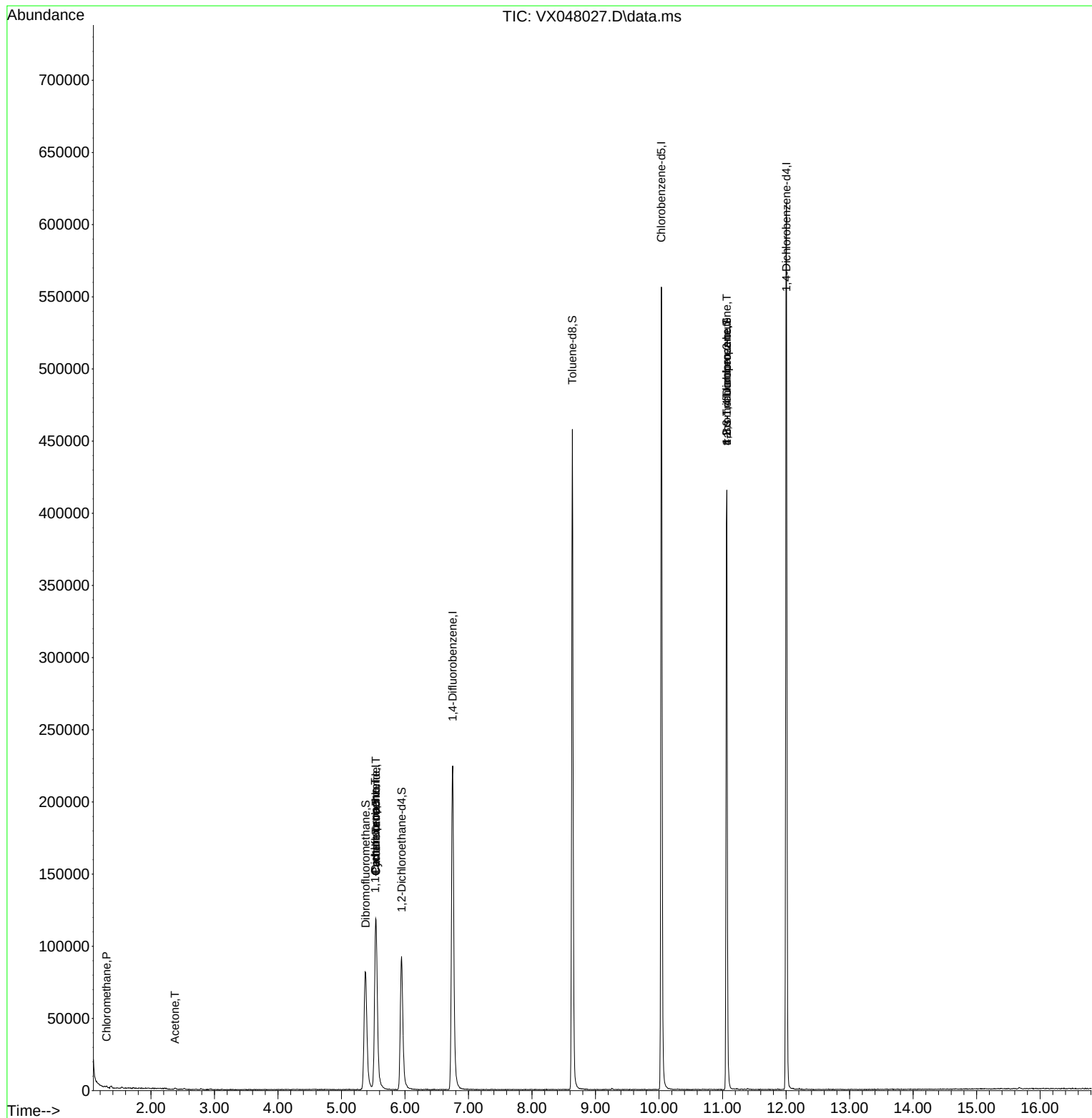
Internal Standards						
1) Pentafluorobenzene	5.538	168	119710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	246037	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	256820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	131834	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	100626	52.809	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.620%	
35) Dibromofluoromethane	5.379	113	82014	49.704	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.400%	
50) Toluene-d8	8.635	98	272664	47.756	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.520%	
62) 4-Bromofluorobenzene	11.067	95	121370	56.012	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.020%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	754	0.463	ug/l #	76
16) Acetone	2.380	43	1213	1.464	ug/l	96
31) Cyclohexane	5.544	56	2785	1.106	ug/l #	1
36) 1,1-Dichloropropene	5.532	75	10167	4.217	ug/l #	48
38) Carbon Tetrachloride	5.544	117	12638	4.824	ug/l #	19
76) 1,2,3-Trichloropropane	11.067	75	63806	23.904	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.067	75	63806	60.959	ug/l #	8

