

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
 Data File : VX048276.D
 Acq On : 21 Oct 2025 17:27
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 24 04:29:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

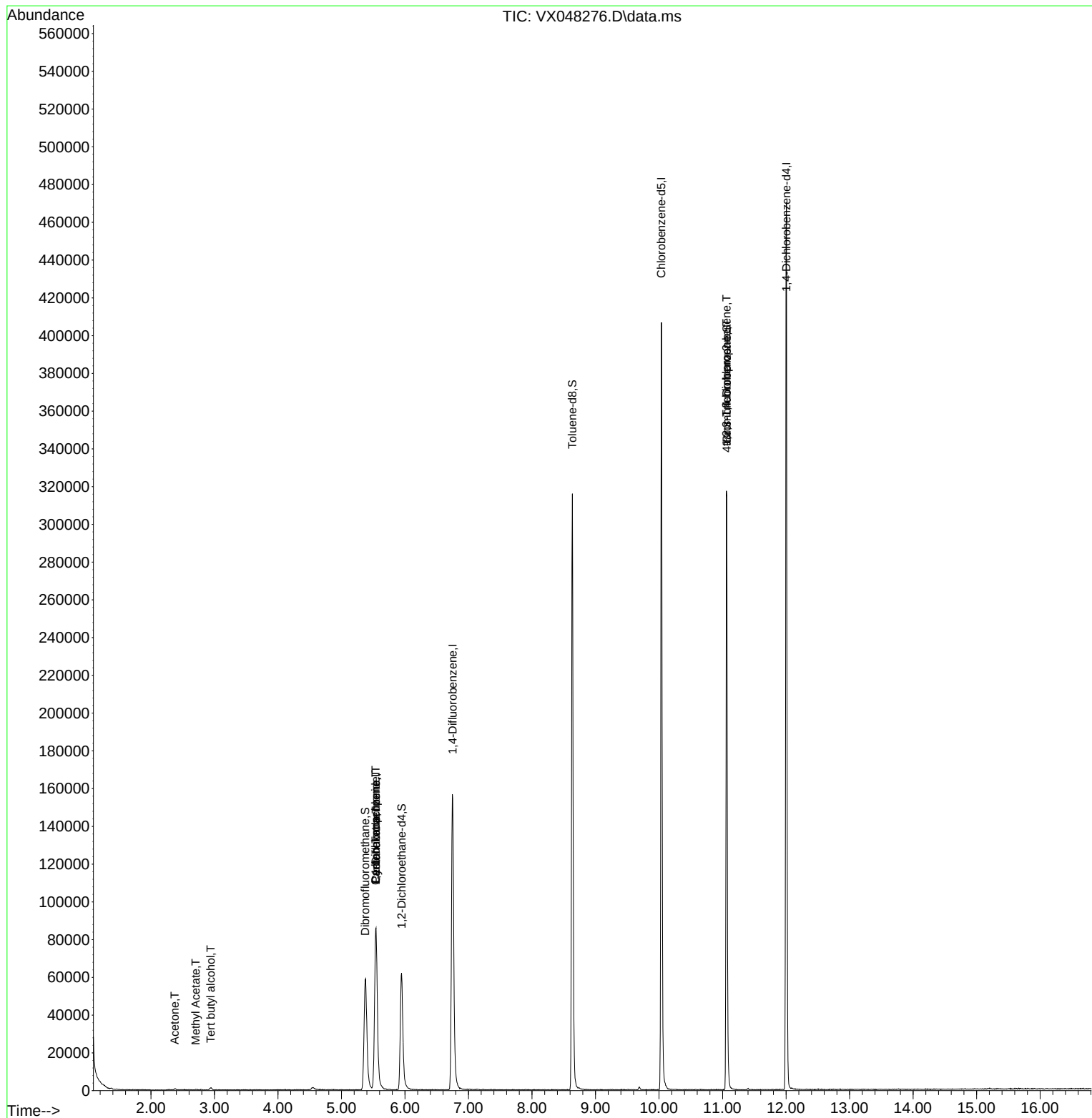
Internal Standards						
1) Pentafluorobenzene	5.544	168	89794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	176518	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	189100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	105023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	70992	56.389	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	112.780%
35) Dibromofluoromethane	5.373	113	57846	48.002	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.000%
50) Toluene-d8	8.635	98	199552	47.243	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.480%
62) 4-Bromofluorobenzene	11.067	95	92572	57.609	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	115.220%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	801	6.408	ug/l #	72
16) Acetone	2.374	43	655	1.517	ug/l #	71
18) Methyl Acetate	2.703	43	264	0.293	ug/l #	54
31) Cyclohexane	5.544	56	1753	1.122	ug/l #	26
36) 1,1-Dichloropropene	5.538	75	6987	4.079	ug/l #	49
38) Carbon Tetrachloride	5.538	117	9325	4.413	ug/l #	15
76) 1,2,3-Trichloropropane	11.061	75	46761	27.456	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.061	75	46761	66.799	ug/l #	10

