

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111225\
 Data File : VV039372.D
 Acq On : 12 Nov 2025 14:01
 Operator : SY/MD
 Sample : Q3530-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 LOQ-WATER-02-QT4-2025

Quant Time: Nov 14 00:22:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V111125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 14 00:16:53 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	771435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1111186	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1063807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	626690	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	513823	53.990	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 107.980%	
35) Dibromofluoromethane	4.503	113	443906	52.085	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 104.180%	
50) Toluene-d8	7.236	98	1407128	49.963	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 99.920%	
62) 4-Bromofluorobenzene	9.998	95	525782	48.585	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 97.160%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	25547	5.547	ug/l	99
3) Chloromethane	1.230	50	25779	5.999	ug/l	98
4) Vinyl Chloride	1.298	62	29453	5.554	ug/l	95
5) Bromomethane	1.494	94	19391	6.142	ug/l	98
6) Chloroethane	1.561	64	23490	6.000	ug/l	90
7) Trichlorofluoromethane	1.725	101	60938	5.643	ug/l	98
8) Diethyl Ether	1.918	74	22784	5.533	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.082	101	38429	5.413	ug/l	96
10) Methyl Iodide	2.198	142	26375	6.032	ug/l	99
11) Tert butyl alcohol	2.571	59	32812	32.183	ug/l	97
12) 1,1-Dichloroethene	2.085	96	29939	5.331	ug/l	96
13) Acrolein	2.008	56	5008	52.356	ug/l	94
14) Allyl chloride	2.362	41	54910	5.488	ug/l	97
15) Acrylonitrile	2.683	53	106318	26.867	ug/l	97
16) Acetone	2.121	43	209134	41.533	ug/l	100
17) Carbon Disulfide	2.252	76	51997	5.858	ug/l	96
18) Methyl Acetate	2.387	43	44926	3.333	ug/l	99
19) Methyl tert-butyl Ether	2.709	73	113039	5.354	ug/l	96
20) Methylene Chloride	2.461	84	41145	5.292	ug/l	92
21) trans-1,2-Dichloroethene	2.709	96	29763	5.344	ug/l	98
22) Diisopropyl ether	3.217	45	111877	5.146	ug/l #	29
23) Vinyl Acetate	3.204	43	442894	28.844	ug/l	96
24) 1,1-Dichloroethane	3.124	63	75100	5.681	ug/l	98
25) 2-Butanone	3.886	43	171501	32.643	ug/l	99
26) 2,2-Dichloropropane	3.812	77	64425	5.795	ug/l	99
27) cis-1,2-Dichloroethene	3.834	96	42084	5.564	ug/l	91
28) Bromochloromethane	4.162	49	23697	4.099	ug/l #	98
29) Tetrahydrofuran	4.249	42	75212	25.574	ug/l	95
30) Chloroform	4.285	83	82237	5.633	ug/l	100
31) Cyclohexane	4.587	56	54787	6.622	ug/l #	84
32) 1,1,1-Trichloroethane	4.513	97	69640	5.704	ug/l	94
36) 1,1-Dichloropropene	4.764	75	36504	4.973	ug/l	97
37) Ethyl Acetate	4.011	43	46189	4.096	ug/l #	76
38) Carbon Tetrachloride	4.738	117	57163	5.242	ug/l	97
39) Methylcyclohexane	6.047	83	42430	5.429	ug/l	97
40) Benzene	5.018	78	142145	5.537	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.191	41	13085	3.249	ug/l #	69
42) 1,2-Dichloroethane	5.053	62	58619	5.860	ug/l	86
43) Isopropyl Acetate	5.207	43	72328	4.814	ug/l #	94
44) Trichloroethene	5.841	130	38344	5.505	ug/l	92
45) 1,2-Dichloropropane	6.095	63	36150	5.205	ug/l	97
46) Dibromomethane	6.239	93	29826	5.340	ug/l	97
47) Bromodichloromethane	6.432	83	63859	5.279	ug/l	100
48) Methyl methacrylate	6.317	41	29059	4.153	ug/l	96
49) 1,4-Dioxane	6.310	88	6366	59.072	ug/l #	89
51) 4-Methyl-2-Pentanone	7.149	43	285028	27.755	ug/l	92
52) Toluene	7.317	92	91299	5.676	ug/l	95
53) t-1,3-Dichloropropene	7.587	75	55890	5.370	ug/l	97
54) cis-1,3-Dichloropropene	6.956	75	56599	5.122	ug/l	98
55) 1,1,2-Trichloroethane	7.767	97	42674	5.240	ug/l	97
56) Ethyl methacrylate	7.725	69	46542	4.733	ug/l	95
57) 1,3-Dichloropropane	7.940	76	66061	5.274	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.821	63	76039	27.191	ug/l	100
59) 2-Hexanone	8.069	43	216983	29.564	ug/l	95
60) Dibromochloromethane	8.172	129	55187	5.288	ug/l	100
61) 1,2-Dibromoethane	8.281	107	42153	5.310	ug/l	100
64) Tetrachloroethene	7.902	164	34542	5.254	ug/l	96
65) Chlorobenzene	8.805	112	110297	5.208	ug/l	96
66) 1,1,1,2-Tetrachloroethane	8.898	131	47809	5.411	ug/l	95
67) Ethyl Benzene	8.940	91	154760	5.052	ug/l	100
68) m/p-Xylenes	9.066	106	112549	9.730	ug/l	96
69) o-Xylene	9.471	106	53793	4.915	ug/l	100
70) Styrene	9.493	104	90601	4.631	ug/l	98
71) Bromoform	9.657	173	44098	5.376	ug/l #	96
73) Isopropylbenzene	9.857	105	151307	4.944	ug/l	99
74) N-amyl acetate	9.731	43	59123	4.931	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.169	83	75678	5.678	ug/l	99
76) 1,2,3-Trichloropropane	10.201	75	50761	5.218	ug/l	98
77) Bromobenzene	10.146	156	53245	5.637	ug/l	96
78) n-propylbenzene	10.281	91	182645	5.210	ug/l	99
79) 2-Chlorotoluene	10.349	91	117267	5.226	ug/l	98
80) 1,3,5-Trimethylbenzene	10.464	105	122656	4.902	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.931	75	17898	4.932	ug/l	95
82) 4-Chlorotoluene	10.468	91	133152	5.307	ug/l	100
83) tert-Butylbenzene	10.789	119	137858	5.013	ug/l	100
84) 1,2,4-Trimethylbenzene	10.841	105	115653	4.745	ug/l	96
85) sec-Butylbenzene	11.011	105	163107	5.002	ug/l	100
86) p-Isopropyltoluene	11.168	119	142603	5.068	ug/l	98
87) 1,3-Dichlorobenzene	11.107	146	96748	5.340	ug/l	98
88) 1,4-Dichlorobenzene	11.197	146	106028	5.368	ug/l	96
89) n-Butylbenzene	11.583	91	123639	4.927	ug/l	96
90) Hexachloroethane	11.818	117	37028	5.280	ug/l	95
91) 1,2-Dichlorobenzene	11.570	146	93567	5.278	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.358	75	14355	5.239	ug/l	99
93) 1,2,4-Trichlorobenzene	13.188	180	55659	4.948	ug/l	97
94) Hexachlorobutadiene	13.368	225	32865	5.478	ug/l	96
95) Naphthalene	13.429	128	134146	4.450	ug/l	98
96) 1,2,3-Trichlorobenzene	13.670	180	56984	4.910	ug/l	98

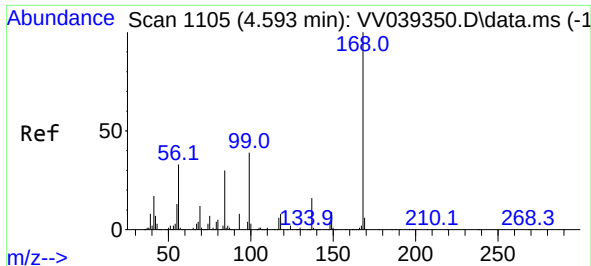
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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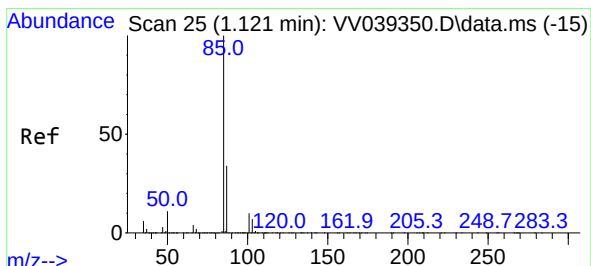
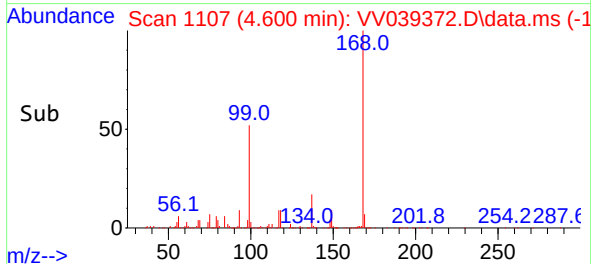
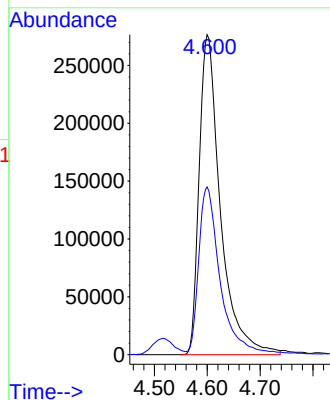
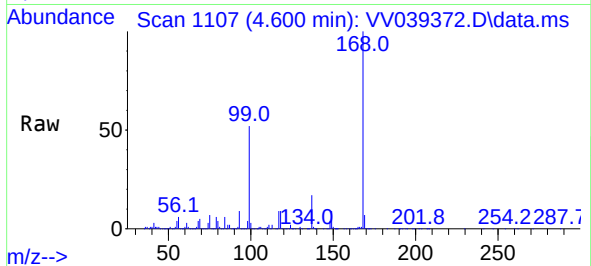
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. 0.007 min
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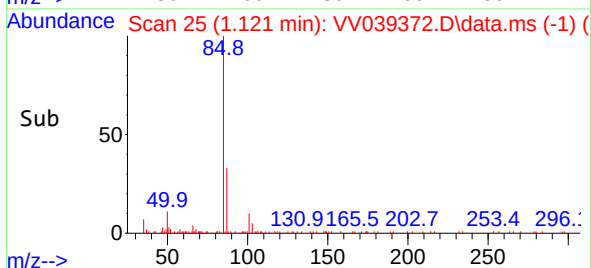
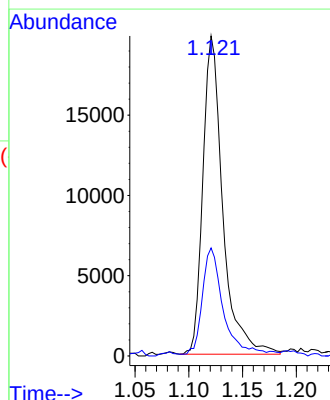
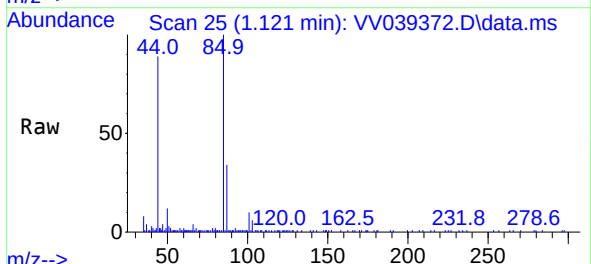
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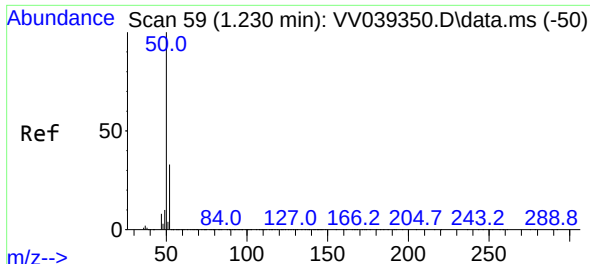
Tgt Ion:168 Resp: 771435
Ion Ratio Lower Upper
168 100
99 51.6 41.2 61.8



#2
Dichlorodifluoromethane
Concen: 5.547 ug/l
RT: 1.121 min Scan# 25
Delta R.T. -0.000 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Tgt Ion: 85 Resp: 25547
Ion Ratio Lower Upper
85 100
87 33.4 16.9 50.7

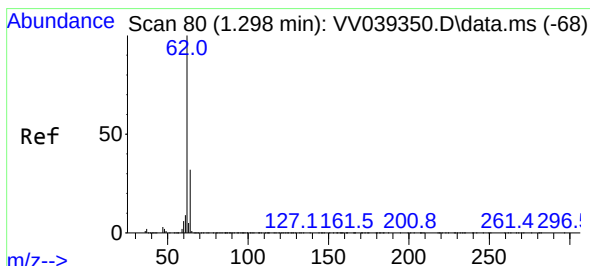
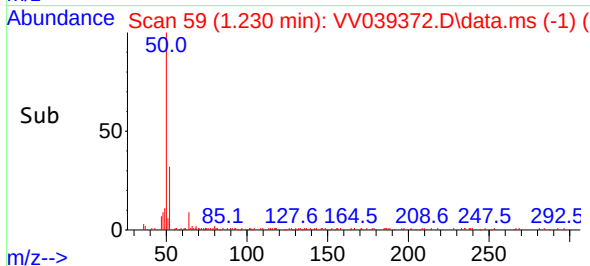
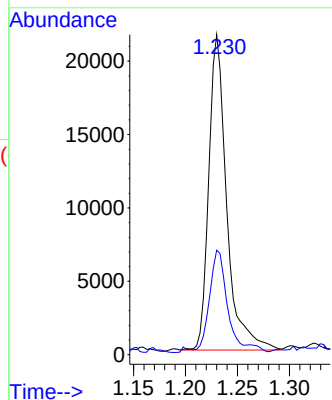
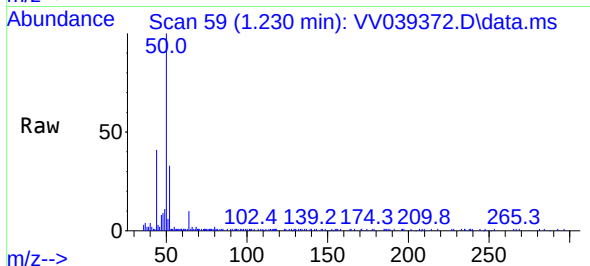




#3
Chloromethane
Concen: 5.999 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

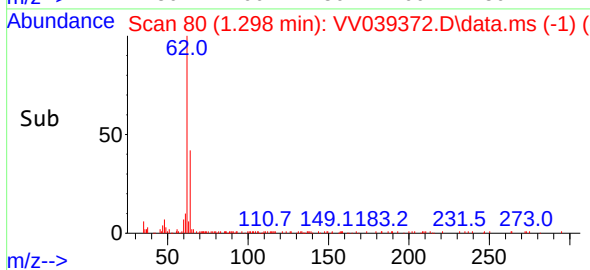
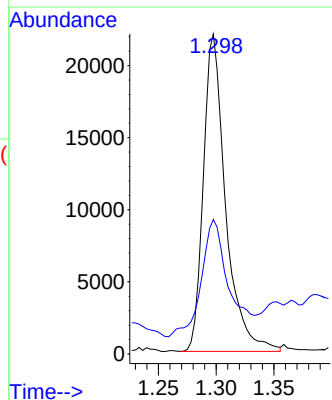
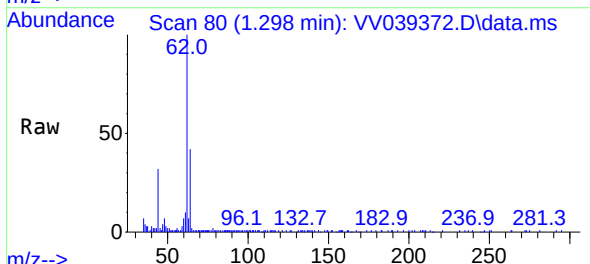
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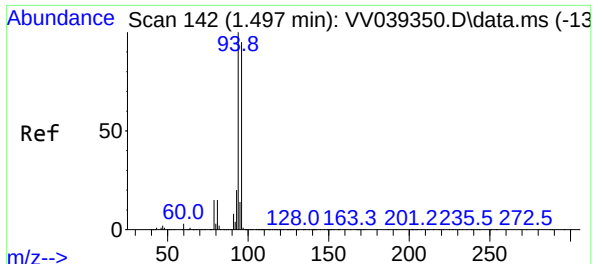
Tgt Ion: 50 Resp: 25779
Ion Ratio Lower Upper
50 100
52 32.3 26.6 39.8



#4
Vinyl Chloride
Concen: 5.554 ug/l
RT: 1.298 min Scan# 80
Delta R.T. -0.000 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Tgt Ion: 62 Resp: 29453
Ion Ratio Lower Upper
62 100
64 34.2 25.3 37.9

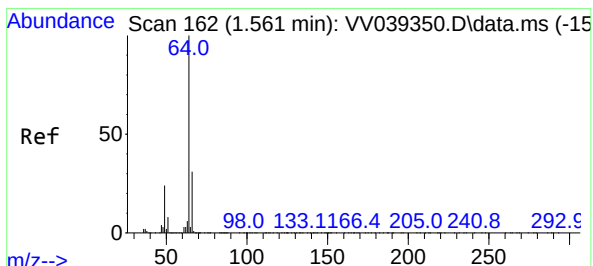
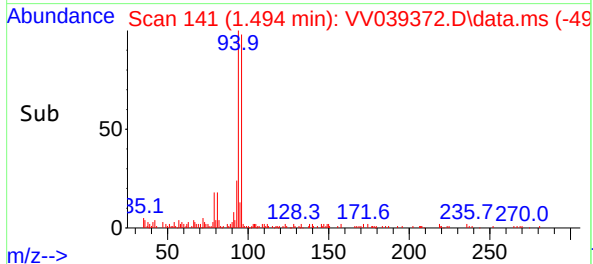
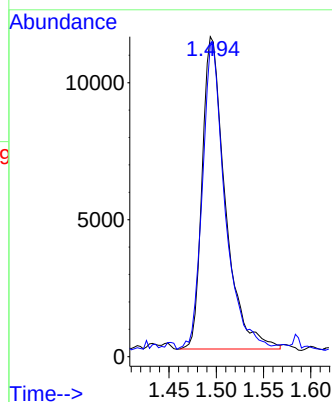
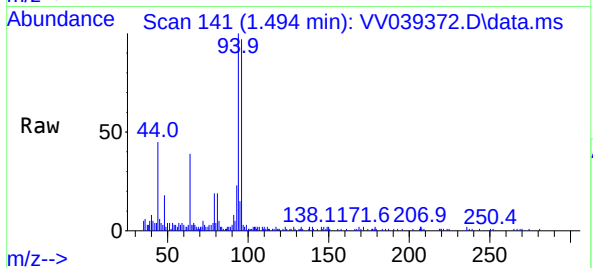




#5
Bromomethane
Concen: 6.142 ug/l
RT: 1.494 min Scan# 142
Delta R.T. -0.003 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

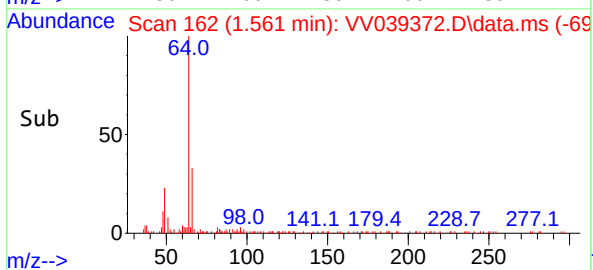
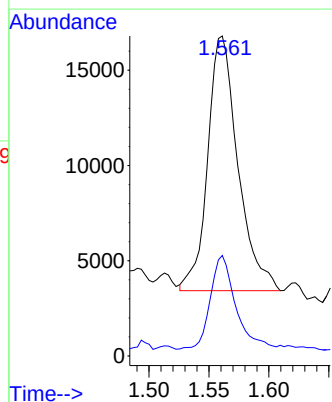
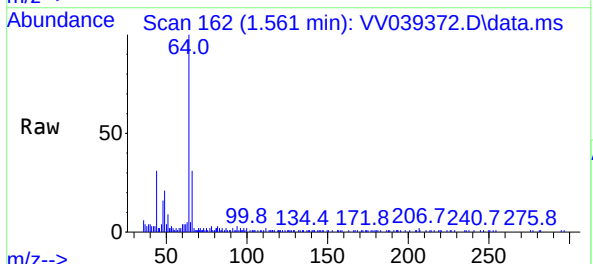
Instrument : MSVOA_V
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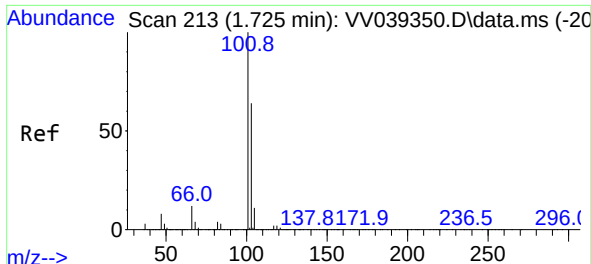
Tgt Ion: 94 Resp: 19391
Ion Ratio Lower Upper
94 100
96 96.9 75.6 113.4



#6
Chloroethane
Concen: 6.000 ug/l
RT: 1.561 min Scan# 162
Delta R.T. -0.000 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Tgt Ion: 64 Resp: 23490
Ion Ratio Lower Upper
64 100
66 36.6 24.7 37.1

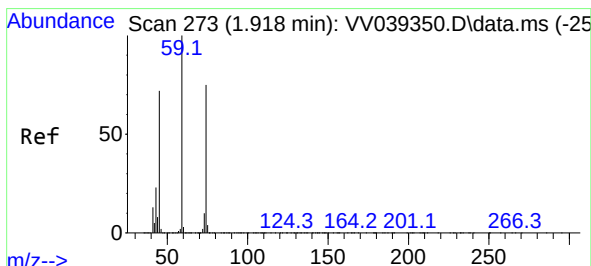
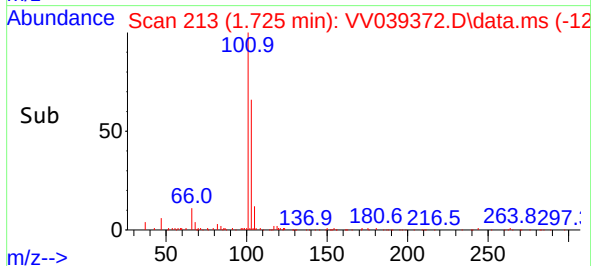
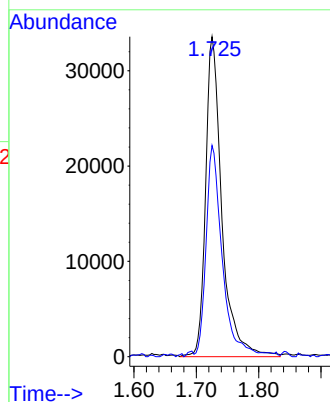
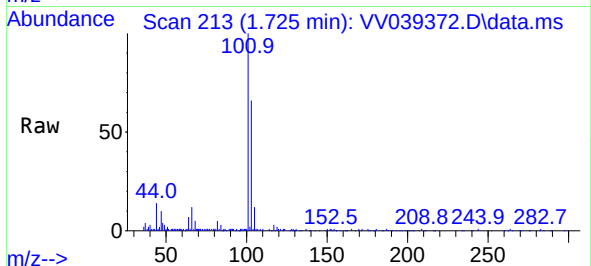




#7
Trichlorofluoromethane
Concen: 5.643 ug/l
RT: 1.725 min Scan# 213
Delta R.T. -0.000 min
Lab File: VV039372.D
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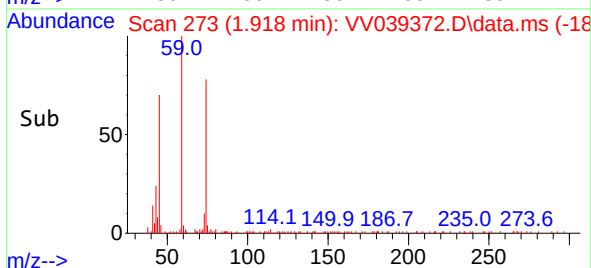
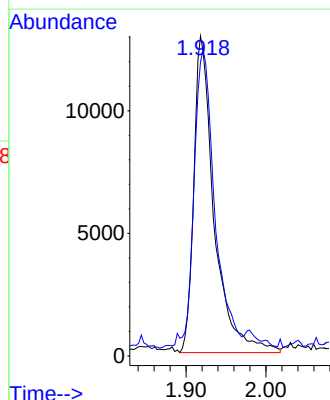
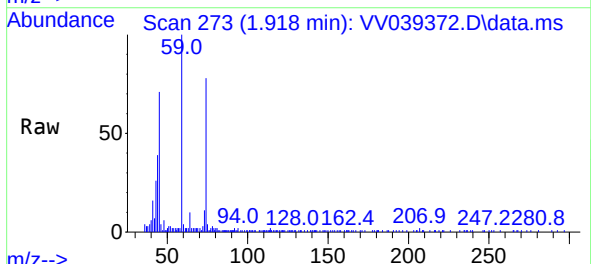
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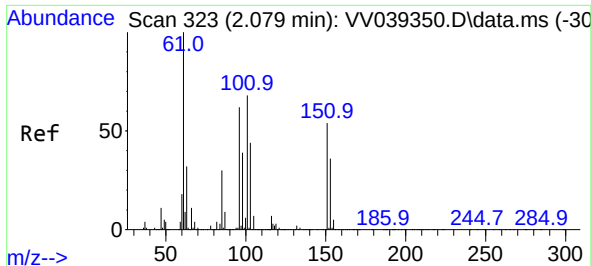
Tgt Ion:101 Resp: 60938
Ion Ratio Lower Upper
101 100
103 65.4 50.9 76.3



#8
Diethyl Ether
Concen: 5.533 ug/l
RT: 1.918 min Scan# 273
Delta R.T. -0.000 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Tgt Ion: 74 Resp: 22784
Ion Ratio Lower Upper
74 100
45 96.2 50.6 151.8

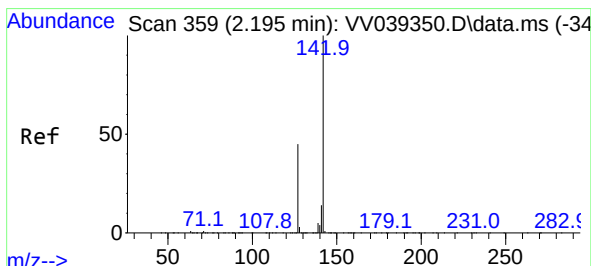
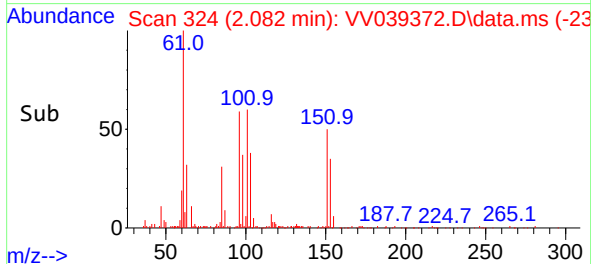
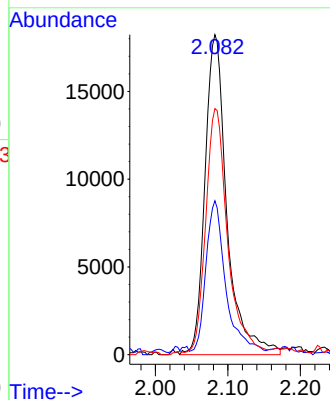
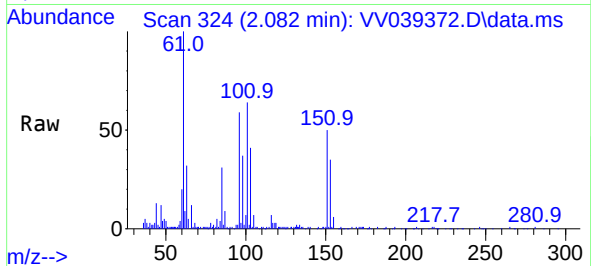