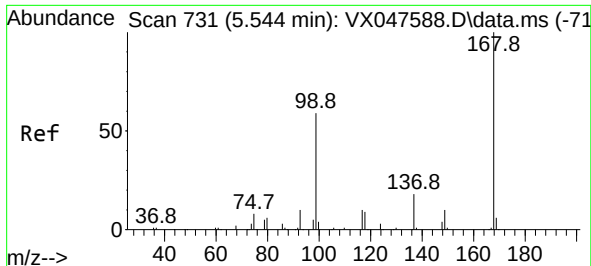
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

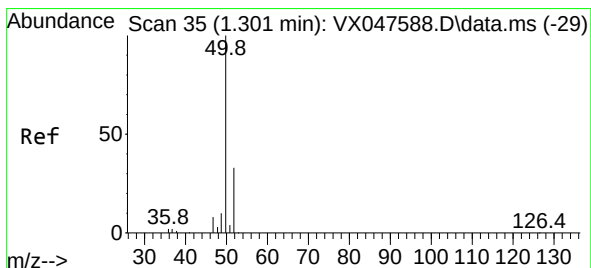
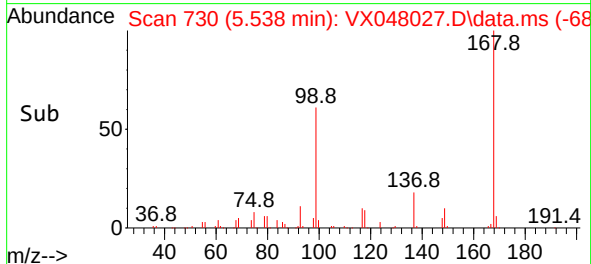
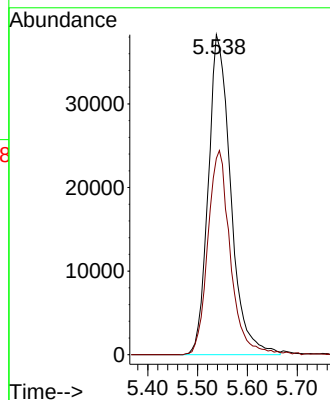
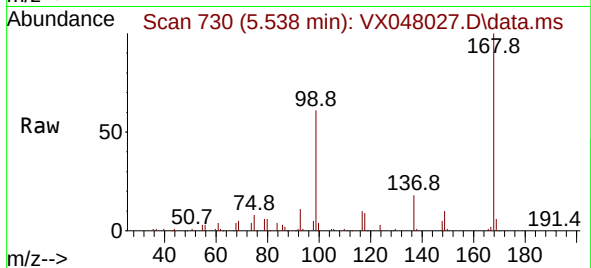




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048027.D
Acq: 06 Oct 2025 16:12

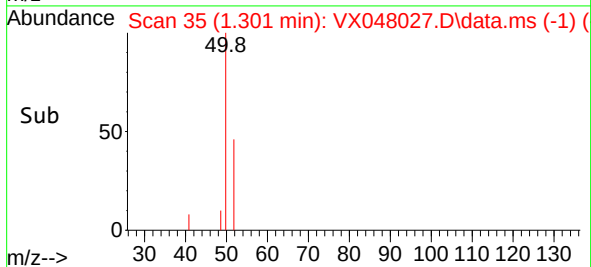
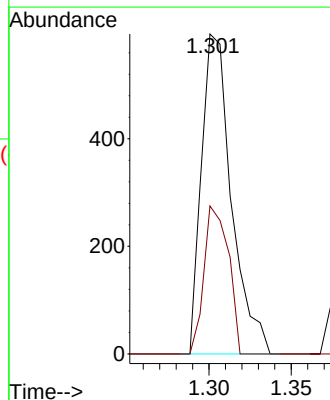
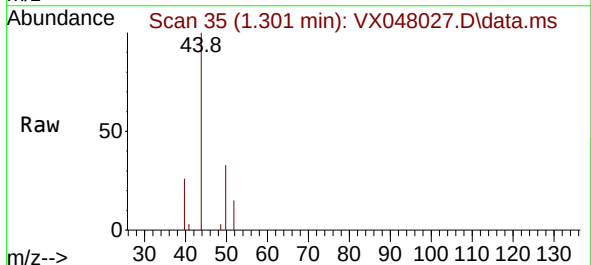
Instrument :
MSVOA_X
ClientSampleId :
SY-5

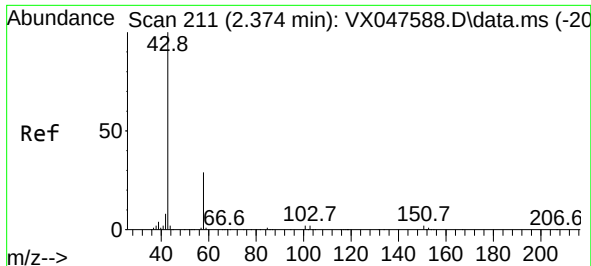
Tgt Ion:168 Resp: 119710
Ion Ratio Lower Upper
168 100
99 61.4 48.8 73.2



#3
Chloromethane
Concen: 0.463 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048027.D
Acq: 06 Oct 2025 16:12

