

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
 Data File : VX045669.D
 Acq On : 09 Apr 2025 12:38
 Operator : JC/MD
 Sample : Q1739-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-LIQUID-20250404

Quant Time: Apr 10 01:34:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

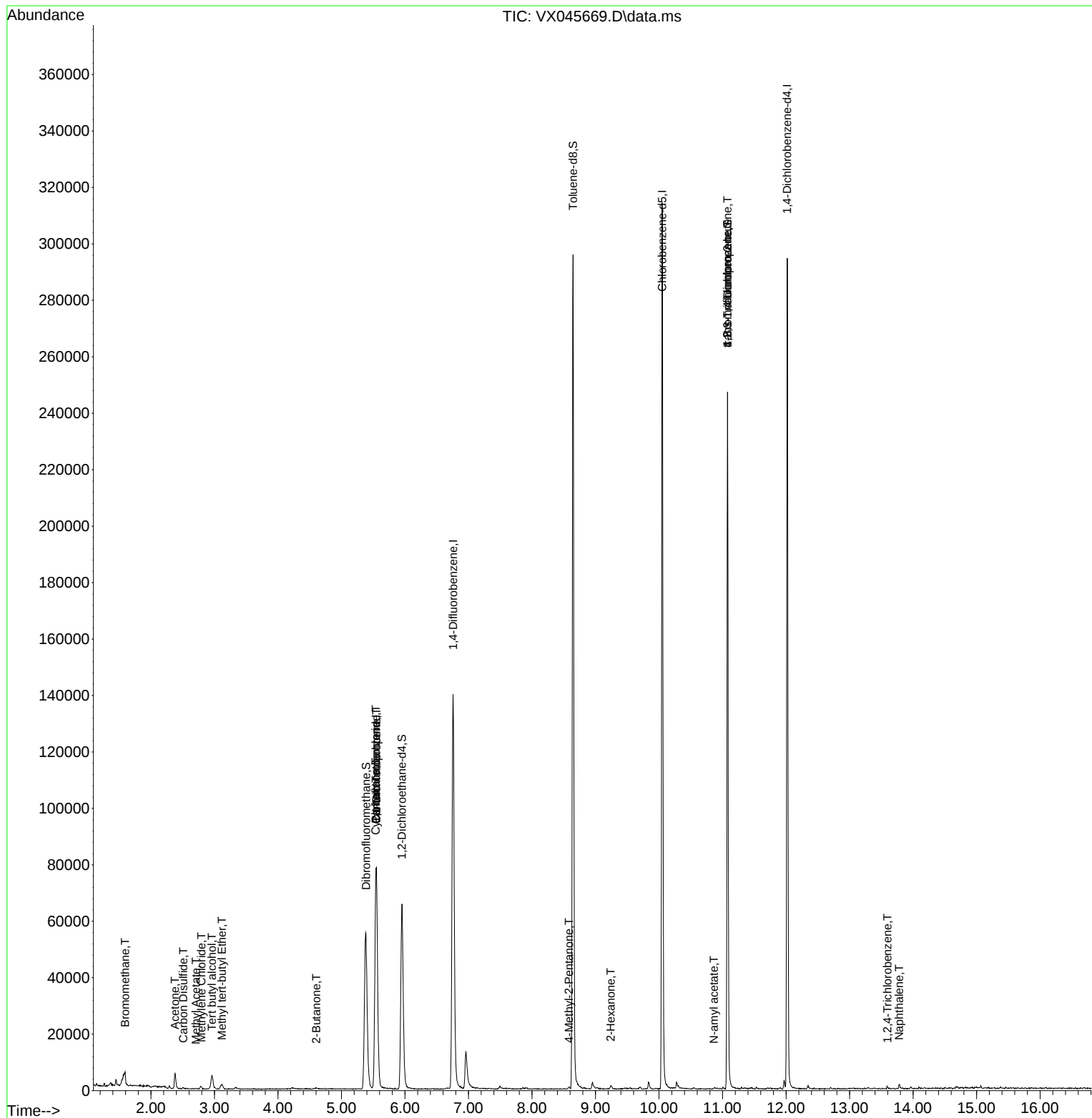
Internal Standards						
1) Pentafluorobenzene	5.544	168	67364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	135780	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	125711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54281	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67334	54.658	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.320%	
35) Dibromofluoromethane	5.385	113	48713	50.566	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.140%	
50) Toluene-d8	8.647	98	170237	50.628	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.260%	
62) 4-Bromofluorobenzene	11.079	95	63869	52.147	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.300%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	98	0.218	ug/l #	3
11) Tert butyl alcohol	2.959	59	5035	30.412	ug/l	99
16) Acetone	2.380	43	6078	12.015	ug/l	90
17) Carbon Disulfide	2.508	76	544	0.272	ug/l #	76
18) Methyl Acetate	2.709	43	294	0.252	ug/l #	54
19) Methyl tert-butyl Ether	3.117	73	1832	0.648	ug/l	97
20) Methylene Chloride	2.794	84	404	0.427	ug/l #	70
25) 2-Butanone	4.605	43	829	1.120	ug/l #	52
31) Cyclohexane	5.538	56	2173	1.438	ug/l #	31
36) 1,1-Dichloropropene	5.550	75	6884	5.292	ug/l #	50
38) Carbon Tetrachloride	5.544	117	8042	5.721	ug/l #	14
51) 4-Methyl-2-Pentanone	8.580	43	581	0.353	ug/l #	74
59) 2-Hexanone	9.238	43	844	0.692	ug/l	71
74) N-amyl acetate	10.866	43	534	0.257	ug/l #	49
76) 1,2,3-Trichloropropane	11.079	75	37114	28.031	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	37114	95.133	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.597	180	306	0.302	ug/l	68
95) Naphthalene	13.780	128	1647	0.437	ug/l #	87

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

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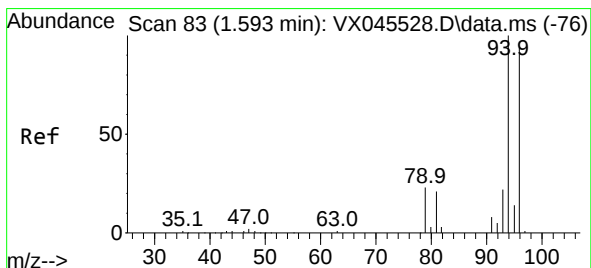
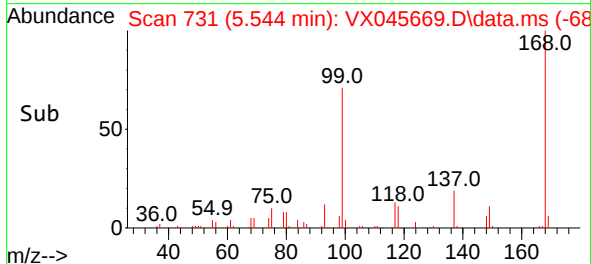
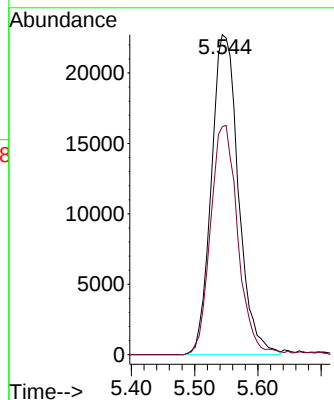
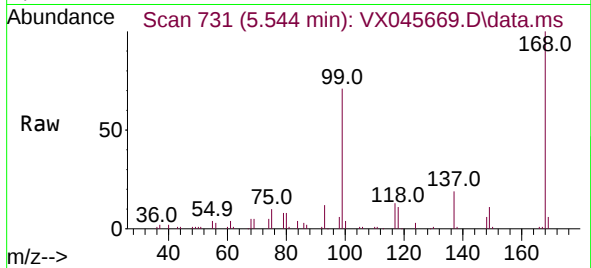




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045669.D
Acq: 09 Apr 2025 12:38

