

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR081125\
 Data File : VR026737.D
 Acq On : 11 Aug 2025 13:26
 Operator : SY/MD
 Sample : Q2126-08
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

Quant Time: Aug 12 03:03:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R080425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 05 02:27:49 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.295	168	315505	50.000	ug/l	0.00
33) 1,4-Difluorobenzene	8.328	114	571885	50.000	ug/l	0.00
62) Chlorobenzene-d5	11.537	117	449394	50.000	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.745	152	211123	50.000	ug/l	0.00

System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.689	65	191528	47.963	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.920%
34) Dibromofluoromethane	7.195	113	163344	46.179	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.360%
49) Toluene-d8	10.035	98	662751	52.299	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.600%
61) 4-Bromofluorobenzene	12.673	95	180652	50.120	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.240%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.663	85	7468	3.248	ug/l	89
3) Chloromethane	1.846	50	12480	3.651	ug/l #	80
4) Vinyl Chloride	1.962	62	16051	4.595	ug/l #	85
5) Bromomethane	2.295	94	9751	5.729	ug/l #	80
6) Chloroethane	2.427	64	10599	4.713	ug/l	93
7) Trichlorofluoromethane	2.709	101	39909	6.339	ug/l	99
8) Diethyl Ether	3.078	74	10738m	3.844	ug/l	
9) 1,1,2-Trichlorotrifluo...	3.383	101	13484m	3.970	ug/l	
10) Methyl Iodide	3.537	142	11255m	3.434	ug/l	
11) Tert butyl alcohol	4.323	59	12174m	19.485	ug/l	
12) 1,1-Dichloroethene	3.354	96	13054	3.890	ug/l #	79
13) Acrolein	3.248	56	29383	32.173	ug/l	94
14) Allyl chloride	3.887	41	25069m	3.797	ug/l	
15) Acrylonitrile	4.484	53	52364	21.114	ug/l	90
16) Acetone	3.454	43	55935	29.845	ug/l	100
17) Carbon Disulfide	3.640	76	11961	2.408	ug/l #	94
18) Methyl Acetate	3.903	43	24579	3.142	ug/l #	62
19) Methyl tert-butyl Ether	4.564	73	49522m	3.687	ug/l	
20) Methylene Chloride	4.095	84	19403m	4.362	ug/l	
21) trans-1,2-Dichloroethene	4.532	96	13073	3.543	ug/l	89
22) Diisopropyl ether	5.459	45	61351m	3.965	ug/l	
23) Vinyl Acetate	5.392	43	204510	23.182	ug/l #	90
24) 1,1-Dichloroethane	5.328	63	32409m	4.136	ug/l	
25) 2-Butanone	6.374	43	73156	25.219	ug/l #	88
26) 2,2-Dichloropropane	6.342	77	16421m	3.032	ug/l	
27) cis-1,2-Dichloroethene	6.358	96	18023	3.797	ug/l	50
28) Bromochloromethane	6.740	49	15748m	5.577	ug/l	
29) Chloroform	6.951	83	31551m	4.649	ug/l	
30) Cyclohexane	7.285	56	26131	4.130	ug/l #	89
31) 1,1,1-Trichloroethane	7.176	97	18785	3.831	ug/l #	47
35) 1,1-Dichloropropene	7.423	75	16564	3.712	ug/l #	83
36) Ethyl Acetate	6.476	43	28926m	5.415	ug/l	
37) Carbon Tetrachloride	7.401	117	14669	4.036	ug/l #	68
38) Methylcyclohexane	8.893	83	17453m	3.417	ug/l	
39) Benzene	7.705	78	66114	4.114	ug/l	93
40) Methacrylonitrile	6.717	41	15176m	4.571	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 1,2-Dichloroethane	7.795	62	19151	4.685	ug/l	86
42) Isopropyl Acetate	7.869	43	35696	4.156	ug/l #	80
43) Trichloroethene	8.601	130	15553	5.033	ug/l	64
44) 1,2-Dichloropropane	8.918	63	16998	4.470	ug/l #	85
45) Dibromomethane	9.024	93	10596	5.010	ug/l #	87
46) Bromodichloromethane	9.246	83	18603	4.540	ug/l #	95
47) Methyl methacrylate	9.040	41	17378	4.622	ug/l #	79
48) 1,4-Dioxane	9.040	88	7114m	117.472	ug/l	
50) 4-Methyl-2-Pentanone	9.920	43	108856	24.274	ug/l	97
51) Toluene	10.109	92	37511	4.573	ug/l	99
52) t-1,3-Dichloropropene	10.366	75	12889	3.209	ug/l #	87
53) cis-1,3-Dichloropropene	9.750	75	17143	3.559	ug/l #	90
54) 1,1,2-Trichloroethane	10.568	97	15186	5.069	ug/l #	87
55) Ethyl methacrylate	10.436	69	18763	3.793	ug/l	95
56) 1,3-Dichloropropane	10.738	76	24759	4.852	ug/l #	66
57) 2-Chloroethyl Vinyl ether	9.592	63	8425m	30.815	ug/l	
58) 2-Hexanone	10.796	43	77626	25.677	ug/l	98
59) Dibromochloromethane	10.950	129	10362	4.087	ug/l	66
60) 1,2-Dibromoethane	11.068	107	12591m	4.883	ug/l	
63) Tetrachloroethene	10.645	164	10526	4.288	ug/l #	84
64) Chlorobenzene	11.563	112	42714	4.567	ug/l #	85
65) 1,1,1,2-Tetrachloroethane	11.652	131	12445	4.872	ug/l #	60
66) Ethyl Benzene	11.662	91	58877	3.770	ug/l	95
67) m/p-Xylenes	11.790	106	48871	7.833	ug/l	98
68) o-Xylene	12.163	106	22595	3.731	ug/l	90
69) Styrene	12.176	104	39897	3.942	ug/l	97
70) Bromoform	12.358	173	5971m	4.130	ug/l	
72) Isopropylbenzene	12.506	105	59274	3.939	ug/l	99
73) N-amyl acetate	12.301	43	21708	3.638	ug/l #	55
74) 1,1,2,2-Tetrachloroethane	12.788	83	21956	4.973	ug/l	92
75) 1,2,3-Trichloropropane	12.846	75	12523m	3.578	ug/l	
76) Bromobenzene	12.820	156	16921m	4.859	ug/l	
77) n-propylbenzene	12.898	91	74251	4.136	ug/l	99
78) 2-Chlorotoluene	12.991	91	41962	4.120	ug/l	75
79) 1,3,5-Trimethylbenzene	13.052	105	49425	4.200	ug/l	98
80) trans-1,4-Dichloro-2-b...	12.551	75	3451m	2.872	ug/l	
81) 4-Chlorotoluene	13.093	91	42961	4.129	ug/l	92
82) tert-Butylbenzene	13.353	119	43473	4.062	ug/l	94
83) 1,2,4-Trimethylbenzene	13.405	105	45825	3.934	ug/l	93
84) sec-Butylbenzene	13.555	105	66064	4.162	ug/l	99
85) p-Isopropyltoluene	13.680	119	49824	3.850	ug/l	89
86) 1,3-Dichlorobenzene	13.677	146	32626m	4.779	ug/l	
87) 1,4-Dichlorobenzene	13.770	146	33885	4.945	ug/l	97
88) n-Butylbenzene	14.053	91	46622	3.908	ug/l	97
89) Hexachloroethane	14.358	117	7456m	4.012	ug/l	
90) 1,2-Dichlorobenzene	14.098	146	34123	5.322	ug/l	86
91) 1,2-Dibromo-3-Chloropr...	14.794	75	3870m	6.583	ug/l	
92) 1,2,4-Trichlorobenzene	15.554	180	17551	4.577	ug/l	98
93) Hexachlorobutadiene	15.673	225	5968m	4.791	ug/l	
94) Naphthalene	15.830	128	62755	5.341	ug/l #	76
95) 1,2,3-Trichlorobenzene	16.068	180	18752	5.152	ug/l #	20

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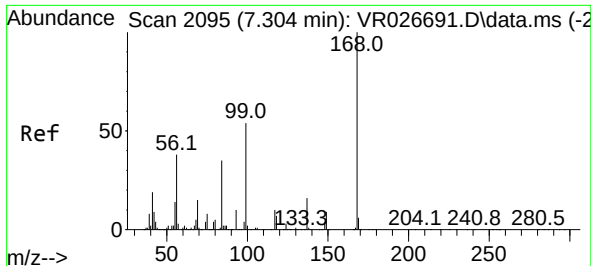
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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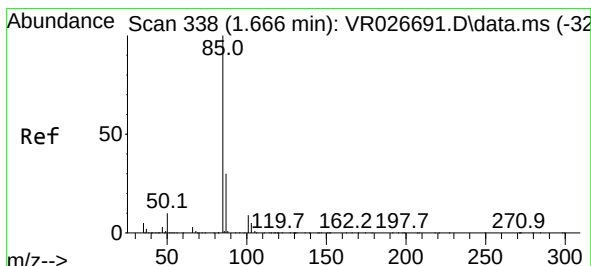
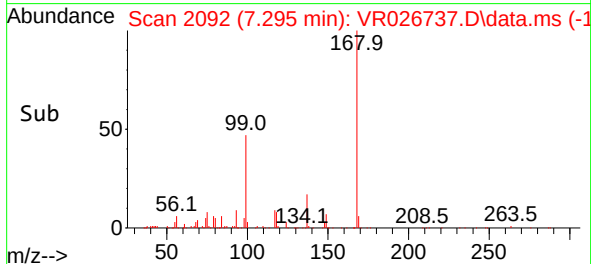
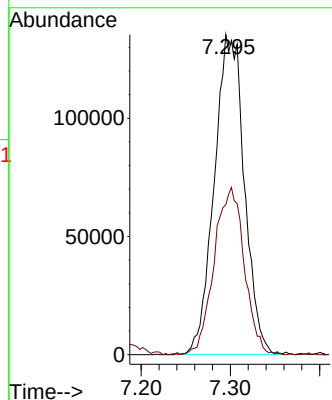
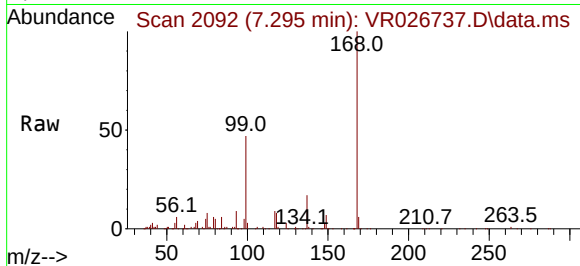




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.295 min Scan# 2095
Delta R.T. -0.009 min
Lab File: VR026737.D
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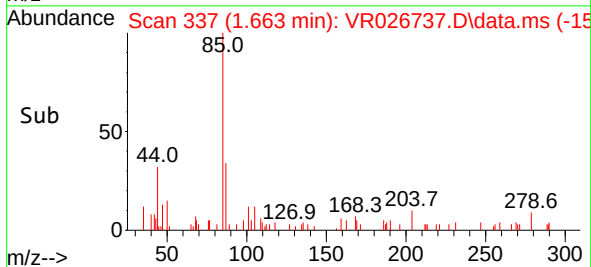
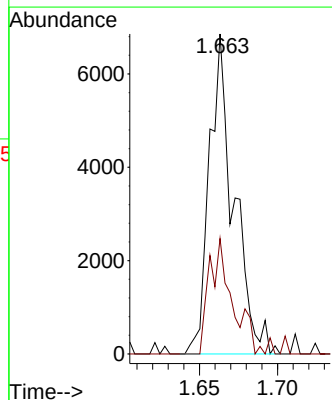
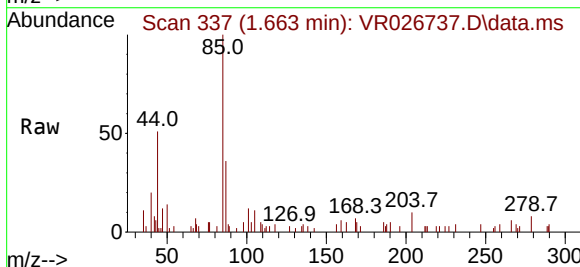
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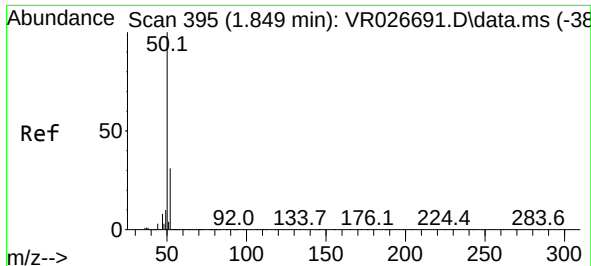
Tgt Ion:168 Resp: 315505
Ion Ratio Lower Upper
168 100
99 46.8 43.8 65.8



#2
Dichlorodifluoromethane
Concen: 3.248 ug/l
RT: 1.663 min Scan# 337
Delta R.T. -0.003 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

Tgt Ion: 85 Resp: 7468
Ion Ratio Lower Upper
85 100
87 36.1 15.2 45.5

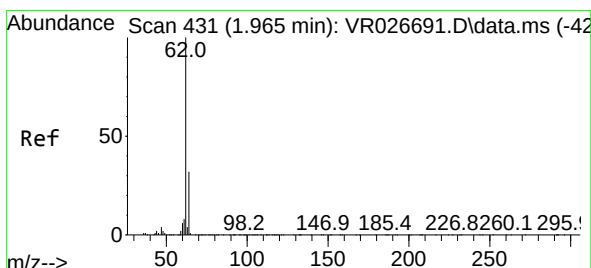
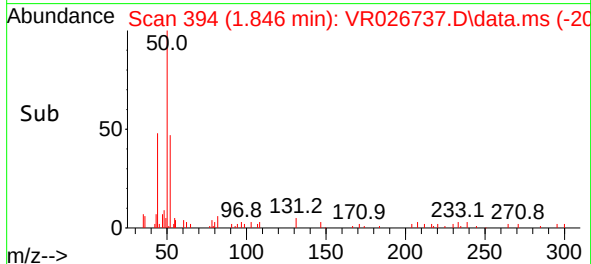
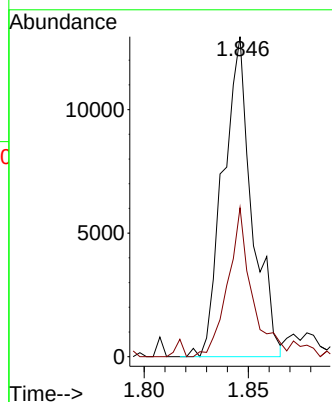
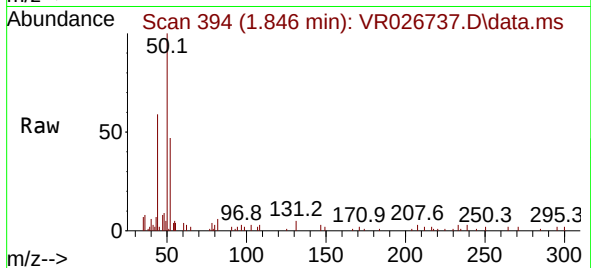




#3
Chloromethane
Concen: 3.651 ug/l
RT: 1.846 min Scan# 394
Delta R.T. -0.003 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

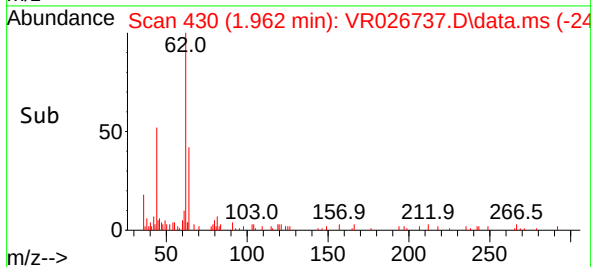
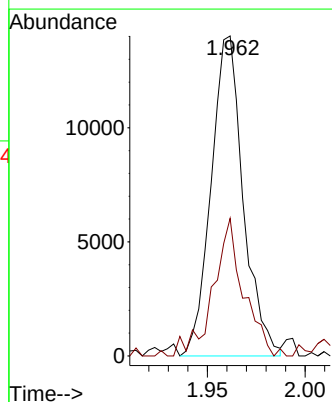
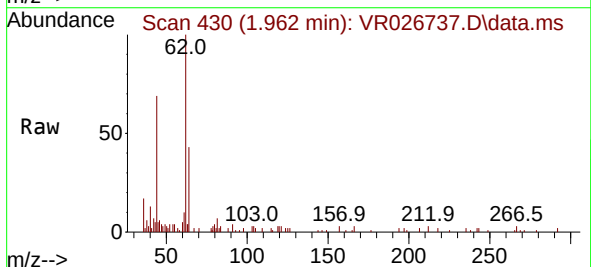
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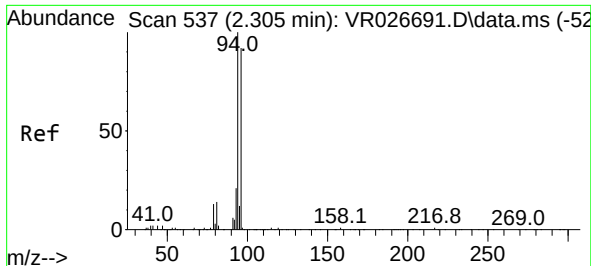
Tgt Ion: 50 Resp: 12480
Ion Ratio Lower Upper
50 100
52 42.2 25.0 37.4#



#4
Vinyl Chloride
Concen: 4.595 ug/l
RT: 1.962 min Scan# 430
Delta R.T. -0.003 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

Tgt Ion: 62 Resp: 16051
Ion Ratio Lower Upper
62 100
64 40.8 25.9 38.9#

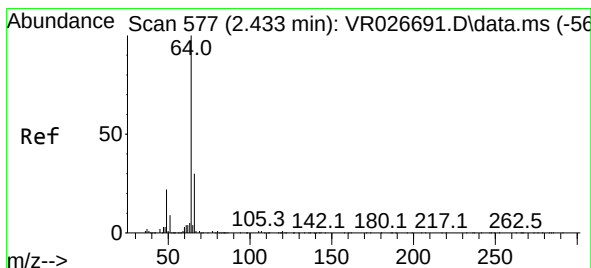
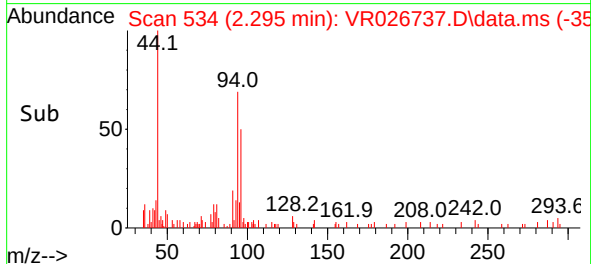
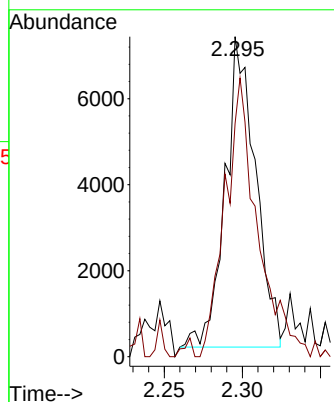
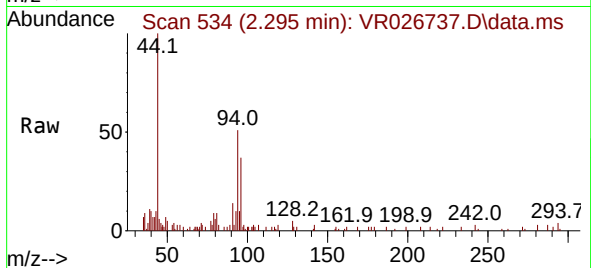




#5
Bromomethane
Concen: 5.729 ug/l
RT: 2.295 min Scan# 51
Delta R.T. -0.010 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

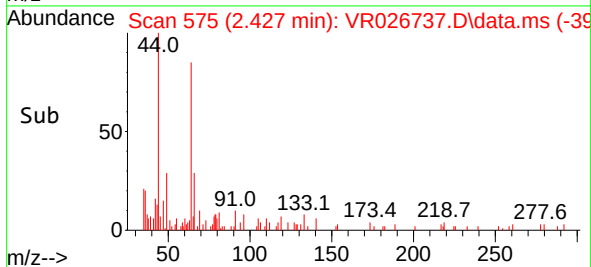
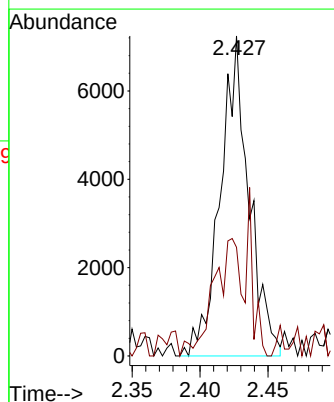
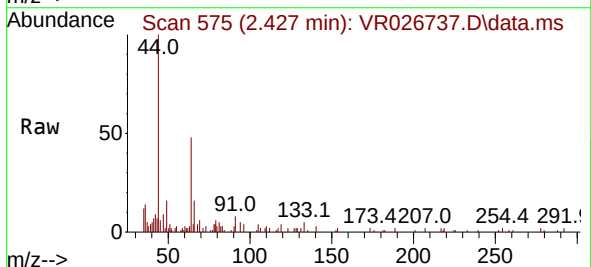
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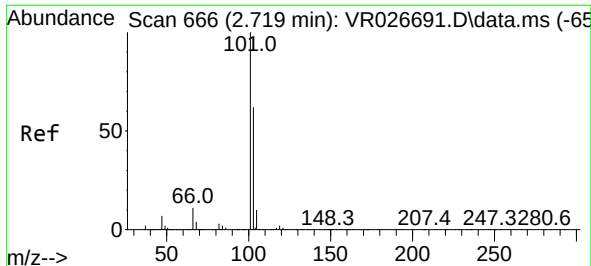
Tgt Ion: 94 Resp: 9751
Ion Ratio Lower Upper
94 100
96 72.6 73.3 109.9#



#6
Chloroethane
Concen: 4.713 ug/l
RT: 2.427 min Scan# 575
Delta R.T. -0.006 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

Tgt Ion: 64 Resp: 10599
Ion Ratio Lower Upper
64 100
66 34.0 24.3 36.5

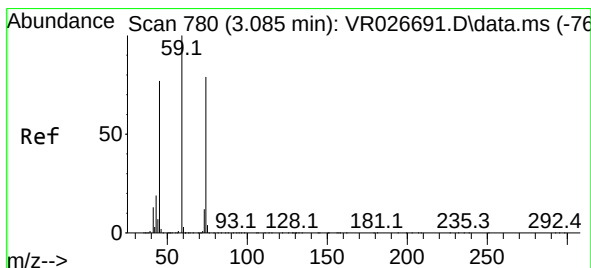
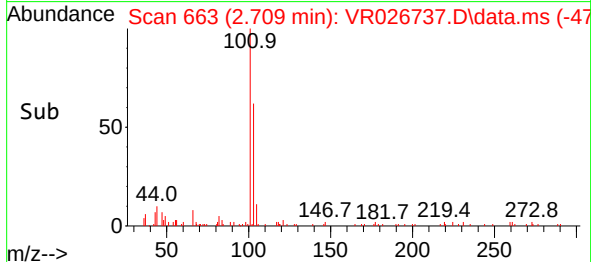
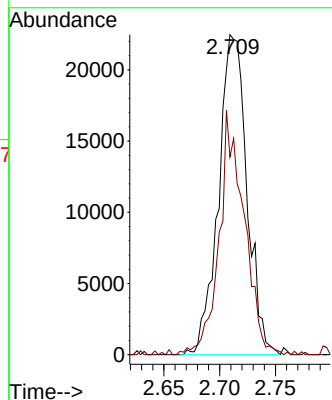
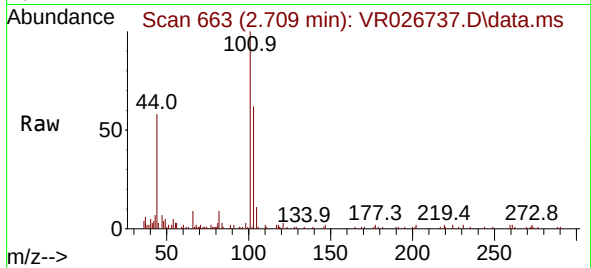




#7
Trichlorofluoromethane
Concen: 6.339 ug/l
RT: 2.709 min Scan# 610
Delta R.T. -0.010 min
Lab File: VR026737.D
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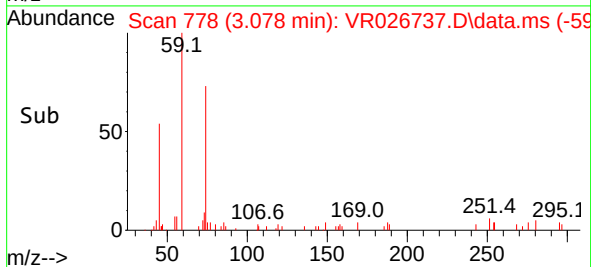
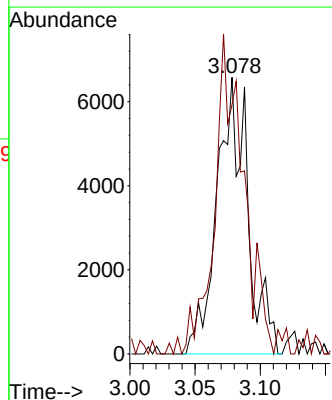
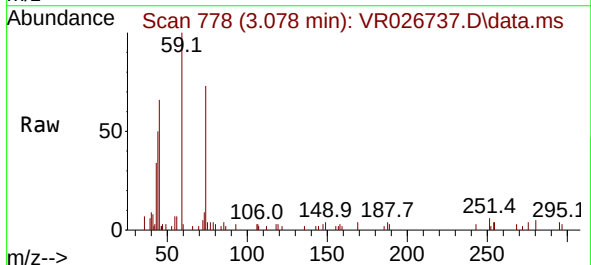
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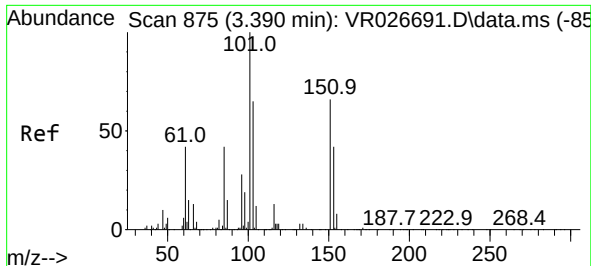
Tgt Ion:101 Resp: 39909
Ion Ratio Lower Upper
101 100
103 60.8 49.4 74.2



#8
Diethyl Ether
Concen: 3.844 ug/l m
RT: 3.078 min Scan# 778
Delta R.T. -0.006 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

Tgt Ion: 74 Resp: 10738
Ion Ratio Lower Upper
74 100
45 109.6 47.1 141.3

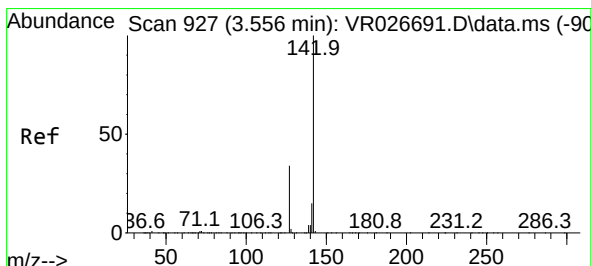
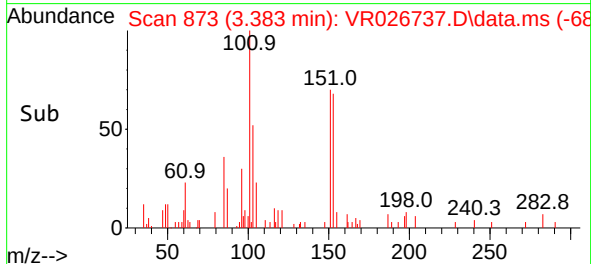
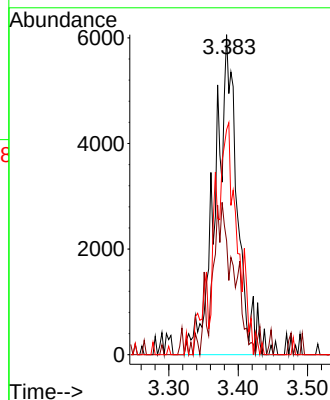
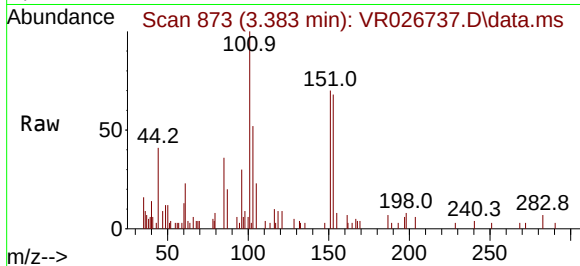