Tgt Ion: 50 Resp: 754
Ion Ratio Lower Upper
50 100
52 46.2 26.1 39.1#

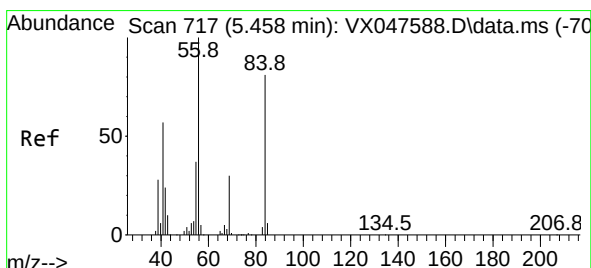
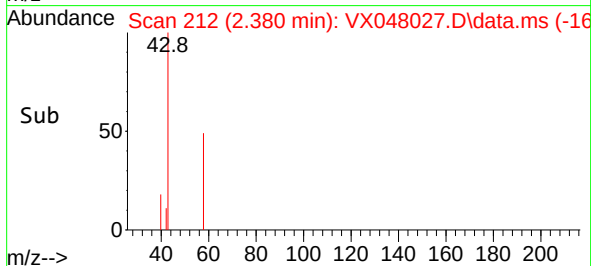
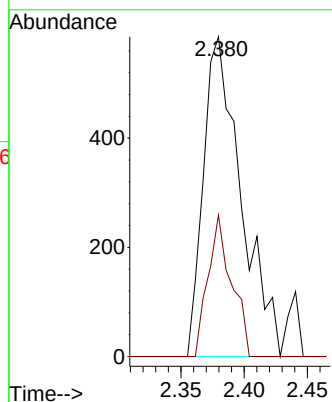
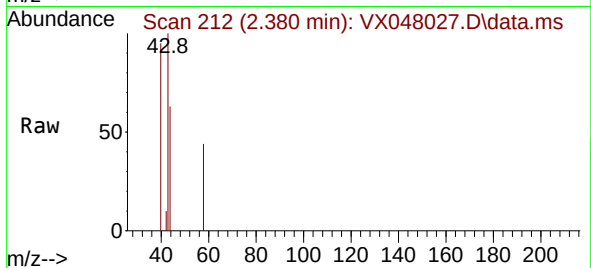




#16
Acetone
Concen: 1.464 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX048027.D
Acq: 06 Oct 2025 16:12

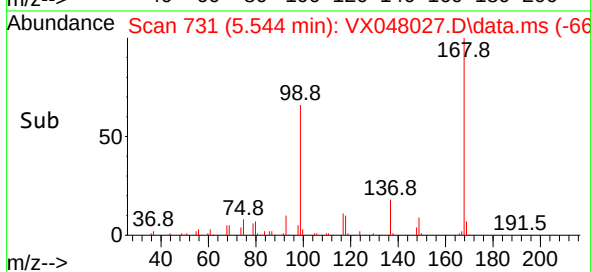
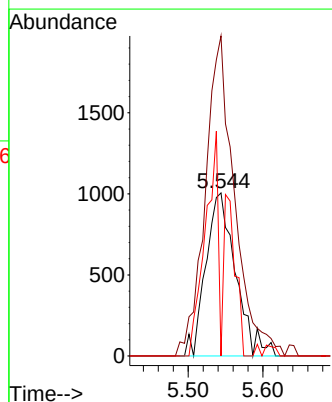
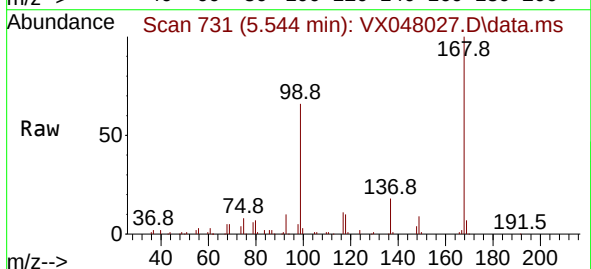
Instrument :
MSVOA_X
ClientSampleId :
SY-5

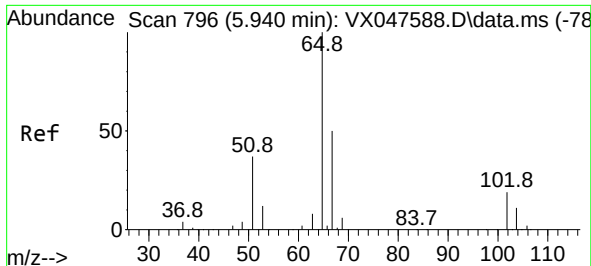
Tgt Ion: 43 Resp: 1213
Ion Ratio Lower Upper
43 100
58 27.1 23.4 35.0



#31
Cyclohexane
Concen: 1.106 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.085 min
Lab File: VX048027.D
Acq: 06 Oct 2025 16:12

Tgt Ion: 56 Resp: 2785
Ion Ratio Lower Upper
56 100
69 190.3 23.8 35.8#
84 0.0 64.6 97.0#