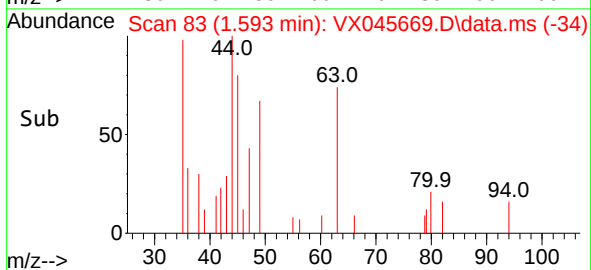
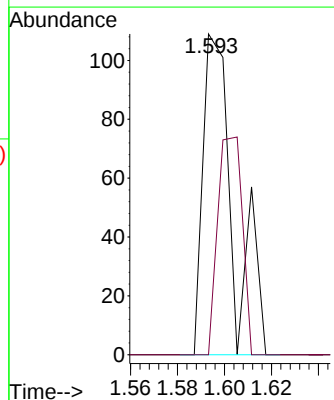
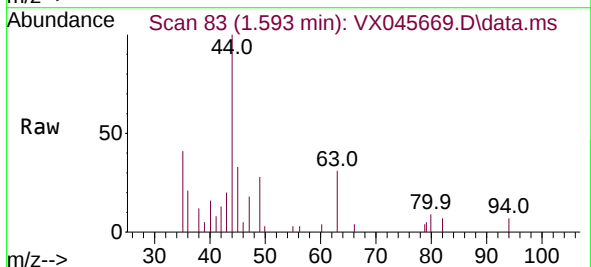
Instrument :
MSVOA_X
ClientSampleId :
WC-LIQUID-20250404

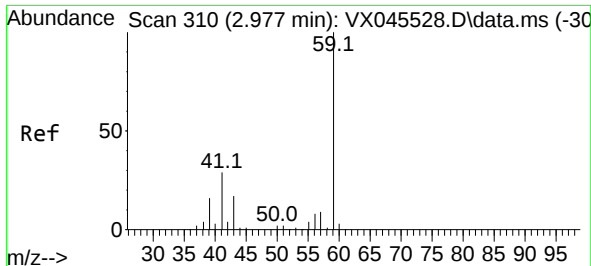
Tgt Ion:168 Resp: 67364
Ion Ratio Lower Upper
168 100
99 71.3 52.3 78.5



#5
Bromomethane
Concen: 0.218 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX045669.D
Acq: 09 Apr 2025 12:38

Tgt Ion: 94 Resp: 98
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#

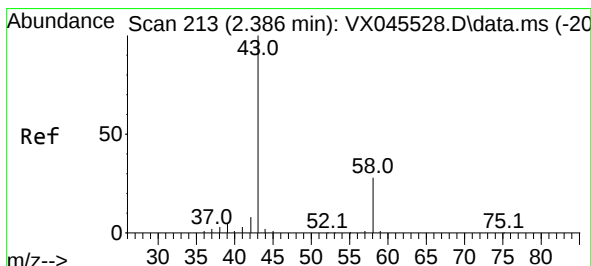
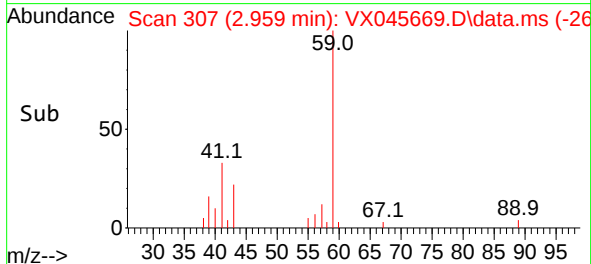
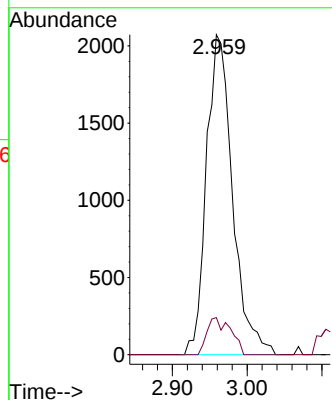
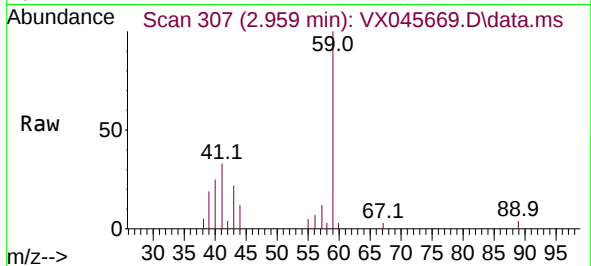




#11
Tert butyl alcohol
Concen: 30.412 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX045669.D
Acq: 09 Apr 2025 12:38

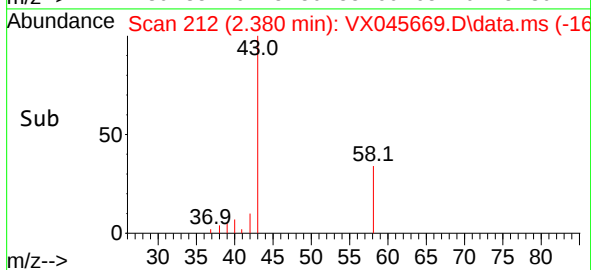
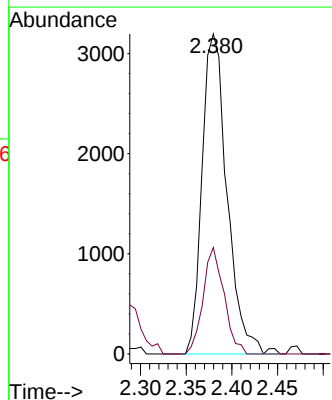
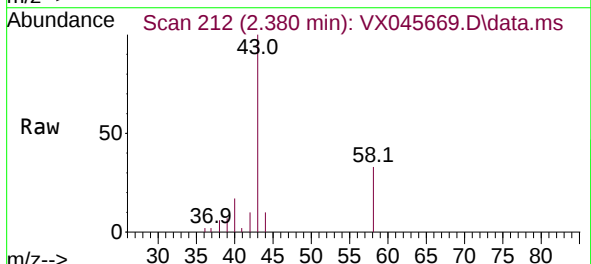
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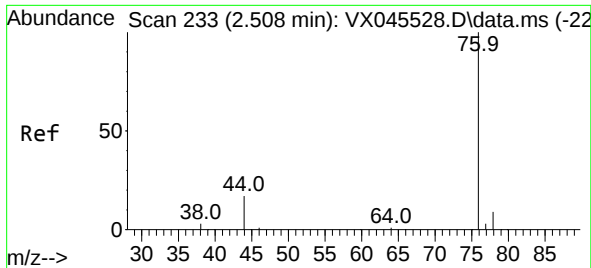
Tgt Ion: 59 Resp: 5035
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8



#16
Acetone
Concen: 12.015 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045669.D
Acq: 09 Apr 2025 12:38

Tgt Ion: 43 Resp: 6078
Ion Ratio Lower Upper
43 100
58 33.3 22.3 33.5





#17

Carbon Disulfide

Concen: 0.272 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX045669.D

Acq: 09 Apr 2025 12:38

Instrument :

MSVOA_X

ClientSampleId :

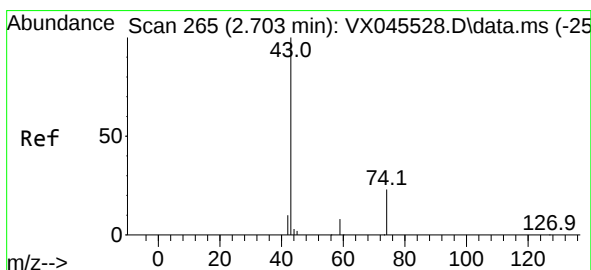
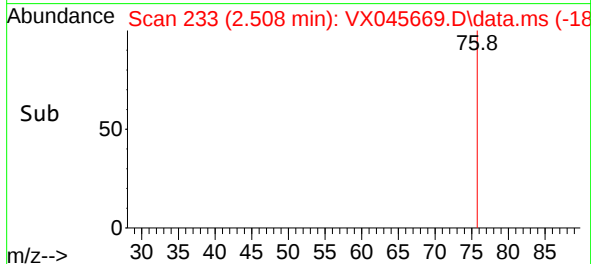
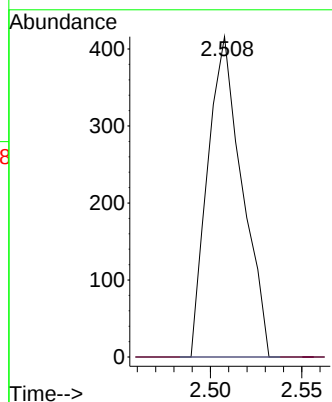
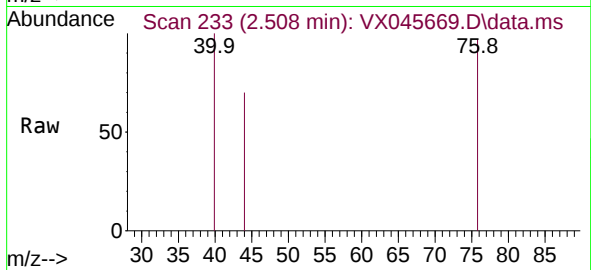
WC-LIQUID-20250404

