

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120325\
 Data File : VX048709.D
 Acq On : 03 Dec 2025 16:29
 Operator : JC/MD
 Sample : Q2893-08 5.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Dec 04 02:32:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120325W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 02:13:49 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	191686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	316759	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	288480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	144681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	123135	47.579	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.160%		
35) Dibromofluoromethane	5.367	113	93818	43.454	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	86.900%		
50) Toluene-d8	8.634	98	340176	45.946	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.900%#		
62) 4-Bromofluorobenzene	11.061	95	121106	44.571	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.140%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	10120	4.580	ug/l	99
3) Chloromethane	1.300	50	10694	4.966	ug/l	94
4) Vinyl Chloride	1.380	62	11134	4.719	ug/l	99
5) Bromomethane	1.611	94	8049	5.134	ug/l	95
6) Chloroethane	1.691	64	6619	4.737	ug/l	95
7) Trichlorofluoromethane	1.892	101	17251	5.032	ug/l	93
8) Diethyl Ether	2.136	74	6445	5.279	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.337	101	10495	5.137	ug/l	99
10) Methyl Iodide	2.459	142	12806	4.351	ug/l	98
11) Tert butyl alcohol	2.940	59	9493	24.252	ug/l	98
12) 1,1-Dichloroethene	2.325	96	10664	5.250	ug/l	96
13) Acrolein	2.233	56	7308	34.524	ug/l	99
14) Allyl chloride	2.666	41	18387	4.783	ug/l	97
15) Acrylonitrile	3.062	53	31494	25.312	ug/l	96
16) Acetone	2.373	43	25555	30.213	ug/l	95
17) Carbon Disulfide	2.520	76	30700	4.962	ug/l	98
18) Methyl Acetate	2.697	43	13579	4.847	ug/l	95
19) Methyl tert-butyl Ether	3.105	73	33735	4.874	ug/l #	89
20) Methylene Chloride	2.788	84	10721	4.541	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	10325	4.925	ug/l	95
22) Diisopropyl ether	3.757	45	37730	5.481	ug/l	98
23) Vinyl Acetate	3.715	43	154746	25.861	ug/l	97
24) 1,1-Dichloroethane	3.611	63	20945	5.343	ug/l	98
25) 2-Butanone	4.550	43	40726	27.650	ug/l	97
26) 2,2-Dichloropropane	4.458	77	18459	5.105	ug/l #	53
27) cis-1,2-Dichloroethene	4.483	96	13900	5.289	ug/l	95
28) Bromochloromethane	4.891	49	9185	4.880	ug/l	94
29) Tetrahydrofuran	4.989	42	30792	27.450	ug/l	93
30) Chloroform	5.080	83	21745	5.237	ug/l	98
31) Cyclohexane	5.464	56	17205	5.152	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	19307	5.171	ug/l	96
36) 1,1-Dichloropropene	5.684	75	14938	5.121	ug/l	99
37) Ethyl Acetate	4.708	43	19900	5.373	ug/l	96
38) Carbon Tetrachloride	5.665	117	18536	5.529	ug/l	97
39) Methylcyclohexane	7.366	83	17074	5.028	ug/l	95
40) Benzene	6.025	78	47401	5.528	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.903	41	8473	5.054	ug/l #	81
42) 1,2-Dichloroethane	6.074	62	17675	5.741	ug/l	95
43) Isopropyl Acetate	6.330	43	28061	5.395	ug/l	96
44) Trichloroethene	7.116	130	12444	5.513	ug/l	89
45) 1,2-Dichloropropane	7.421	63	11480	5.478	ug/l	93
46) Dibromomethane	7.574	93	8687	5.388	ug/l	98
47) Bromodichloromethane	7.805	83	17332	5.243	ug/l	95
48) Methyl methacrylate	7.683	41	13139	5.288	ug/l	94
49) 1,4-Dioxane	7.653	88	3480	114.264	ug/l #	77
51) 4-Methyl-2-Pentanone	8.555	43	93504	28.523	ug/l	93
52) Toluene	8.708	92	29790	5.661	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	18019	5.476	ug/l	100
54) cis-1,3-Dichloropropene	8.354	75	18337	5.254	ug/l	93
55) 1,1,2-Trichloroethane	9.140	97	11800	5.656	ug/l	97
56) Ethyl methacrylate	9.104	69	16721	5.002	ug/l #	88
57) 1,3-Dichloropropane	9.293	76	19671	5.604	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	49923	29.114	ug/l	96
59) 2-Hexanone	9.415	43	64589	27.459	ug/l	94
60) Dibromochloromethane	9.506	129	14312	5.500	ug/l	100
61) 1,2-Dibromoethane	9.598	107	12369	5.362	ug/l	97
64) Tetrachloroethene	9.256	164	10479	5.290	ug/l	94
65) Chlorobenzene	10.061	112	32326	5.290	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.146	131	11657	5.483	ug/l	97
67) Ethyl Benzene	10.177	91	54290	5.408	ug/l	97
68) m/p-Xylenes	10.287	106	40213	10.398	ug/l	97
69) o-Xylene	10.628	106	19821	5.320	ug/l	98
70) Styrene	10.640	104	32372	5.169	ug/l	97
71) Bromoform	10.787	173	10056	5.193	ug/l #	99
73) Isopropylbenzene	10.945	105	50116	5.183	ug/l	100
74) N-amyl acetate	10.829	43	22347	5.119	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.195	83	17438	5.267	ug/l	98
76) 1,2,3-Trichloropropane	11.225	75	15227m	5.238	ug/l	
77) Bromobenzene	11.183	156	13326	5.114	ug/l	94
78) n-propylbenzene	11.286	91	60459	5.339	ug/l	100
79) 2-Chlorotoluene	11.347	91	36698	5.333	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	41978	5.307	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	4877	4.315	ug/l #	81
82) 4-Chlorotoluene	11.439	91	43270	5.406	ug/l	98
83) tert-Butylbenzene	11.695	119	41154	5.016	ug/l	97
84) 1,2,4-Trimethylbenzene	11.738	105	41882	5.316	ug/l	98
85) sec-Butylbenzene	11.872	105	51692	5.205	ug/l	100
86) p-Isopropyltoluene	11.994	119	43202	5.266	ug/l	97
87) 1,3-Dichlorobenzene	11.951	146	24752	5.219	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	25894	5.349	ug/l	96
89) n-Butylbenzene	12.311	91	42031	5.439	ug/l	99
90) Hexachloroethane	12.518	117	8232	4.984	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	24794	5.614	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.926	75	4069	5.408	ug/l	88
93) 1,2,4-Trichlorobenzene	13.573	180	14132	5.026	ug/l	96
94) Hexachlorobutadiene	13.707	225	6360	5.432	ug/l	99
95) Naphthalene	13.756	128	42442	4.945	ug/l	99
96) 1,2,3-Trichlorobenzene	13.938	180	13405	5.165	ug/l	98