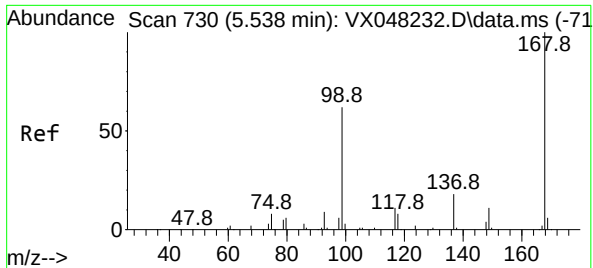
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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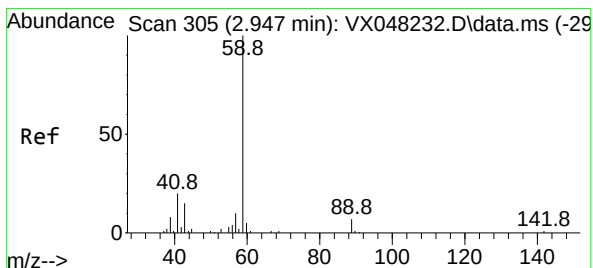
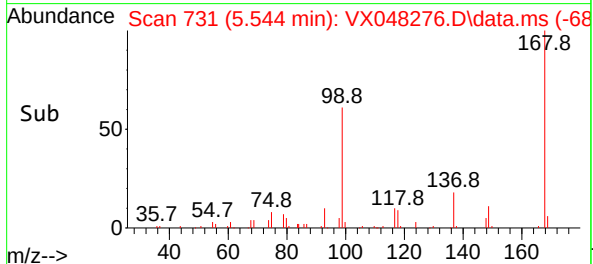
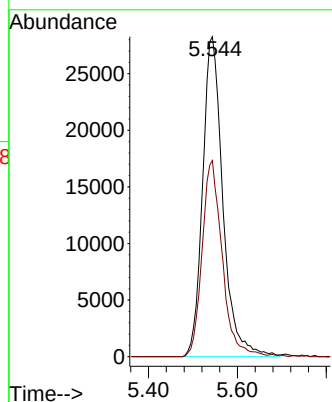
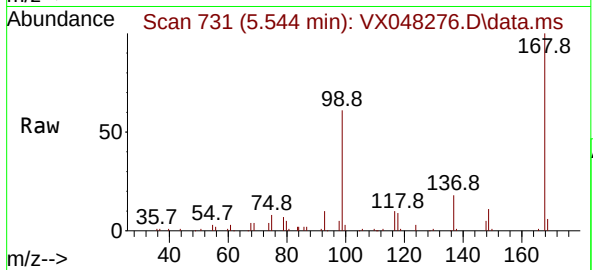




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048276.D
Acq: 21 Oct 2025 17:27

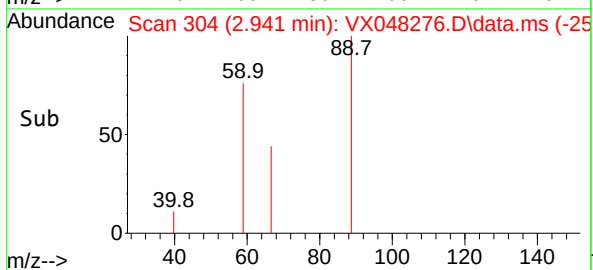
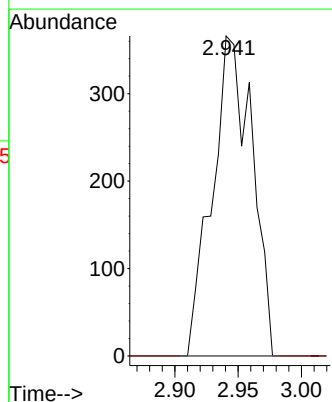
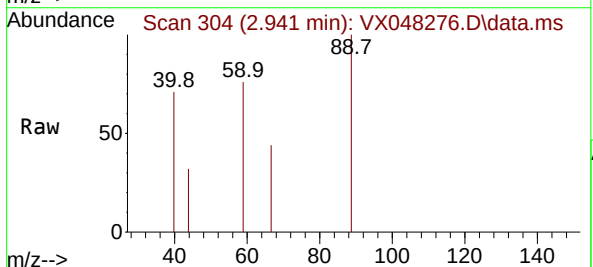
Instrument :
MSVOA_X
ClientSampleId :
IBLK

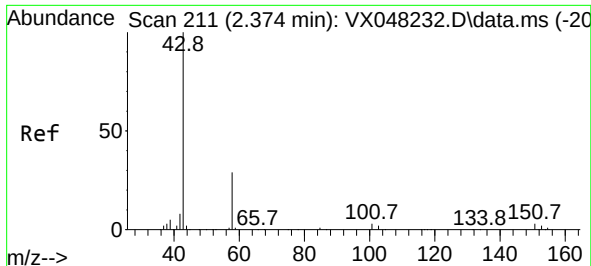
Tgt Ion:168 Resp: 89794
Ion Ratio Lower Upper
168 100
99 61.3 46.4 69.6



#11
Tert butyl alcohol
Concen: 6.408 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX048276.D
Acq: 21 Oct 2025 17:27

