

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100825\
 Data File : VN088043.D
 Acq On : 08 Oct 2025 16:02
 Operator : JC\MD
 Sample : Q2893-08 5.0PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2025

Quant Time: Oct 09 02:58:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 09 02:36:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.794	128	65057	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	361861	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	325562	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	153991	30.398	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 101.333%	
60) 4-Bromofluorobenzene	12.829	95	157611	29.366	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 97.900%	
63) Toluene-d8	10.547	98	439427	30.295	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.967%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	16238	4.358	ug/l	80
4) Vinyl Chloride	2.542	62	20543	4.664	ug/l	97
5) Bromomethane	2.983	94	14945	6.309	ug/l	94
6) Chloroethane	3.142	64	13446	4.627	ug/l	91
7) Trichlorofluoromethane	3.506	101	29632	4.947	ug/l	88
8) Diethyl Ether	3.965	74	14576	5.385	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	12405	3.869	ug/l	91
10) 1,1-Dichloroethene	4.342	96	16107	4.709	ug/l #	71
11) Methyl Iodide	4.577	142	6145	1.949	ug/l #	66
12) Methyl Acetate	5.012	43	28448	5.116	ug/l #	84
13) Acrolein	4.183	56	15635	18.169	ug/l #	1
14) Acrylonitrile	5.712	53	63933	23.824	ug/l	98
15) Acetone	4.424	58	19028	24.212	ug/l	75
16) Carbon Disulfide	4.706	76	53568	4.996	ug/l	95
17) Allyl chloride	5.018	41	20623	3.195	ug/l	90
18) Methylene Chloride	5.259	84	22561	5.189	ug/l #	86
19) trans-1,2-Dichloroethene	5.777	96	20948	5.297	ug/l	95
20) Diisopropyl ether	6.665	45	67417	4.588	ug/l	95
21) 1,1-Dichloroethane	6.547	63	35861	4.688	ug/l	95
22) cis-1,2-Dichloroethene	7.471	96	25299	5.110	ug/l	95
23) tert-Butyl Alcohol	5.530	59	25966	24.126	ug/l #	100
24) Methyl tert-Butyl Ether	5.788	73	71236	4.825	ug/l	97
25) Chloroform	7.947	83	38759	4.910	ug/l	98
26) Cyclohexane	8.235	56	30537	4.818	ug/l #	94
29) 1,1-Dichloropropene	8.353	75	25177	4.854	ug/l	91
30) 2-Butanone	7.471	43	87546	22.885	ug/l #	82
31) 2,2-Dichloropropane	7.477	77	29867	4.469	ug/l	91
32) 1,1,1-Trichloroethane	8.147	97	32922	5.080	ug/l	97
33) Carbon Tetrachloride	8.341	117	27016	4.976	ug/l	97
34) Benzene	8.588	78	84408	4.906	ug/l #	90
35) Methacrylonitrile	7.765	41	19327	4.804	ug/l	93
36) 1,2-Dichloroethane	8.647	62	28124	4.709	ug/l #	93
37) Trichloroethene	9.335	130	19715	4.837	ug/l	96
38) Methylcyclohexane	9.576	83	30563	4.771	ug/l	99
39) 1,2-Dichloropropane	9.600	63	20389	4.726	ug/l #	83
40) Dibromomethane	9.694	93	16003	5.096	ug/l	96
41) Bromodichloromethane	9.871	83	31430	4.901	ug/l	98
42) Vinyl Acetate	6.594	43	322207	24.724	ug/l	98
43) Ethyl Acetate	7.553	43	33209	4.516	ug/l	97

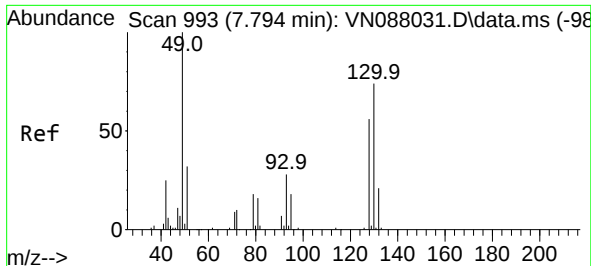
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	8.671	43	56864	4.734	ug/l	95
45) 1,4-Dioxane	9.688	88	6928	86.727	ug/l #	93
46) Methyl methacrylate	9.671	41	25937	4.904	ug/l	97
48) t-1,3-Dichloropropene	10.818	75	32929	4.617	ug/l	94
49) cis-1,3-Dichloropropene	10.294	75	34591	4.650	ug/l	91
50) 1,1,2-Trichloroethane	10.994	97	20059	4.824	ug/l	95
51) Ethyl methacrylate	10.859	69	32187	4.573	ug/l	95
52) 1,3-Dichloropropane	11.147	76	34961	4.819	ug/l	99
53) Dibromochloromethane	11.335	129	22140	4.453	ug/l	98
54) 1,2-Dibromoethane	11.447	107	21081	4.742	ug/l	97
55) 2-Chloroethyl vinyl ether	10.141	63	80233	21.121	ug/l	99
56) Bromoform	12.565	173	14935	4.444	ug/l #	96
58) 4-Methyl-2-Pentanone	10.423	43	169403	23.263	ug/l	97
59) 2-Hexanone	11.182	43	91438	19.018	ug/l	95
61) Tetrachloroethene	11.082	164	15873	4.815	ug/l	94
62) Toluene	10.612	91	88137	4.773	ug/l	98
64) Chlorobenzene	11.865	112	58374	4.949	ug/l	91
65) 1,1,1,2-Tetrachloroethane	11.941	131	18234	4.486	ug/l	87
66) Ethyl Benzene	11.947	91	97291	4.845	ug/l	98
67) m/p-Xylenes	12.053	106	73850	9.540	ug/l	99
68) o-Xylene	12.376	106	37966	4.927	ug/l	97
69) Styrene	12.394	104	56067	4.398	ug/l	98
70) Isopropylbenzene	12.676	105	93065	4.927	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.917	83	29996	4.684	ug/l #	98
72) 1,2,3-Trichloropropane	12.970	75	38598	6.490	ug/l	59
73) Bromobenzene	12.959	156	21170	4.586	ug/l	97
74) n-propylbenzene	13.012	91	106424	4.668	ug/l	100
75) 2-Chlorotoluene	13.106	91	69567	4.990	ug/l	95
76) 1,3,5-Trimethylbenzene	13.153	105	77051	4.803	ug/l	95
77) t-1,4-Dichloro-2-butene	12.717	75	7277	3.071	ug/l	86
78) 4-Chlorotoluene	13.200	91	71542	5.051	ug/l	97
79) tert-butylbenzene	13.412	119	67015	4.818	ug/l	98
80) 1,2,4-Trimethylbenzene	13.459	105	75720	4.715	ug/l	98
81) sec-Butylbenzene	13.594	105	95520	4.885	ug/l	97
82) p-Isopropyltoluene	13.706	119	80276	4.808	ug/l	99
83) 1,3-Dichlorobenzene	13.711	146	40521	4.665	ug/l	97
84) 1,4-Dichlorobenzene	13.794	146	46942	5.240	ug/l	95
85) n-Butylbenzene	14.029	91	73887	4.757	ug/l	100
86) Hexachloroethane	14.311	117	15548	4.649	ug/l	97
87) 1,2-Dichlorobenzene	14.088	146	40934	4.791	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.706	75	6984	4.749	ug/l #	81
89) 1,2,4-Trichlorobenzene	15.811	180	23331	4.585	ug/l	99
90) Hexachlorobutadiene	15.470	225	8735	4.932	ug/l	97
91) Naphthalene	15.617	128	87302	4.686	ug/l	98
92) 1,2,3-Trichlorobenzene	15.811	180	23331	4.585	ug/l	99

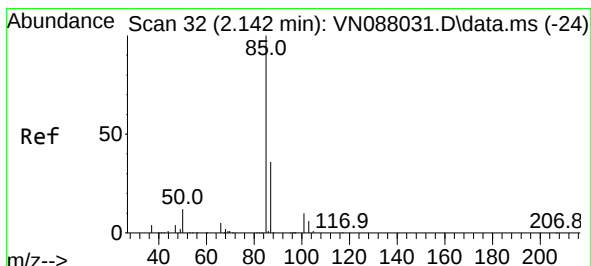
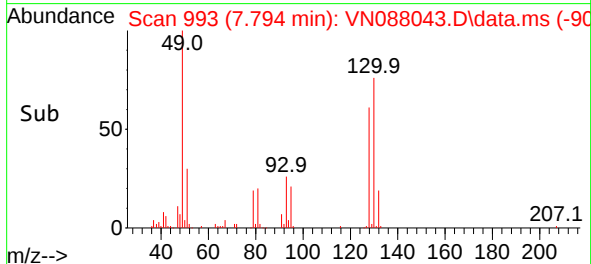
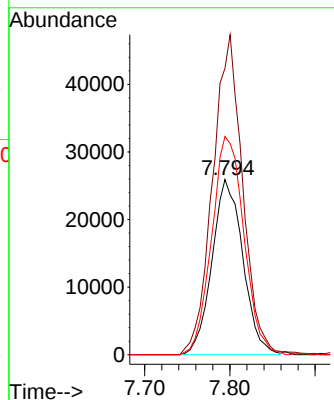
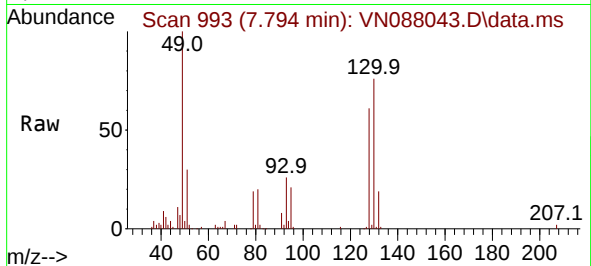
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.000 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

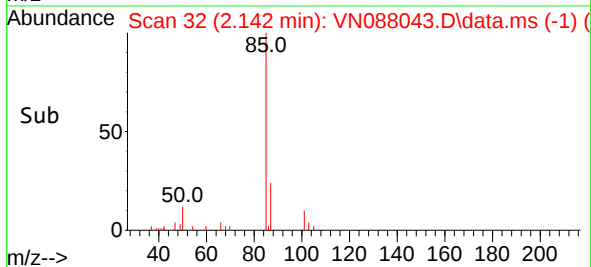
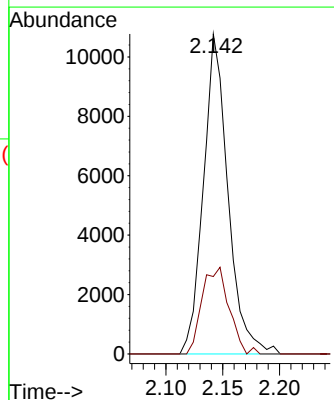
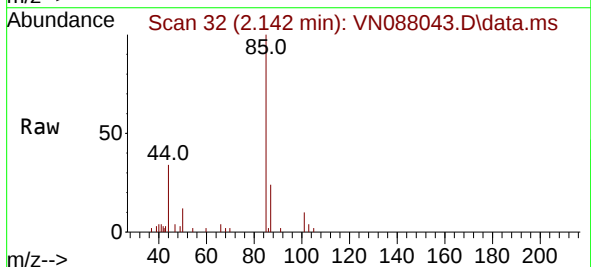
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2025

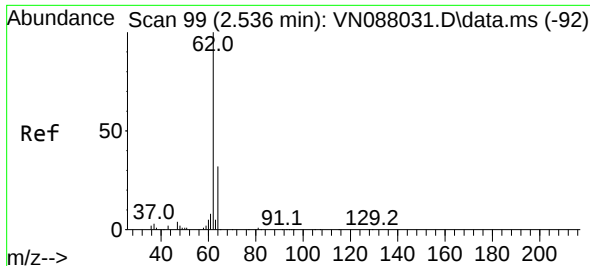
Tgt Ion	Ratio	Lower	Upper
128	100		
49	178.1	0.0	439.8
130	130.4	0.0	325.8



#2
Dichlorodifluoromethane
Concen: 4.358 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

Tgt Ion	Ratio	Lower	Upper
85	100		
87	24.2	17.9	53.8

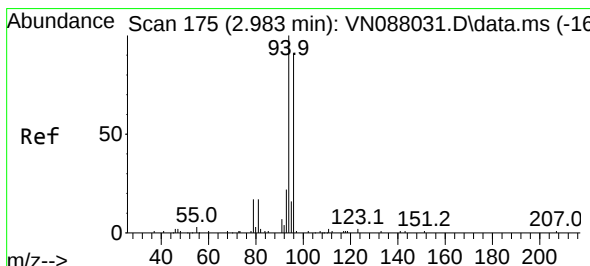
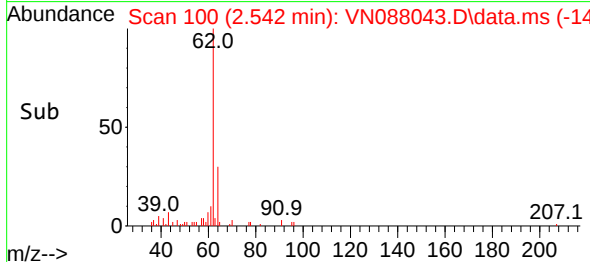
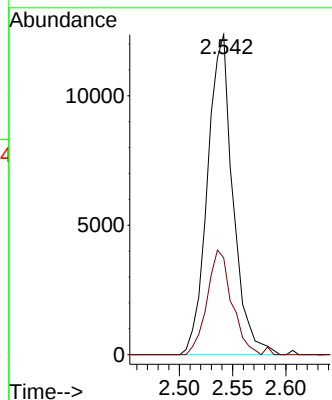
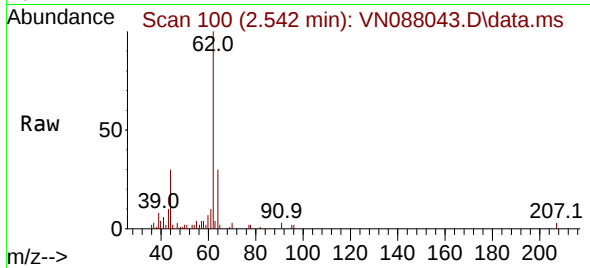




#4
 Vinyl Chloride
 Concen: 4.664 ug/l
 RT: 2.542 min Scan# 100
 Delta R.T. 0.006 min
 Lab File: VN088043.D
 Acq: 08 Oct 2025 16:02

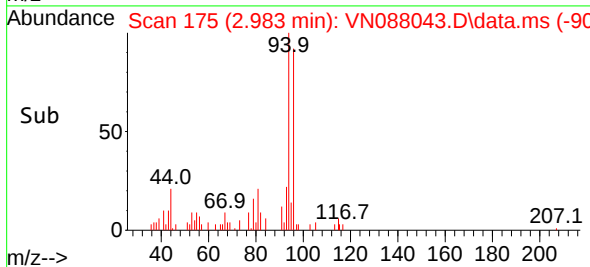
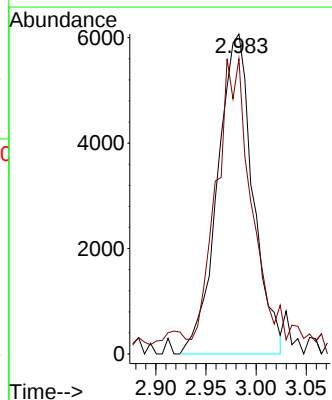
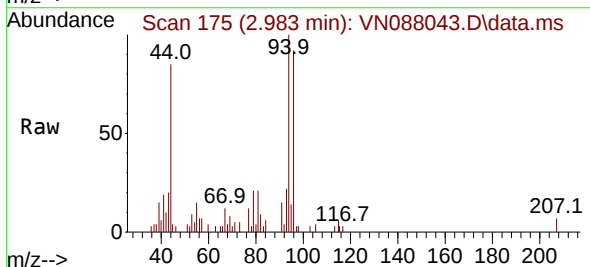
Instrument :
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 ClientSampleId :
 LOQ-WATER-02-QT3-2025

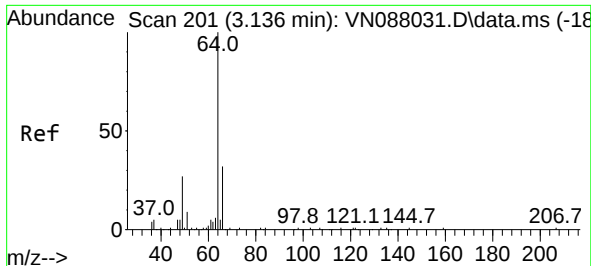
Tgt Ion: 62 Resp: 20543
 Ion Ratio Lower Upper
 62 100
 64 30.2 25.7 38.5



#5
 Bromomethane
 Concen: 6.309 ug/l
 RT: 2.983 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VN088043.D
 Acq: 08 Oct 2025 16:02

Tgt Ion: 94 Resp: 14945
 Ion Ratio Lower Upper
 94 100
 96 85.4 73.0 109.4

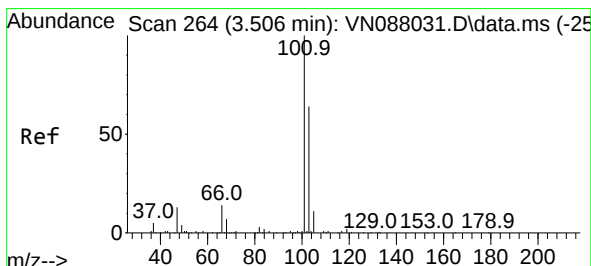
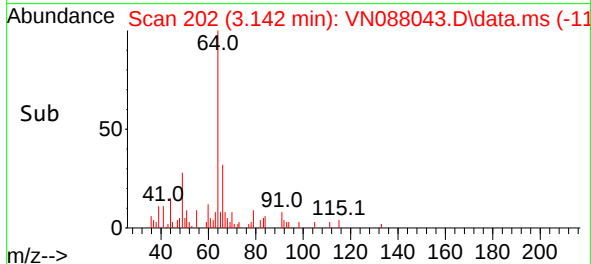
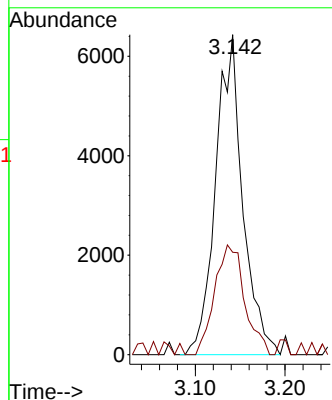
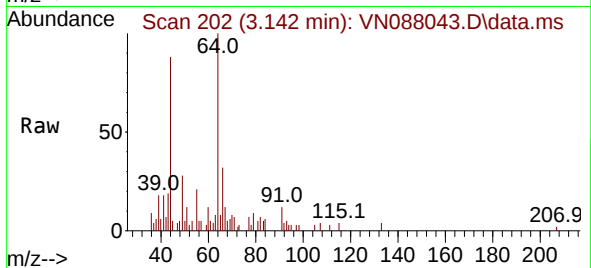




#6
Chloroethane
Concen: 4.627 ug/l
RT: 3.142 min Scan# 201
Delta R.T. 0.006 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

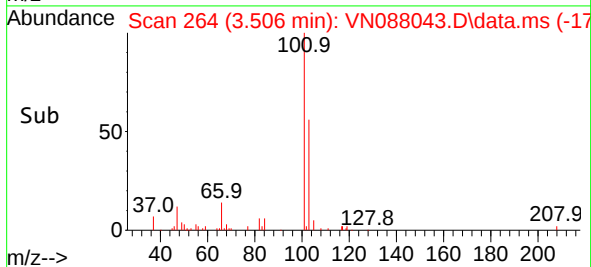
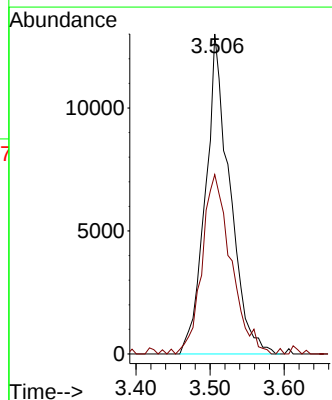
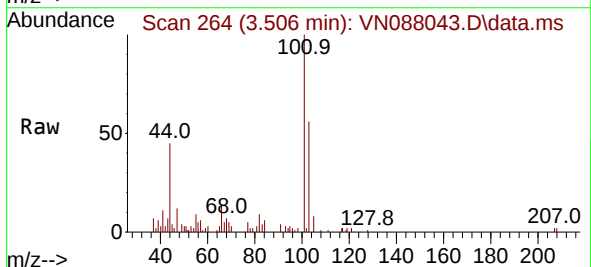
Instrument :
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ClientSampleId :
LOQ-WATER-02-QT3-2025

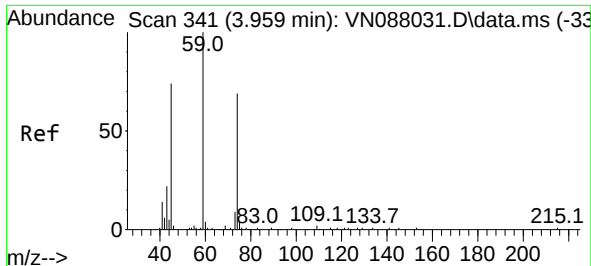
Tgt Ion: 64 Resp: 13446
Ion Ratio Lower Upper
64 100
66 28.5 26.8 40.2



#7
Trichlorofluoromethane
Concen: 4.947 ug/l
RT: 3.506 min Scan# 264
Delta R.T. 0.000 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

Tgt Ion: 101 Resp: 29632
Ion Ratio Lower Upper
101 100
103 54.6 51.0 76.4

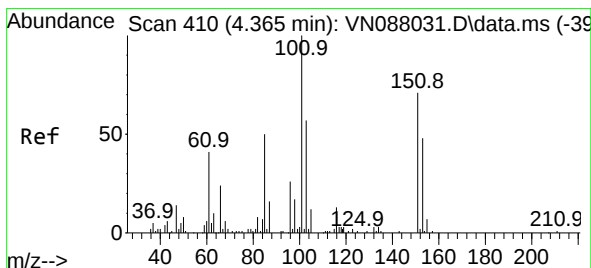
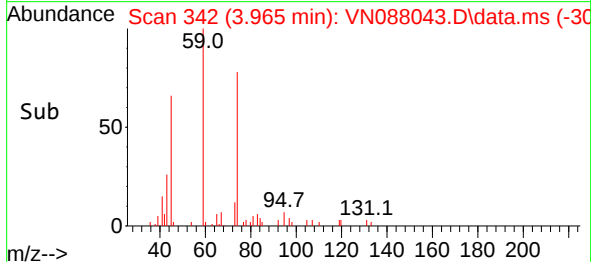
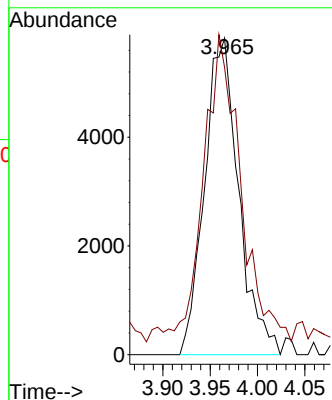
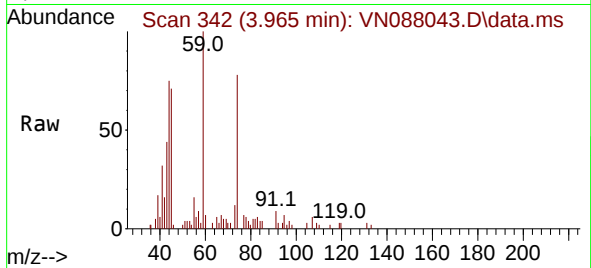




#8
Diethyl Ether
Concen: 5.385 ug/l
RT: 3.965 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

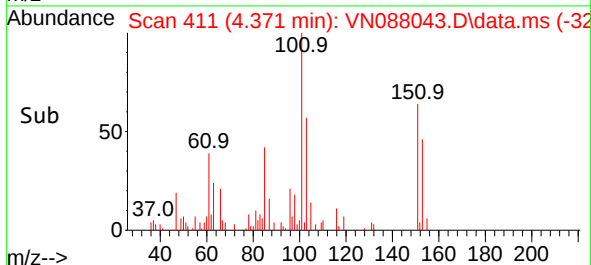
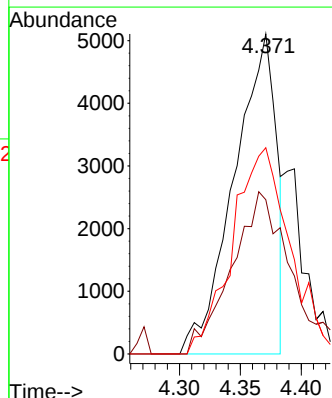
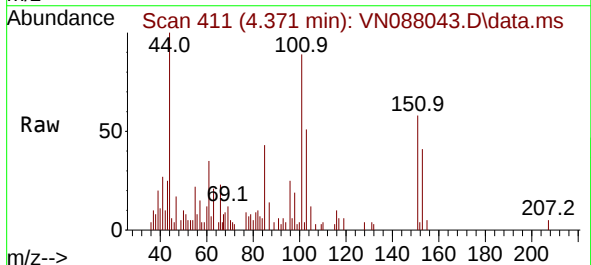
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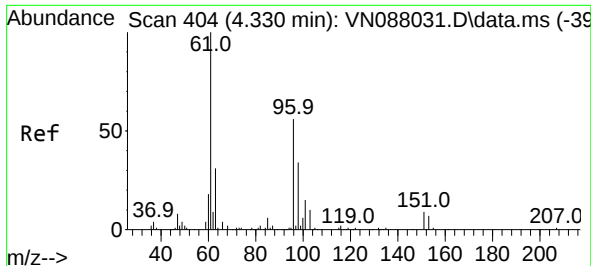
Tgt Ion: 74 Resp: 14576
Ion Ratio Lower Upper
74 100
45 92.3 20.4 183.8



#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.869 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

Tgt Ion: 101 Resp: 12405
Ion Ratio Lower Upper
101 100
85 66.7 0.0 103.2
151 71.0 0.0 141.4