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.413 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV039372.D
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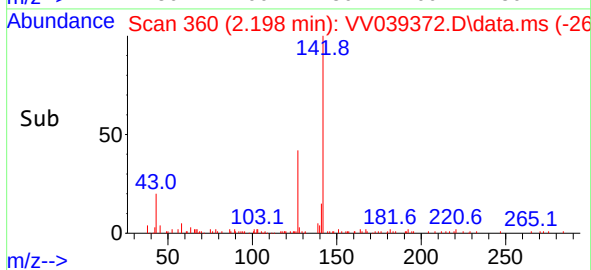
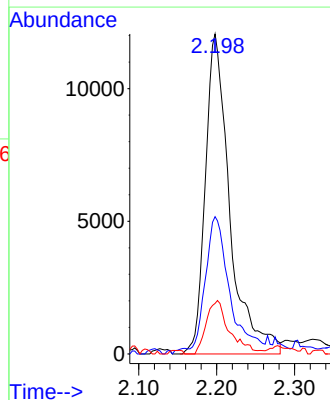
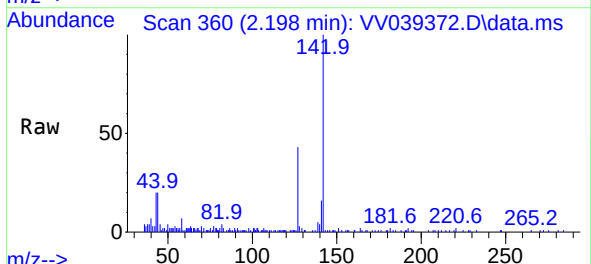
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ClientSampleId :
LOQ-WATER-02-QT4-2025

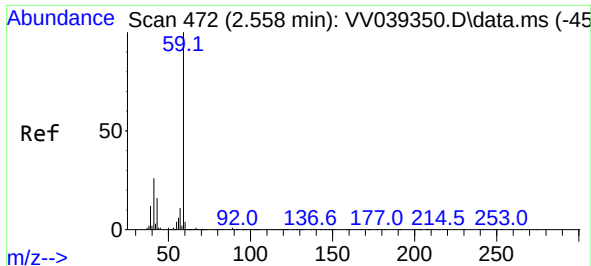
Tgt Ion:101 Resp: 38429
Ion Ratio Lower Upper
101 100
85 41.0 33.5 50.3
151 74.9 63.6 95.4



#10
Methyl Iodide
Concen: 6.032 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Tgt Ion:142 Resp: 26375
Ion Ratio Lower Upper
142 100
127 43.9 35.1 52.7
141 15.9 11.9 17.9

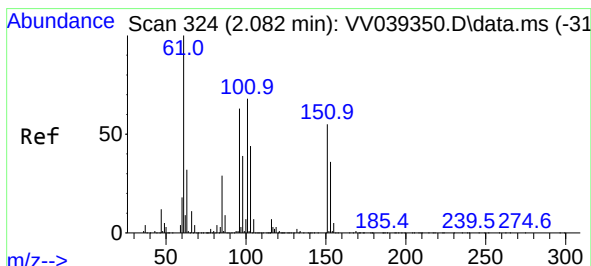
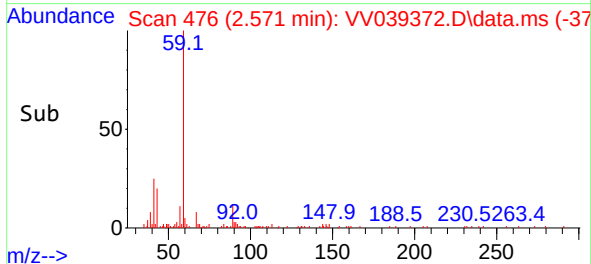
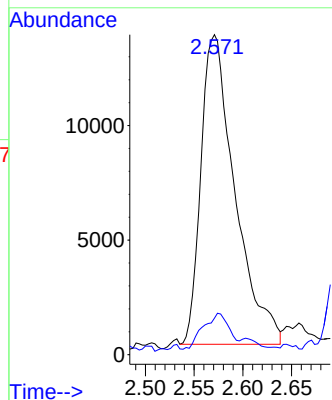
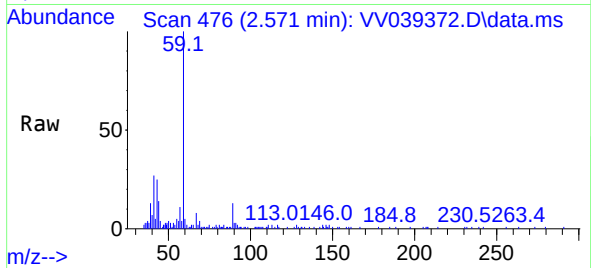




#11
Tert butyl alcohol
Concen: 32.183 ug/l
RT: 2.571 min Scan# 41
Delta R.T. 0.013 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

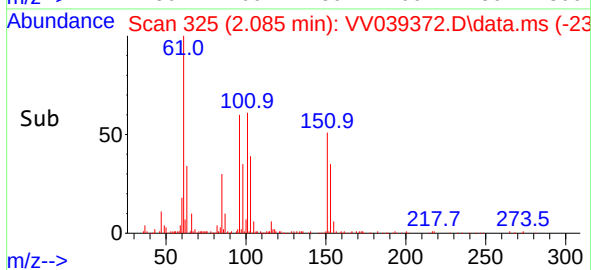
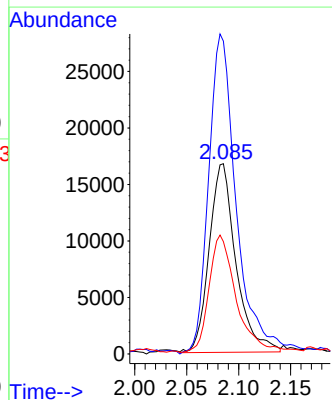
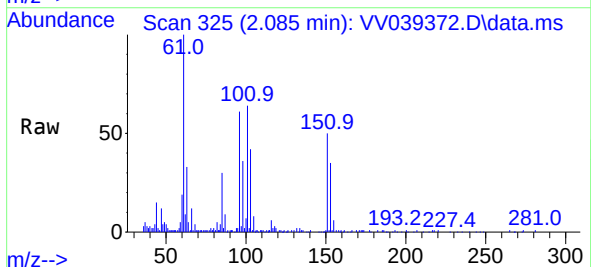
Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

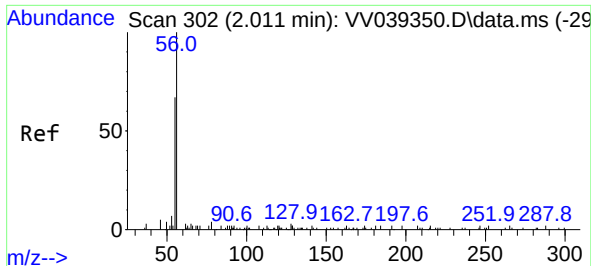
Tgt Ion: 59 Resp: 32812
Ion Ratio Lower Upper
59 100
57 8.9 8.0 12.0



#12
1,1-Dichloroethene
Concen: 5.331 ug/l
RT: 2.085 min Scan# 325
Delta R.T. 0.003 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Tgt Ion: 96 Resp: 29939
Ion Ratio Lower Upper
96 100
61 164.8 127.8 191.6
98 58.7 50.2 75.2

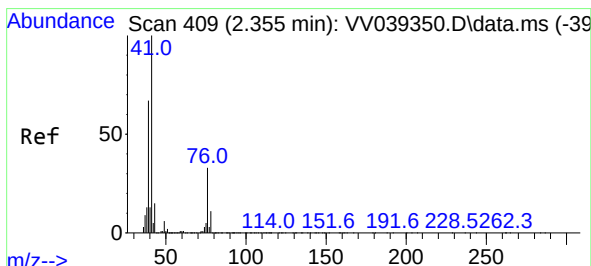
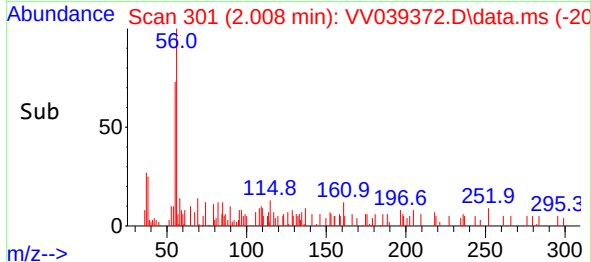
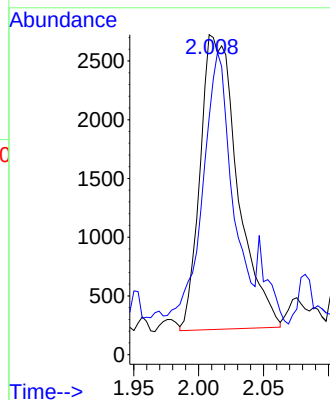
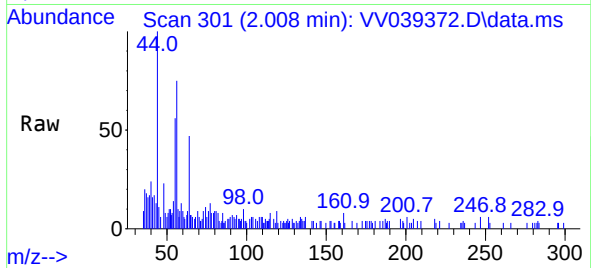




#13
Acrolein
Concen: 52.356 ug/l
RT: 2.008 min Scan# 301
Delta R.T. -0.003 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

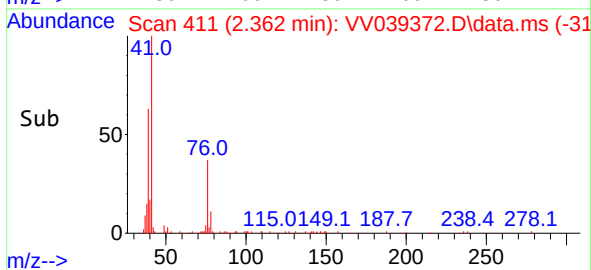
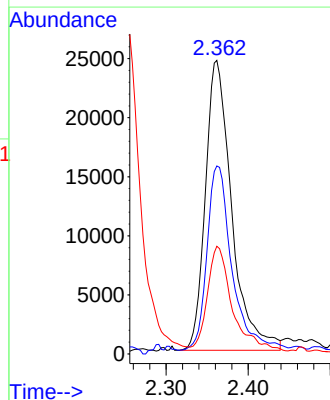
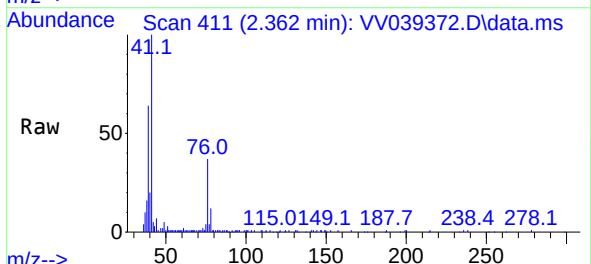
Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

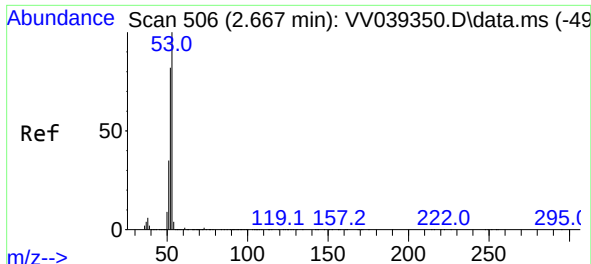
Tgt Ion: 56 Resp: 5008
Ion Ratio Lower Upper
56 100
55 73.8 55.2 82.8



#14
Allyl chloride
Concen: 5.488 ug/l
RT: 2.362 min Scan# 411
Delta R.T. 0.006 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

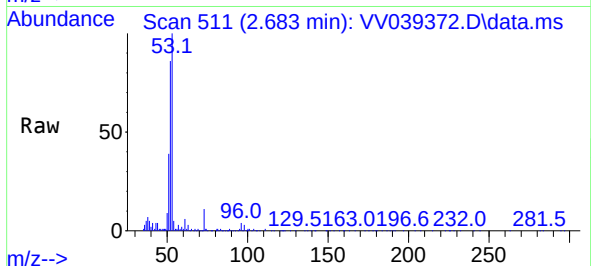
Tgt Ion: 41 Resp: 54910
Ion Ratio Lower Upper
41 100
39 60.1 50.7 76.1
76 34.3 27.0 40.6



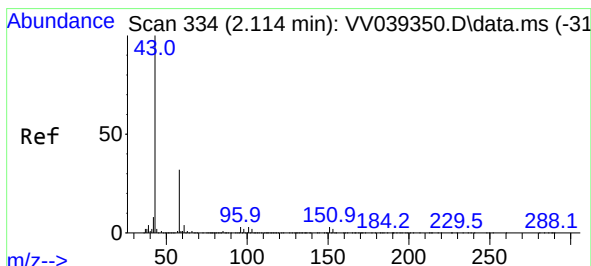
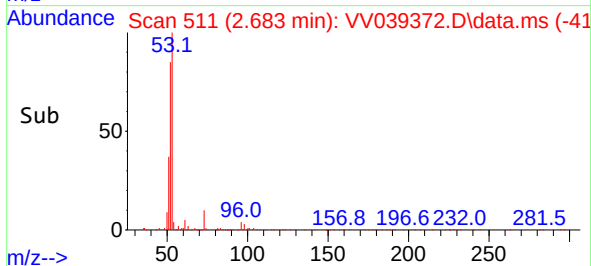
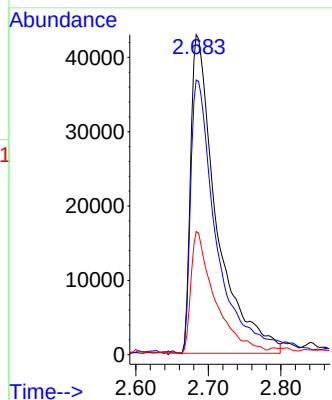


#15
Acrylonitrile
Concen: 26.867 ug/l
RT: 2.683 min Scan# 511
Delta R.T. 0.016 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

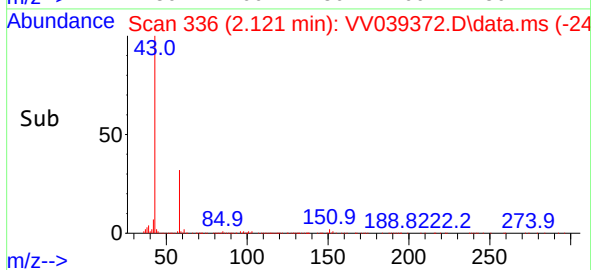
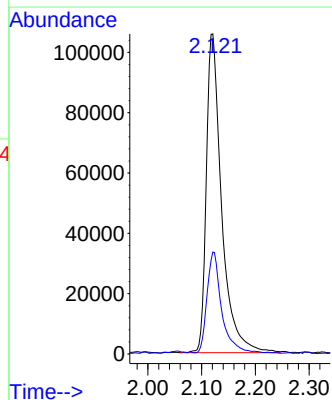
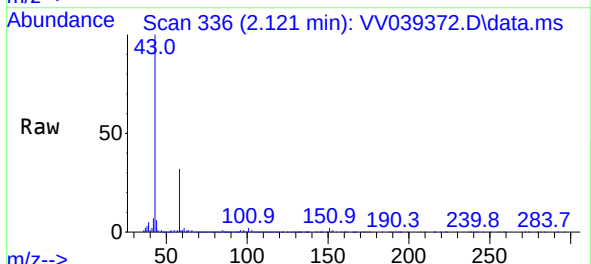


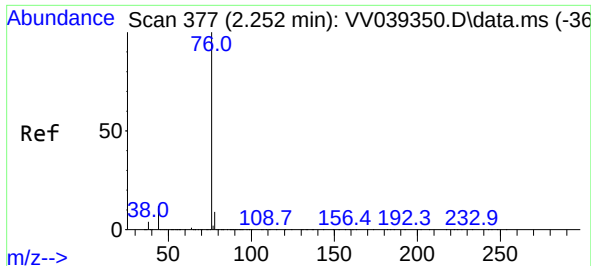
Tgt Ion: 53 Resp: 106318
Ion Ratio Lower Upper
53 100
52 85.5 65.2 97.8
51 35.6 28.4 42.6



#16
Acetone
Concen: 41.533 ug/l
RT: 2.121 min Scan# 336
Delta R.T. 0.006 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Tgt Ion: 43 Resp: 209134
Ion Ratio Lower Upper
43 100
58 31.7 25.5 38.3

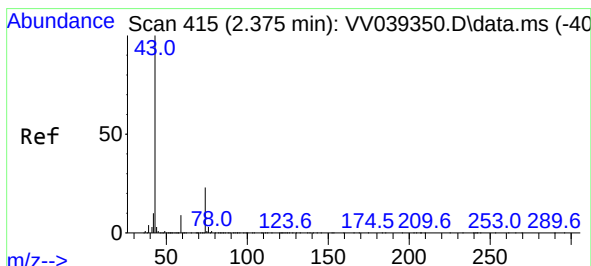
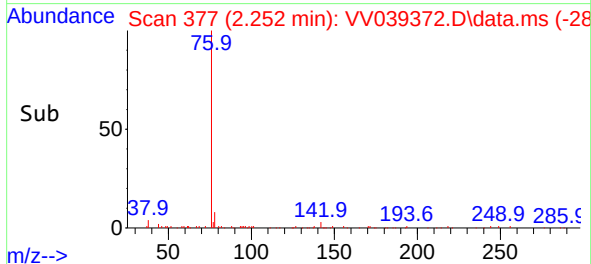
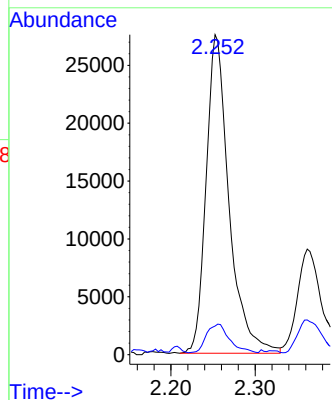
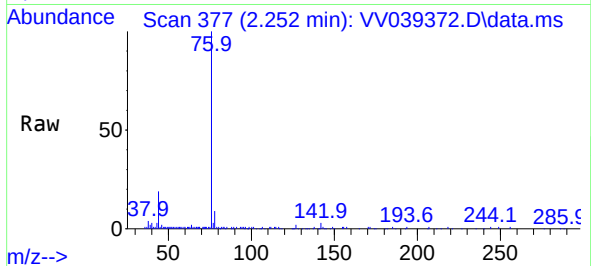




#17
Carbon Disulfide
Concen: 5.858 ug/l
RT: 2.252 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

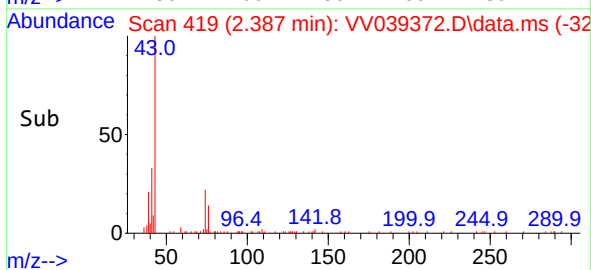
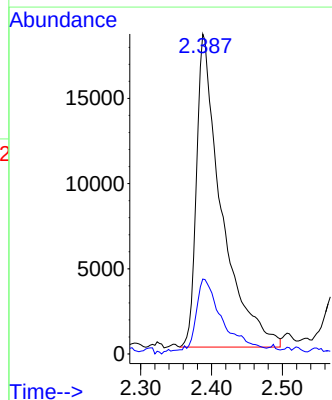
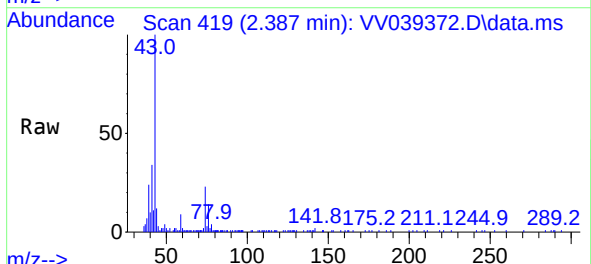
Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

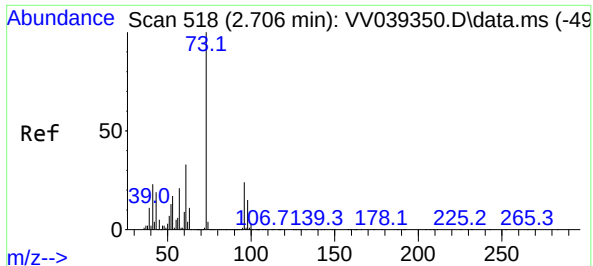
Tgt Ion: 76 Resp: 51997
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.0



#18
Methyl Acetate
Concen: 3.333 ug/l
RT: 2.387 min Scan# 419
Delta R.T. 0.013 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Tgt Ion: 43 Resp: 44926
Ion Ratio Lower Upper
43 100
74 23.1 18.9 28.3

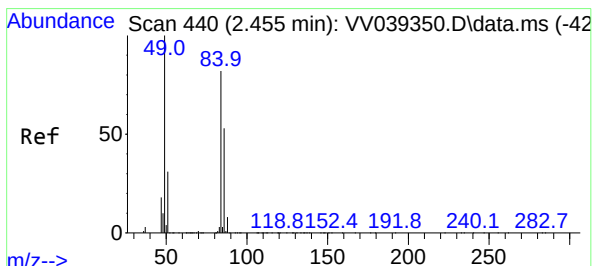
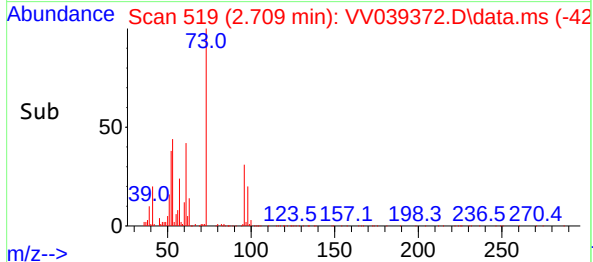
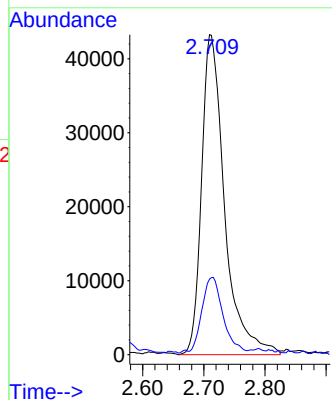
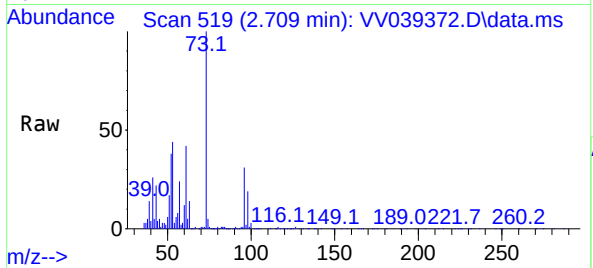




#19
Methyl tert-butyl Ether
Concen: 5.354 ug/l
RT: 2.709 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

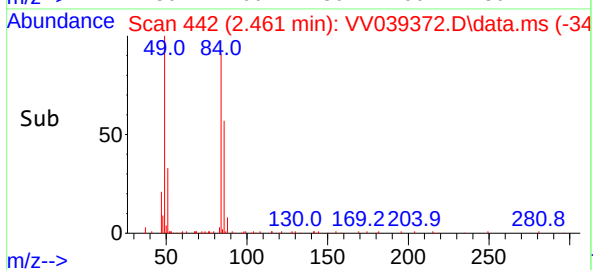
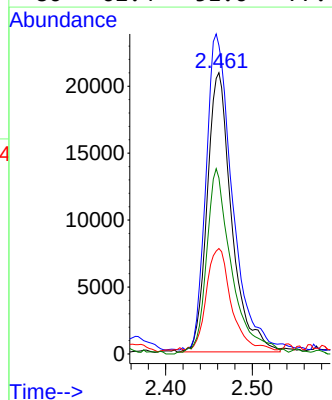
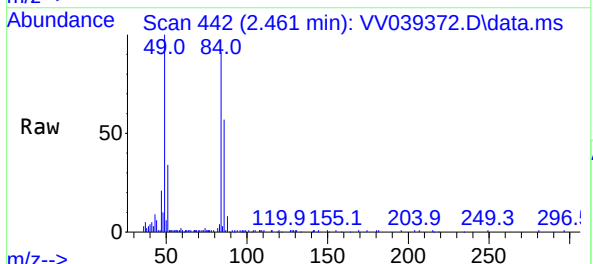
Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

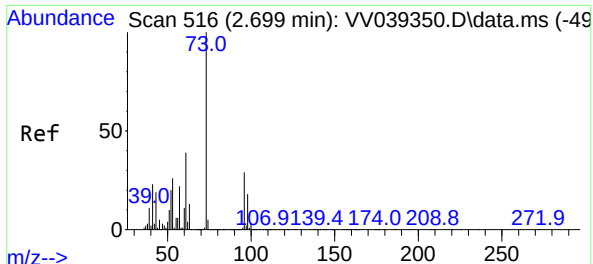
Tgt Ion: 73 Resp: 113039
Ion Ratio Lower Upper
73 100
57 23.0 17.0 25.6



#20
Methylene Chloride
Concen: 5.292 ug/l
RT: 2.461 min Scan# 442
Delta R.T. 0.006 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Tgt Ion: 84 Resp: 41145
Ion Ratio Lower Upper
84 100
49 107.7 97.8 146.8
51 36.1 30.2 45.4
86 62.4 51.6 77.4

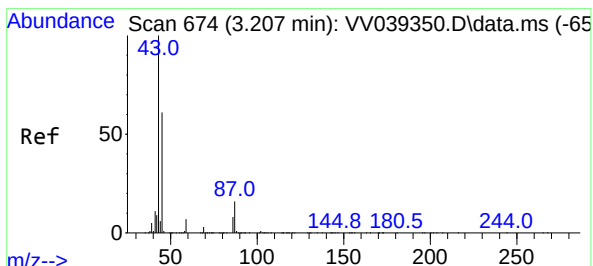
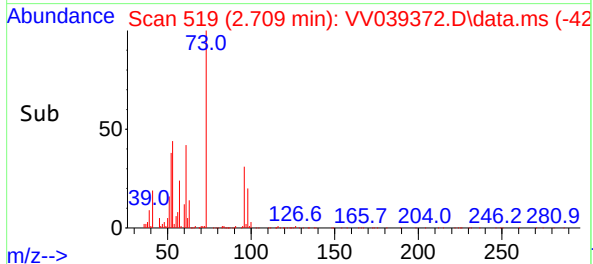
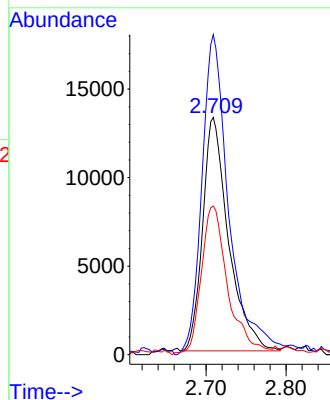
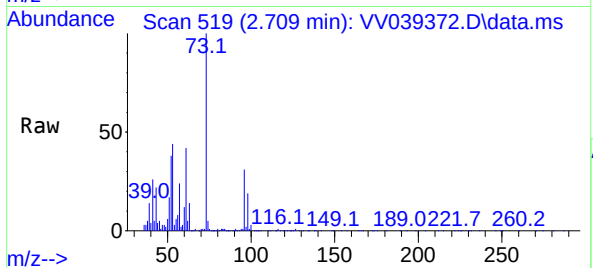




#21
trans-1,2-Dichloroethene
Concen: 5.344 ug/l
RT: 2.709 min Scan# 516
Delta R.T. 0.010 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

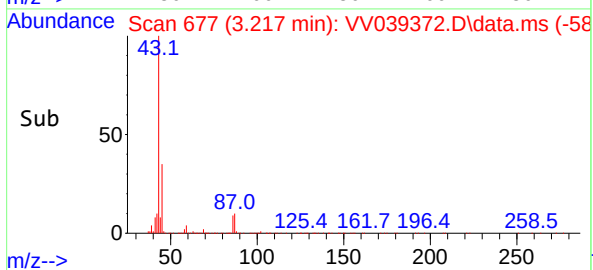
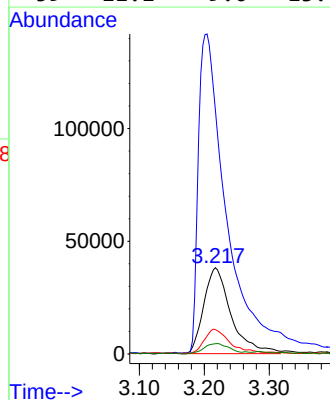
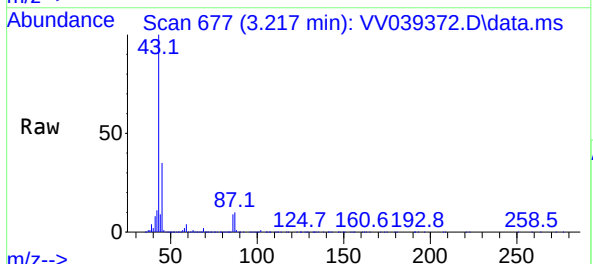
Instrument : MSVOA_V
ClientSampleId : LOQ-WATER-02-QT4-2025