Tgt Ion: 59 Resp: 801
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

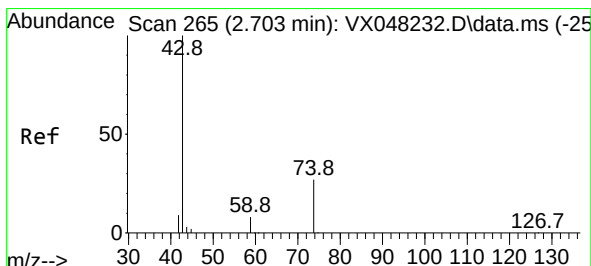
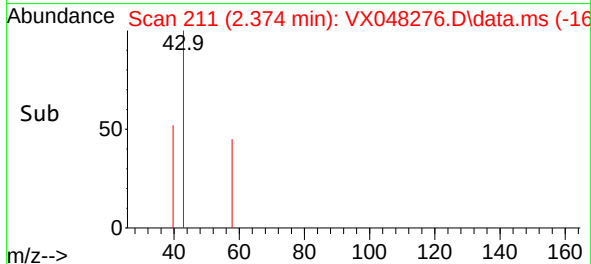
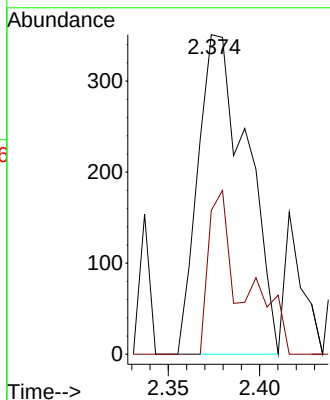
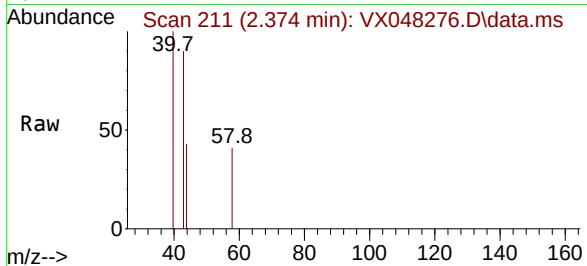




#16
Acetone
Concen: 1.517 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048276.D
Acq: 21 Oct 2025 17:27

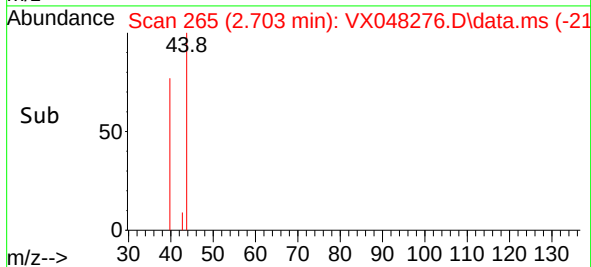
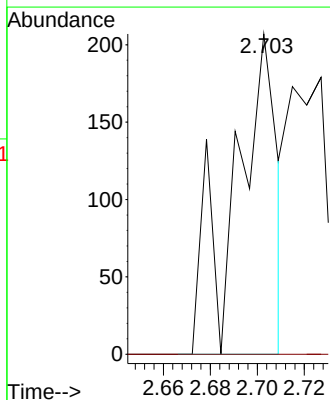
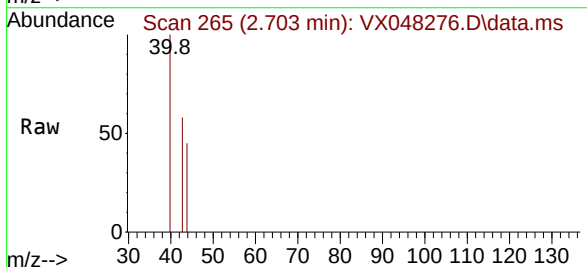
Instrument :
MSVOA_X
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IBLK

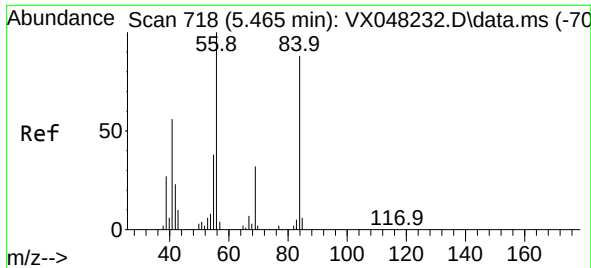
Tgt Ion: 43 Resp: 655
Ion Ratio Lower Upper
43 100
58 45.0 23.4 35.2#



#18
Methyl Acetate
Concen: 0.293 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048276.D
Acq: 21 Oct 2025 17:27