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.970 ug/l m
RT: 3.383 min Scan# 81
Delta R.T. -0.006 min
Lab File: VR026737.D
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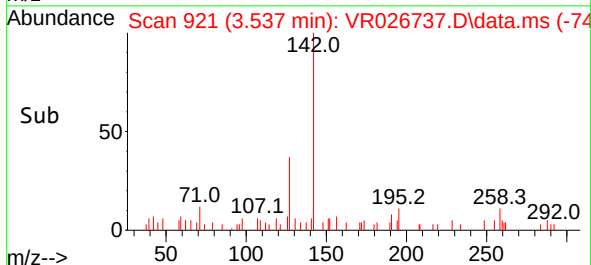
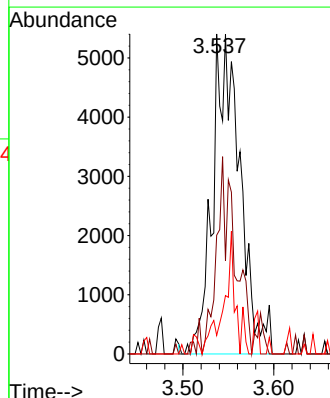
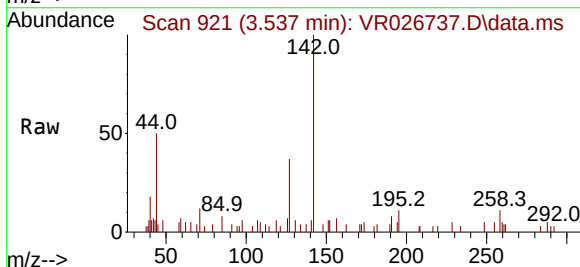
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ClientSampleId :
LOQ-WATER-02-QT2-2025

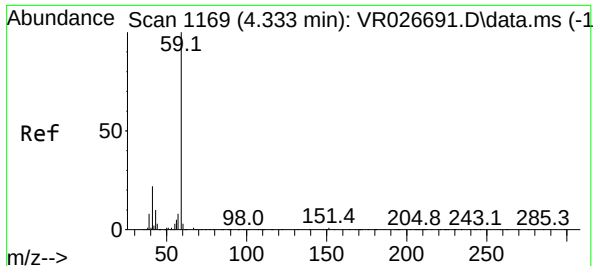
Tgt Ion:101 Resp: 13484
Ion Ratio Lower Upper
101 100
85 41.6 34.5 51.7
151 50.3 53.4 80.0#



#10
Methyl Iodide
Concen: 3.434 ug/l m
RT: 3.537 min Scan# 921
Delta R.T. -0.019 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

Tgt Ion:142 Resp: 11255
Ion Ratio Lower Upper
142 100
127 19.7 30.1 45.1#
141 3.2 10.8 16.2#

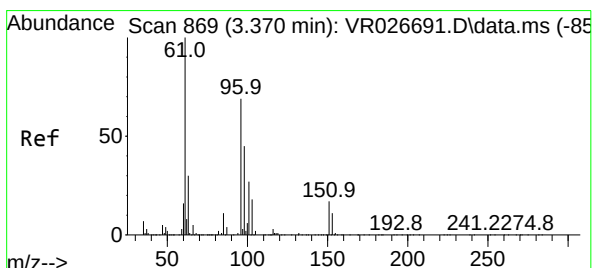
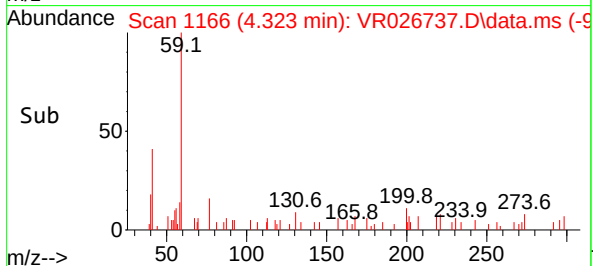
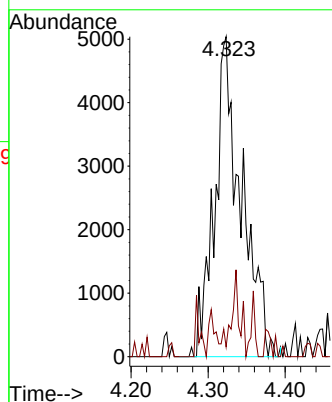
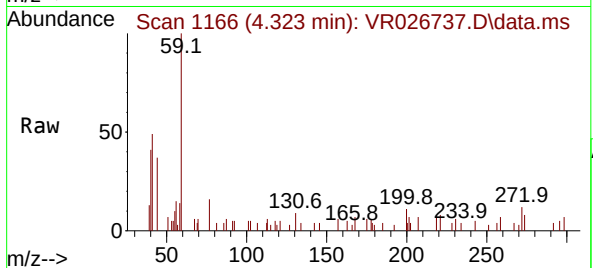




#11
Tert butyl alcohol
Concen: 19.485 ug/l m
RT: 4.323 min Scan# 1166
Delta R.T. -0.010 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

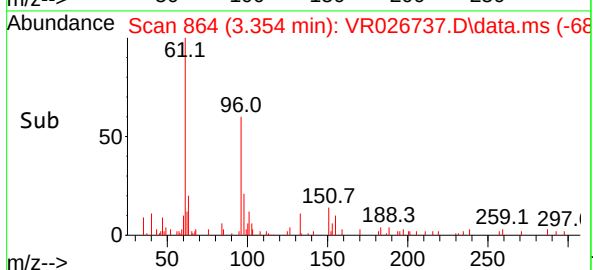
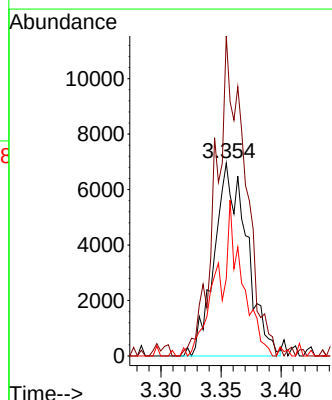
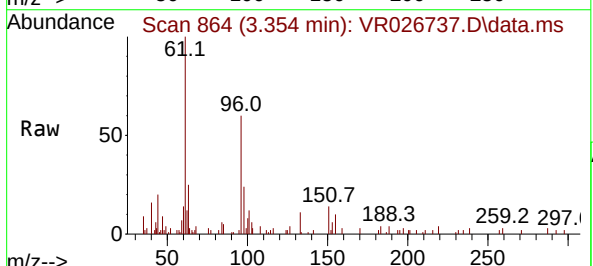
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025

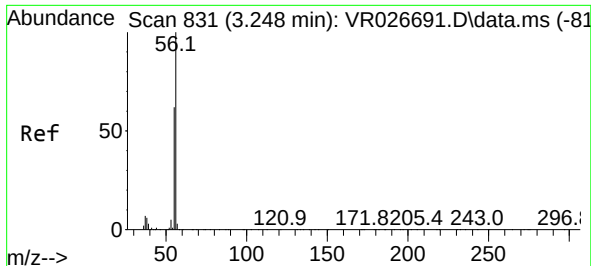
Tgt Ion: 59 Resp: 12174
Ion Ratio Lower Upper
59 100
57 8.4 7.7 11.5



#12
1,1-Dichloroethene
Concen: 3.890 ug/l
RT: 3.354 min Scan# 864
Delta R.T. -0.016 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

Tgt Ion: 96 Resp: 13054
Ion Ratio Lower Upper
96 100
61 165.8 116.2 174.4
98 40.1 52.3 78.5#

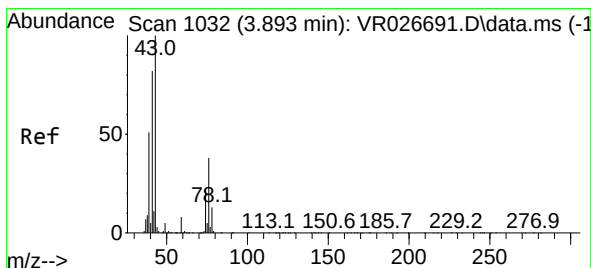
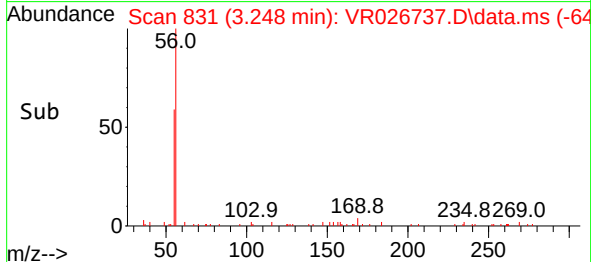
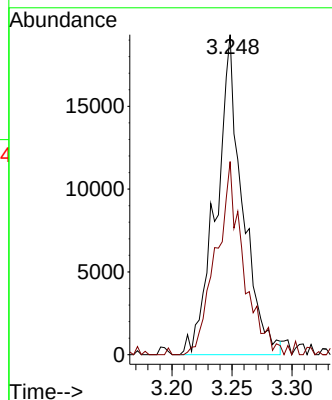
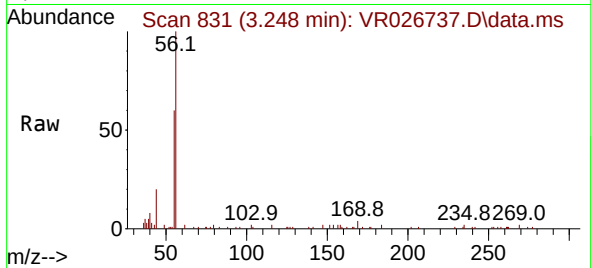




#13
Acrolein
Concen: 32.173 ug/l
RT: 3.248 min Scan# 81
Delta R.T. -0.000 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

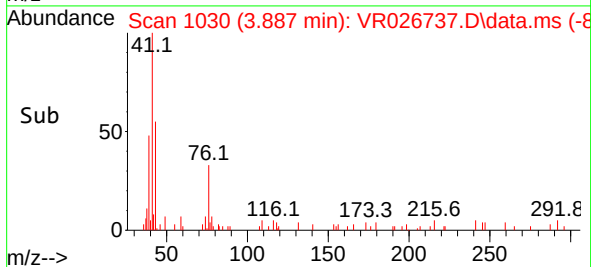
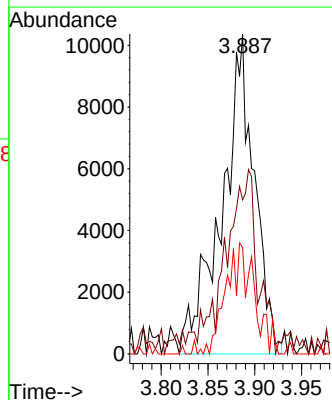
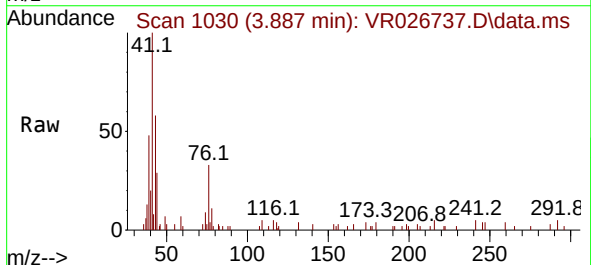
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT2-2025

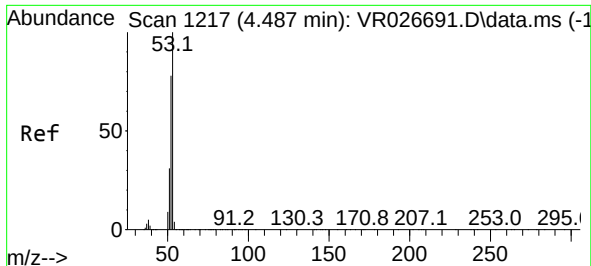
Tgt Ion: 56 Resp: 29383
Ion Ratio Lower Upper
56 100
55 62.6 53.8 80.8



#14
Allyl chloride
Concen: 3.797 ug/l m
RT: 3.887 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

Tgt Ion: 41 Resp: 25069
Ion Ratio Lower Upper
41 100
39 46.2 44.2 66.2
76 19.5 31.0 46.4#

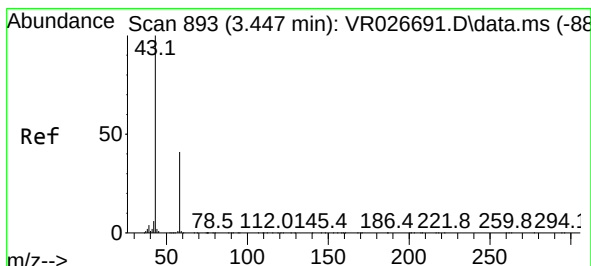
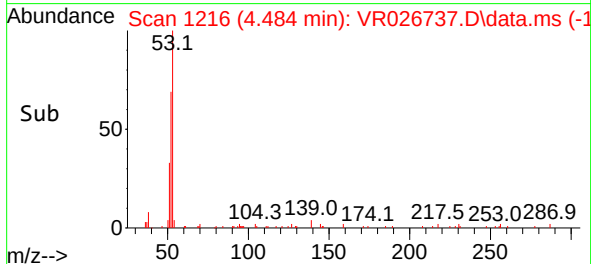
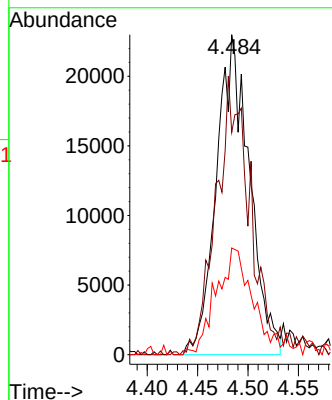
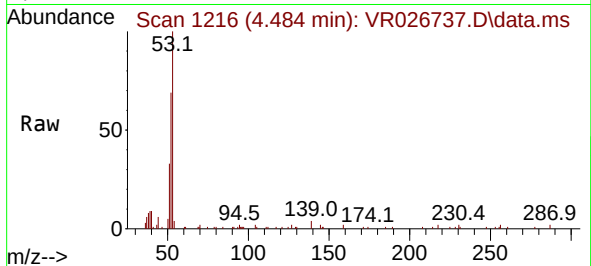




#15
Acrylonitrile
Concen: 21.114 ug/l
RT: 4.484 min Scan# 11
Delta R.T. -0.003 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

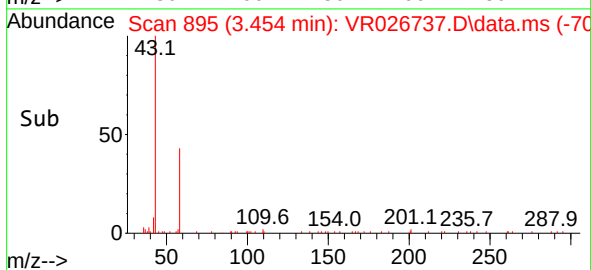
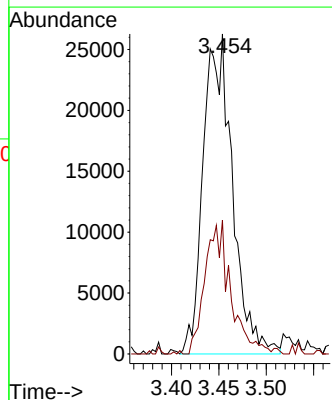
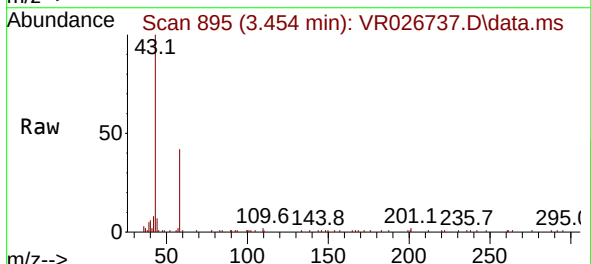
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT2-2025

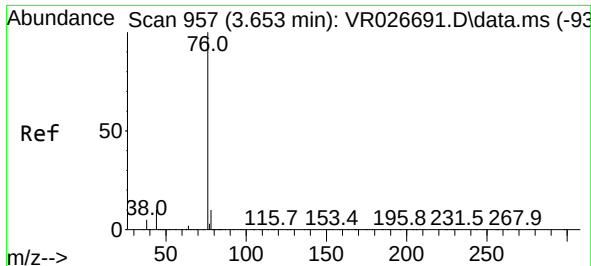
Tgt Ion:	53	Resp:	52364
Ion	Ratio	Lower	Upper
53	100		
52	86.6	61.4	92.2
51	35.2	25.8	38.6



#16
Acetone
Concen: 29.845 ug/l
RT: 3.454 min Scan# 895
Delta R.T. 0.006 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

Tgt Ion:	43	Resp:	55935
Ion	Ratio	Lower	Upper
43	100		
58	41.0	32.9	49.3

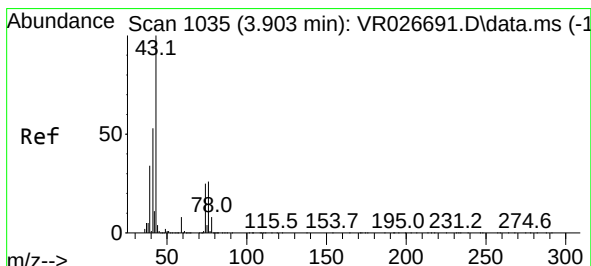
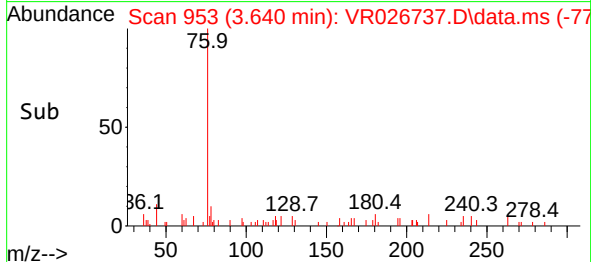
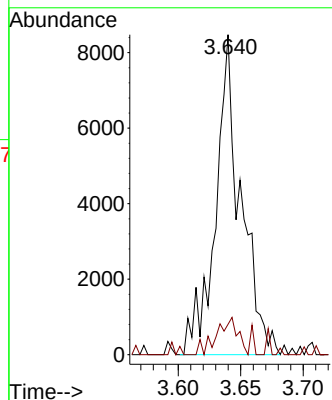
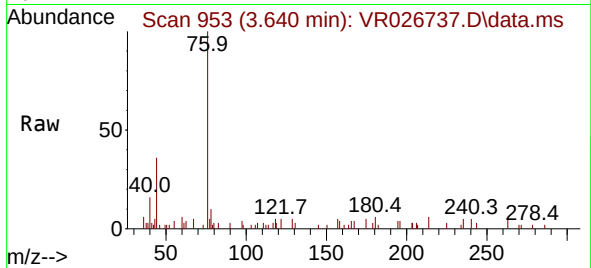




#17
Carbon Disulfide
Concen: 2.408 ug/l
RT: 3.640 min Scan# 91
Delta R.T. -0.013 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

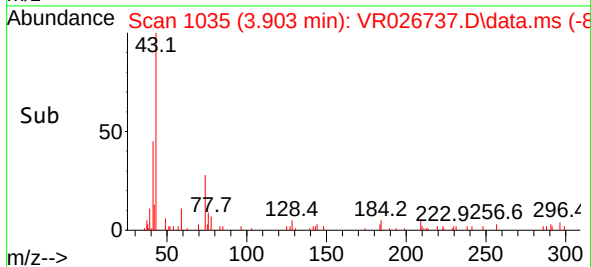
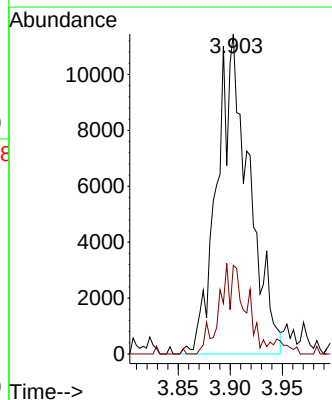
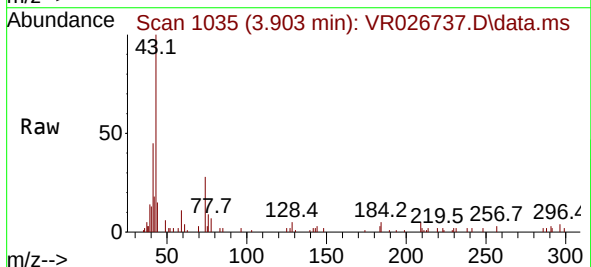
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT2-2025

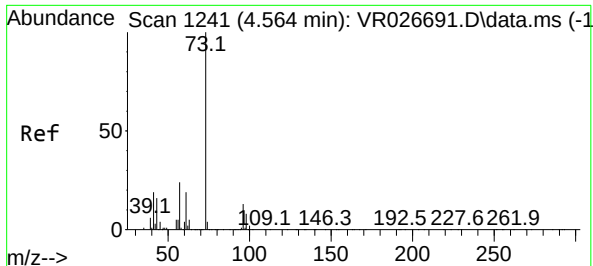
Tgt Ion: 76 Resp: 11961
Ion Ratio Lower Upper
76 100
78 7.4 7.8 11.6#



#18
Methyl Acetate
Concen: 3.142 ug/l
RT: 3.903 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

Tgt Ion: 43 Resp: 24579
Ion Ratio Lower Upper
43 100
74 5.6 19.4 29.0#

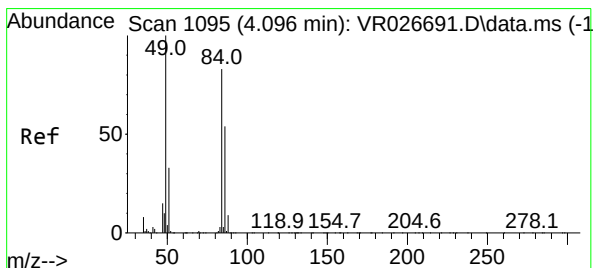
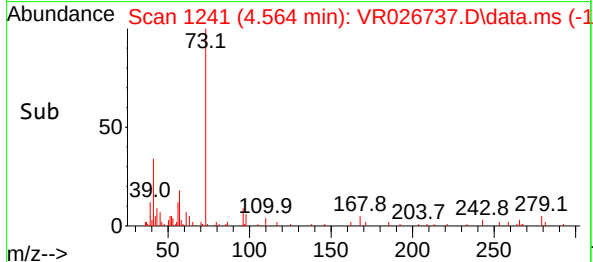
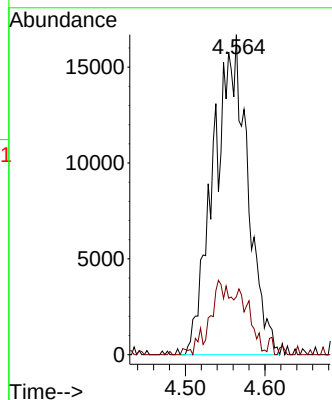
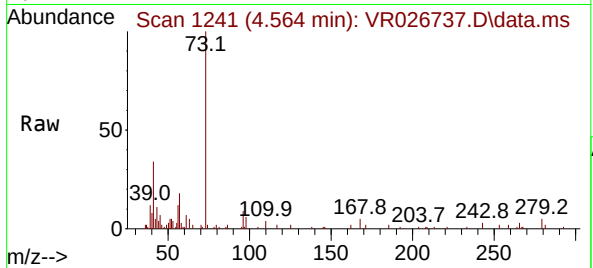




#19
Methyl tert-butyl Ether
Concen: 3.687 ug/l m
RT: 4.564 min Scan# 11
Delta R.T. -0.000 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

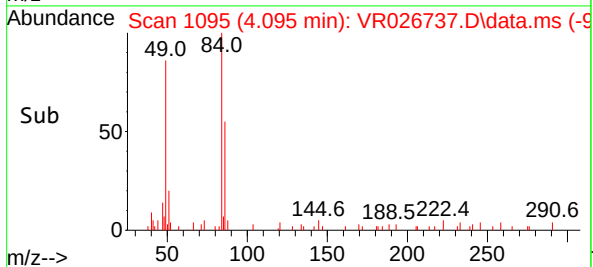
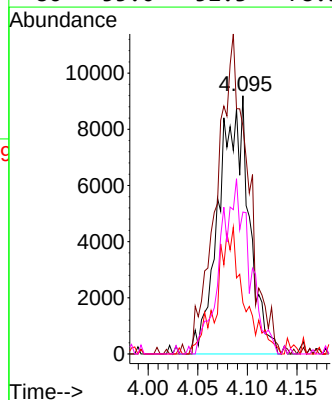
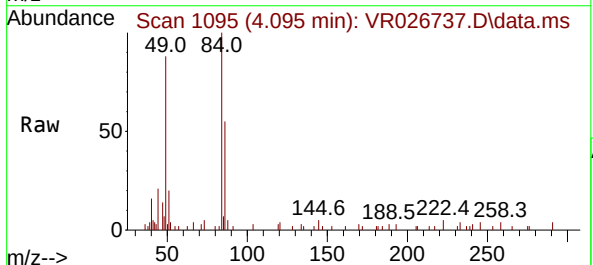
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT2-2025

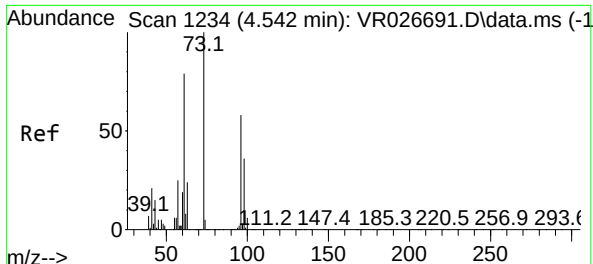
Tgt Ion: 73 Resp: 49522
Ion Ratio Lower Upper
73 100
57 18.1 19.4 29.0#



#20
Methylene Chloride
Concen: 4.362 ug/l m
RT: 4.095 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

Tgt Ion: 84 Resp: 19403
Ion Ratio Lower Upper
84 100
49 88.3 96.2 144.4#
51 19.8 31.8 47.6#
86 55.0 52.3 78.5

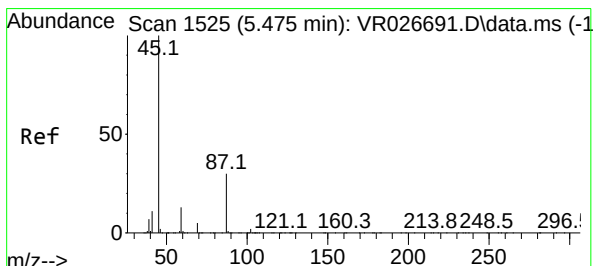
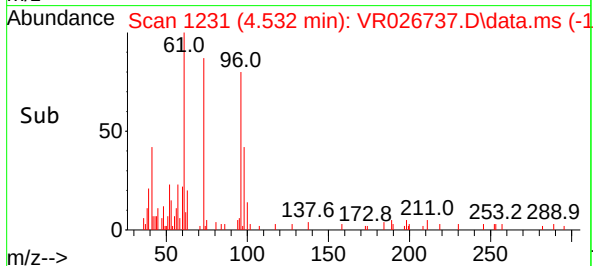
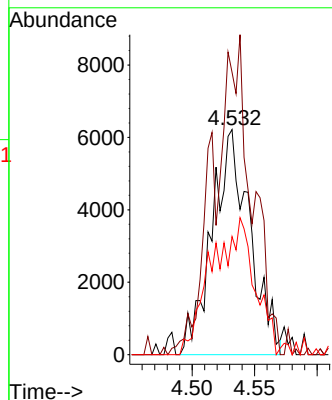
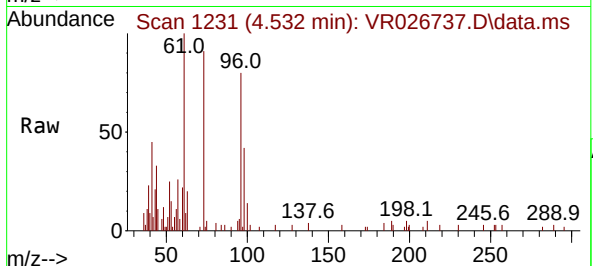




#21
trans-1,2-Dichloroethene
Concen: 3.543 ug/l
RT: 4.532 min Scan# 11
Delta R.T. -0.010 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

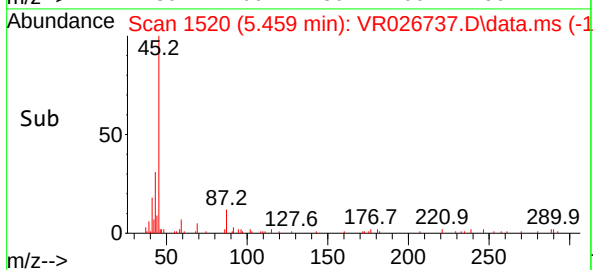
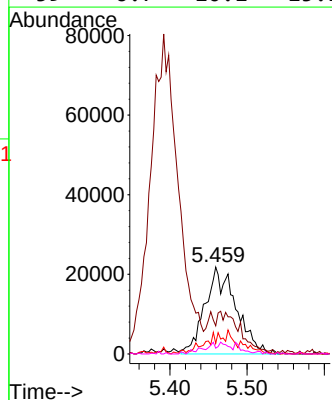
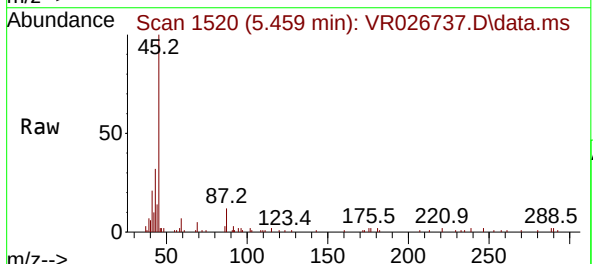
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025