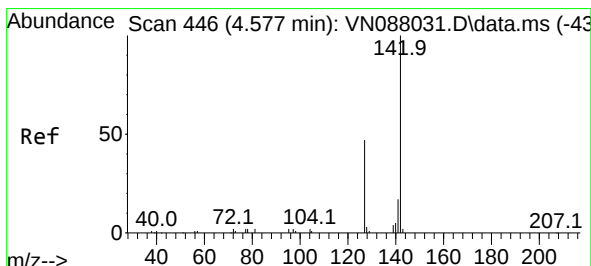
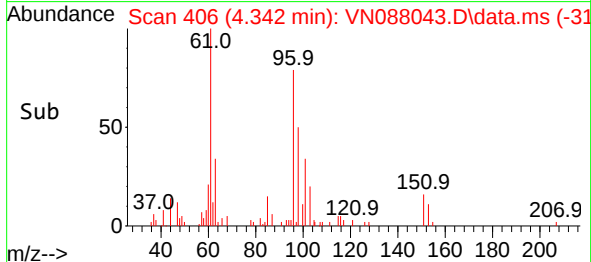
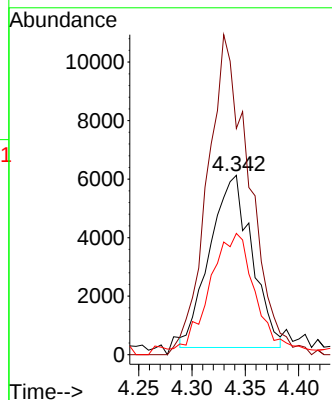
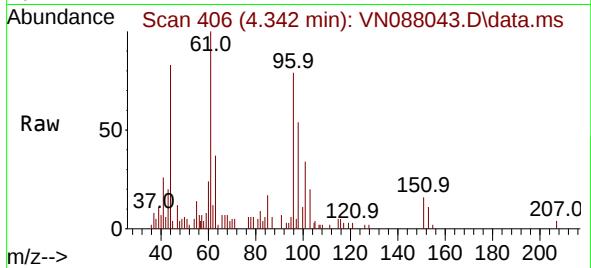




#10
1,1-Dichloroethene
Concen: 4.709 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

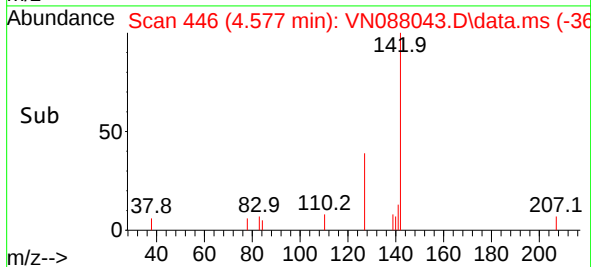
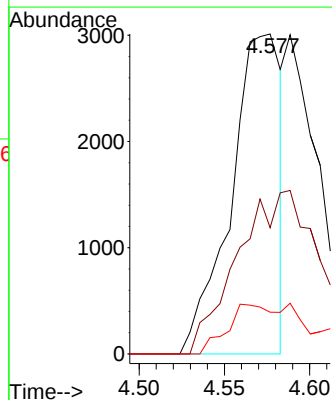
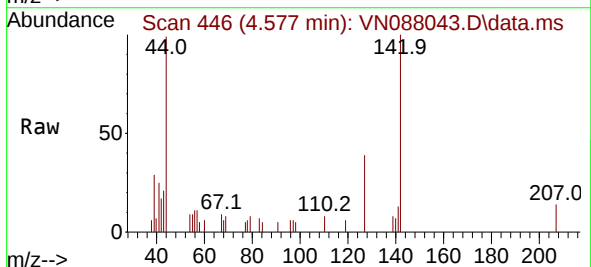
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2025

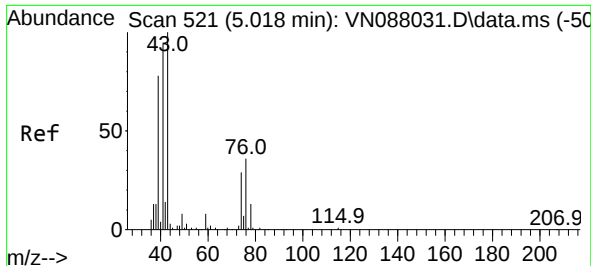
Tgt Ion: 96 Resp: 16107
Ion Ratio Lower Upper
96 100
61 128.6 144.1 216.1#
98 68.2 49.0 73.6



#11
Methyl Iodide
Concen: 1.949 ug/l
RT: 4.577 min Scan# 446
Delta R.T. 0.000 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

Tgt Ion:142 Resp: 6145
Ion Ratio Lower Upper
142 100
127 18.6 23.4 70.3#
141 11.8 8.8 26.2

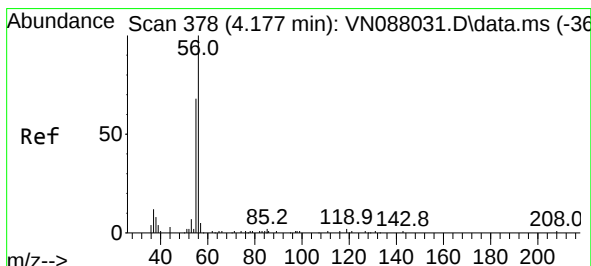
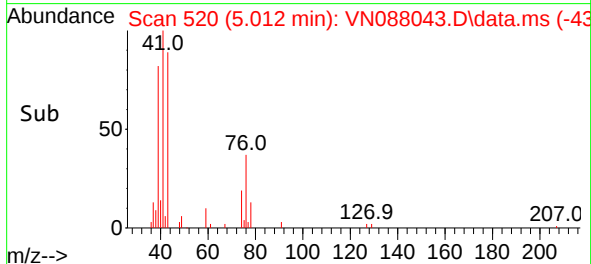
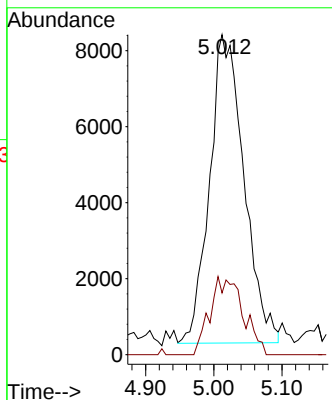
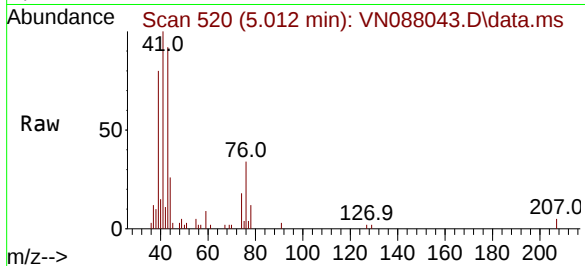




#12
Methyl Acetate
Concen: 5.116 ug/l
RT: 5.012 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

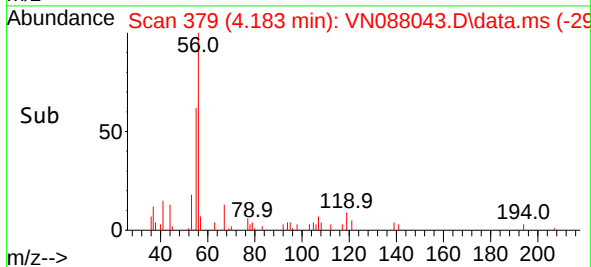
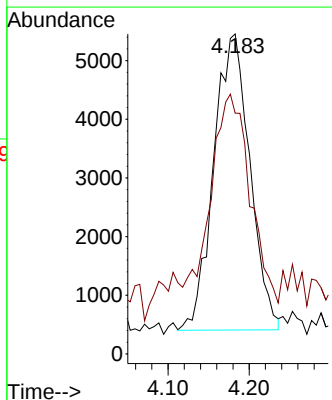
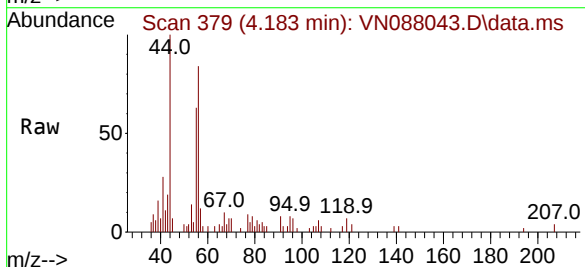
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2025

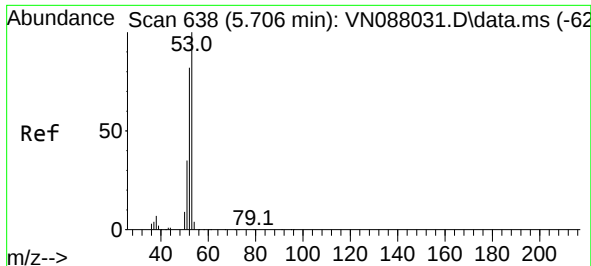
Tgt Ion: 43 Resp: 28448
Ion Ratio Lower Upper
43 100
74 20.4 23.3 34.9#



#13
Acrolein
Concen: 18.169 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

Tgt Ion: 56 Resp: 15635
Ion Ratio Lower Upper
56 100
55 89.2 0.3 0.5#

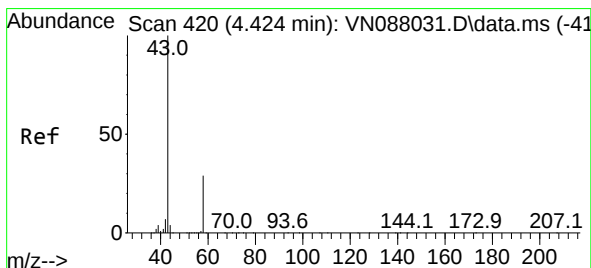
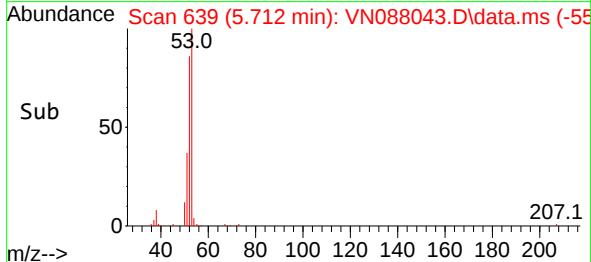
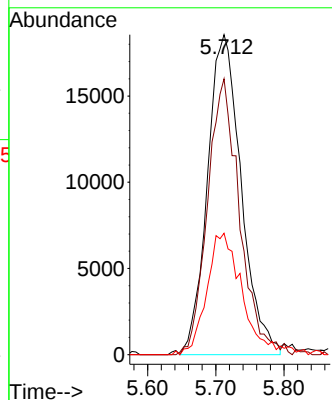
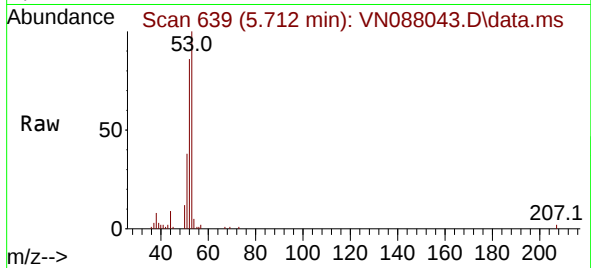




#14
Acrylonitrile
Concen: 23.824 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

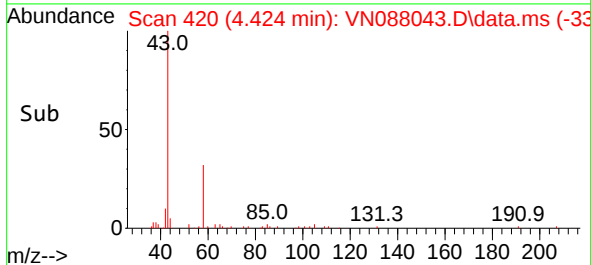
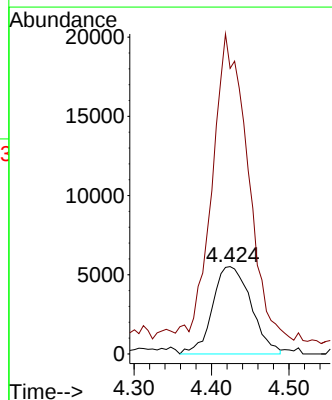
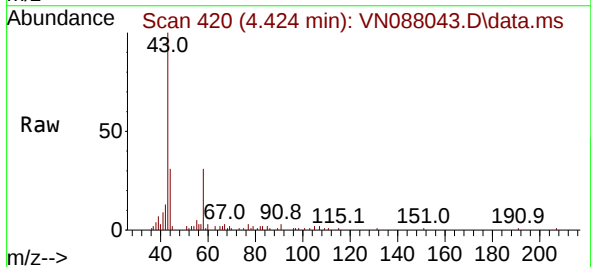
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2025

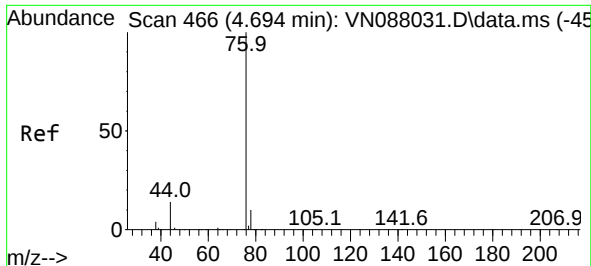
Tgt Ion: 53 Resp: 63933
Ion Ratio Lower Upper
53 100
52 81.8 41.3 124.1
51 38.2 18.0 54.0



#15
Acetone
Concen: 24.212 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

Tgt Ion: 58 Resp: 19028
Ion Ratio Lower Upper
58 100
43 298.8 282.6 424.0

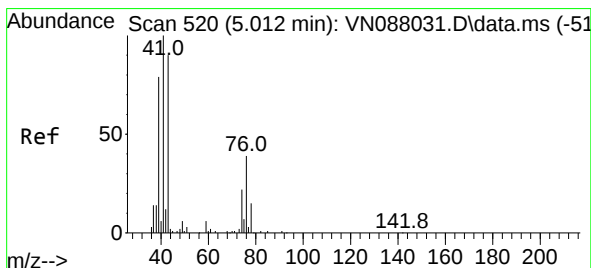
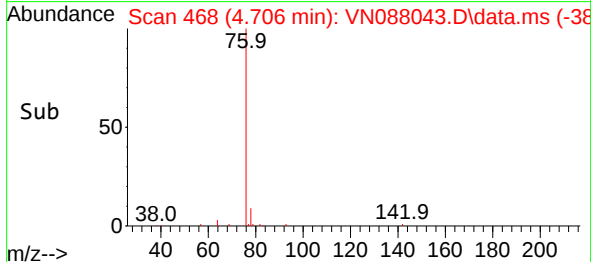
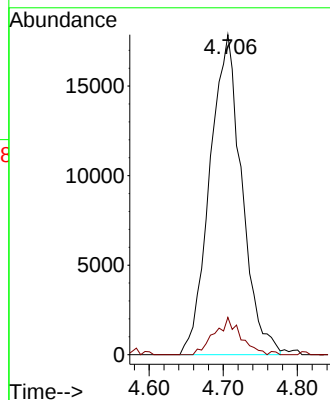
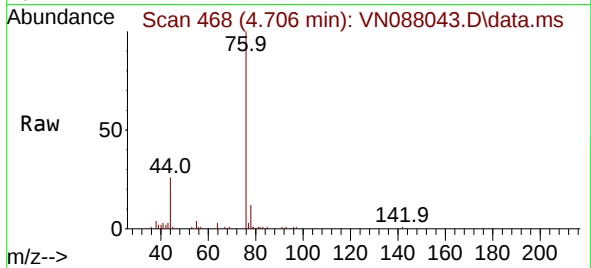




#16
Carbon Disulfide
Concen: 4.996 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.012 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

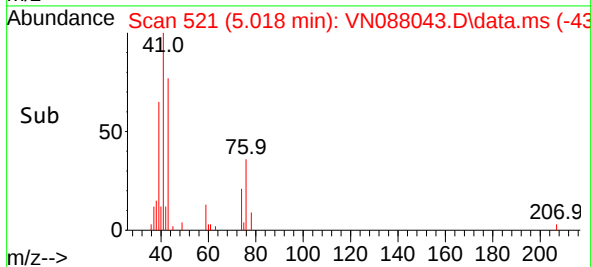
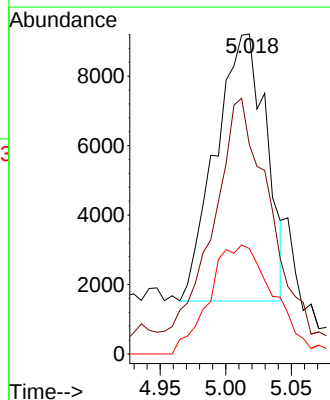
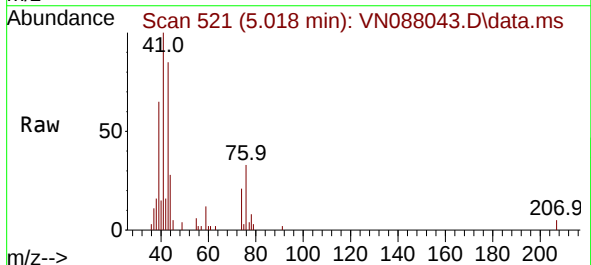
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2025

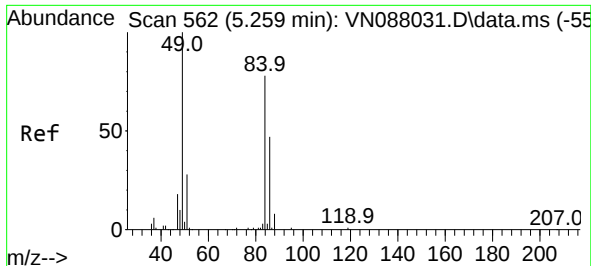
Tgt Ion: 76 Resp: 53568
Ion Ratio Lower Upper
76 100
78 11.7 7.8 11.8



#17
Allyl chloride
Concen: 3.195 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

Tgt Ion: 41 Resp: 20623
Ion Ratio Lower Upper
41 100
39 62.1 36.4 109.2
76 34.1 18.1 54.1

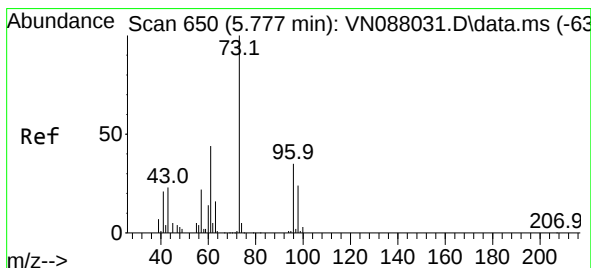
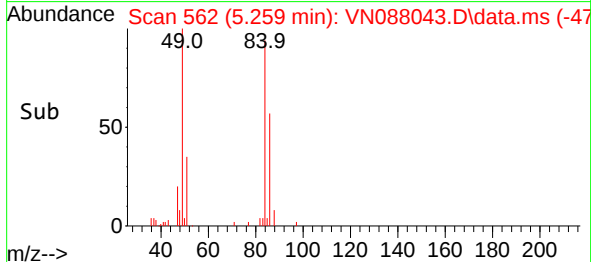
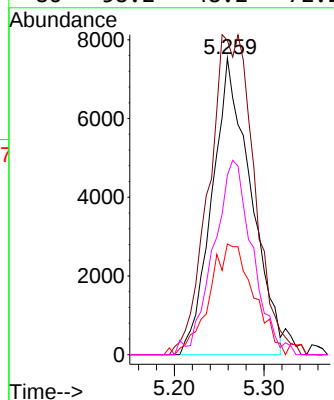
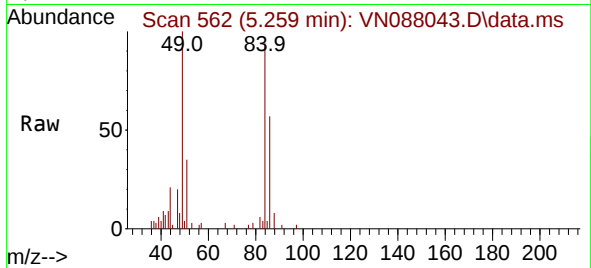




#18
Methylene Chloride
Concen: 5.189 ug/l
RT: 5.259 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

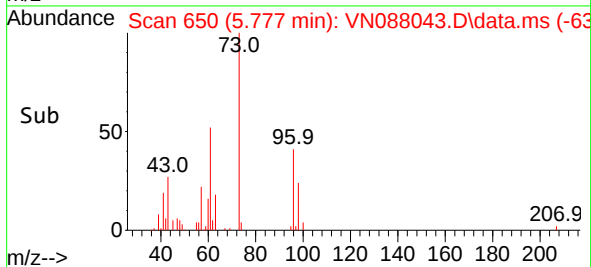
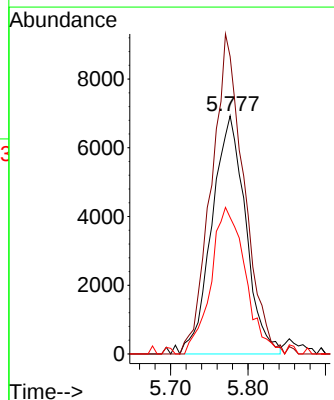
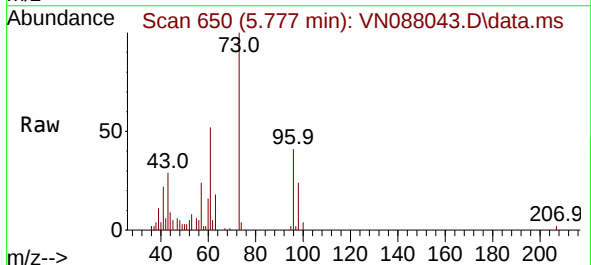
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2025

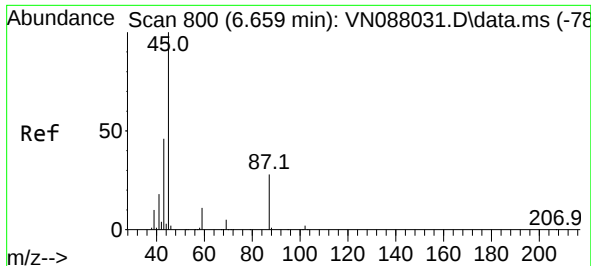
Tgt Ion:	84	Resp:	22561
Ion	Ratio	Lower	Upper
84	100		
49	101.7	102.6	153.8#
51	35.2	28.6	42.8
86	58.2	48.2	72.2



#19
trans-1,2-Dichloroethene
Concen: 5.297 ug/l
RT: 5.777 min Scan# 650
Delta R.T. 0.000 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

Tgt Ion:	96	Resp:	20948
Ion	Ratio	Lower	Upper
96	100		
61	124.9	100.6	151.0
98	57.4	54.0	81.0

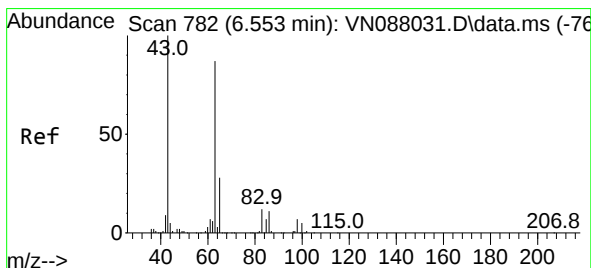
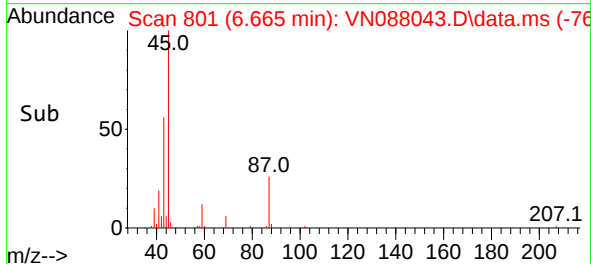
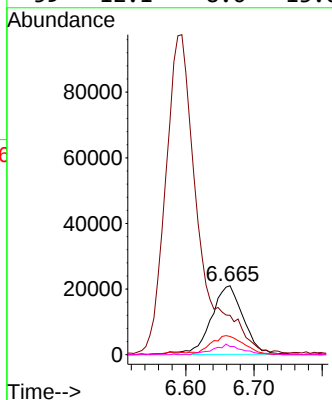
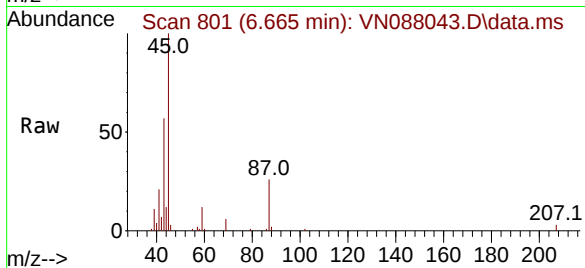




#20
Diisopropyl ether
Concen: 4.588 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.006 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

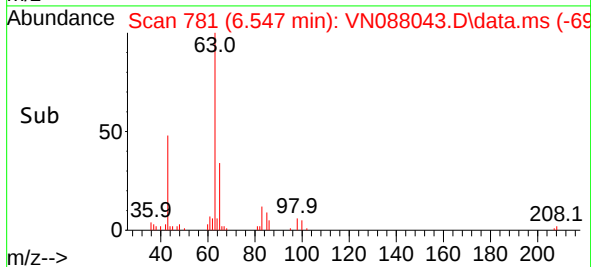
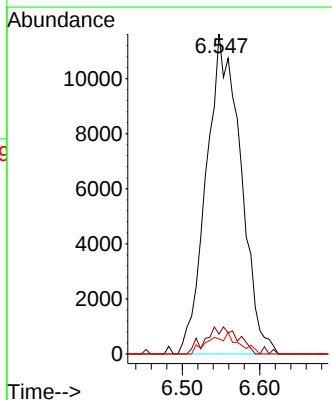
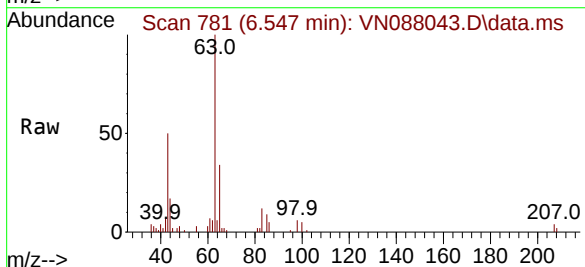
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2025

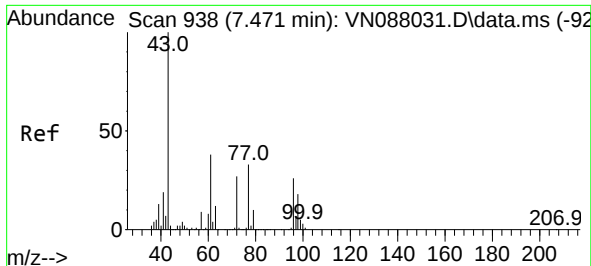
Tgt Ion:	45	Resp:	67417
Ion	Ratio	Lower	Upper
45	100		
43	52.8	46.1	69.1
87	26.0	22.3	33.5
59	12.1	8.6	13.0