#33

1,2-Dichloroethane-d4

Concen: 52.809 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048027.D

Acq: 06 Oct 2025 16:12

Instrument :

MSVOA_X

ClientSampleId :

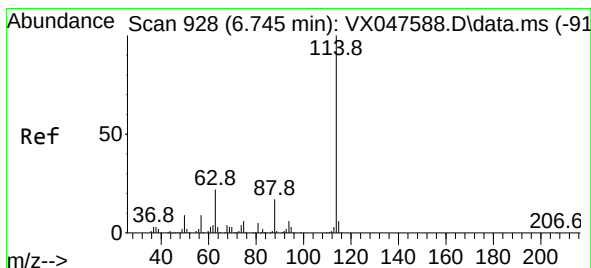
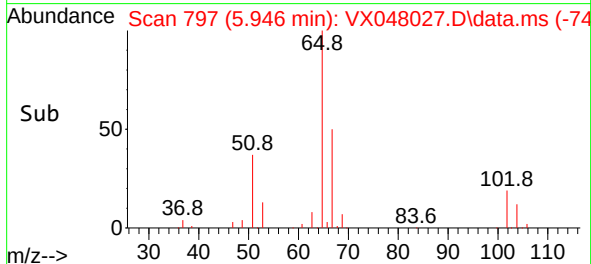
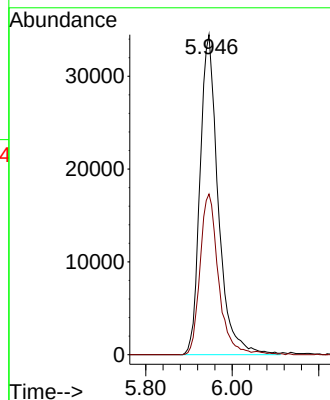
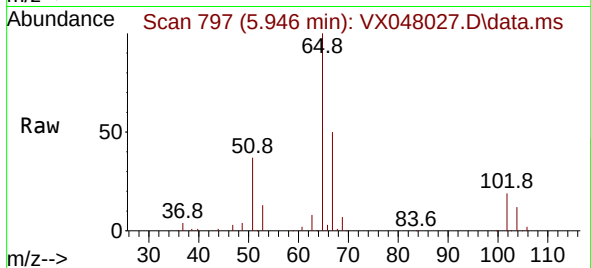
SY-5

Tgt Ion: 65 Resp: 100626

Ion Ratio Lower Upper

65 100

67 50.3 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: VX048027.D

Acq: 06 Oct 2025 16:12

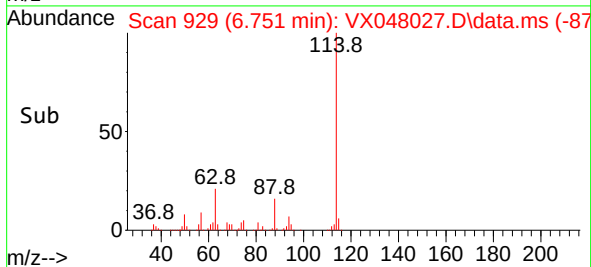
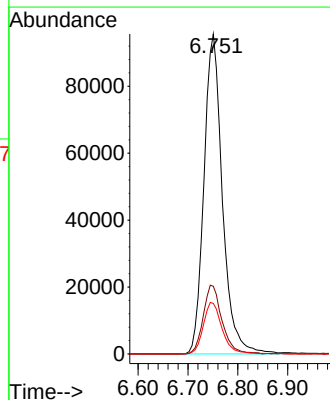
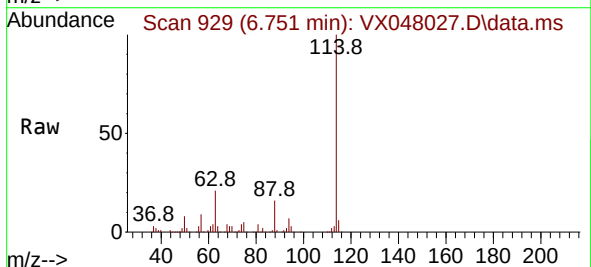
Tgt Ion: 114 Resp: 246037