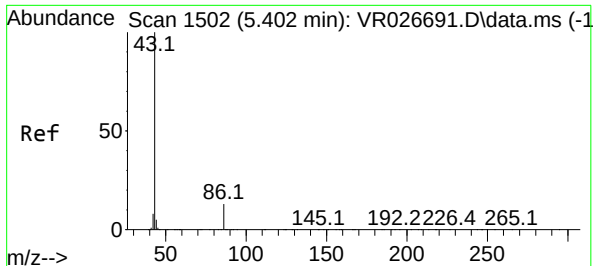
Tgt Ion: 96 Resp: 13073
Ion Ratio Lower Upper
96 100
61 125.4 110.3 165.5
98 52.4 50.2 75.4



#22
Diisopropyl ether
Concen: 3.965 ug/l m
RT: 5.459 min Scan# 1520
Delta R.T. -0.016 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

Tgt Ion: 45 Resp: 61351
Ion Ratio Lower Upper
45 100
43 32.4 38.2 57.2#
87 12.1 24.0 36.0#
59 6.7 10.1 15.1#

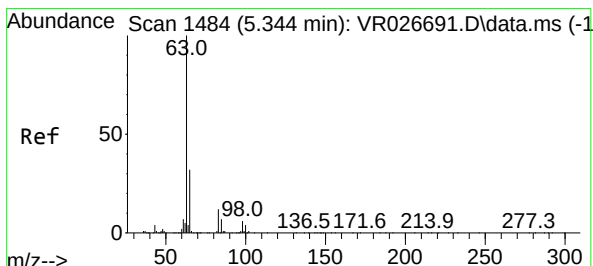
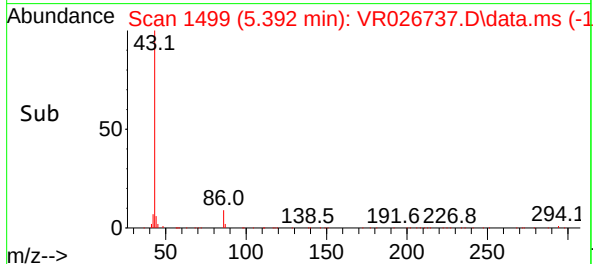
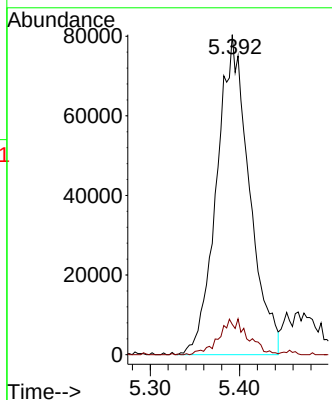
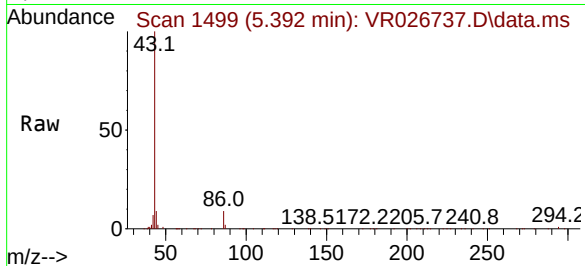




#23
 Vinyl Acetate
 Concen: 23.182 ug/l
 RT: 5.392 min Scan# 1499
 Delta R.T. -0.010 min
 Lab File: VR026737.D
 Acq: 11 Aug 2025 13:26

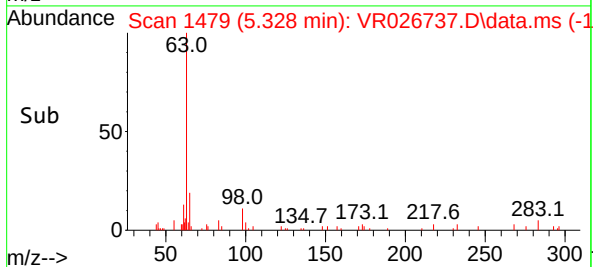
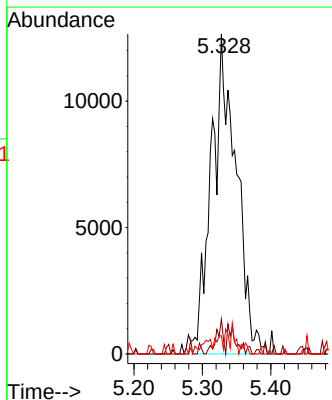
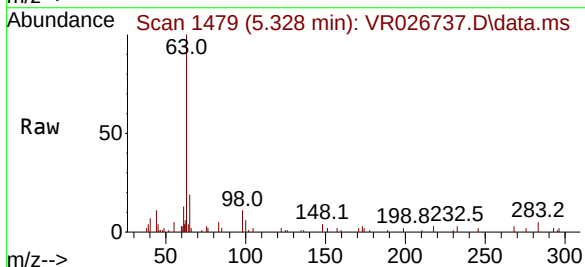
Instrument : MSVOA_R
 ClientSampleId : LOQ-WATER-02-QT2-2025

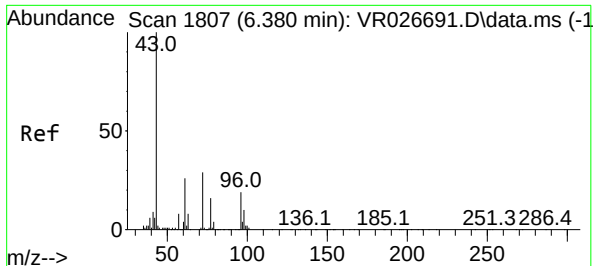
Tgt Ion: 43 Resp: 204510
 Ion Ratio Lower Upper
 43 100
 86 9.2 10.7 16.1#



#24
 1,1-Dichloroethane
 Concen: 4.136 ug/l m
 RT: 5.328 min Scan# 1479
 Delta R.T. -0.016 min
 Lab File: VR026737.D
 Acq: 11 Aug 2025 13:26

Tgt Ion: 63 Resp: 32409
 Ion Ratio Lower Upper
 63 100
 98 10.9 2.9 8.8#
 100 5.7 1.8 5.4#





#25

2-Butanone

Concen: 25.219 ug/l

RT: 6.374 min Scan# 1795

Delta R.T. -0.006 min

Lab File: VR026737.D

Acq: 11 Aug 2025 13:26

Instrument :

MSVOA_R

ClientSampleId :

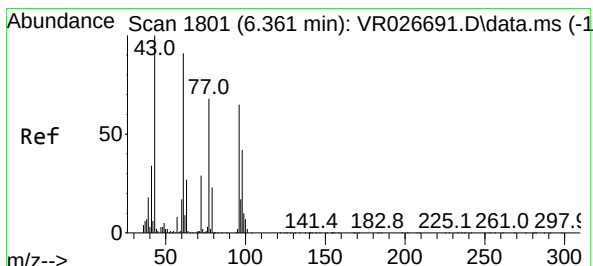
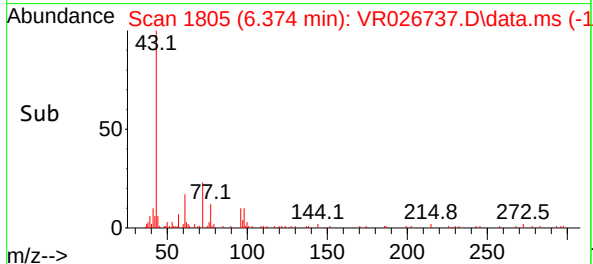
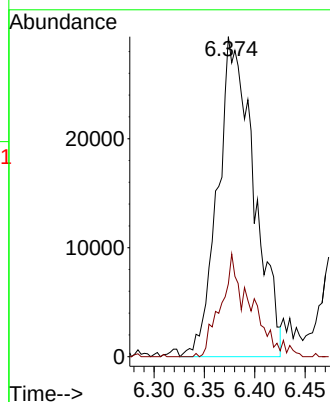
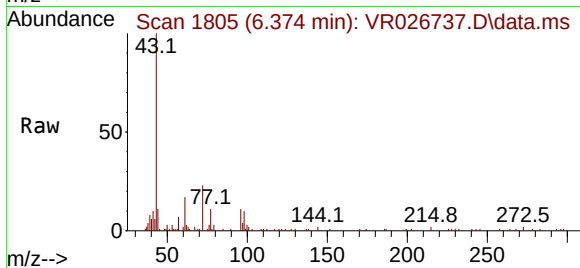
LOQ-WATER-02-QT2-2025

Tgt Ion: 43 Resp: 73156

Ion Ratio Lower Upper

43 100

72 22.7 23.1 34.7#



#26

2,2-Dichloropropane

Concen: 3.032 ug/l m

RT: 6.342 min Scan# 1795

Delta R.T. -0.019 min

Lab File: VR026737.D

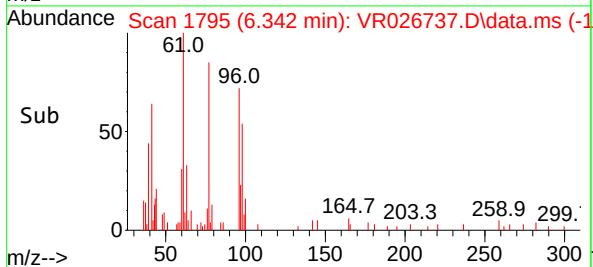
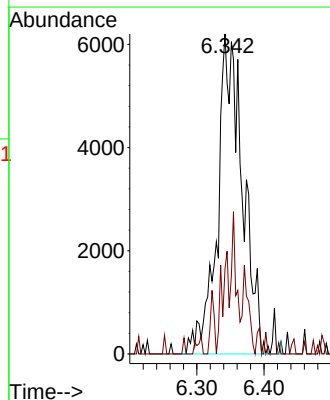
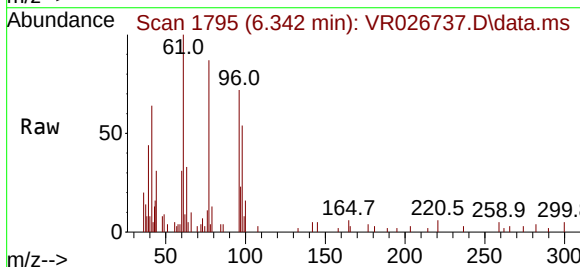
Acq: 11 Aug 2025 13:26

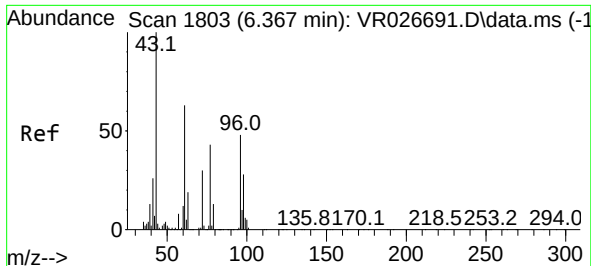
Tgt Ion: 77 Resp: 16421

Ion Ratio Lower Upper

77 100

97 8.7 12.3 36.8#





#27

cis-1,2-Dichloroethene

Concen: 3.797 ug/l

RT: 6.358 min Scan# 1803

Delta R.T. -0.010 min

Lab File: VR026737.D

Acq: 11 Aug 2025 13:26

Instrument :

MSVOA_R

ClientSampleId :

LOQ-WATER-02-QT2-2025

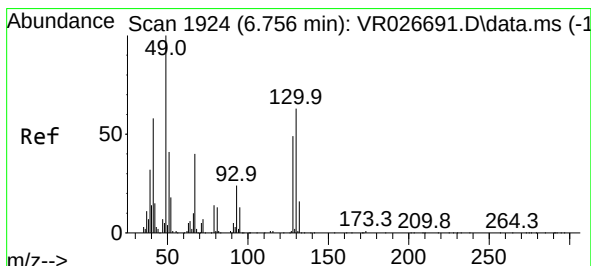
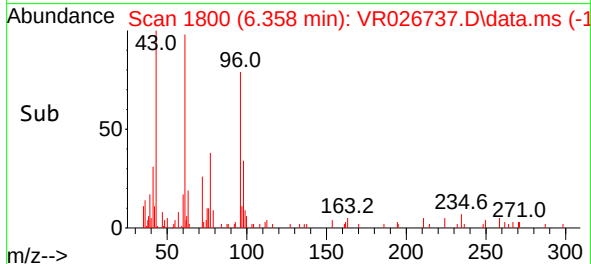
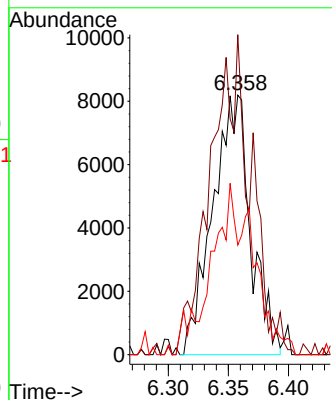
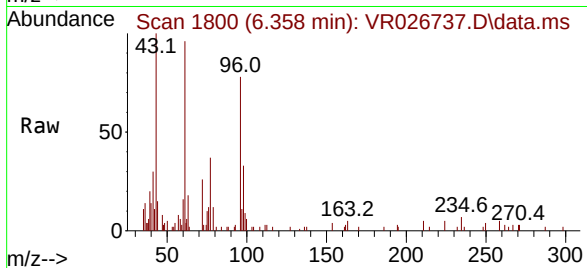
Tgt Ion: 96 Resp: 18023

Ion Ratio Lower Upper

96 100

61 76.9 0.0 279.8

98 25.9 0.0 125.2



#28

Bromochloromethane

Concen: 5.577 ug/l m

RT: 6.740 min Scan# 1919

Delta R.T. -0.016 min

Lab File: VR026737.D

Acq: 11 Aug 2025 13:26

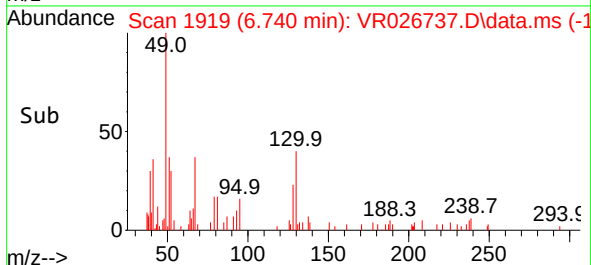
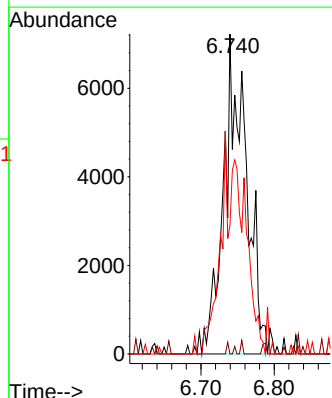
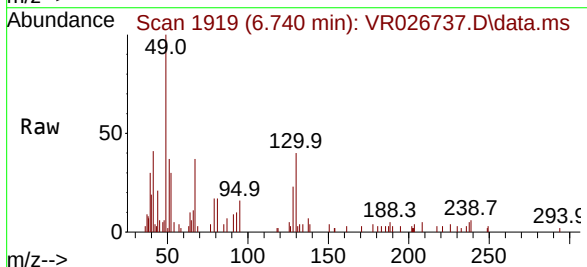
Tgt Ion: 49 Resp: 15748

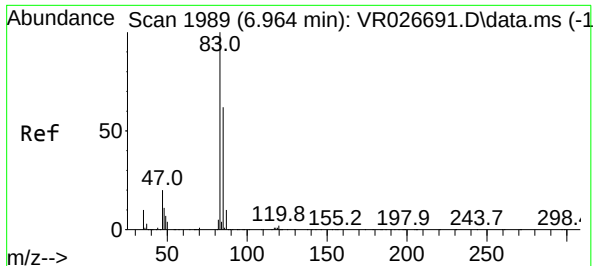
Ion Ratio Lower Upper

49 100

129 0.3 0.0 3.4

130 24.0 52.2 78.4#





#29

Chloroform

Concen: 4.649 ug/l m

RT: 6.951 min Scan# 1985

Delta R.T. -0.013 min

Lab File: VR026737.D

Acq: 11 Aug 2025 13:26

Instrument :

MSVOA_R

ClientSampleId :

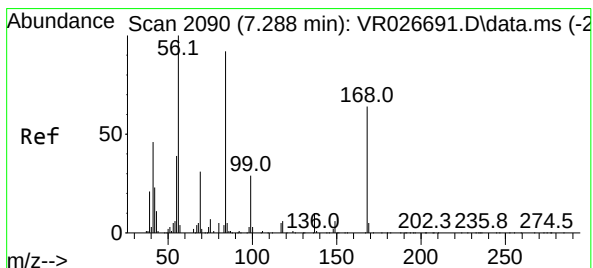
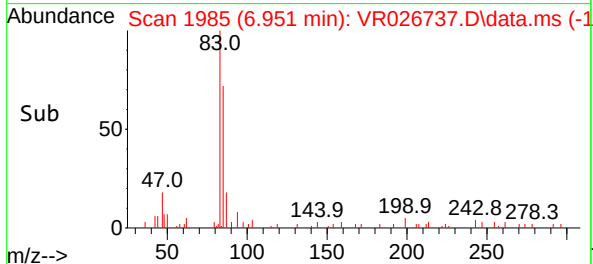
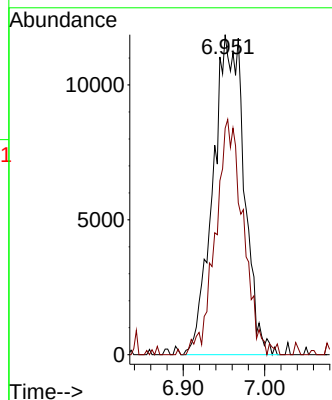
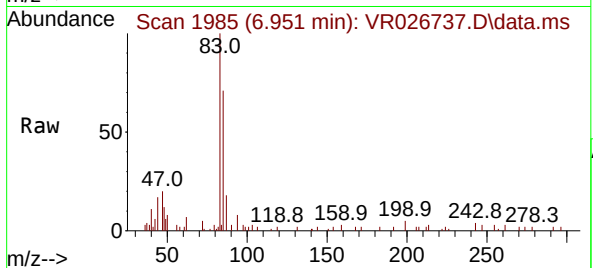
LOQ-WATER-02-QT2-2025

Tgt Ion: 83 Resp: 31551

Ion Ratio Lower Upper

83 100

85 70.7 49.6 74.4



#30

Cyclohexane

Concen: 4.130 ug/l

RT: 7.285 min Scan# 2089

Delta R.T. -0.003 min

Lab File: VR026737.D

Acq: 11 Aug 2025 13:26

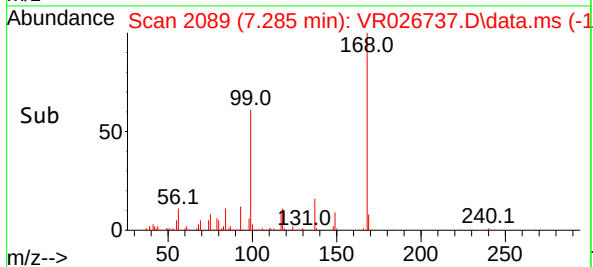
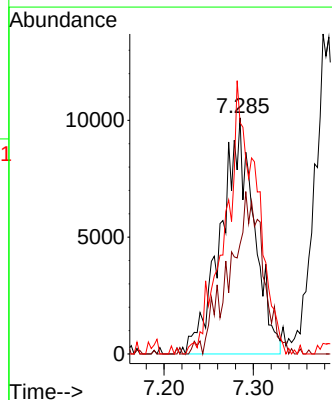
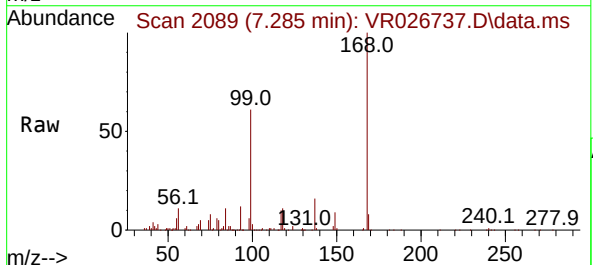
Tgt Ion: 56 Resp: 26131

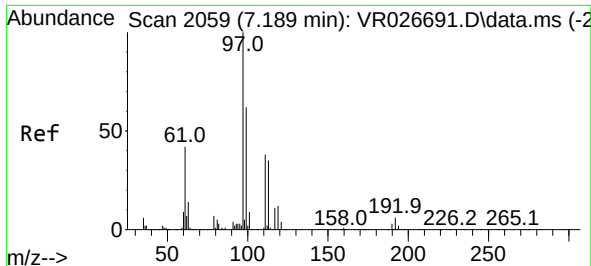
Ion Ratio Lower Upper

56 100

69 43.8 24.8 37.2#

84 97.9 73.1 109.7

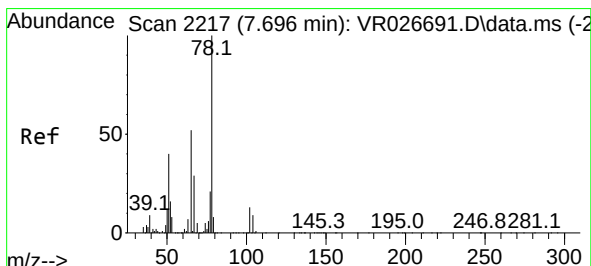
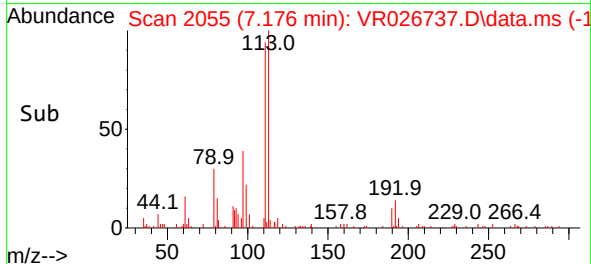
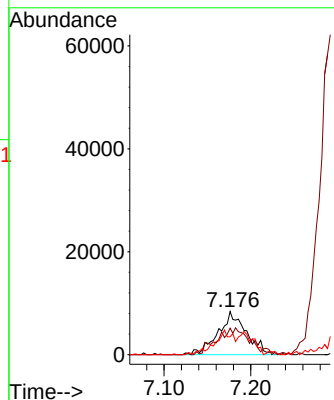
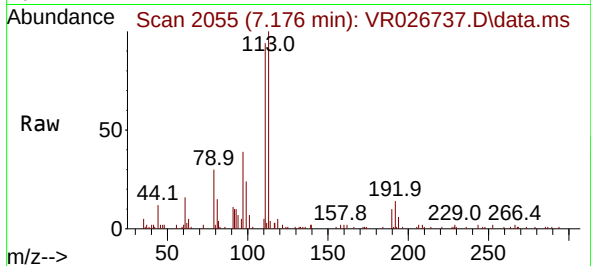




#31
 1,1,1-Trichloroethane
 Concen: 3.831 ug/l
 RT: 7.176 min Scan# 2055
 Delta R.T. -0.013 min
 Lab File: VR026737.D
 Acq: 11 Aug 2025 13:26

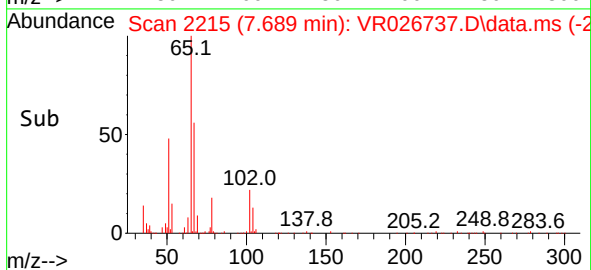
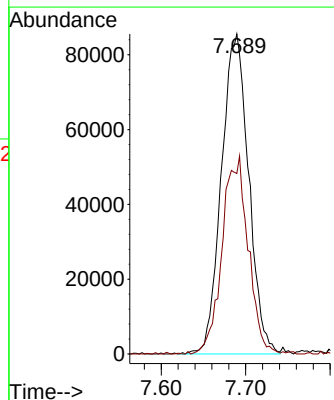
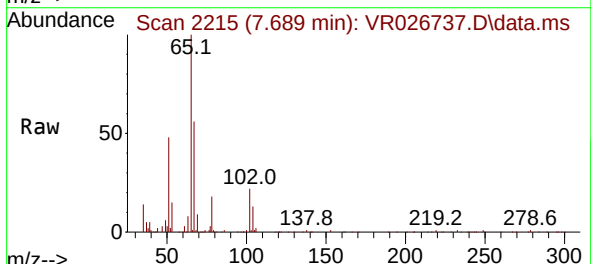
Instrument : MSVOA_R
 ClientSampleId : LOQ-WATER-02-QT2-2025

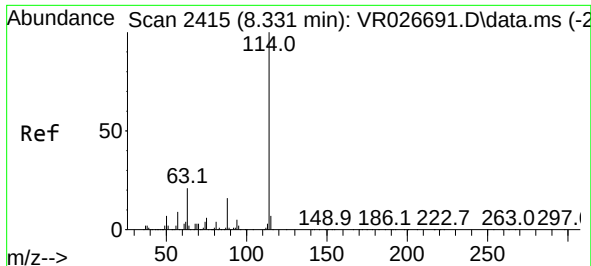
Tgt Ion: 97 Resp: 18785
 Ion Ratio Lower Upper
 97 100
 99 0.0 51.0 76.6#
 61 37.1 36.3 54.5



#32
 1,2-Dichloroethane-d4
 Concen: 47.963 ug/l
 RT: 7.689 min Scan# 2215
 Delta R.T. -0.006 min
 Lab File: VR026737.D
 Acq: 11 Aug 2025 13:26

Tgt Ion: 65 Resp: 191528
 Ion Ratio Lower Upper
 65 100
 67 59.0 0.0 118.4





#33

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.328 min Scan# 2414

Delta R.T. -0.003 min

Lab File: VR026737.D

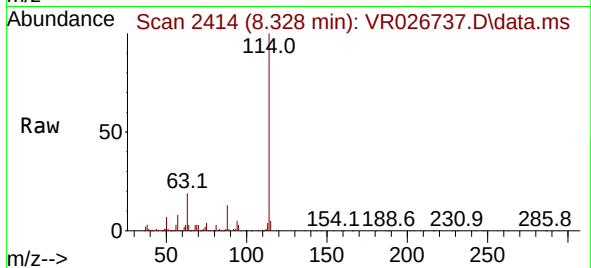
Acq: 11 Aug 2025 13:26

Instrument :

MSVOA_R

ClientSampleId :

LOQ-WATER-02-QT2-2025



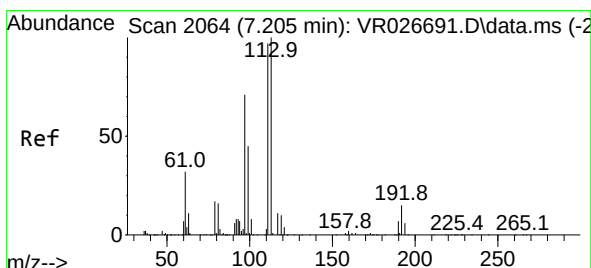
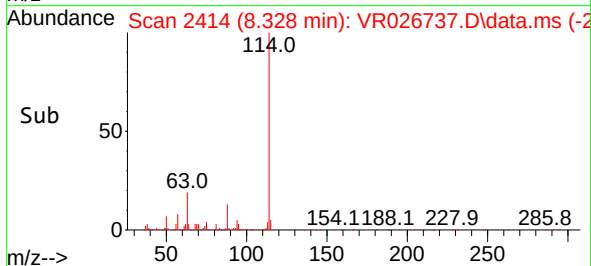
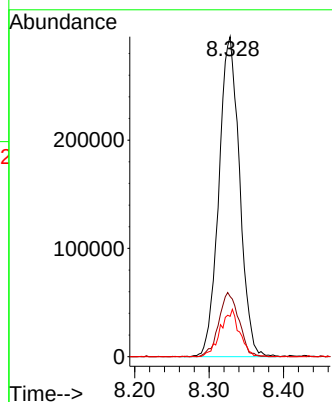
Tgt Ion:114 Resp: 571885