#21
1,1-Dichloroethane
Concen: 4.688 ug/l
RT: 6.547 min Scan# 781
Delta R.T. -0.006 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

Tgt Ion:	63	Resp:	35861
Ion	Ratio	Lower	Upper
63	100		
98	6.3	4.3	12.8
100	4.7	2.6	8.0

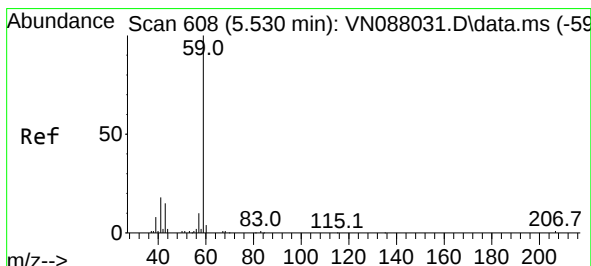
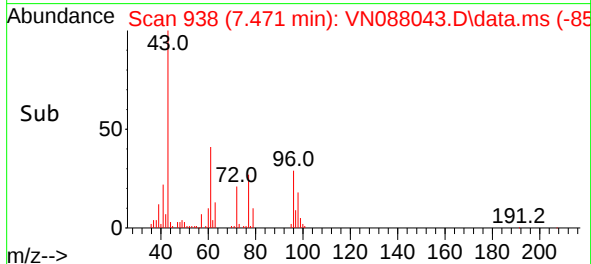
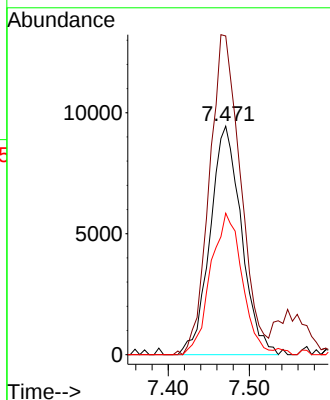
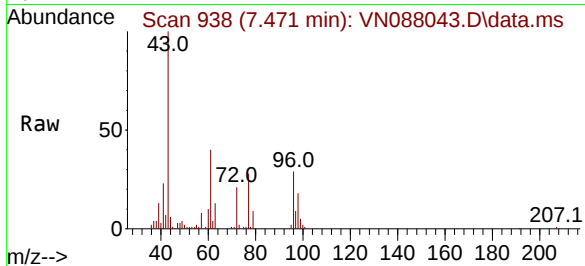




#22
 cis-1,2-Dichloroethene
 Concen: 5.110 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN088043.D
 Acq: 08 Oct 2025 16:02

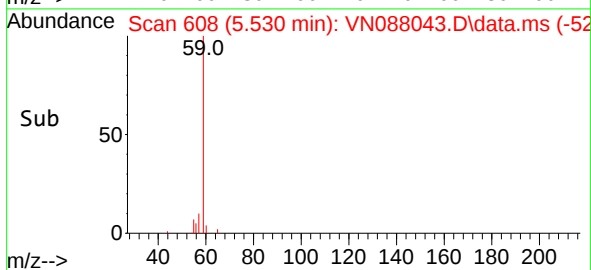
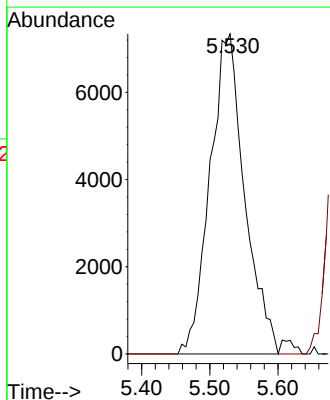
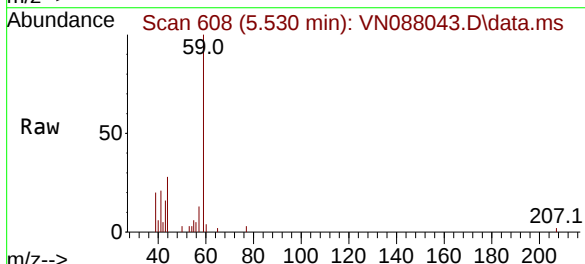
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2025

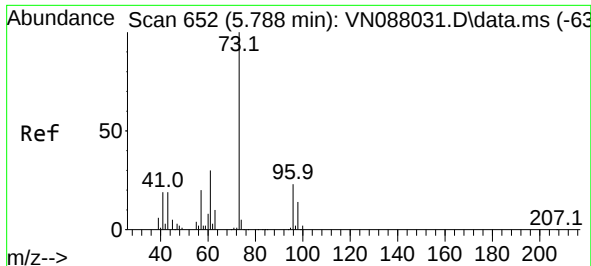
Tgt Ion: 96 Resp: 25299
 Ion Ratio Lower Upper
 96 100
 61 139.3 117.0 175.6
 98 62.3 52.6 79.0



#23
 tert-Butyl Alcohol
 Concen: 24.126 ug/l
 RT: 5.530 min Scan# 608
 Delta R.T. 0.000 min
 Lab File: VN088043.D
 Acq: 08 Oct 2025 16:02

Tgt Ion: 59 Resp: 25966
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

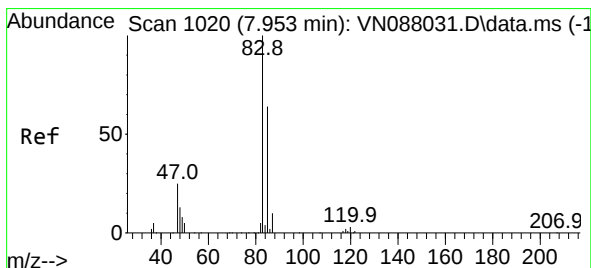
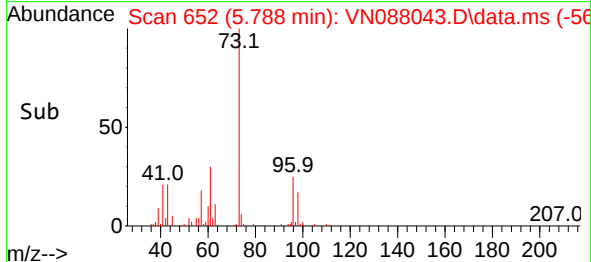
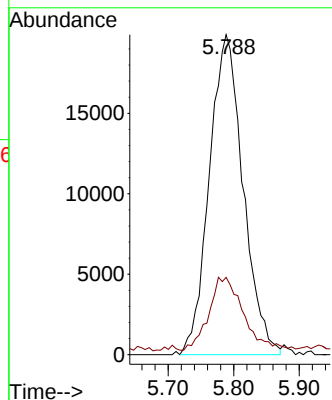
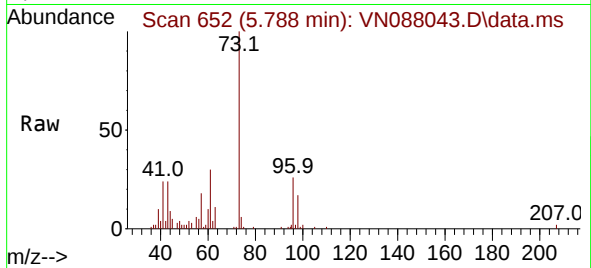




#24
Methyl tert-Butyl Ether
Concen: 4.825 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

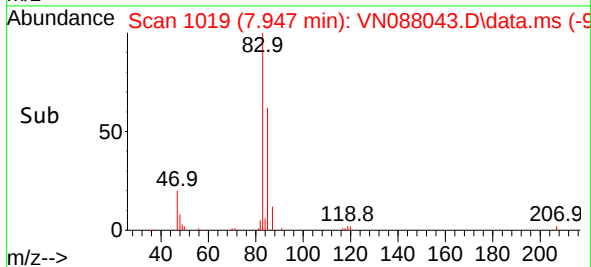
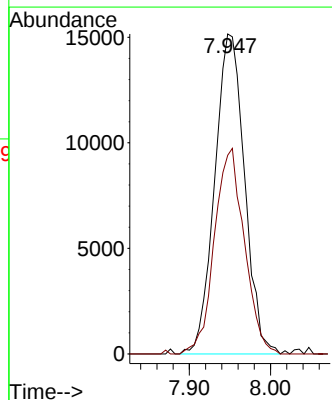
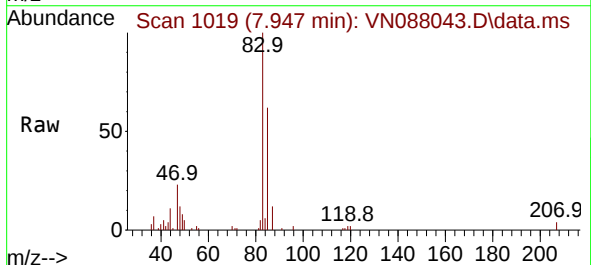
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2025

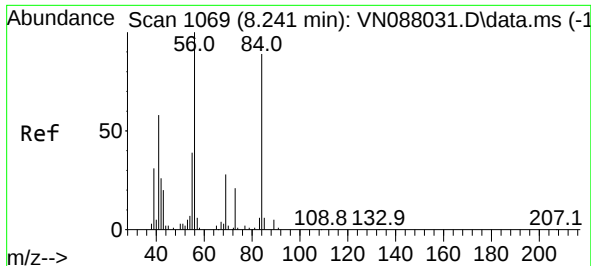
Tgt Ion: 73 Resp: 71236
Ion Ratio Lower Upper
73 100
43 22.7 17.0 25.4



#25
Chloroform
Concen: 4.910 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

Tgt Ion: 83 Resp: 38759
Ion Ratio Lower Upper
83 100
85 62.1 50.9 76.3

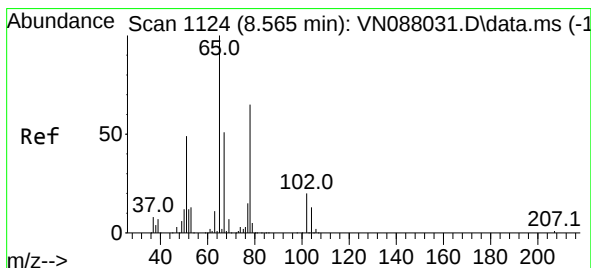
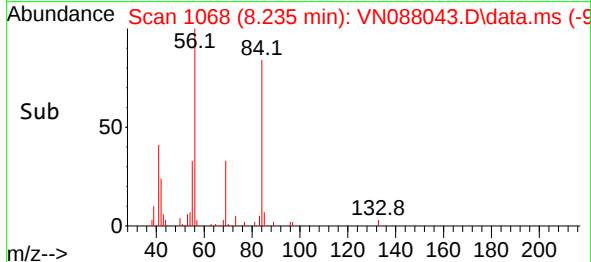
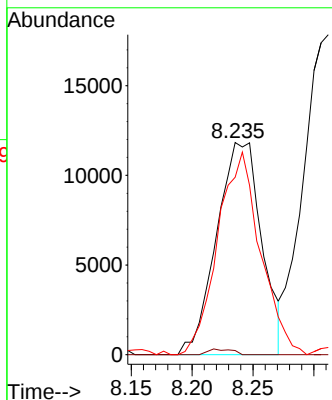
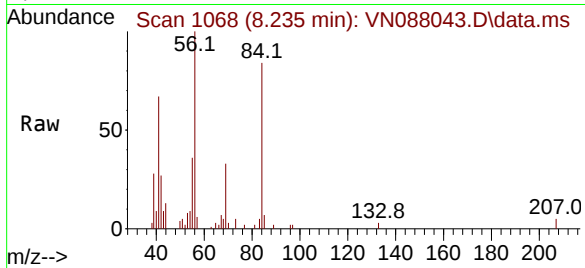




#26
Cyclohexane
Concen: 4.818 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

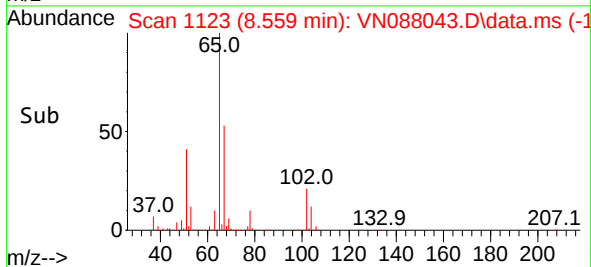
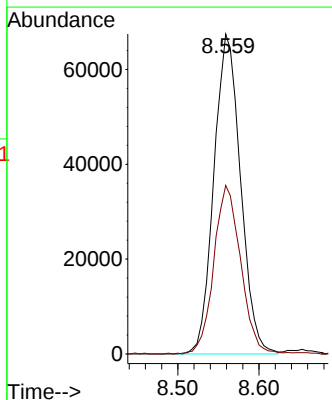
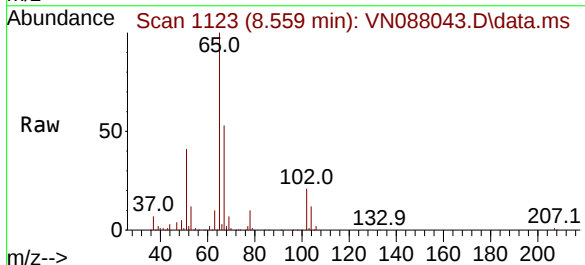
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2025

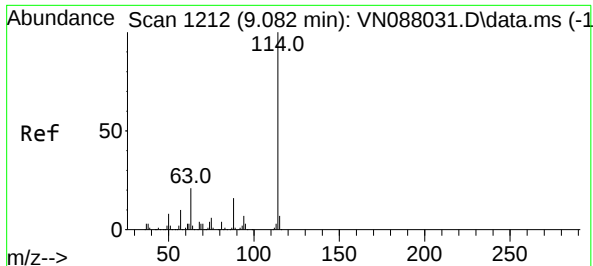
Tgt Ion: 56 Resp: 30537
Ion Ratio Lower Upper
56 100
89 0.8 8.6 12.8#
84 90.2 69.6 104.4



#27
1,2-Dichloroethane-d4
Concen: 30.398 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.006 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

Tgt Ion: 65 Resp: 153991
Ion Ratio Lower Upper
65 100
67 53.0 41.9 62.9





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN088043.D

Acq: 08 Oct 2025 16:02

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2025

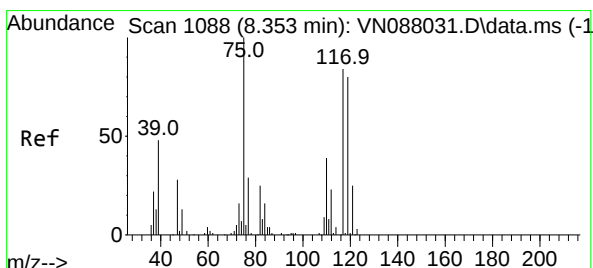
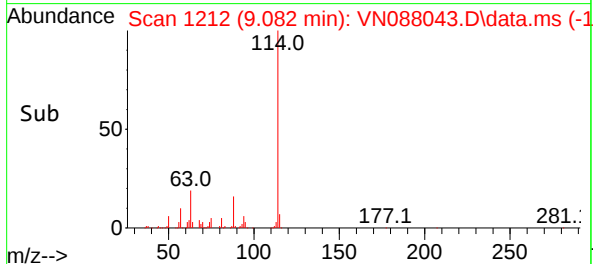
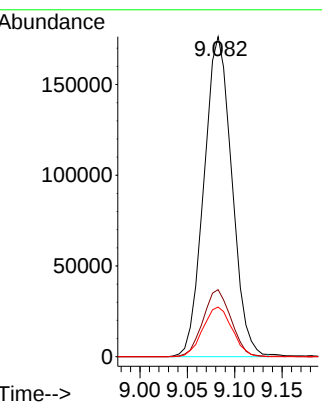
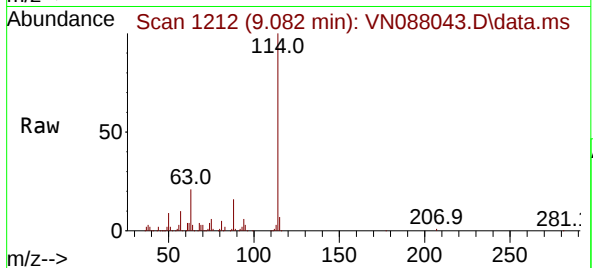
Tgt Ion:114 Resp: 361861

Ion Ratio Lower Upper

114 100

63 21.0 16.6 25.0

88 16.2 12.6 18.8



#29

1,1-Dichloropropene

Concen: 4.854 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN088043.D

Acq: 08 Oct 2025 16:02

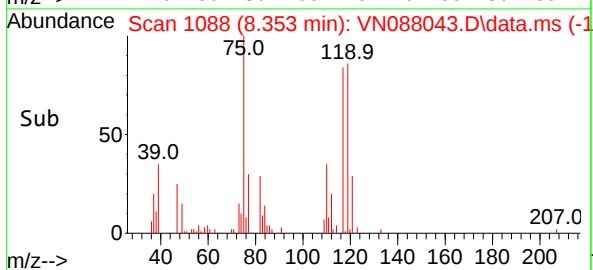
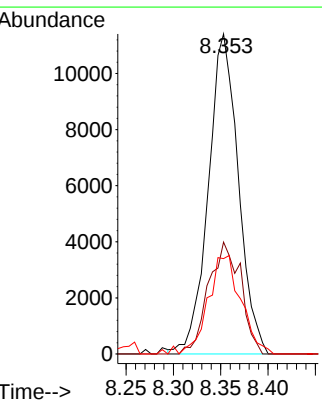
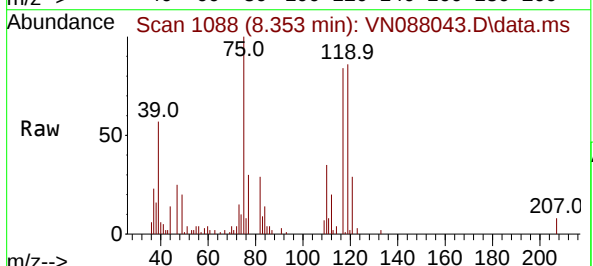
Tgt Ion: 75 Resp: 25177

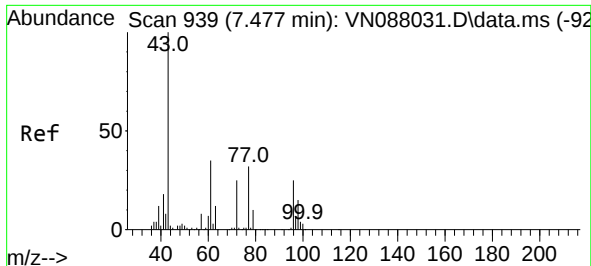
Ion Ratio Lower Upper

75 100

110 29.5 0.0 72.2

77 33.5 0.0 60.6

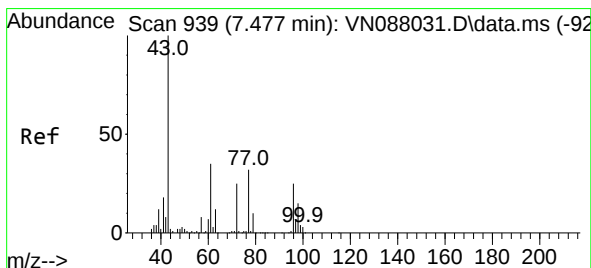
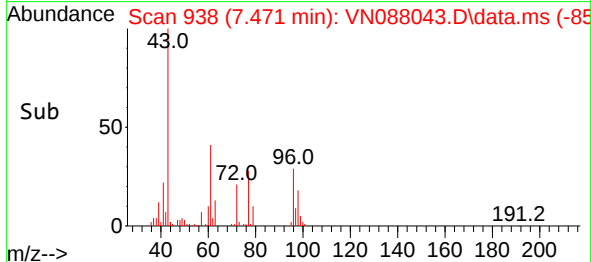
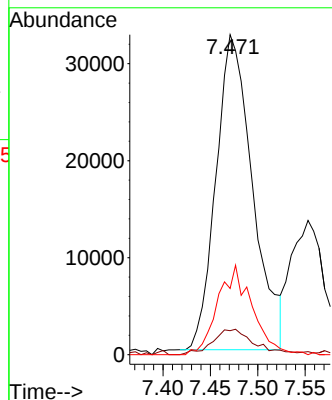
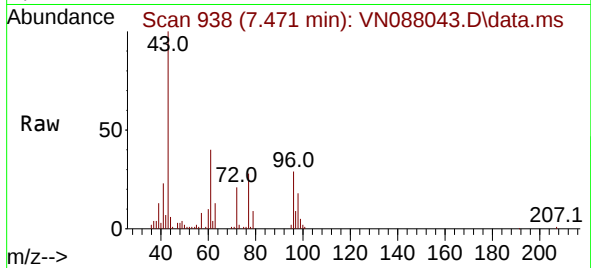




#30
2-Butanone
Concen: 22.885 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

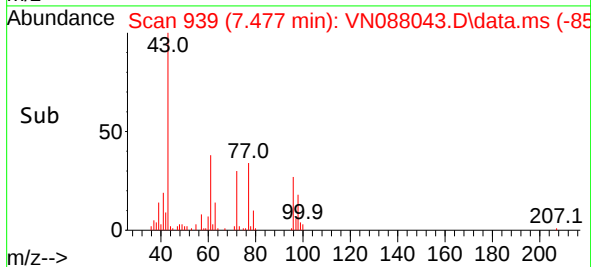
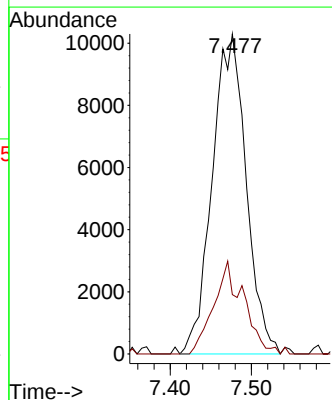
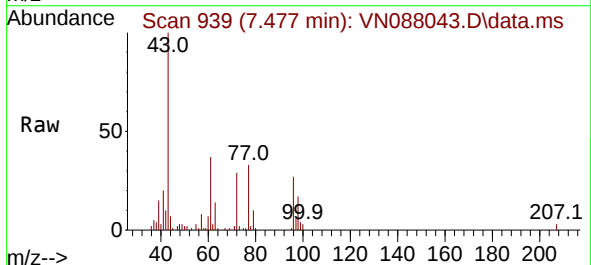
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2025

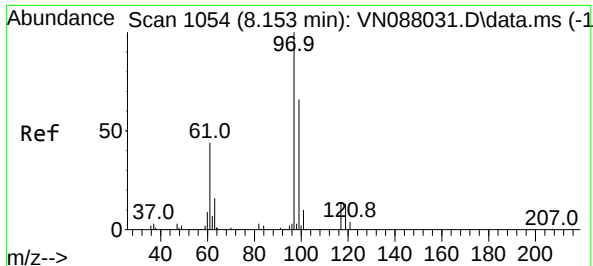
Tgt Ion: 43 Resp: 87546
Ion Ratio Lower Upper
43 100
57 7.4 6.5 9.7
72 14.9 21.4 32.2#



#31
2,2-Dichloropropane
Concen: 4.469 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

Tgt Ion: 77 Resp: 29867
Ion Ratio Lower Upper
77 100
97 18.0 17.8 26.8





#32

1,1,1-Trichloroethane

Concen: 5.080 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088043.D

Acq: 08 Oct 2025 16:02

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2025

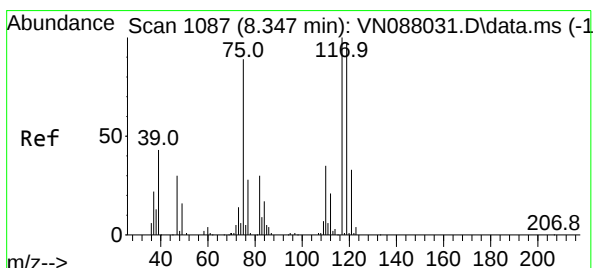
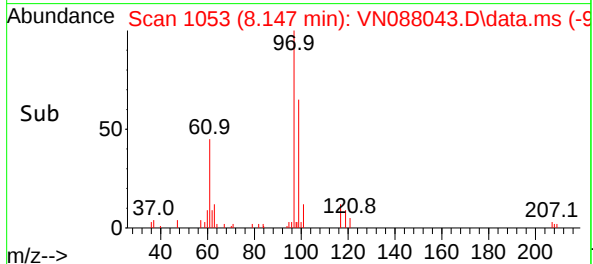
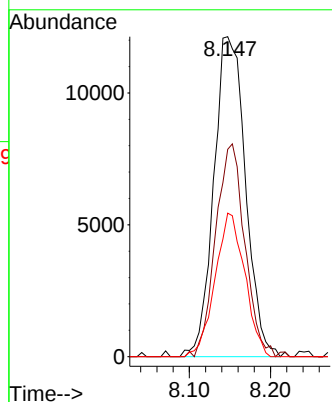
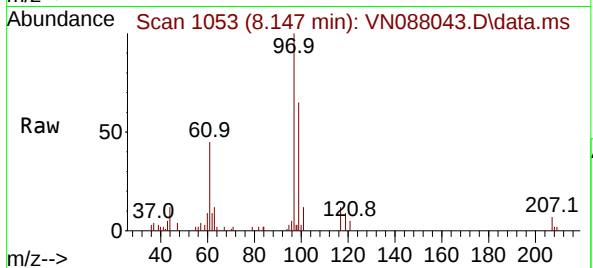
Tgt Ion: 97 Resp: 32922

Ion Ratio Lower Upper

97 100

99 60.9 51.4 77.2

61 42.0 34.7 52.1



#33

Carbon Tetrachloride

Concen: 4.976 ug/l

RT: 8.341 min Scan# 1086

Delta R.T. -0.006 min

Lab File: VN088043.D

Acq: 08 Oct 2025 16:02

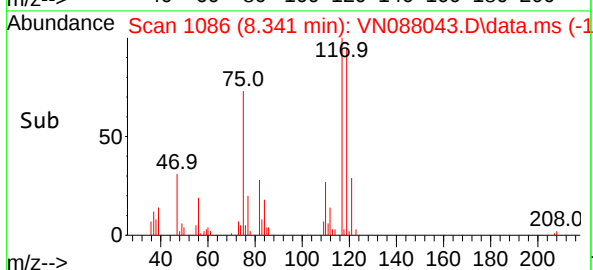
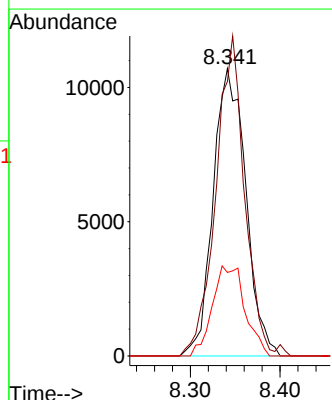
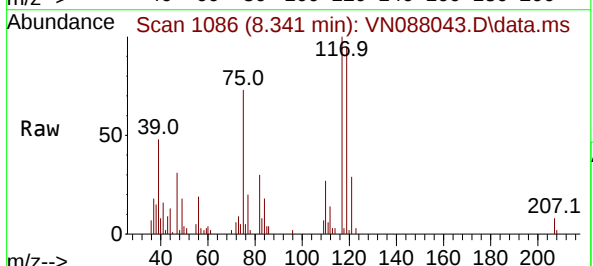
Tgt Ion: 117 Resp: 27016