Tgt Ion: 43 Resp: 264
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#

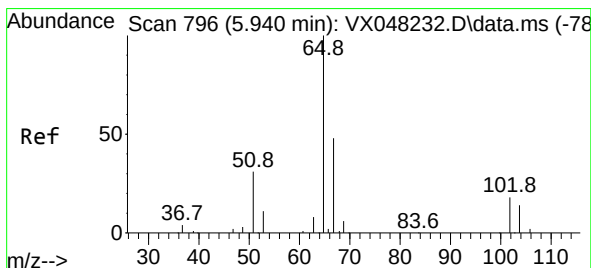
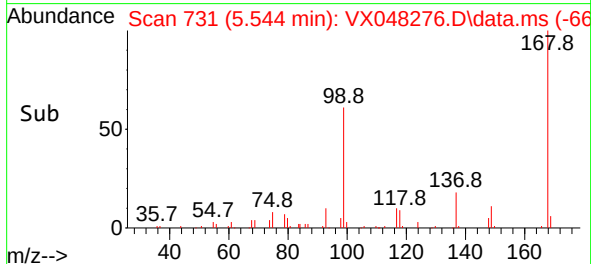
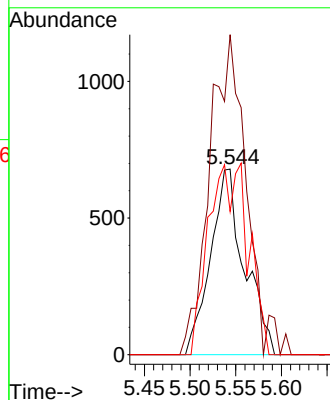
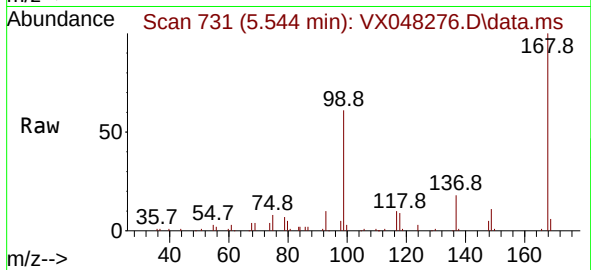




#31
Cyclohexane
Concen: 1.122 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX048276.D
Acq: 21 Oct 2025 17:27

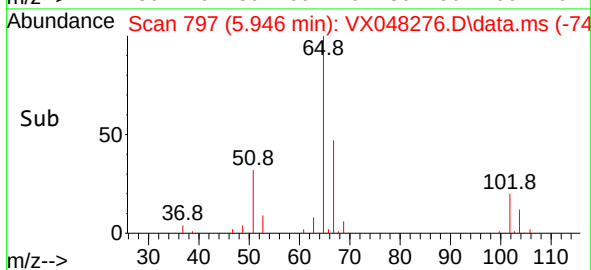
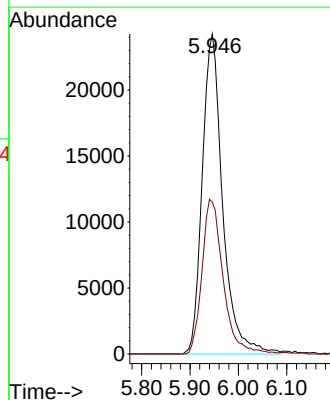
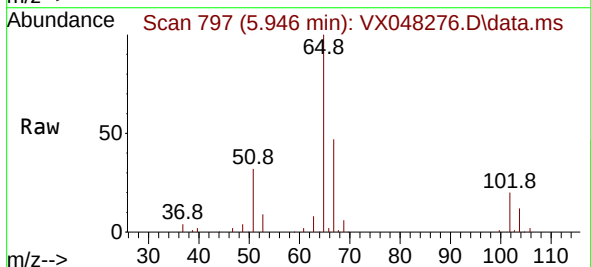
Instrument :
MSVOA_X
ClientSampleId :
IBLK

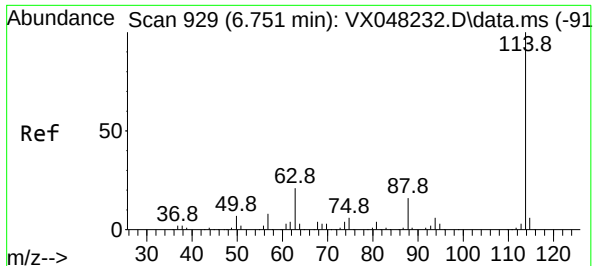
Tgt Ion: 56 Resp: 1753
Ion Ratio Lower Upper
56 100
69 172.5 23.0 34.6#
84 77.2 64.6 97.0



#33
1,2-Dichloroethane-d4
Concen: 56.389 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048276.D
Acq: 21 Oct 2025 17:27