Ion Ratio Lower Upper

114 100

63 18.8 0.0 41.6

88 12.6 0.0 32.6



#34

Dibromofluoromethane

Concen: 46.179 ug/l

RT: 7.195 min Scan# 2061

Delta R.T. -0.010 min

Lab File: VR026737.D

Acq: 11 Aug 2025 13:26

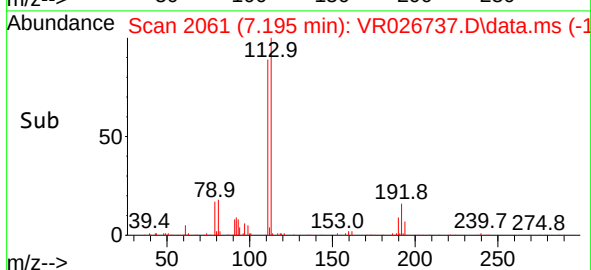
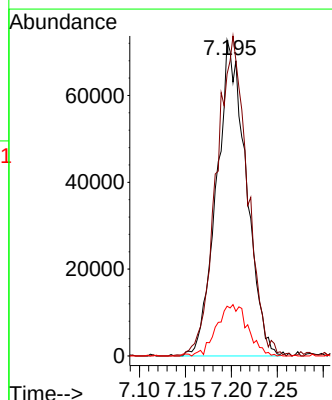
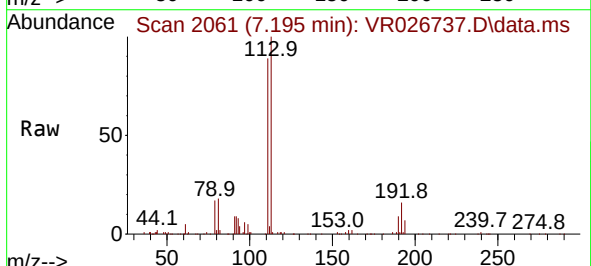
Tgt Ion:113 Resp: 163344

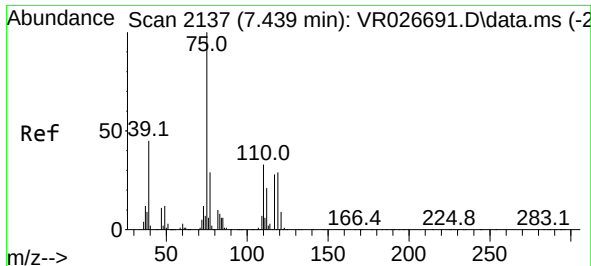
Ion Ratio Lower Upper

113 100

111 105.4 81.7 122.5

192 17.0 12.3 18.5

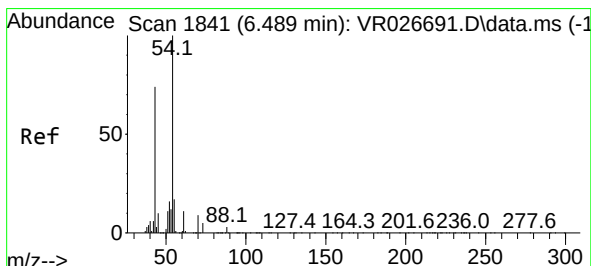
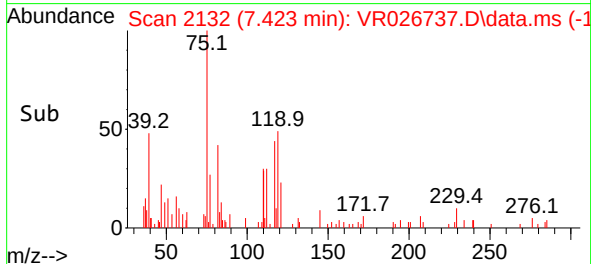
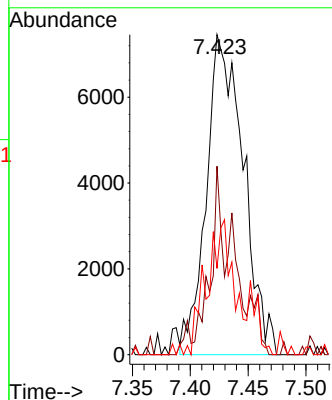
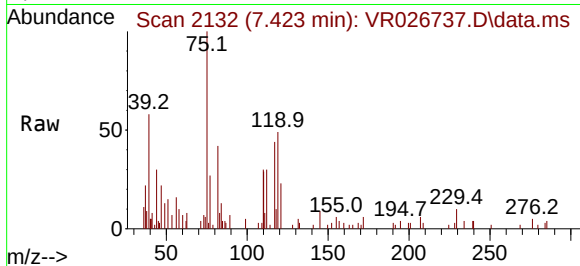




#35
 1,1-Dichloropropene
 Concen: 3.712 ug/l
 RT: 7.423 min Scan# 2137
 Delta R.T. -0.016 min
 Lab File: VR026737.D
 Acq: 11 Aug 2025 13:26

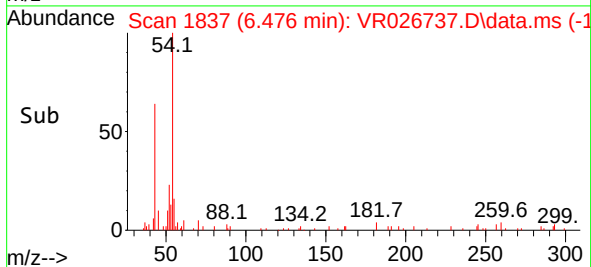
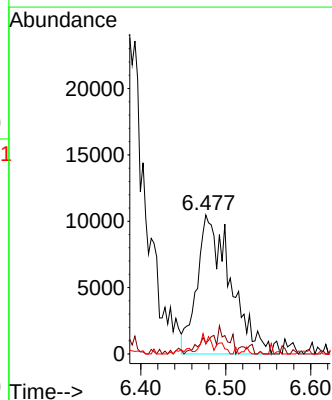
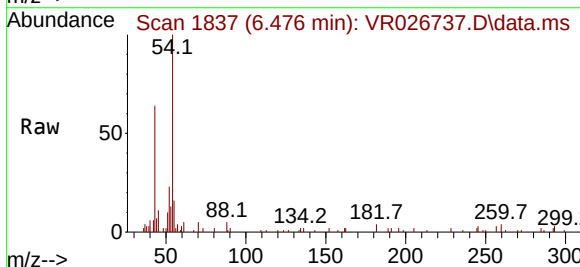
Instrument : MSVOA_R
 ClientSampleId : LOQ-WATER-02-QT2-2025

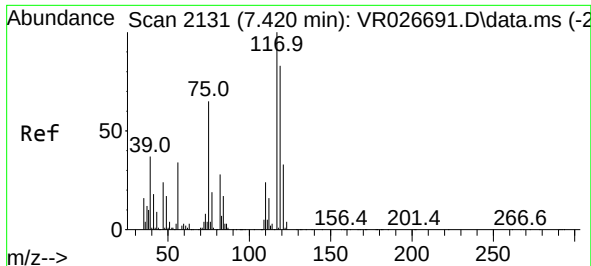
Tgt Ion: 75 Resp: 16564
 Ion Ratio Lower Upper
 75 100
 110 16.2 17.0 50.9#
 77 30.4 24.6 37.0



#36
 Ethyl Acetate
 Concen: 5.415 ug/l m
 RT: 6.476 min Scan# 1837
 Delta R.T. -0.013 min
 Lab File: VR026737.D
 Acq: 11 Aug 2025 13:26

Tgt Ion: 43 Resp: 28926
 Ion Ratio Lower Upper
 43 100
 61 3.2 12.0 18.0#
 70 4.0 9.0 13.6#

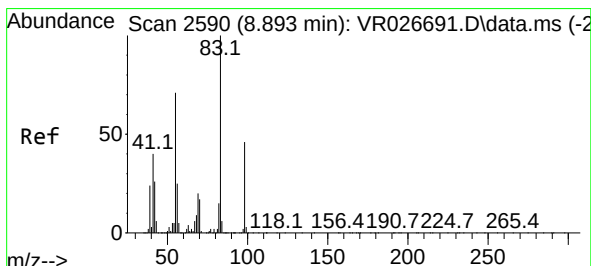
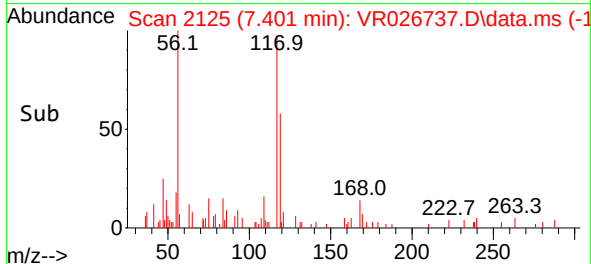
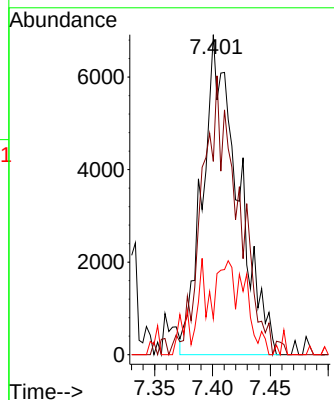
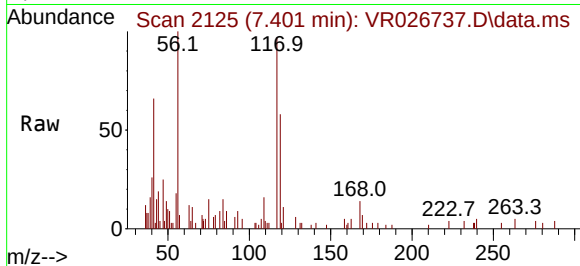




#37
Carbon Tetrachloride
Concen: 4.036 ug/l
RT: 7.401 min Scan# 2131
Delta R.T. -0.019 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

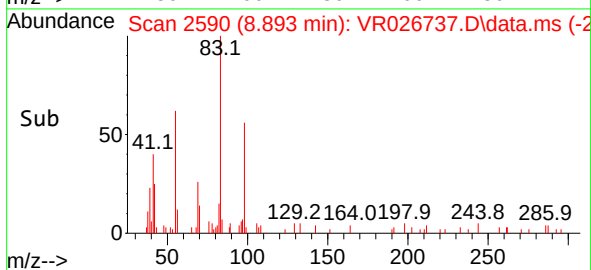
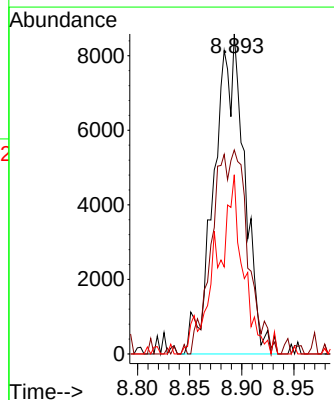
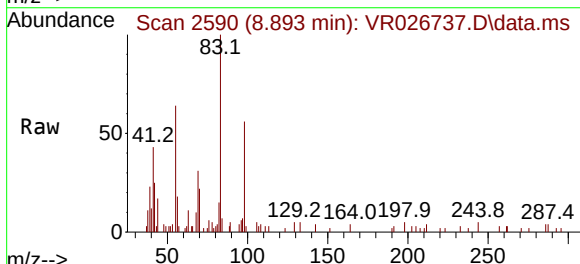
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025

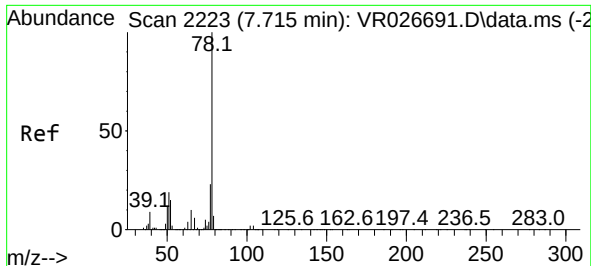
Tgt Ion:117	Resp:	14669
Ion	Ratio	Lower Upper
117	100	
119	56.5	67.0 100.4#
121	11.3	26.3 39.5#



#38
Methylcyclohexane
Concen: 3.417 ug/l m
RT: 8.893 min Scan# 2590
Delta R.T. -0.000 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

Tgt Ion: 83	Resp:	17453
Ion	Ratio	Lower Upper
83	100	
55	63.8	56.7 85.1
98	56.0	36.7 55.1#





#39

Benzene

Concen: 4.114 ug/l

RT: 7.705 min Scan# 21

Delta R.T. -0.010 min

Lab File: VR026737.D

Acq: 11 Aug 2025 13:26

Instrument :

MSVOA_R

ClientSampleId :

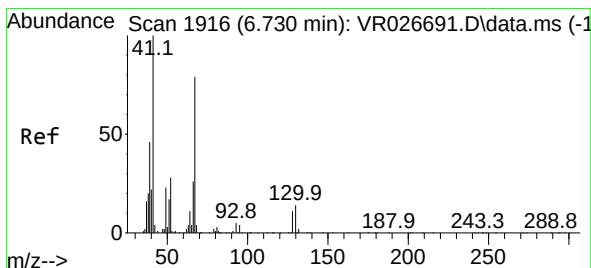
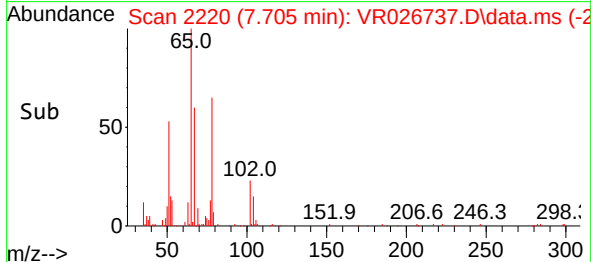
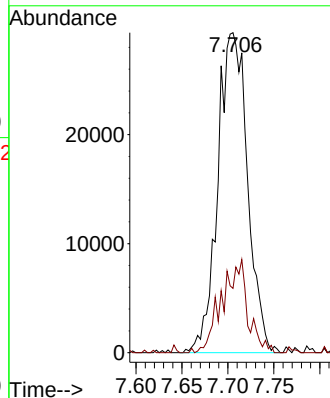
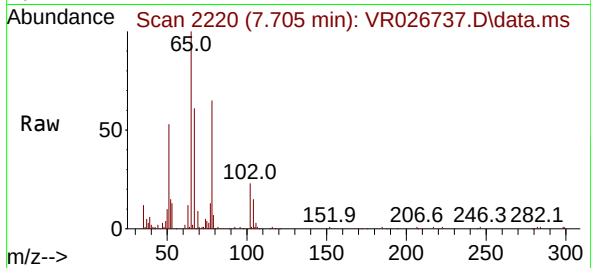
LOQ-WATER-02-QT2-2025

Tgt Ion: 78 Resp: 66114

Ion Ratio Lower Upper

78 100

77 20.1 18.8 28.2



#40

Methacrylonitrile

Concen: 4.571 ug/l m

RT: 6.717 min Scan# 1912

Delta R.T. -0.013 min

Lab File: VR026737.D

Acq: 11 Aug 2025 13:26

Tgt Ion: 41 Resp: 15176

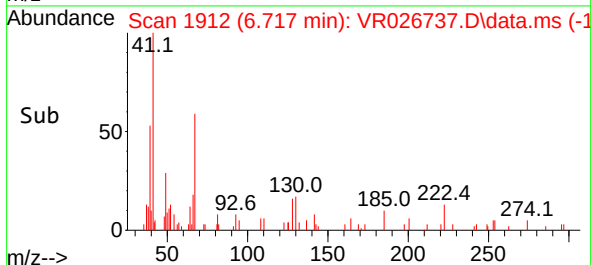
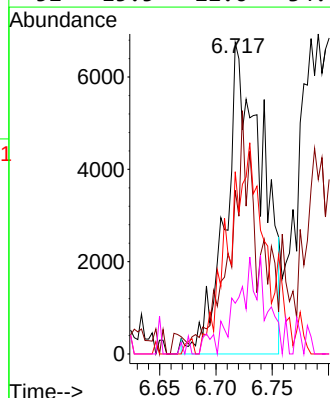
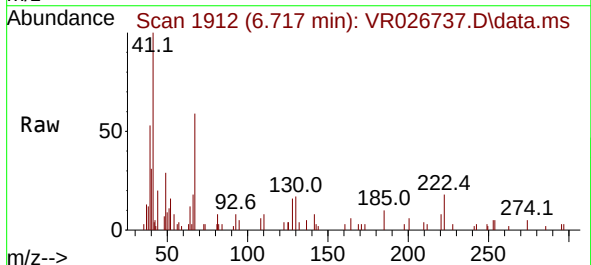
Ion Ratio Lower Upper

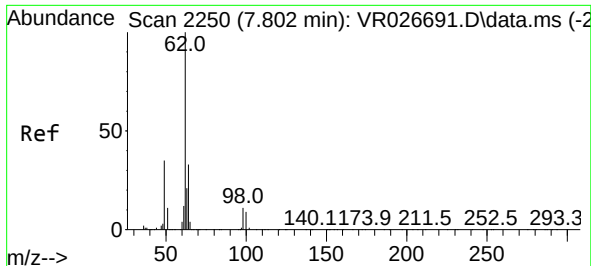
41 100

39 43.7 42.4 63.6

67 60.1 65.6 98.4#

52 15.5 22.6 34.0#

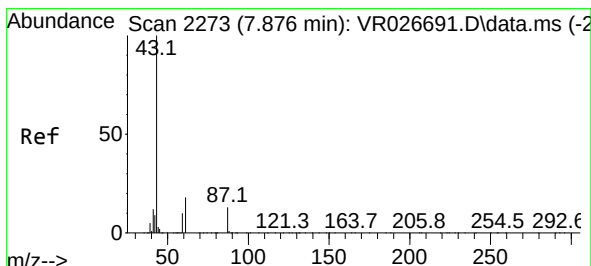
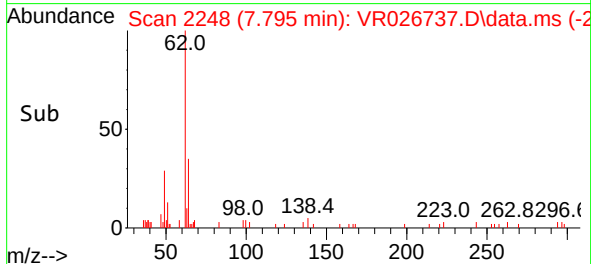
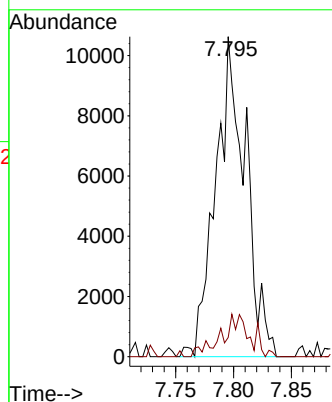
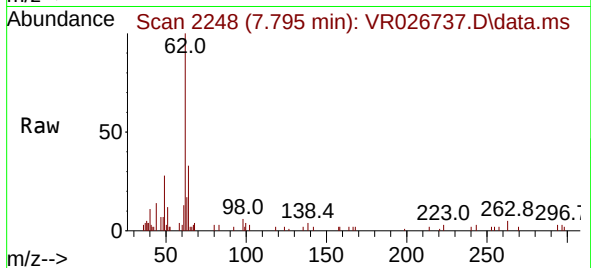




#41
1,2-Dichloroethane
Concen: 4.685 ug/l
RT: 7.795 min Scan# 21
Delta R.T. -0.006 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

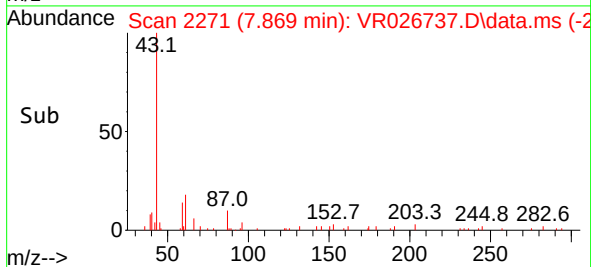
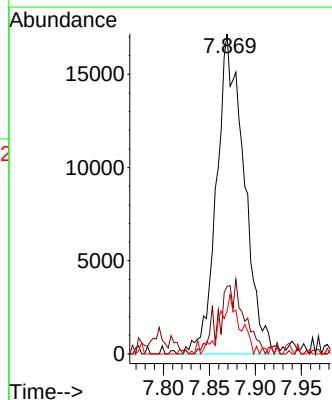
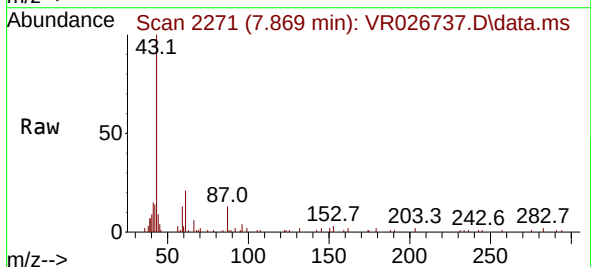
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT2-2025

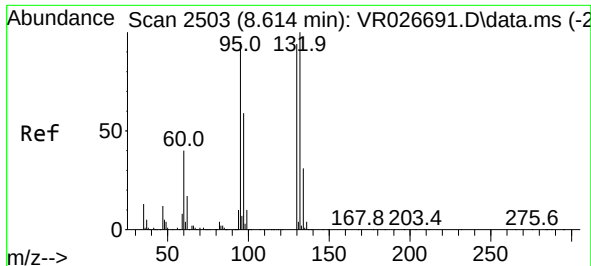
Tgt Ion: 62 Resp: 19151
Ion Ratio Lower Upper
62 100
98 5.7 0.0 22.2



#42
Isopropyl Acetate
Concen: 4.156 ug/l
RT: 7.869 min Scan# 2271
Delta R.T. -0.006 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

Tgt Ion: 43 Resp: 35696
Ion Ratio Lower Upper
43 100
61 7.1 17.9 26.9#
87 13.6 10.8 16.2





#43

Trichloroethene

Concen: 5.033 ug/l

RT: 8.601 min Scan# 2499

Delta R.T. -0.013 min

Lab File: VR026737.D

Acq: 11 Aug 2025 13:26

Instrument :

MSVOA_R

ClientSampleId :

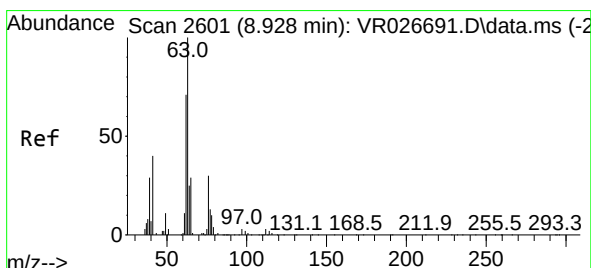
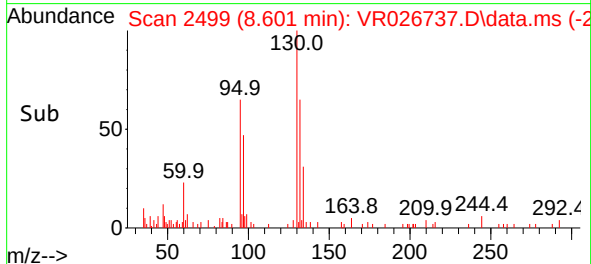
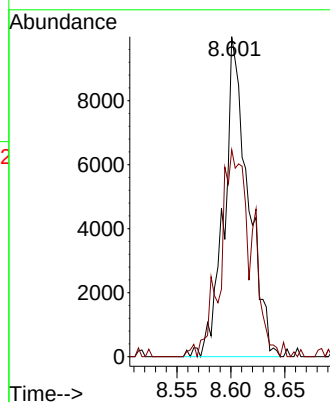
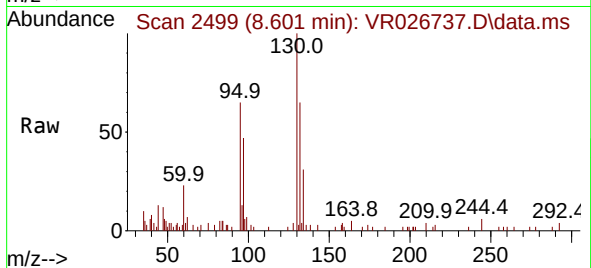
LOQ-WATER-02-QT2-2025

Tgt Ion:130 Resp: 15553

Ion Ratio Lower Upper

130 100

95 64.7 0.0 200.6



#44

1,2-Dichloropropane

Concen: 4.470 ug/l

RT: 8.918 min Scan# 2598

Delta R.T. -0.010 min

Lab File: VR026737.D

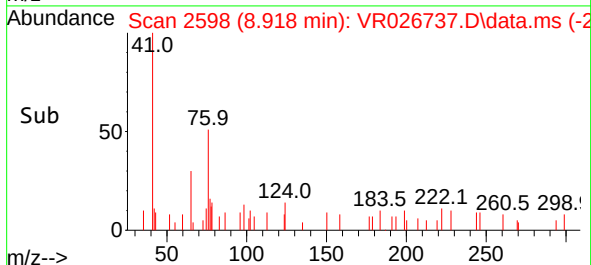
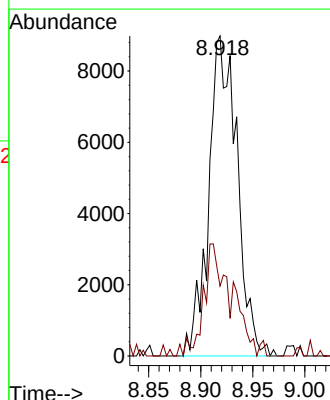
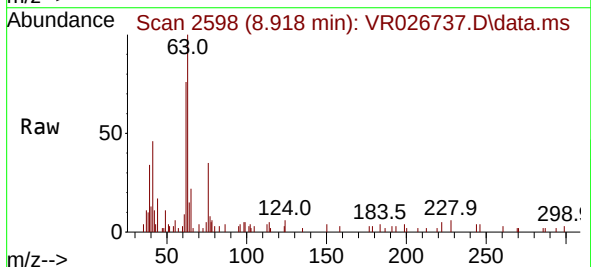
Acq: 11 Aug 2025 13:26

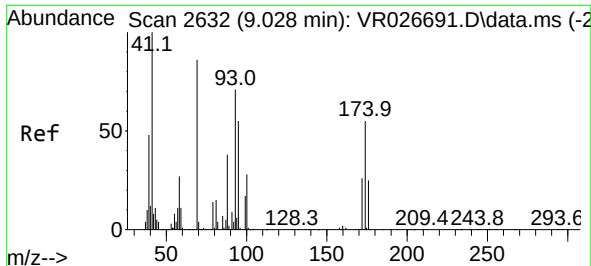
Tgt Ion: 63 Resp: 16998

Ion Ratio Lower Upper

63 100

65 21.8 23.8 35.8#

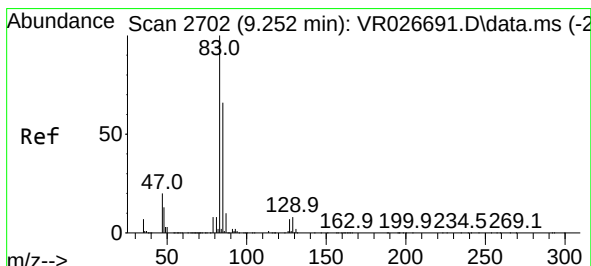
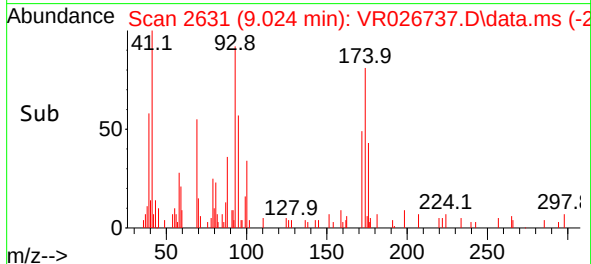
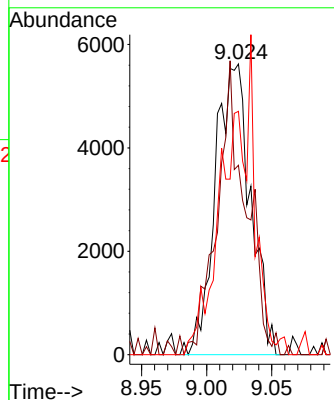
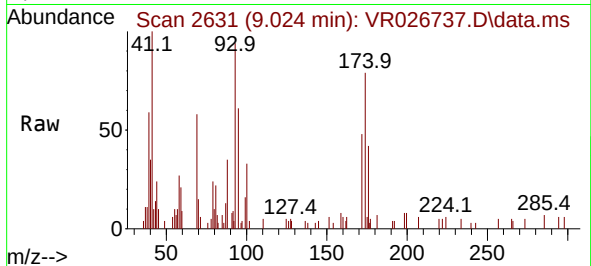




#45
Dibromomethane
Concen: 5.010 ug/l
RT: 9.024 min Scan# 20
Delta R.T. -0.003 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

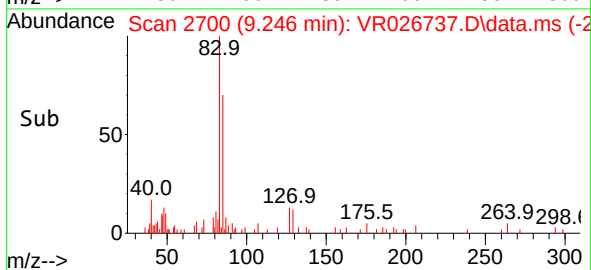
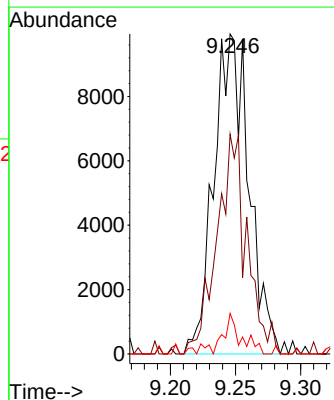
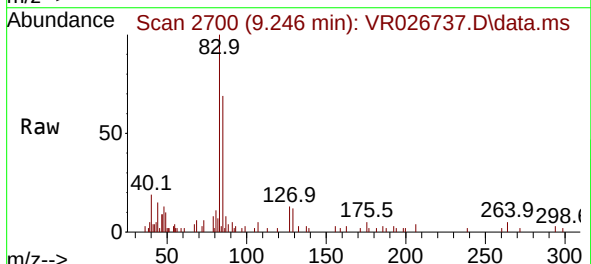
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT2-2025