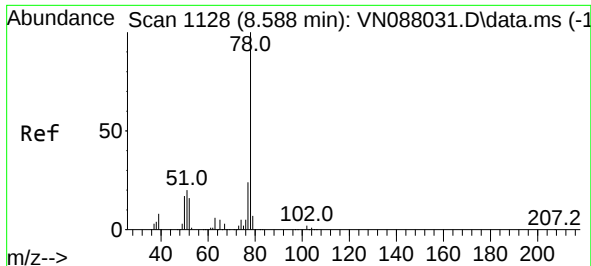
Ion Ratio Lower Upper

117 100

119 95.5 77.9 116.9

121 29.0 26.4 39.6





#34

Benzene

Concen: 4.906 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN088043.D

Acq: 08 Oct 2025 16:02

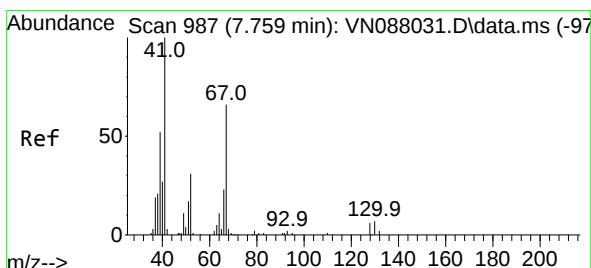
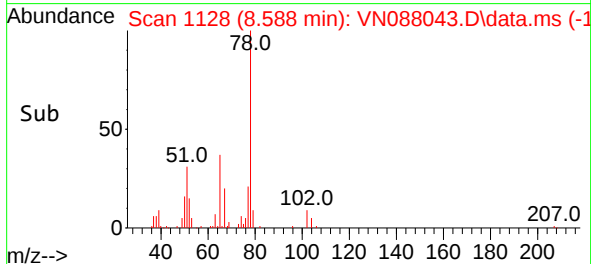
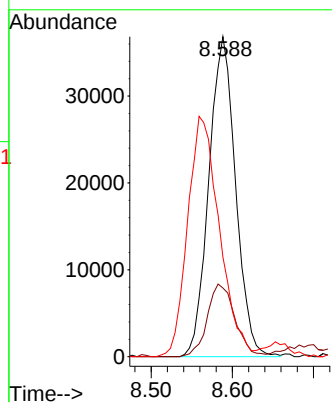
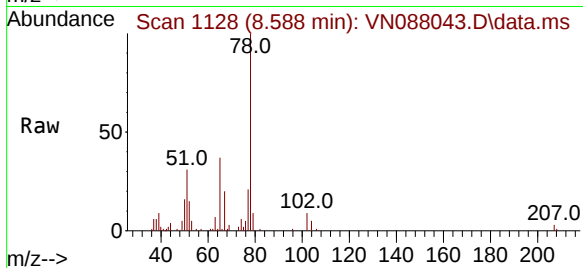
Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2025

Tgt Ion: 78	Resp: 84408
Ion Ratio	Lower Upper
78 100	
77 21.4	18.9 28.3
51 27.3	15.6 23.4#



#35

Methacrylonitrile

Concen: 4.804 ug/l

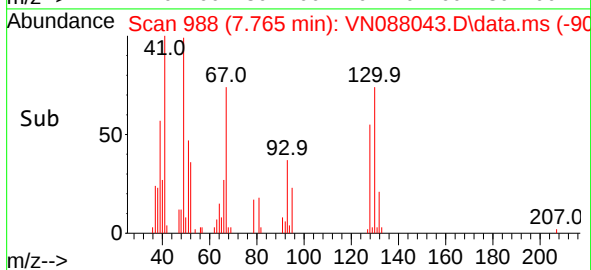
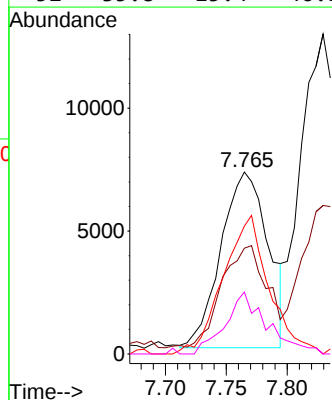
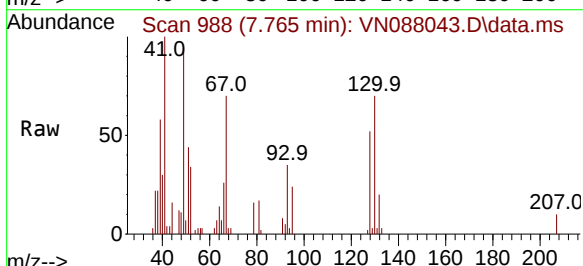
RT: 7.765 min Scan# 988

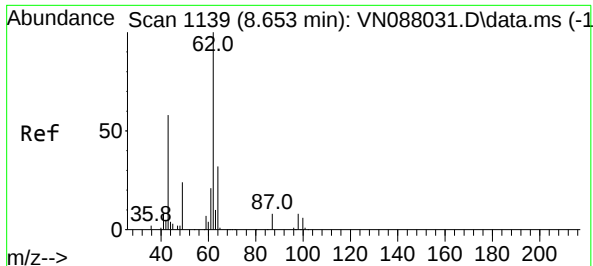
Delta R.T. 0.006 min

Lab File: VN088043.D

Acq: 08 Oct 2025 16:02

Tgt Ion: 41	Resp: 19327
Ion Ratio	Lower Upper
41 100	
39 56.2	26.1 78.3
67 71.7	33.1 99.2
52 35.8	15.4 46.1





#36

1,2-Dichloroethane

Concen: 4.709 ug/l

RT: 8.647 min Scan# 1139

Delta R.T. -0.006 min

Lab File: VN088043.D

Acq: 08 Oct 2025 16:02

Instrument :

MSVOA_N

ClientSampleId :

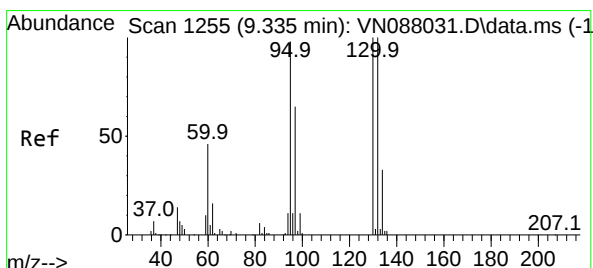
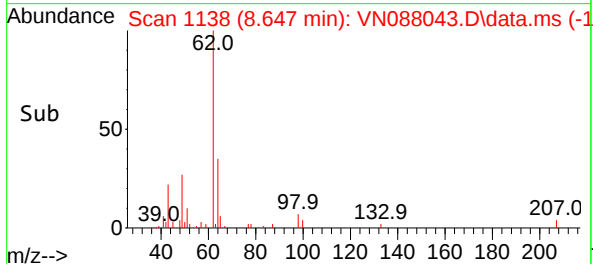
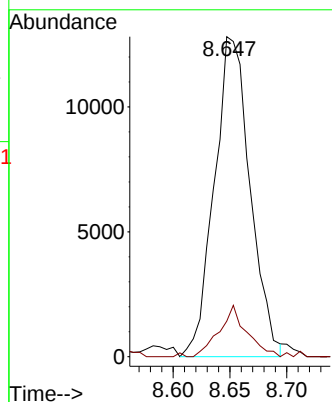
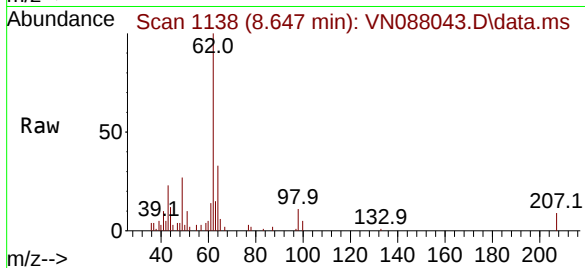
LOQ-WATER-02-QT3-2025

Tgt Ion: 62 Resp: 28124

Ion Ratio Lower Upper

62 100

98 12.3 7.8 11.6#



#37

Trichloroethene

Concen: 4.837 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. 0.000 min

Lab File: VN088043.D

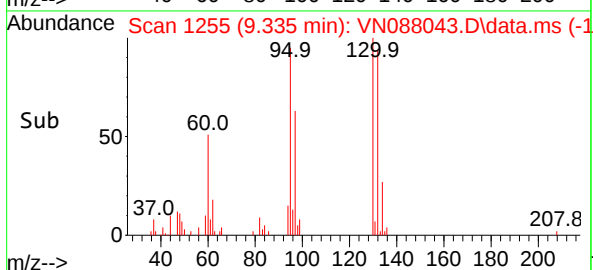
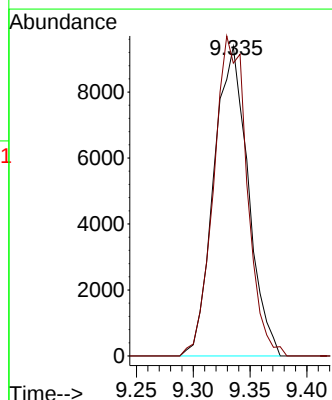
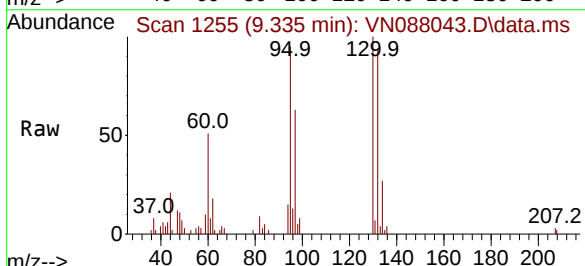
Acq: 08 Oct 2025 16:02

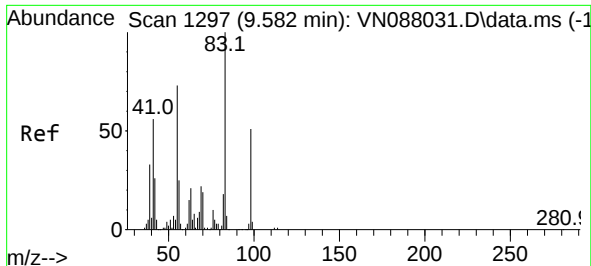
Tgt Ion: 130 Resp: 19715

Ion Ratio Lower Upper

130 100

95 94.6 78.7 118.1

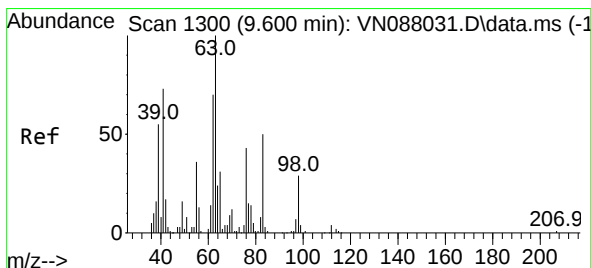
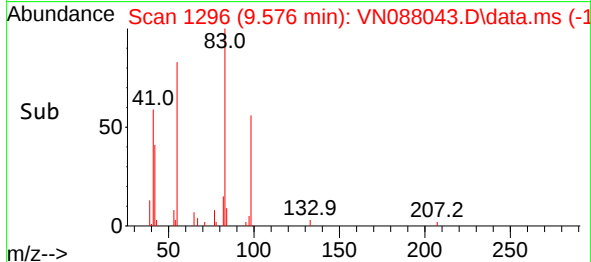
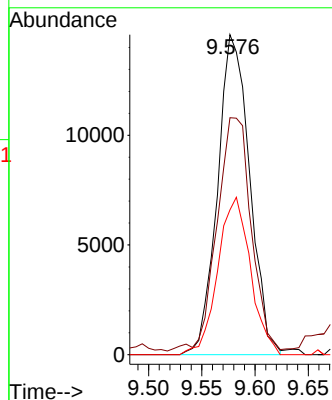
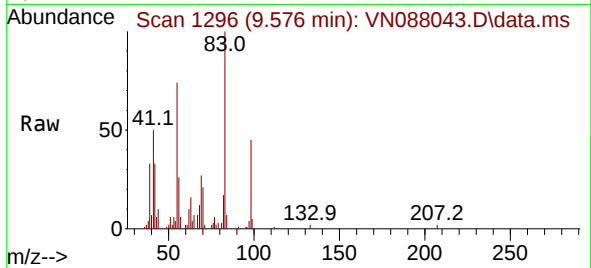




#38
Methylcyclohexane
Concen: 4.771 ug/l
RT: 9.576 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

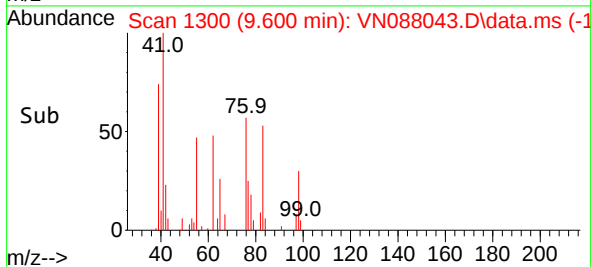
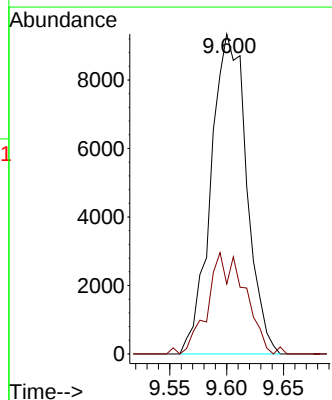
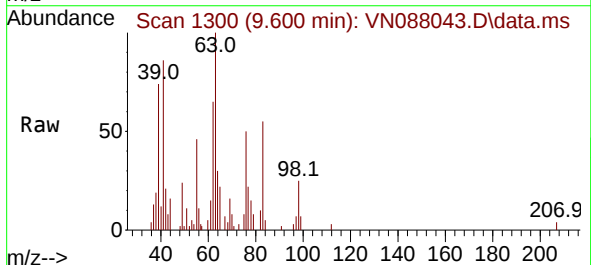
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2025

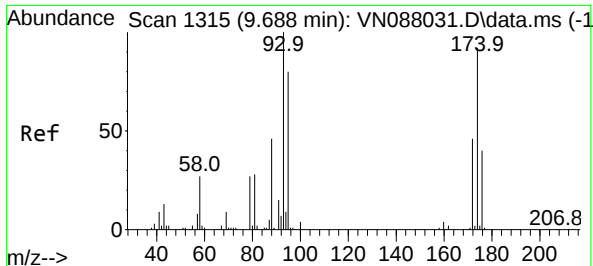
Tgt Ion: 83	Resp: 30563
Ion Ratio	Lower Upper
83	100
55	75.4 37.3 111.9
98	50.0 25.4 76.0



#39
1,2-Dichloropropane
Concen: 4.726 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

Tgt Ion: 63	Resp: 20389
Ion Ratio	Lower Upper
63	100
65	21.8 25.0 37.6#

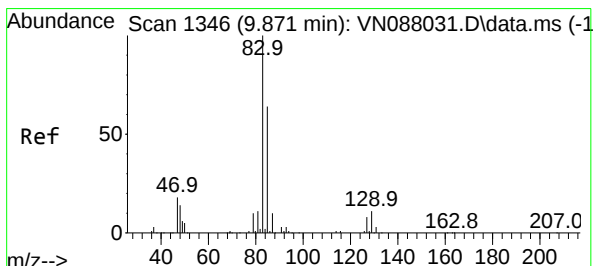
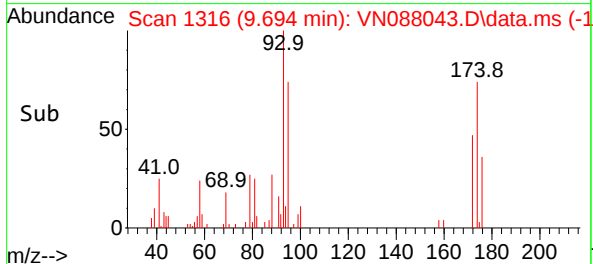
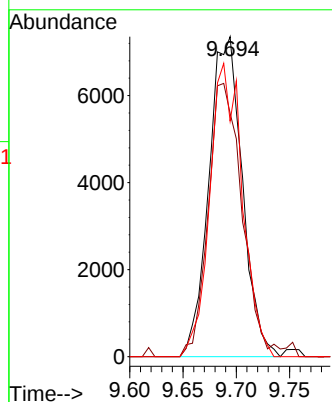
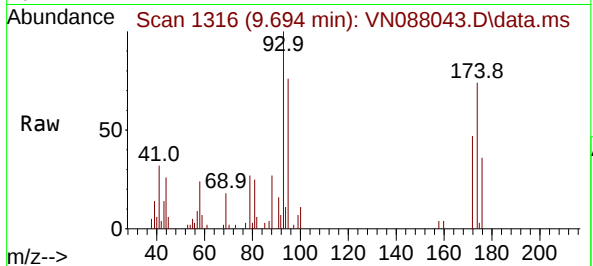




#40
Dibromomethane
Concen: 5.096 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

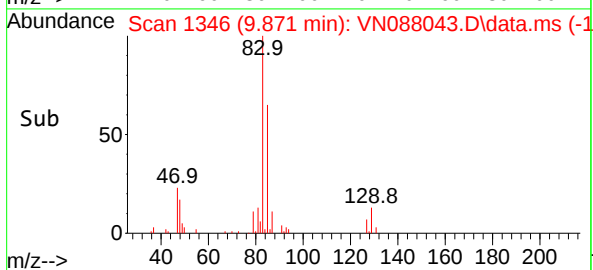
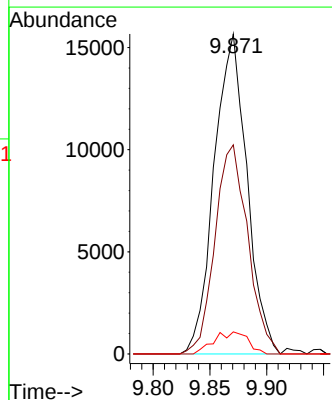
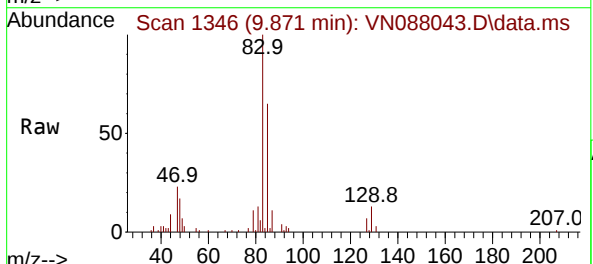
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2025

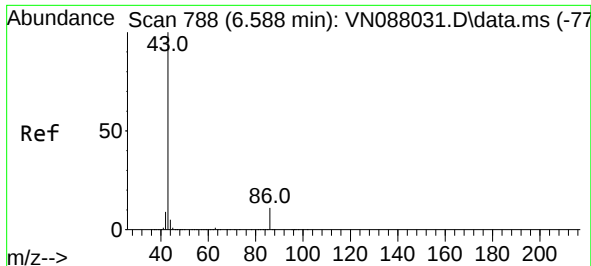
Tgt Ion:	93	Resp:	16003
Ion	Ratio	Lower	Upper
93	100		
95	85.7	0.0	158.6
174	89.6	0.0	180.8



#41
Bromodichloromethane
Concen: 4.901 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

Tgt Ion:	83	Resp:	31430
Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.0	76.4
127	6.9	6.1	9.1

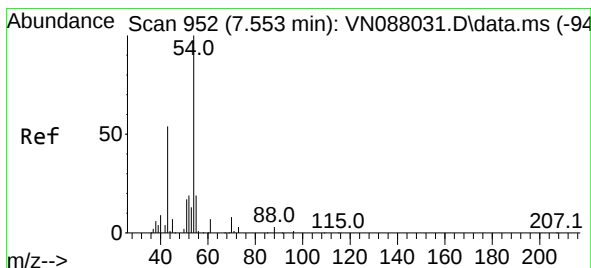
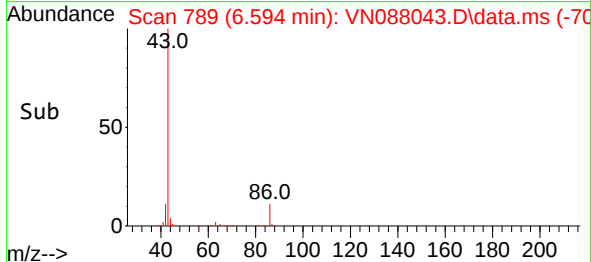
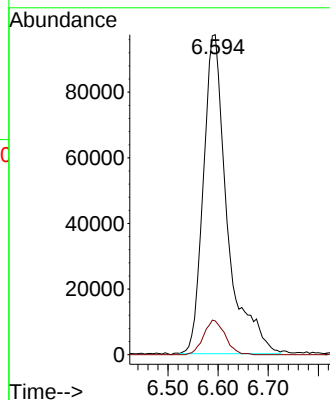
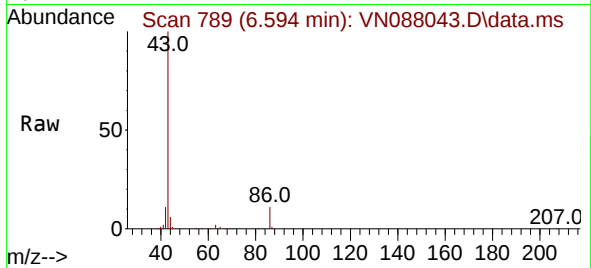




#42
 Vinyl Acetate
 Concen: 24.724 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. 0.006 min
 Lab File: VN088043.D
 Acq: 08 Oct 2025 16:02

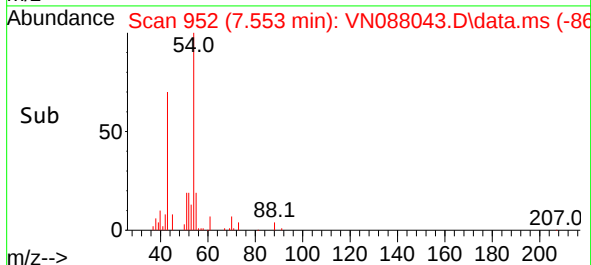
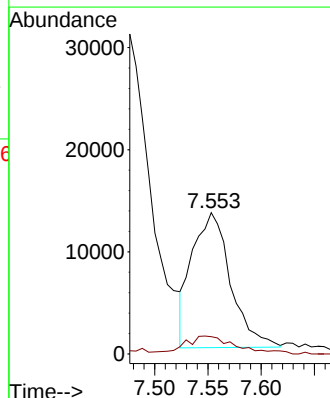
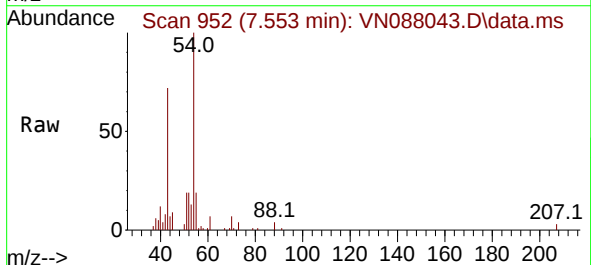
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2025

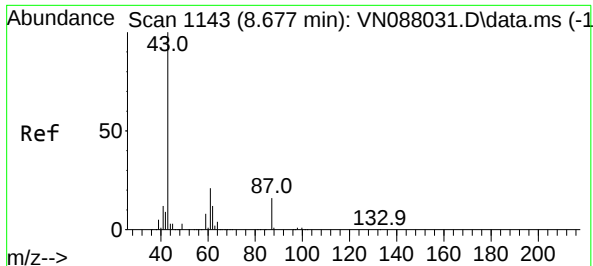
Tgt Ion: 43 Resp: 322207
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.4 12.6



#43
 Ethyl Acetate
 Concen: 4.516 ug/l
 RT: 7.553 min Scan# 952
 Delta R.T. 0.000 min
 Lab File: VN088043.D
 Acq: 08 Oct 2025 16:02

Tgt Ion: 43 Resp: 33209
 Ion Ratio Lower Upper
 43 100
 45 13.9 10.2 15.4

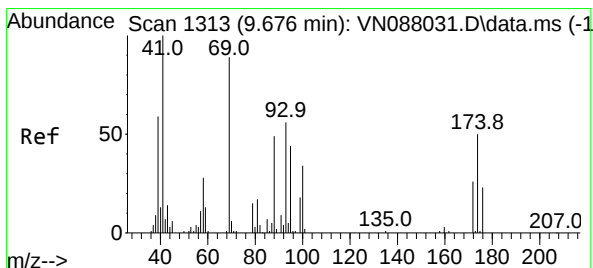
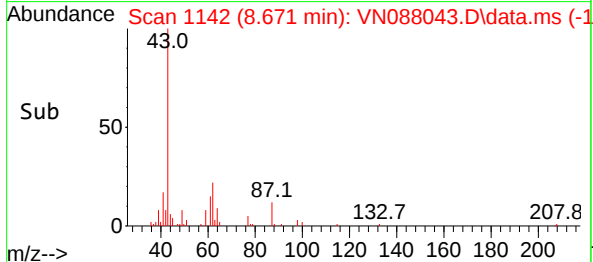
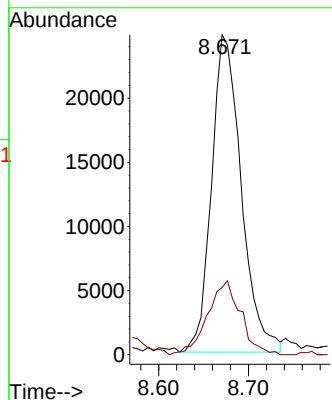
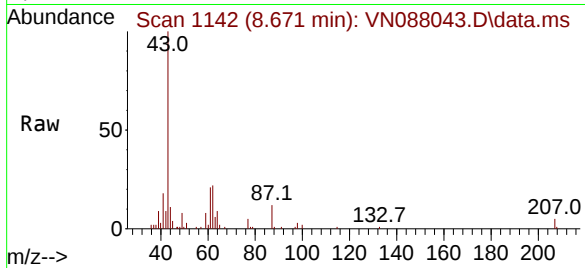