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ClientSampleId :
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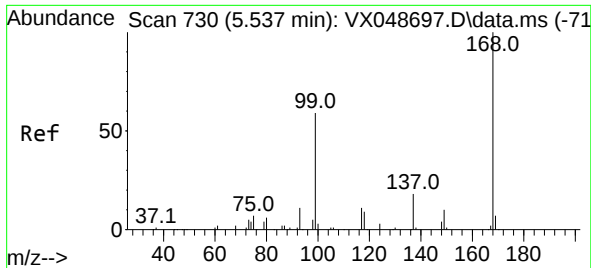
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 12/04/2025

Quant Time: Dec 04 02:32:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120325W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

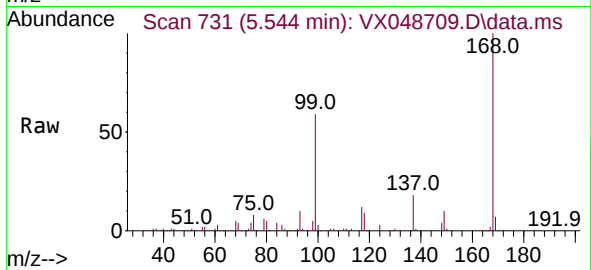
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.007 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

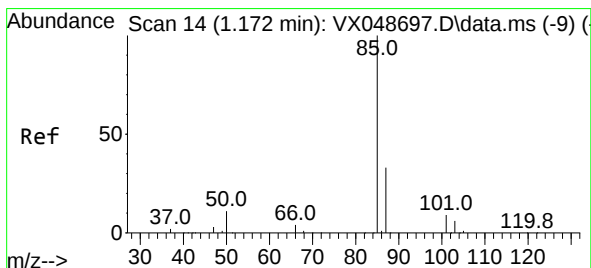
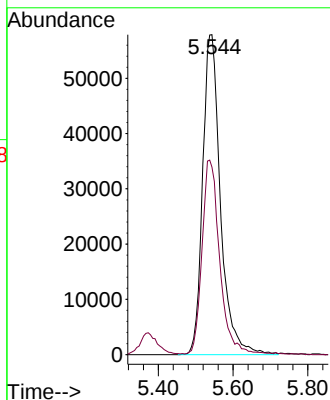
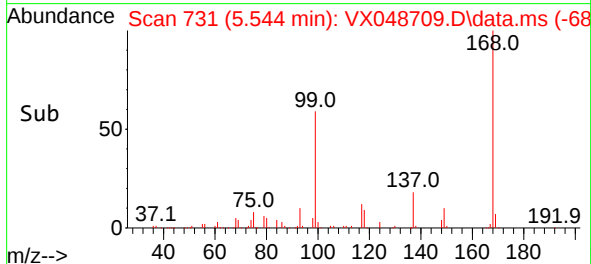
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2025