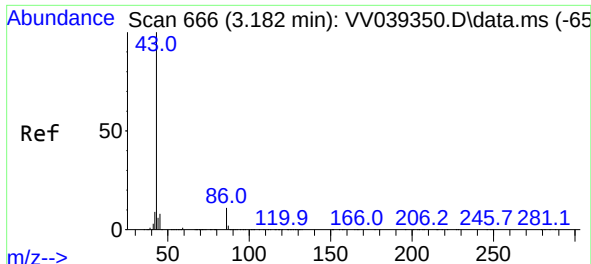
Tgt Ion: 96 Resp: 29763
Ion Ratio Lower Upper
96 100
61 134.4 108.9 163.3
98 62.7 51.7 77.5



#22
Diisopropyl ether
Concen: 5.146 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.010 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Tgt Ion: 45 Resp: 111877
Ion Ratio Lower Upper
45 100
43 282.6 132.1 198.1#
87 27.2 21.8 32.6
59 11.1 9.0 13.4

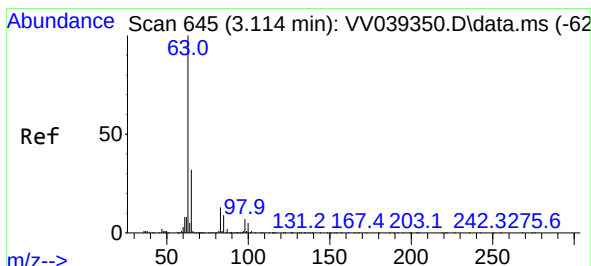
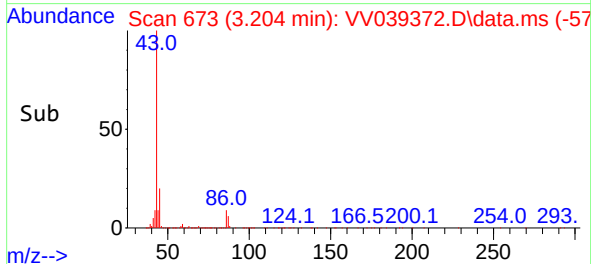
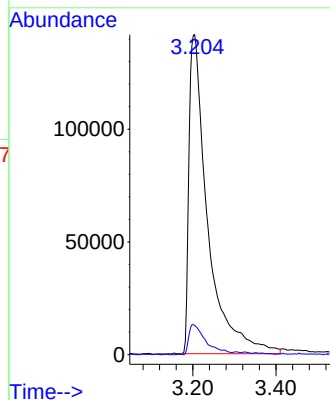
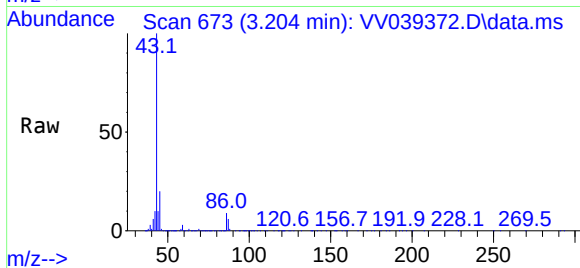




#23
 Vinyl Acetate
 Concen: 28.844 ug/l
 RT: 3.204 min Scan# 61
 Delta R.T. 0.022 min
 Lab File: VV039372.D
 Acq: 12 Nov 2025 14:01

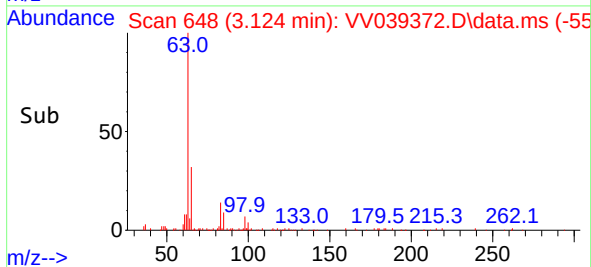
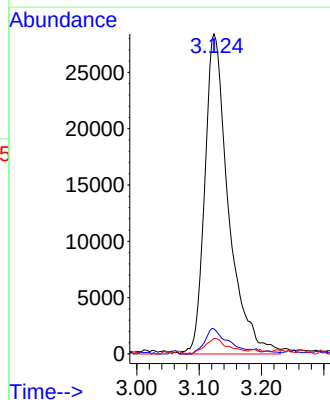
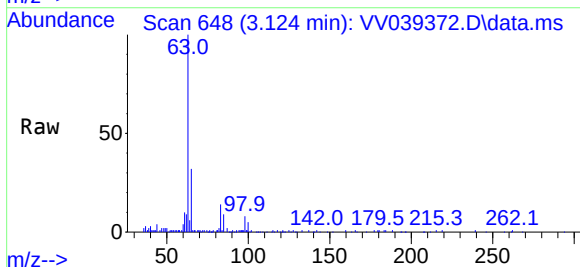
Instrument :
 MSVOA_V
 ClientSampleId :
 LOQ-WATER-02-QT4-2025

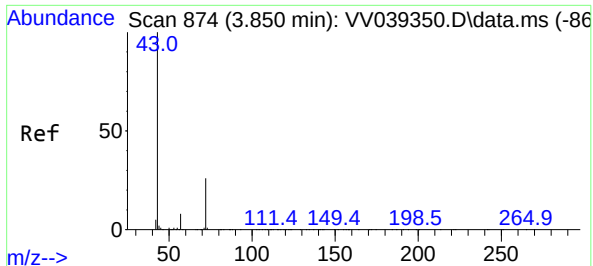
Tgt Ion: 43 Resp: 442894
 Ion Ratio Lower Upper
 43 100
 86 9.1 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 5.681 ug/l
 RT: 3.124 min Scan# 648
 Delta R.T. 0.010 min
 Lab File: VV039372.D
 Acq: 12 Nov 2025 14:01

Tgt Ion: 63 Resp: 75100
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.5
 100 4.0 2.3 6.9

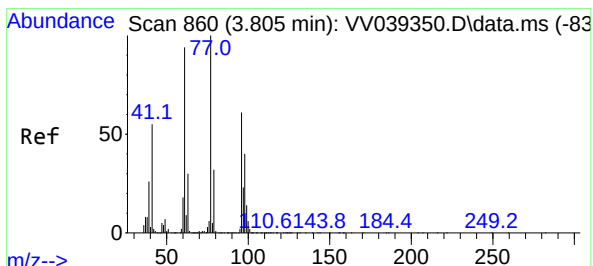
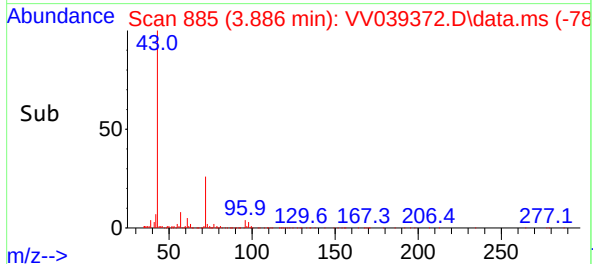
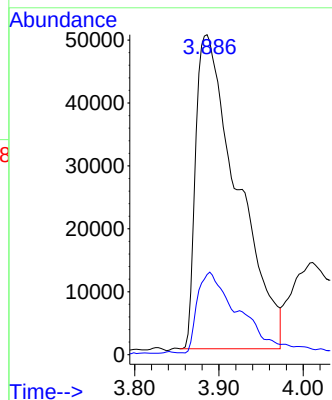
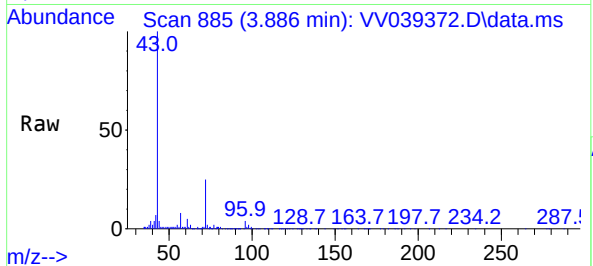




#25
2-Butanone
Concen: 32.643 ug/l
RT: 3.886 min Scan# 885
Delta R.T. 0.035 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

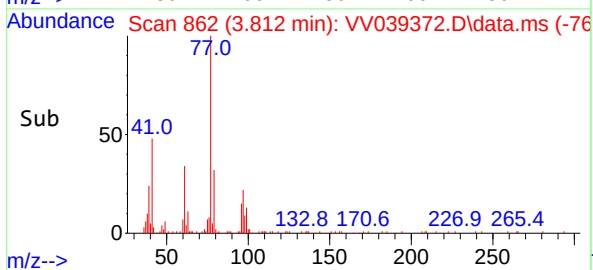
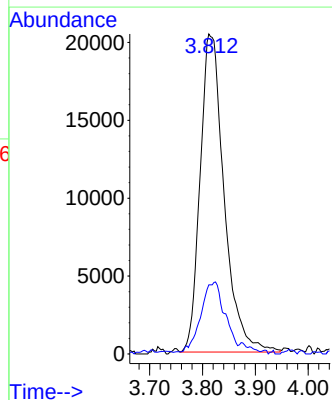
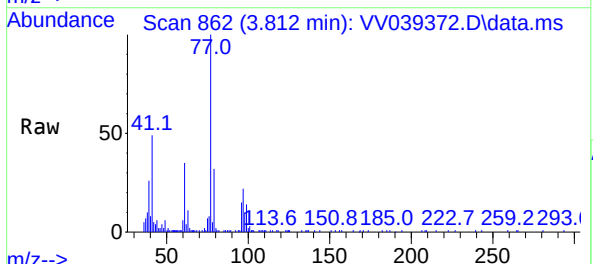
Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

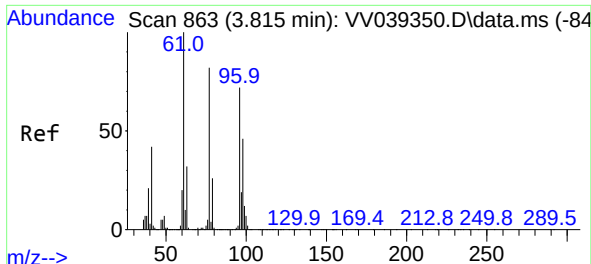
Tgt Ion: 43 Resp: 171501
Ion Ratio Lower Upper
43 100
72 24.9 20.5 30.7



#26
2,2-Dichloropropane
Concen: 5.795 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.006 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Tgt Ion: 77 Resp: 64425
Ion Ratio Lower Upper
77 100
97 21.8 11.3 33.8

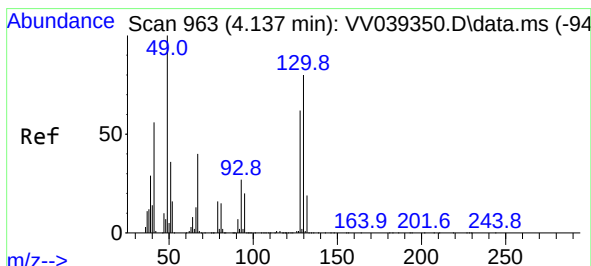
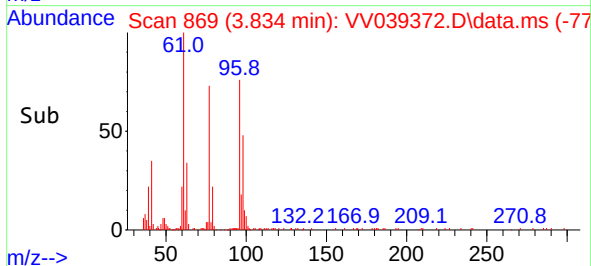
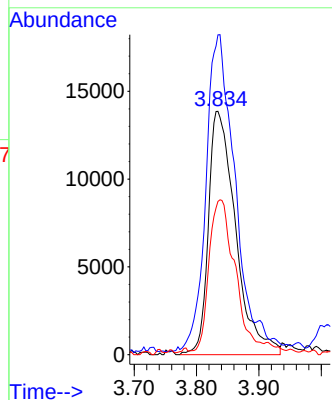
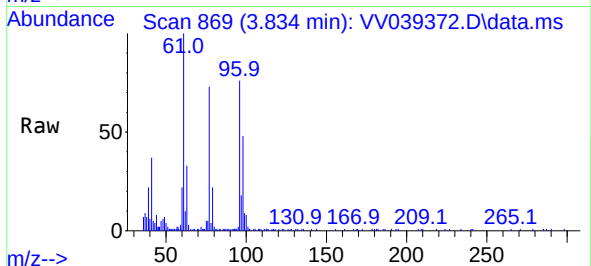




#27
cis-1,2-Dichloroethene
Concen: 5.564 ug/l
RT: 3.834 min Scan# 80
Delta R.T. 0.019 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

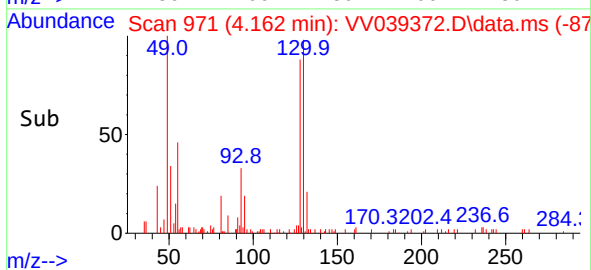
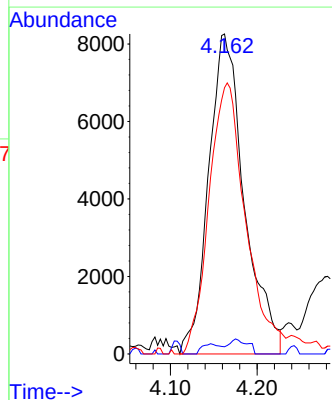
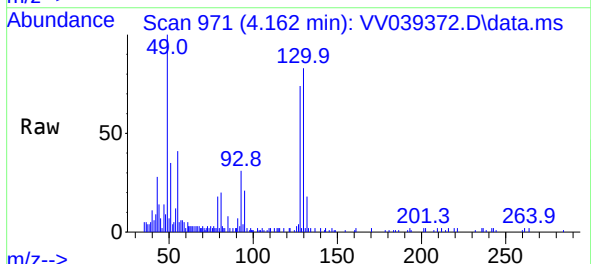
Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

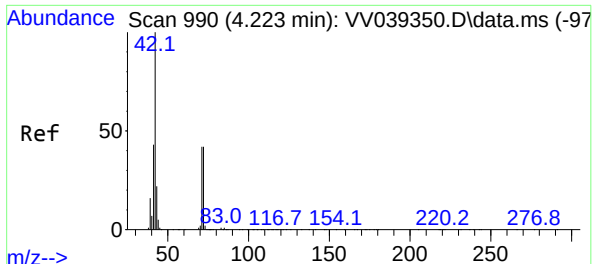
Tgt Ion: 96 Resp: 42084
Ion Ratio Lower Upper
96 100
61 133.5 0.0 287.8
98 57.7 0.0 129.6



#28
Bromochloromethane
Concen: 4.099 ug/l
RT: 4.162 min Scan# 971
Delta R.T. 0.026 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Tgt Ion: 49 Resp: 23697
Ion Ratio Lower Upper
49 100
129 2.4 0.0 2.0#
130 86.9 67.9 101.9





#29

Tetrahydrofuran

Concen: 25.574 ug/l

RT: 4.249 min Scan# 99

Delta R.T. 0.026 min

Lab File: VV039372.D

Acq: 12 Nov 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

LOQ-WATER-02-QT4-2025

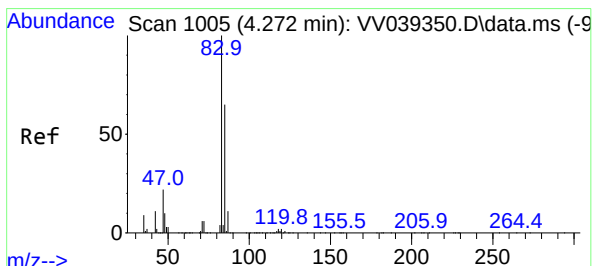
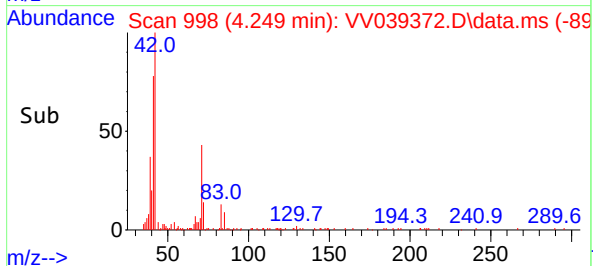
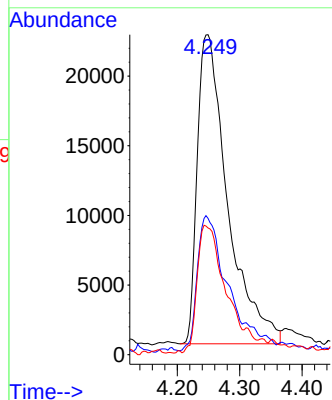
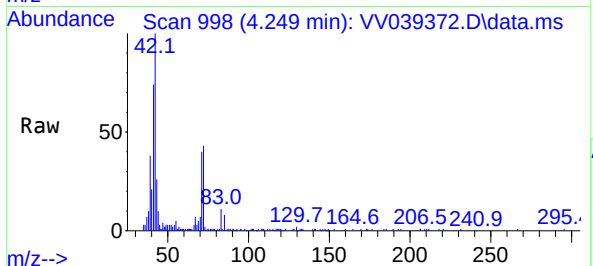
Tgt Ion: 42 Resp: 75212

Ion Ratio Lower Upper

42 100

72 43.1 35.3 52.9

71 37.1 34.0 51.0



#30

Chloroform

Concen: 5.633 ug/l

RT: 4.285 min Scan# 1009

Delta R.T. 0.013 min

Lab File: VV039372.D

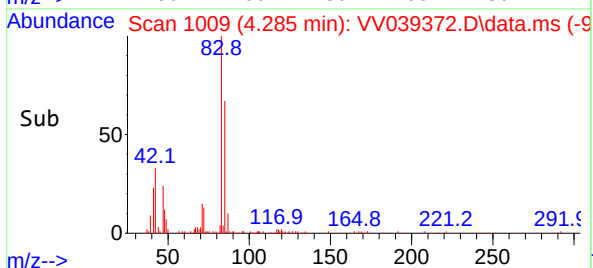
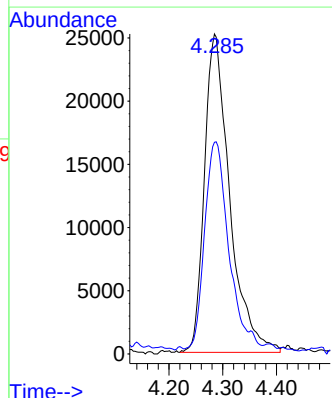
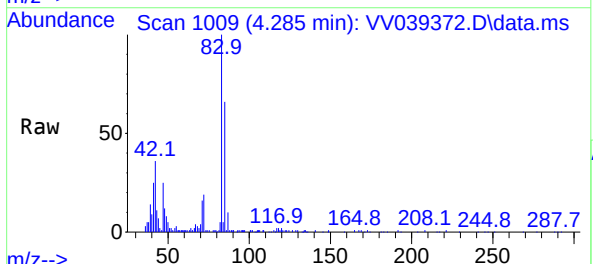
Acq: 12 Nov 2025 14:01

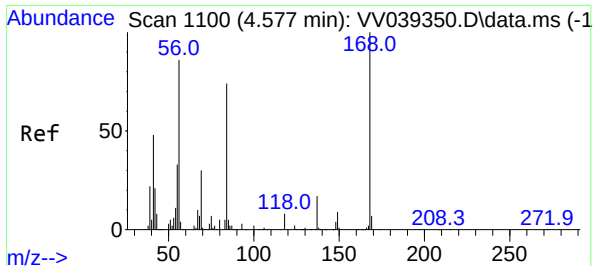
Tgt Ion: 83 Resp: 82237

Ion Ratio Lower Upper

83 100

85 64.5 51.8 77.8





#31

Cyclohexane

Concen: 6.622 ug/l

RT: 4.587 min Scan# 1100

Delta R.T. 0.010 min

Lab File: VV039372.D

Acq: 12 Nov 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

LOQ-WATER-02-QT4-2025

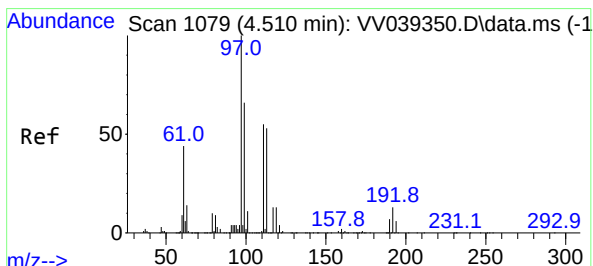
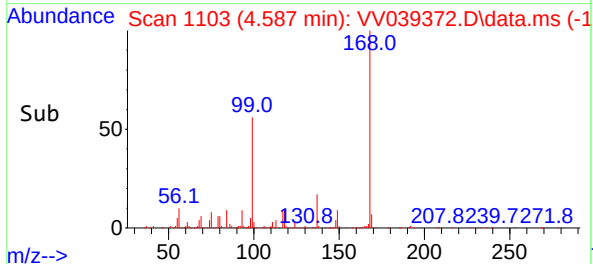
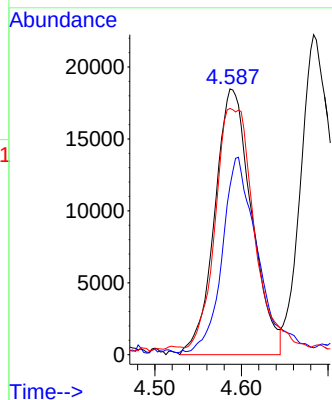
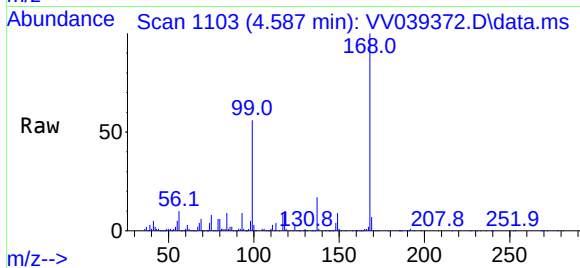
Tgt Ion: 56 Resp: 54787

Ion Ratio Lower Upper

56 100

69 62.4 27.7 41.5#

84 89.8 69.4 104.2



#32

1,1,1-Trichloroethane

Concen: 5.704 ug/l

RT: 4.513 min Scan# 1080

Delta R.T. 0.003 min

Lab File: VV039372.D

Acq: 12 Nov 2025 14:01

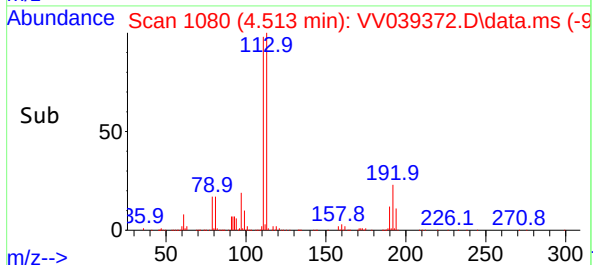
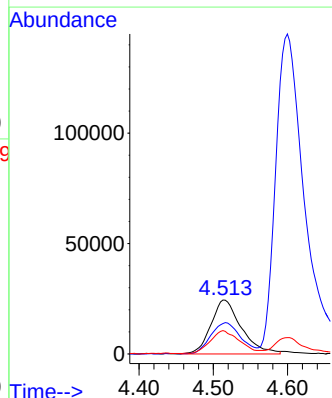
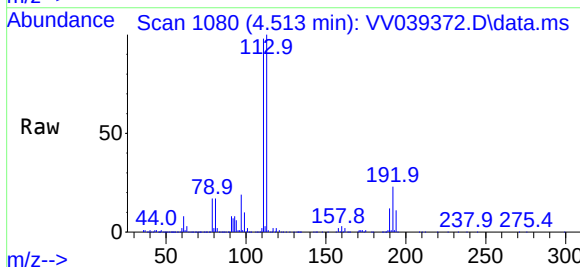
Tgt Ion: 97 Resp: 69640

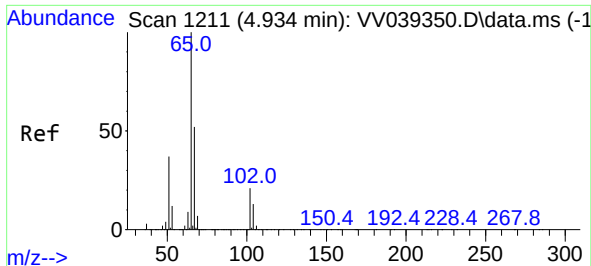
Ion Ratio Lower Upper

97 100

99 56.1 49.9 74.9

61 41.1 33.9 50.9





#33

1,2-Dichloroethane-d4

Concen: 53.990 ug/l

RT: 4.940 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV039372.D

Acq: 12 Nov 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

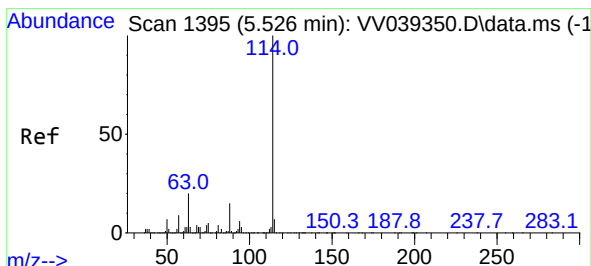
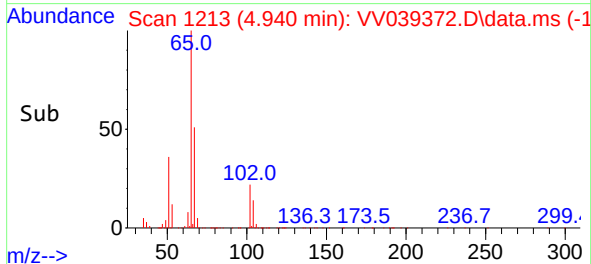
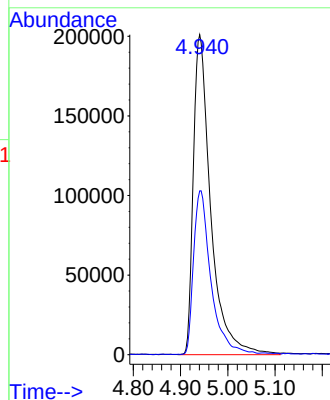
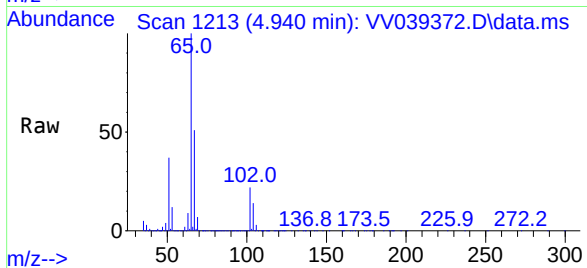
LOQ-WATER-02-QT4-2025

Tgt Ion: 65 Resp: 513823

Ion Ratio Lower Upper

65 100

67 51.0 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.006 min

Lab File: VV039372.D

Acq: 12 Nov 2025 14:01

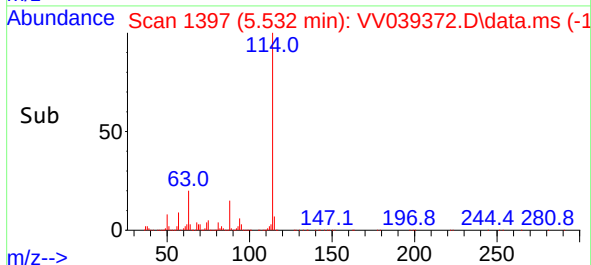
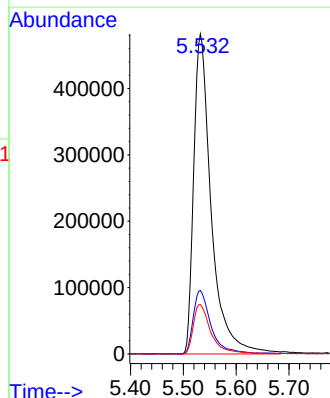
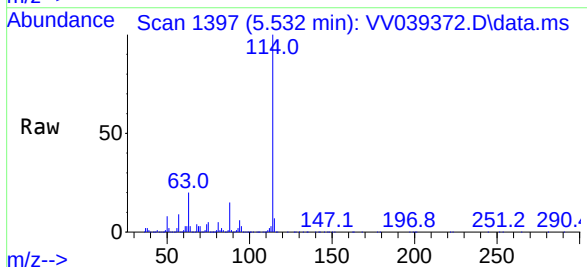
Tgt Ion:114 Resp: 1111186