#44
Isopropyl Acetate
Concen: 4.734 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

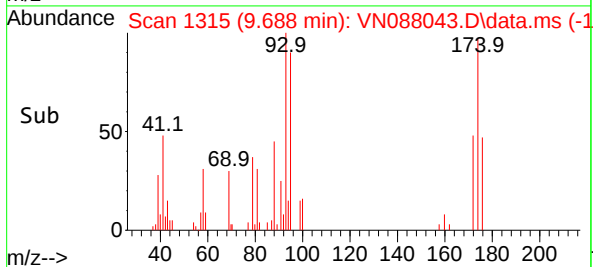
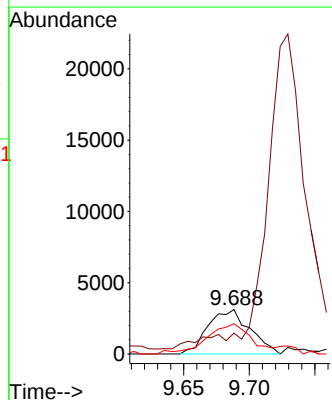
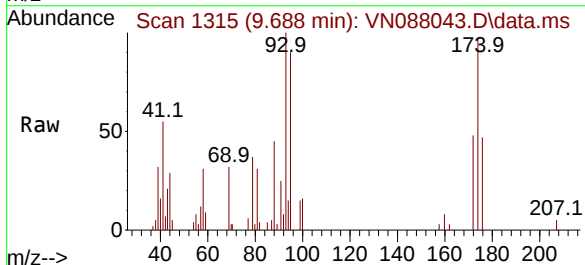
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2025

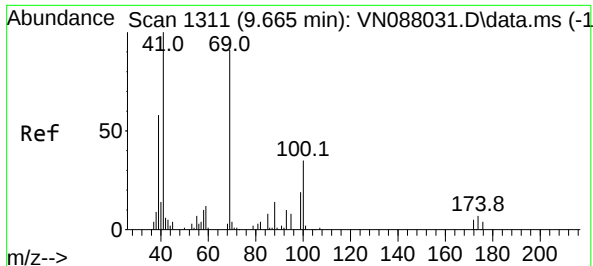
Tgt Ion: 43 Resp: 56864
Ion Ratio Lower Upper
43 100
61 25.9 18.7 28.1



#45
1,4-Dioxane
Concen: 86.727 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.012 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

Tgt Ion: 88 Resp: 6928
Ion Ratio Lower Upper
88 100
43 12.9 18.6 27.8#
58 69.5 57.4 86.2





#46

Methyl methacrylate

Concen: 4.904 ug/l

RT: 9.671 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VN088043.D

Acq: 08 Oct 2025 16:02

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2025

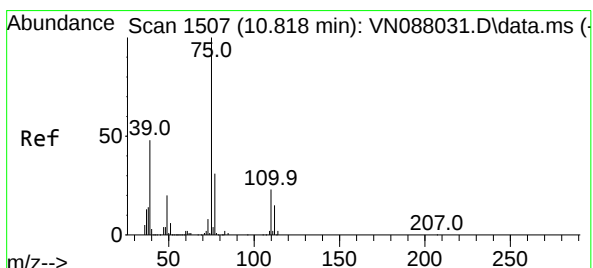
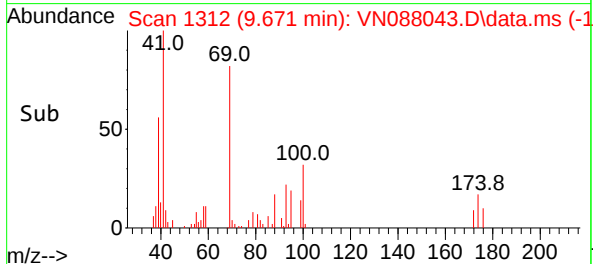
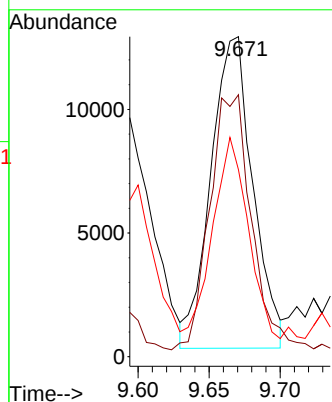
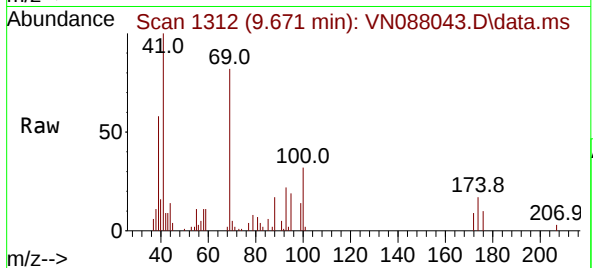
Tgt Ion: 41 Resp: 25937

Ion Ratio Lower Upper

41 100

69 86.8 44.9 134.7

39 59.1 30.3 90.8



#48

t-1,3-Dichloropropene

Concen: 4.617 ug/l

RT: 10.818 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VN088043.D

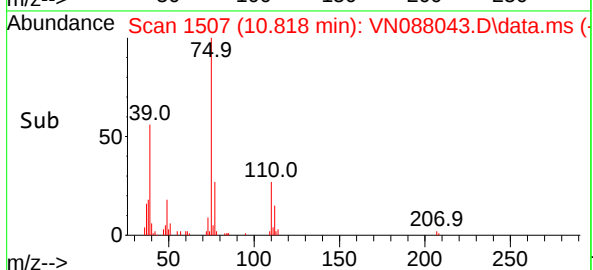
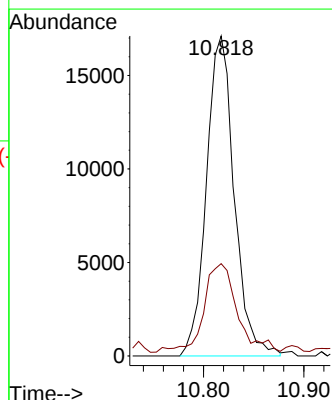
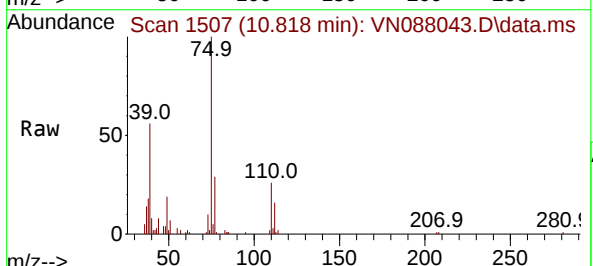
Acq: 08 Oct 2025 16:02

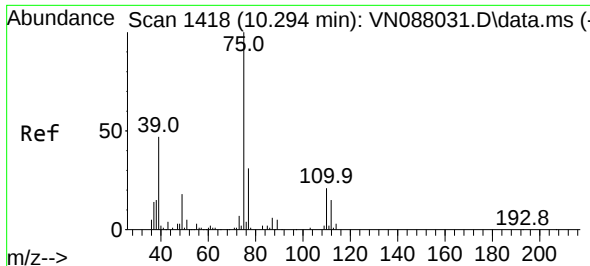
Tgt Ion: 75 Resp: 32929

Ion Ratio Lower Upper

75 100

77 27.4 24.5 36.7

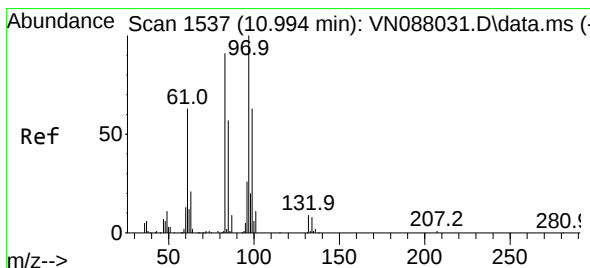
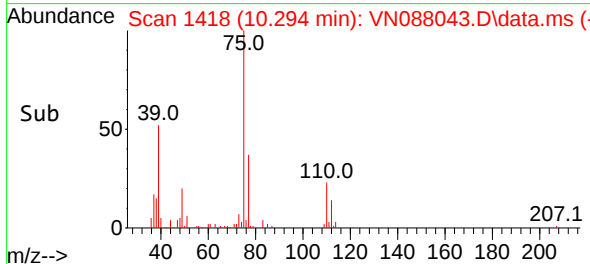
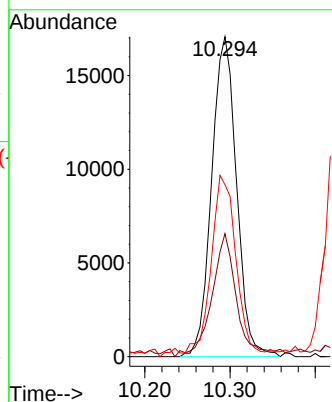
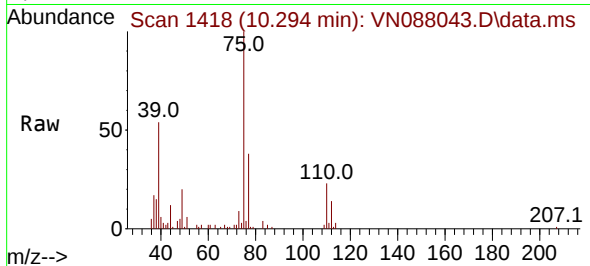




#49
 cis-1,3-Dichloropropene
 Concen: 4.650 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN088043.D
 Acq: 08 Oct 2025 16:02

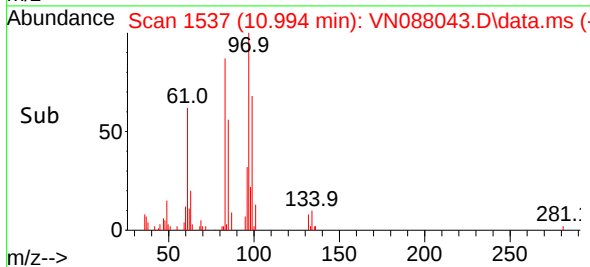
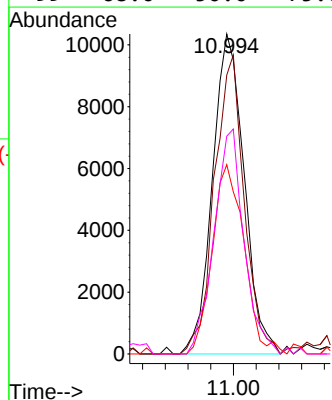
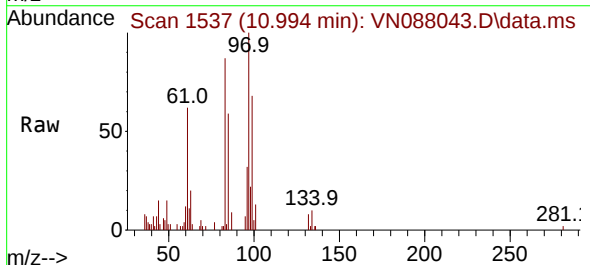
Instrument : MSVOA_N
 ClientSampleId : LOQ-WATER-02-QT3-2025

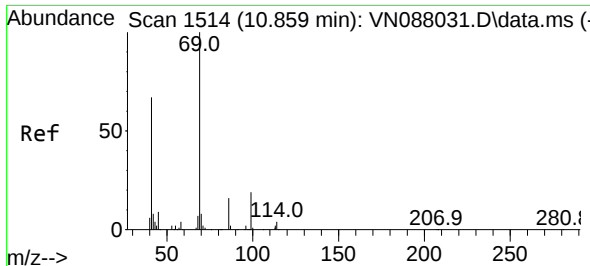
Tgt Ion:	75	Resp:	34591
Ion	Ratio	Lower	Upper
75	100		
77	36.6	25.0	37.4
39	52.5	37.4	56.0



#50
 1,1,2-Trichloroethane
 Concen: 4.824 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: VN088043.D
 Acq: 08 Oct 2025 16:02

Tgt Ion:	97	Resp:	20059
Ion	Ratio	Lower	Upper
97	100		
83	87.1	72.5	108.7
85	59.2	45.5	68.3
99	68.0	50.0	75.0

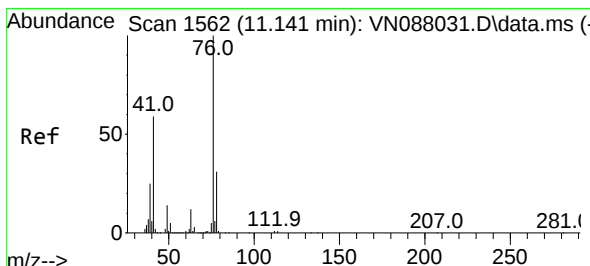
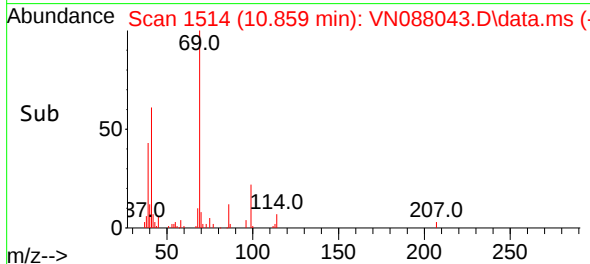
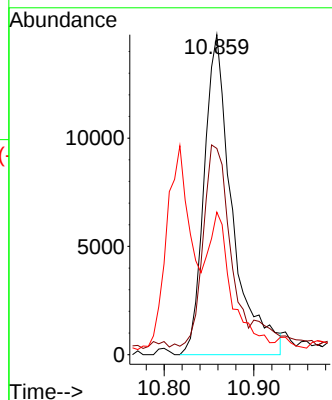
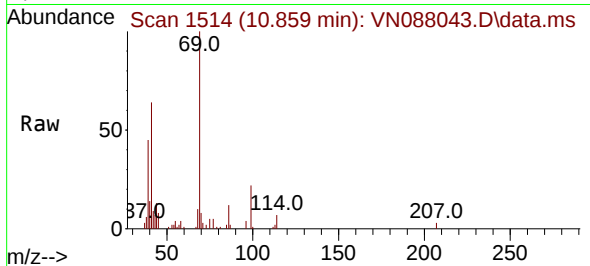




#51
Ethyl methacrylate
Concen: 4.573 ug/l
RT: 10.859 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

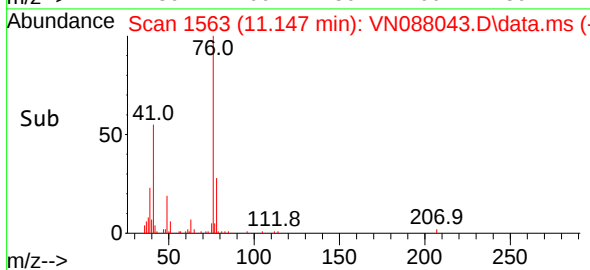
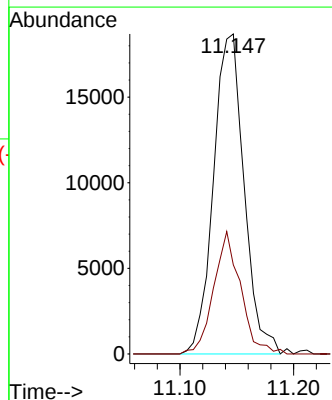
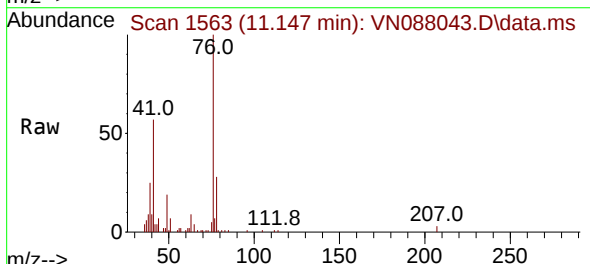
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2025

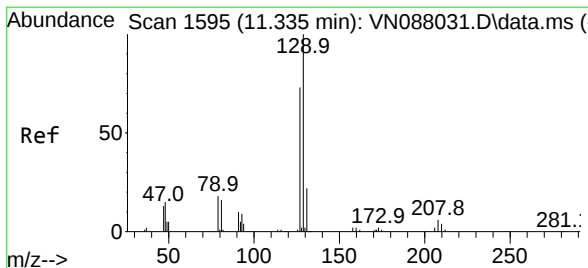
Tgt Ion: 69 Resp: 32187
Ion Ratio Lower Upper
69 100
41 61.8 33.3 99.8
39 39.2 20.3 61.0



#52
1,3-Dichloropropane
Concen: 4.819 ug/l
RT: 11.147 min Scan# 1563
Delta R.T. 0.006 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

Tgt Ion: 76 Resp: 34961
Ion Ratio Lower Upper
76 100
78 32.8 0.0 65.0





#53

Dibromochloromethane

Concen: 4.453 ug/l

RT: 11.335 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VN088043.D

Acq: 08 Oct 2025 16:02

Instrument :

MSVOA_N

ClientSampleId :

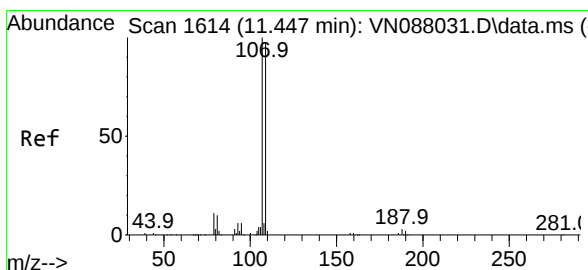
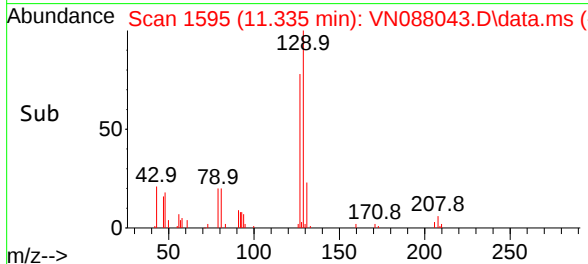
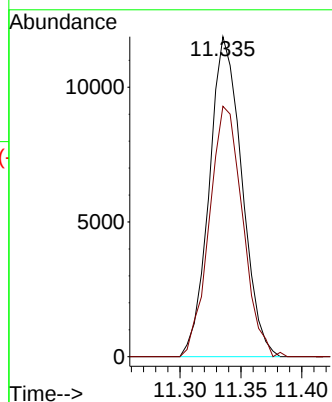
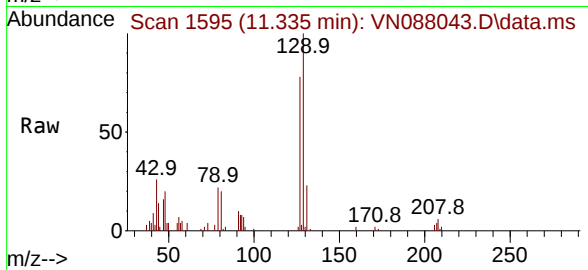
LOQ-WATER-02-QT3-2025

Tgt Ion:129 Resp: 22140

Ion Ratio Lower Upper

129 100

127 79.7 39.1 117.3



#54

1,2-Dibromoethane

Concen: 4.742 ug/l

RT: 11.447 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VN088043.D

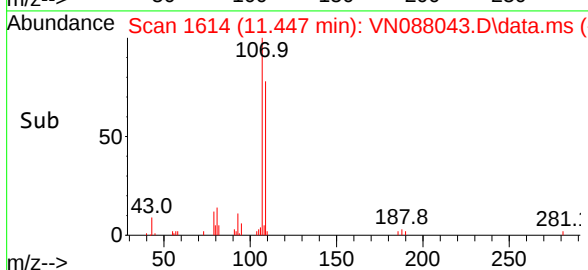
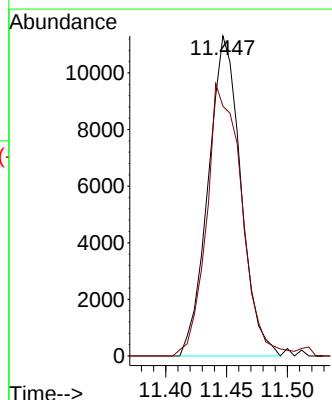
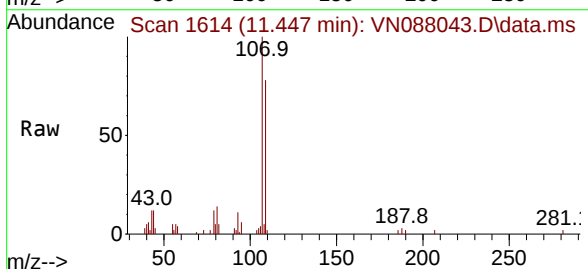
Acq: 08 Oct 2025 16:02

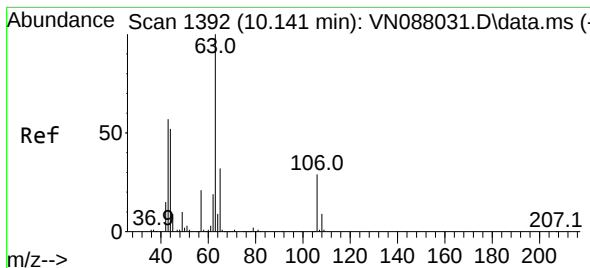
Tgt Ion:107 Resp: 21081

Ion Ratio Lower Upper

107 100

109 91.3 75.5 113.3

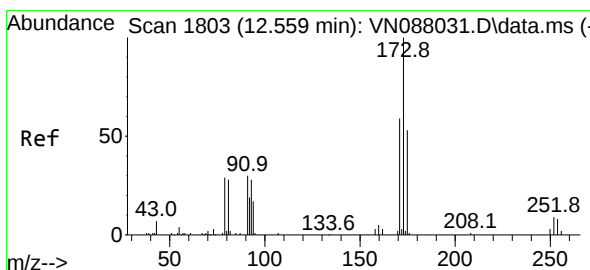
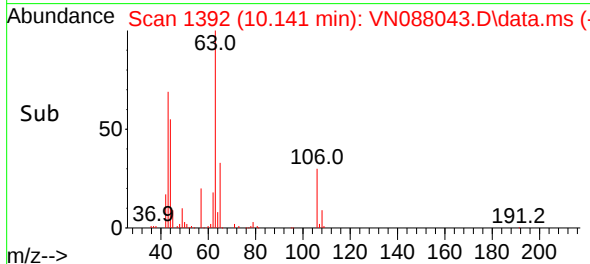
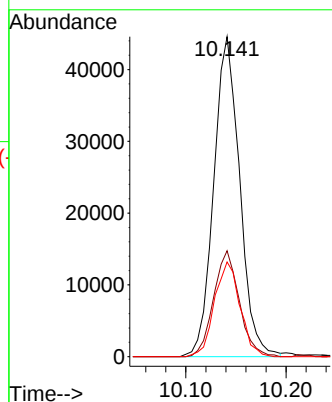
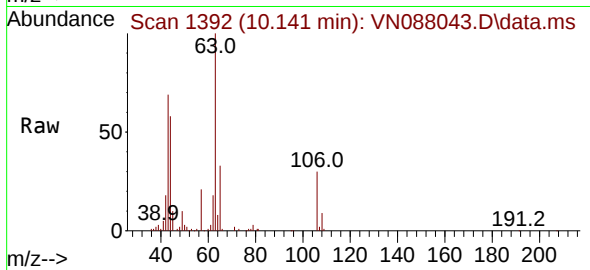




#55
2-Chloroethyl vinyl ether
Concen: 21.121 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

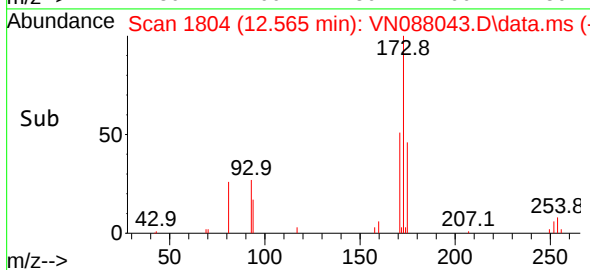
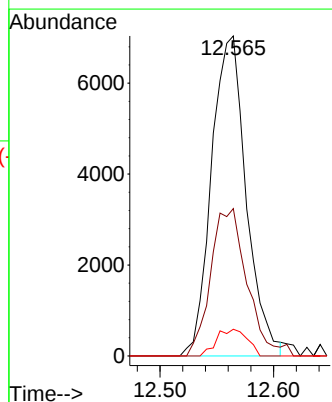
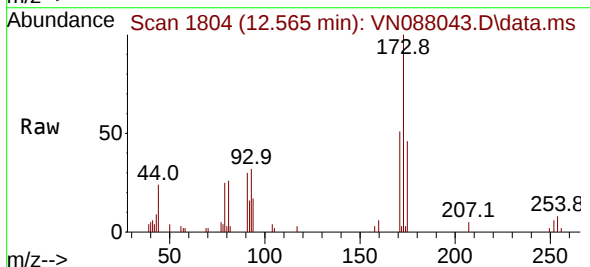
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2025

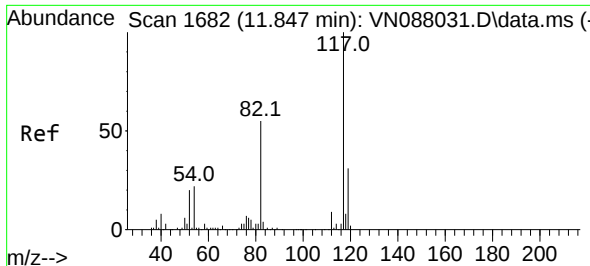
Tgt Ion: 63 Resp: 80233
Ion Ratio Lower Upper
63 100
65 32.7 25.7 38.5
106 29.2 22.6 34.0



#56
Bromoform
Concen: 4.444 ug/l
RT: 12.565 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

Tgt Ion: 173 Resp: 14935
Ion Ratio Lower Upper
173 100
175 47.8 39.6 59.4
254 3.2 6.6 10.0#