Tgt Ion:168 Resp: 191686
Ion Ratio Lower Upper
168 100
99 58.3 48.3 72.5

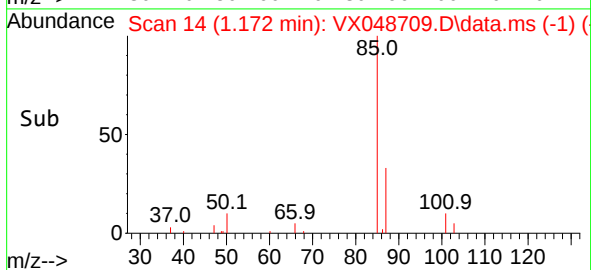
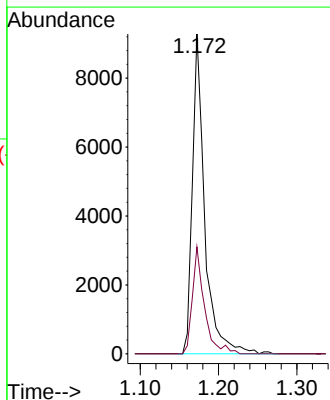
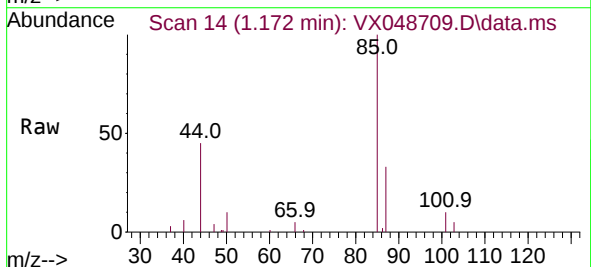
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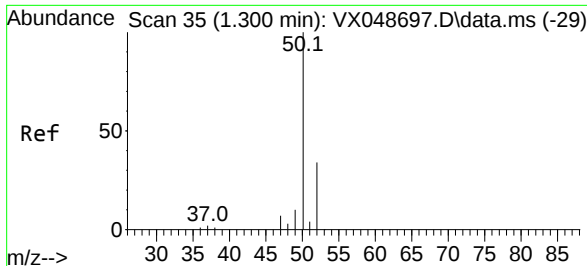
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#2
Dichlorodifluoromethane
Concen: 4.580 ug/l
RT: 1.172 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

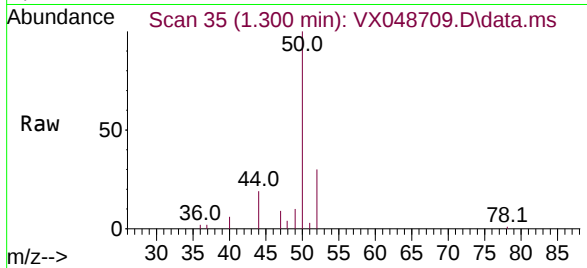
Tgt Ion: 85 Resp: 10120
Ion Ratio Lower Upper
85 100
87 33.4 16.6 49.7





#3
Chloromethane
Concen: 4.966 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

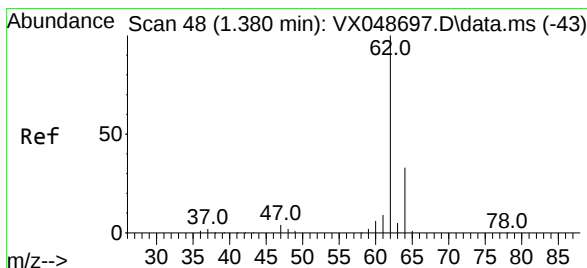
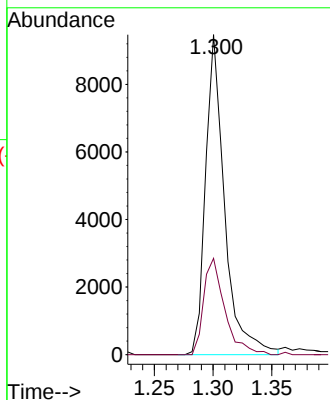
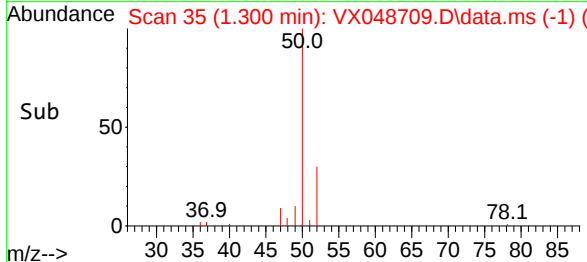
Instrument :
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LOQ-WATER-02-QT3-2025



Tgt Ion: 50 Resp: 10694
Ion Ratio Lower Upper
50 100
52 30.1 26.8 40.2

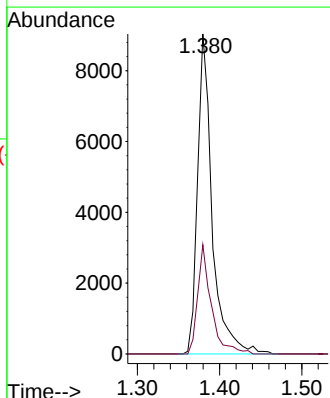
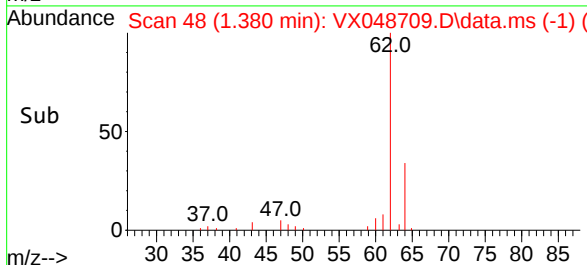
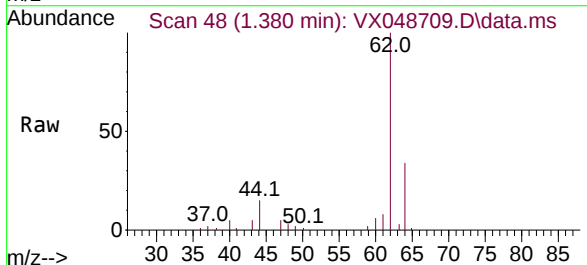
Manual Integrations
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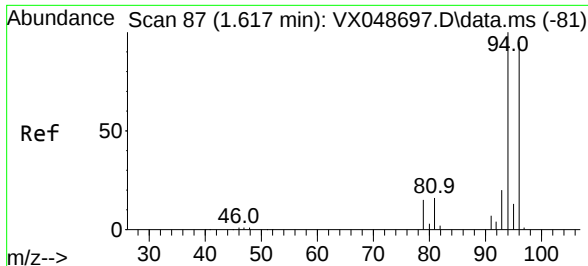
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#4
Vinyl Chloride
Concen: 4.719 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