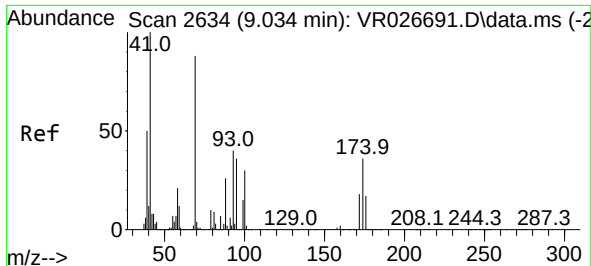
Tgt Ion: 93 Resp: 10596
Ion Ratio Lower Upper
93 100
95 81.9 69.4 104.0
174 65.3 66.9 100.3#



#46
Bromodichloromethane
Concen: 4.540 ug/l
RT: 9.246 min Scan# 2700
Delta R.T. -0.006 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

Tgt Ion: 83 Resp: 18603
Ion Ratio Lower Upper
83 100
85 68.6 52.6 78.8
127 12.7 5.5 8.3#

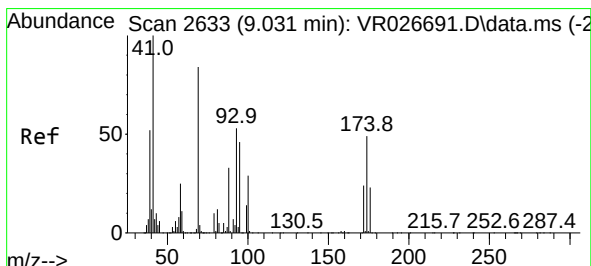
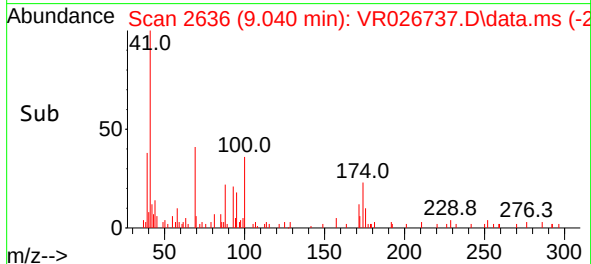
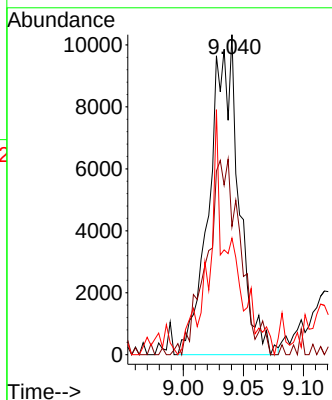
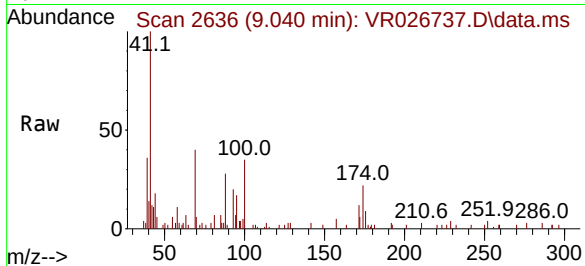




#47
Methyl methacrylate
Concen: 4.622 ug/l
RT: 9.040 min Scan# 2636
Delta R.T. 0.006 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

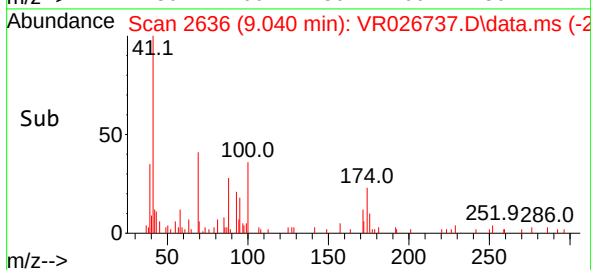
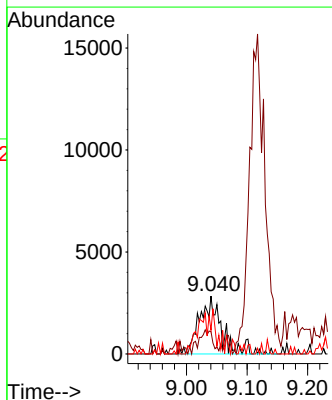
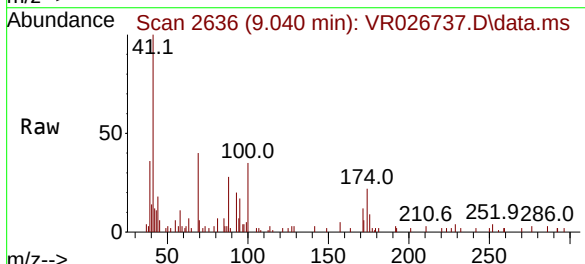
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT2-2025

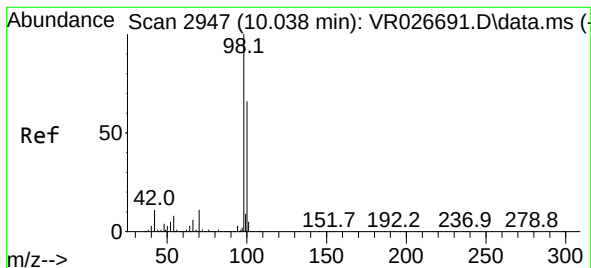
Tgt Ion: 41 Resp: 17378
Ion Ratio Lower Upper
41 100
69 67.8 69.8 104.6#
39 35.8 39.4 59.2#



#48
1,4-Dioxane
Concen: 117.472 ug/l m
RT: 9.040 min Scan# 2636
Delta R.T. 0.010 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

Tgt Ion: 88 Resp: 7114
Ion Ratio Lower Upper
88 100
43 0.0 25.2 37.8#
58 17.8 60.8 91.2#





#49

Toluene-d8

Concen: 52.299 ug/l

RT: 10.035 min Scan# 2947

Delta R.T. -0.003 min

Lab File: VR026737.D

Acq: 11 Aug 2025 13:26

Instrument :

MSVOA_R

ClientSampleId :

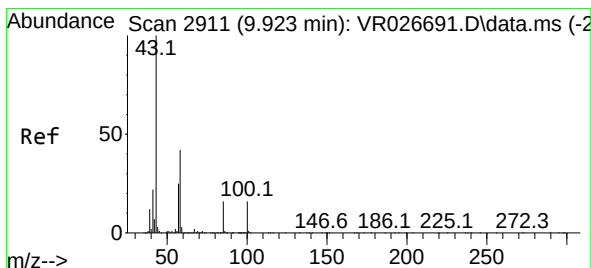
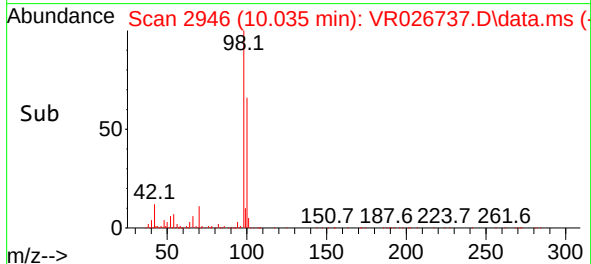
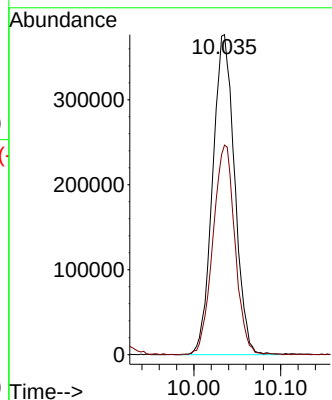
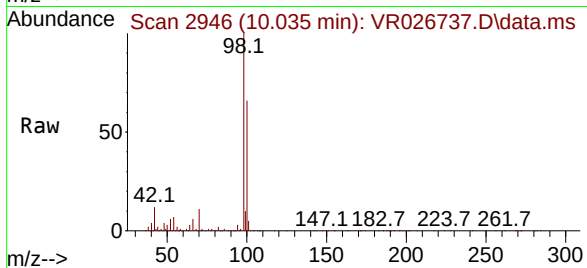
LOQ-WATER-02-QT2-2025

Tgt Ion: 98 Resp: 662751

Ion Ratio Lower Upper

98 100

100 65.7 53.9 80.9



#50

4-Methyl-2-Pentanone

Concen: 24.274 ug/l

RT: 9.920 min Scan# 2910

Delta R.T. -0.003 min

Lab File: VR026737.D

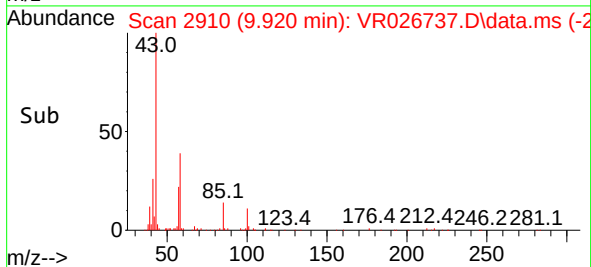
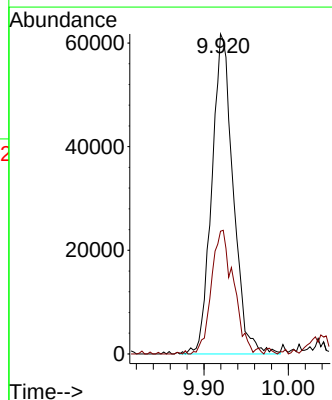
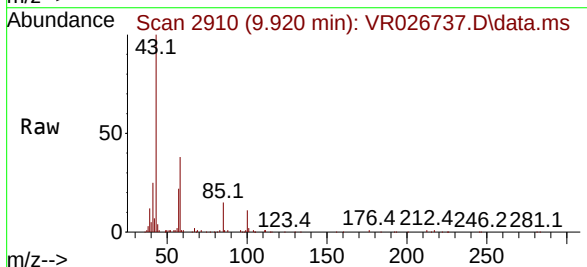
Acq: 11 Aug 2025 13:26

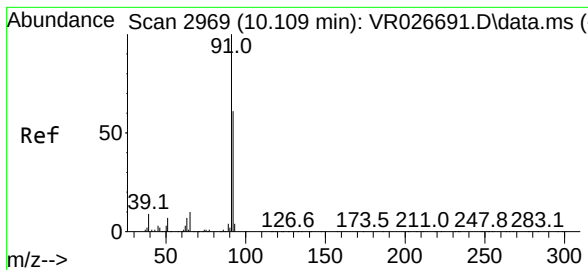
Tgt Ion: 43 Resp: 108856

Ion Ratio Lower Upper

43 100

58 39.9 33.7 50.5





#51

Toluene

Concen: 4.573 ug/l

RT: 10.109 min Scan# 2969

Delta R.T. -0.000 min

Lab File: VR026737.D

Acq: 11 Aug 2025 13:26

Instrument :

MSVOA_R

ClientSampleId :

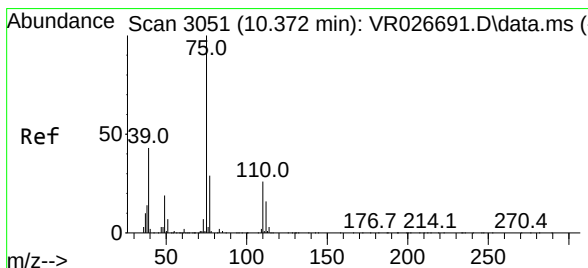
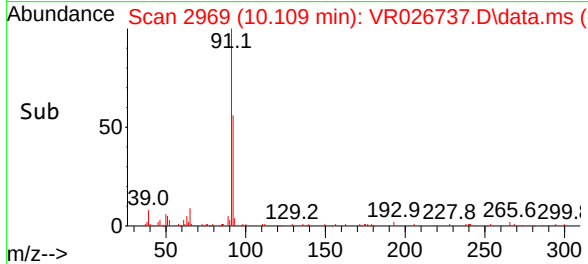
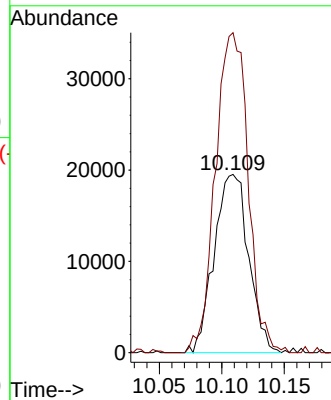
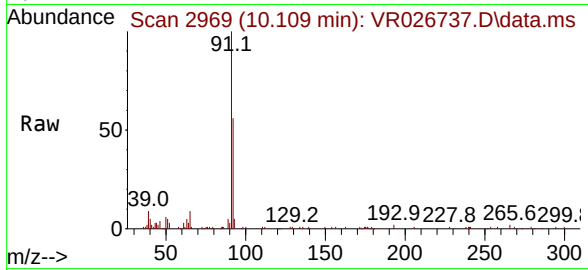
LOQ-WATER-02-QT2-2025

Tgt Ion: 92 Resp: 37511

Ion Ratio Lower Upper

92 100

91 170.4 137.8 206.6



#52

t-1,3-Dichloropropene

Concen: 3.209 ug/l

RT: 10.366 min Scan# 3049

Delta R.T. -0.006 min

Lab File: VR026737.D

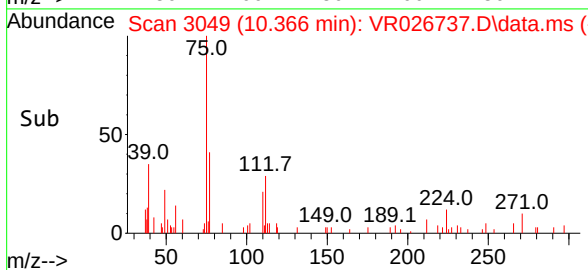
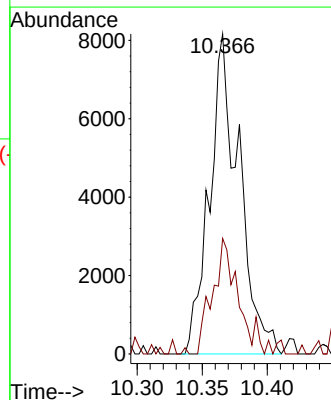
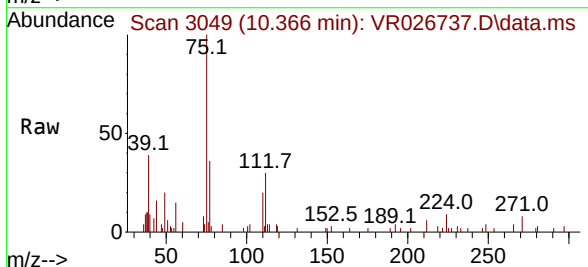
Acq: 11 Aug 2025 13:26

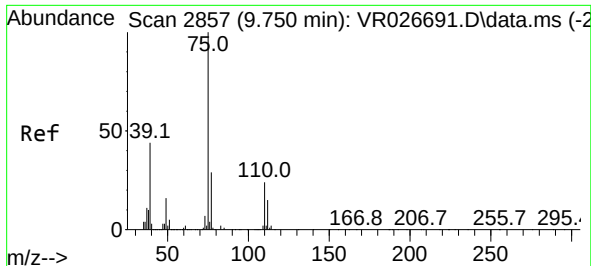
Tgt Ion: 75 Resp: 12889

Ion Ratio Lower Upper

75 100

77 36.1 23.4 35.2#

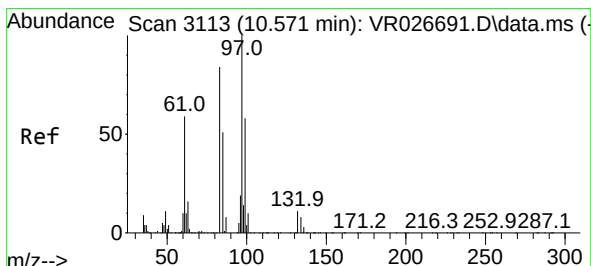
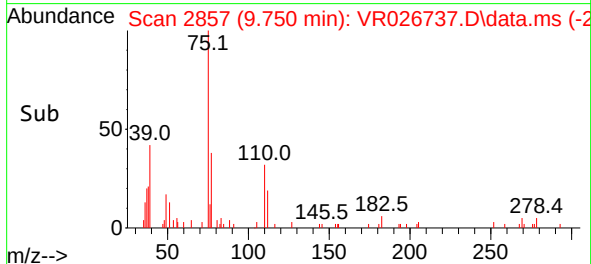
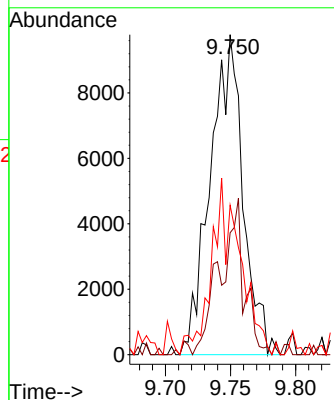
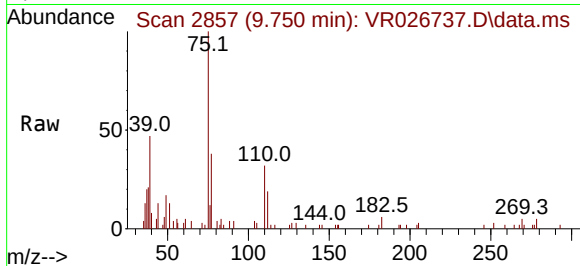




#53
 cis-1,3-Dichloropropene
 Concen: 3.559 ug/l
 RT: 9.750 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VR026737.D
 Acq: 11 Aug 2025 13:26

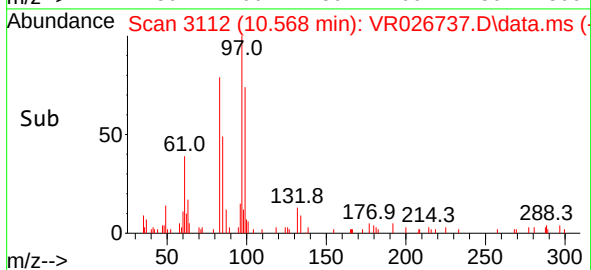
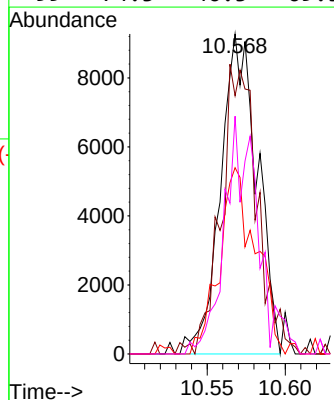
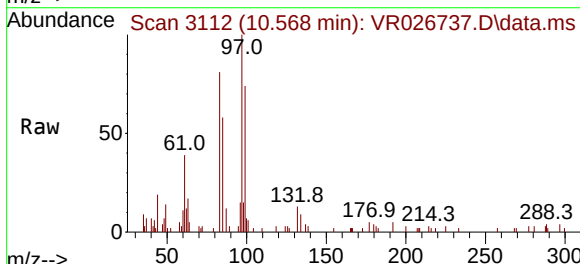
Instrument : MSVOA_R
 ClientSampleId : LOQ-WATER-02-QT2-2025

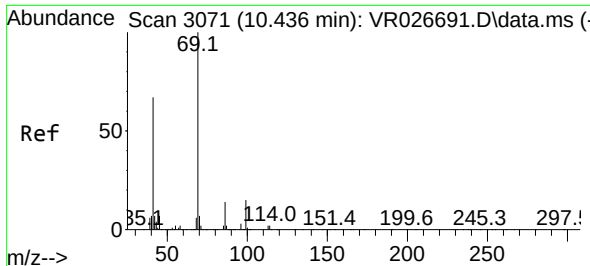
Tgt Ion:	75	Resp:	17143
Ion	Ratio	Lower	Upper
75	100		
77	38.1	22.9	34.3#
39	46.7	34.8	52.2



#54
 1,1,2-Trichloroethane
 Concen: 5.069 ug/l
 RT: 10.568 min Scan# 3112
 Delta R.T. -0.003 min
 Lab File: VR026737.D
 Acq: 11 Aug 2025 13:26

Tgt Ion:	97	Resp:	15186
Ion	Ratio	Lower	Upper
97	100		
83	77.2	67.4	101.2
85	58.2	40.4	60.6
99	74.3	46.3	69.5#

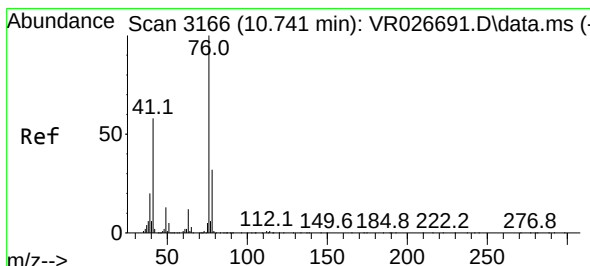
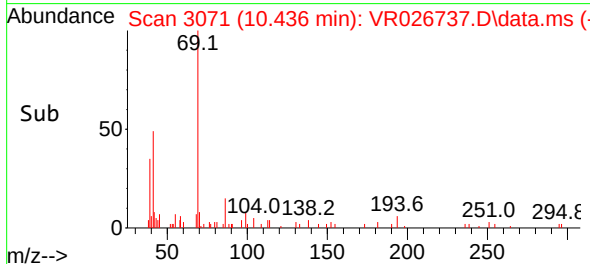
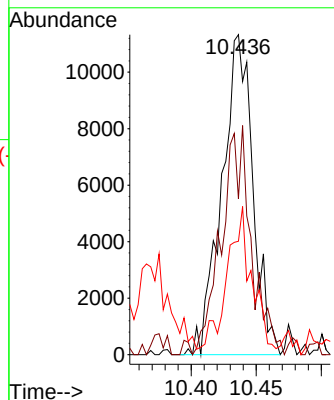
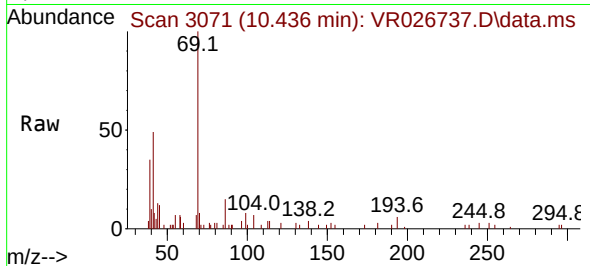




#55
Ethyl methacrylate
Concen: 3.793 ug/l
RT: 10.436 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

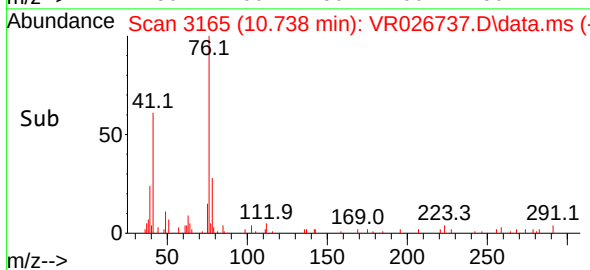
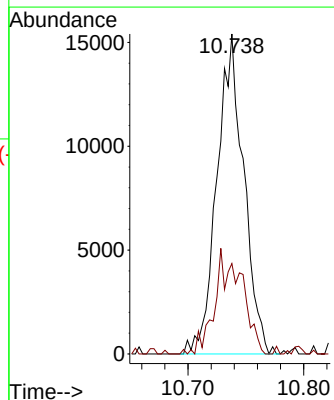
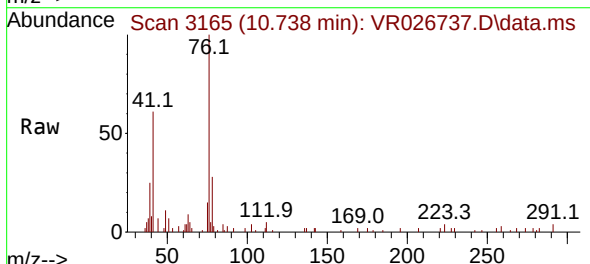
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025

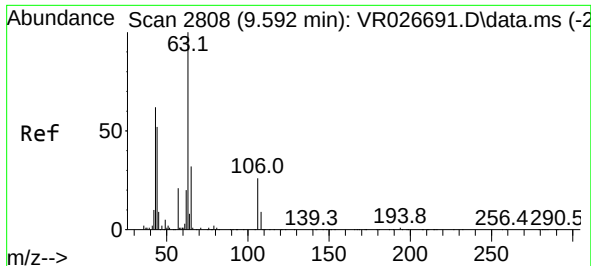
Tgt Ion:	69	Resp:	18763
Ion Ratio	Lower	Upper	
69	100		
41	68.2	51.5	77.3
39	34.3	24.7	37.1



#56
1,3-Dichloropropane
Concen: 4.852 ug/l
RT: 10.738 min Scan# 3165
Delta R.T. -0.003 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

Tgt Ion:	76	Resp:	24759
Ion Ratio	Lower	Upper	
76	100		
78	13.3	25.8	38.6#

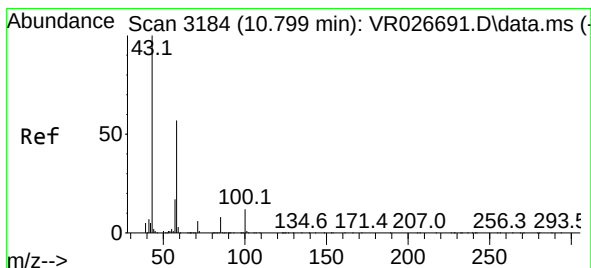
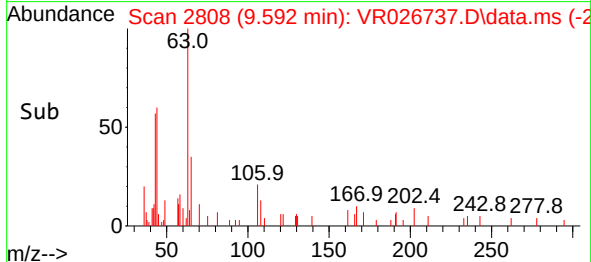
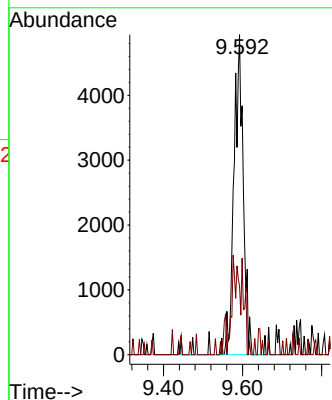
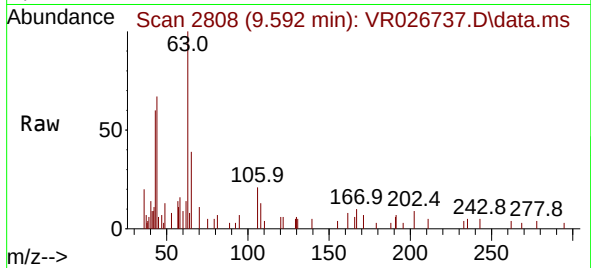




#57
2-Chloroethyl Vinyl ether
Concen: 30.815 ug/l m
RT: 9.592 min Scan# 21
Delta R.T. -0.000 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

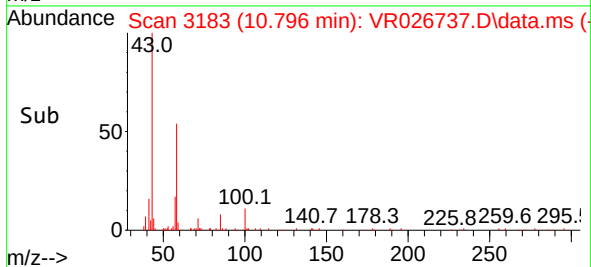
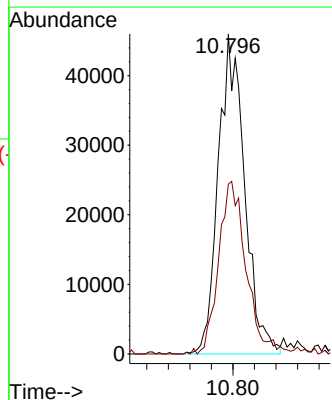
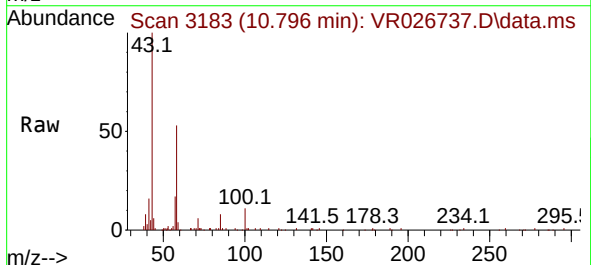
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT2-2025