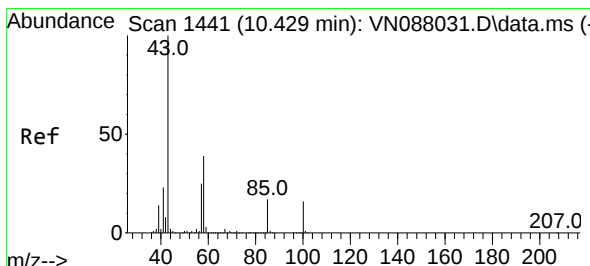
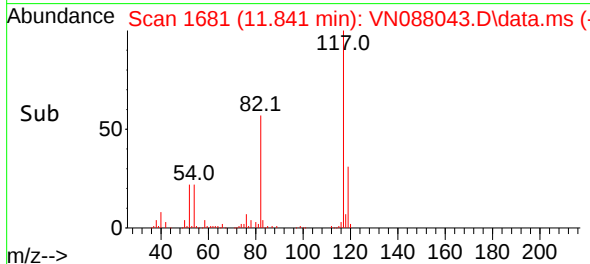
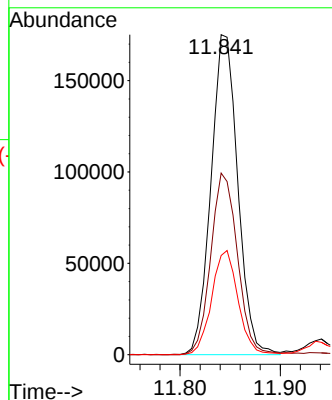
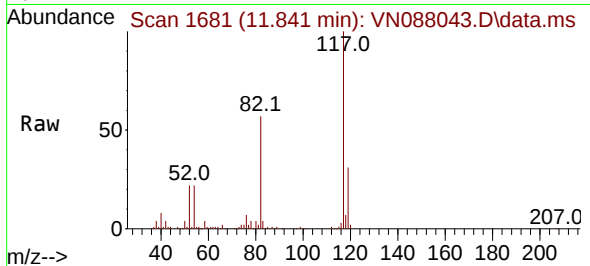




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 1181
Delta R.T. -0.006 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

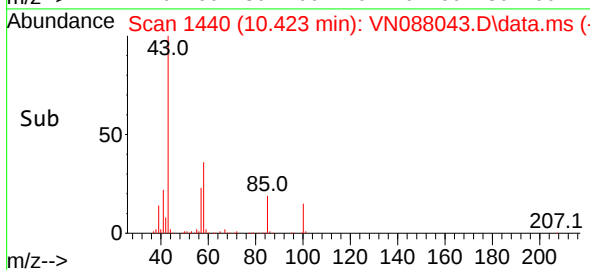
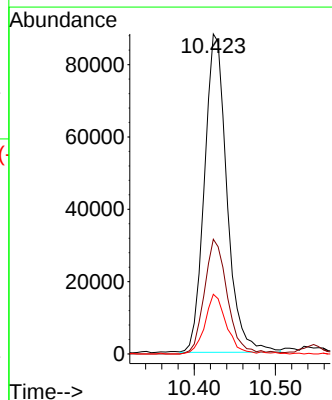
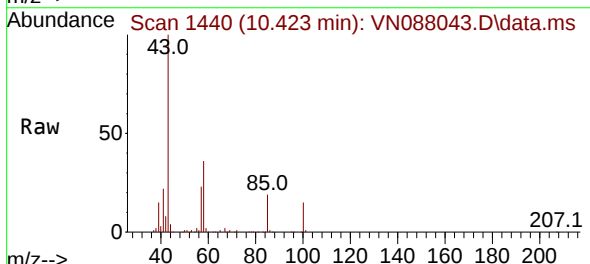
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2025

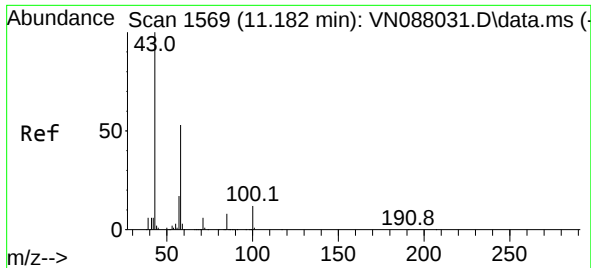
Tgt Ion:117 Resp: 325562
Ion Ratio Lower Upper
117 100
82 56.6 45.2 67.8
119 32.1 25.9 38.9



#58
4-Methyl-2-Pentanone
Concen: 23.263 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

Tgt Ion: 43 Resp: 169403
Ion Ratio Lower Upper
43 100
58 36.7 31.2 46.8
85 17.8 13.7 20.5

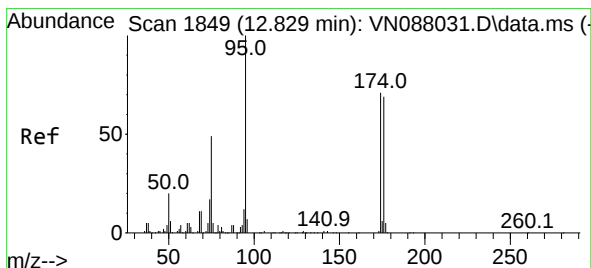
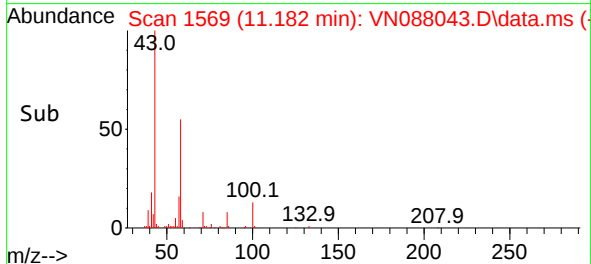
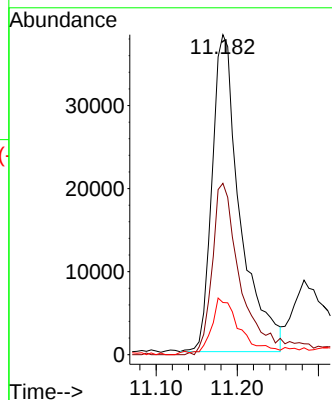
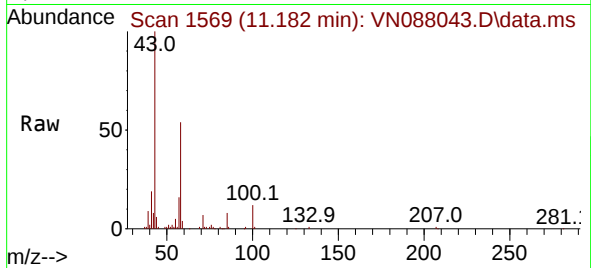




#59
2-Hexanone
Concen: 19.018 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

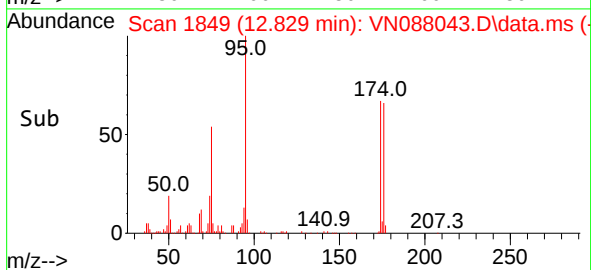
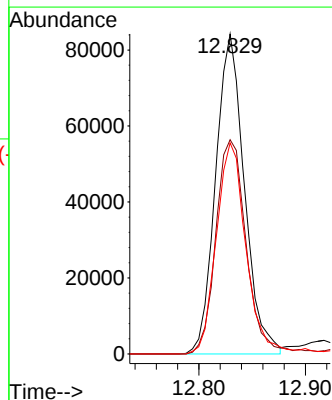
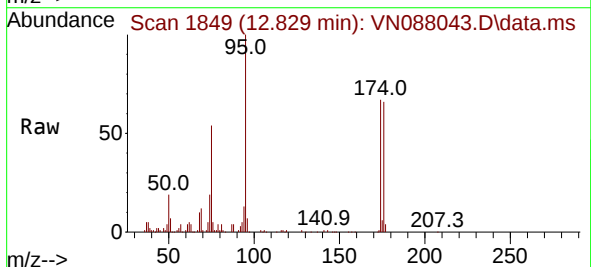
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2025

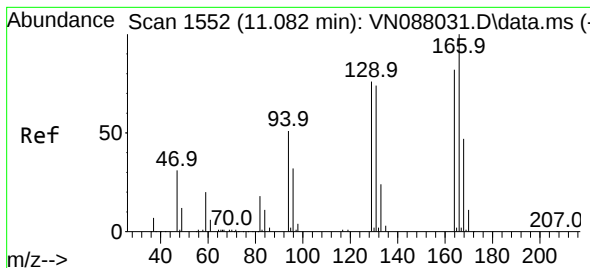
Tgt Ion:	43	Resp:	91438
Ion	Ratio	Lower	Upper
43	100		
58	51.2	43.1	64.7
57	14.9	14.6	21.8



#60
4-Bromofluorobenzene
Concen: 29.366 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

Tgt Ion:	95	Resp:	157611
Ion	Ratio	Lower	Upper
95	100		
174	70.3	57.4	86.0
176	67.9	57.0	85.4





#61

Tetrachloroethene

Concen: 4.815 ug/l

RT: 11.082 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088043.D

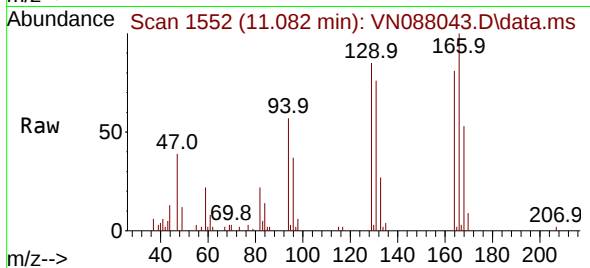
Acq: 08 Oct 2025 16:02

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2025



Tgt Ion:164 Resp: 15873

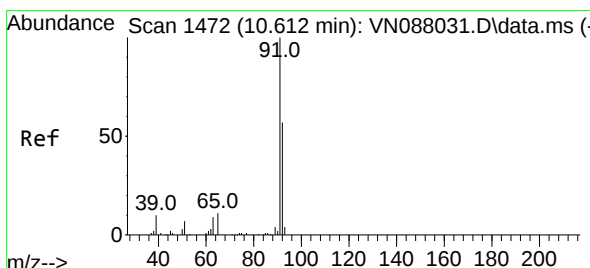
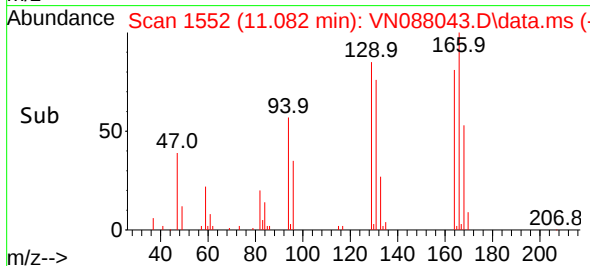
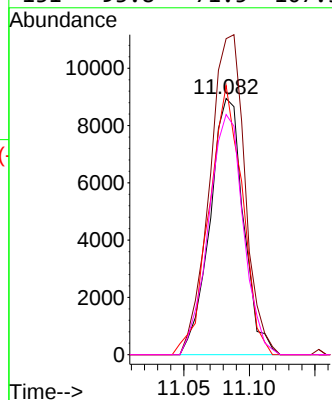
Ion Ratio Lower Upper

164 100

166 123.3 97.2 145.8

129 105.0 73.7 110.5

131 93.8 71.5 107.3



#62

Toluene

Concen: 4.773 ug/l

RT: 10.612 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VN088043.D

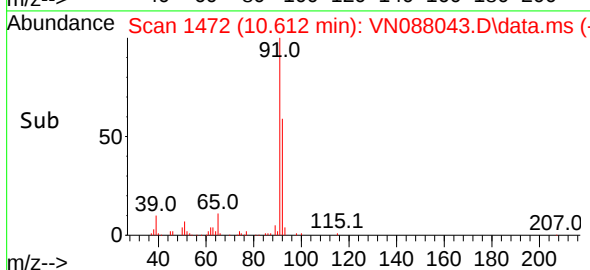
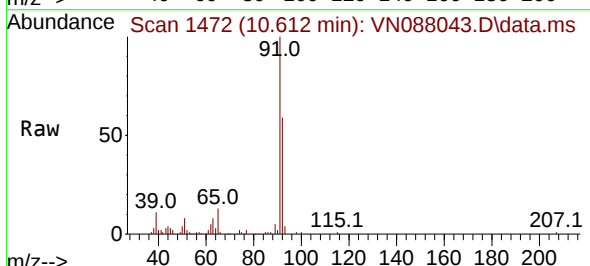
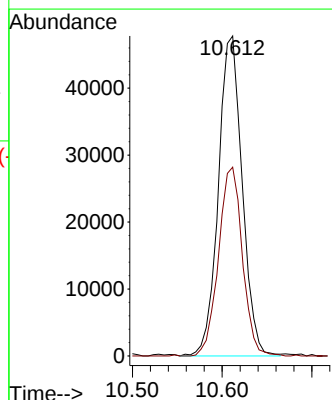
Acq: 08 Oct 2025 16:02

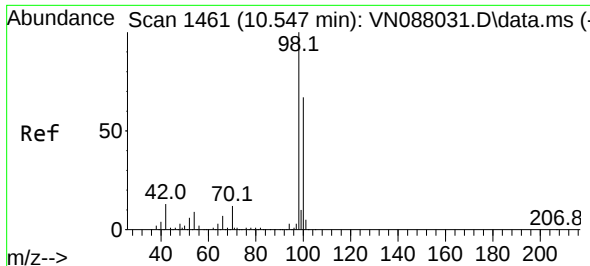
Tgt Ion: 91 Resp: 88137

Ion Ratio Lower Upper

91 100

92 59.0 45.8 68.8

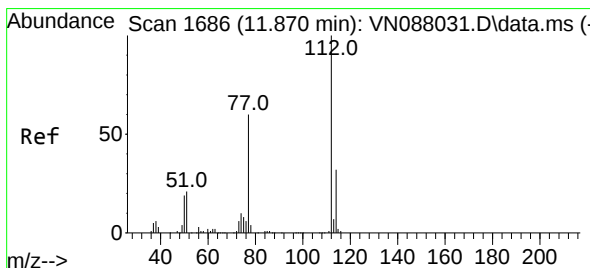
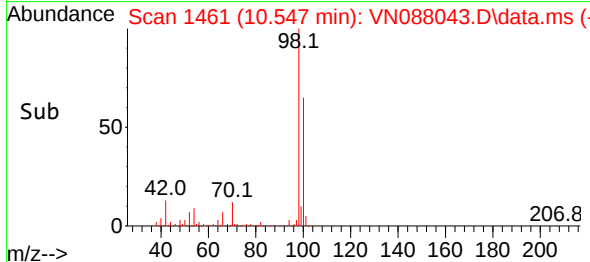
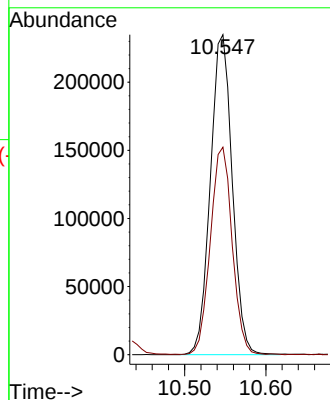
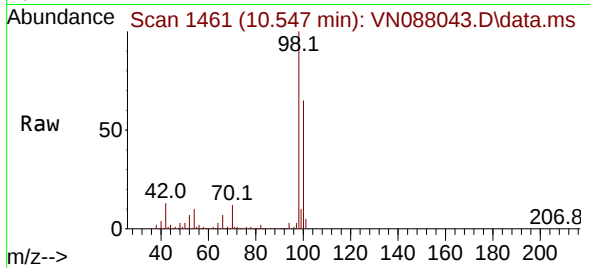




#63
Toluene-d8
Concen: 30.295 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

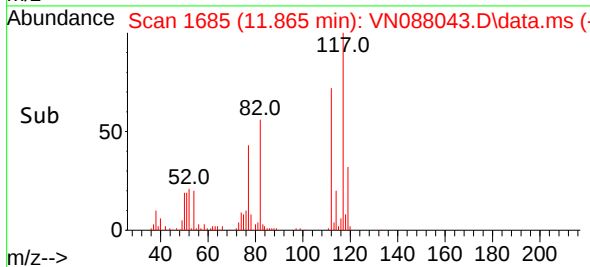
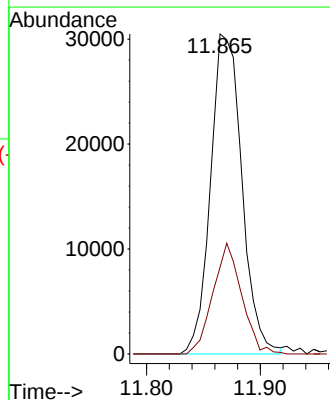
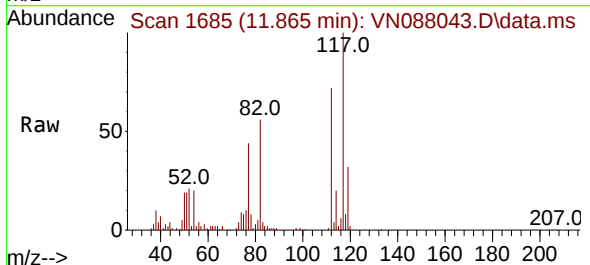
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2025

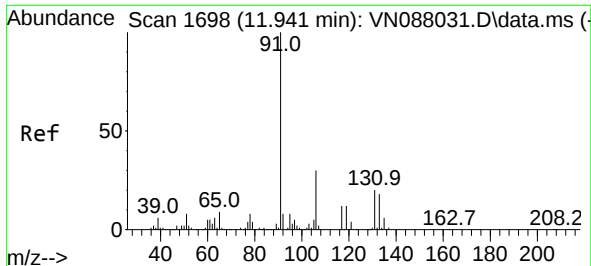
Tgt Ion: 98 Resp: 439427
Ion Ratio Lower Upper
98 100
100 64.7 53.1 79.7



#64
Chlorobenzene
Concen: 4.949 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

Tgt Ion:112 Resp: 58374
Ion Ratio Lower Upper
112 100
114 27.1 25.7 38.5

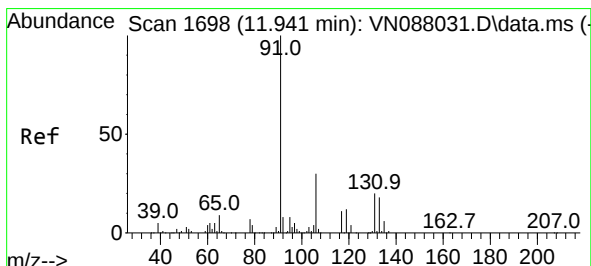
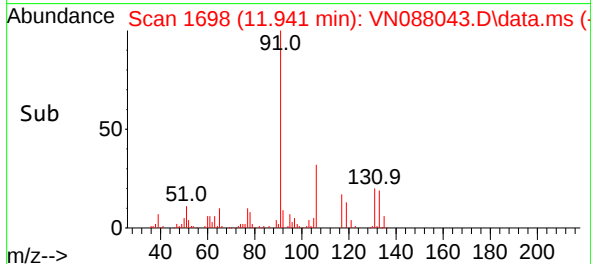
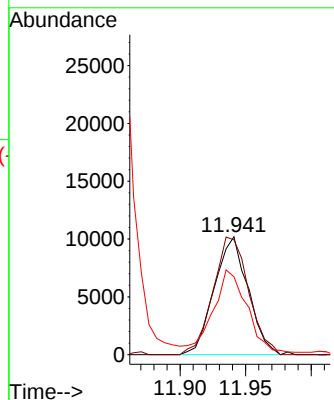
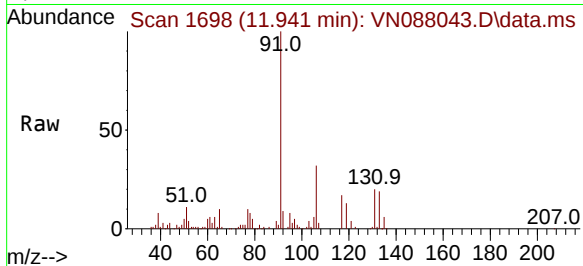




#65
1,1,1,2-Tetrachloroethane
Concen: 4.486 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

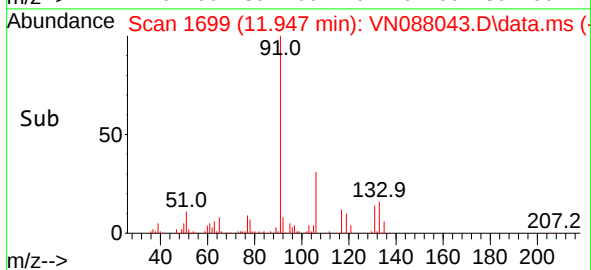
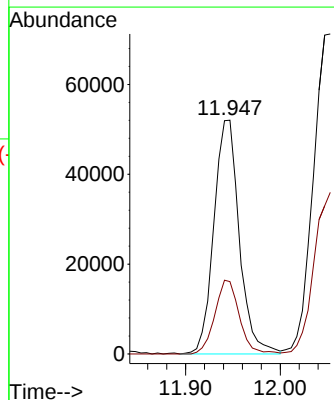
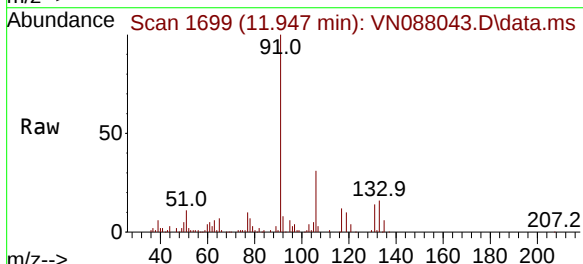
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2025

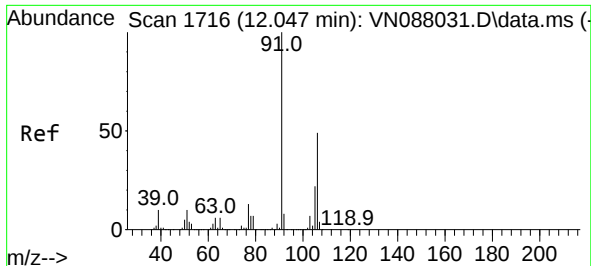
Tgt Ion:131 Resp: 18234
Ion Ratio Lower Upper
131 100
133 105.4 0.0 183.8
119 75.5 0.0 132.0



#66
Ethyl Benzene
Concen: 4.845 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

Tgt Ion: 91 Resp: 97291
Ion Ratio Lower Upper
91 100
106 31.0 24.0 36.0





#67

m/p-Xylenes

Concen: 9.540 ug/l

RT: 12.053 min Scan# 1717

Delta R.T. 0.006 min

Lab File: VN088043.D

Acq: 08 Oct 2025 16:02

Instrument :

MSVOA_N

ClientSampleId :

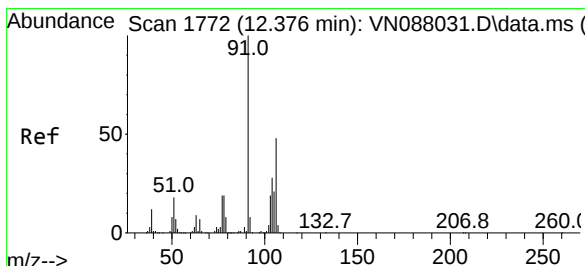
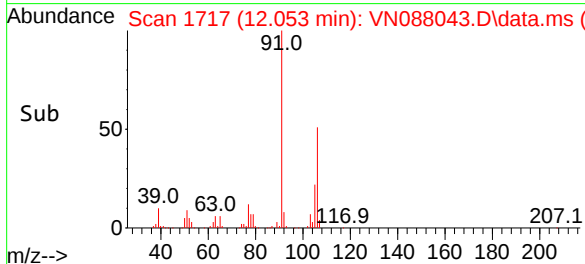
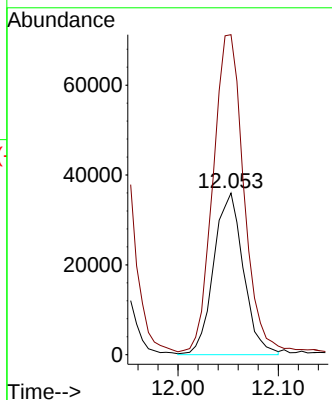
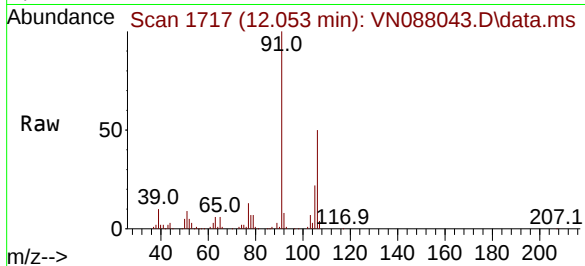
LOQ-WATER-02-QT3-2025

Tgt Ion:106 Resp: 73850

Ion Ratio Lower Upper

106 100

91 202.7 161.4 242.0



#68

o-Xylene

Concen: 4.927 ug/l

RT: 12.376 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VN088043.D

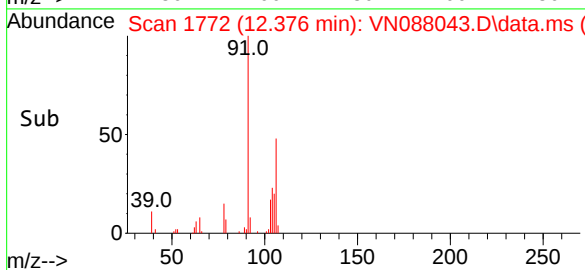
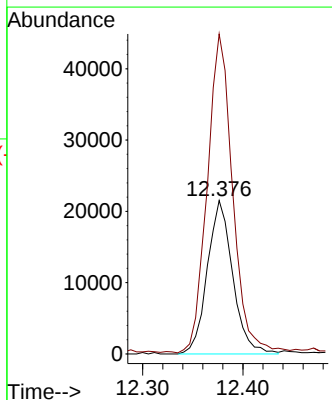
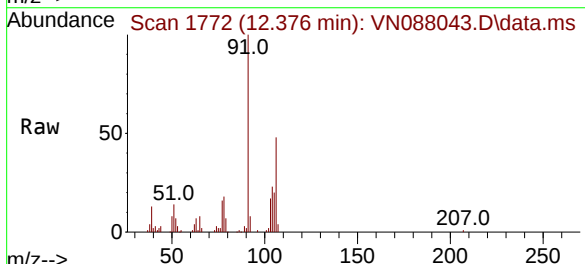
Acq: 08 Oct 2025 16:02