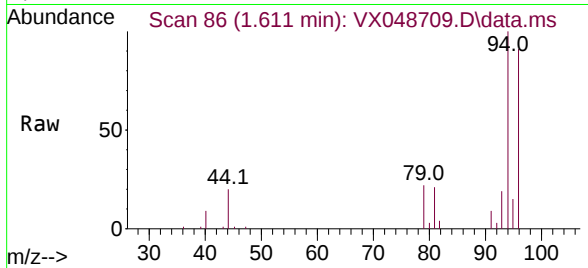
Tgt Ion: 62 Resp: 11134
Ion Ratio Lower Upper
62 100
64 34.1 26.7 40.1





#5
Bromomethane
Concen: 5.134 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

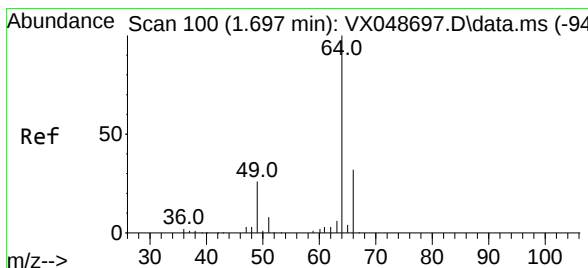
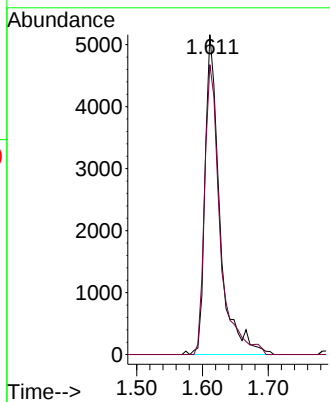
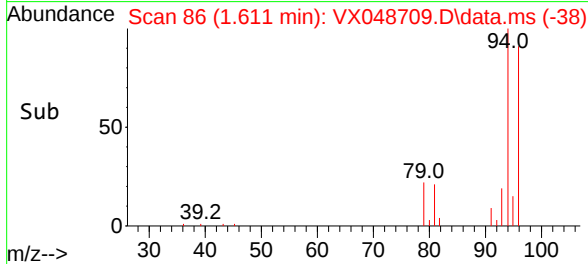
Instrument :
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Tgt Ion: 94 Resp: 8049
Ion Ratio Lower Upper
94 100
96 90.6 76.1 114.1

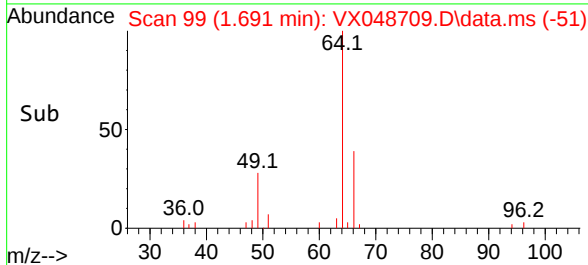
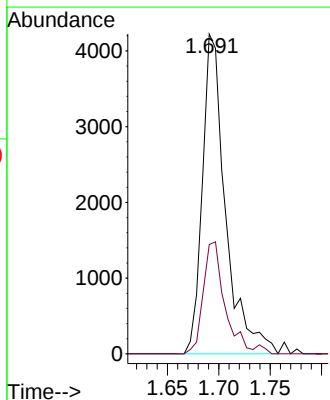
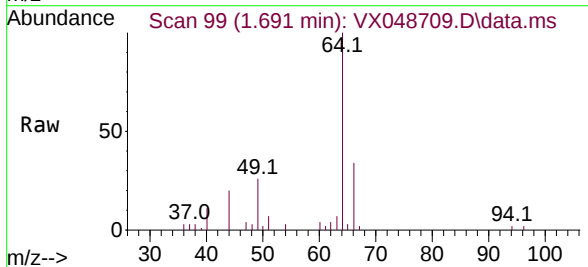
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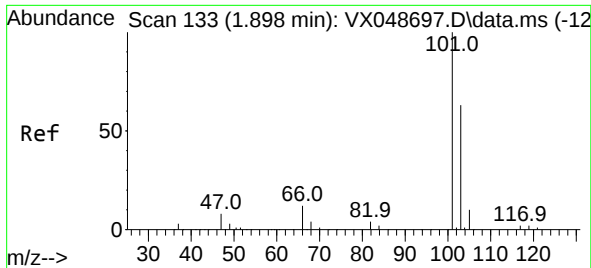
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#6
Chloroethane
Concen: 4.737 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