Tgt Ion: 76 Resp: 544

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#18

Methyl Acetate

Concen: 0.252 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.006 min

Lab File: VX045669.D

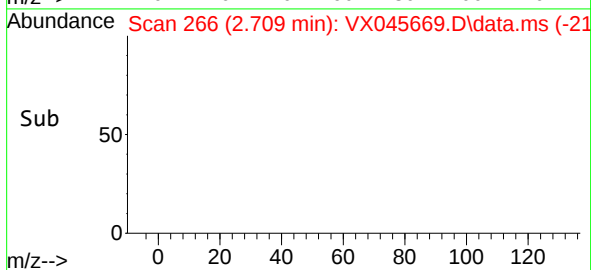
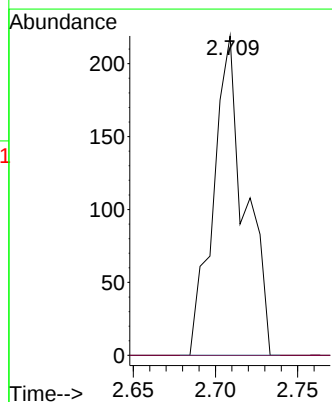
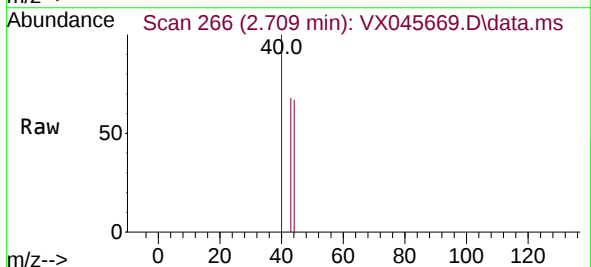
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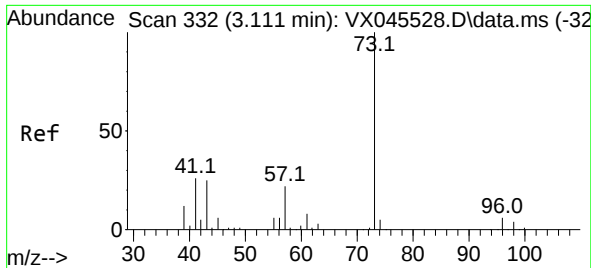
Tgt Ion: 43 Resp: 294

Ion Ratio Lower Upper

43 100

74 0.0 17.5 26.3#

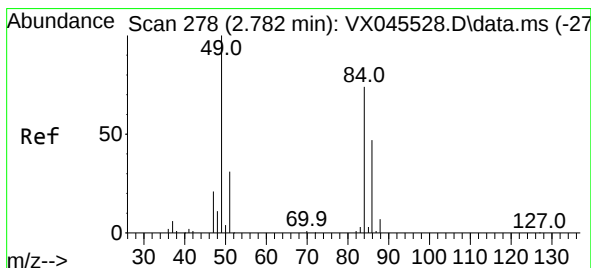
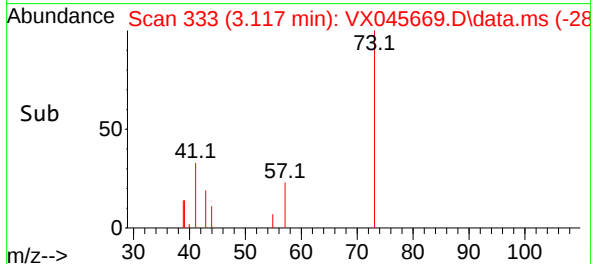
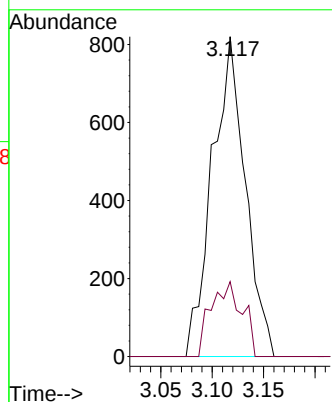
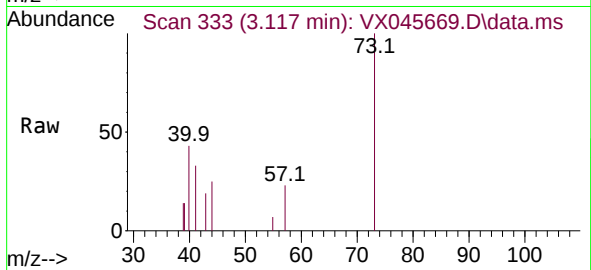




#19
Methyl tert-butyl Ether
Concen: 0.648 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX045669.D
Acq: 09 Apr 2025 12:38

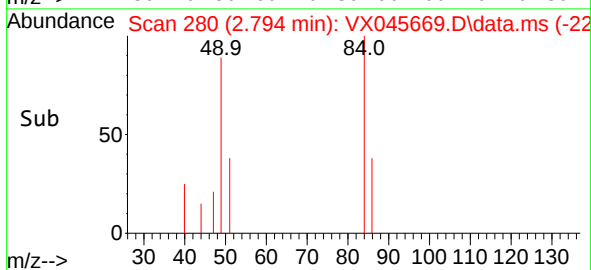
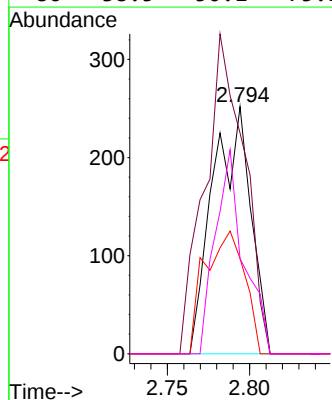
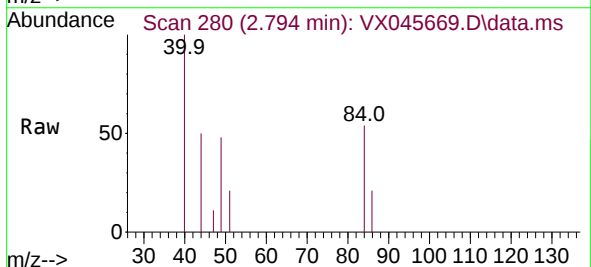
Instrument :
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ClientSampleId :
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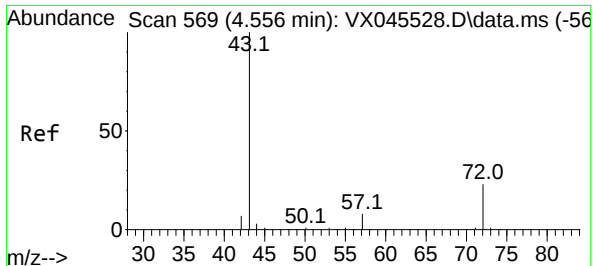
Tgt Ion: 73 Resp: 1832
Ion Ratio Lower Upper
73 100
57 23.4 17.6 26.4



#20
Methylene Chloride
Concen: 0.427 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.012 min
Lab File: VX045669.D
Acq: 09 Apr 2025 12:38

Tgt Ion: 84 Resp: 404
Ion Ratio Lower Upper
84 100
49 89.3 107.5 161.3#
51 38.5 33.0 49.6
86 38.5 50.1 75.1#