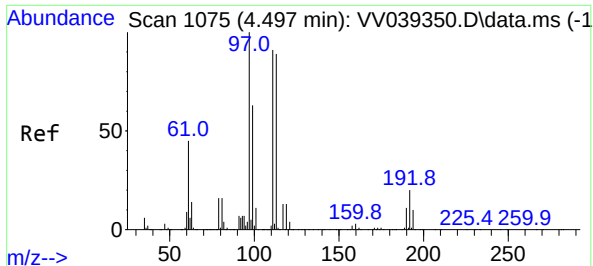
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

88 15.4 0.0 30.2





#35

Dibromofluoromethane

Concen: 52.085 ug/l

RT: 4.503 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VV039372.D

Acq: 12 Nov 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

LOQ-WATER-02-QT4-2025

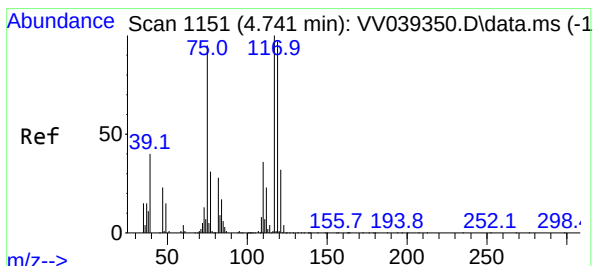
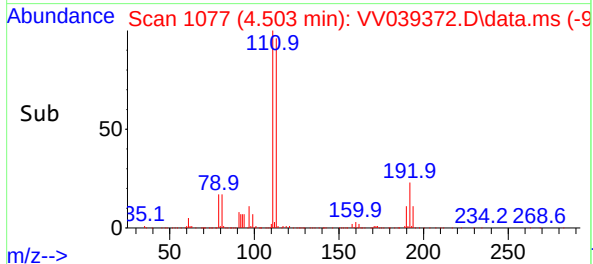
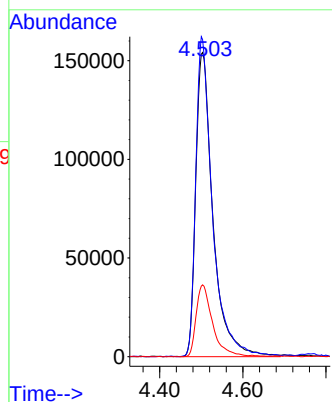
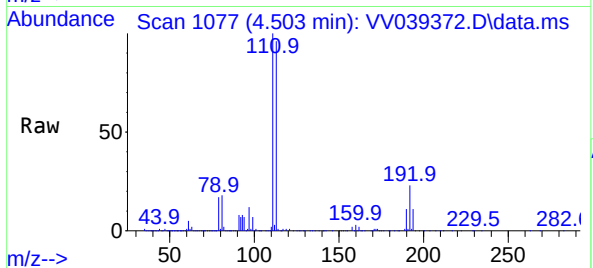
Tgt Ion:113 Resp: 443906

Ion Ratio Lower Upper

113 100

111 100.8 82.6 124.0

192 22.4 17.8 26.8



#36

1,1-Dichloropropene

Concen: 4.973 ug/l

RT: 4.764 min Scan# 1158

Delta R.T. 0.022 min

Lab File: VV039372.D

Acq: 12 Nov 2025 14:01

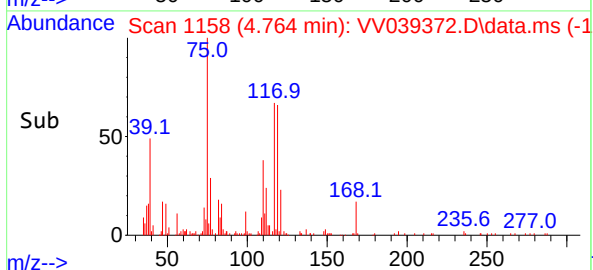
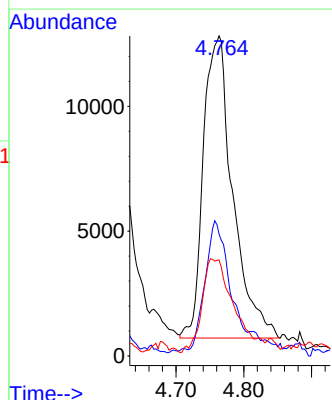
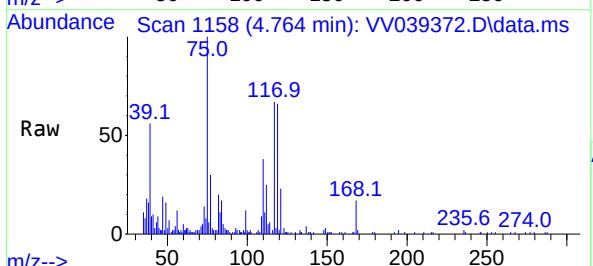
Tgt Ion: 75 Resp: 36504

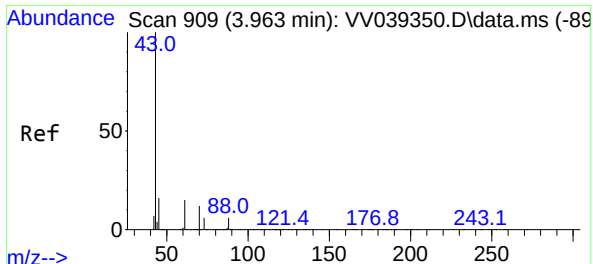
Ion Ratio Lower Upper

75 100

110 35.1 18.1 54.4

77 32.4 24.0 36.0





#37

Ethyl Acetate

Concen: 4.096 ug/l

RT: 4.011 min Scan# 91

Delta R.T. 0.048 min

Lab File: VV039372.D

Acq: 12 Nov 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

LOQ-WATER-02-QT4-2025

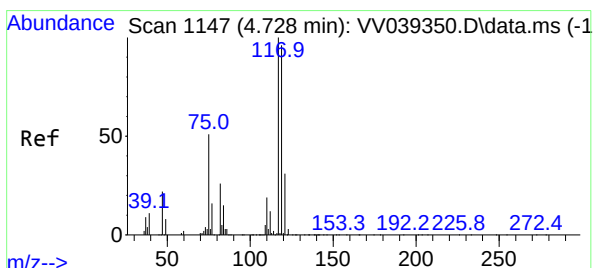
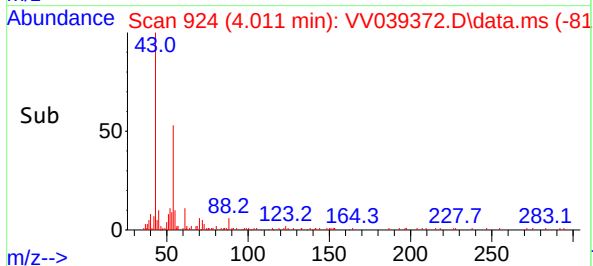
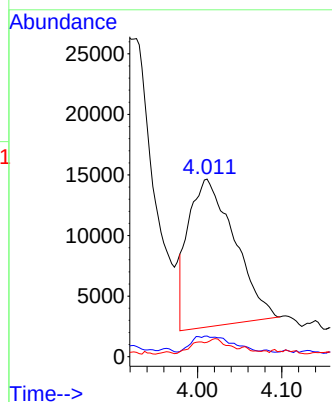
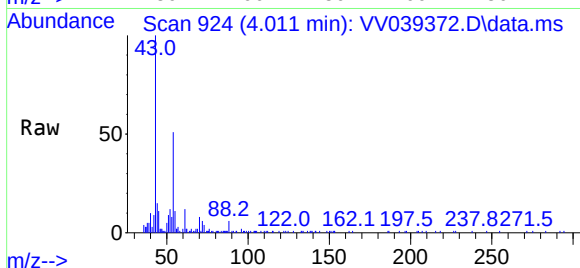
Tgt Ion: 43 Resp: 46189

Ion Ratio Lower Upper

43 100

61 0.0 9.3 13.9#

70 2.7 7.0 10.4#



#38

Carbon Tetrachloride

Concen: 5.242 ug/l

RT: 4.738 min Scan# 1150

Delta R.T. 0.010 min

Lab File: VV039372.D

Acq: 12 Nov 2025 14:01

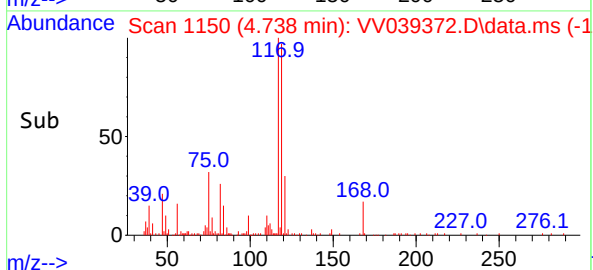
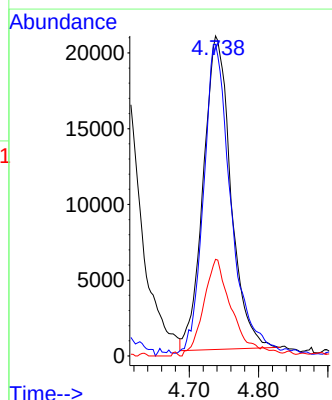
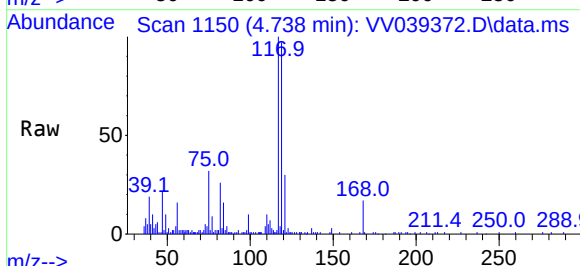
Tgt Ion: 117 Resp: 57163

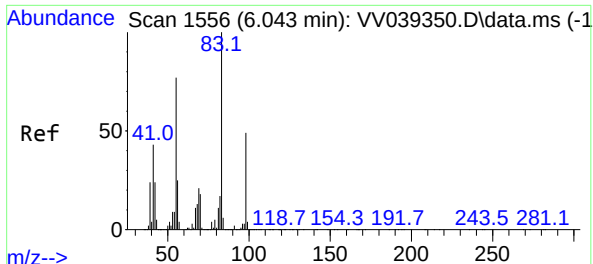
Ion Ratio Lower Upper

117 100

119 98.5 76.1 114.1

121 31.1 25.0 37.4





#39

Methylcyclohexane

Concen: 5.429 ug/l

RT: 6.047 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV039372.D

Acq: 12 Nov 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

LOQ-WATER-02-QT4-2025

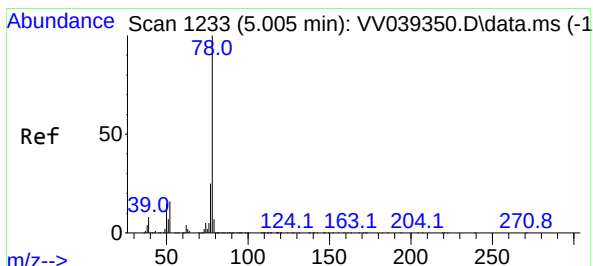
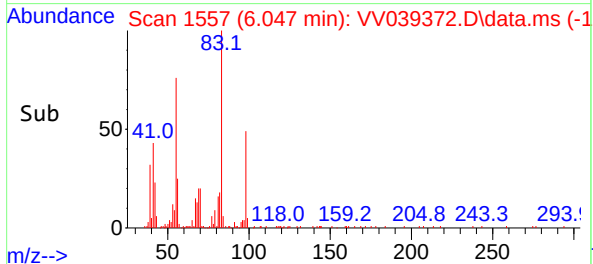
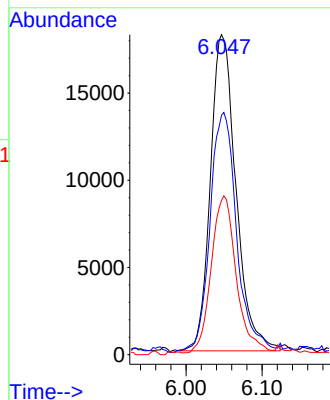
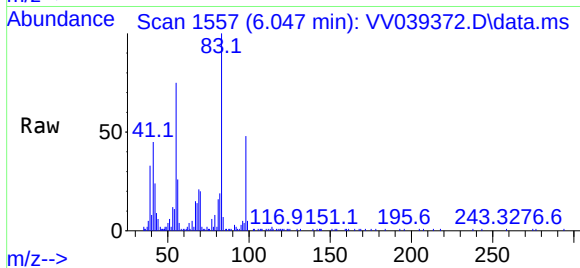
Tgt Ion: 83 Resp: 42430

Ion Ratio Lower Upper

83 100

55 74.2 61.3 91.9

98 47.0 39.0 58.6



#40

Benzene

Concen: 5.537 ug/l

RT: 5.018 min Scan# 1237

Delta R.T. 0.013 min

Lab File: VV039372.D

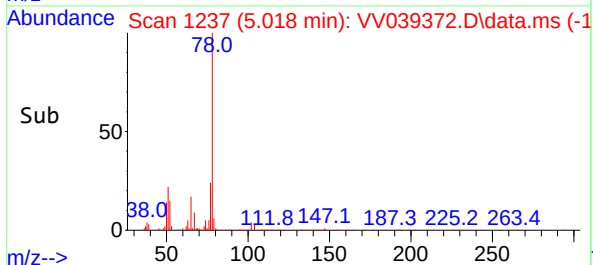
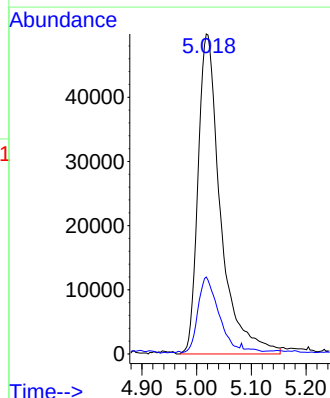
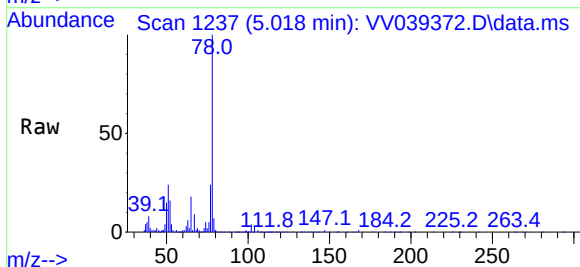
Acq: 12 Nov 2025 14:01

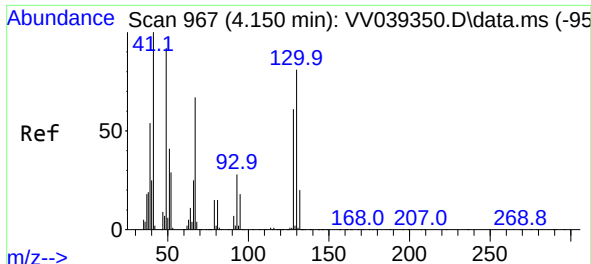
Tgt Ion: 78 Resp: 142145

Ion Ratio Lower Upper

78 100

77 23.3 19.6 29.4

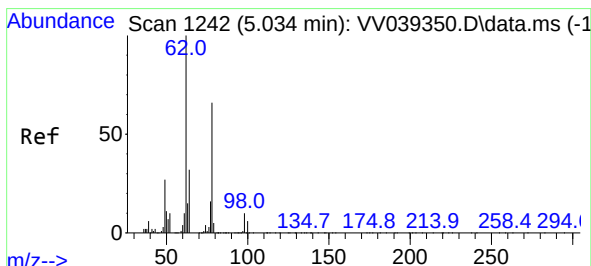
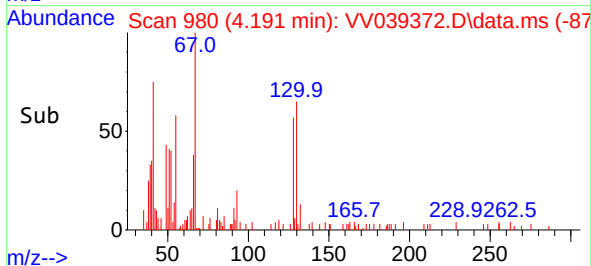
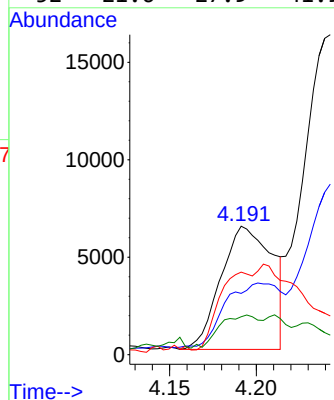
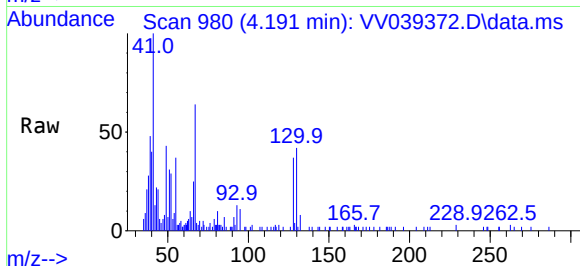




#41
Methacrylonitrile
Concen: 3.249 ug/l
RT: 4.191 min Scan# 91
Delta R.T. 0.042 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

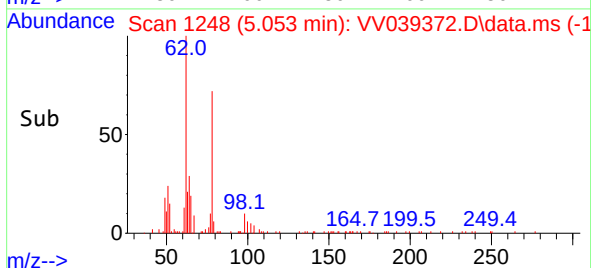
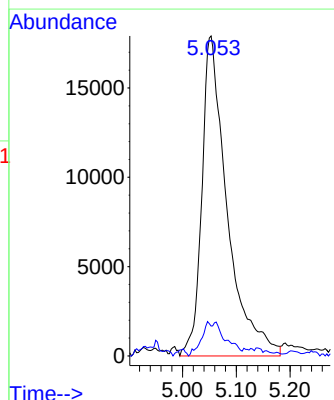
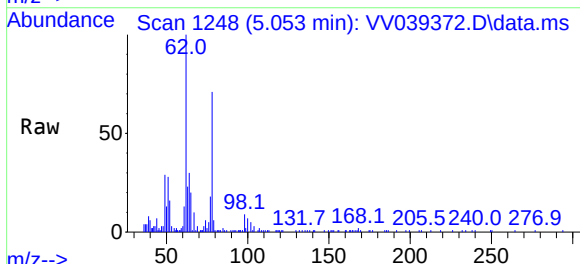
Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

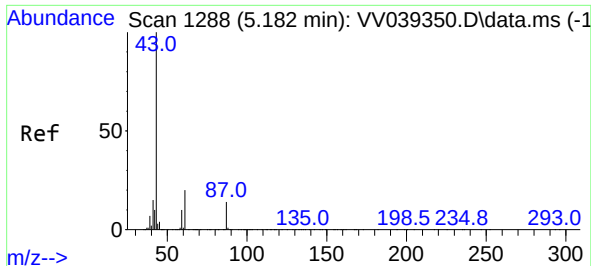
Tgt Ion: 41 Resp: 13085
Ion Ratio Lower Upper
41 100
39 57.8 44.3 66.5
67 41.3 71.4 107.2#
52 21.6 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 5.860 ug/l
RT: 5.053 min Scan# 1248
Delta R.T. 0.019 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Tgt Ion: 62 Resp: 58619
Ion Ratio Lower Upper
62 100
98 4.2 0.0 18.6

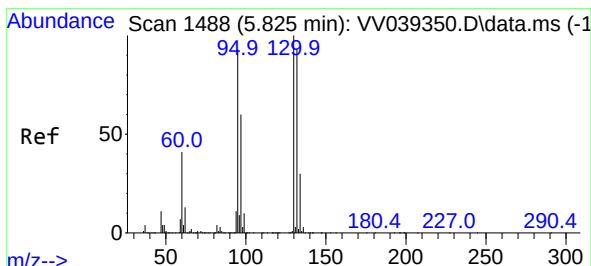
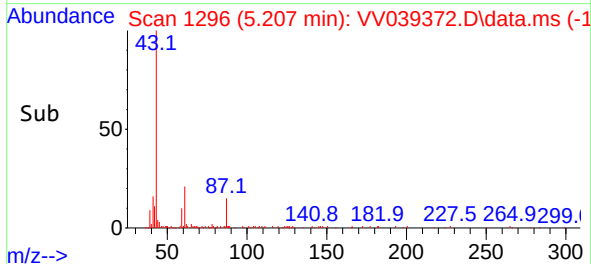
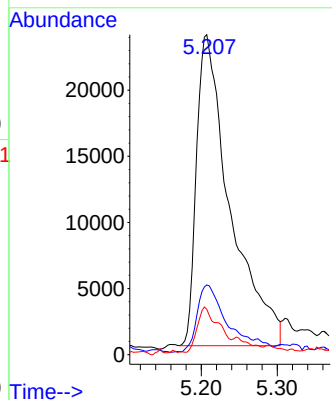
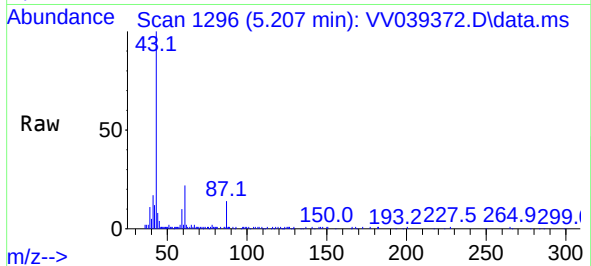




#43
Isopropyl Acetate
Concen: 4.814 ug/l
RT: 5.207 min Scan# 1493
Delta R.T. 0.026 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

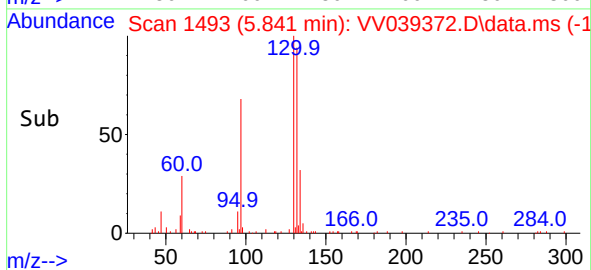
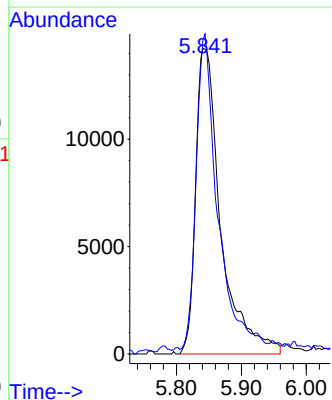
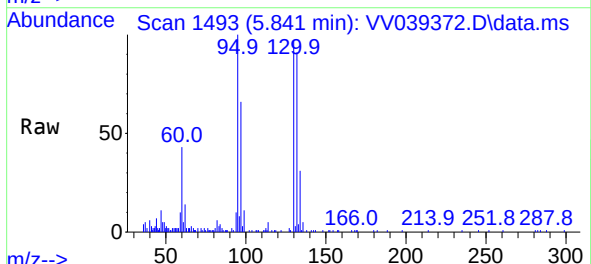
Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

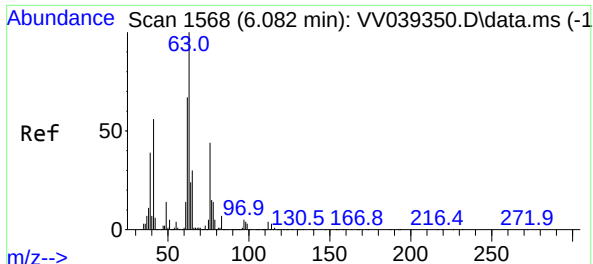
Tgt Ion: 43 Resp: 72328
Ion Ratio Lower Upper
43 100
61 18.7 15.7 23.5
87 9.3 11.1 16.7#



#44
Trichloroethene
Concen: 5.505 ug/l
RT: 5.841 min Scan# 1493
Delta R.T. 0.016 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Tgt Ion:130 Resp: 38344
Ion Ratio Lower Upper
130 100
95 101.2 0.0 186.8





#45

1,2-Dichloropropane

Concen: 5.205 ug/l

RT: 6.095 min Scan# 1

Delta R.T. 0.013 min

Lab File: VV039372.D

Acq: 12 Nov 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

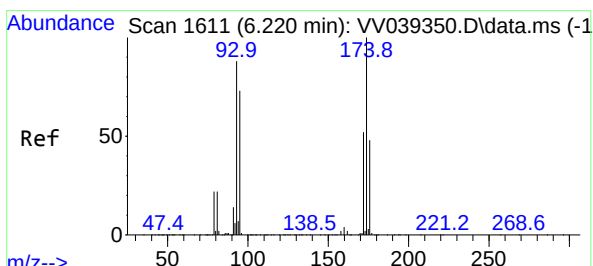
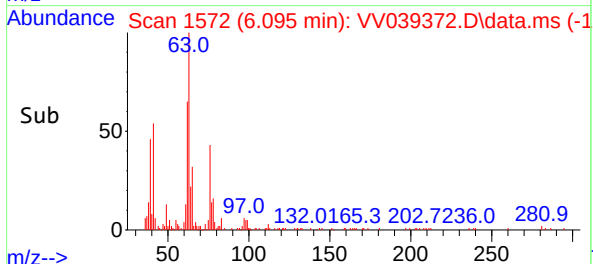
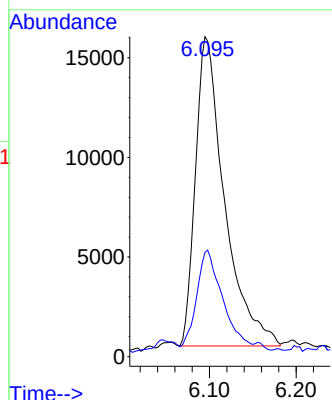
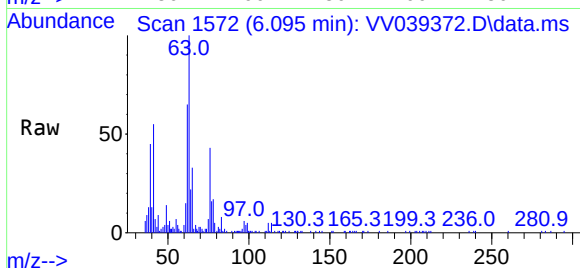
LOQ-WATER-02-QT4-2025

Tgt Ion: 63 Resp: 36150

Ion Ratio Lower Upper

63 100

65 31.3 23.9 35.9



#46

Dibromomethane

Concen: 5.340 ug/l

RT: 6.239 min Scan# 1617

Delta R.T. 0.019 min

Lab File: VV039372.D

Acq: 12 Nov 2025 14:01

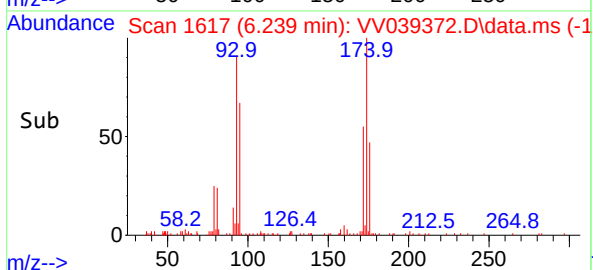
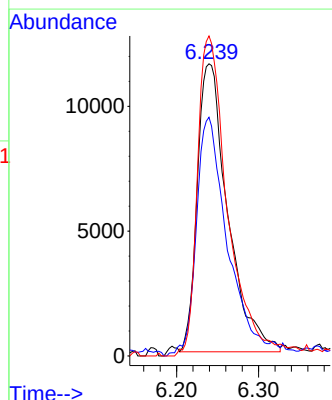
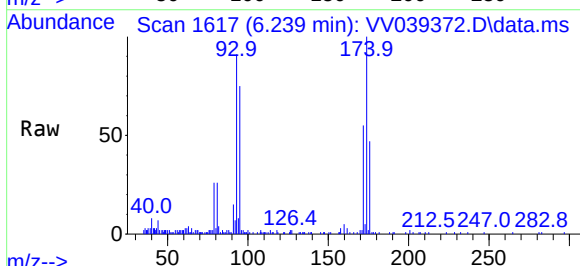
Tgt Ion: 93 Resp: 29826