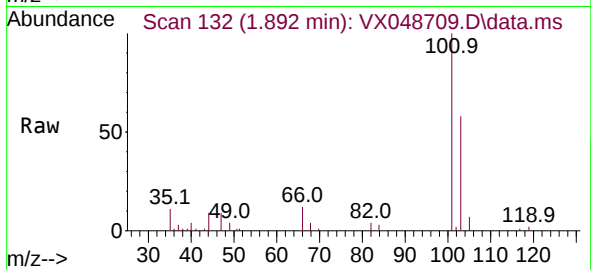
Tgt Ion: 64 Resp: 6619
Ion Ratio Lower Upper
64 100
66 34.2 25.2 37.8





#7
 Trichlorofluoromethane
 Concen: 5.032 ug/l
 RT: 1.892 min Scan# 133
 Delta R.T. -0.006 min
 Lab File: VX048709.D
 Acq: 03 Dec 2025 16:29

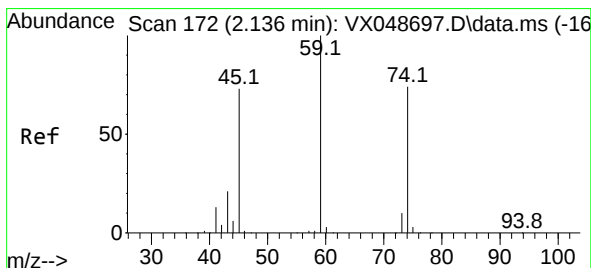
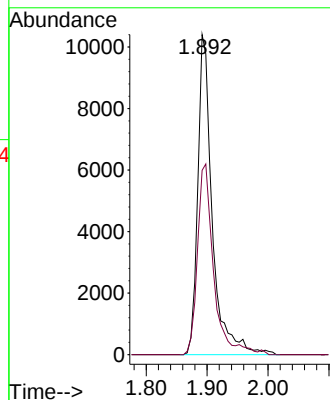
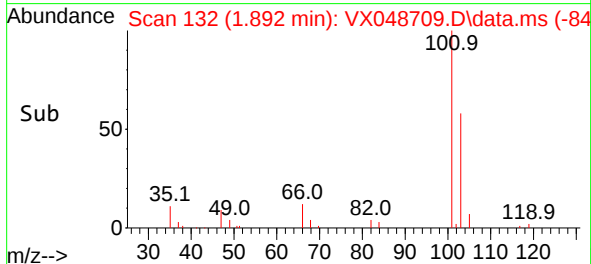
Instrument : MSVOA_X
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Tgt Ion:101 Resp: 1725
 Ion Ratio Lower Upper
 101 100
 103 57.6 50.5 75.7

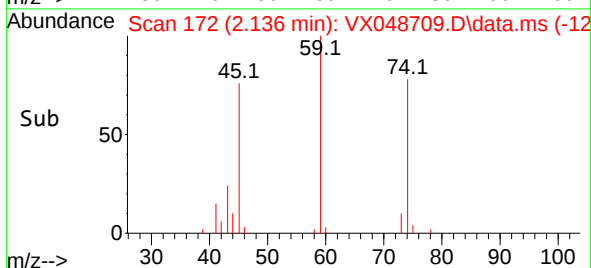
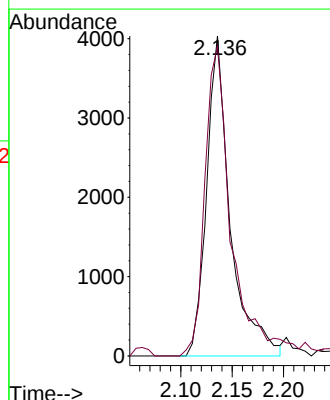
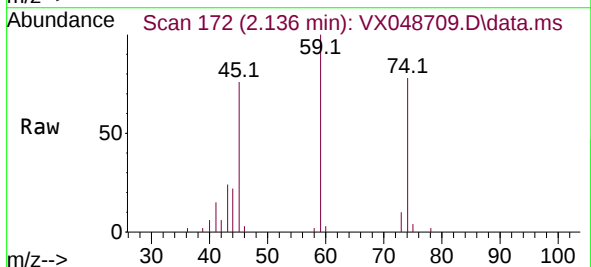
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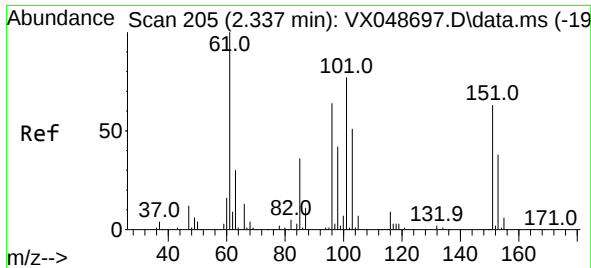
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025



#8
 Diethyl Ether
 Concen: 5.279 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX048709.D
 Acq: 03 Dec 2025 16:29