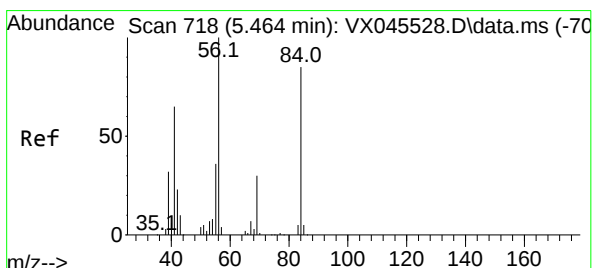
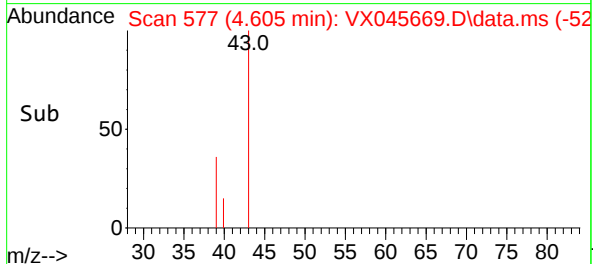
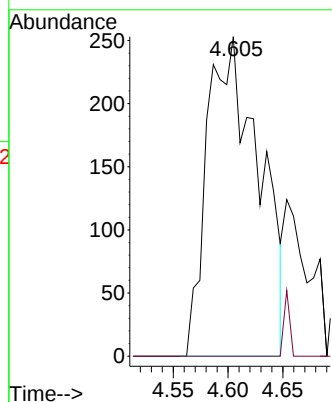
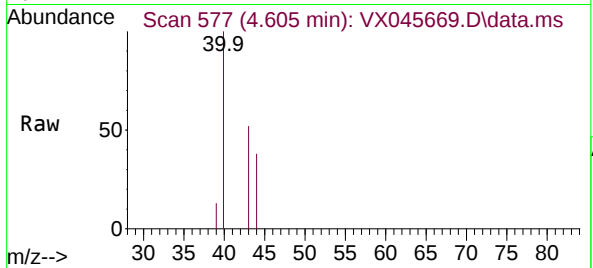




#25
2-Butanone
Concen: 1.120 ug/l
RT: 4.605 min Scan# 51
Delta R.T. 0.049 min
Lab File: VX045669.D
Acq: 09 Apr 2025 12:38

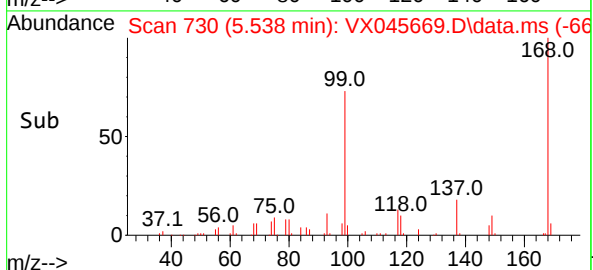
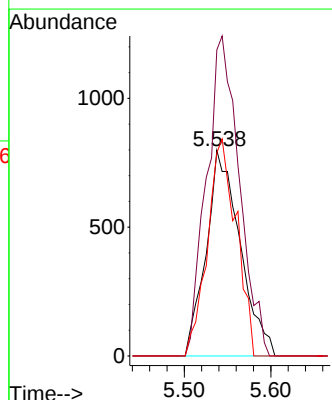
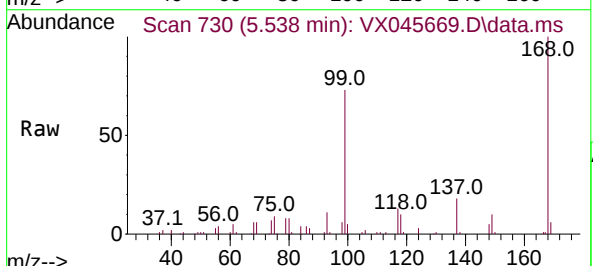
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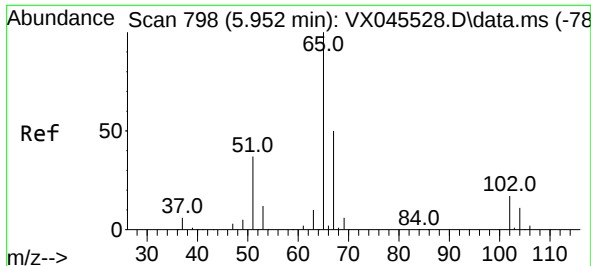
Tgt Ion: 43 Resp: 829
Ion Ratio Lower Upper
43 100
72 0.0 18.6 28.0#



#31
Cyclohexane
Concen: 1.438 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX045669.D
Acq: 09 Apr 2025 12:38

Tgt Ion: 56 Resp: 2173
Ion Ratio Lower Upper
56 100
69 148.9 23.6 35.4#
84 98.9 67.7 101.5

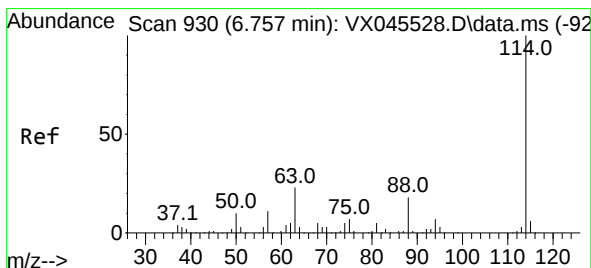
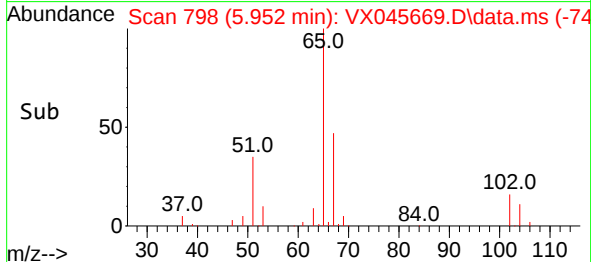
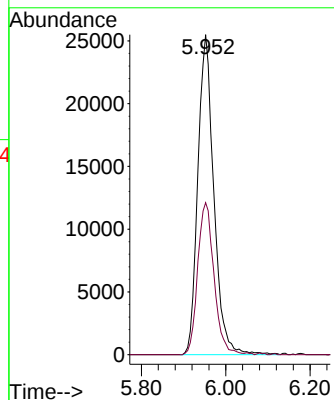
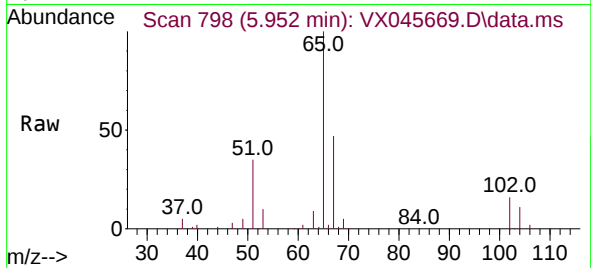




#33
 1,2-Dichloroethane-d4
 Concen: 54.658 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX045669.D
 Acq: 09 Apr 2025 12:38

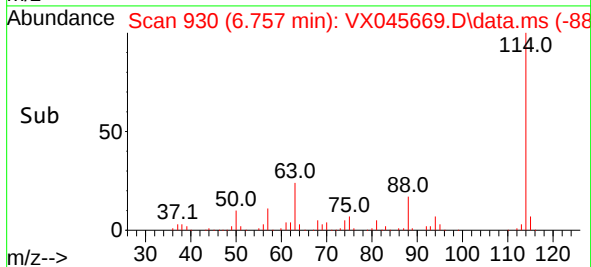
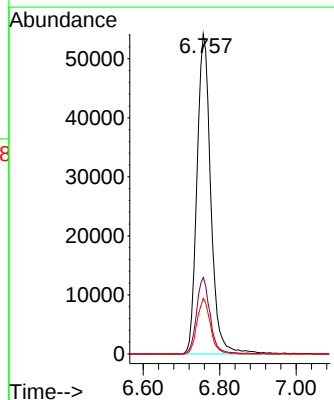
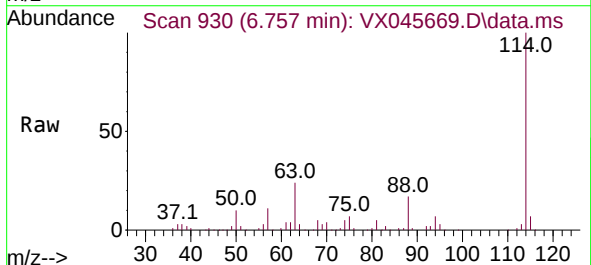
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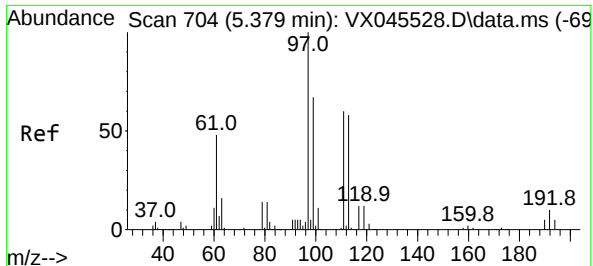
Tgt Ion: 65 Resp: 67334
 Ion Ratio Lower Upper
 65 100
 67 48.4 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX045669.D
 Acq: 09 Apr 2025 12:38