Tgt Ion: 65 Resp: 70992
Ion Ratio Lower Upper
65 100
67 49.9 0.0 105.0

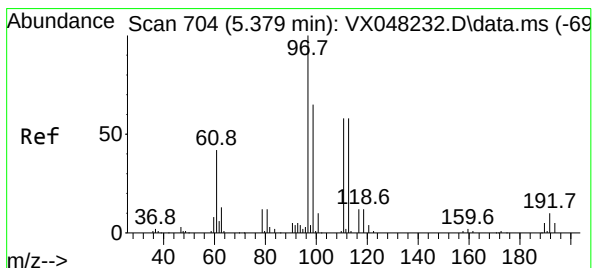
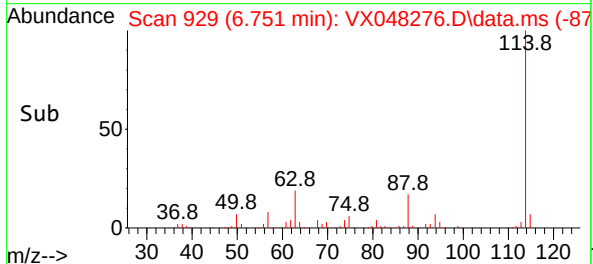
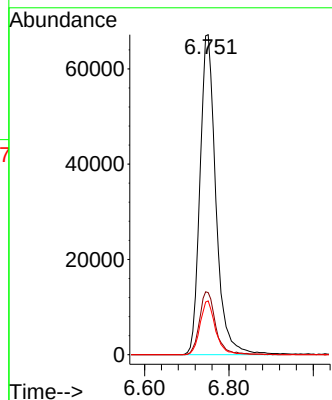
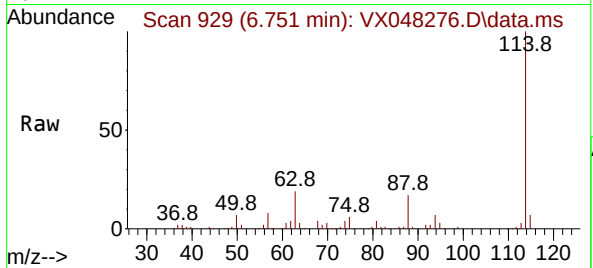




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048276.D
Acq: 21 Oct 2025 17:27

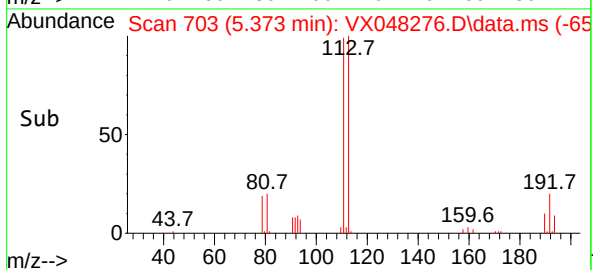
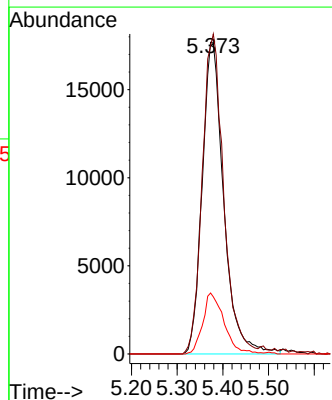
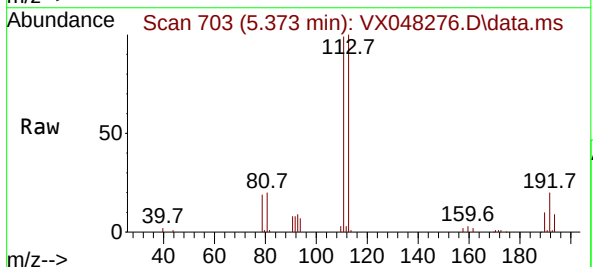
Instrument :
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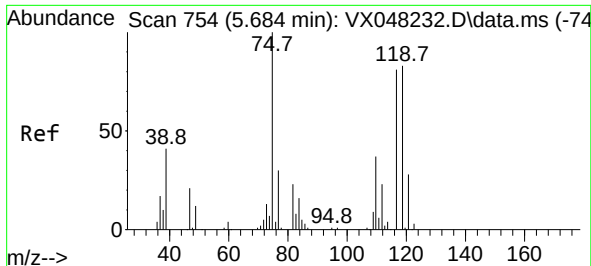
Tgt Ion:114 Resp: 176518
Ion Ratio Lower Upper
114 100
63 19.4 0.0 43.2
88 16.8 0.0 33.6



#35
Dibromofluoromethane
Concen: 48.002 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048276.D
Acq: 21 Oct 2025 17:27

Tgt Ion:113 Resp: 57846
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 19.4 15.1 22.7

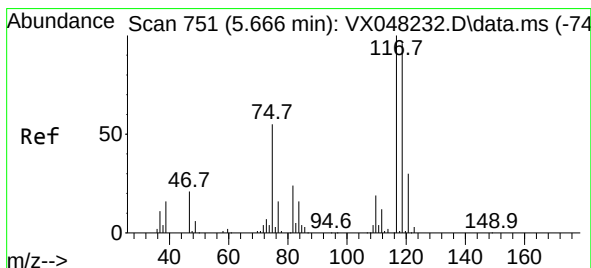
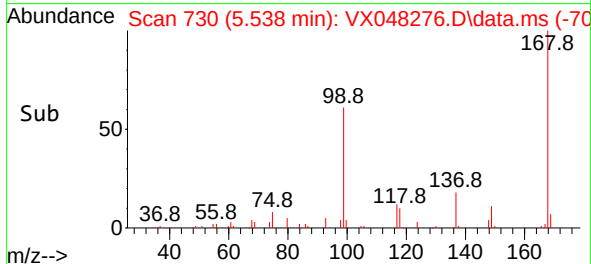
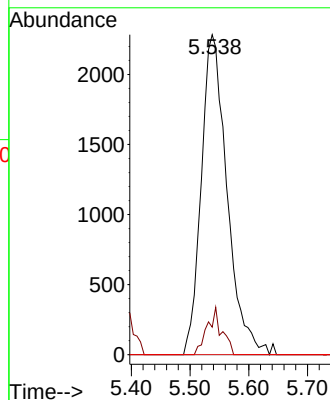
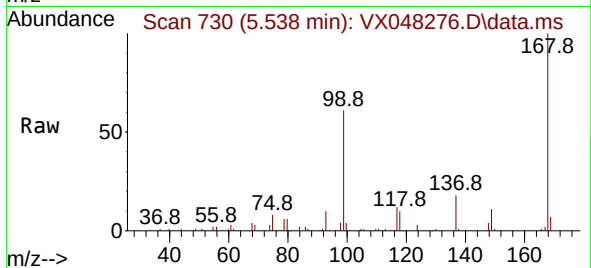