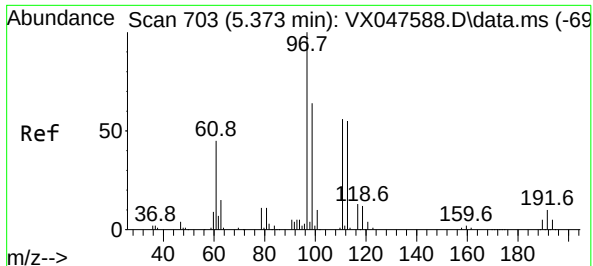
Ion Ratio Lower Upper

114 100

63 21.2 0.0 44.0

88 15.8 0.0 34.2

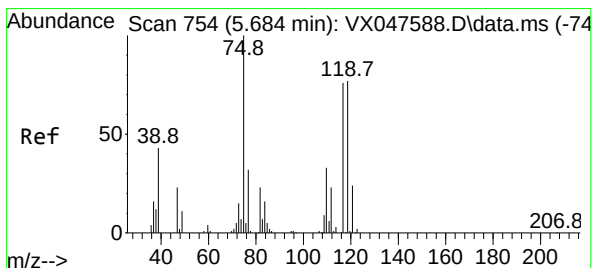
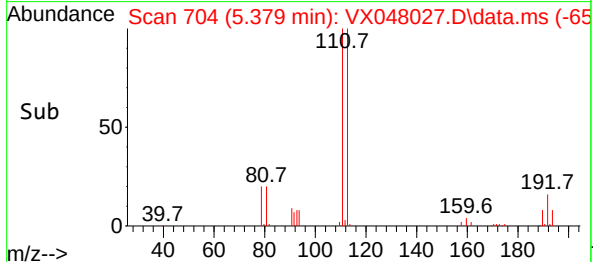
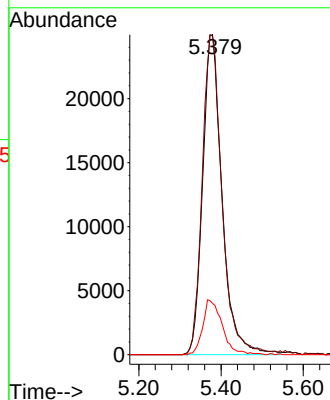
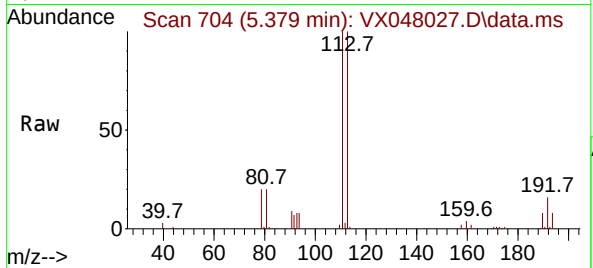




#35
Dibromofluoromethane
Concen: 49.704 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX048027.D
Acq: 06 Oct 2025 16:12

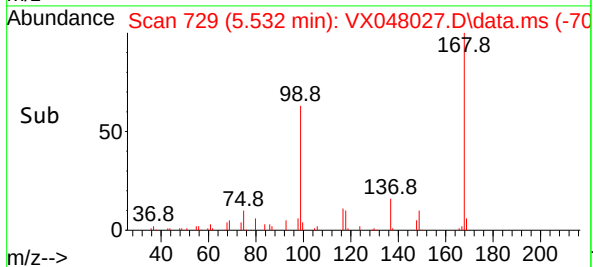
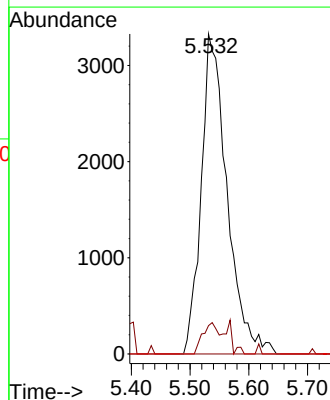
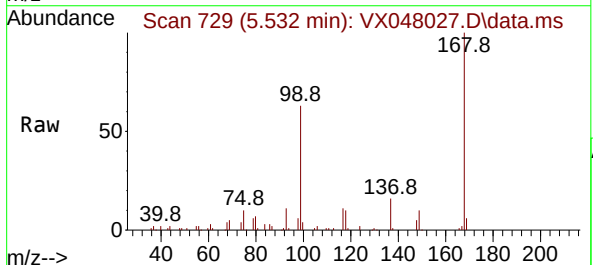
Instrument :
MSVOA_X
ClientSampleId :
SY-5

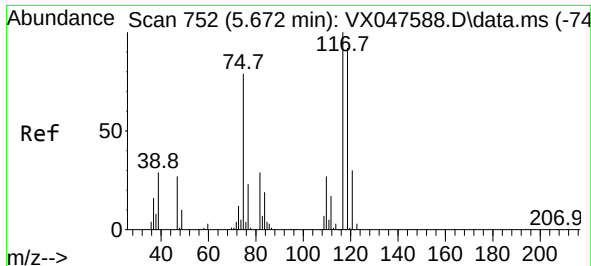
Tgt Ion:113 Resp: 82014
Ion Ratio Lower Upper
113 100
111 101.9 80.9 121.3
192 17.2 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.217 ug/l
RT: 5.532 min Scan# 729
Delta R.T. -0.152 min
Lab File: VX048027.D
Acq: 06 Oct 2025 16:12

Tgt Ion: 75 Resp: 10167
Ion Ratio Lower Upper
75 100
110 5.8 16.7 50.1#
77 0.0 24.3 36.5#