Tgt Ion: 114 Resp: 135780
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 46.8
 88 17.4 0.0 35.4

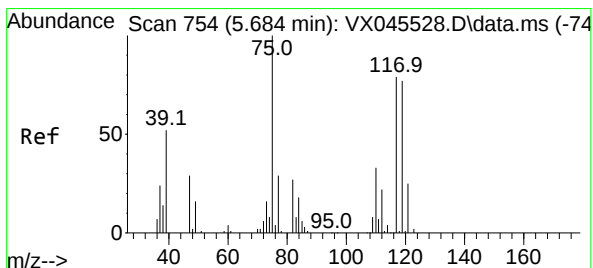
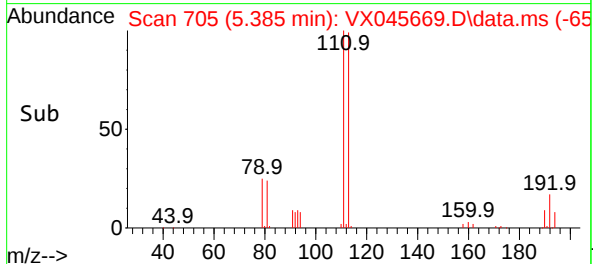
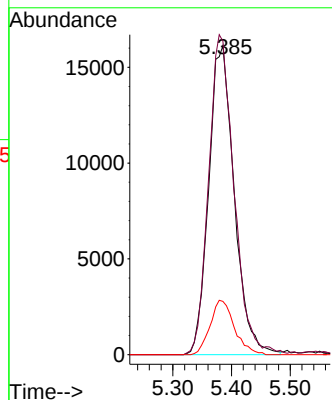
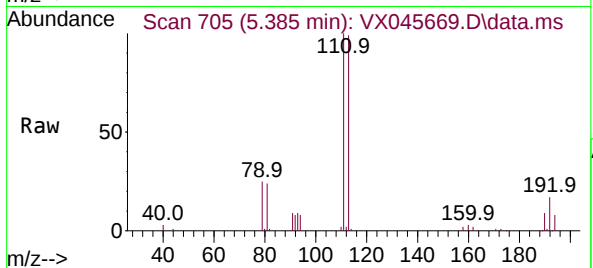




#35
 Dibromofluoromethane
 Concen: 50.566 ug/l
 RT: 5.385 min Scan# 704
 Delta R.T. 0.006 min
 Lab File: VX045669.D
 Acq: 09 Apr 2025 12:38

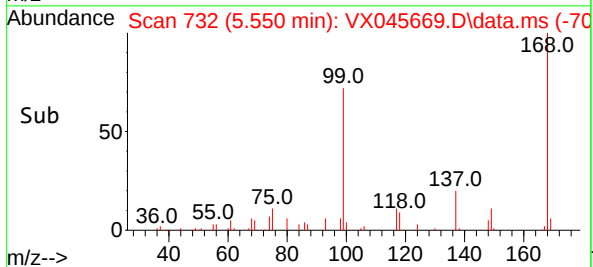
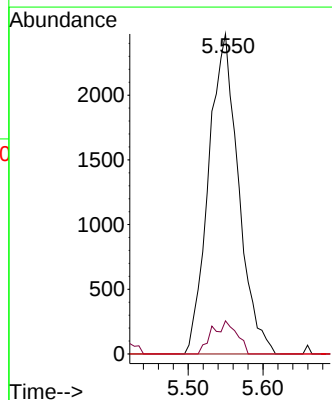
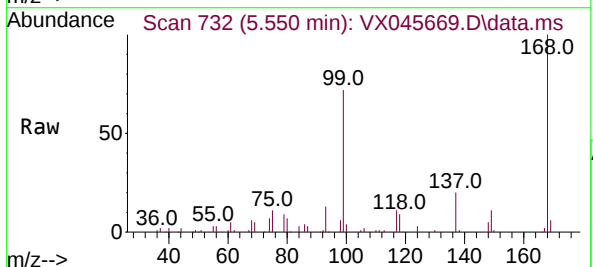
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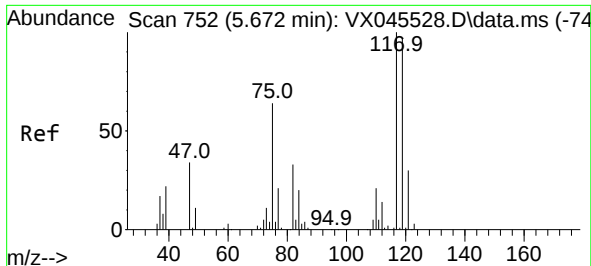
Tgt Ion:113 Resp: 48713
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.8 122.6
 192 16.8 13.8 20.6



#36
 1,1-Dichloropropene
 Concen: 5.292 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.134 min
 Lab File: VX045669.D
 Acq: 09 Apr 2025 12:38

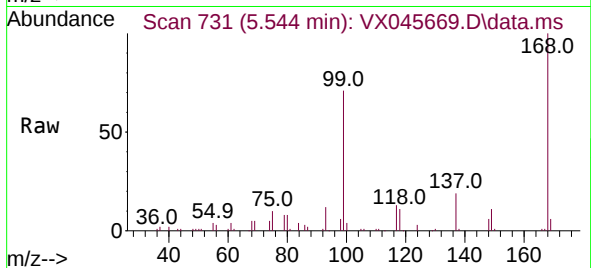
Tgt Ion: 75 Resp: 6884
 Ion Ratio Lower Upper
 75 100
 110 8.5 16.9 50.6#
 77 0.0 25.0 37.4#



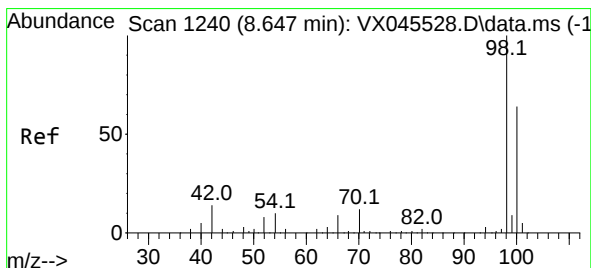
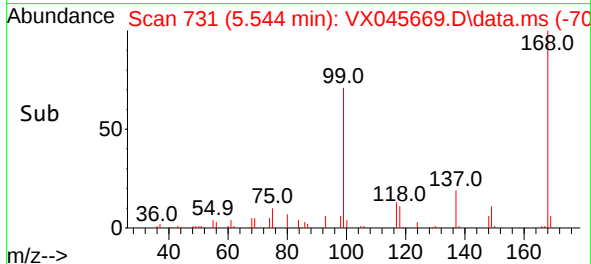
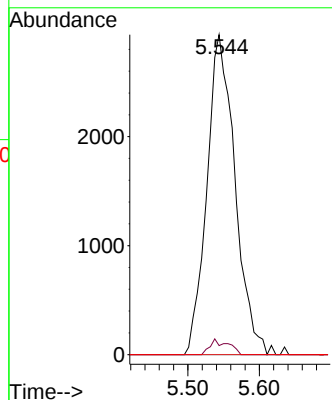