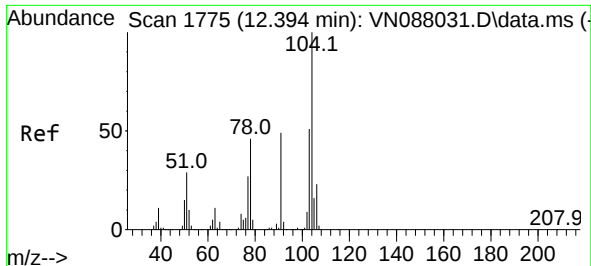
Tgt Ion:106 Resp: 37966

Ion Ratio Lower Upper

106 100

91 205.8 105.2 315.6

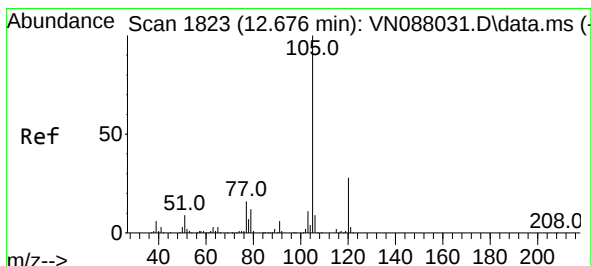
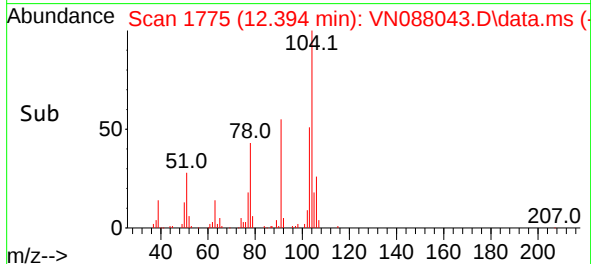
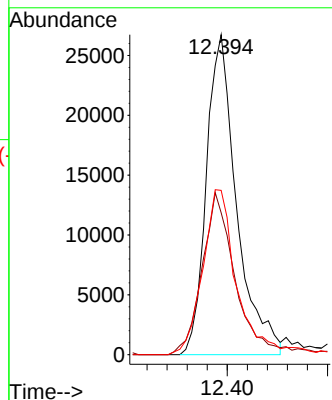
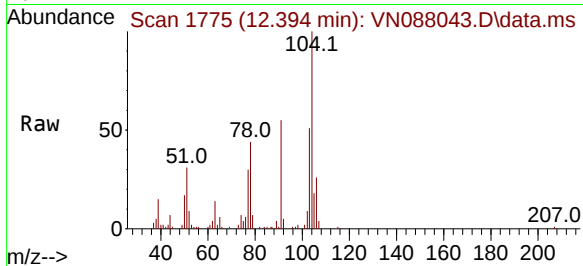




#69
Styrene
Concen: 4.398 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

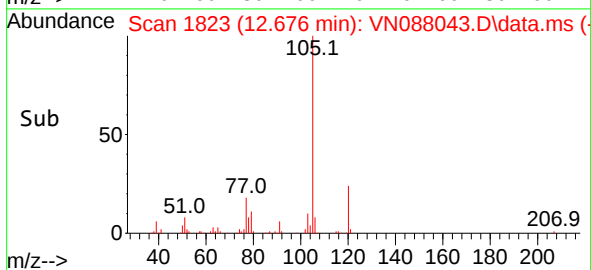
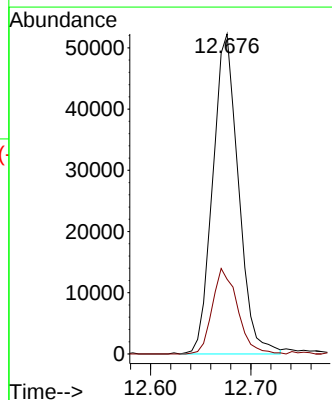
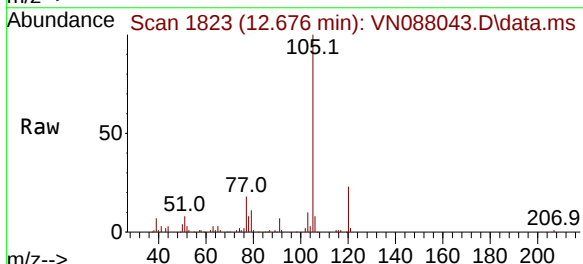
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2025

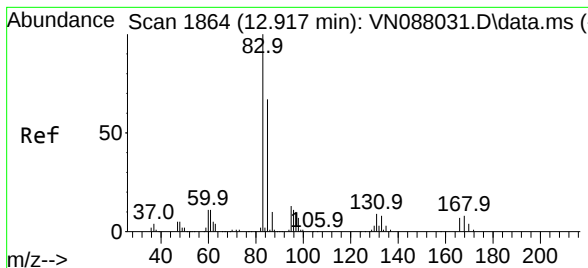
Tgt Ion:	104	Resp:	56067
Ion Ratio	Lower	Upper	
104	100		
78	55.0	41.8	62.6
103	56.2	44.9	67.3



#70
Isopropylbenzene
Concen: 4.927 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.000 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

Tgt Ion:	105	Resp:	93065
Ion Ratio	Lower	Upper	
105	100		
120	26.2	19.1	35.5

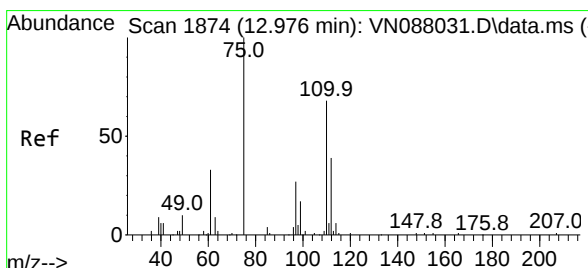
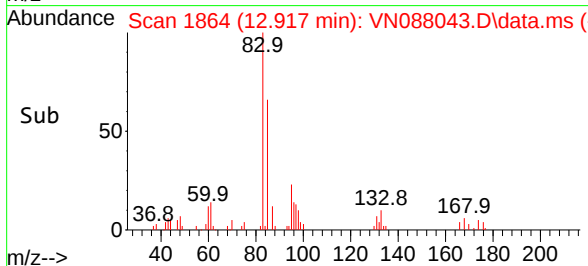
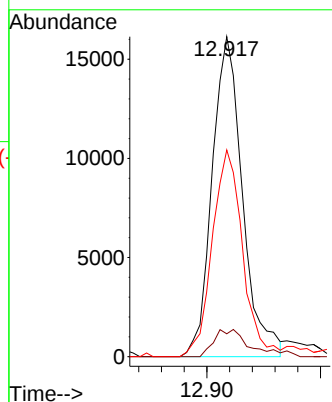
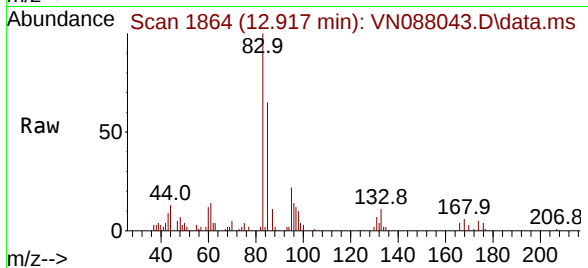




#71
1,1,2,2-Tetrachloroethane
Concen: 4.684 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

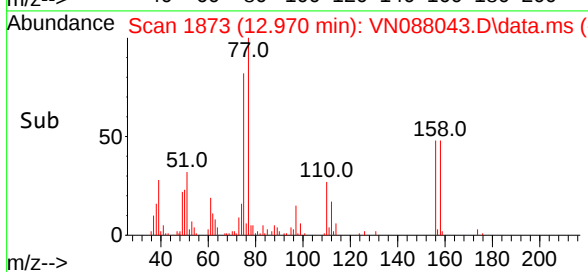
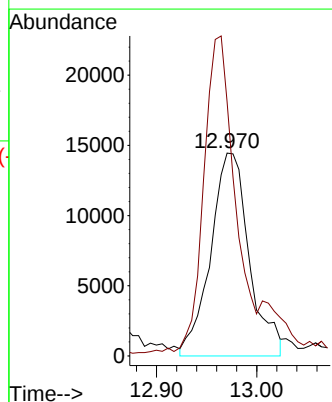
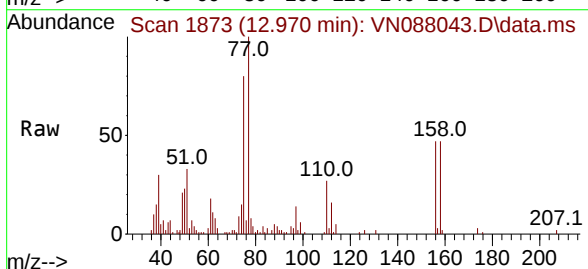
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2025

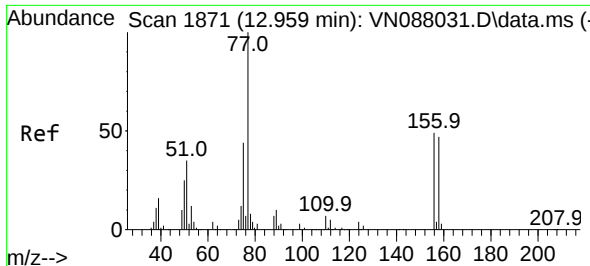
Tgt Ion:	83	Resp:	29996
Ion Ratio	Lower	Upper	
83	100		
131	4.2	4.8	14.3#
85	64.3	32.4	97.2



#72
1,2,3-Trichloropropane
Concen: 6.490 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. -0.006 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

Tgt Ion:	75	Resp:	38598
Ion Ratio	Lower	Upper	
75	100		
77	123.5	0.0	364.0

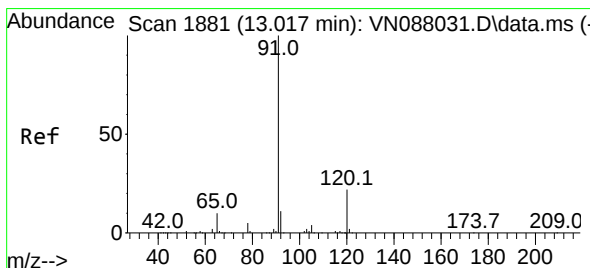
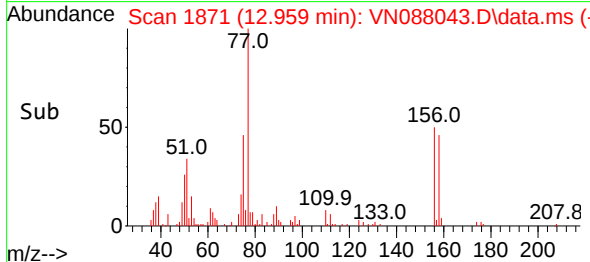
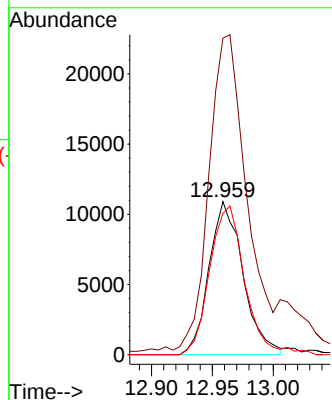
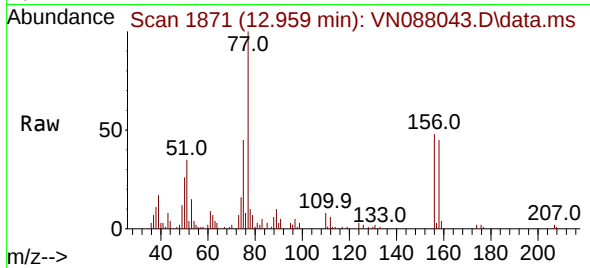




#73
Bromobenzene
Concen: 4.586 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

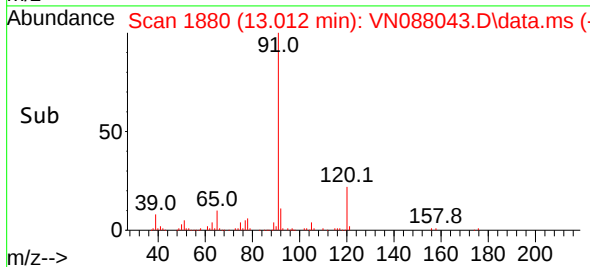
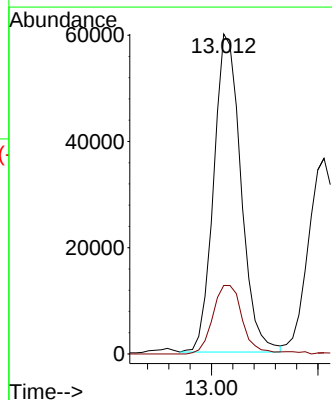
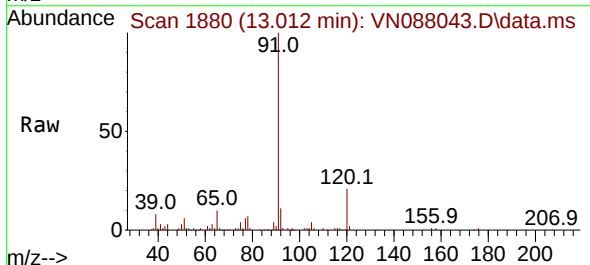
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2025

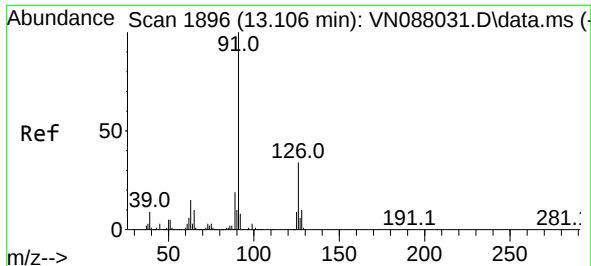
Tgt Ion:156 Resp: 21170
Ion Ratio Lower Upper
156 100
77 225.1 0.0 439.8
158 98.5 0.0 190.0



#74
n-propylbenzene
Concen: 4.668 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

Tgt Ion: 91 Resp: 106424
Ion Ratio Lower Upper
91 100
120 23.1 0.0 46.2

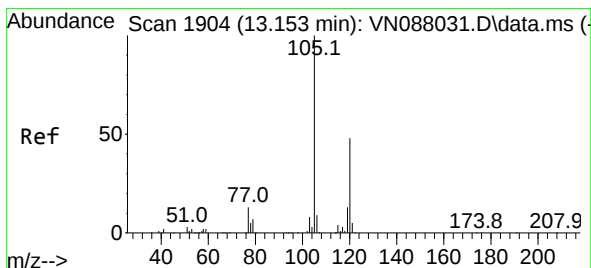
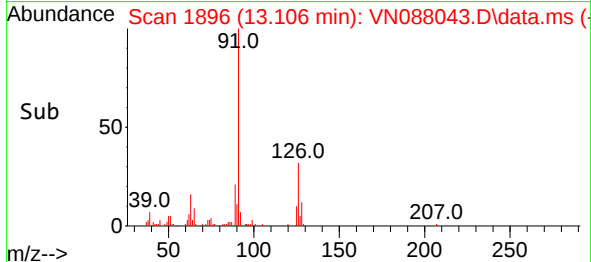
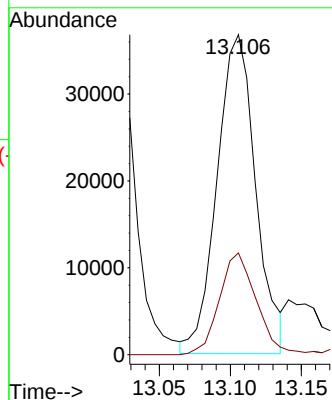
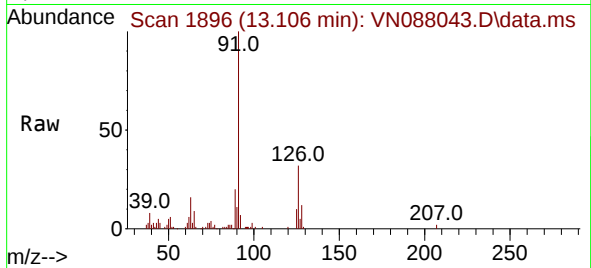




#75
2-Chlorotoluene
Concen: 4.990 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

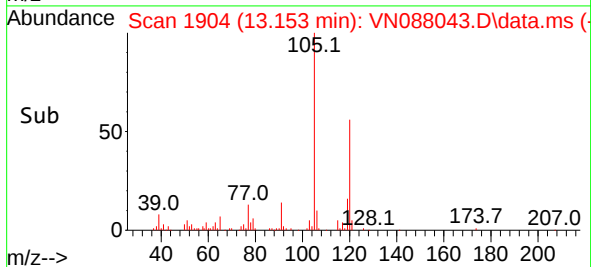
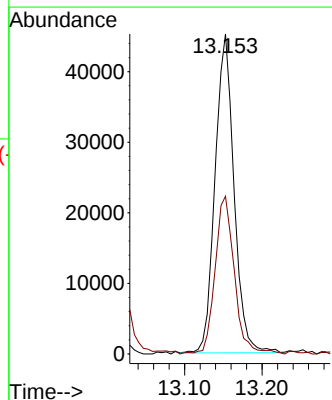
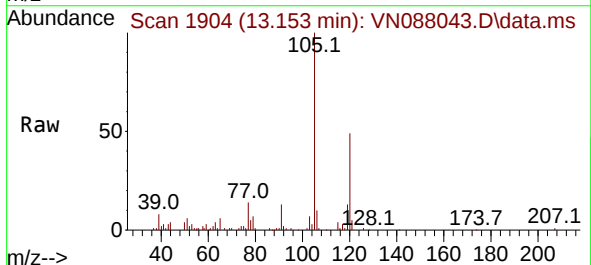
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2025

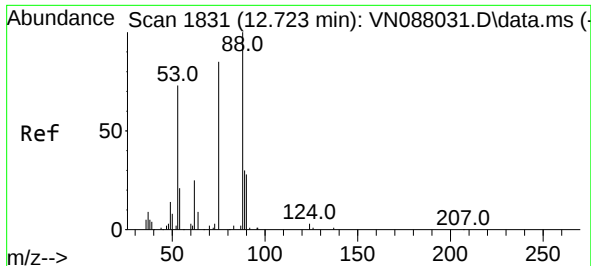
Tgt Ion: 91 Resp: 69567
Ion Ratio Lower Upper
91 100
126 30.4 0.0 66.6



#76
1,3,5-Trimethylbenzene
Concen: 4.803 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

Tgt Ion: 105 Resp: 77051
Ion Ratio Lower Upper
105 100
120 47.1 0.0 100.6

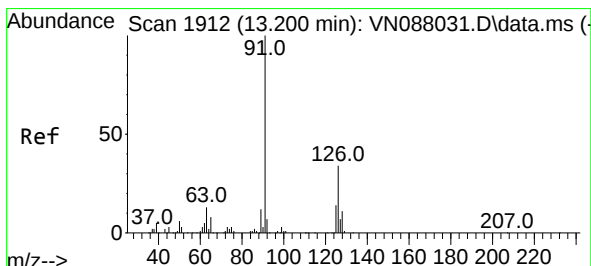
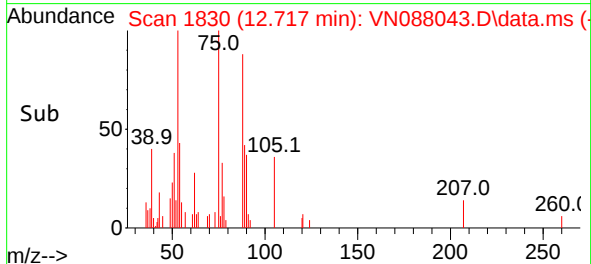
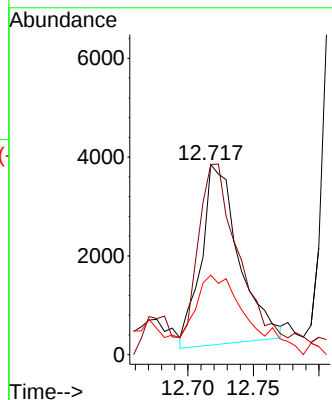
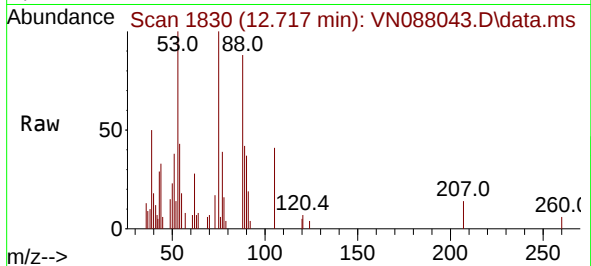




#77
t-1,4-Dichloro-2-butene
Concen: 3.071 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.006 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

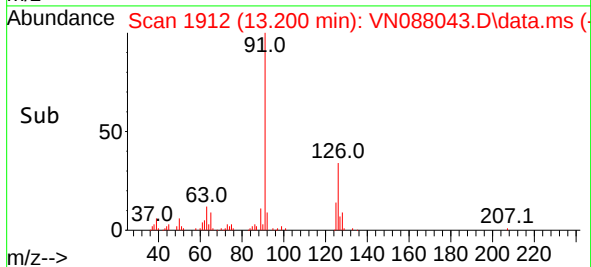
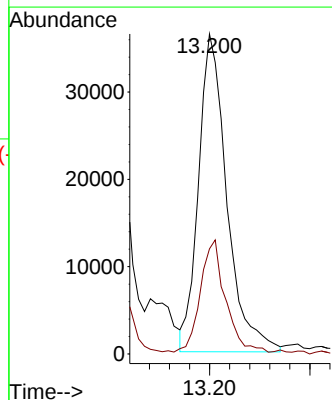
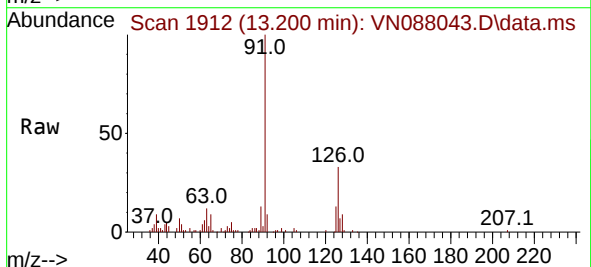
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2025

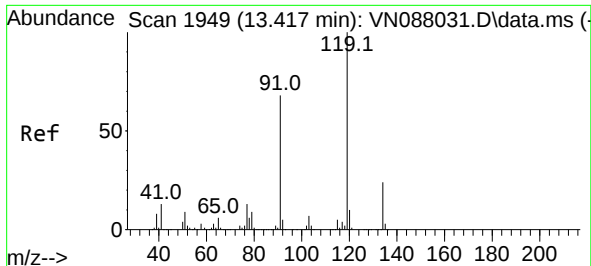
Tgt Ion:	75	Resp:	7277
Ion	Ratio	Lower	Upper
75	100		
53	99.7	41.8	125.3
89	36.8	19.9	59.6



#78
4-Chlorotoluene
Concen: 5.051 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

Tgt Ion:	91	Resp:	71542
Ion	Ratio	Lower	Upper
91	100		
126	32.6	0.0	68.8

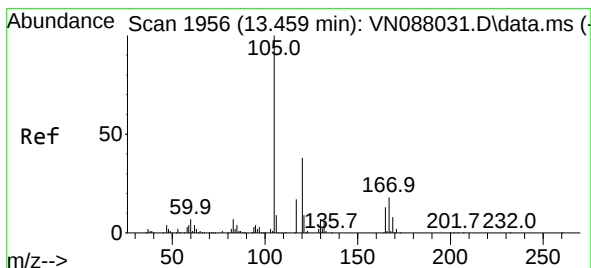
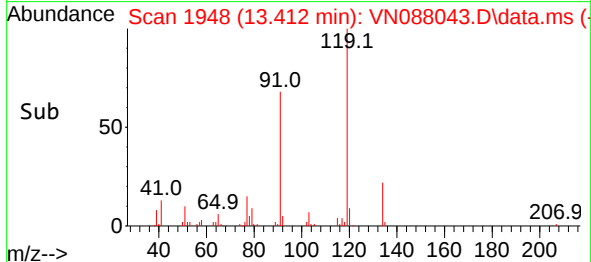
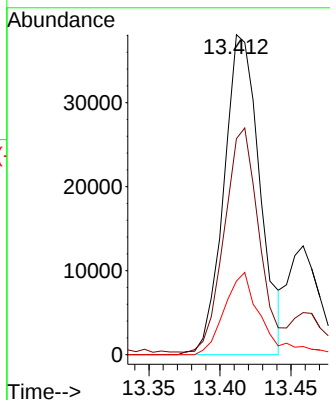
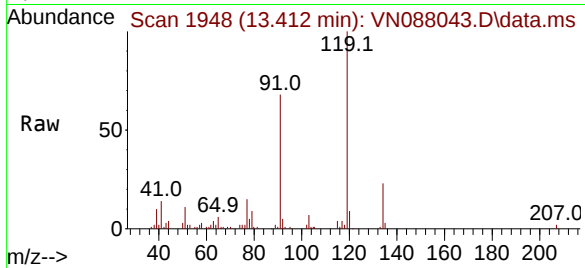




#79
tert-butylbenzene
Concen: 4.818 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

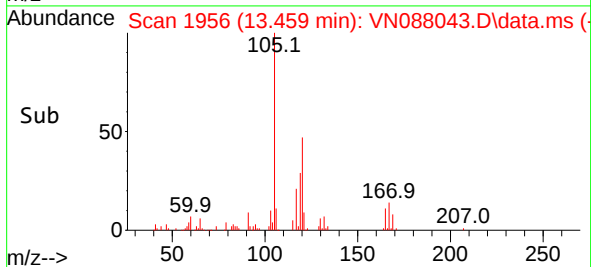
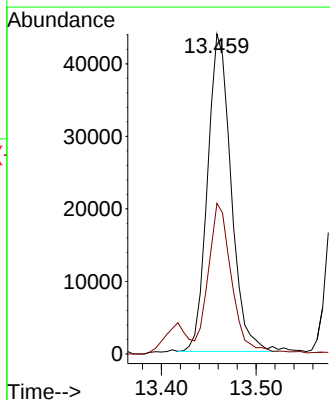
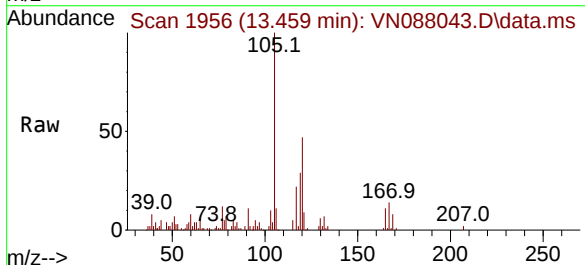
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2025