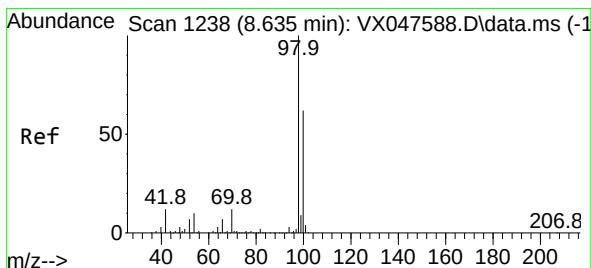
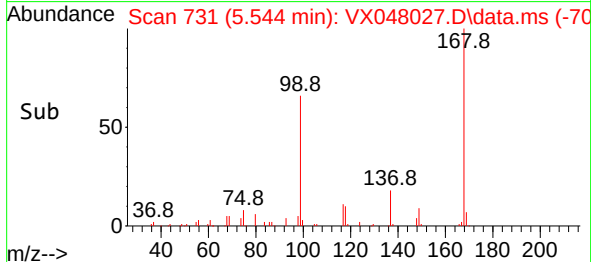
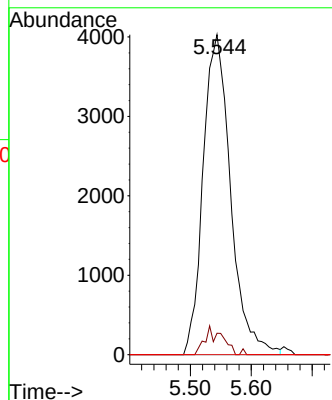
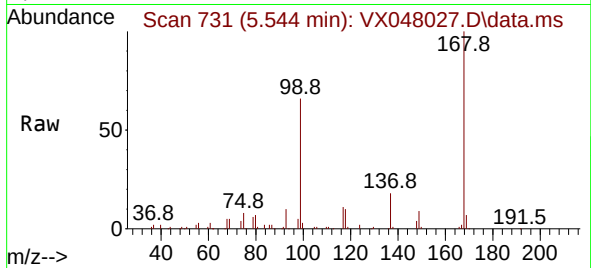




#38
Carbon Tetrachloride
Concen: 4.824 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX048027.D
Acq: 06 Oct 2025 16:12

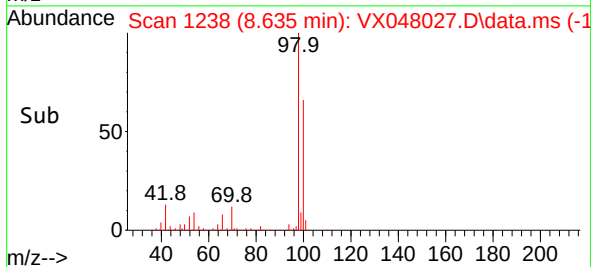
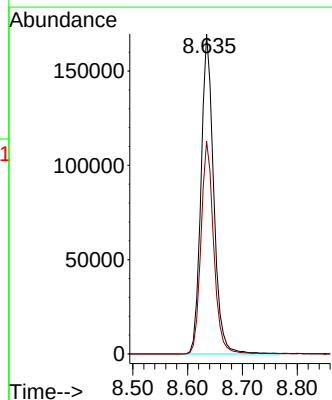
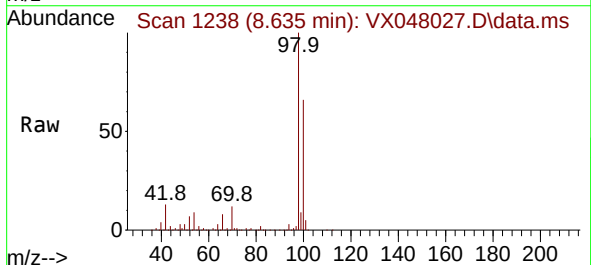
Instrument :
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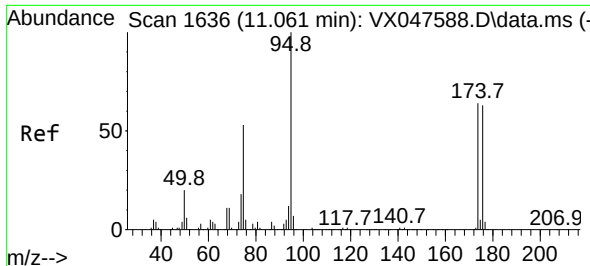
Tgt Ion:117 Resp: 12638
Ion Ratio Lower Upper
117 100
119 6.7 73.4 110.2#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 47.756 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048027.D
Acq: 06 Oct 2025 16:12