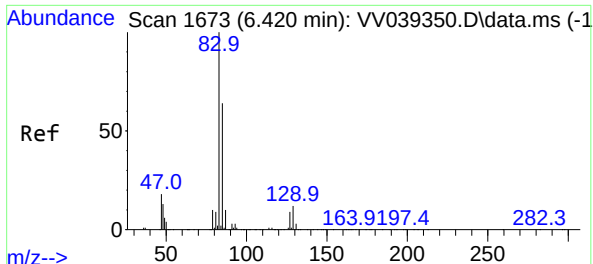
Ion Ratio Lower Upper

93 100

95 83.7 65.9 98.9

174 110.2 91.4 137.0

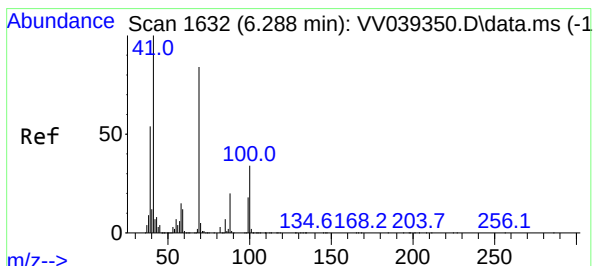
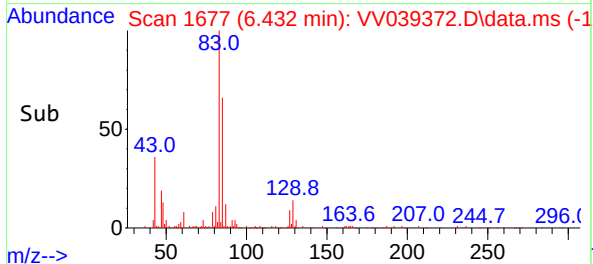
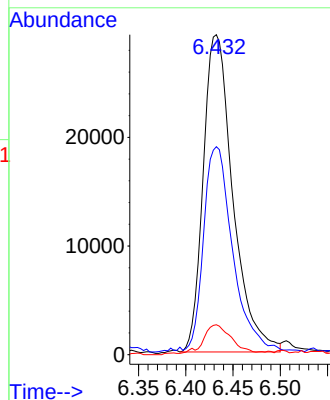
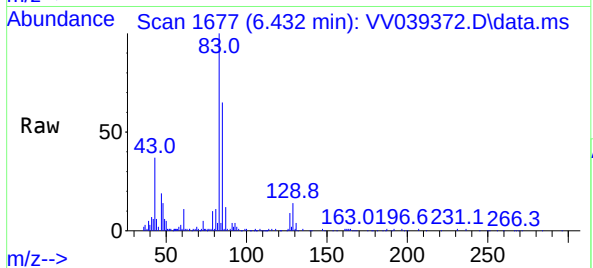




#47
Bromodichloromethane
Concen: 5.279 ug/l
RT: 6.432 min Scan# 1641
Delta R.T. 0.013 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

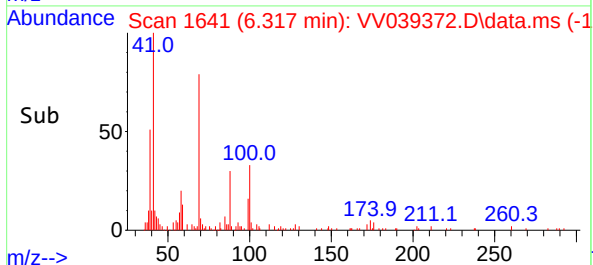
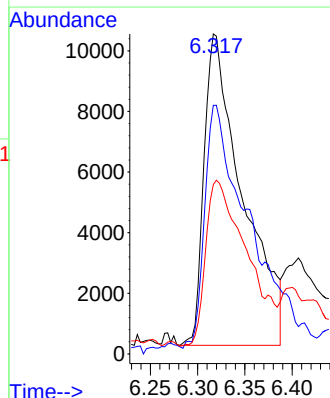
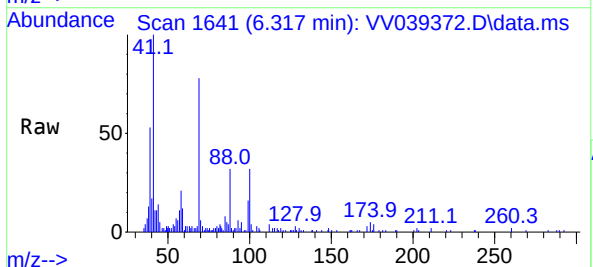
Instrument : MSVOA_V
ClientSampleId : LOQ-WATER-02-QT4-2025

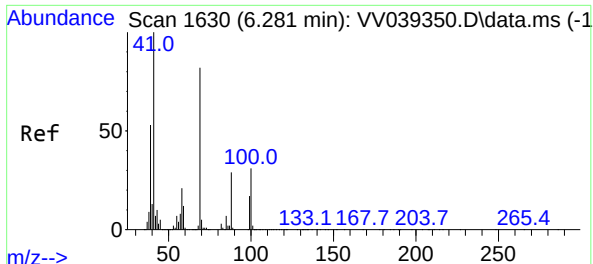
Tgt Ion: 83 Resp: 63859
Ion Ratio Lower Upper
83 100
85 63.8 51.0 76.4
127 9.0 7.3 10.9



#48
Methyl methacrylate
Concen: 4.153 ug/l
RT: 6.317 min Scan# 1641
Delta R.T. 0.029 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Tgt Ion: 41 Resp: 29059
Ion Ratio Lower Upper
41 100
69 89.8 69.1 103.7
39 57.3 42.8 64.2





#49

1,4-Dioxane

Concen: 59.072 ug/l

RT: 6.310 min Scan# 1

Delta R.T. 0.029 min

Lab File: VV039372.D

Acq: 12 Nov 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

LOQ-WATER-02-QT4-2025

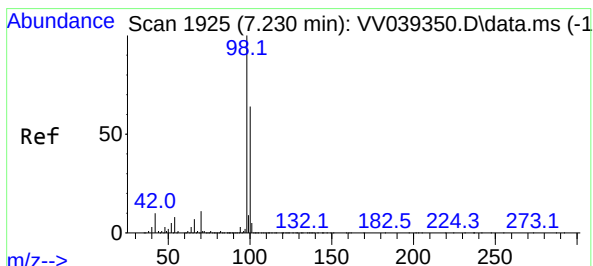
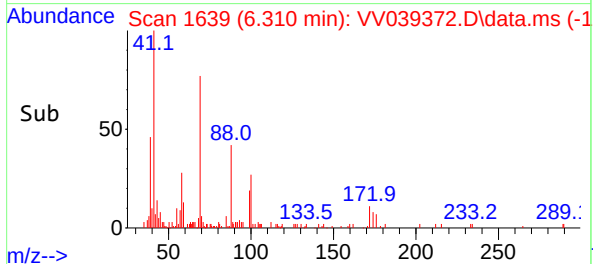
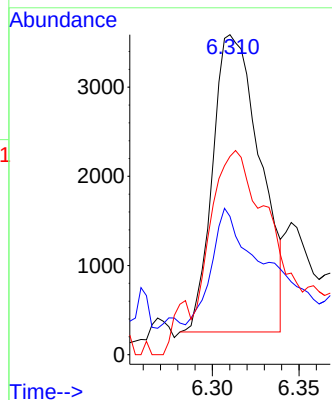
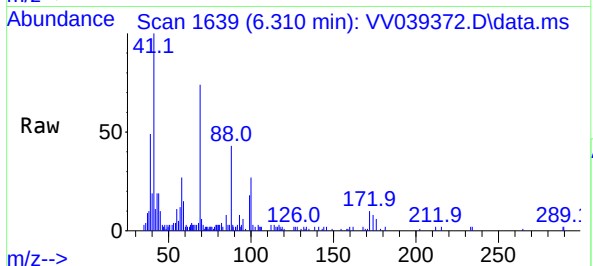
Tgt Ion: 88 Resp: 6366

Ion Ratio Lower Upper

88 100

43 45.4 26.6 40.0#

58 74.0 55.4 83.0



#50

Toluene-d8

Concen: 49.963 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.006 min

Lab File: VV039372.D

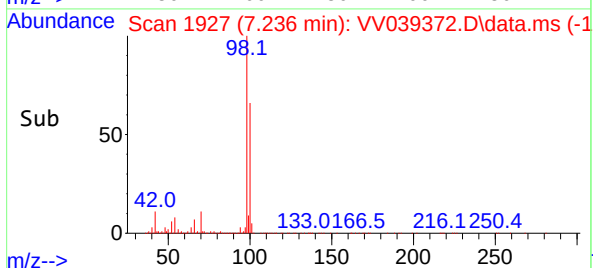
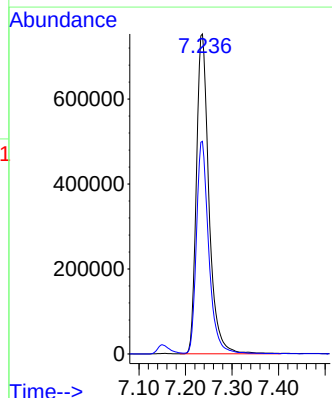
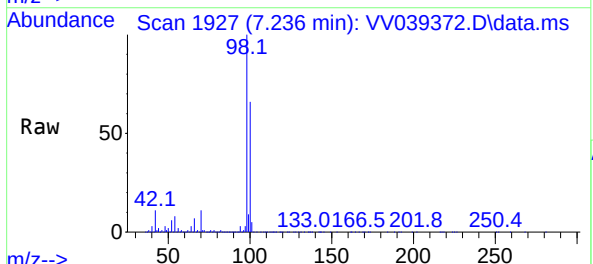
Acq: 12 Nov 2025 14:01

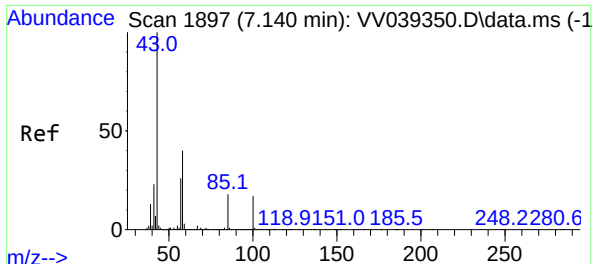
Tgt Ion: 98 Resp: 1407128

Ion Ratio Lower Upper

98 100

100 64.8 52.8 79.2

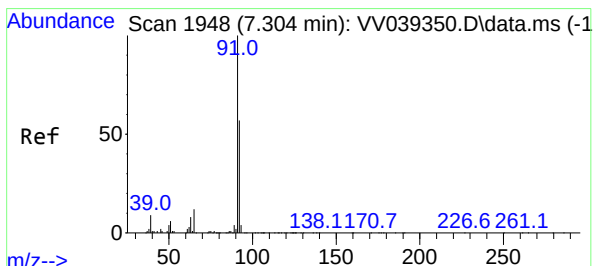
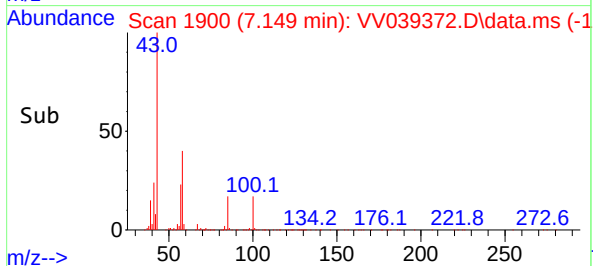
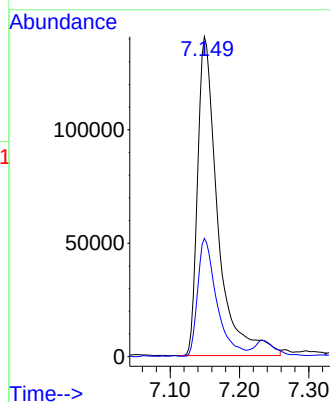
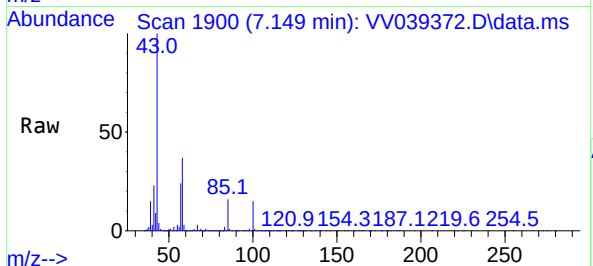




#51
4-Methyl-2-Pentanone
Concen: 27.755 ug/l
RT: 7.149 min Scan# 1900
Delta R.T. 0.010 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

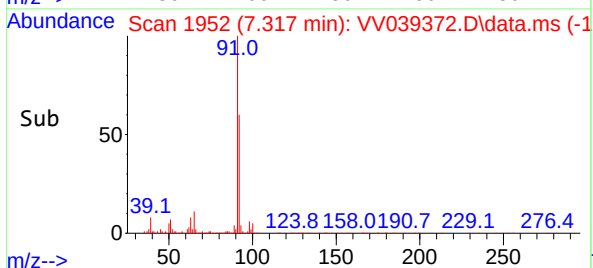
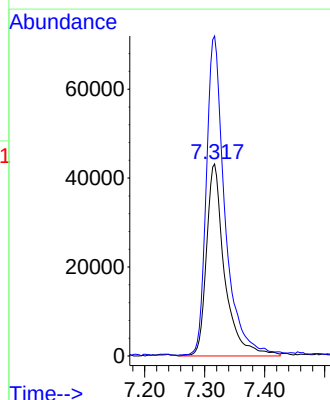
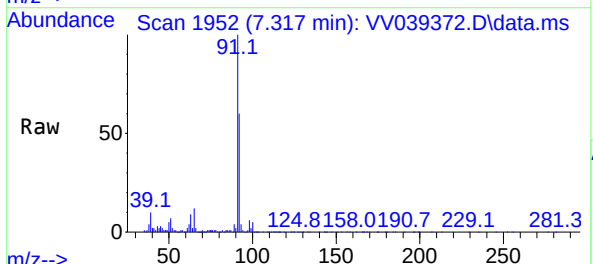
Instrument : MSVOA_V
ClientSampleId : LOQ-WATER-02-QT4-2025

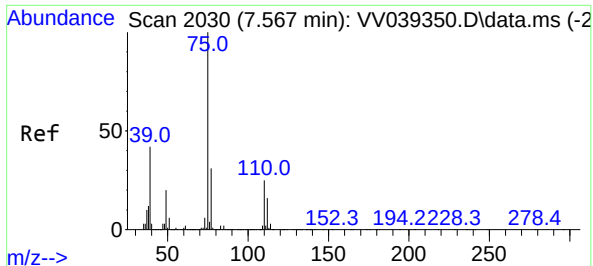
Tgt Ion: 43 Resp: 285028
Ion Ratio Lower Upper
43 100
58 34.8 31.8 47.6



#52
Toluene
Concen: 5.676 ug/l
RT: 7.317 min Scan# 1952
Delta R.T. 0.013 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Tgt Ion: 92 Resp: 91299
Ion Ratio Lower Upper
92 100
91 167.1 139.0 208.6

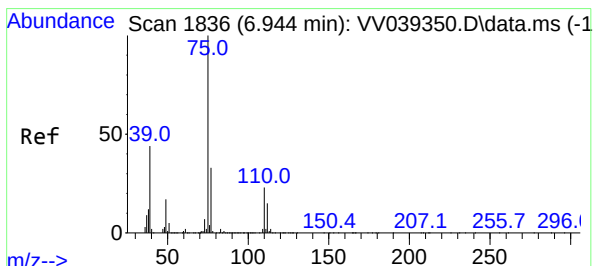
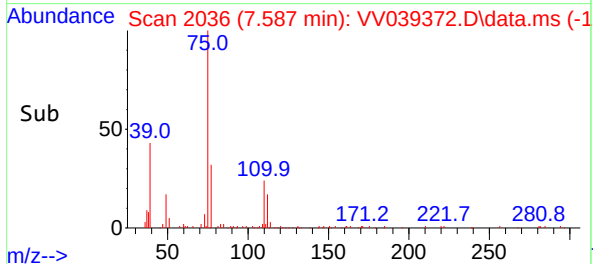
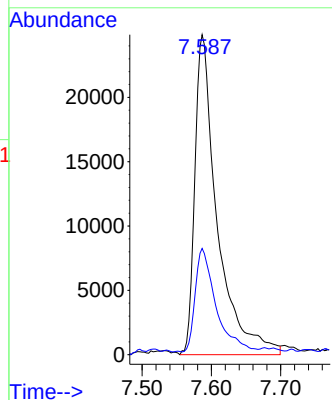
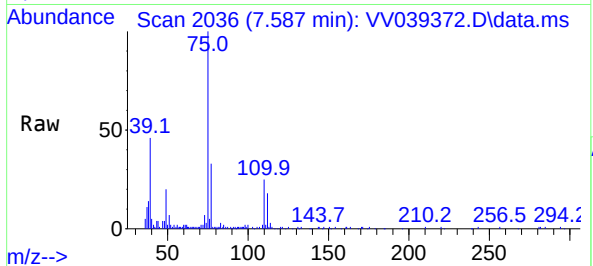




#53
 t-1,3-Dichloropropene
 Concen: 5.370 ug/l
 RT: 7.587 min Scan# 2030
 Delta R.T. 0.019 min
 Lab File: VV039372.D
 Acq: 12 Nov 2025 14:01

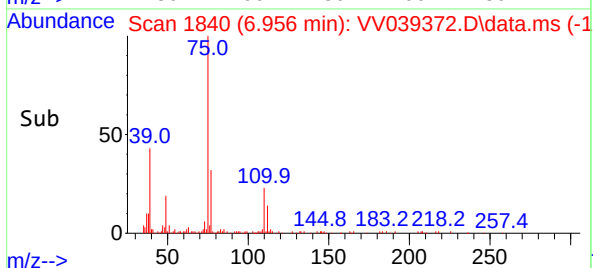
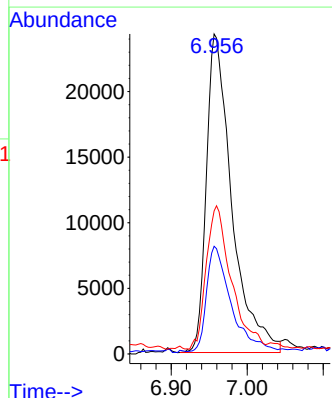
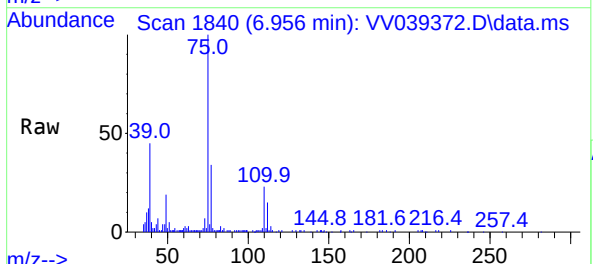
Instrument : MSVOA_V
 ClientSampleId : LOQ-WATER-02-QT4-2025

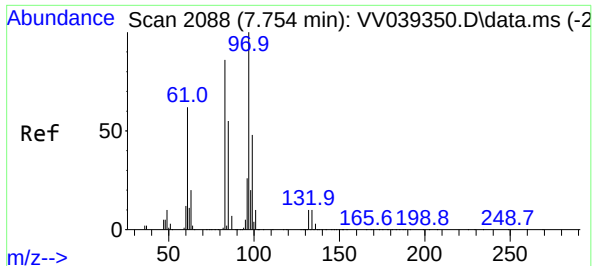
Tgt Ion: 75 Resp: 55890
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 5.122 ug/l
 RT: 6.956 min Scan# 1840
 Delta R.T. 0.013 min
 Lab File: VV039372.D
 Acq: 12 Nov 2025 14:01

Tgt Ion: 75 Resp: 56599
 Ion Ratio Lower Upper
 75 100
 77 32.6 26.3 39.5
 39 42.4 35.5 53.3



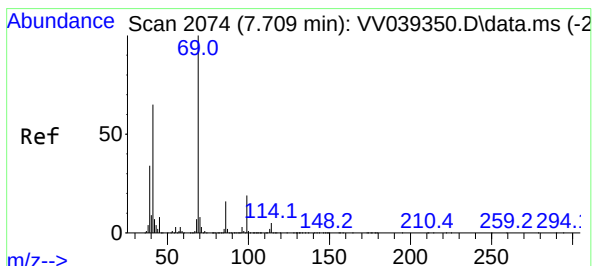
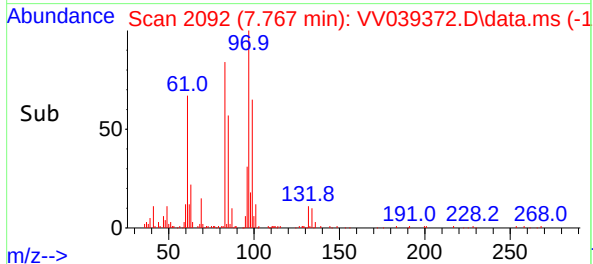
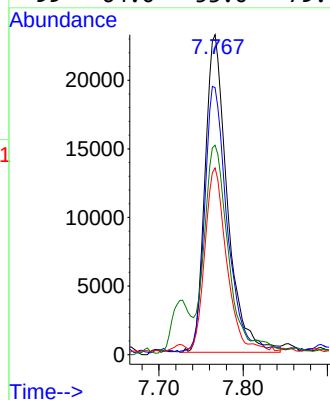
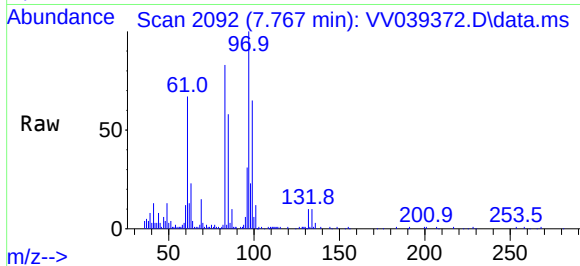


#55
1,1,2-Trichloroethane
Concen: 5.240 ug/l
RT: 7.767 min Scan# 2088
Delta R.T. 0.013 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Instrument : MSVOA_V
ClientSampleId : LOQ-WATER-02-QT4-2025

Tgt Ion: 97 Resp: 42674

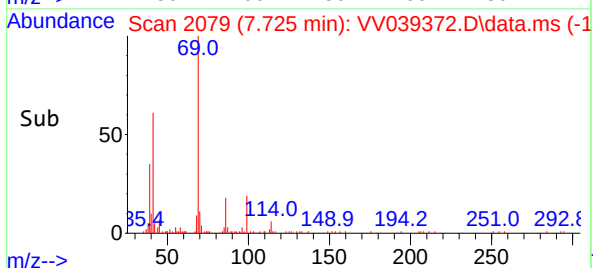
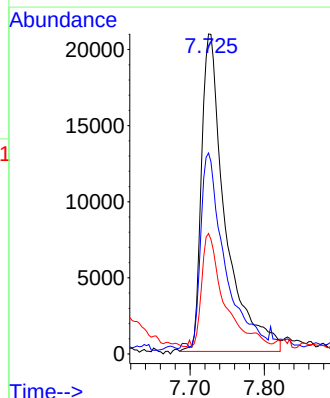
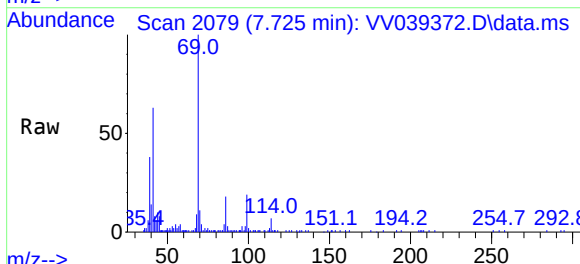
Ion	Ratio	Lower	Upper
97	100		
83	83.0	68.8	103.2
85	57.3	45.2	67.8
99	64.0	53.0	79.4

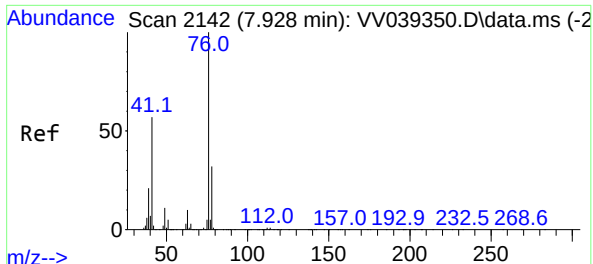


#56
Ethyl methacrylate
Concen: 4.733 ug/l
RT: 7.725 min Scan# 2079
Delta R.T. 0.016 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Tgt Ion: 69 Resp: 46542

Ion	Ratio	Lower	Upper
69	100		
41	60.9	52.5	78.7
39	31.5	26.7	40.1

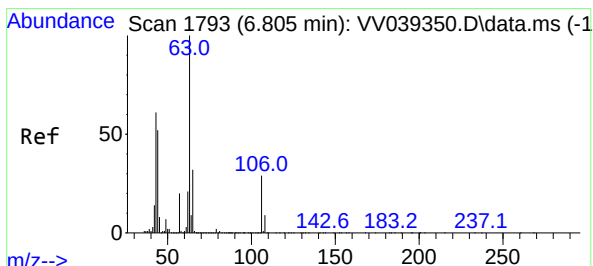
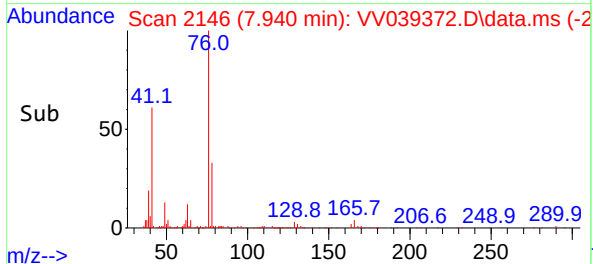
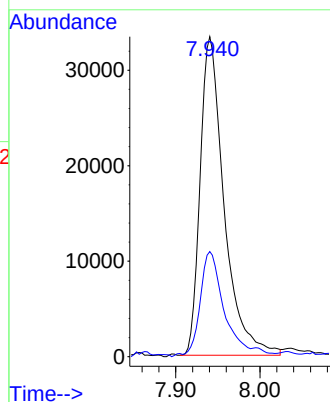
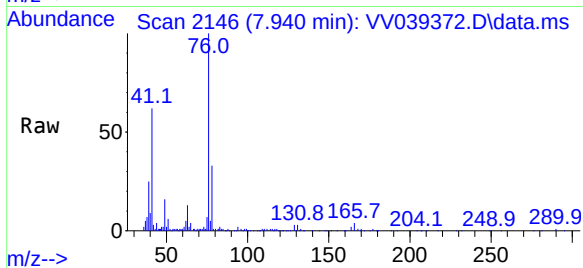




#57
1,3-Dichloropropane
Concen: 5.274 ug/l
RT: 7.940 min Scan# 2142
Delta R.T. 0.013 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

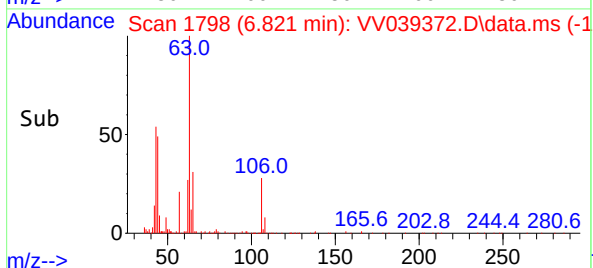
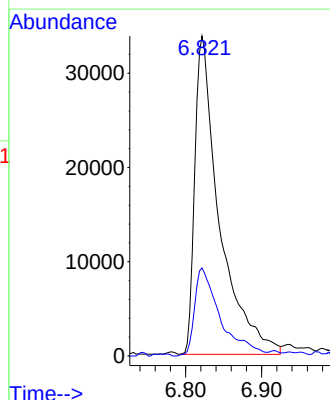
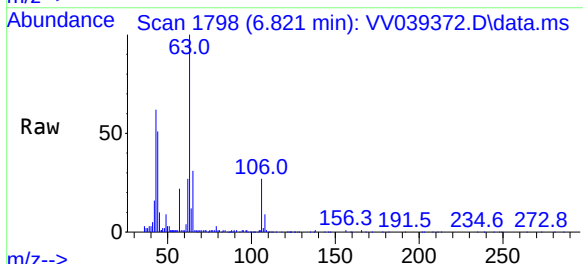
Instrument : MSVOA_V
ClientSampleId : LOQ-WATER-02-QT4-2025

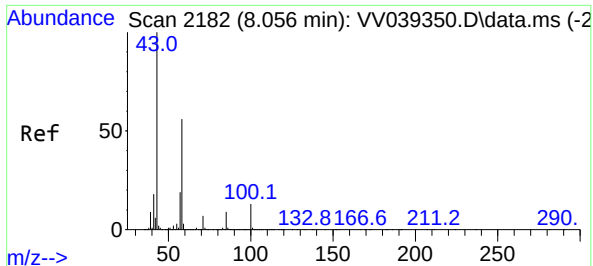
Tgt Ion: 76 Resp: 66061
Ion Ratio Lower Upper
76 100
78 32.4 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 27.191 ug/l
RT: 6.821 min Scan# 1798
Delta R.T. 0.016 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Tgt Ion: 63 Resp: 76039
Ion Ratio Lower Upper
63 100
106 28.9 23.3 34.9