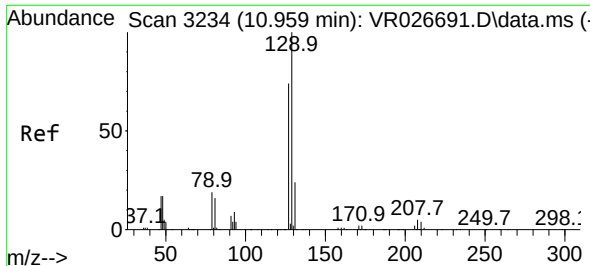
Tgt Ion: 63 Resp: 8425
Ion Ratio Lower Upper
63 100
106 1.0 22.5 33.7#



#58
2-Hexanone
Concen: 25.677 ug/l
RT: 10.796 min Scan# 3183
Delta R.T. -0.003 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

Tgt Ion: 43 Resp: 77626
Ion Ratio Lower Upper
43 100
58 56.5 28.8 86.4

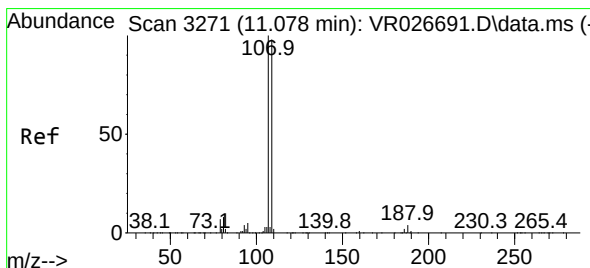
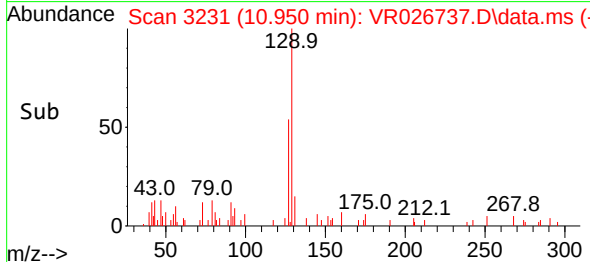
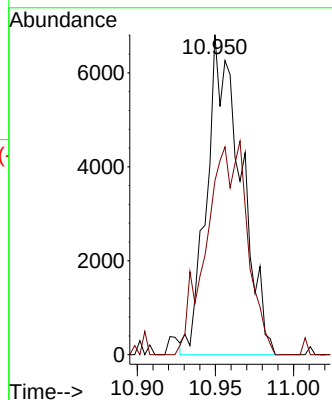
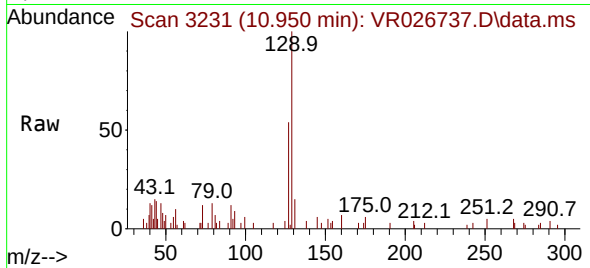




#59
Dibromochloromethane
Concen: 4.087 ug/l
RT: 10.950 min Scan# 31
Delta R.T. -0.010 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

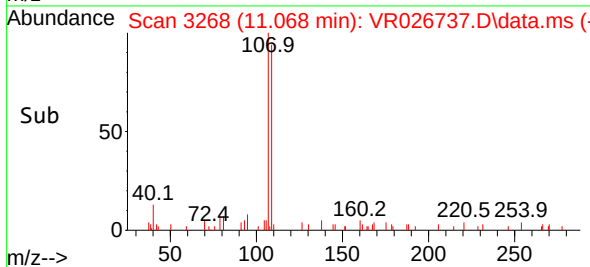
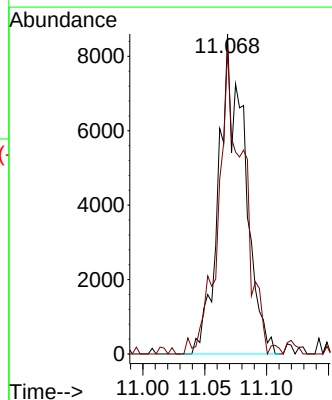
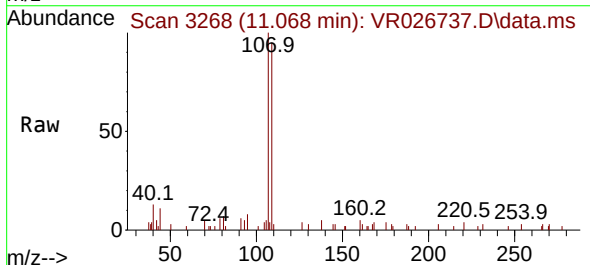
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT2-2025

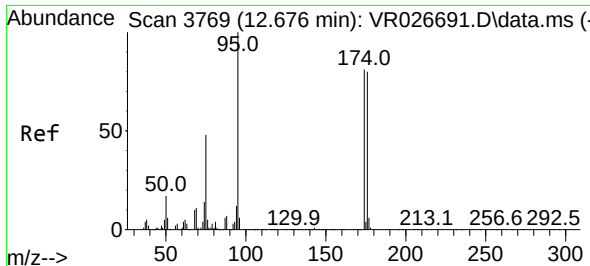
Tgt Ion:129 Resp: 10362
Ion Ratio Lower Upper
129 100
127 48.3 38.9 116.6



#60
1,2-Dibromoethane
Concen: 4.883 ug/l m
RT: 11.068 min Scan# 3268
Delta R.T. -0.010 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

Tgt Ion:107 Resp: 12591
Ion Ratio Lower Upper
107 100
109 92.5 75.9 113.9

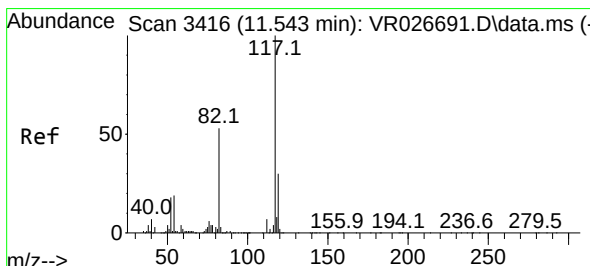
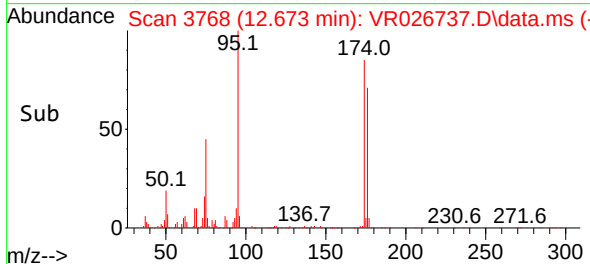
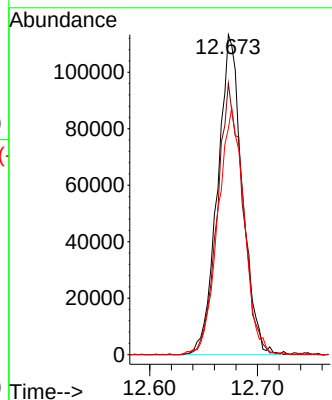
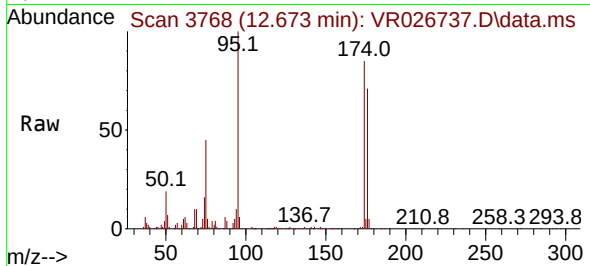




#61
4-Bromofluorobenzene
Concen: 50.120 ug/l
RT: 12.673 min Scan# 31
Delta R.T. -0.003 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

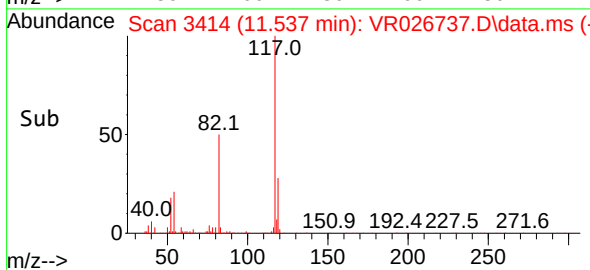
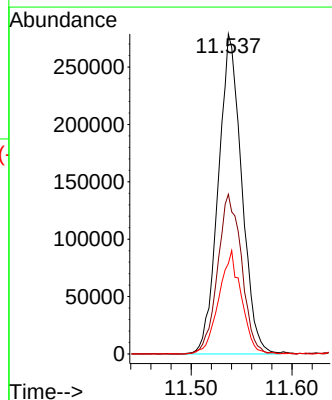
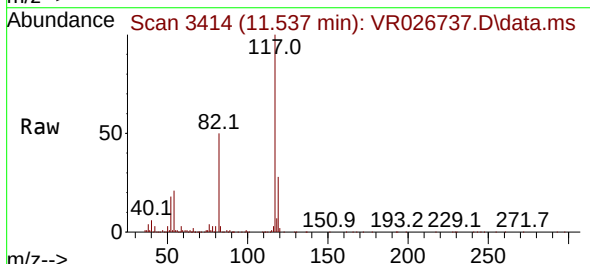
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT2-2025

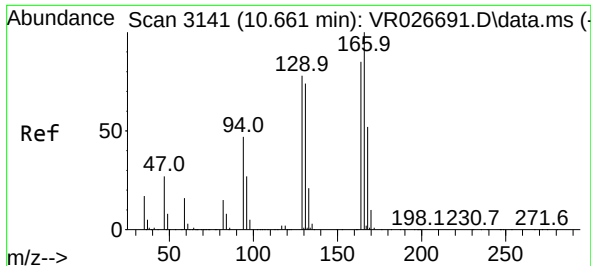
Tgt Ion: 95 Resp: 180652
Ion Ratio Lower Upper
95 100
174 87.4 0.0 158.4
176 81.9 0.0 149.0



#62
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.537 min Scan# 3414
Delta R.T. -0.006 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

Tgt Ion: 117 Resp: 449394
Ion Ratio Lower Upper
117 100
82 49.9 42.0 63.0
119 28.2 23.9 35.9

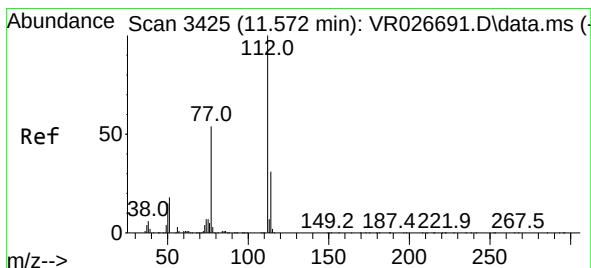
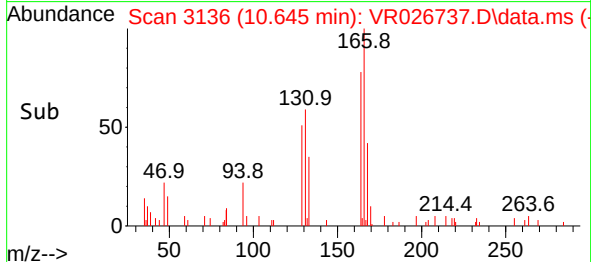
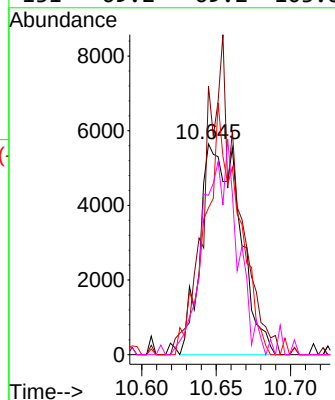
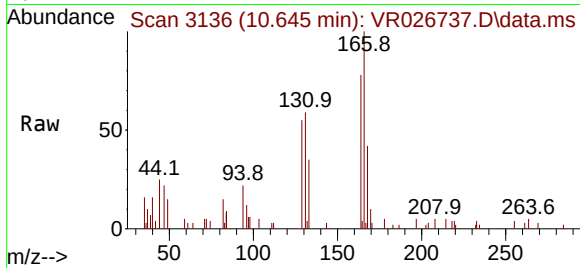




#63
Tetrachloroethene
Concen: 4.288 ug/l
RT: 10.645 min Scan# 3136
Delta R.T. -0.016 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

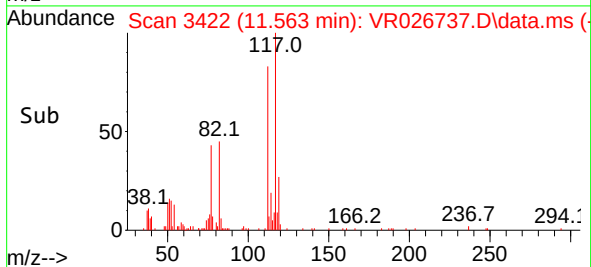
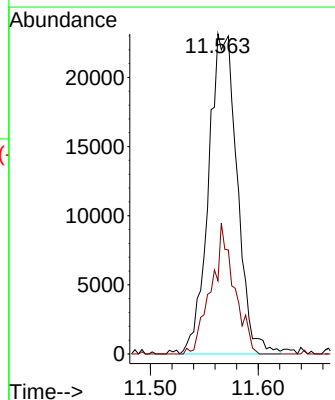
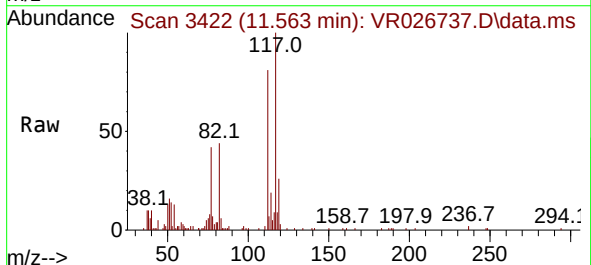
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025

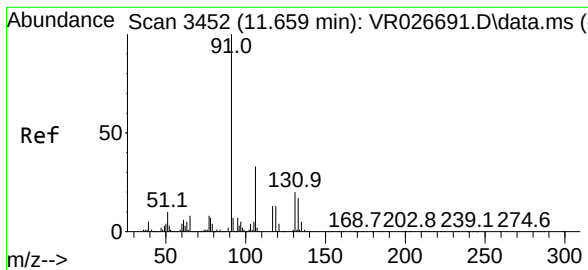
Tgt Ion:	164	Resp:	10526
Ion Ratio	Lower	Upper	
164	100		
166	127.4	93.7	140.5
129	69.7	73.4	110.2#
131	69.2	69.2	103.8#



#64
Chlorobenzene
Concen: 4.567 ug/l
RT: 11.563 min Scan# 3422
Delta R.T. -0.010 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

Tgt Ion:	112	Resp:	42714
Ion Ratio	Lower	Upper	
112	100		
114	22.9	25.0	37.6#

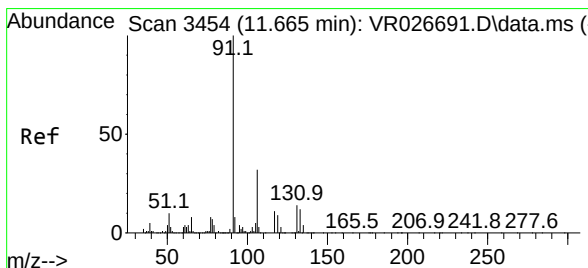
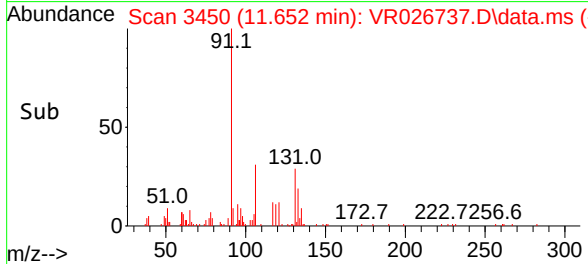
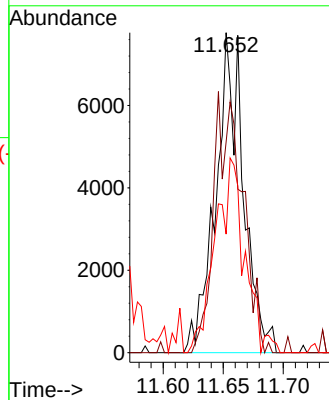
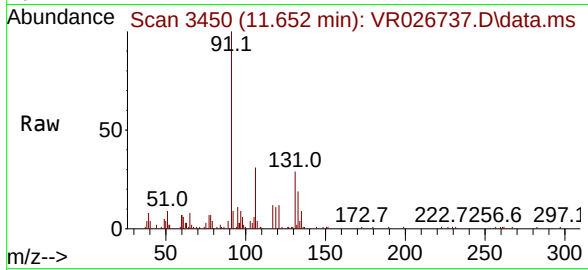




#65
 1,1,1,2-Tetrachloroethane
 Concen: 4.872 ug/l
 RT: 11.652 min Scan# 3450
 Delta R.T. -0.006 min
 Lab File: VR026737.D
 Acq: 11 Aug 2025 13:26

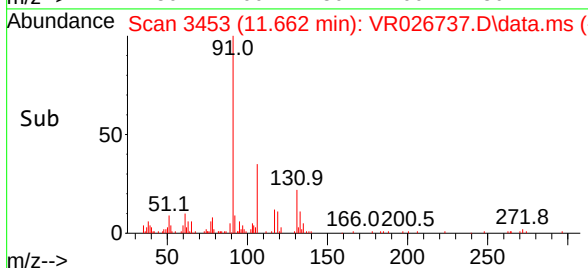
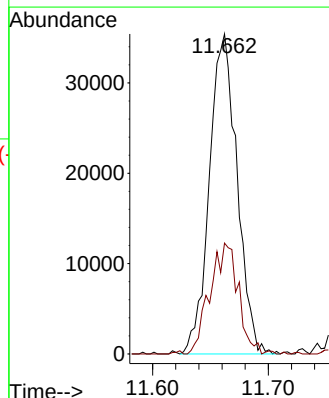
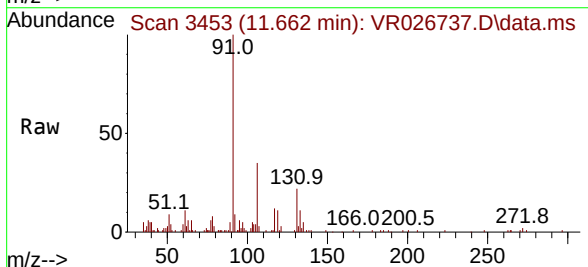
Instrument : MSVOA_R
 ClientSampleId : LOQ-WATER-02-QT2-2025

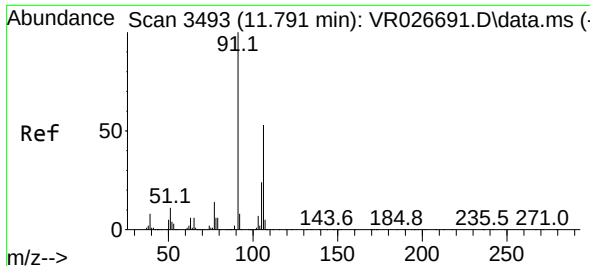
Tgt Ion:131 Resp: 12445
 Ion Ratio Lower Upper
 131 100
 133 30.9 46.2 138.5#
 119 63.4 35.7 107.1



#66
 Ethyl Benzene
 Concen: 3.770 ug/l
 RT: 11.662 min Scan# 3453
 Delta R.T. -0.003 min
 Lab File: VR026737.D
 Acq: 11 Aug 2025 13:26

Tgt Ion: 91 Resp: 58877
 Ion Ratio Lower Upper
 91 100
 106 34.7 25.4 38.0

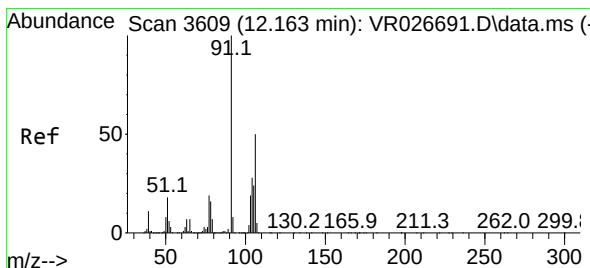
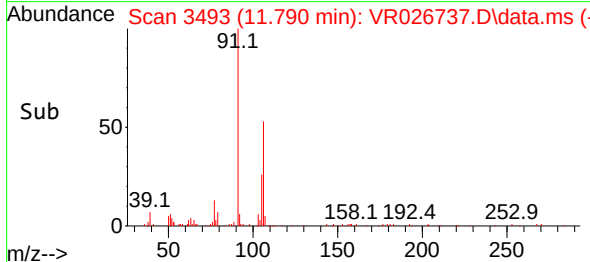
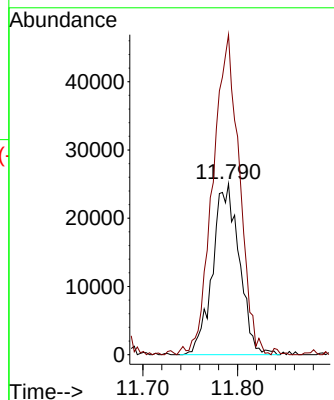
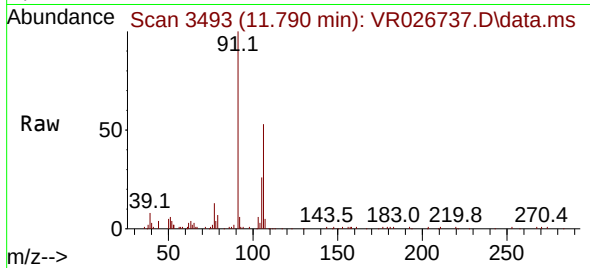




#67
m/p-Xylenes
Concen: 7.833 ug/l
RT: 11.790 min Scan# 3493
Delta R.T. -0.000 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

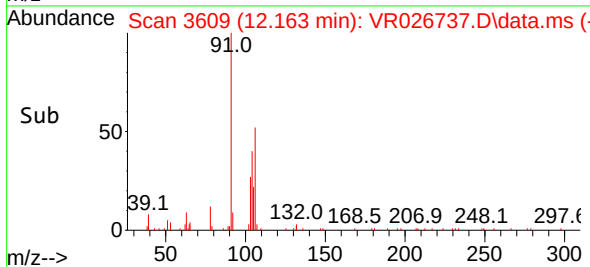
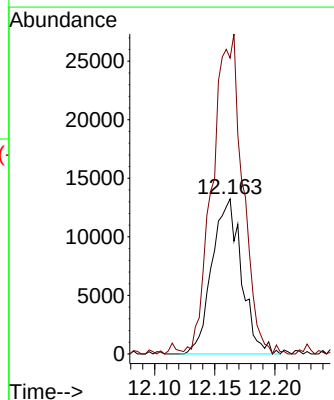
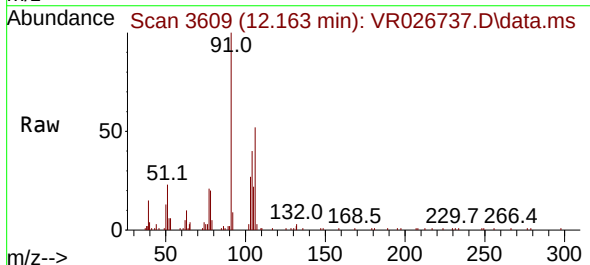
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025

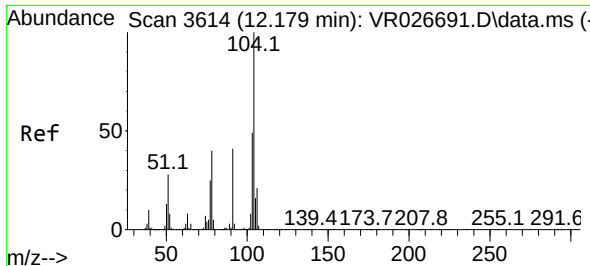
Tgt Ion:106 Resp: 48871
Ion Ratio Lower Upper
106 100
91 186.8 146.8 220.2



#68
o-Xylene
Concen: 3.731 ug/l
RT: 12.163 min Scan# 3609
Delta R.T. -0.000 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

Tgt Ion:106 Resp: 22595
Ion Ratio Lower Upper
106 100
91 211.1 97.9 293.6

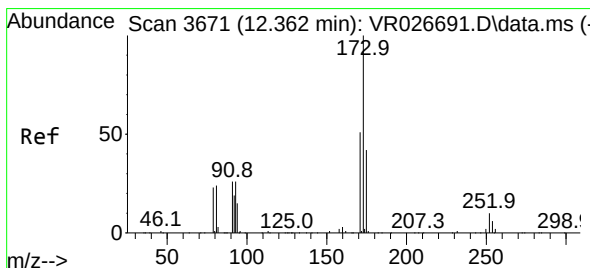
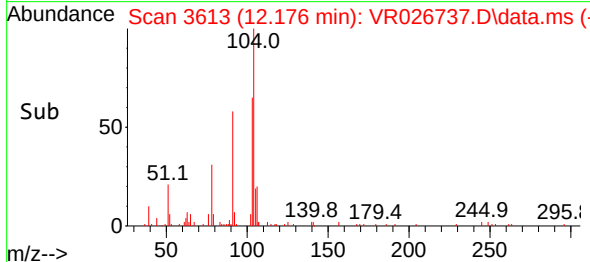
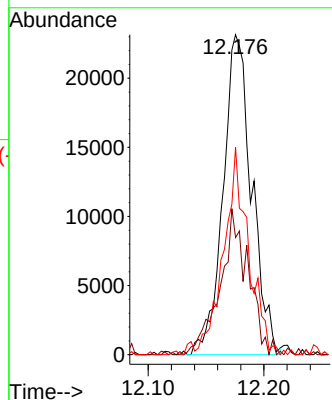
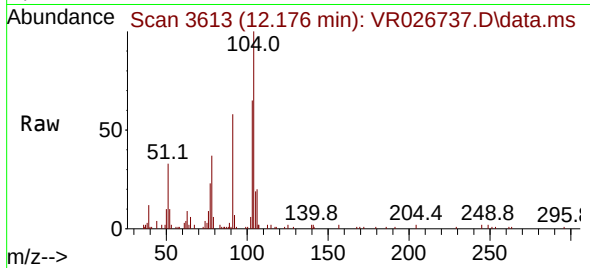




#69
Styrene
Concen: 3.942 ug/l
RT: 12.176 min Scan# 3613
Delta R.T. -0.003 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

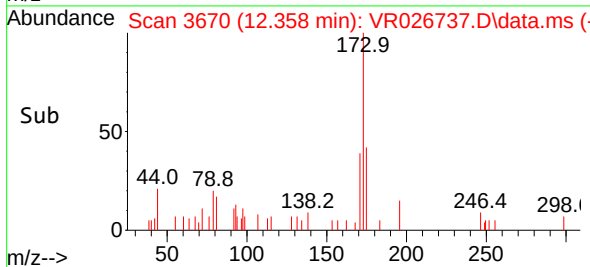
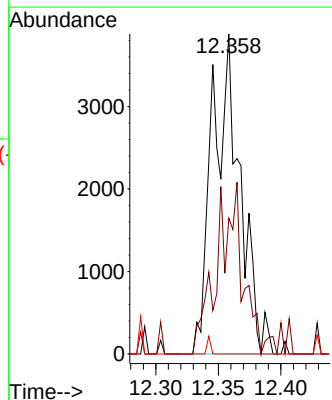
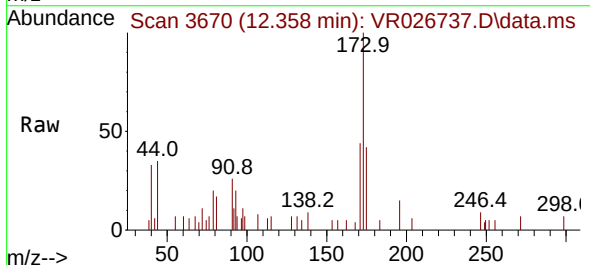
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT2-2025

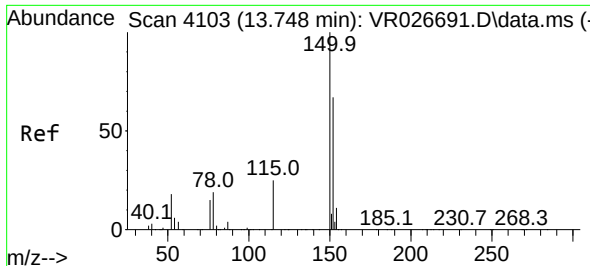
Tgt Ion:104 Resp: 39897
Ion Ratio Lower Upper
104 100
78 44.7 34.5 51.7
103 56.1 43.2 64.8



#70
Bromoform
Concen: 4.130 ug/l m
RT: 12.358 min Scan# 3670
Delta R.T. -0.003 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

Tgt Ion:173 Resp: 5971
Ion Ratio Lower Upper
173 100
175 21.5 23.6 71.0#
254 0.0 0.1 0.1#