#38
Carbon Tetrachloride
Concen: 5.721 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045669.D
Acq: 09 Apr 2025 12:38

Instrument :
MSVOA_X
ClientSampleId :
WC-LIQUID-20250404

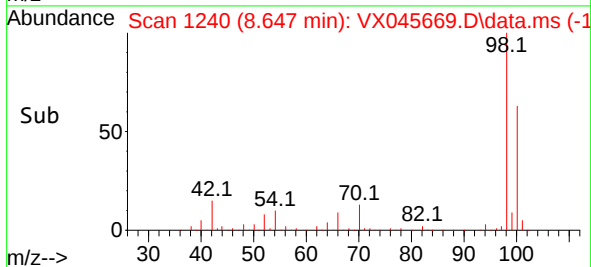
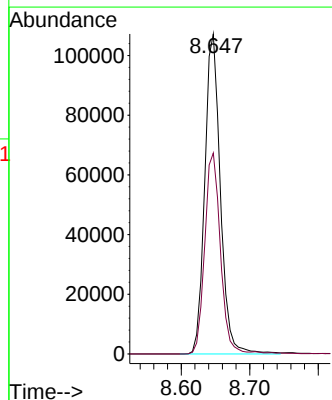
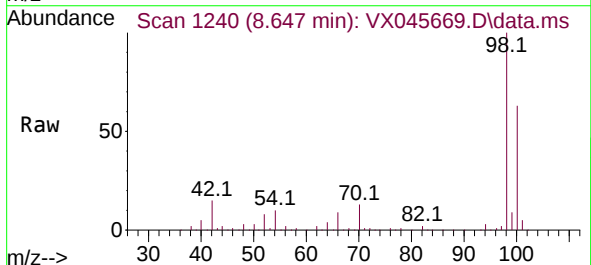


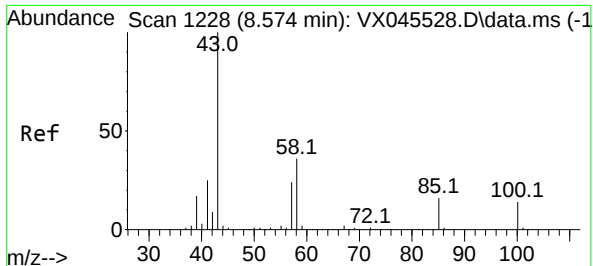
Tgt Ion:117 Resp: 8042
Ion Ratio Lower Upper
117 100
119 2.9 76.9 115.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.628 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045669.D
Acq: 09 Apr 2025 12:38

Tgt Ion: 98 Resp: 170237
Ion Ratio Lower Upper
98 100
100 63.7 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 0.353 ug/l

RT: 8.580 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX045669.D

Acq: 09 Apr 2025 12:38

Instrument :

MSVOA_X

ClientSampleId :

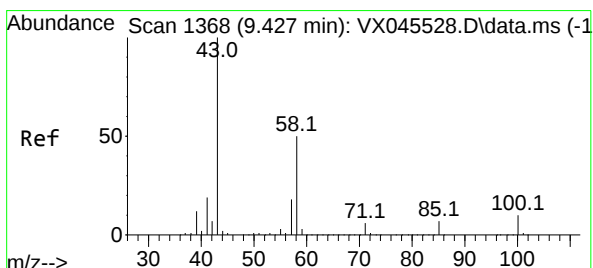
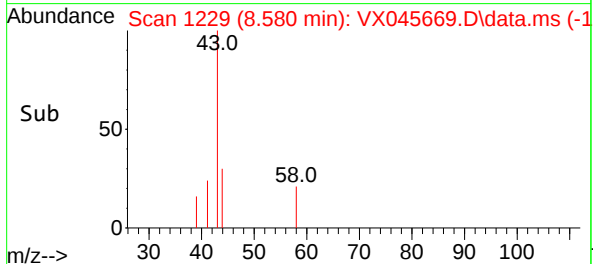
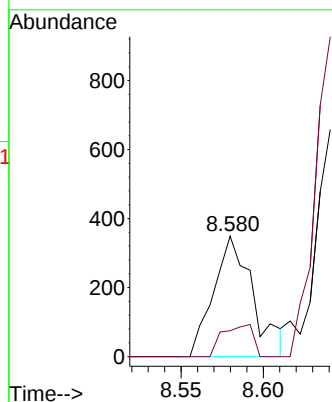
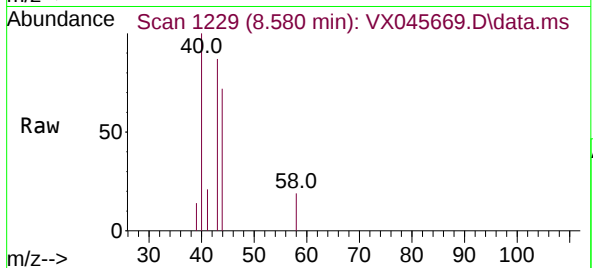
WC-LIQUID-20250404

Tgt Ion: 43 Resp: 581

Ion Ratio Lower Upper

43 100

58 20.5 28.5 42.7#



#59

2-Hexanone

Concen: 0.692 ug/l

RT: 9.238 min Scan# 1337

Delta R.T. -0.189 min

Lab File: VX045669.D

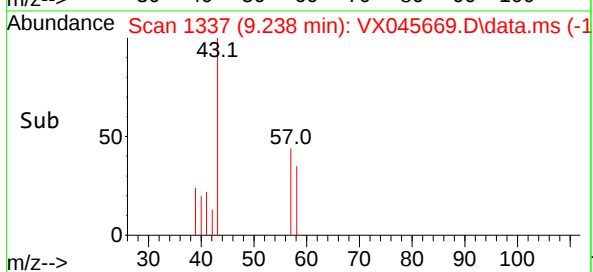
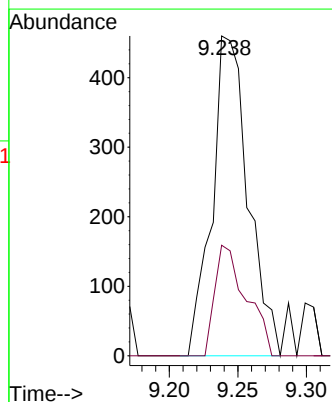
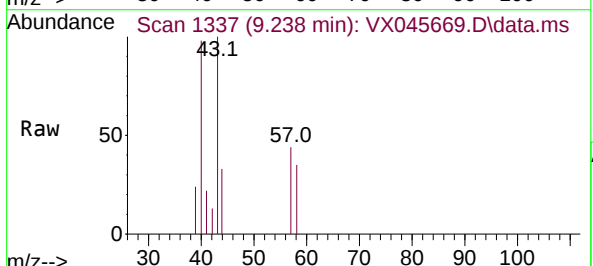
Acq: 09 Apr 2025 12:38