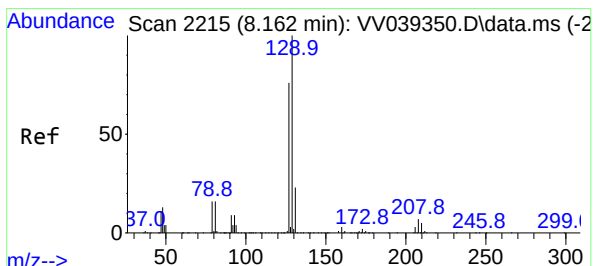
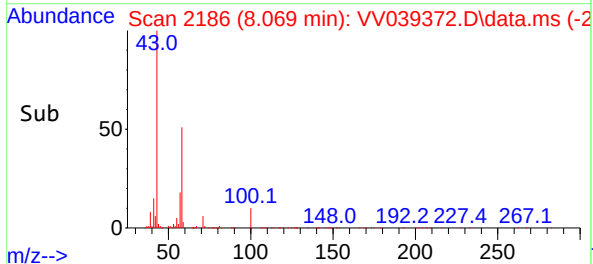
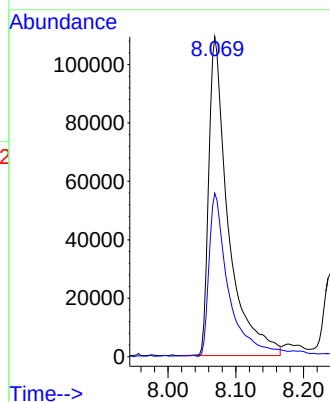
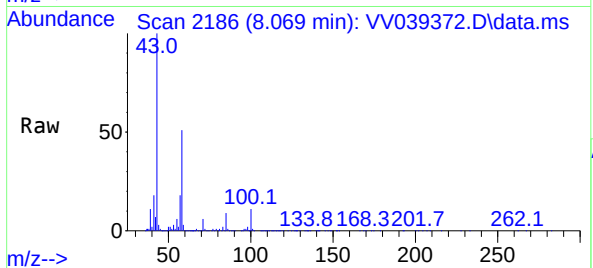




#59
2-Hexanone
Concen: 29.564 ug/l
RT: 8.069 min Scan# 2186
Delta R.T. 0.013 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

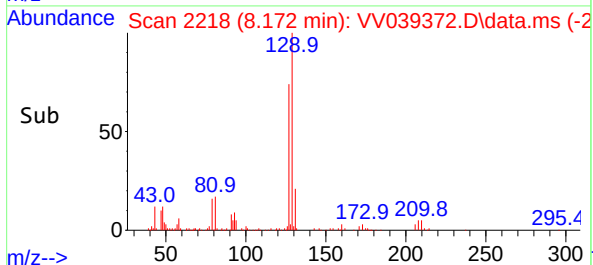
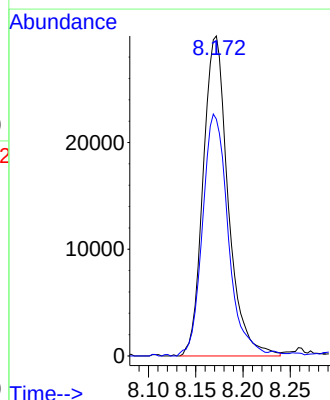
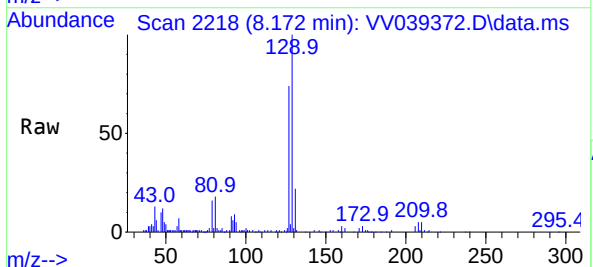
Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

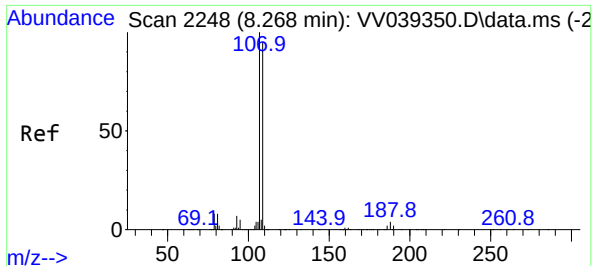
Tgt Ion: 43 Resp: 216983
Ion Ratio Lower Upper
43 100
58 52.0 27.7 83.1



#60
Dibromochloromethane
Concen: 5.288 ug/l
RT: 8.172 min Scan# 2218
Delta R.T. 0.010 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Tgt Ion: 129 Resp: 55187
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.7

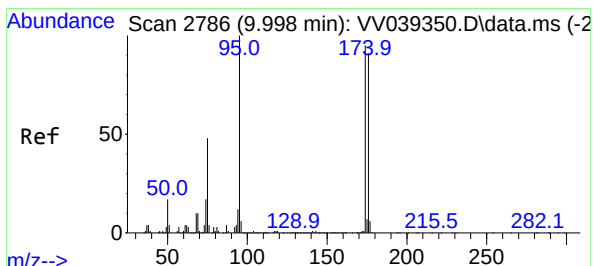
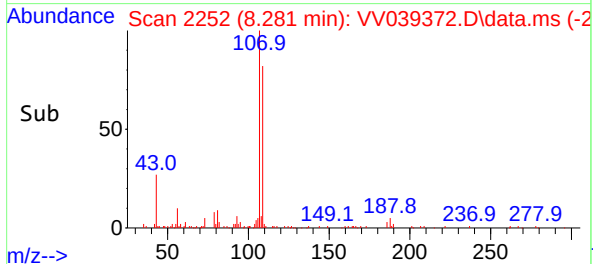
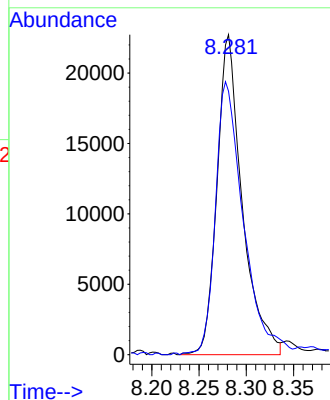
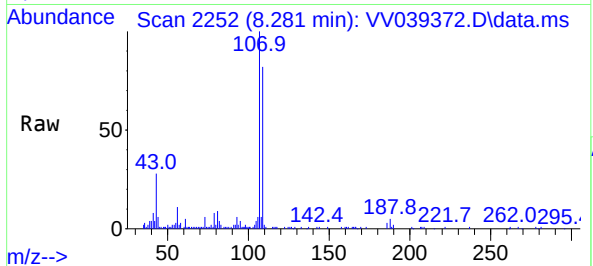




#61
1,2-Dibromoethane
Concen: 5.310 ug/l
RT: 8.281 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

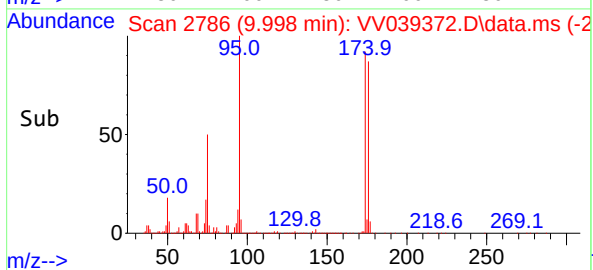
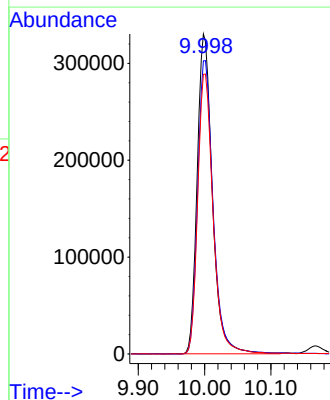
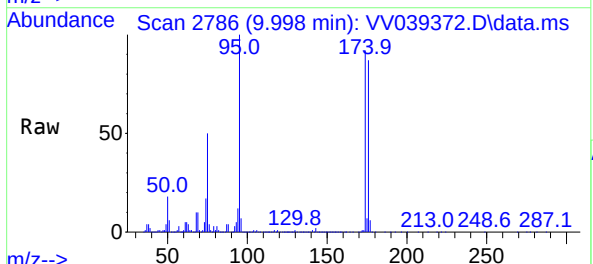
Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

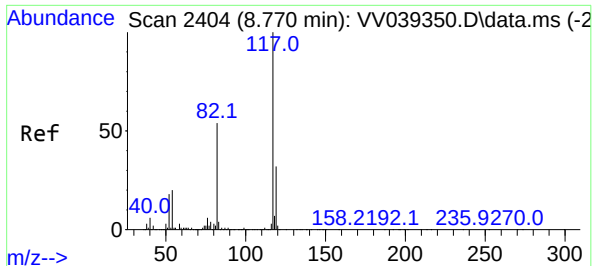
Tgt Ion:107 Resp: 42153
Ion Ratio Lower Upper
107 100
109 94.7 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 48.585 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Tgt Ion: 95 Resp: 525782
Ion Ratio Lower Upper
95 100
174 93.8 0.0 187.6
176 88.8 0.0 180.2



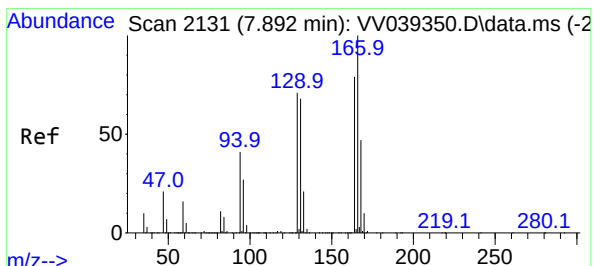
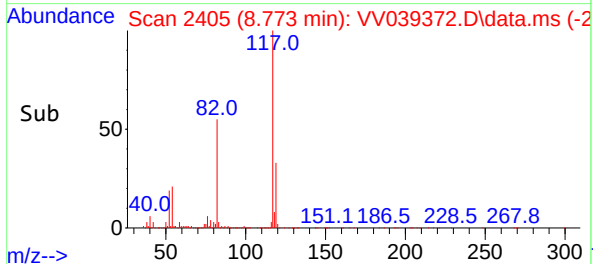
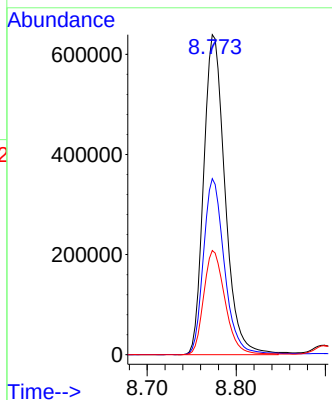
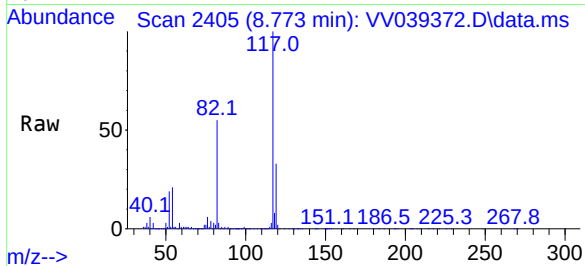


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Instrument : MSVOA_V
ClientSampleId : LOQ-WATER-02-QT4-2025

Tgt Ion:117 Resp: 1063807

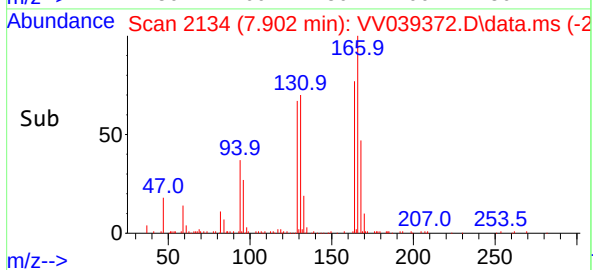
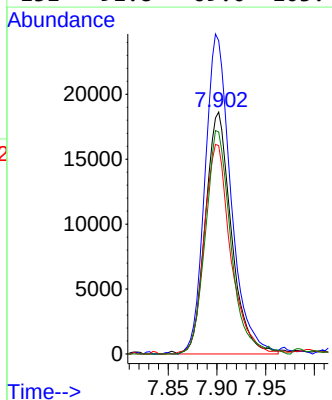
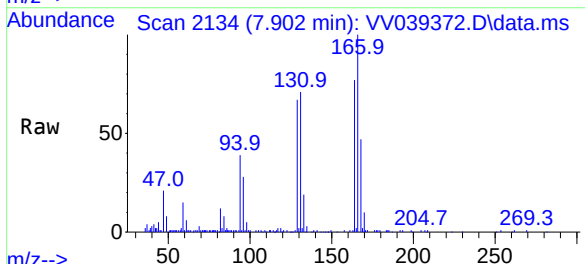
Ion	Ratio	Lower	Upper
117	100		
82	55.0	42.9	64.3
119	32.5	25.5	38.3

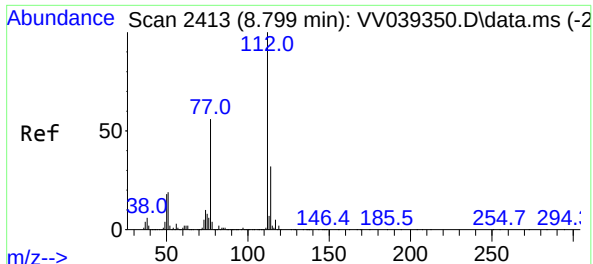


#64
Tetrachloroethene
Concen: 5.254 ug/l
RT: 7.902 min Scan# 2134
Delta R.T. 0.010 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Tgt Ion:164 Resp: 34542

Ion	Ratio	Lower	Upper
164	100		
166	129.5	101.9	152.9
129	85.5	71.8	107.8
131	91.8	69.0	103.4





#65

Chlorobenzene

Concen: 5.208 ug/l

RT: 8.805 min Scan# 2415

Delta R.T. 0.006 min

Lab File: VV039372.D

Acq: 12 Nov 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

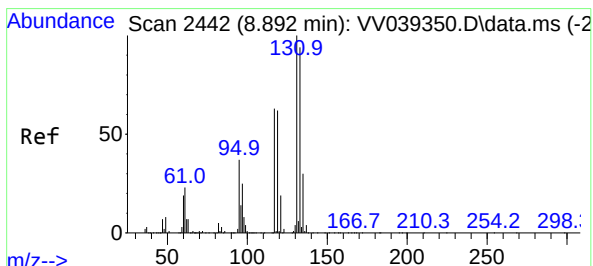
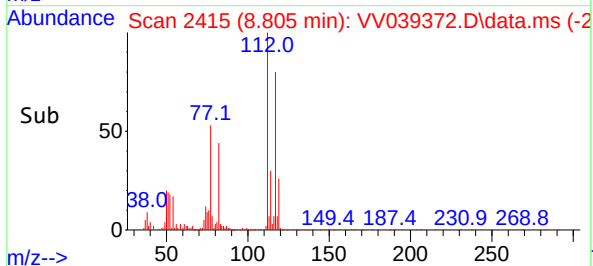
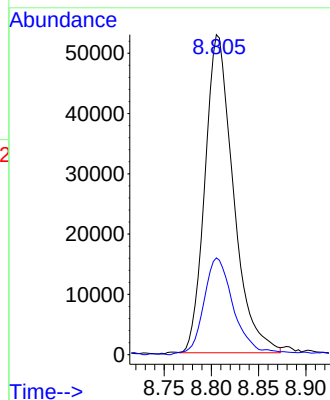
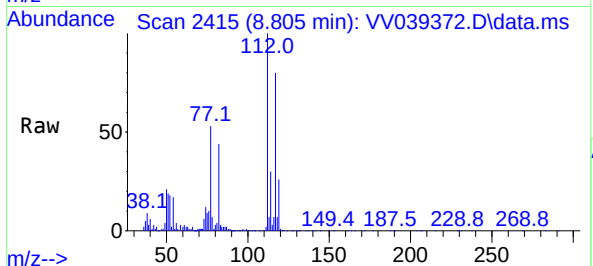
LOQ-WATER-02-QT4-2025

Tgt Ion:112 Resp: 110297

Ion Ratio Lower Upper

112 100

114 29.6 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 5.411 ug/l

RT: 8.898 min Scan# 2444

Delta R.T. 0.006 min

Lab File: VV039372.D

Acq: 12 Nov 2025 14:01

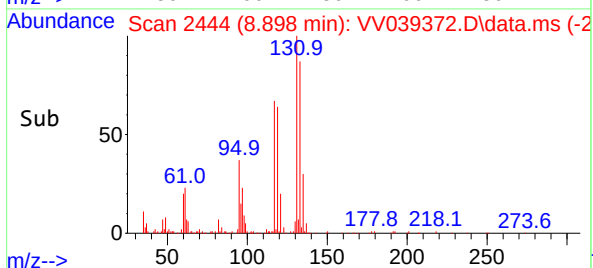
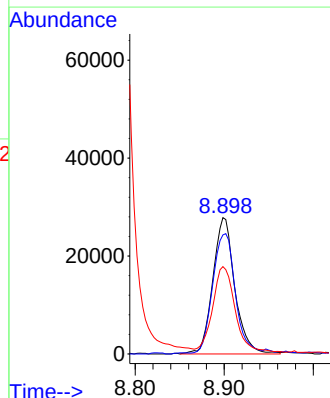
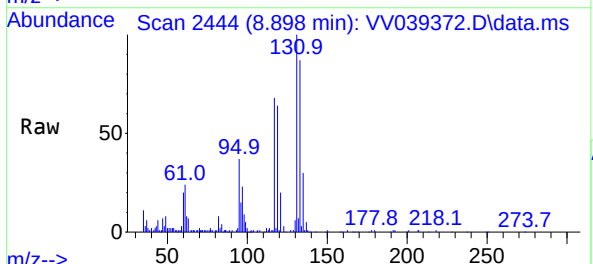
Tgt Ion:131 Resp: 47809

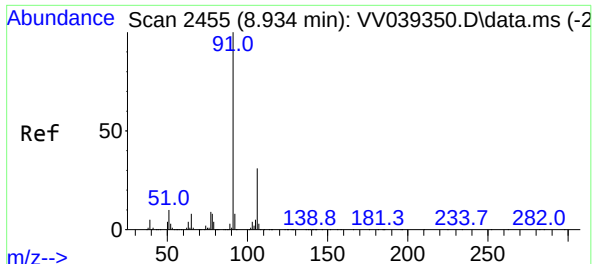
Ion Ratio Lower Upper

131 100

133 89.1 47.9 143.8

119 64.7 31.6 94.8





#67

Ethyl Benzene

Concen: 5.052 ug/l

RT: 8.940 min Scan# 2455

Delta R.T. 0.006 min

Lab File: VV039372.D

Acq: 12 Nov 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

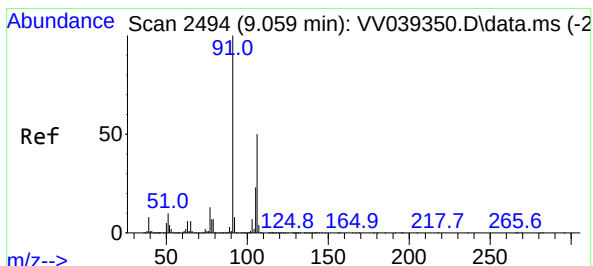
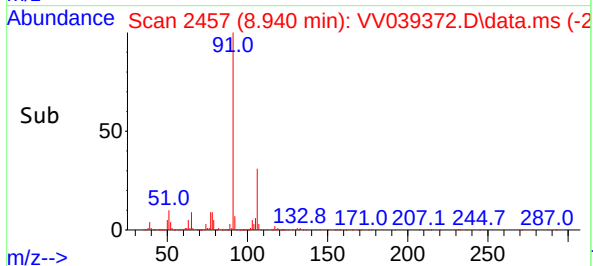
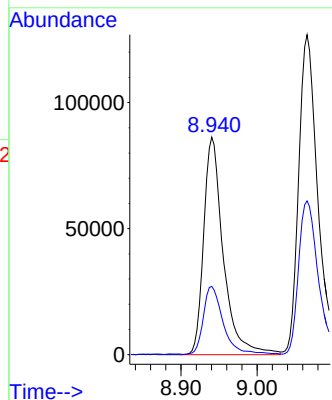
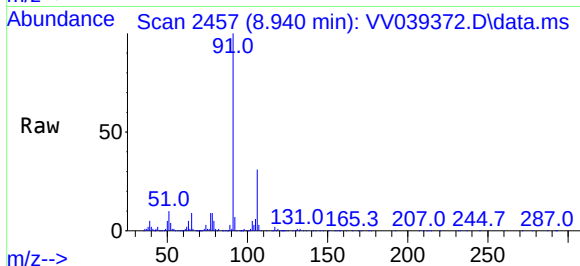
LOQ-WATER-02-QT4-2025

Tgt Ion: 91 Resp: 154760

Ion Ratio Lower Upper

91 100

106 31.1 24.9 37.3



#68

m/p-Xylenes

Concen: 9.730 ug/l

RT: 9.066 min Scan# 2496

Delta R.T. 0.006 min

Lab File: VV039372.D

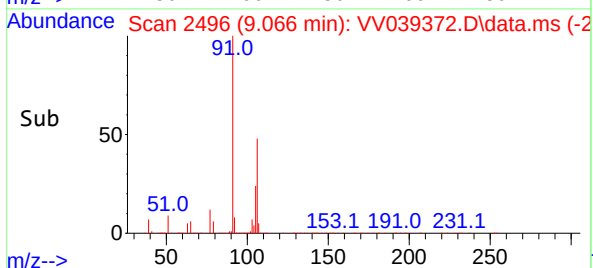
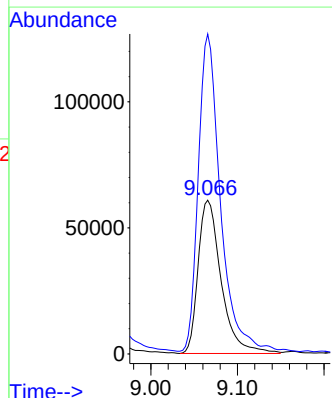
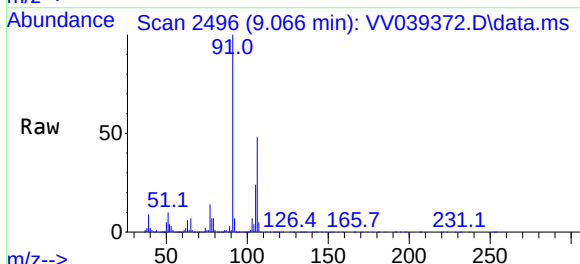
Acq: 12 Nov 2025 14:01

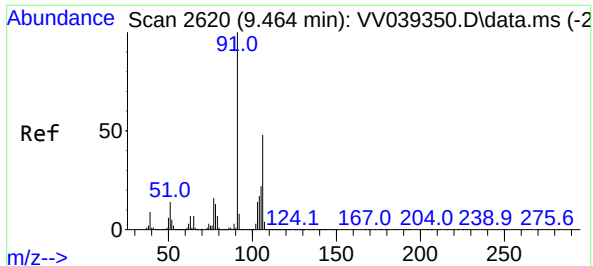
Tgt Ion: 106 Resp: 112549

Ion Ratio Lower Upper

106 100

91 195.7 161.5 242.3





#69

o-Xylene

Concen: 4.915 ug/l

RT: 9.471 min Scan# 2

Delta R.T. 0.006 min

Lab File: VV039372.D

Acq: 12 Nov 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

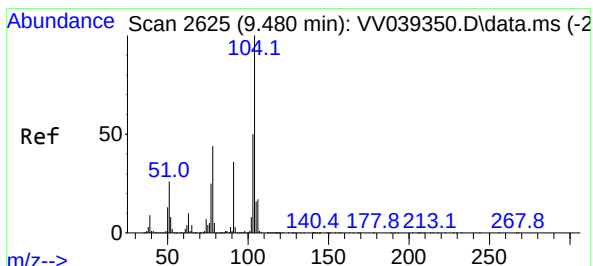
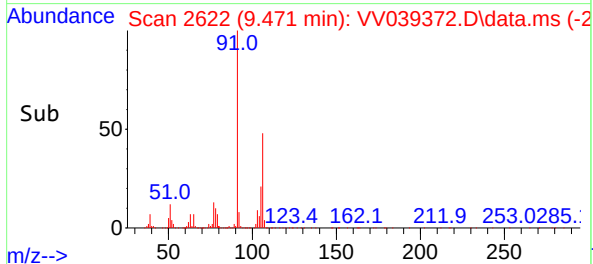
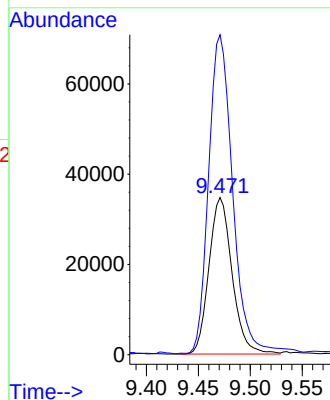
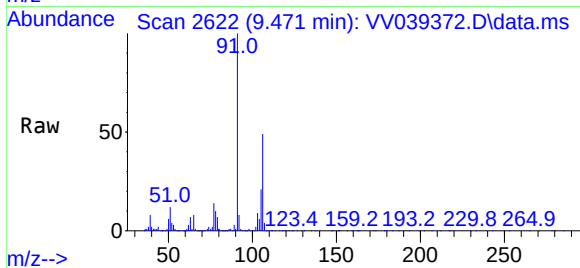
LOQ-WATER-02-QT4-2025

Tgt Ion:106 Resp: 53793

Ion Ratio Lower Upper

106 100

91 212.3 105.9 317.7



#70

Styrene

Concen: 4.631 ug/l

RT: 9.493 min Scan# 2629

Delta R.T. 0.013 min

Lab File: VV039372.D

Acq: 12 Nov 2025 14:01

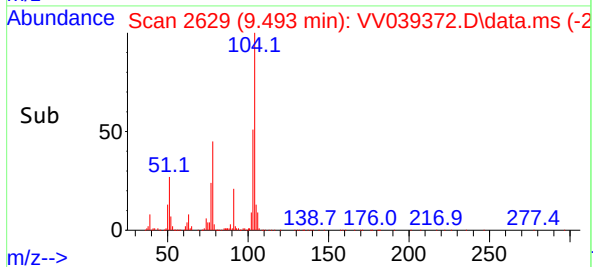
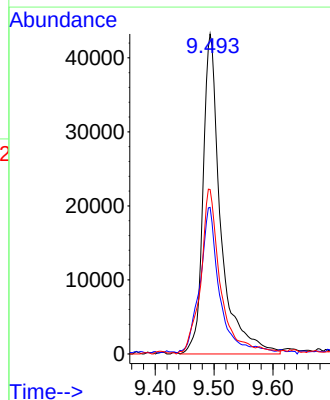
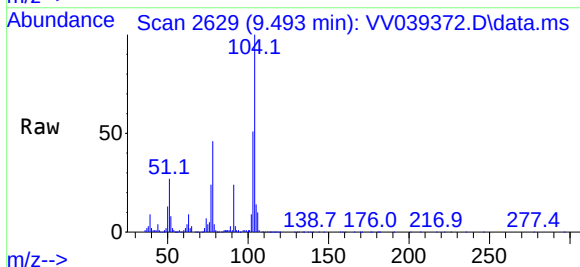
Tgt Ion:104 Resp: 90601

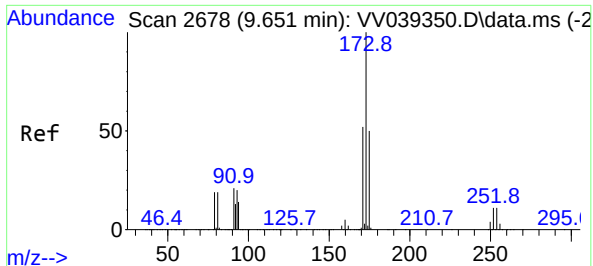
Ion Ratio Lower Upper

104 100

78 48.5 39.0 58.4

103 56.3 43.4 65.2

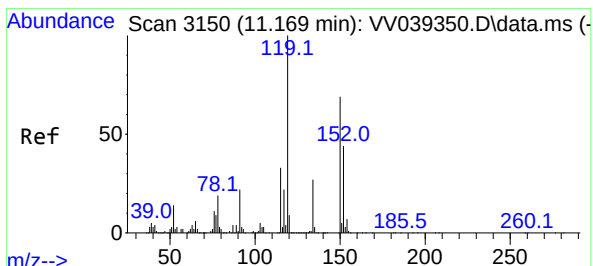
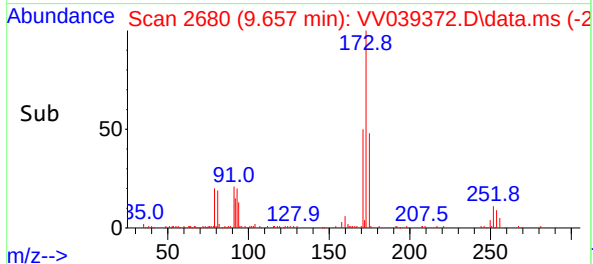
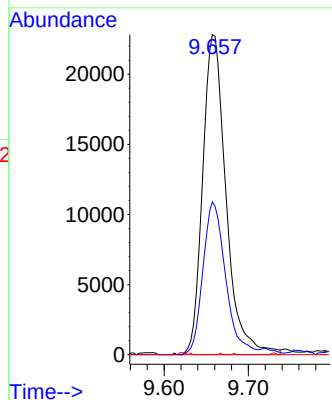
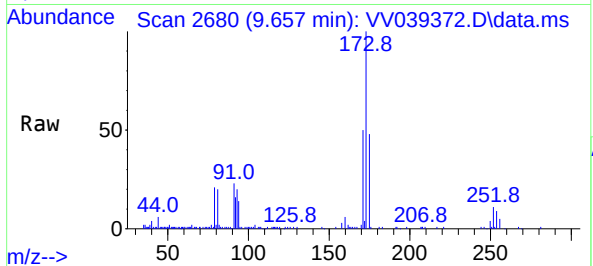