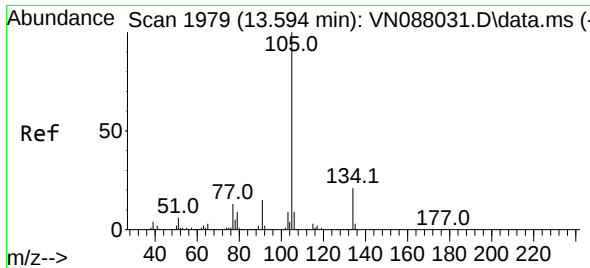
Tgt Ion:119 Resp: 67015
Ion Ratio Lower Upper
119 100
91 68.2 0.0 132.4
134 23.9 0.0 48.6



#80
1,2,4-Trimethylbenzene
Concen: 4.715 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

Tgt Ion:105 Resp: 75720
Ion Ratio Lower Upper
105 100
120 45.3 0.0 93.8

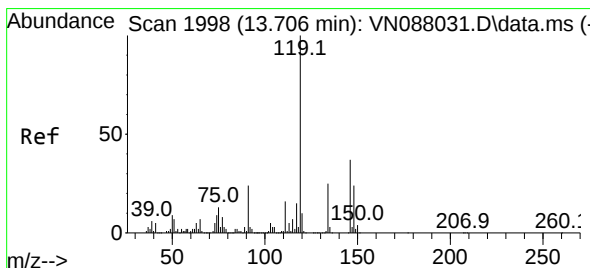
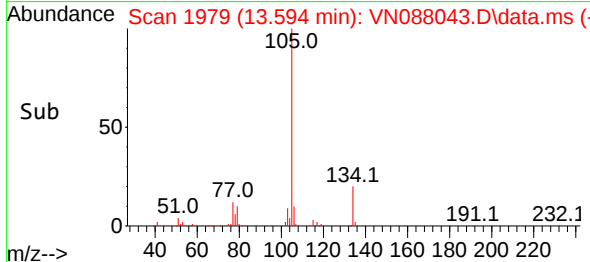
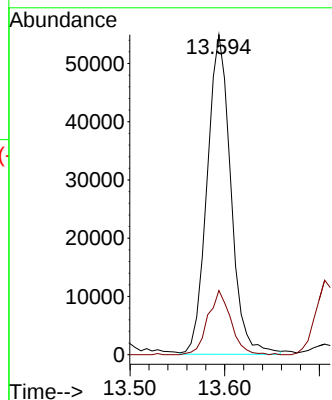
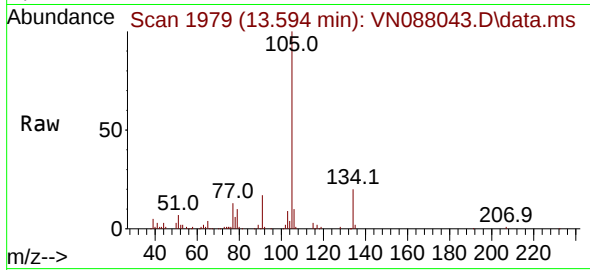




#81
 sec-Butylbenzene
 Concen: 4.885 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN088043.D
 Acq: 08 Oct 2025 16:02

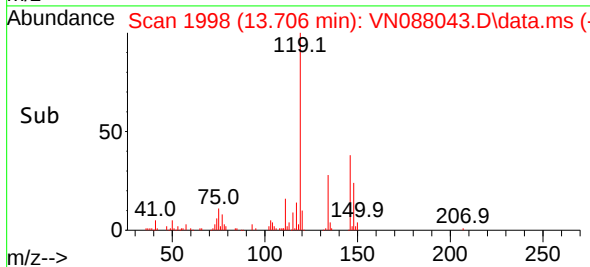
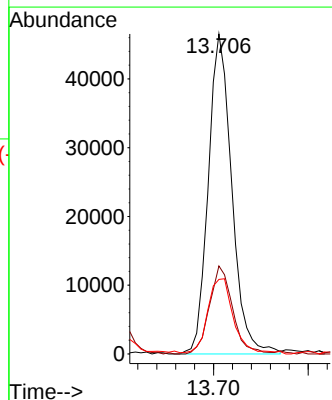
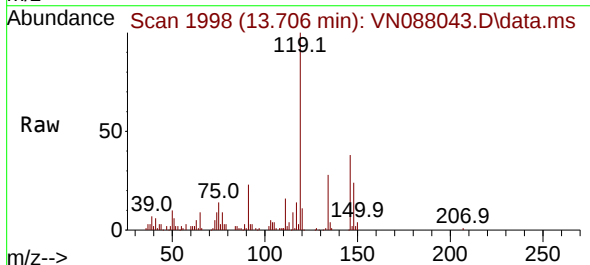
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2025

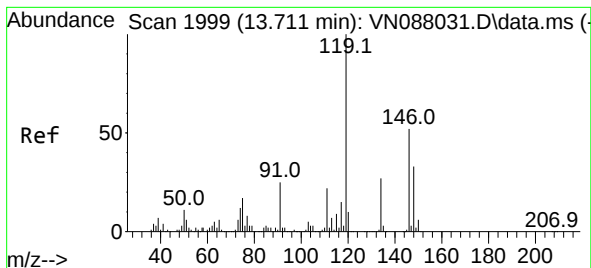
Tgt Ion:105 Resp: 95520
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 4.808 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN088043.D
 Acq: 08 Oct 2025 16:02

Tgt Ion:119 Resp: 80276
 Ion Ratio Lower Upper
 119 100
 134 27.2 0.0 52.6
 91 24.2 0.0 48.2





#83

1,3-Dichlorobenzene

Concen: 4.665 ug/l

RT: 13.711 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN088043.D

Acq: 08 Oct 2025 16:02

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2025

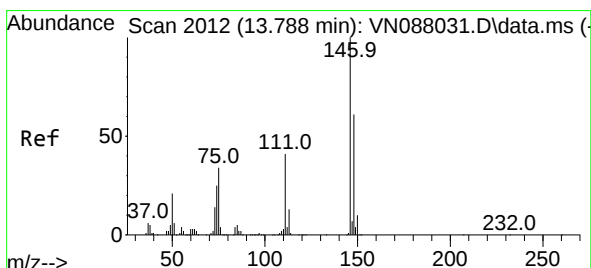
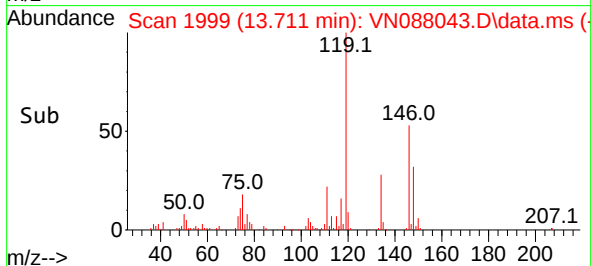
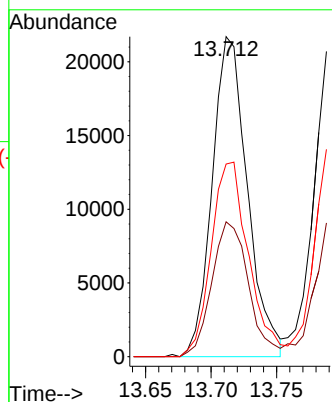
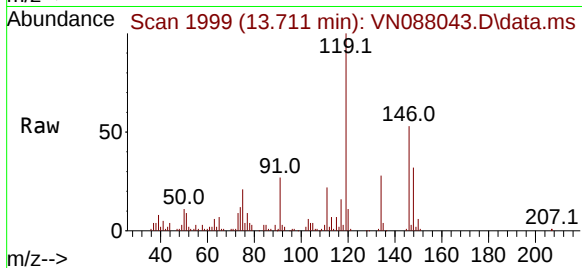
Tgt Ion:146 Resp: 40521

Ion Ratio Lower Upper

146 100

111 43.9 21.1 63.1

148 64.9 31.5 94.5



#84

1,4-Dichlorobenzene

Concen: 5.240 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN088043.D

Acq: 08 Oct 2025 16:02

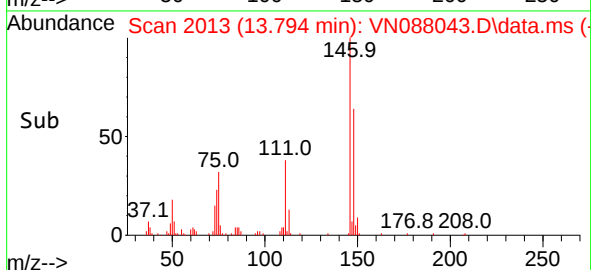
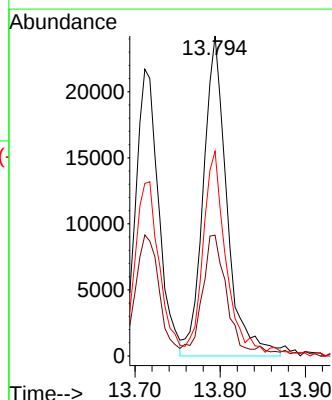
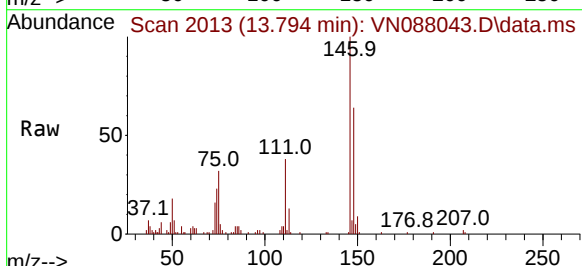
Tgt Ion:146 Resp: 46942

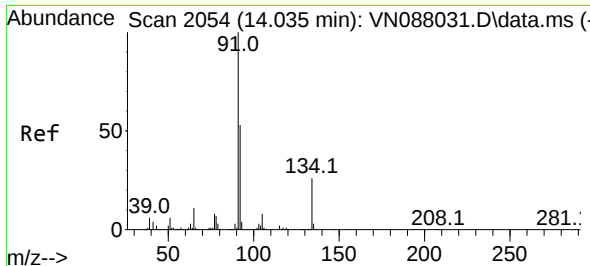
Ion Ratio Lower Upper

146 100

111 38.7 20.5 61.6

148 59.2 31.9 95.9

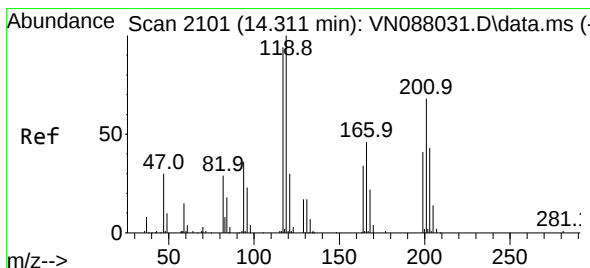
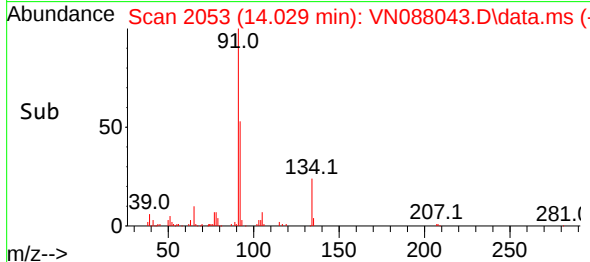
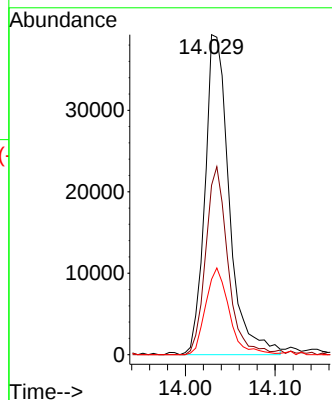
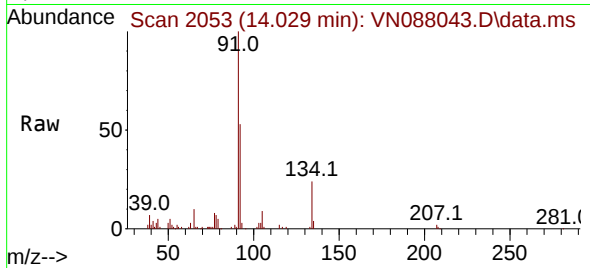




#85
n-Butylbenzene
Concen: 4.757 ug/l
RT: 14.029 min Scan# 2053
Delta R.T. -0.006 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

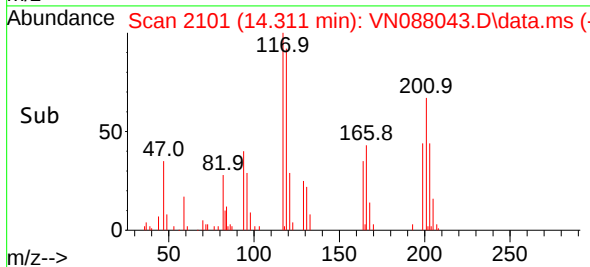
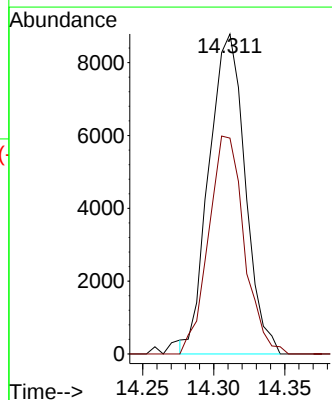
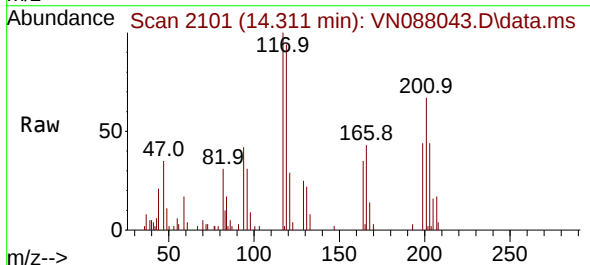
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2025

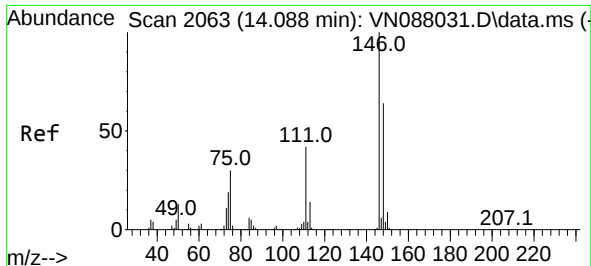
Tgt Ion: 91 Resp: 73887
Ion Ratio Lower Upper
91 100
92 53.7 0.0 107.6
134 26.2 0.0 52.6



#86
Hexachloroethane
Concen: 4.649 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

Tgt Ion: 117 Resp: 15548
Ion Ratio Lower Upper
117 100
201 67.2 34.8 104.3

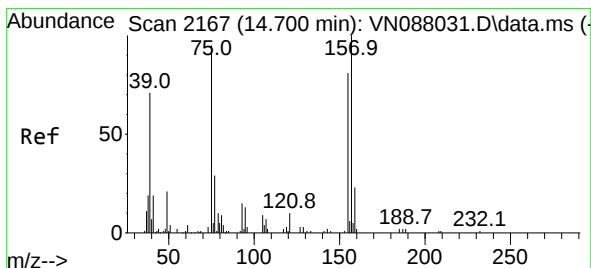
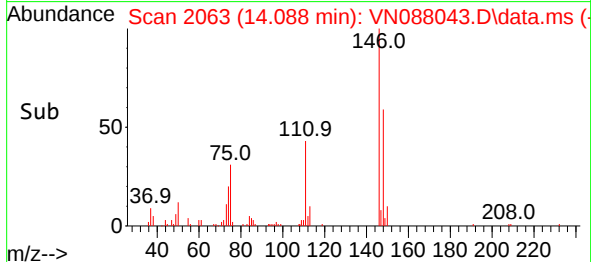
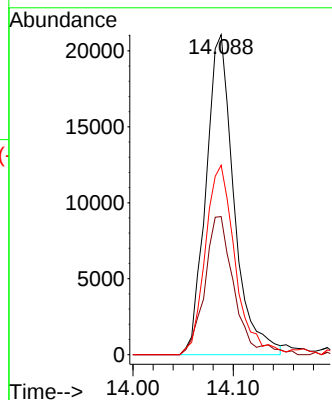
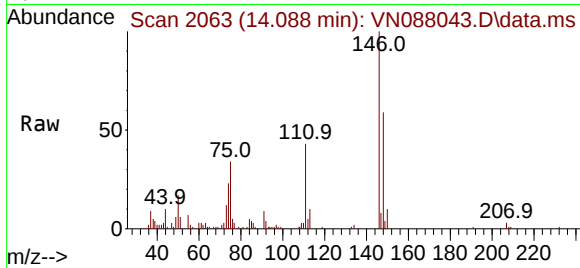




#87
1,2-Dichlorobenzene
Concen: 4.791 ug/l
RT: 14.088 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

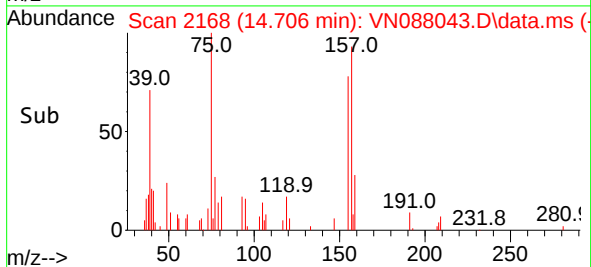
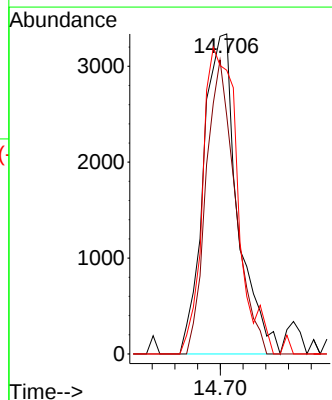
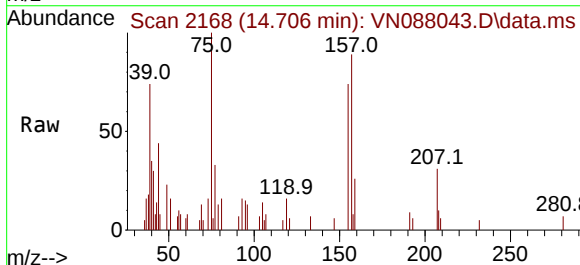
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2025

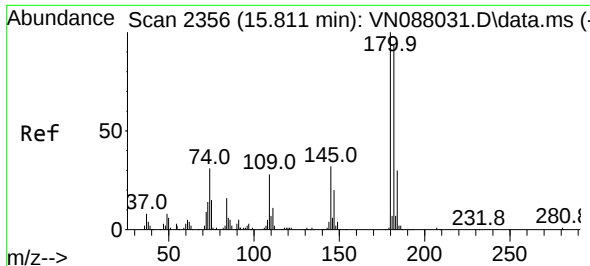
Tgt Ion:146 Resp: 40934
Ion Ratio Lower Upper
146 100
111 43.1 22.3 66.8
148 61.6 31.4 94.3



#88
1,2-Dibromo-3-Chloropropane
Concen: 4.749 ug/l
RT: 14.706 min Scan# 2168
Delta R.T. 0.006 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

Tgt Ion: 75 Resp: 6984
Ion Ratio Lower Upper
75 100
155 78.6 63.5 95.3
157 68.9 81.7 122.5#

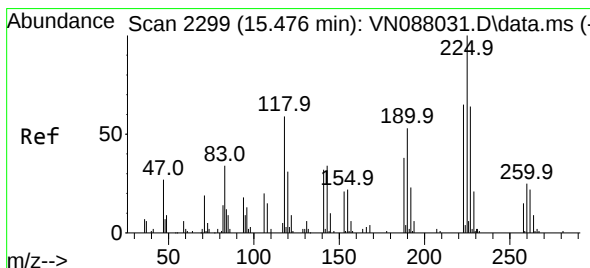
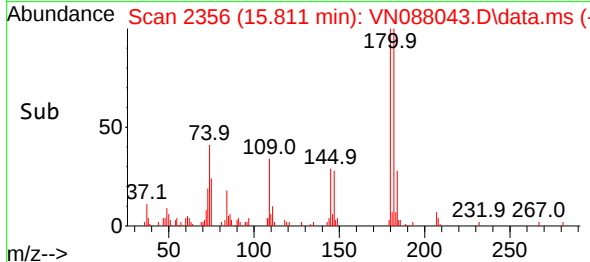
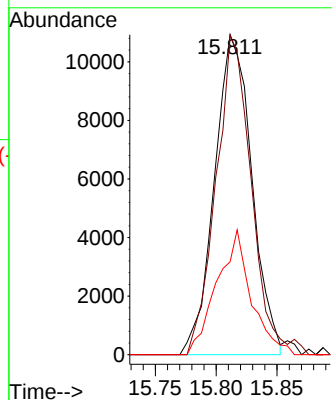
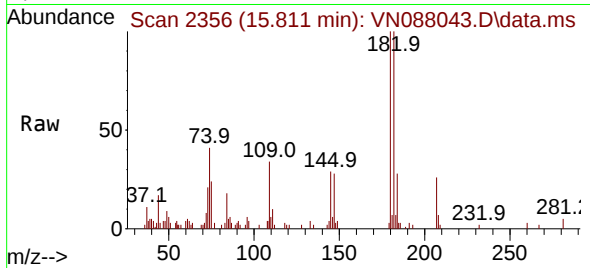




#89
1,2,4-Trichlorobenzene
Concen: 4.585 ug/l
RT: 15.811 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

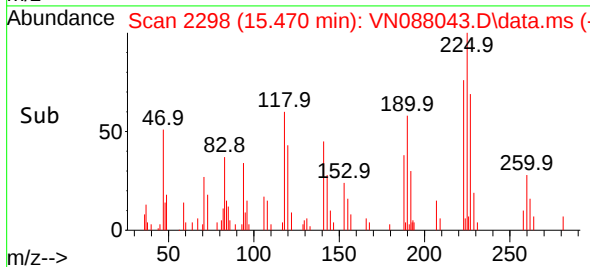
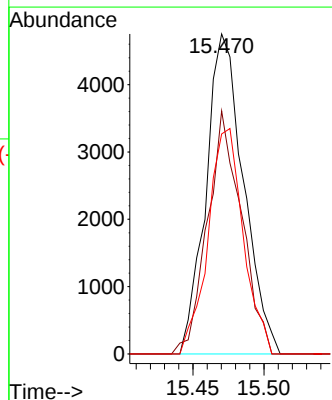
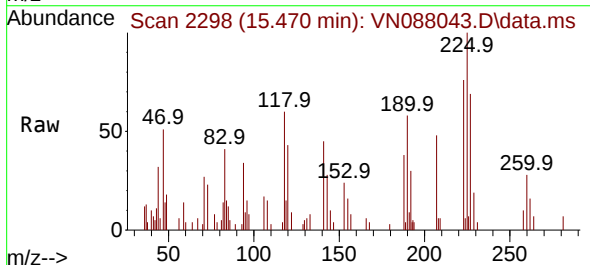
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2025

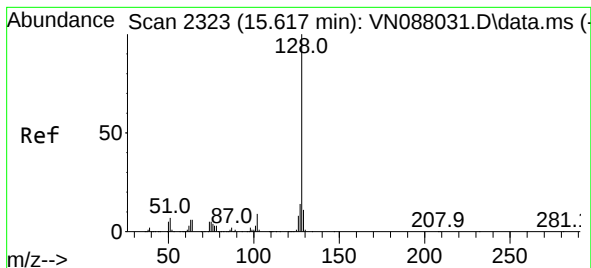
Tgt Ion:180 Resp: 23331
Ion Ratio Lower Upper
180 100
182 93.3 74.6 112.0
145 35.9 27.2 40.8



#90
Hexachlorobutadiene
Concen: 4.932 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VN088043.D
Acq: 08 Oct 2025 16:02

Tgt Ion:225 Resp: 8735
Ion Ratio Lower Upper
225 100
223 68.9 0.0 129.6
227 66.1 0.0 132.2





#91

Naphthalene

Concen: 4.686 ug/l

RT: 15.617 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN088043.D

Acq: 08 Oct 2025 16:02

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2025

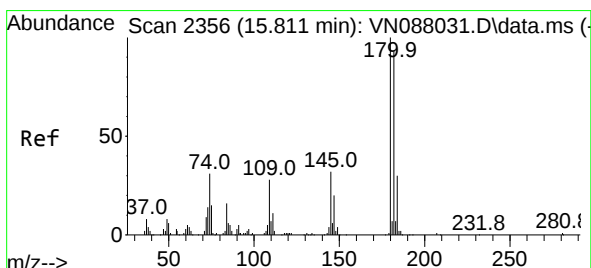
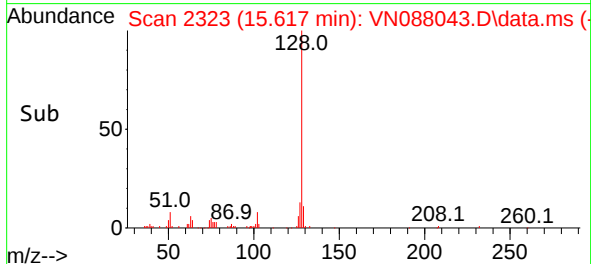
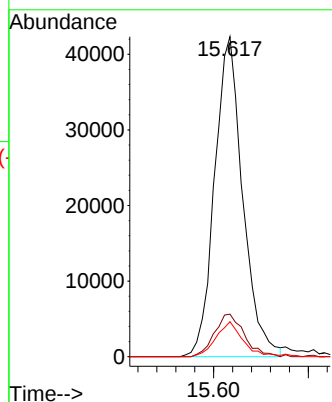
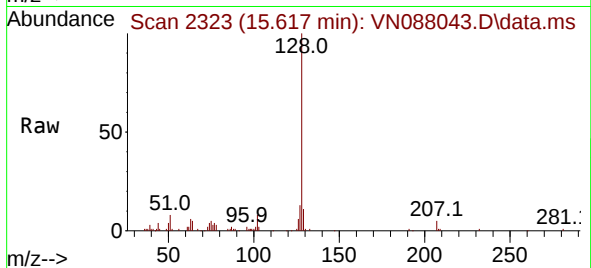
Tgt Ion:128 Resp: 87302

Ion Ratio Lower Upper

128 100

127 14.1 10.3 15.5

129 10.1 8.6 13.0



#92

1,2,3-Trichlorobenzene

Concen: 4.585 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN088043.D

Acq: 08 Oct 2025 16:02

Tgt Ion:180 Resp: 23331

Ion Ratio Lower Upper

180 100

182 93.3 0.0 186.6

145 35.9 0.0 68.0