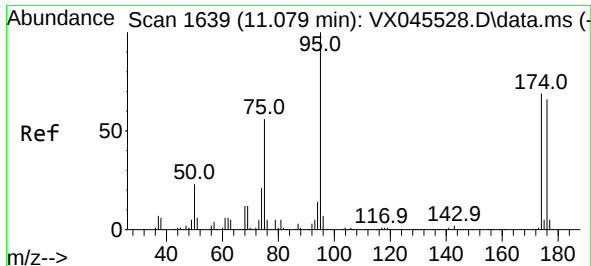
Tgt Ion: 43 Resp: 844

Ion Ratio Lower Upper

43 100

58 30.0 24.9 74.6

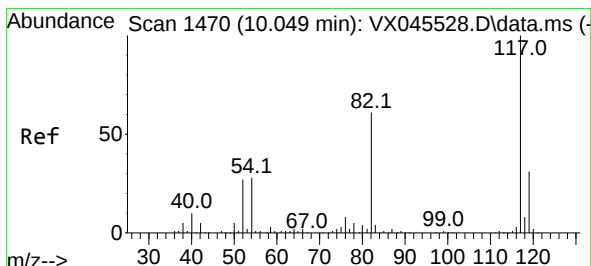
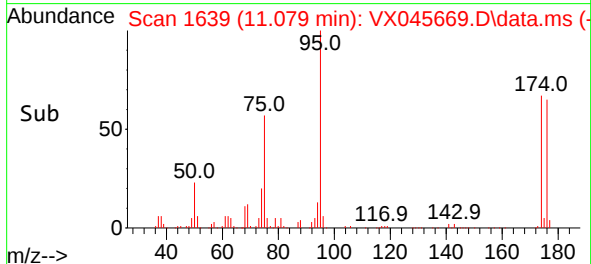
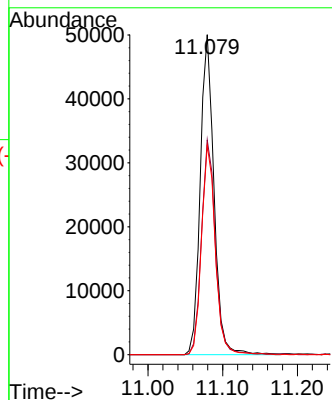
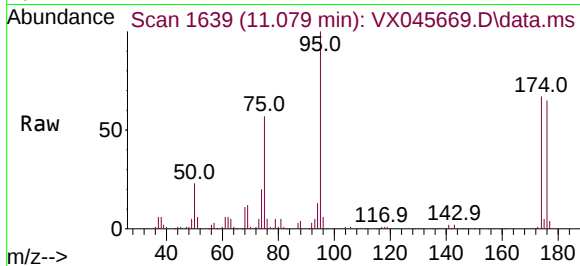




#62
4-Bromofluorobenzene
Concen: 52.147 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045669.D
Acq: 09 Apr 2025 12:38

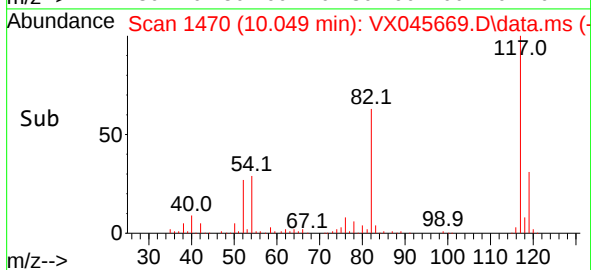
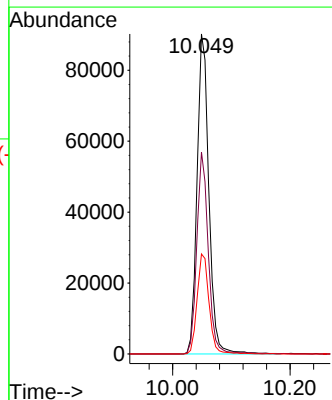
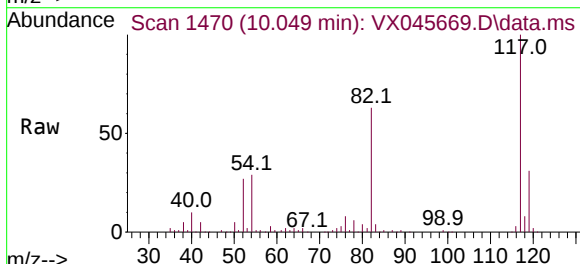
Instrument :
MSVOA_X
ClientSampleId :
WC-LIQUID-20250404

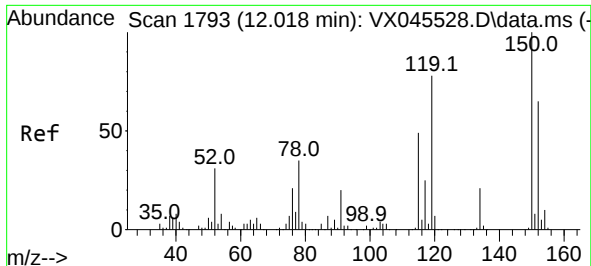
Tgt Ion: 95 Resp: 63869
Ion Ratio Lower Upper
95 100
174 67.9 0.0 135.8
176 65.6 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045669.D
Acq: 09 Apr 2025 12:38

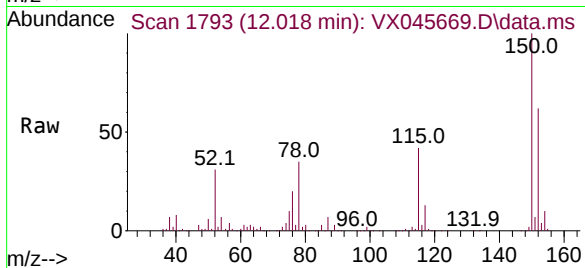
Tgt Ion: 117 Resp: 125711
Ion Ratio Lower Upper
117 100
82 63.1 49.2 73.8
119 31.2 25.1 37.7



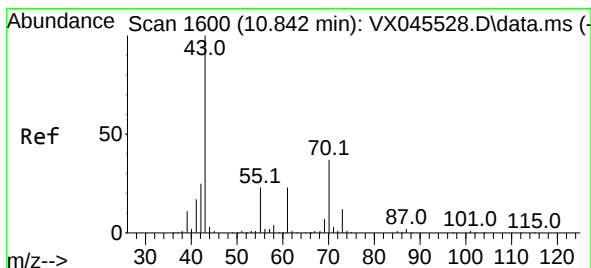
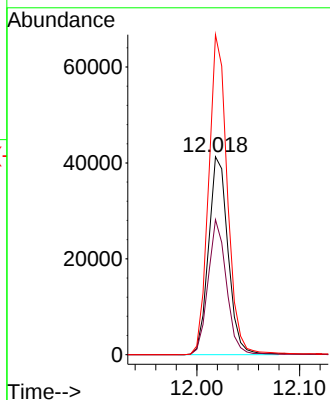
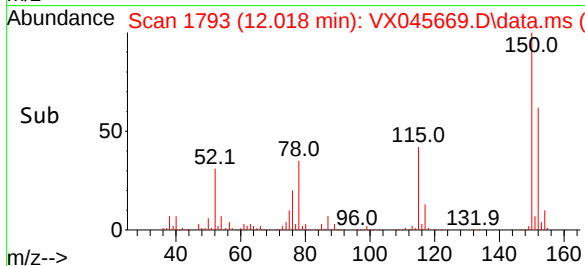


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045669.D
Acq: 09 Apr 2025 12:38

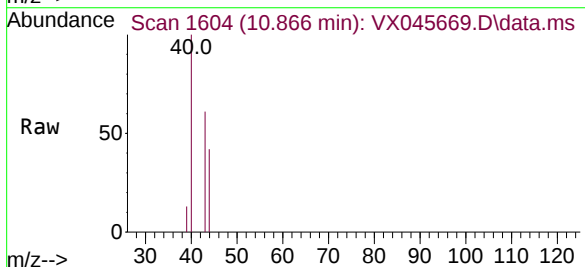
Instrument :
MSVOA_X
ClientSampleId :
WC-LIQUID-20250404



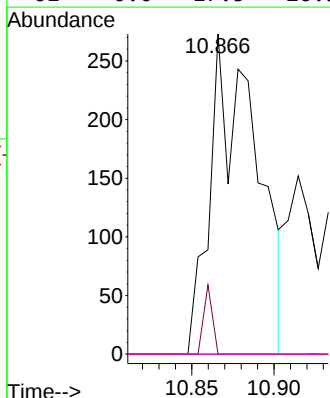
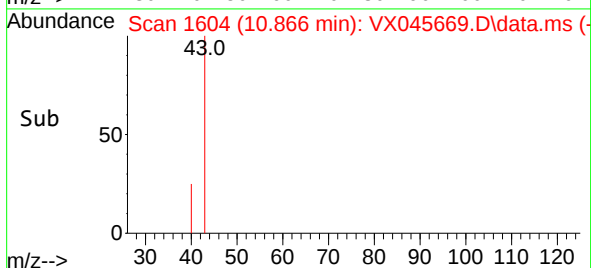
Tgt Ion:152 Resp: 54281
Ion Ratio Lower Upper
152 100
115 64.8 46.9 140.7
150 156.3 0.0 349.4