#36
1,1-Dichloropropene
Concen: 4.079 ug/l
RT: 5.538 min Scan# 710
Delta R.T. -0.146 min
Lab File: VX048276.D
Acq: 21 Oct 2025 17:27

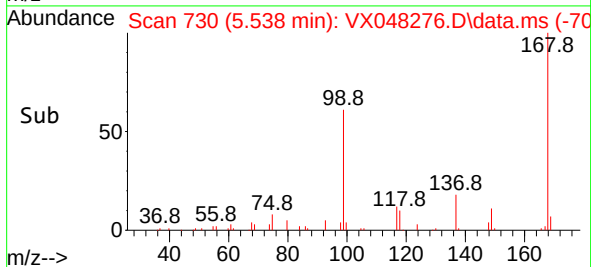
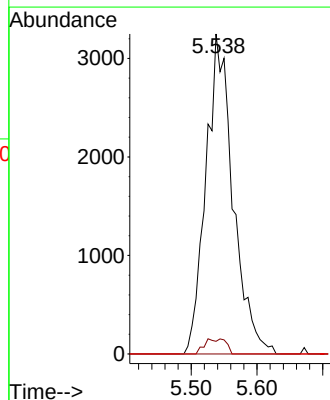
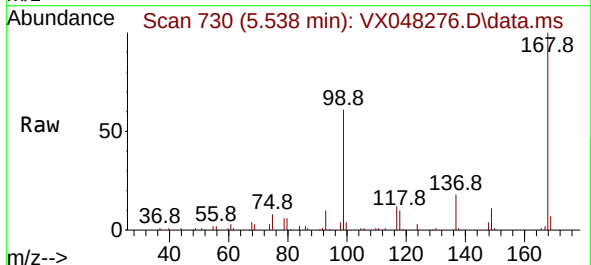
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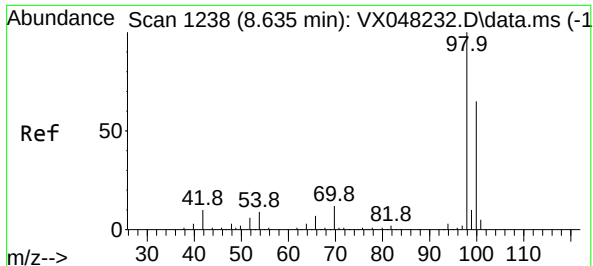
Tgt Ion: 75 Resp: 6987
Ion Ratio Lower Upper
75 100
110 8.4 17.7 53.1#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 4.413 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.128 min
Lab File: VX048276.D
Acq: 21 Oct 2025 17:27

Tgt Ion: 117 Resp: 9325
Ion Ratio Lower Upper
117 100
119 3.9 77.2 115.8#
121 0.0 24.8 37.2#

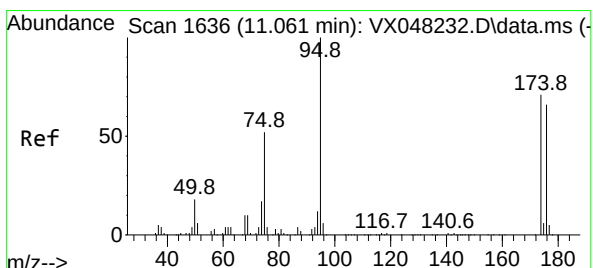
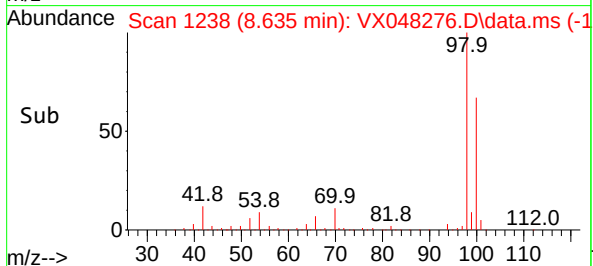
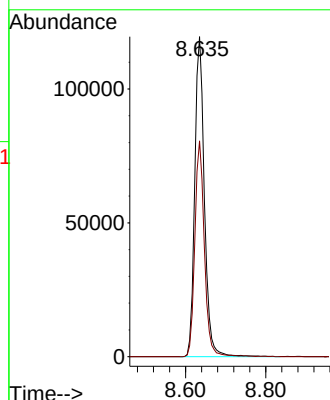
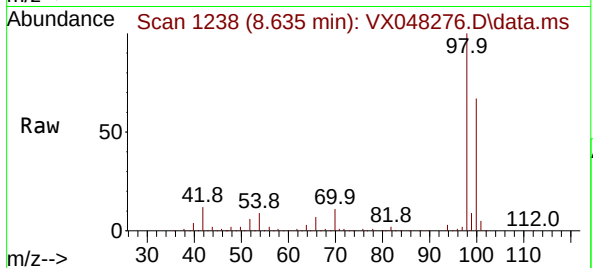