Tgt Ion: 74 Resp: 6445
 Ion Ratio Lower Upper
 74 100
 45 111.0 48.1 144.4





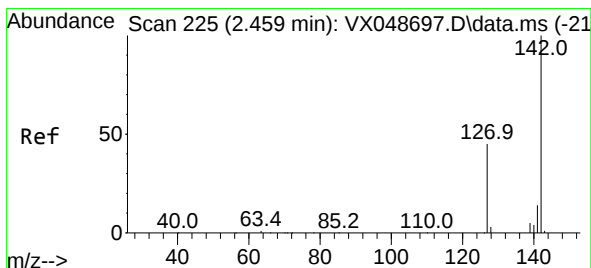
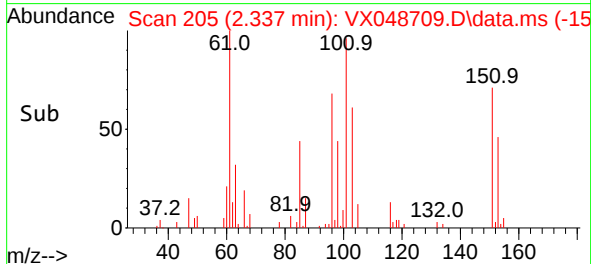
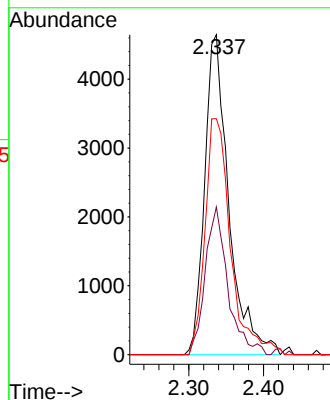
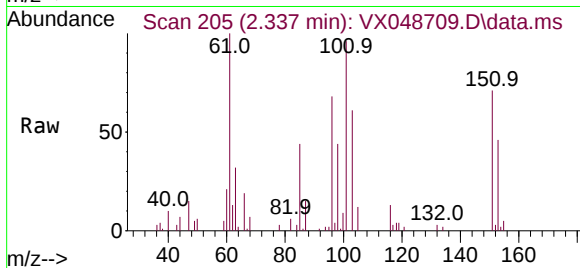
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.137 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

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

Tgt Ion:101 Resp: 10495
Ion Ratio Lower Upper
101 100
85 43.0 35.5 53.3
151 77.4 62.2 93.4

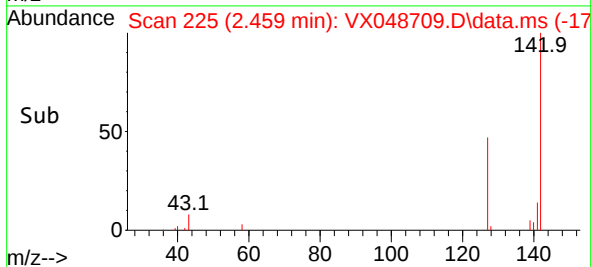
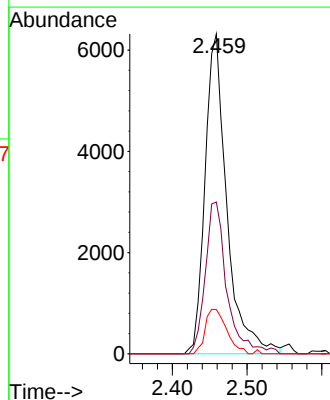
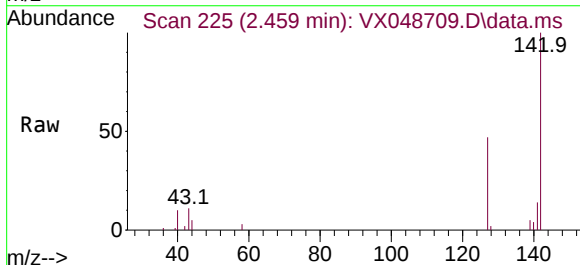
Manual Integrations
APPROVED

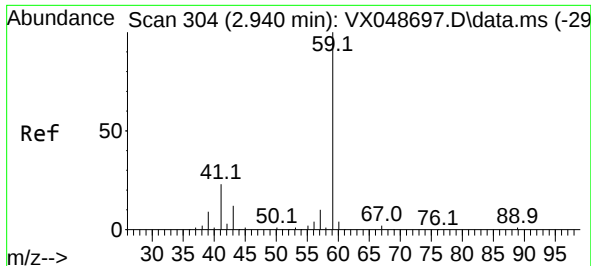
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#10
Methyl Iodide
Concen: 4.351 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

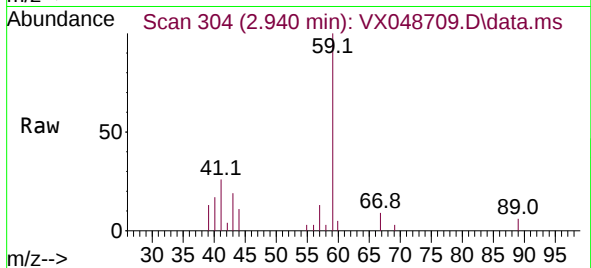
Tgt Ion:142 Resp: 12806
Ion Ratio Lower Upper
142 100
127 46.9 36.1 54.1
141 13.8 11.1 16.7





#11
Tert butyl alcohol
Concen: 24.252 ug/l
RT: 2.940 min Scan# 304
Delta R.T. 0.000 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