#71
Bromoform
Concen: 5.376 ug/l
RT: 9.657 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

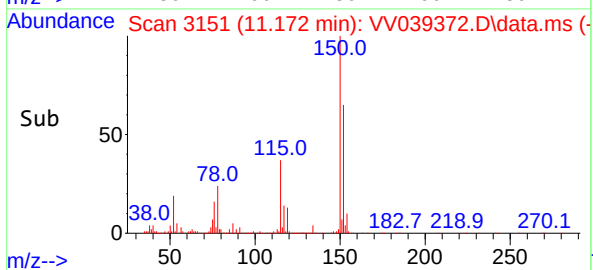
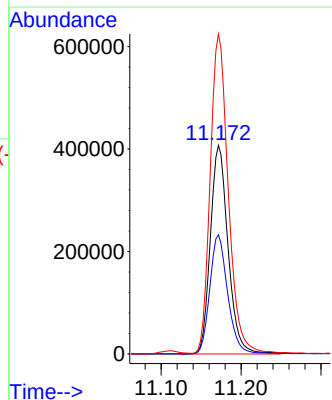
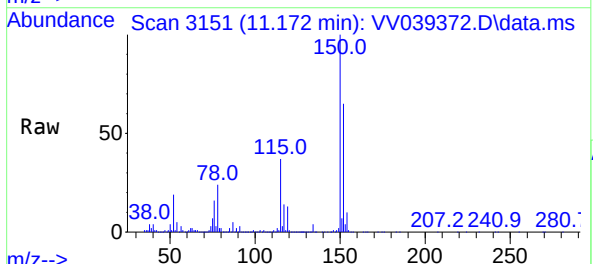
Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

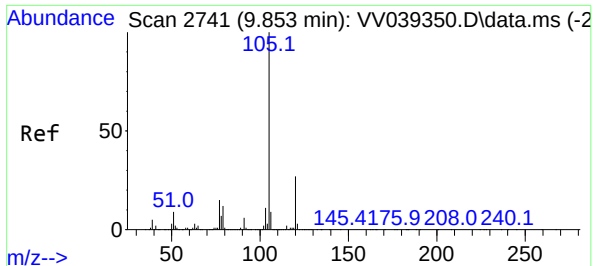
Tgt Ion:173 Resp: 44098
Ion Ratio Lower Upper
173 100
175 46.3 24.5 73.5
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Tgt Ion:152 Resp: 626690
Ion Ratio Lower Upper
152 100
115 57.7 37.3 111.9
150 155.8 0.0 340.4

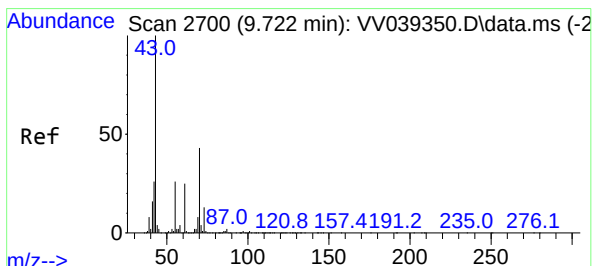
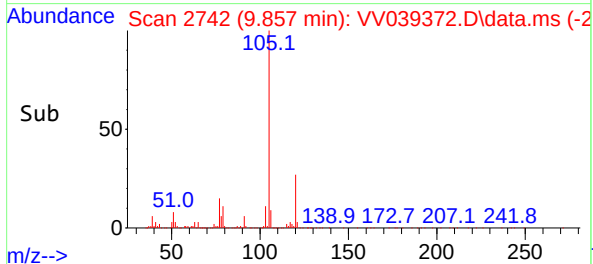
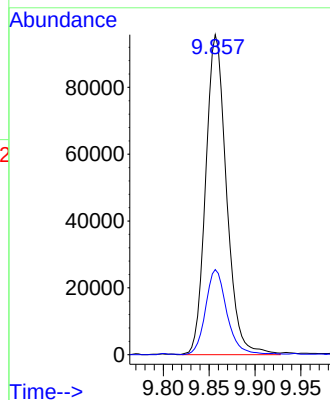
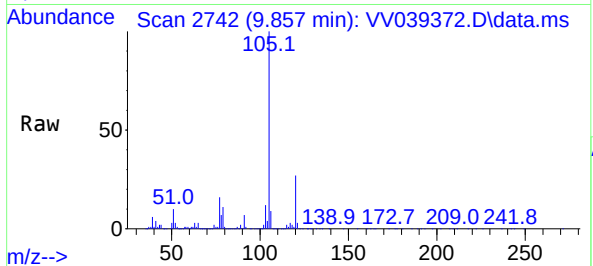




#73
Isopropylbenzene
Concen: 4.944 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

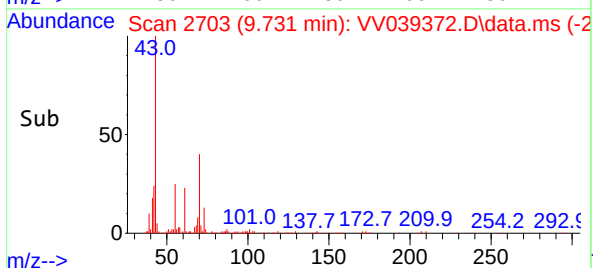
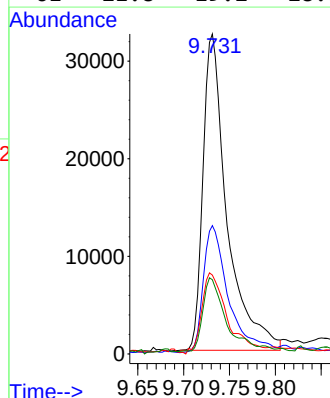
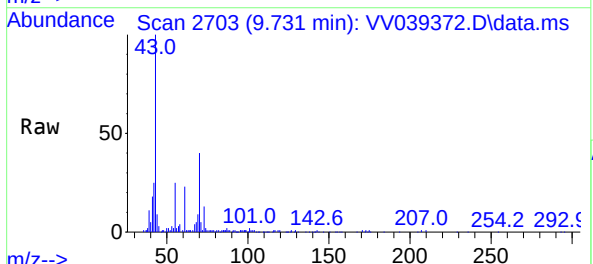
Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

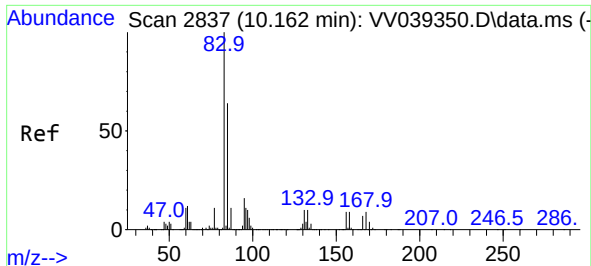
Tgt Ion:105 Resp: 151307
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.1



#74
N-ethyl acetate
Concen: 4.931 ug/l
RT: 9.731 min Scan# 2703
Delta R.T. 0.010 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Tgt Ion: 43 Resp: 59123
Ion Ratio Lower Upper
43 100
70 42.4 34.6 51.8
55 27.7 21.0 31.6
61 21.8 19.2 28.8

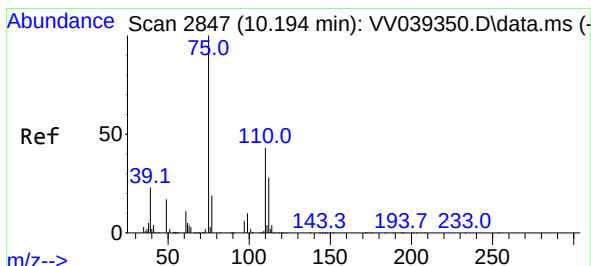
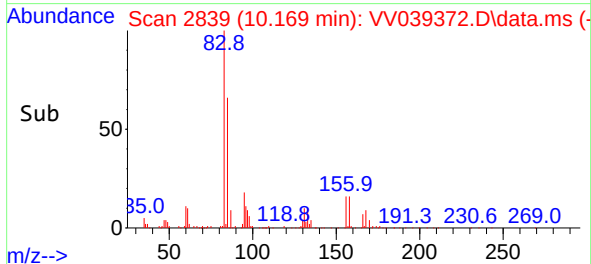
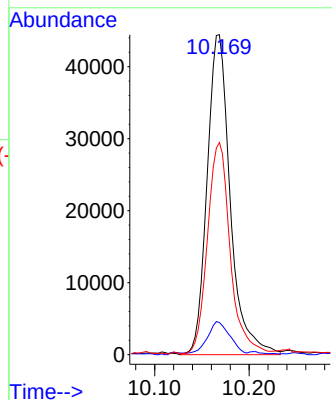
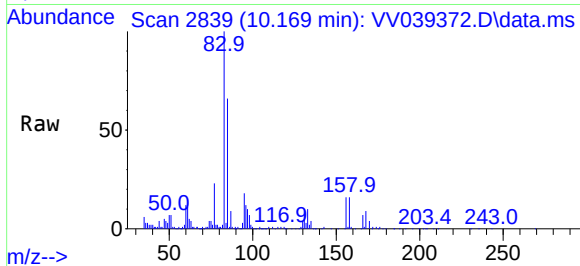




#75
1,1,2,2-Tetrachloroethane
Concen: 5.678 ug/l
RT: 10.169 min Scan# 2837
Delta R.T. 0.006 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

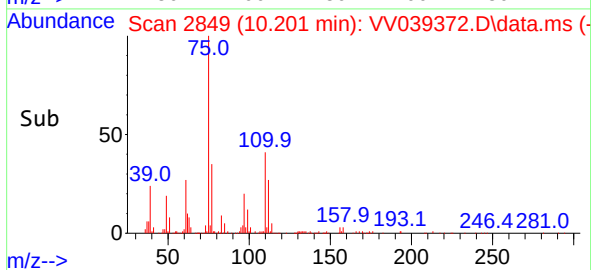
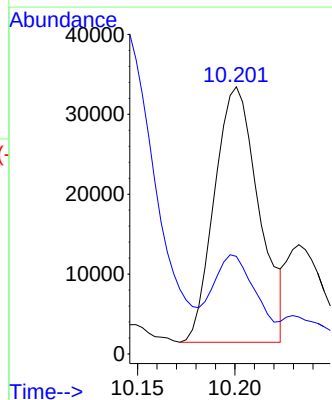
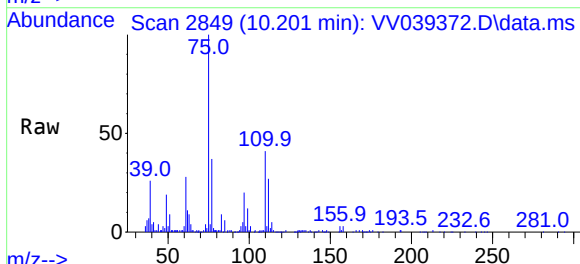
Instrument : MSVOA_V
ClientSampleId : LOQ-WATER-02-QT4-2025

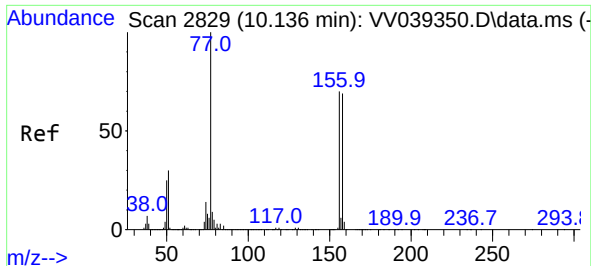
Tgt Ion: 83 Resp: 75678
Ion Ratio Lower Upper
83 100
131 9.8 5.4 16.2
85 64.3 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 5.218 ug/l
RT: 10.201 min Scan# 2849
Delta R.T. 0.006 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Tgt Ion: 75 Resp: 50761
Ion Ratio Lower Upper
75 100
77 24.3 11.8 35.3

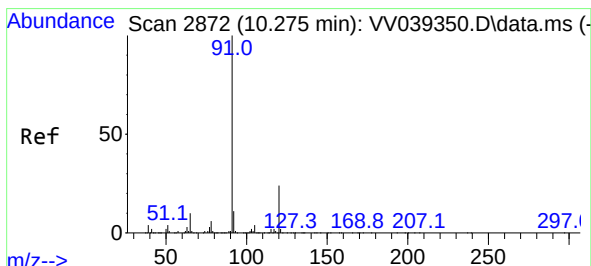
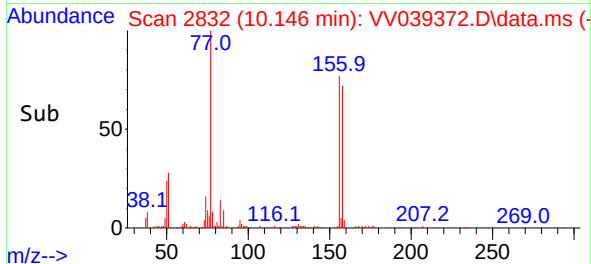
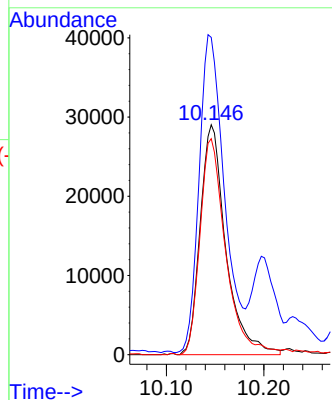
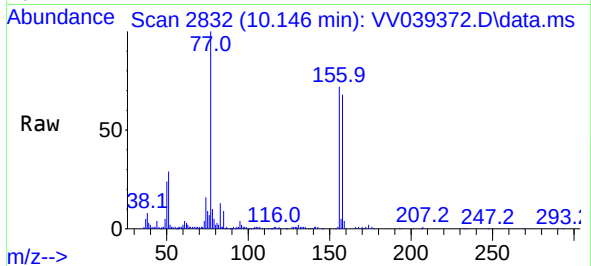




#77
Bromobenzene
Concen: 5.637 ug/l
RT: 10.146 min Scan# 2832
Delta R.T. 0.010 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

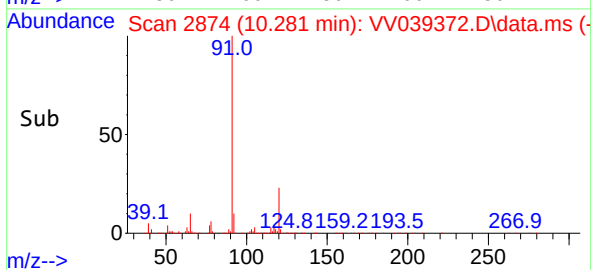
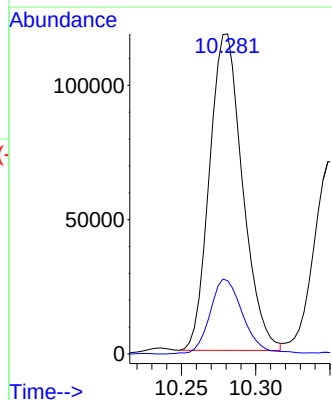
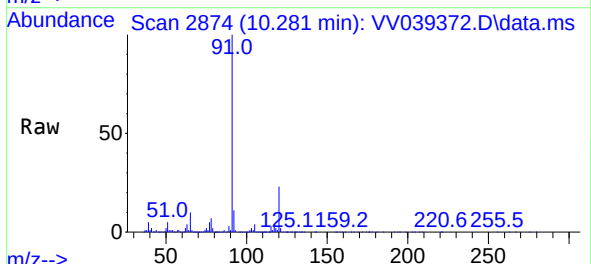
Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

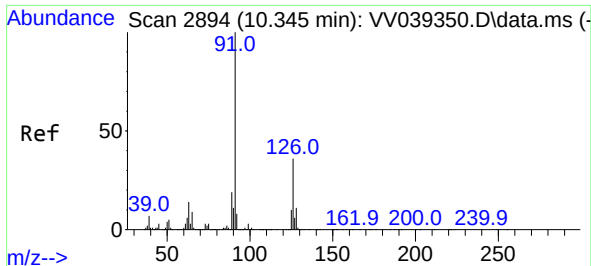
Tgt Ion:156 Resp: 53245
Ion Ratio Lower Upper
156 100
77 136.1 70.3 210.9
158 93.8 49.4 148.0



#78
n-propylbenzene
Concen: 5.210 ug/l
RT: 10.281 min Scan# 2874
Delta R.T. 0.006 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Tgt Ion: 91 Resp: 182645
Ion Ratio Lower Upper
91 100
120 23.7 12.0 36.0

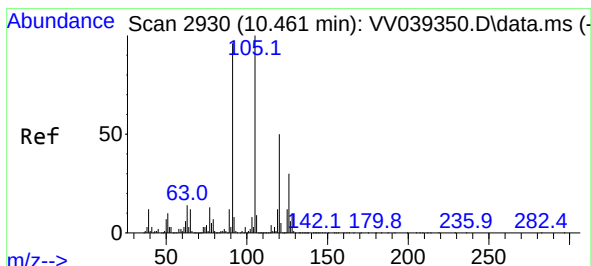
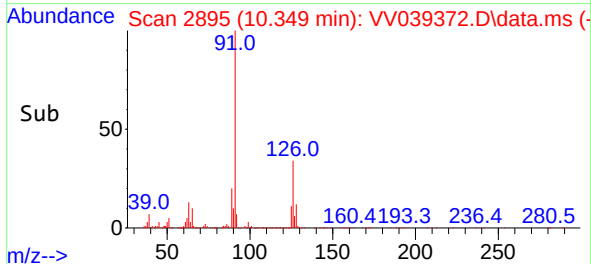
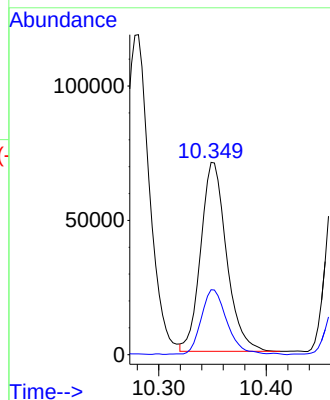
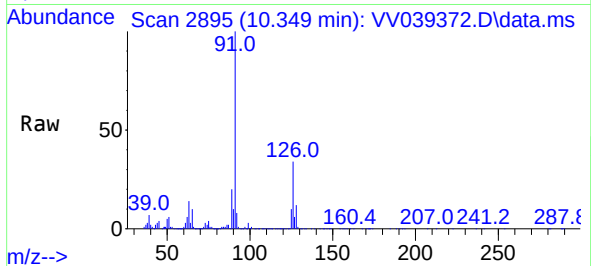




#79
2-Chlorotoluene
Concen: 5.226 ug/l
RT: 10.349 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

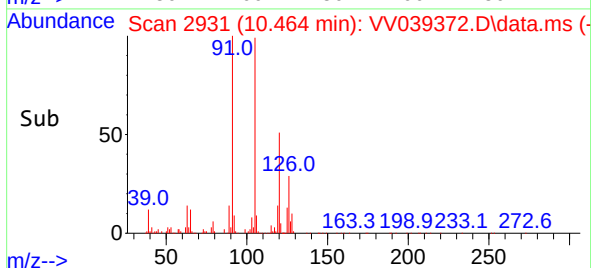
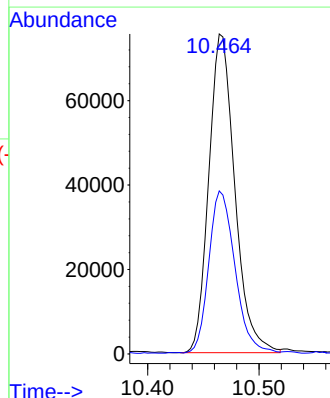
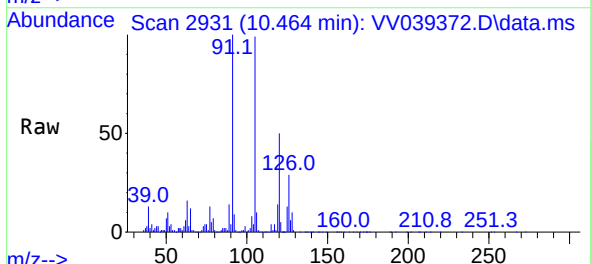
Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

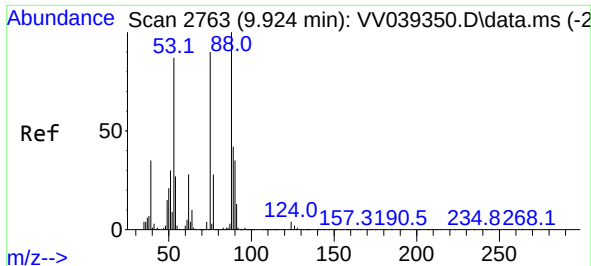
Tgt Ion: 91 Resp: 117267
Ion Ratio Lower Upper
91 100
126 33.7 17.6 52.8



#80
1,3,5-Trimethylbenzene
Concen: 4.902 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.003 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Tgt Ion: 105 Resp: 122656
Ion Ratio Lower Upper
105 100
120 50.9 25.1 75.4

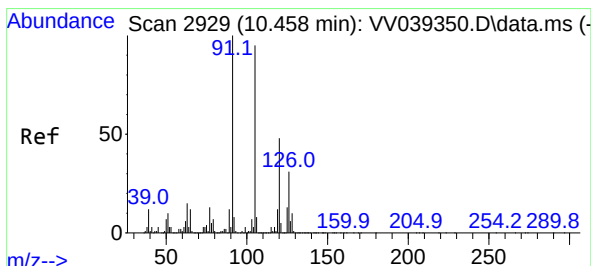
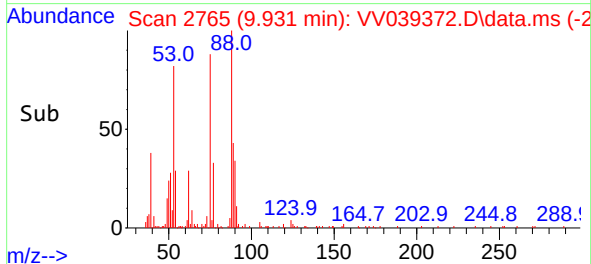
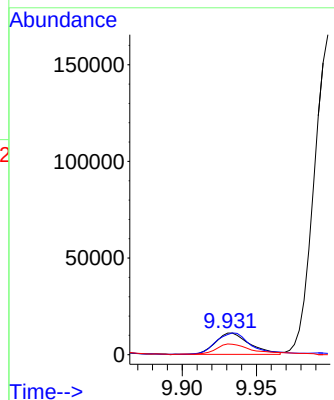
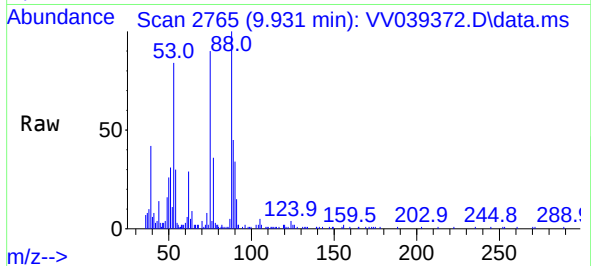




#81
trans-1,4-Dichloro-2-butene
Concen: 4.932 ug/l
RT: 9.931 min Scan# 2178
Delta R.T. 0.006 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

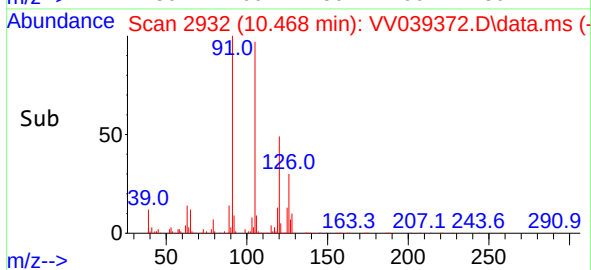
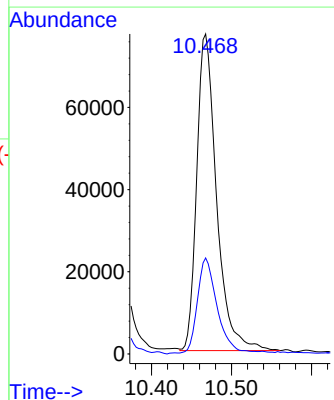
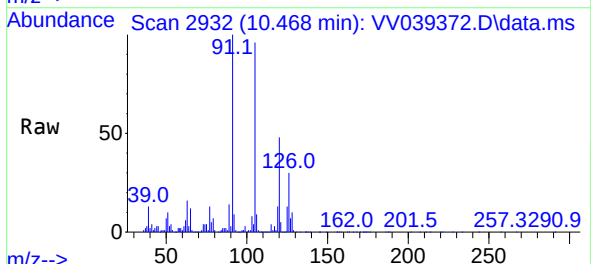
Instrument : MSVOA_V
ClientSampleId : LOQ-WATER-02-QT4-2025

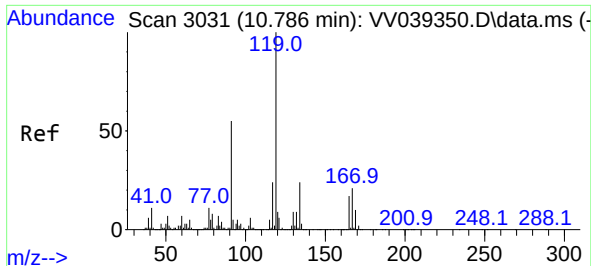
Tgt Ion: 75 Resp: 17898
Ion Ratio Lower Upper
75 100
53 101.6 79.0 118.6
89 57.1 40.4 60.6



#82
4-Chlorotoluene
Concen: 5.307 ug/l
RT: 10.468 min Scan# 2932
Delta R.T. 0.010 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Tgt Ion: 91 Resp: 133152
Ion Ratio Lower Upper
91 100
126 30.7 15.3 45.9

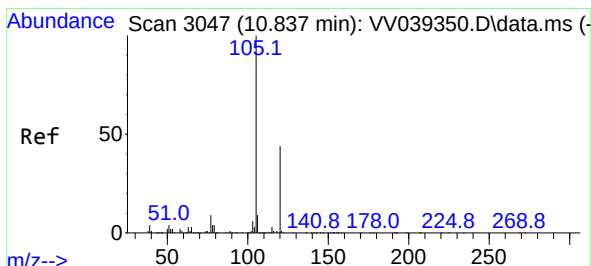
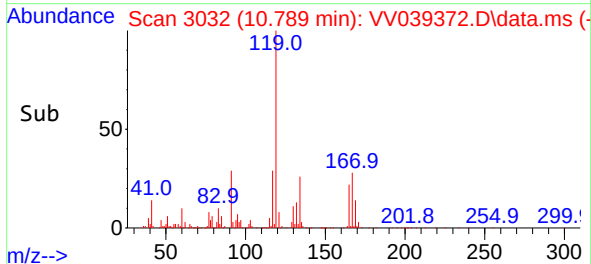
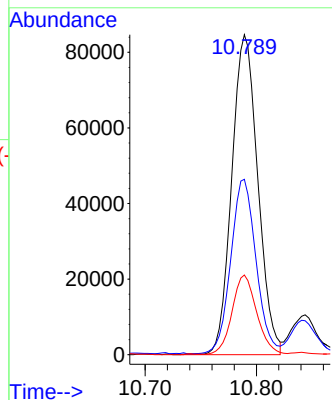
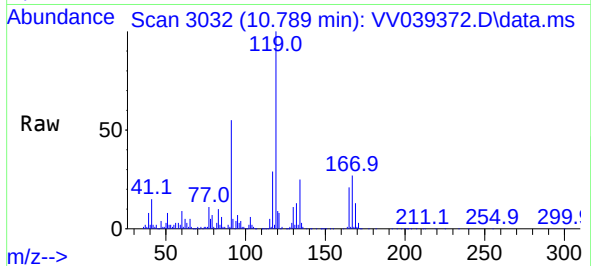