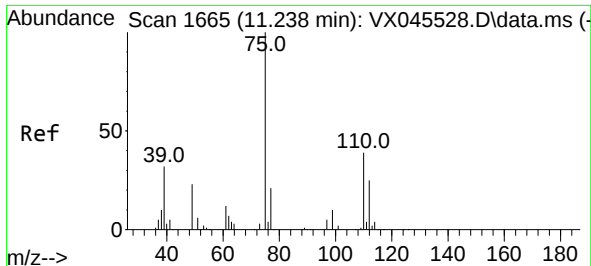


#74
N-ethyl acetate
Concen: 0.257 ug/l
RT: 10.866 min Scan# 1604
Delta R.T. 0.024 min
Lab File: VX045669.D
Acq: 09 Apr 2025 12:38



Tgt Ion: 43 Resp: 534
Ion Ratio Lower Upper
43 100
70 4.1 30.1 45.1#
55 0.0 18.3 27.5#
61 0.0 17.5 26.3#

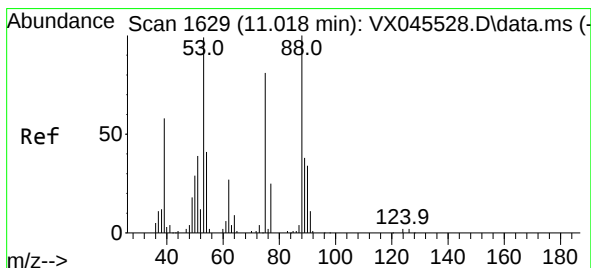
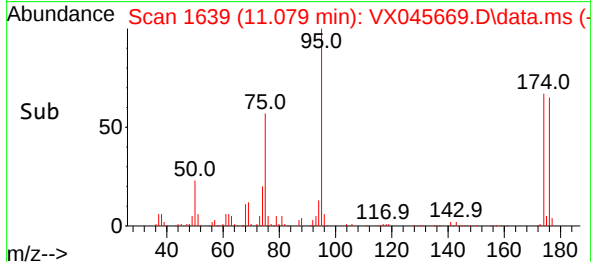
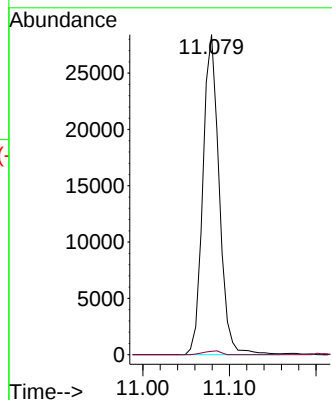
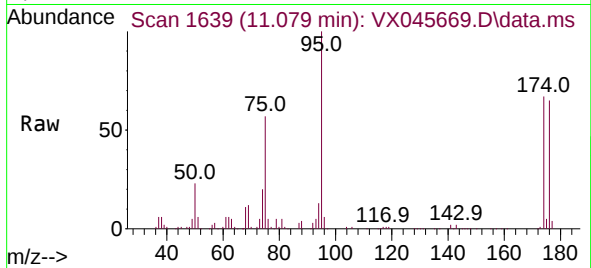




#76
1,2,3-Trichloropropane
Concen: 28.031 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045669.D
Acq: 09 Apr 2025 12:38

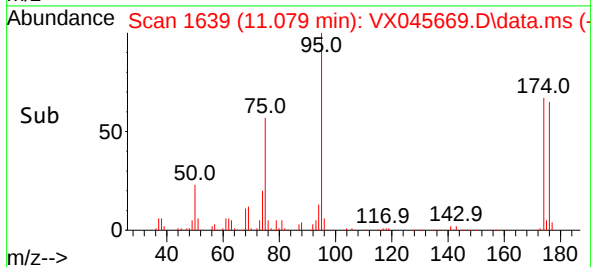
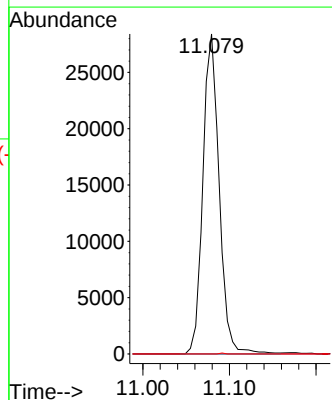
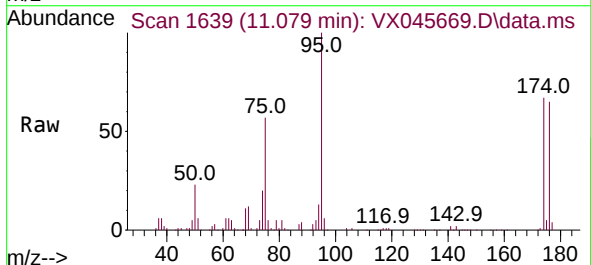
Instrument :
MSVOA_X
ClientSampleId :
WC-LIQUID-20250404

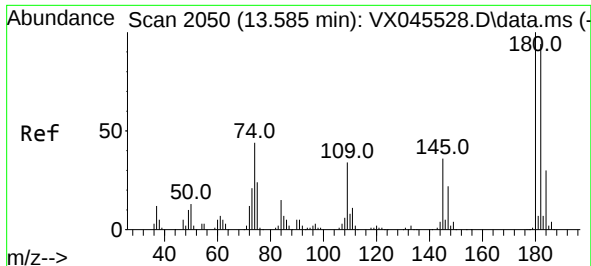
Tgt Ion: 75 Resp: 37114
Ion Ratio Lower Upper
75 100
77 1.2 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.133 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045669.D
Acq: 09 Apr 2025 12:38

Tgt Ion: 75 Resp: 37114
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.1 37.2 55.8#

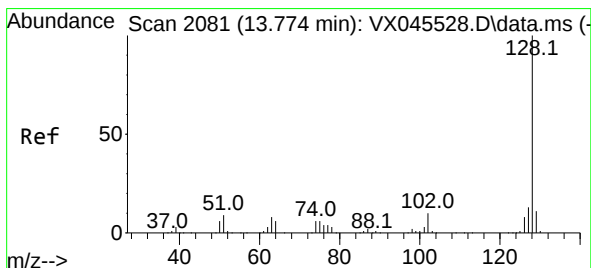
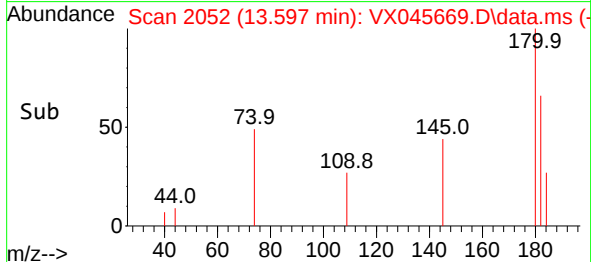
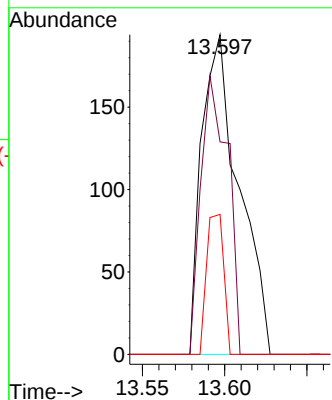
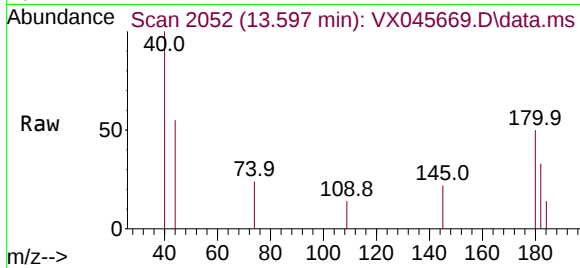




#93
1,2,4-Trichlorobenzene
Concen: 0.302 ug/l
RT: 13.597 min Scan# 2050
Delta R.T. 0.012 min
Lab File: VX045669.D
Acq: 09 Apr 2025 12:38

Instrument :
MSVOA_X
ClientSampleId :
WC-LIQUID-20250404

Tgt Ion:180 Resp: 306
Ion Ratio Lower Upper
180 100
182 62.7 47.9 143.6
145 19.9 17.9 53.8



#95
Naphthalene
Concen: 0.437 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX045669.D
Acq: 09 Apr 2025 12:38

Tgt Ion:128 Resp: 1647
Ion Ratio Lower Upper
128 100
127 6.9 10.3 15.5#
129 6.6 8.6 12.8#