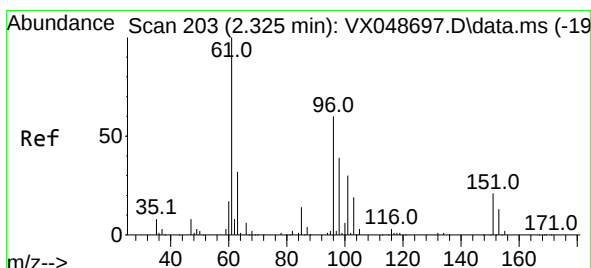
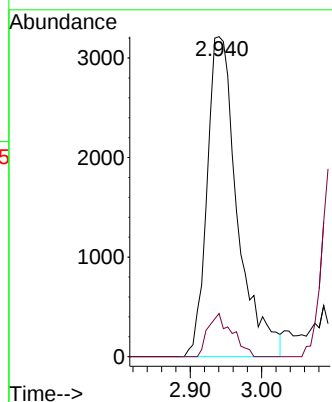
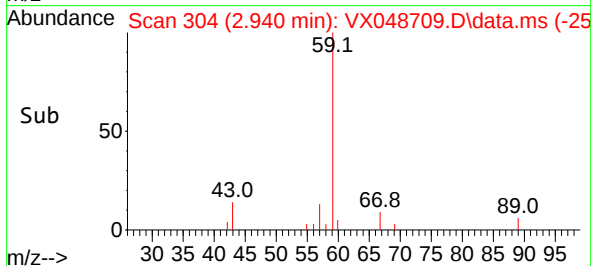
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT3-2025



Tgt Ion: 59 Resp: 9493
Ion Ratio Lower Upper
59 100
57 10.8 8.0 12.0

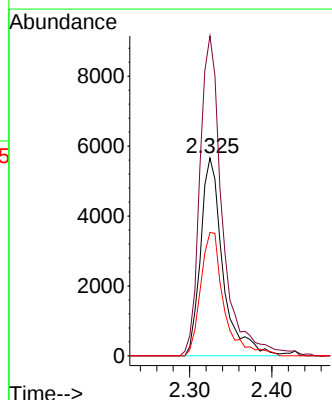
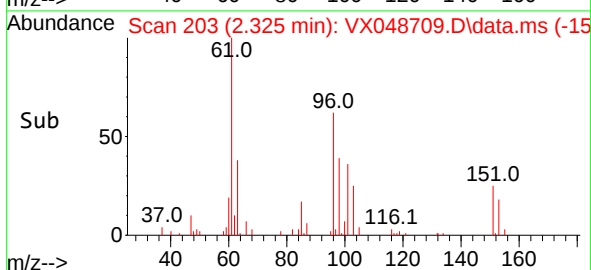
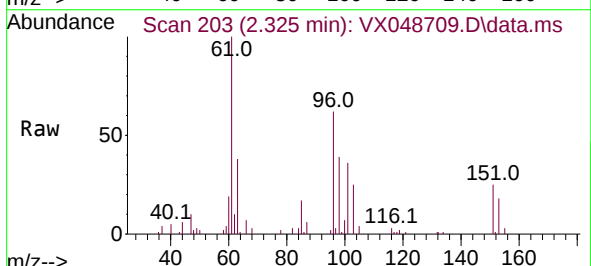
Manual Integrations
APPROVED

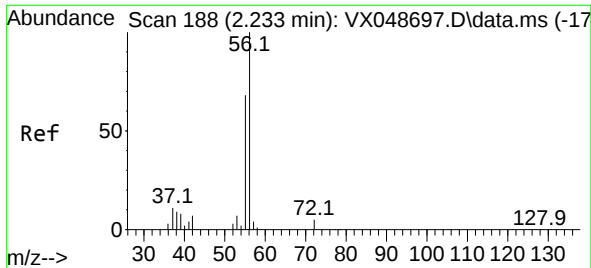
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#12
1,1-Dichloroethene
Concen: 5.250 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

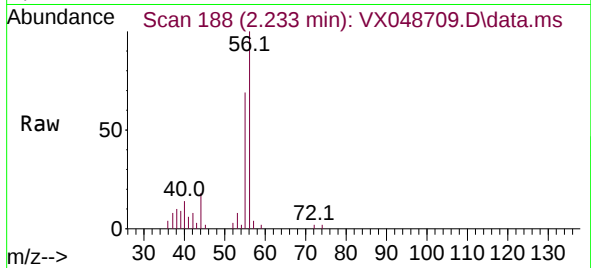
Tgt Ion: 96 Resp: 10664
Ion Ratio Lower Upper
96 100
61 161.8 133.5 200.3
98 62.4 52.2 78.4





#13
Acrolein
Concen: 34.524 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

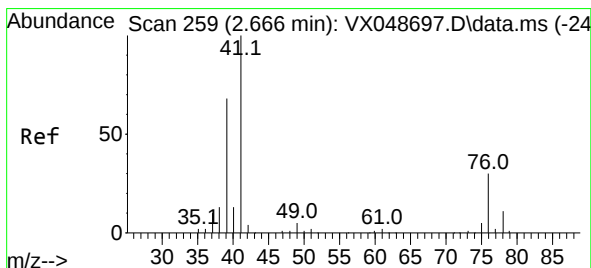
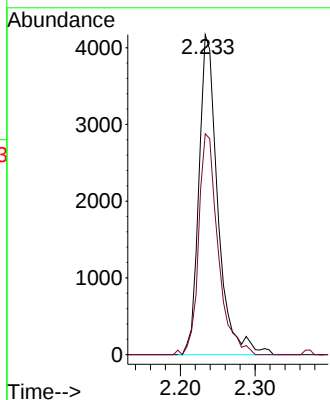
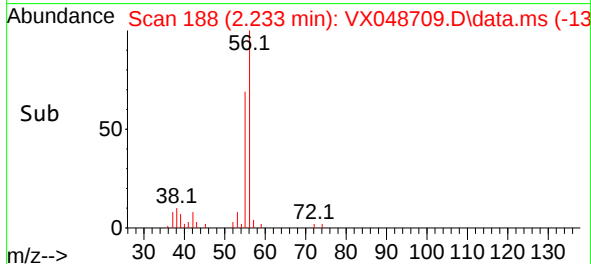
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2025