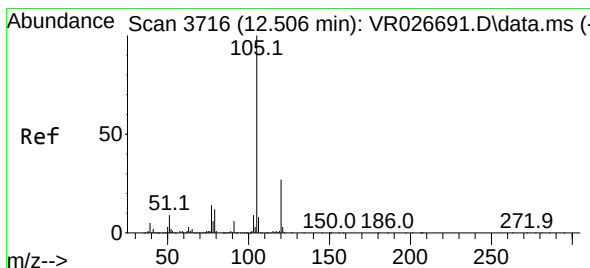
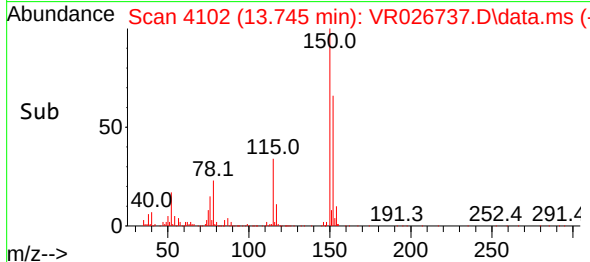
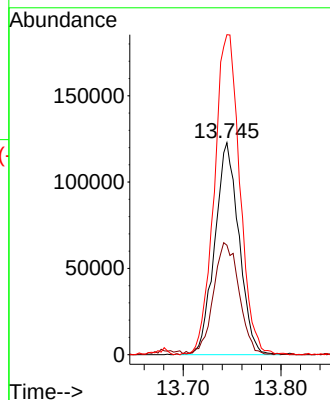
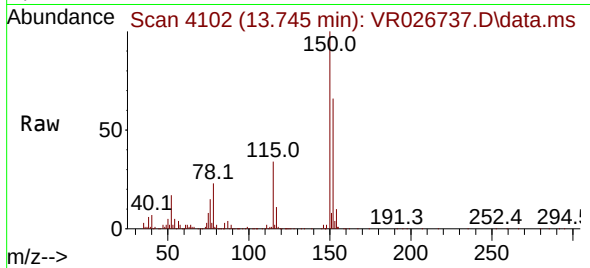




#71
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.745 min Scan# 4103
Delta R.T. -0.003 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

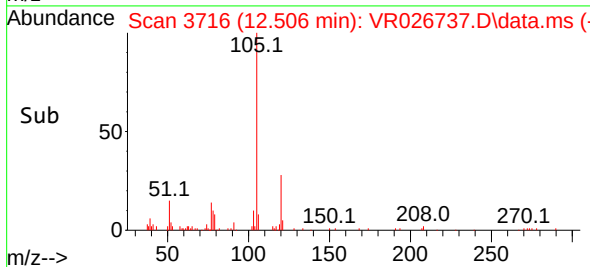
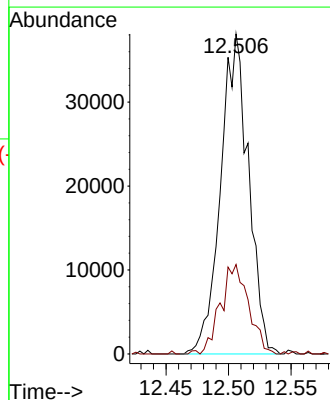
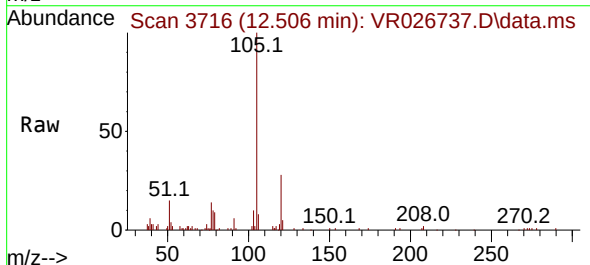
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025

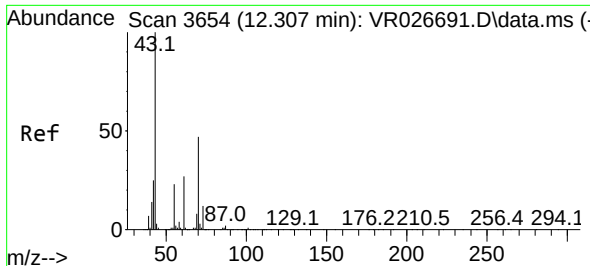
Tgt Ion:152 Resp: 211123
Ion Ratio Lower Upper
152 100
115 56.1 27.8 83.4
150 159.8 0.0 350.4



#72
Isopropylbenzene
Concen: 3.939 ug/l
RT: 12.506 min Scan# 3716
Delta R.T. -0.000 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

Tgt Ion:105 Resp: 59274
Ion Ratio Lower Upper
105 100
120 28.1 14.2 42.8

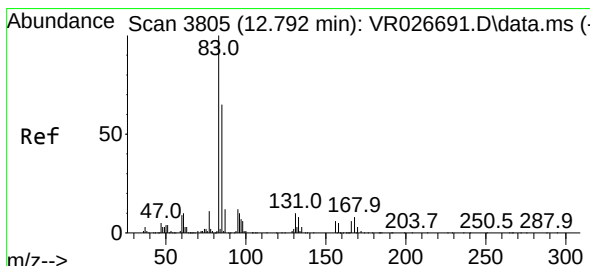
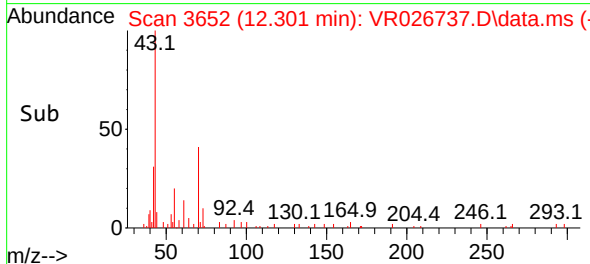
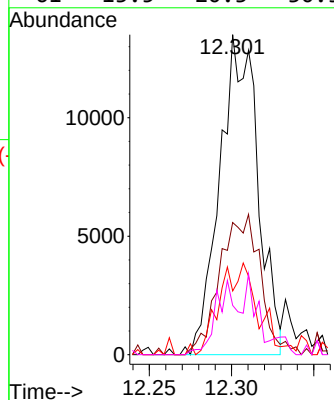
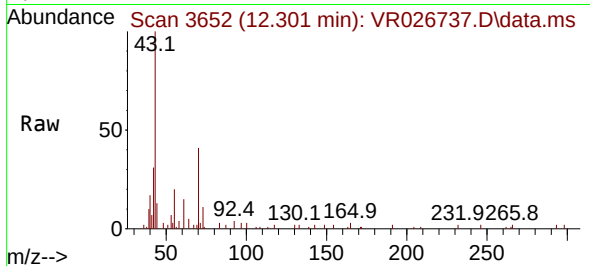




#73
N-amy1 acetate
Concen: 3.638 ug/l
RT: 12.301 min Scan# 301
Delta R.T. -0.006 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

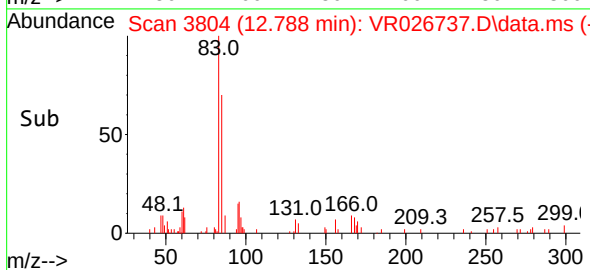
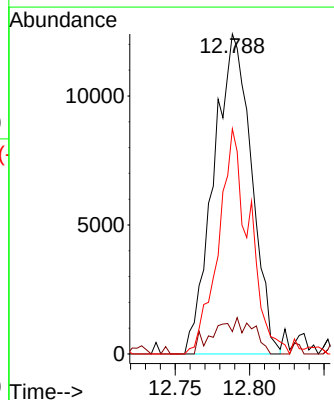
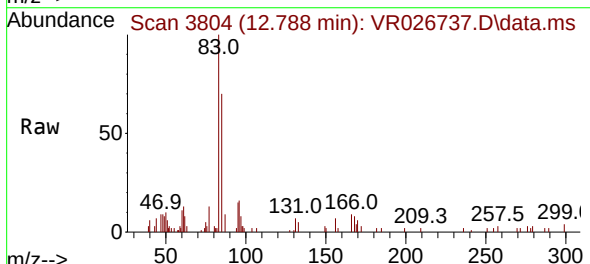
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT2-2025

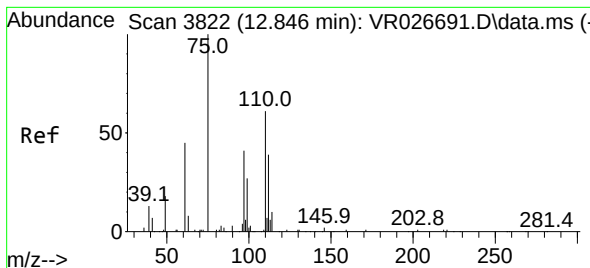
Tgt Ion: 43	Resp: 21708
Ion Ratio	Lower Upper
43 100	
70 0.0	36.4 54.6#
55 12.5	18.7 28.1#
61 13.5	20.3 30.5#



#74
1,1,2,2-Tetrachloroethane
Concen: 4.973 ug/l
RT: 12.788 min Scan# 3804
Delta R.T. -0.003 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

Tgt Ion: 83	Resp: 21956
Ion Ratio	Lower Upper
83 100	
131 6.0	4.2 12.4
85 57.8	32.3 96.8





#75

1,2,3-Trichloropropane

Concen: 3.578 ug/l m

RT: 12.846 min Scan# 3822

Delta R.T. -0.000 min

Lab File: VR026737.D

Acq: 11 Aug 2025 13:26

Instrument :

MSVOA_R

ClientSampleId :

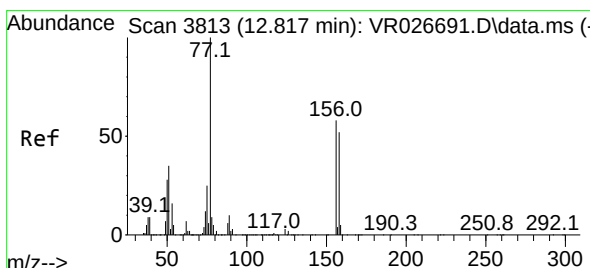
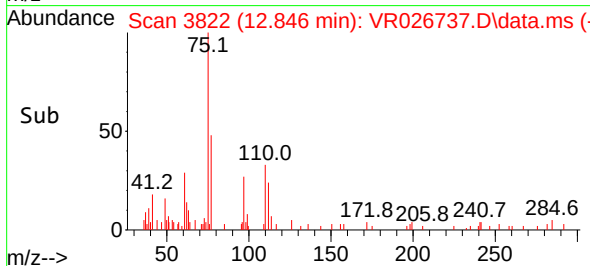
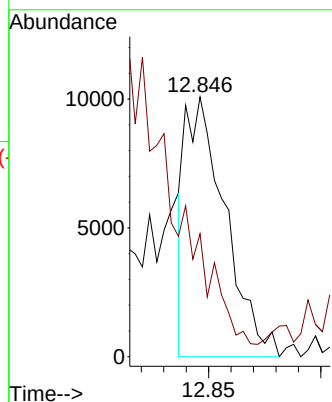
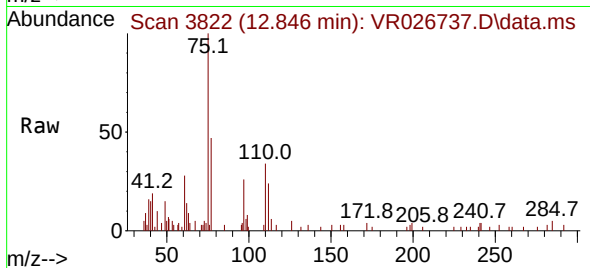
LOQ-WATER-02-QT2-2025

Tgt Ion: 75 Resp: 12523

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#76

Bromobenzene

Concen: 4.859 ug/l m

RT: 12.820 min Scan# 3814

Delta R.T. 0.003 min

Lab File: VR026737.D

Acq: 11 Aug 2025 13:26

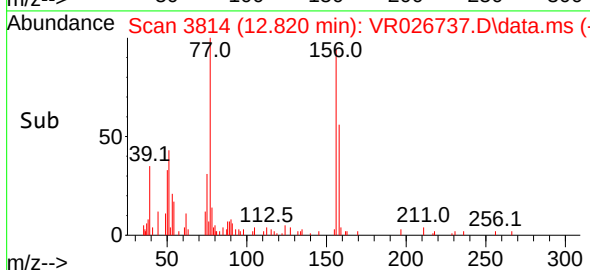
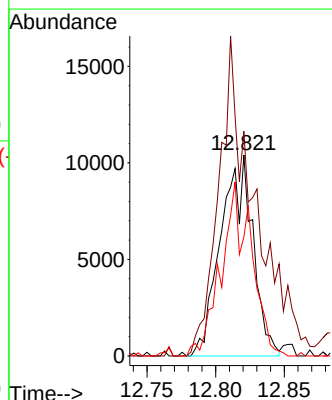
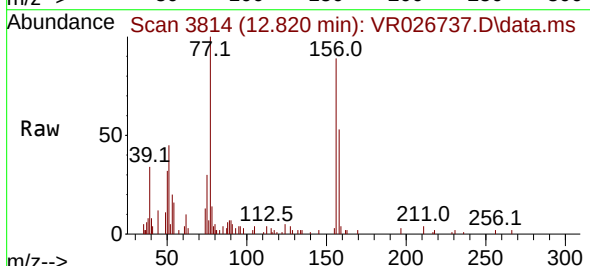
Tgt Ion: 156 Resp: 16921

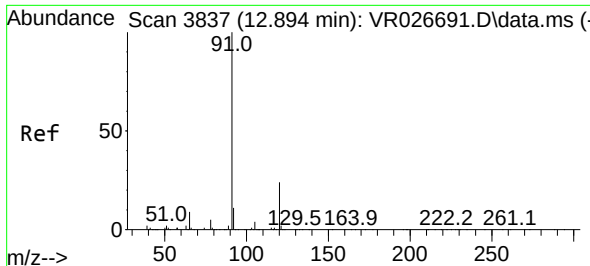
Ion Ratio Lower Upper

156 100

77 177.7 105.5 316.4

158 81.5 46.4 139.1

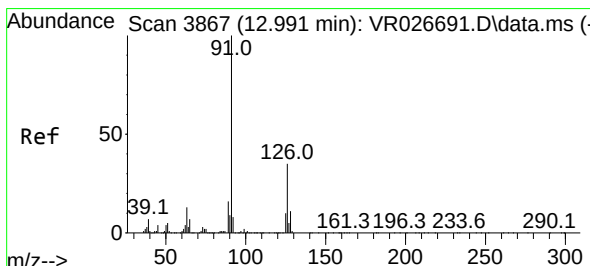
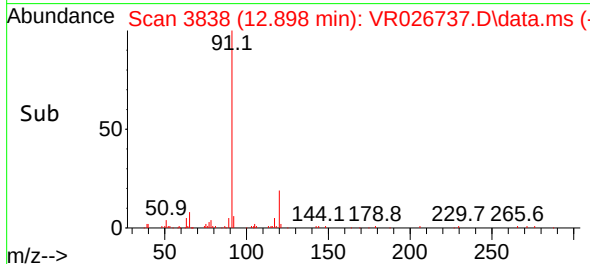
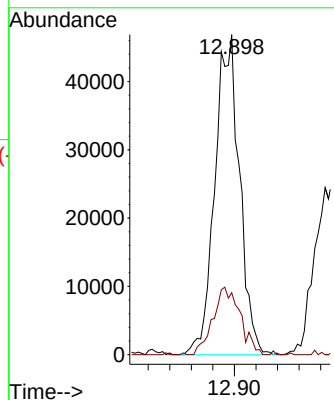
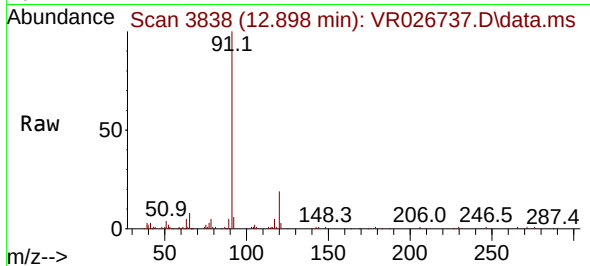




#77
n-propylbenzene
Concen: 4.136 ug/l
RT: 12.898 min Scan# 3838
Delta R.T. 0.003 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

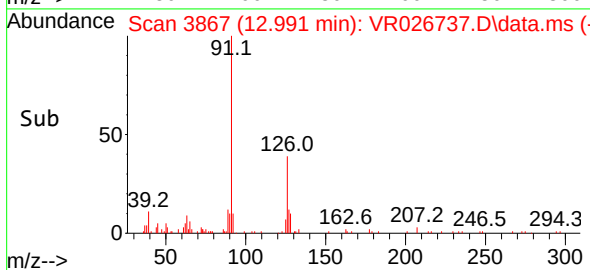
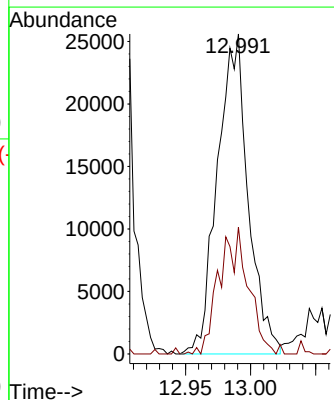
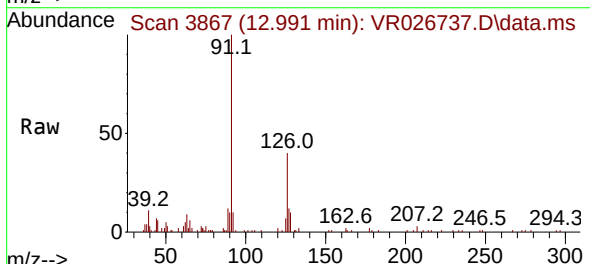
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025

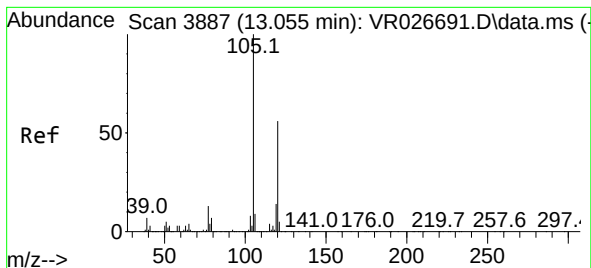
Tgt Ion: 91 Resp: 74251
Ion Ratio Lower Upper
91 100
120 23.4 11.9 35.9



#78
2-Chlorotoluene
Concen: 4.120 ug/l
RT: 12.991 min Scan# 3867
Delta R.T. -0.000 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

Tgt Ion: 91 Resp: 41962
Ion Ratio Lower Upper
91 100
126 20.7 17.5 52.6





#79

1,3,5-Trimethylbenzene

Concen: 4.200 ug/l

RT: 13.052 min Scan# 3886

Delta R.T. -0.003 min

Lab File: VR026737.D

Acq: 11 Aug 2025 13:26

Instrument :

MSVOA_R

ClientSampleId :

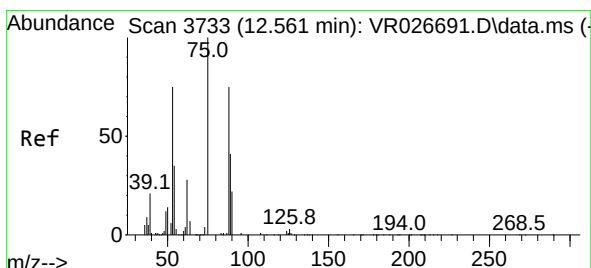
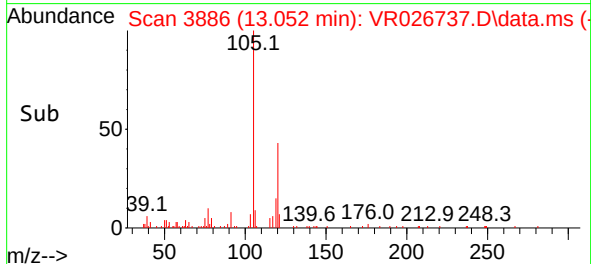
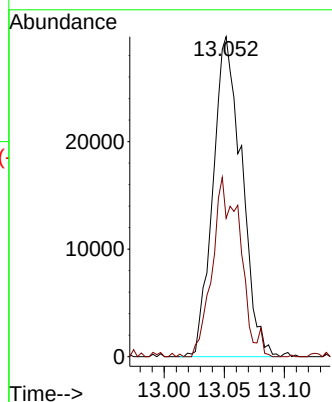
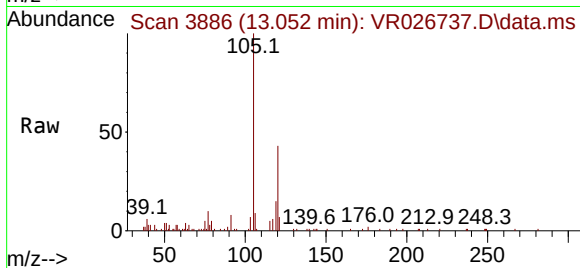
LOQ-WATER-02-QT2-2025

Tgt Ion:105 Resp: 49425

Ion Ratio Lower Upper

105 100

120 54.4 26.6 79.7



#80

trans-1,4-Dichloro-2-butene

Concen: 2.872 ug/l m

RT: 12.551 min Scan# 3730

Delta R.T. -0.010 min

Lab File: VR026737.D

Acq: 11 Aug 2025 13:26

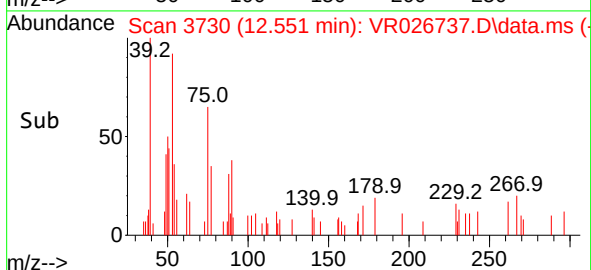
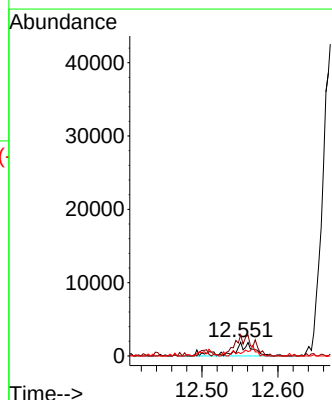
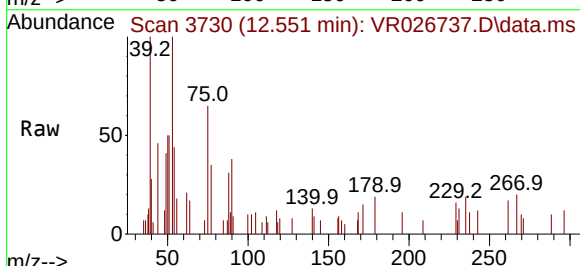
Tgt Ion: 75 Resp: 3451

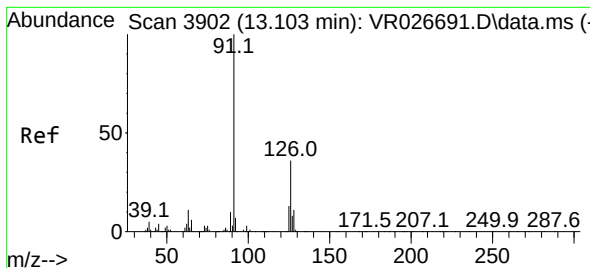
Ion Ratio Lower Upper

75 100

53 0.0 67.8 101.6#

89 5.5 34.6 52.0#





#81

4-Chlorotoluene

Concen: 4.129 ug/l

RT: 13.093 min Scan# 3902

Delta R.T. -0.010 min

Lab File: VR026737.D

Acq: 11 Aug 2025 13:26

Instrument :

MSVOA_R

ClientSampleId :

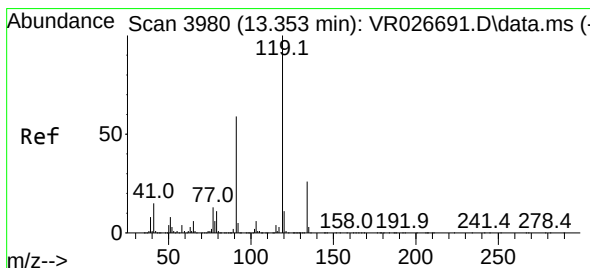
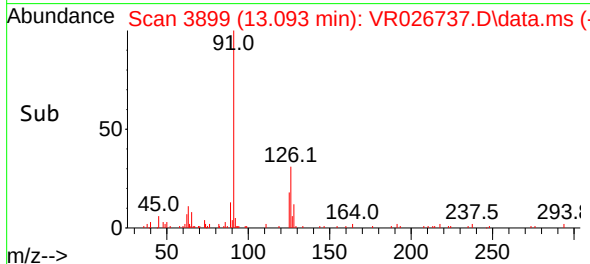
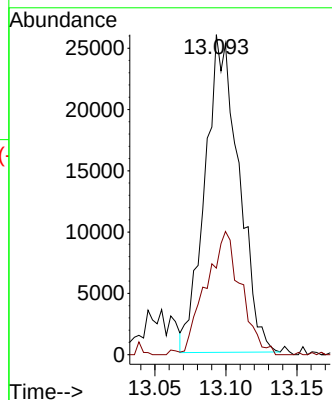
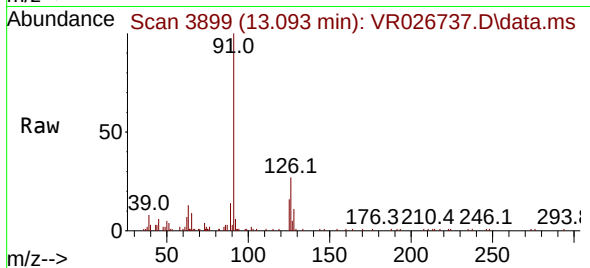
LOQ-WATER-02-QT2-2025

Tgt Ion: 91 Resp: 42961

Ion Ratio Lower Upper

91 100

126 40.3 17.8 53.3



#82

tert-Butylbenzene

Concen: 4.062 ug/l

RT: 13.353 min Scan# 3980

Delta R.T. -0.000 min

Lab File: VR026737.D

Acq: 11 Aug 2025 13:26

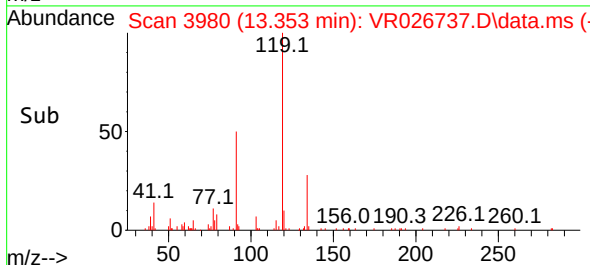
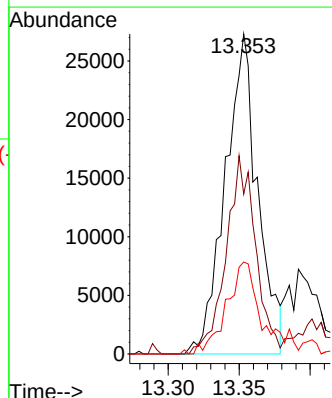
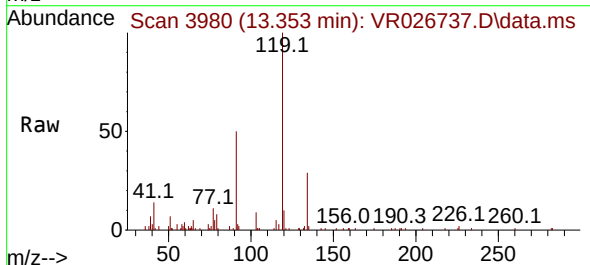
Tgt Ion: 119 Resp: 43473

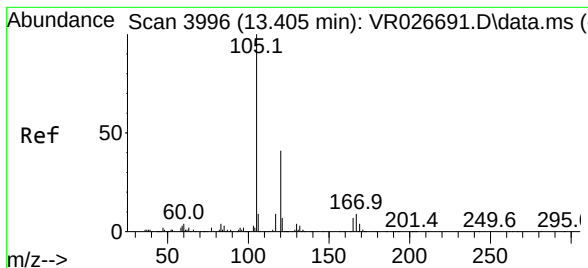
Ion Ratio Lower Upper

119 100

91 56.0 29.9 89.7

134 30.8 13.5 40.4





#83

1,2,4-Trimethylbenzene

Concen: 3.934 ug/l

RT: 13.405 min Scan# 3996

Delta R.T. -0.000 min

Lab File: VR026737.D

Acq: 11 Aug 2025 13:26

Instrument :

MSVOA_R

ClientSampleId :