Tgt Ion: 98 Resp: 272664
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4

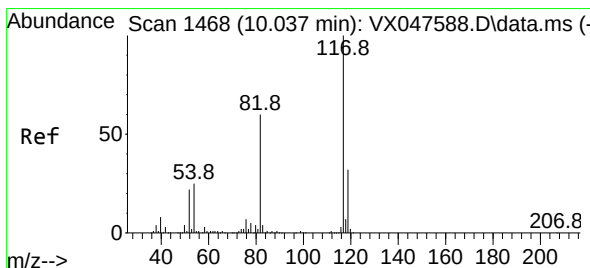
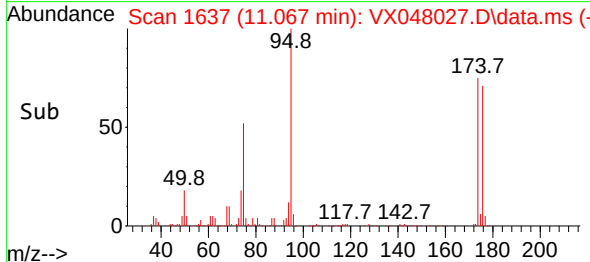
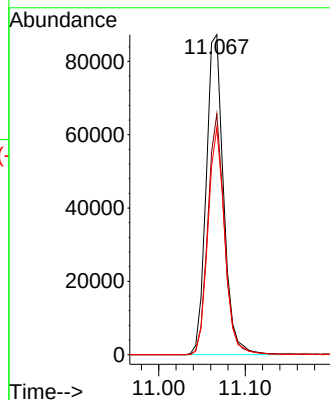
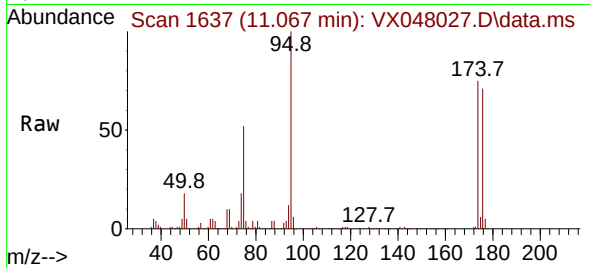




#62
4-Bromofluorobenzene
Concen: 56.012 ug/l
RT: 11.067 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048027.D
Acq: 06 Oct 2025 16:12

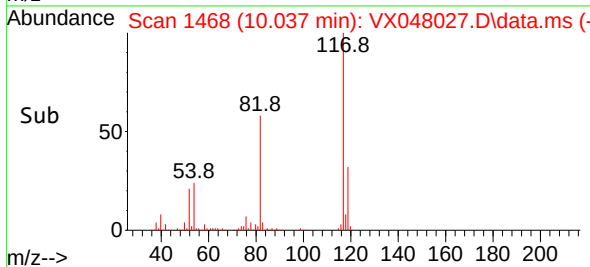
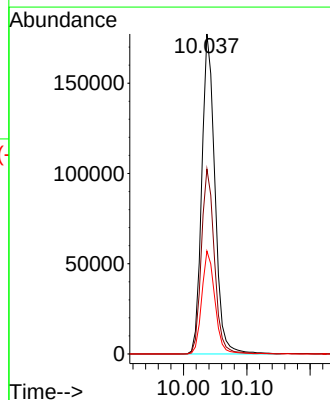
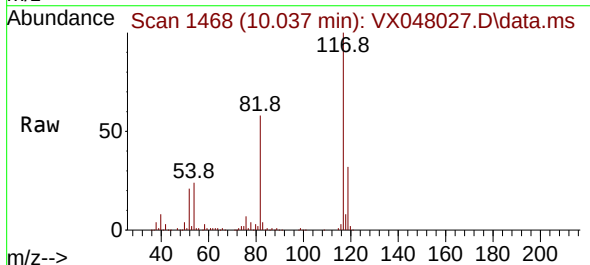
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ClientSampleId :
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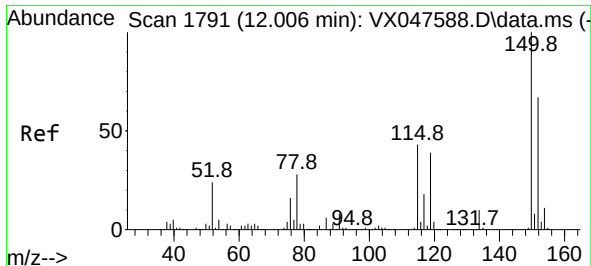
Tgt Ion: 95 Resp: 121370
Ion Ratio Lower Upper
95 100
174 72.3 0.0 141.6
176 68.8 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048027.D
Acq: 06 Oct 2025 16:12

Tgt Ion: 117 Resp: 256820
Ion Ratio Lower Upper
117 100
82 57.8 47.8 71.6
119 32.2 25.2 37.8