#83
tert-Butylbenzene
Concen: 5.013 ug/l
RT: 10.789 min Scan# 3031
Delta R.T. 0.003 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

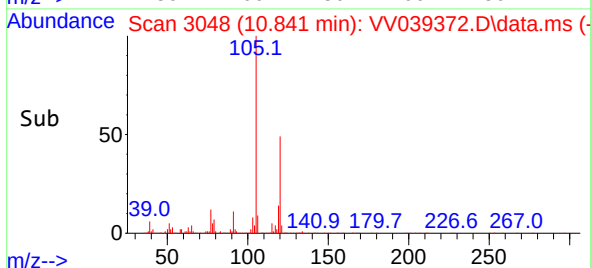
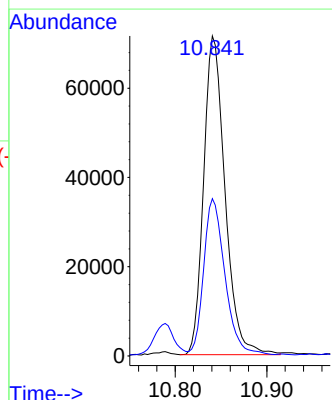
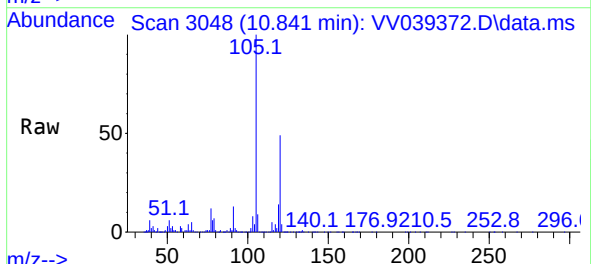
Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

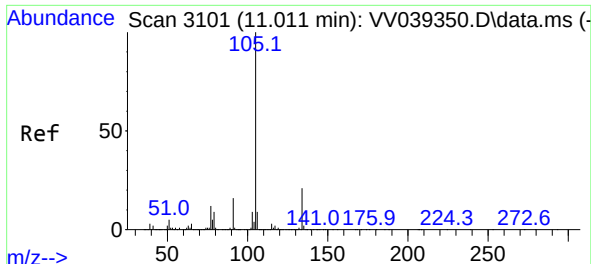
Tgt Ion:119 Resp: 137858
Ion Ratio Lower Upper
119 100
91 52.9 26.5 79.5
134 23.4 11.9 35.5



#84
1,2,4-Trimethylbenzene
Concen: 4.745 ug/l
RT: 10.841 min Scan# 3048
Delta R.T. 0.003 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Tgt Ion:105 Resp: 115653
Ion Ratio Lower Upper
105 100
120 48.7 23.0 69.0

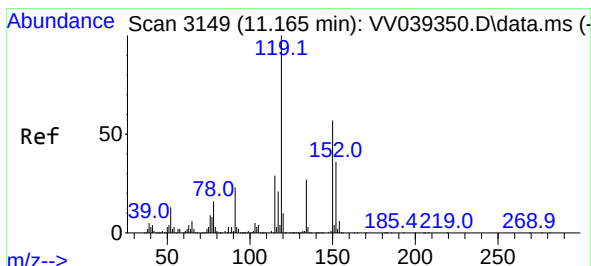
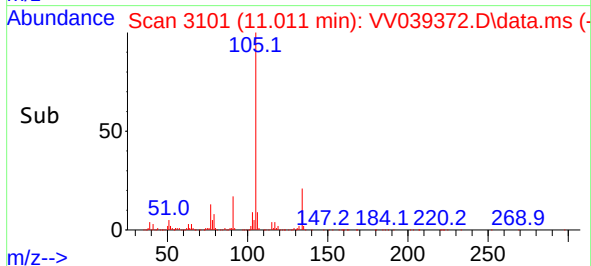
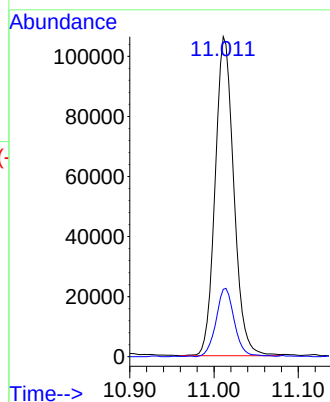
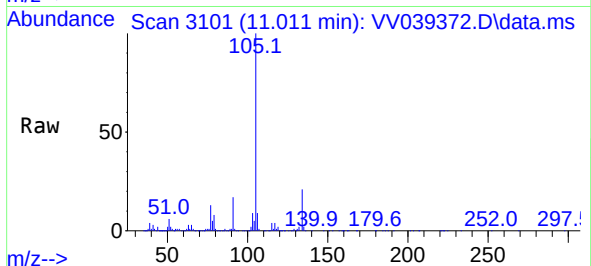




#85
 sec-Butylbenzene
 Concen: 5.002 ug/l
 RT: 11.011 min Scan# 3101
 Delta R.T. -0.000 min
 Lab File: VV039372.D
 Acq: 12 Nov 2025 14:01

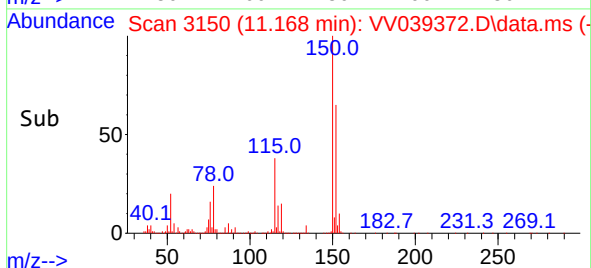
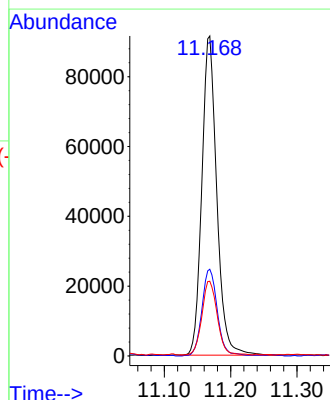
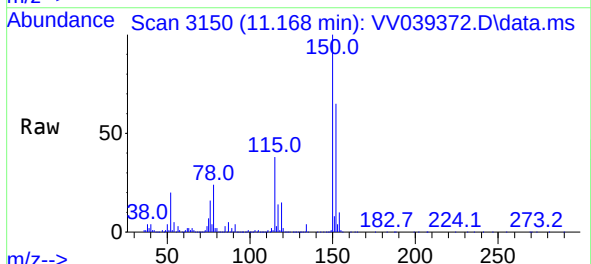
Instrument : MSVOA_V
 ClientSampleId : LOQ-WATER-02-QT4-2025

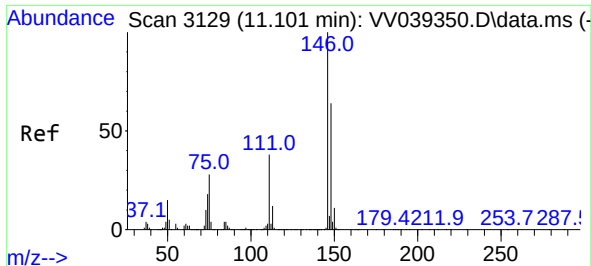
Tgt Ion:105 Resp: 163107
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 5.068 ug/l
 RT: 11.168 min Scan# 3150
 Delta R.T. 0.003 min
 Lab File: VV039372.D
 Acq: 12 Nov 2025 14:01

Tgt Ion:119 Resp: 142603
 Ion Ratio Lower Upper
 119 100
 134 28.1 13.4 40.2
 91 23.8 11.5 34.4

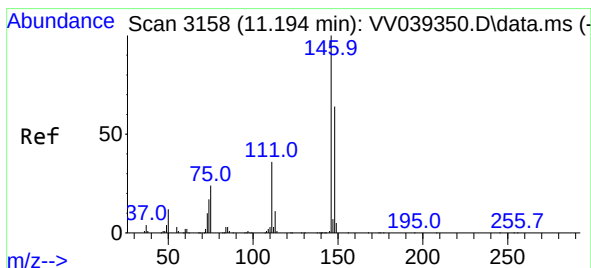
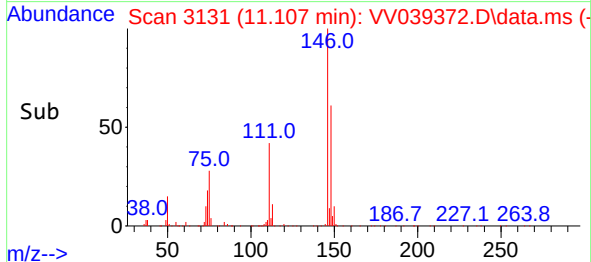
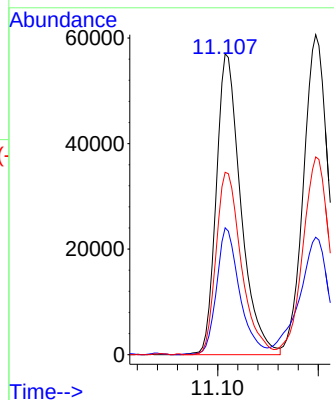
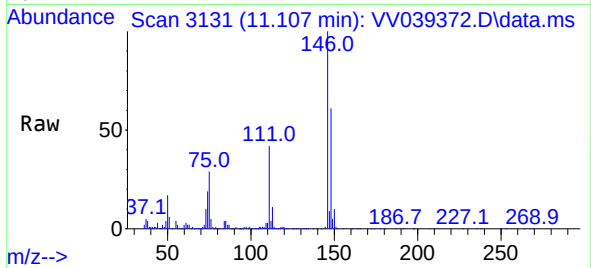




#87
1,3-Dichlorobenzene
Concen: 5.340 ug/l
RT: 11.107 min Scan# 3129
Delta R.T. 0.006 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

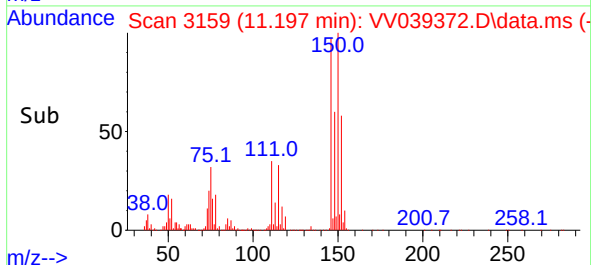
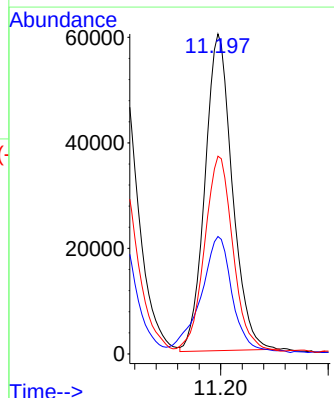
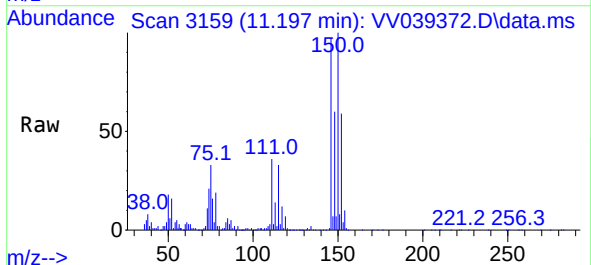
Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

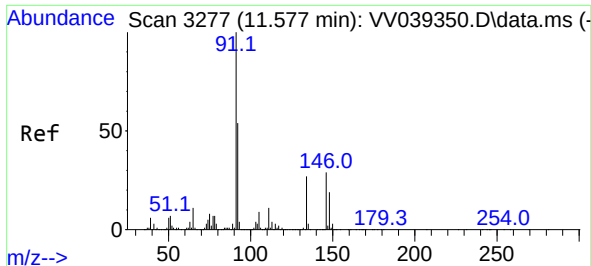
Tgt Ion:146 Resp: 96748
Ion Ratio Lower Upper
146 100
111 39.0 18.8 56.4
148 62.3 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 5.368 ug/l
RT: 11.197 min Scan# 3159
Delta R.T. 0.003 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Tgt Ion:146 Resp: 106028
Ion Ratio Lower Upper
146 100
111 42.9 18.6 55.8
148 65.1 32.0 96.2





#89

n-Butylbenzene

Concen: 4.927 ug/l

RT: 11.583 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV039372.D

Acq: 12 Nov 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

LOQ-WATER-02-QT4-2025

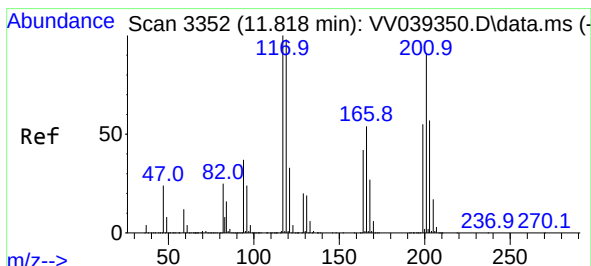
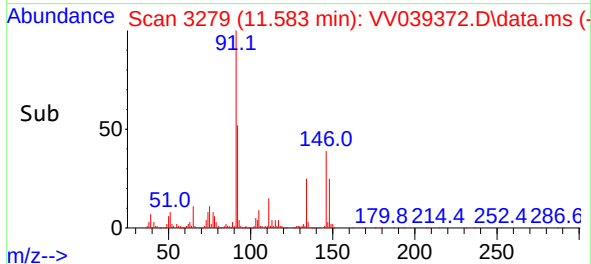
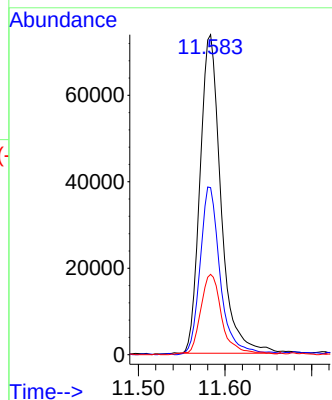
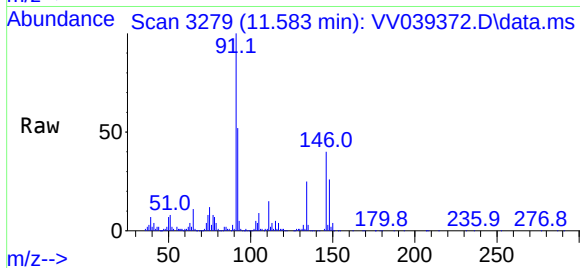
Tgt Ion: 91 Resp: 123639

Ion Ratio Lower Upper

91 100

92 50.6 26.9 80.7

134 26.1 13.5 40.5



#90

Hexachloroethane

Concen: 5.280 ug/l

RT: 11.818 min Scan# 3352

Delta R.T. -0.000 min

Lab File: VV039372.D

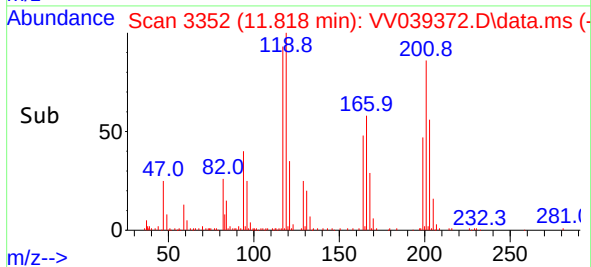
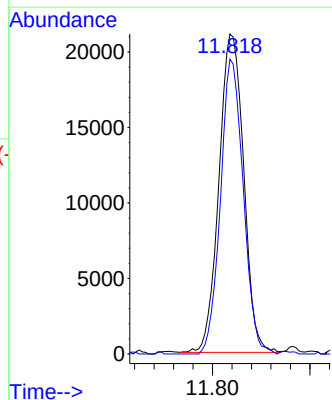
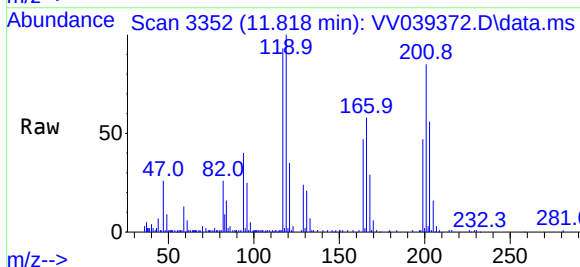
Acq: 12 Nov 2025 14:01

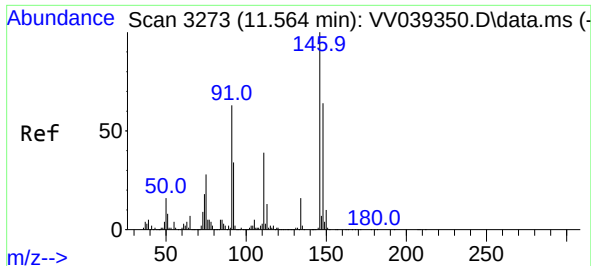
Tgt Ion: 117 Resp: 37028

Ion Ratio Lower Upper

117 100

201 85.6 45.3 135.8

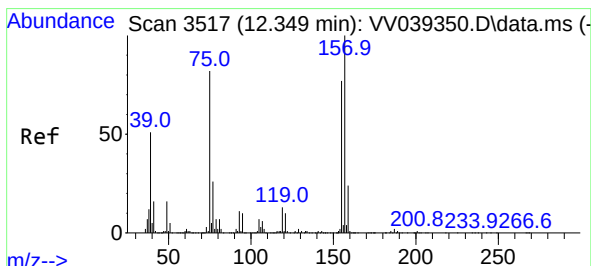
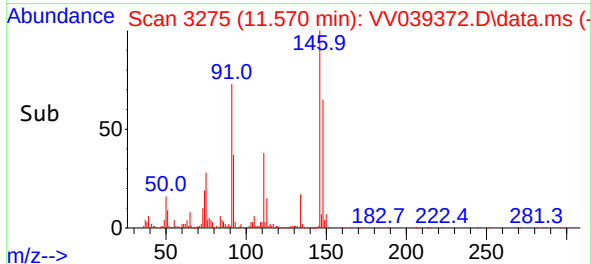
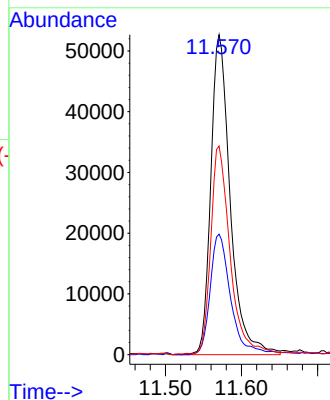
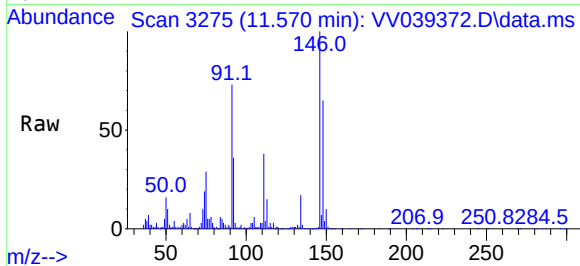




#91
1,2-Dichlorobenzene
Concen: 5.278 ug/l
RT: 11.570 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

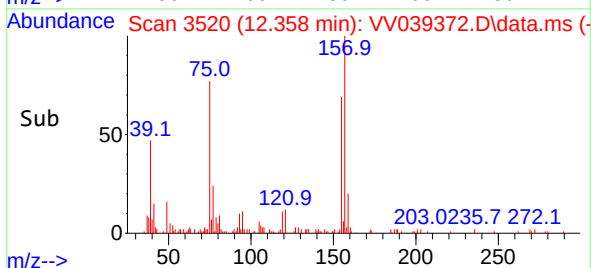
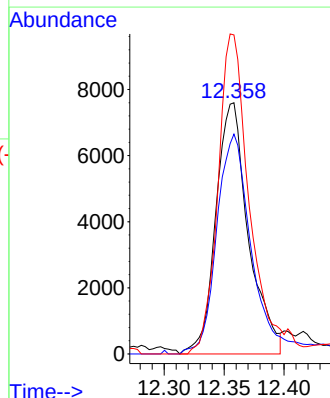
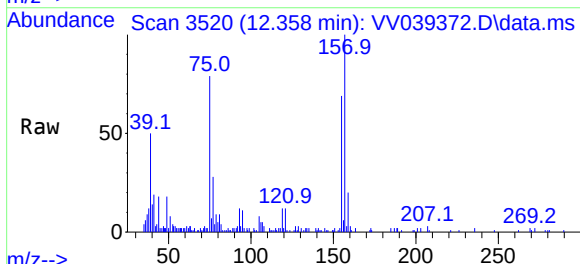
Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

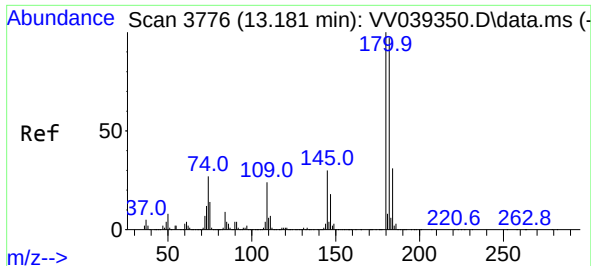
Tgt Ion:	146	Resp:	93567
Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.5	58.5
148	64.1	32.0	96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.239 ug/l
RT: 12.358 min Scan# 3520
Delta R.T. 0.010 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Tgt Ion:	75	Resp:	14355
Ion	Ratio	Lower	Upper
75	100		
155	94.0	47.0	141.2
157	124.1	61.3	183.9

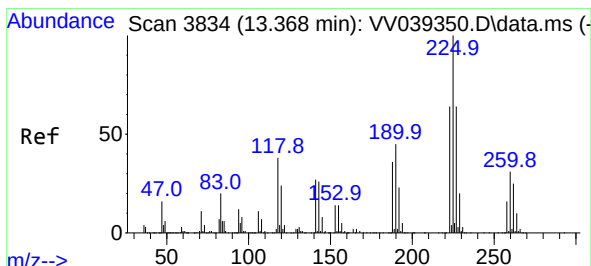
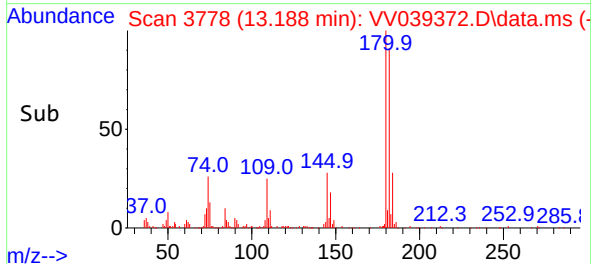
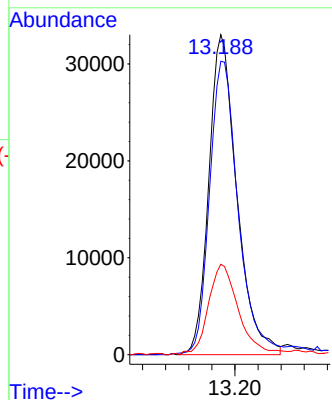
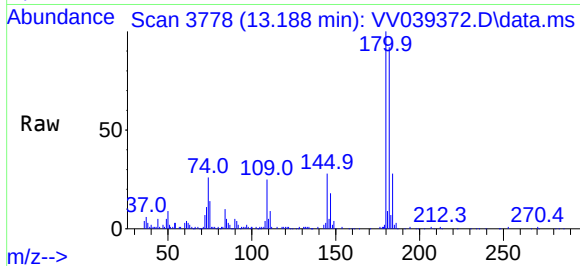




#93
1,2,4-Trichlorobenzene
Concen: 4.948 ug/l
RT: 13.188 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

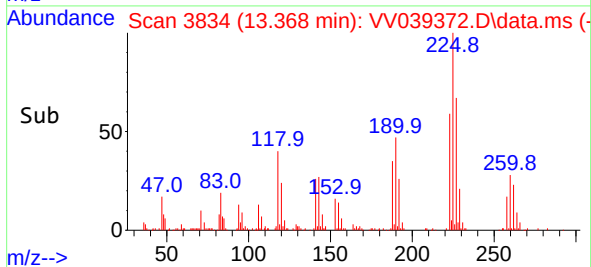
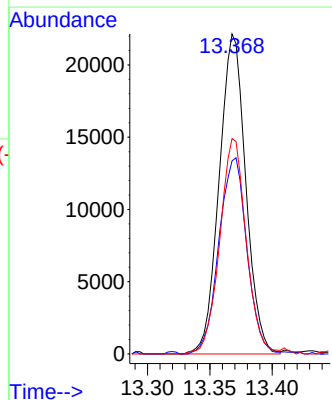
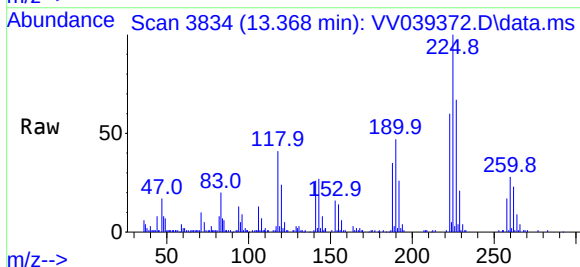
Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

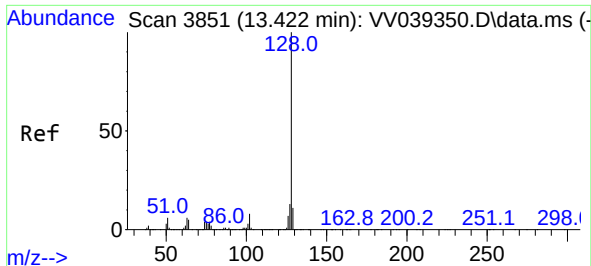
Tgt Ion:180 Resp: 55659
Ion Ratio Lower Upper
180 100
182 93.8 48.5 145.5
145 30.4 14.6 43.8



#94
Hexachlorobutadiene
Concen: 5.478 ug/l
RT: 13.368 min Scan# 3834
Delta R.T. -0.000 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Tgt Ion:225 Resp: 32865
Ion Ratio Lower Upper
225 100
223 65.0 31.1 93.5
227 66.9 31.7 95.1

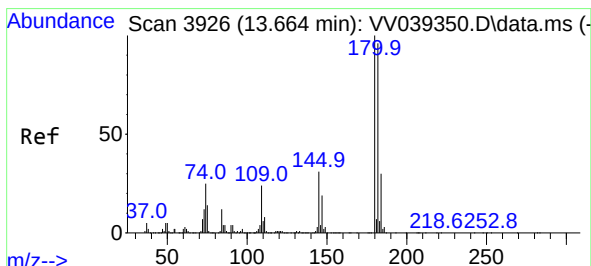
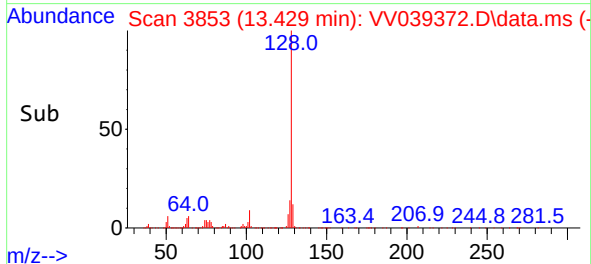
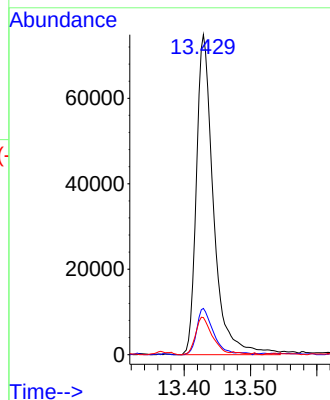
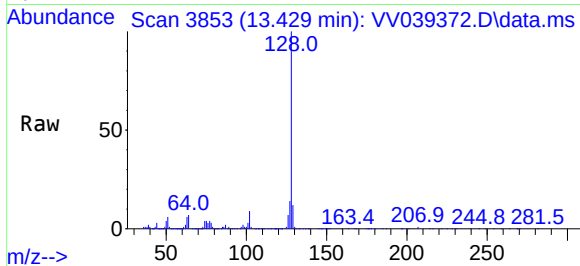




#95
Naphthalene
Concen: 4.450 ug/l
RT: 13.429 min Scan# 3851
Delta R.T. 0.006 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion:	128	Resp:	134146
Ion Ratio	Lower	Upper	
128	100		
127	13.8	10.4	15.6
129	11.4	8.4	12.6



#96
1,2,3-Trichlorobenzene
Concen: 4.910 ug/l
RT: 13.670 min Scan# 3928
Delta R.T. 0.006 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Tgt Ion:	180	Resp:	56984
Ion Ratio	Lower	Upper	
180	100		
182	93.9	47.9	143.6
145	29.3	15.3	45.9