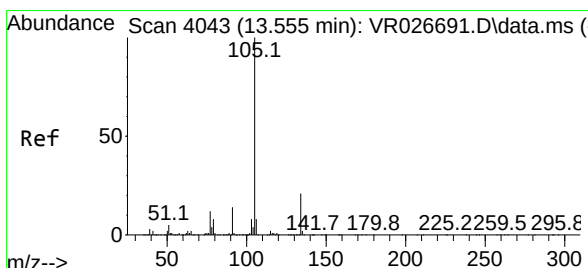
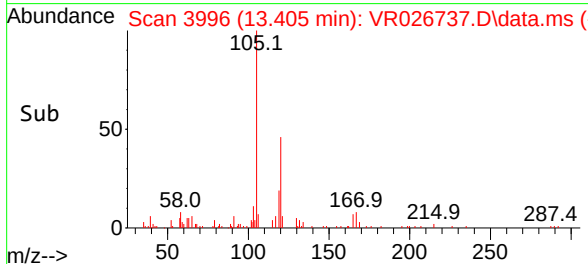
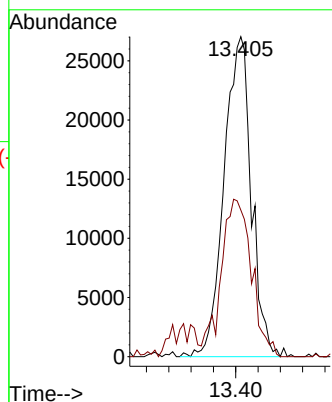
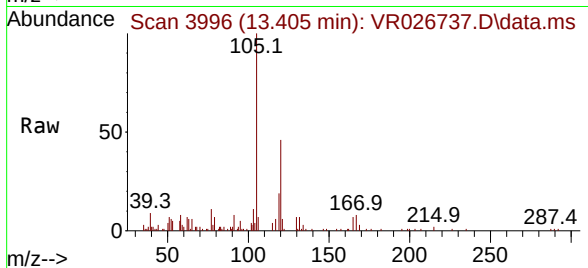
LOQ-WATER-02-QT2-2025

Tgt Ion:105 Resp: 45825

Ion Ratio Lower Upper

105 100

120 54.8 25.0 75.0



#84

sec-Butylbenzene

Concen: 4.162 ug/l

RT: 13.555 min Scan# 4043

Delta R.T. -0.000 min

Lab File: VR026737.D

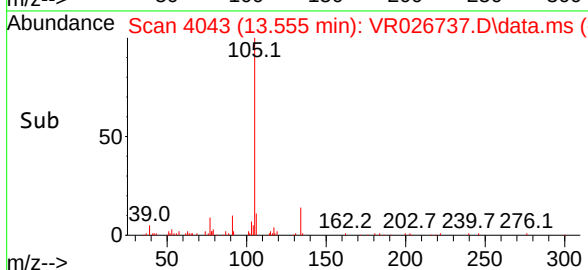
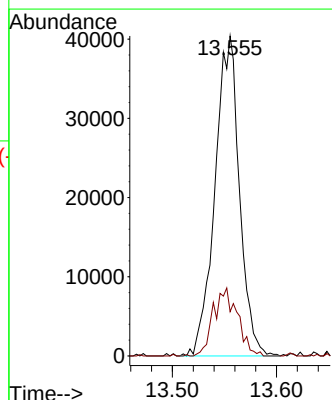
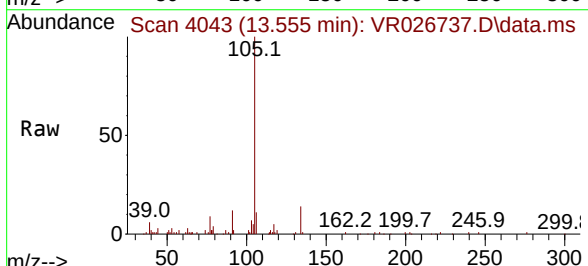
Acq: 11 Aug 2025 13:26

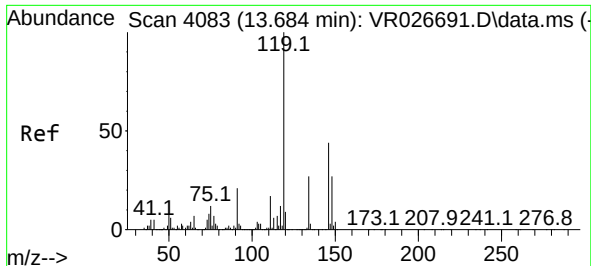
Tgt Ion:105 Resp: 66064

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.1

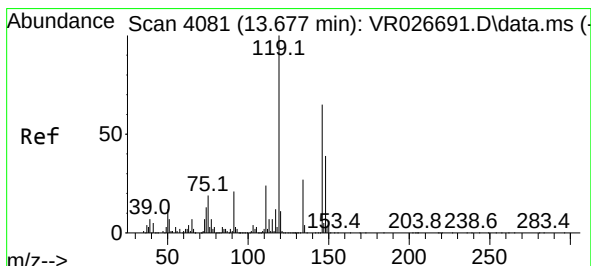
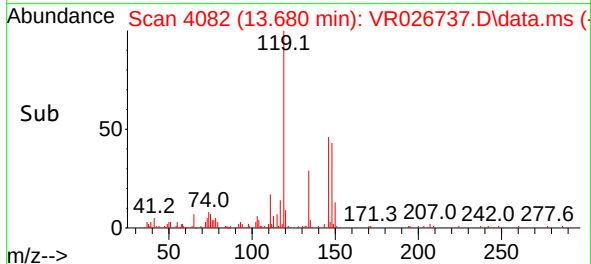
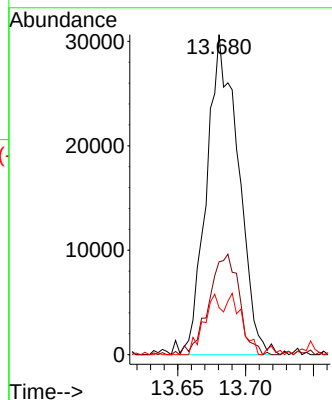
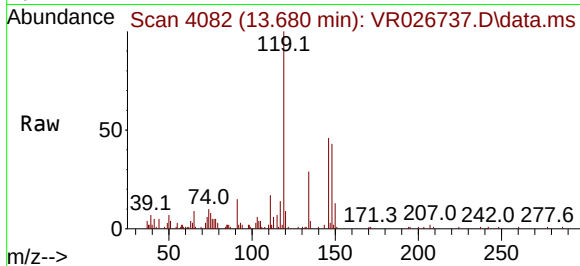




#85
p-Isopropyltoluene
Concen: 3.850 ug/l
RT: 13.680 min Scan# 4082
Delta R.T. -0.003 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

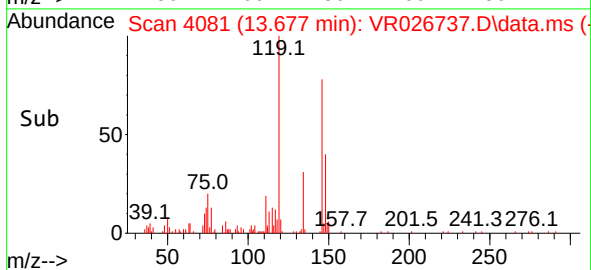
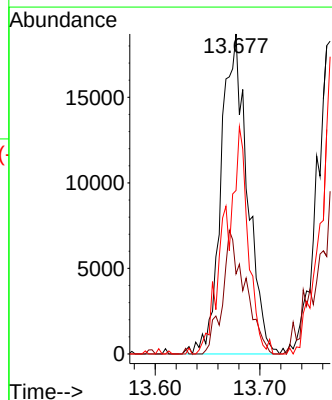
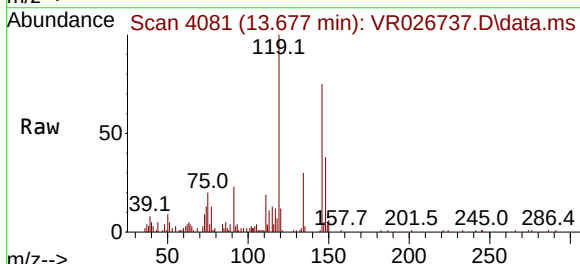
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025

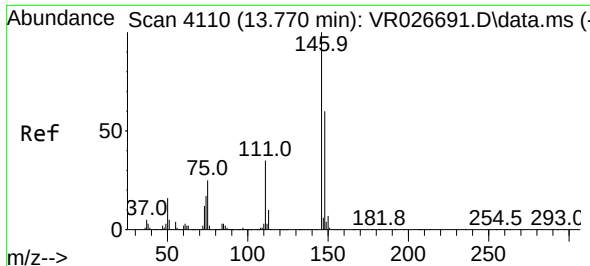
Tgt Ion:119 Resp: 49824
Ion Ratio Lower Upper
119 100
134 29.8 13.9 41.7
91 10.9 10.4 31.2



#86
1,3-Dichlorobenzene
Concen: 4.779 ug/l m
RT: 13.677 min Scan# 4081
Delta R.T. -0.000 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

Tgt Ion:146 Resp: 32626
Ion Ratio Lower Upper
146 100
111 42.0 19.4 58.2
148 69.3 31.4 94.3

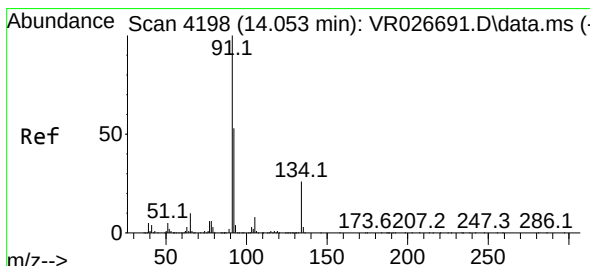
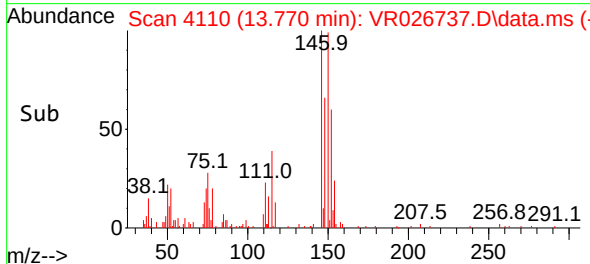
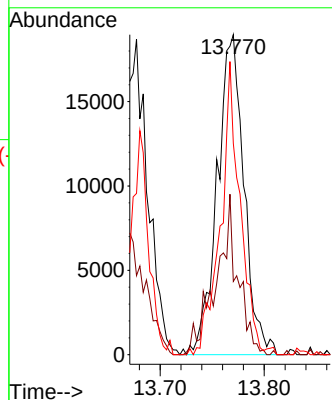
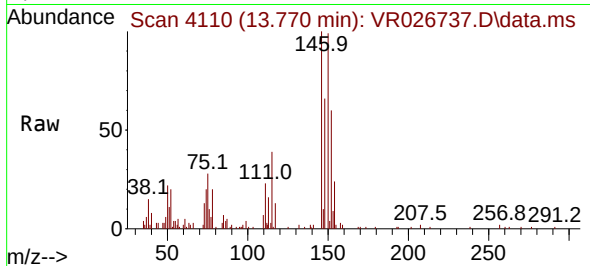




#87
1,4-Dichlorobenzene
Concen: 4.945 ug/l
RT: 13.770 min Scan# 4110
Delta R.T. -0.000 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

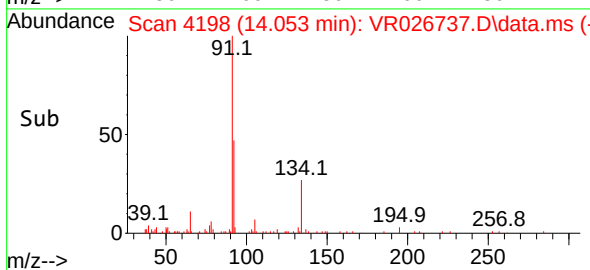
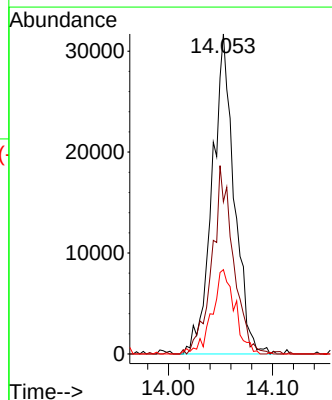
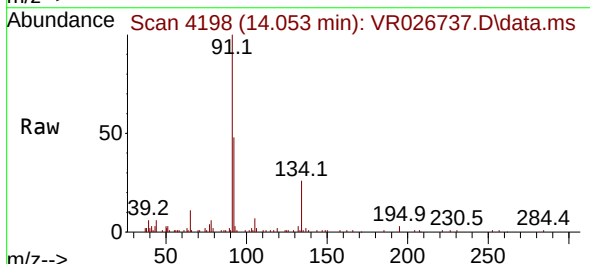
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT2-2025

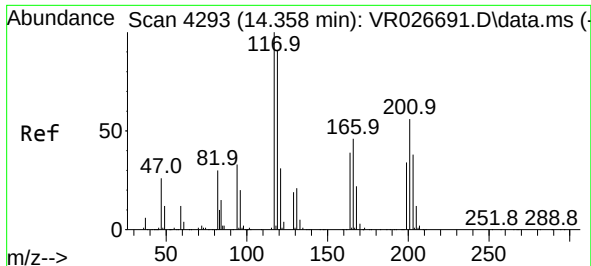
Tgt Ion:146 Resp: 33885
Ion Ratio Lower Upper
146 100
111 40.5 19.1 57.3
148 66.7 32.6 97.8



#88
n-Butylbenzene
Concen: 3.908 ug/l
RT: 14.053 min Scan# 4198
Delta R.T. -0.000 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

Tgt Ion: 91 Resp: 46622
Ion Ratio Lower Upper
91 100
92 57.0 27.1 81.2
134 27.3 13.1 39.3

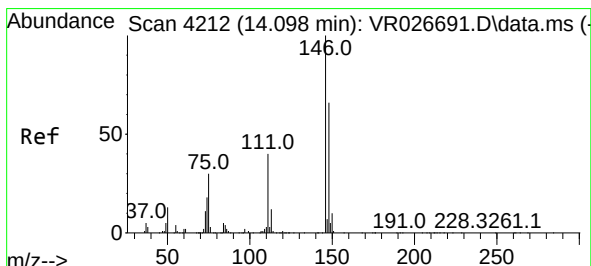
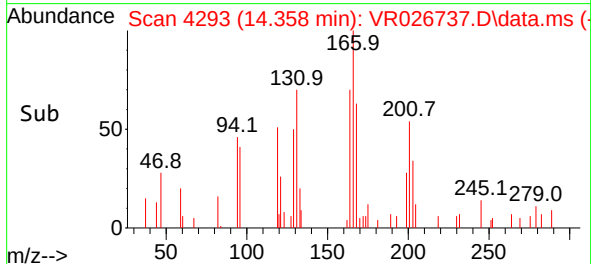
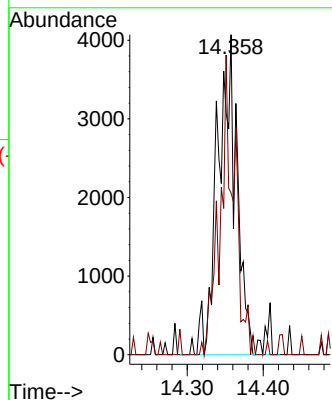
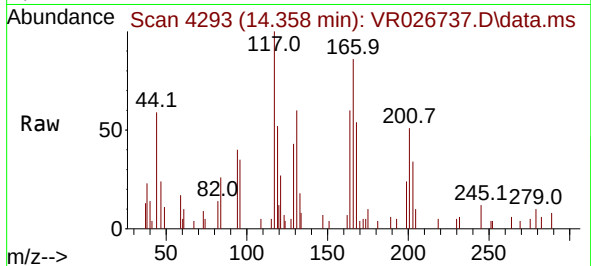




#89
Hexachloroethane
Concen: 4.012 ug/l m
RT: 14.358 min Scan# 4293
Delta R.T. -0.000 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

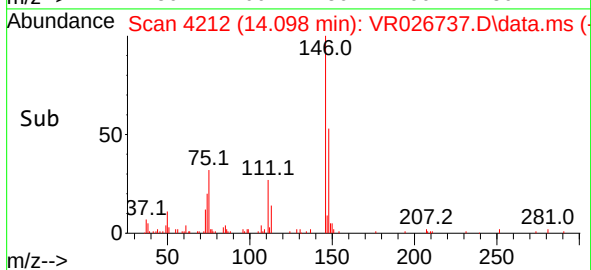
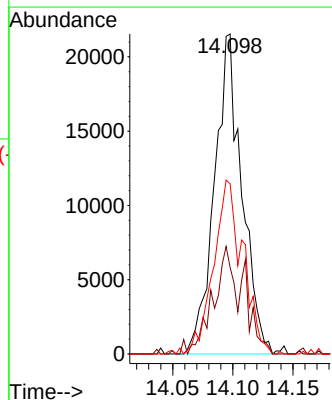
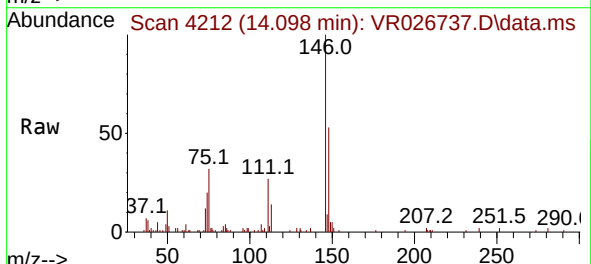
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT2-2025

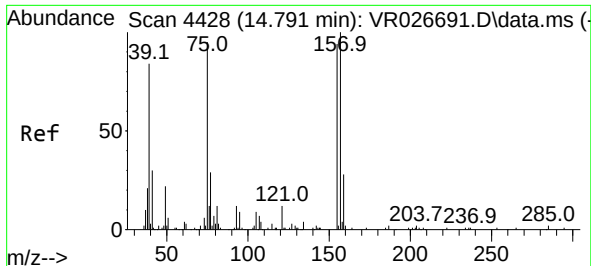
Tgt Ion:117 Resp: 7456
Ion Ratio Lower Upper
117 100
201 51.0 30.6 92.0



#90
1,2-Dichlorobenzene
Concen: 5.322 ug/l
RT: 14.098 min Scan# 4212
Delta R.T. -0.000 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

Tgt Ion:146 Resp: 34123
Ion Ratio Lower Upper
146 100
111 25.2 20.0 60.0
148 58.0 32.4 97.0

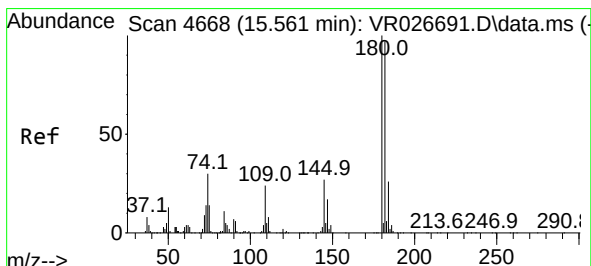
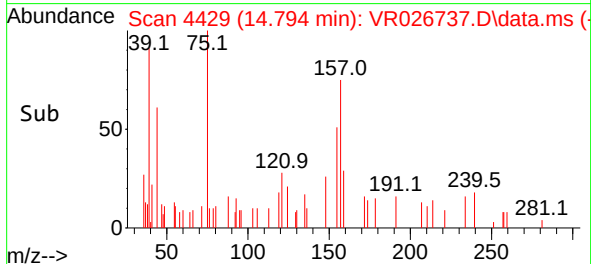
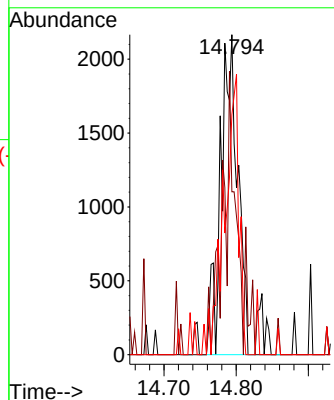
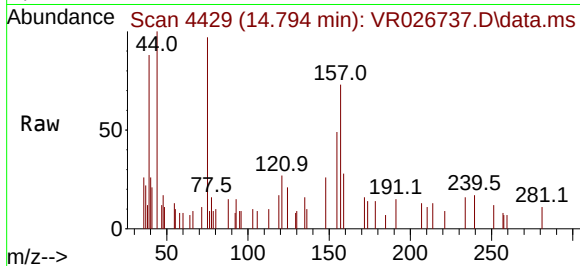




#91
 1,2-Dibromo-3-Chloropropane
 Concen: 6.583 ug/l m
 RT: 14.794 min Scan# 4428
 Delta R.T. 0.003 min
 Lab File: VR026737.D
 Acq: 11 Aug 2025 13:26

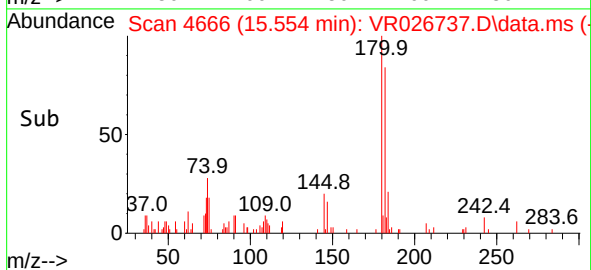
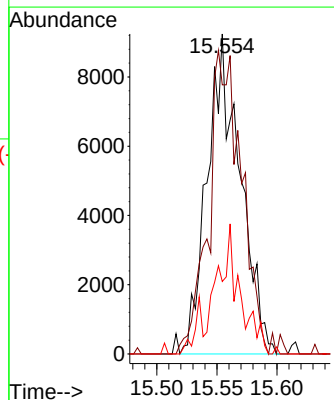
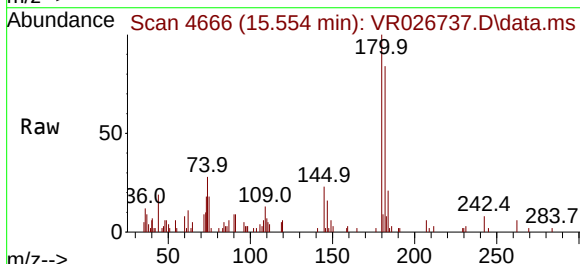
Instrument :
 MSVOA_R
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

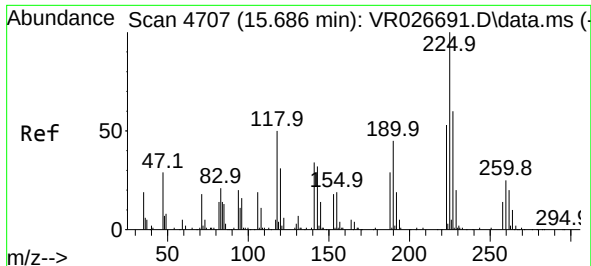
Tgt Ion: 75 Resp: 3870
 Ion Ratio Lower Upper
 75 100
 155 31.9 48.0 144.2#
 157 68.6 59.5 178.4



#92
 1,2,4-Trichlorobenzene
 Concen: 4.577 ug/l
 RT: 15.554 min Scan# 4666
 Delta R.T. -0.006 min
 Lab File: VR026737.D
 Acq: 11 Aug 2025 13:26

Tgt Ion: 180 Resp: 17551
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.0 141.0
 145 27.4 15.2 45.5

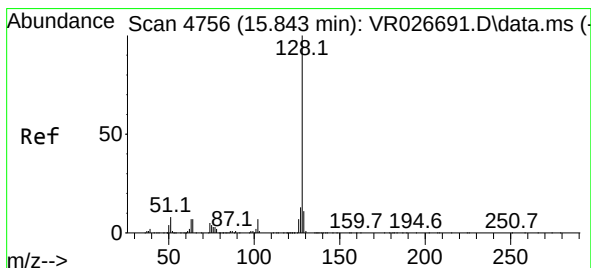
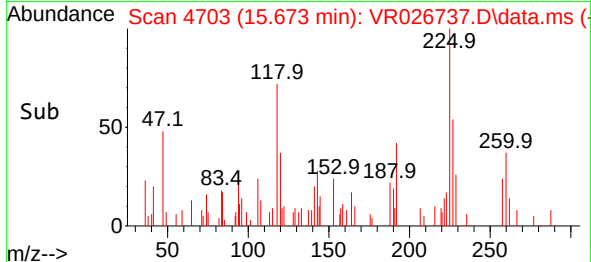
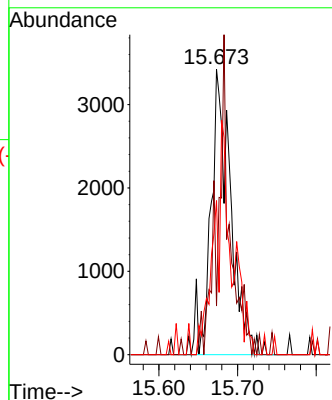
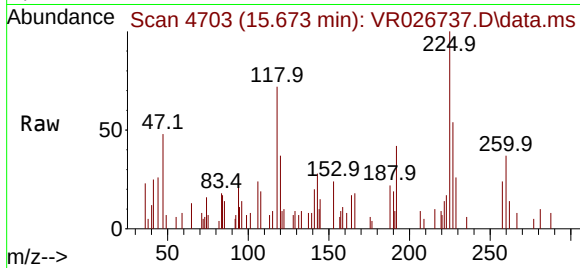




#93
Hexachlorobutadiene
Concen: 4.791 ug/l m
RT: 15.673 min Scan# 41
Delta R.T. -0.013 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

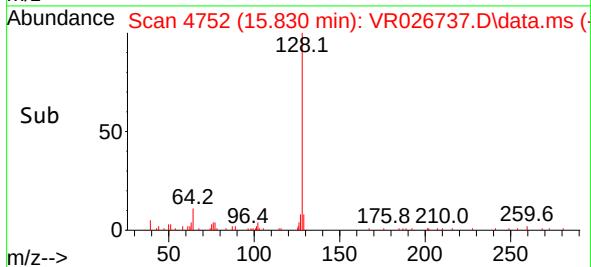
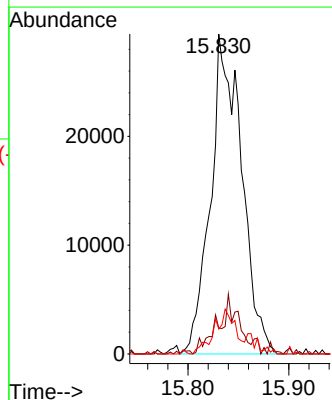
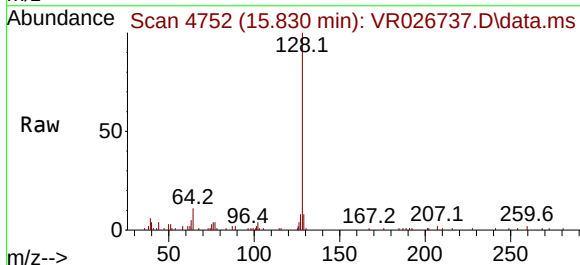
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT2-2025

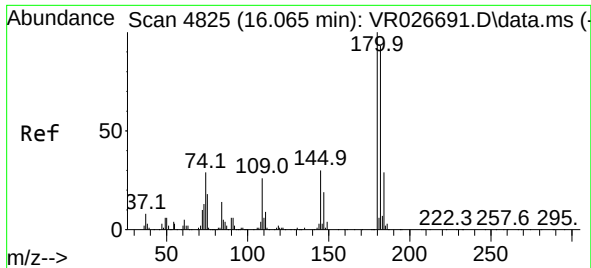
Tgt Ion:225 Resp: 5968
Ion Ratio Lower Upper
225 100
223 17.5 31.4 94.2#
227 0.0 31.6 95.0#



#94
Naphthalene
Concen: 5.341 ug/l
RT: 15.830 min Scan# 4752
Delta R.T. -0.013 min
Lab File: VR026737.D
Acq: 11 Aug 2025 13:26

Tgt Ion:128 Resp: 62755
Ion Ratio Lower Upper
128 100
127 4.7 9.8 14.8#
129 0.0 8.6 13.0#





#95

1,2,3-Trichlorobenzene

Concen: 5.152 ug/l

RT: 16.068 min Scan# 41

Delta R.T. 0.003 min

Lab File: VR026737.D

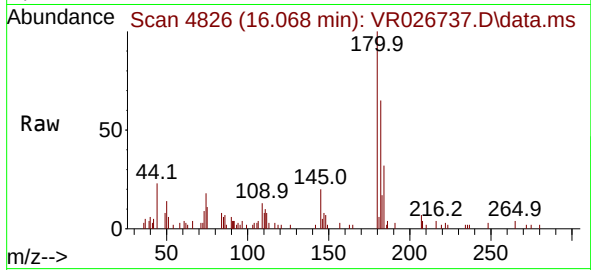
Acq: 11 Aug 2025 13:26

Instrument :

MSVOA_R

ClientSampleId :

LOQ-WATER-02-QT2-2025



Tgt Ion:180 Resp: 18752

Ion Ratio Lower Upper

180 100

182 0.0 47.2 141.6#

145 16.2 15.5 46.5