#50
Toluene-d8
Concen: 47.243 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048276.D
Acq: 21 Oct 2025 17:27

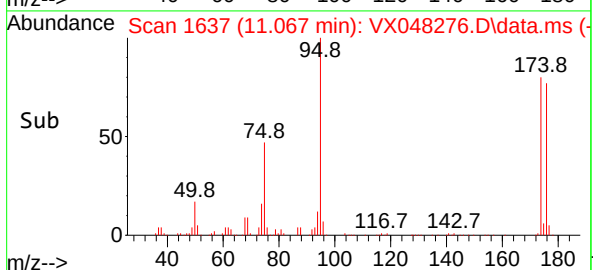
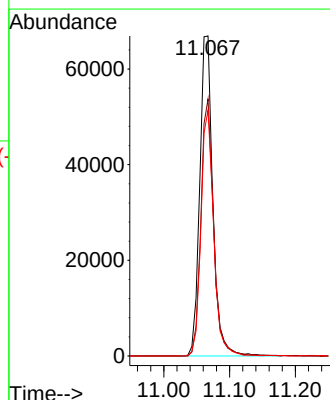
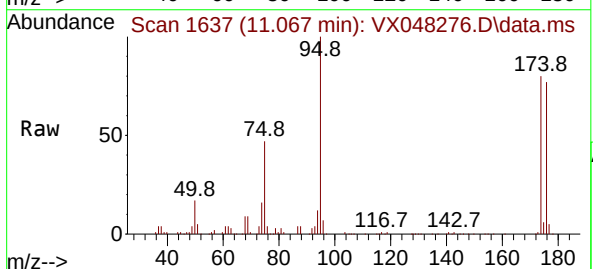
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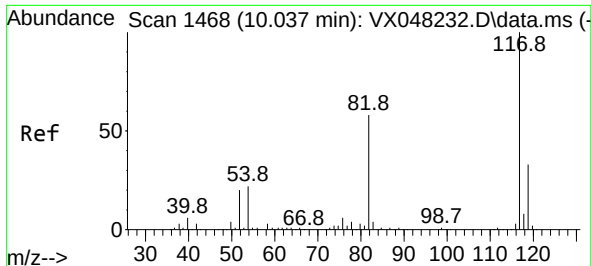
Tgt Ion: 98 Resp: 199552
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 57.609 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048276.D
Acq: 21 Oct 2025 17:27

Tgt Ion: 95 Resp: 92572
Ion Ratio Lower Upper
95 100
174 78.3 0.0 147.8
176 74.4 0.0 142.8

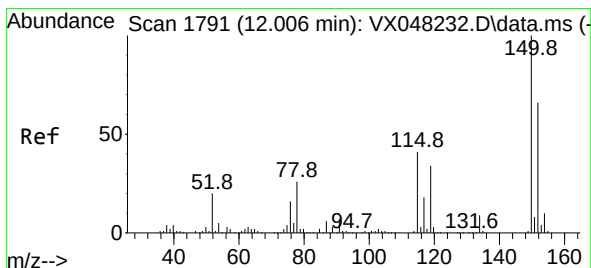
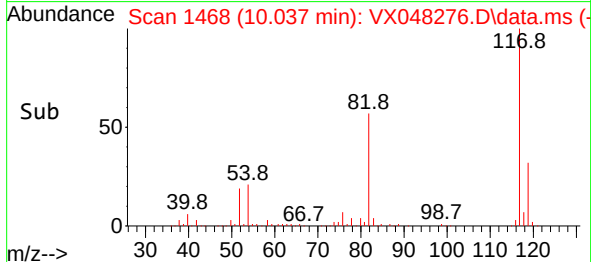
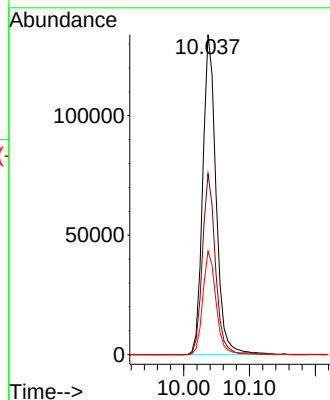
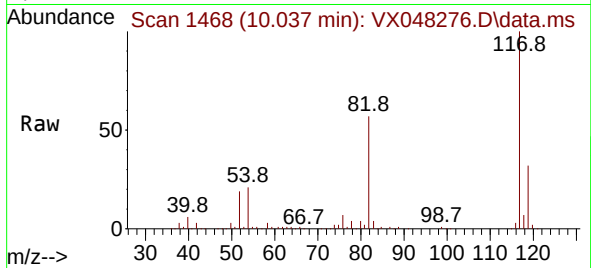




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048276.D
Acq: 21 Oct 2025 17:27