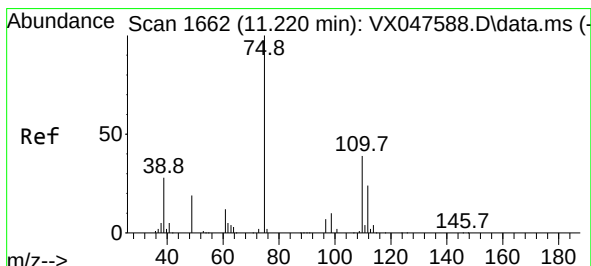
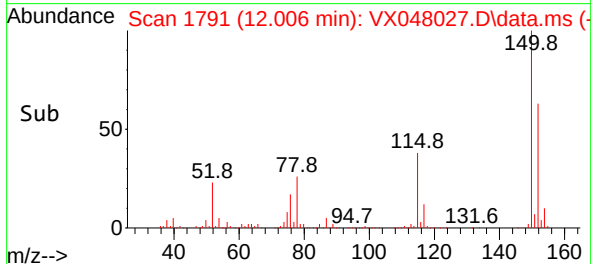
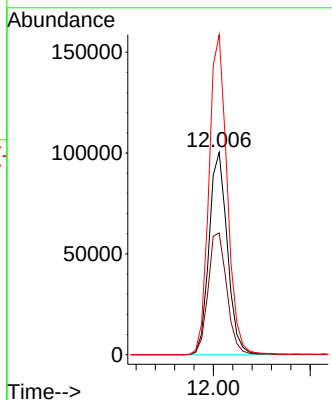
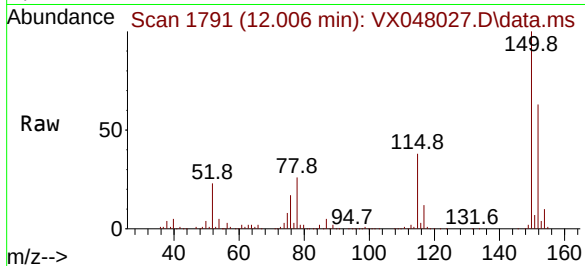




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX048027.D
 Acq: 06 Oct 2025 16:12

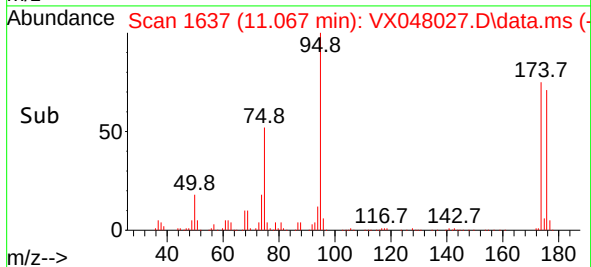
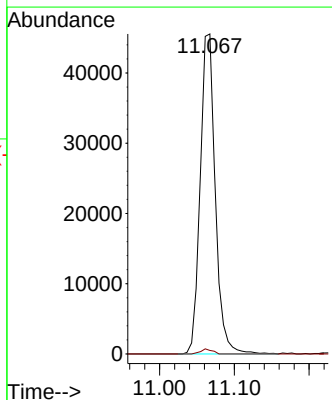
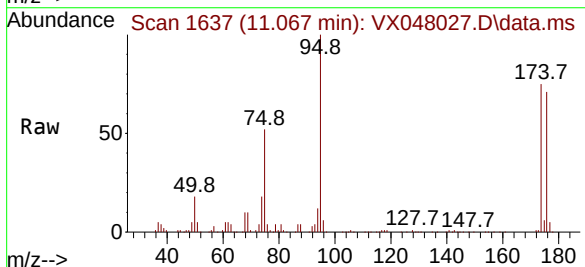
Instrument :
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 SY-5

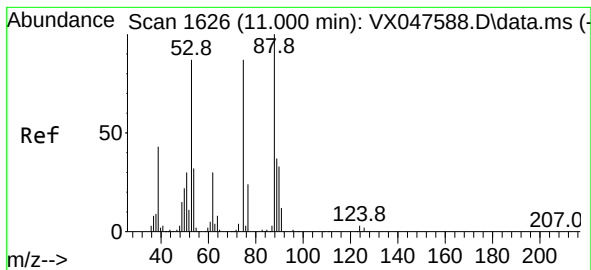
Tgt Ion:152 Resp: 131834
 Ion Ratio Lower Upper
 152 100
 115 62.2 44.9 134.5
 150 157.6 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 23.904 ug/l
 RT: 11.067 min Scan# 1637
 Delta R.T. -0.152 min
 Lab File: VX048027.D
 Acq: 06 Oct 2025 16:12

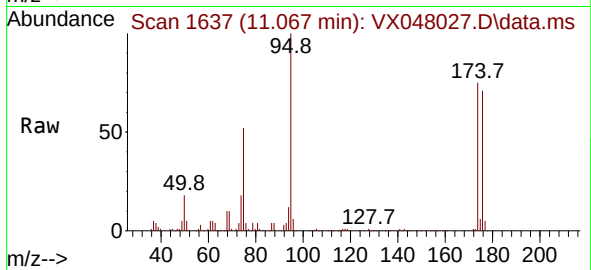
Tgt Ion: 75 Resp: 63806
 Ion Ratio Lower Upper
 75 100
 77 1.2 18.8 56.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.959 ug/l
 RT: 11.067 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX048027.D
 Acq: 06 Oct 2025 16:12

Instrument :
 MSVOA_X
 ClientSampleId :
 SY-5



Tgt Ion: 75 Resp: 63806
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.4 125.2#
 89 0.0 36.3 54.5#