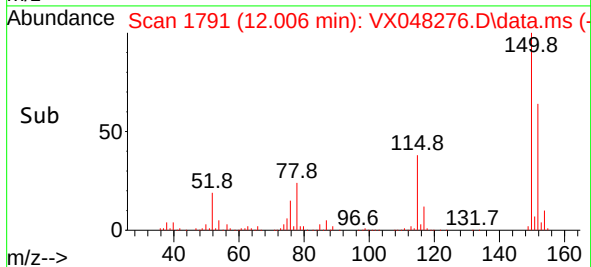
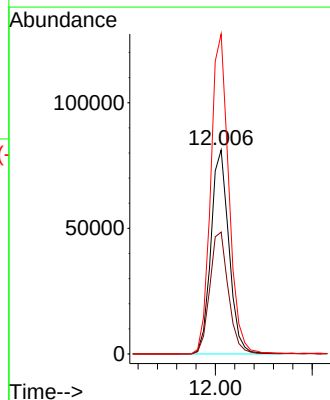
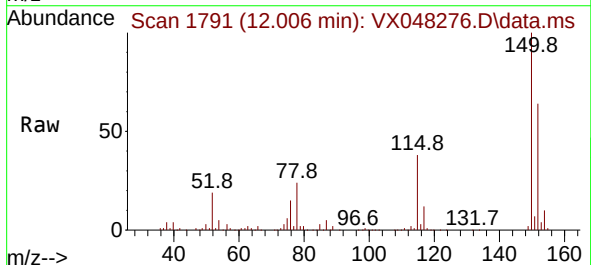
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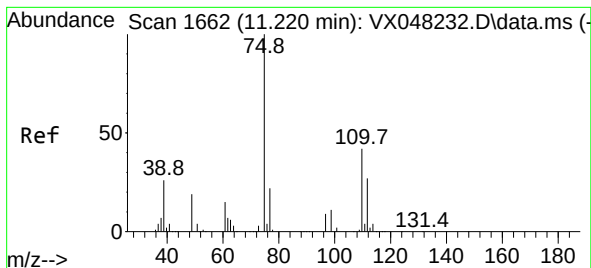
Tgt Ion:117 Resp: 189100
Ion Ratio Lower Upper
117 100
82 56.5 46.5 69.7
119 32.4 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048276.D
Acq: 21 Oct 2025 17:27

Tgt Ion:152 Resp: 105023
Ion Ratio Lower Upper
152 100
115 61.9 43.1 129.4
150 157.6 0.0 353.0





#76

1,2,3-Trichloropropane

Concen: 27.456 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.159 min

Lab File: VX048276.D

Acq: 21 Oct 2025 17:27

Instrument :

MSVOA_X

ClientSampleId :

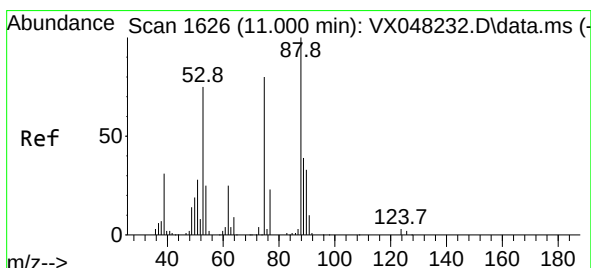
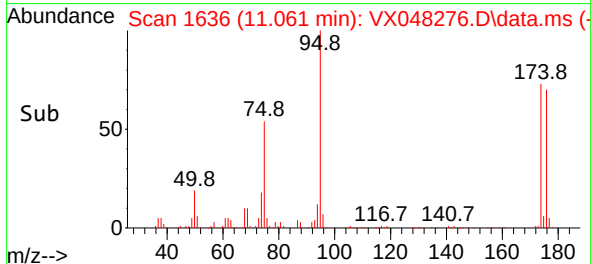
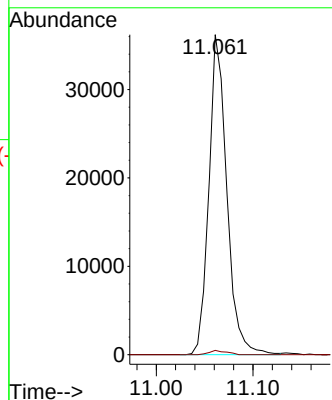
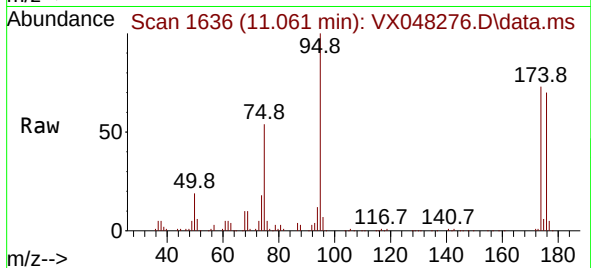
IBLK

Tgt Ion: 75 Resp: 46761

Ion Ratio Lower Upper

75 100

77 1.3 22.4 67.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 66.799 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. 0.061 min

Lab File: VX048276.D

Acq: 21 Oct 2025 17:27

Tgt Ion: 75 Resp: 46761

Ion Ratio Lower Upper

75 100

53 0.0 79.5 119.3#

89 0.0 36.8 55.2#