Tgt Ion: 56 Resp: 7308
Ion Ratio Lower Upper
56 100
55 71.0 56.2 84.4

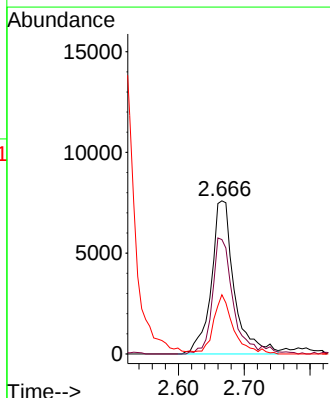
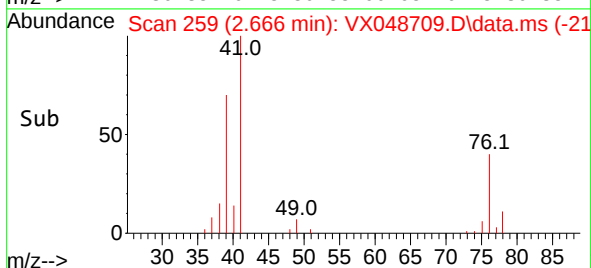
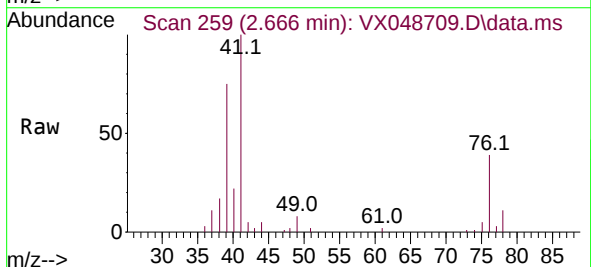
Manual Integrations
APPROVED

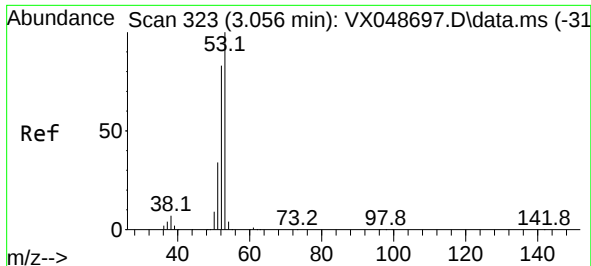
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#14
Allyl chloride
Concen: 4.783 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

Tgt Ion: 41 Resp: 18387
Ion Ratio Lower Upper
41 100
39 66.3 50.7 76.1
76 33.4 27.1 40.7





#15

Acrylonitrile

Concen: 25.312 ug/l

RT: 3.062 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX048709.D

Acq: 03 Dec 2025 16:29

Instrument :

MSVOA_X

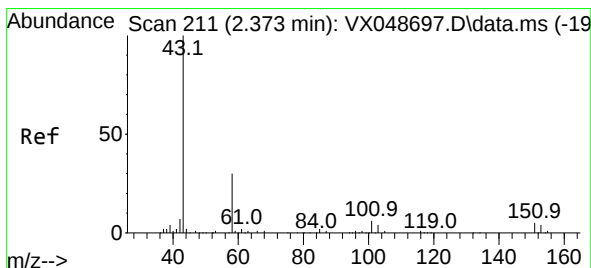
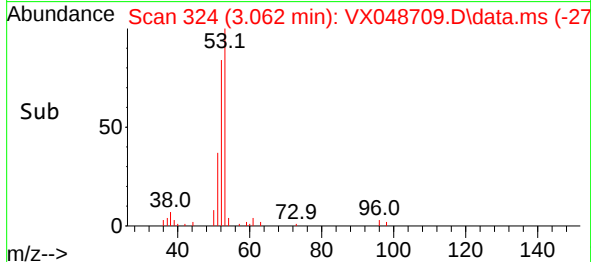
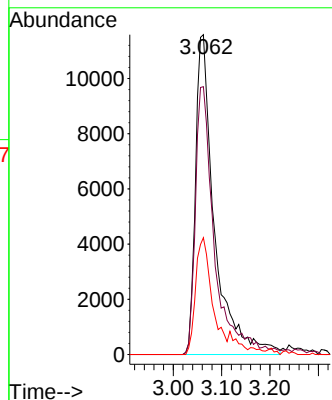
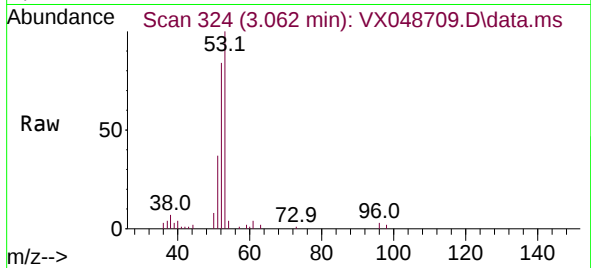
ClientSampleId :

LOQ-WATER-02-QT3-2025

Tgt Ion: 53	Resp: 31494
Ion Ratio	Lower Upper
53 100	
52 84.7	65.4 98.0
51 31.8	28.3 42.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#16

Acetone

Concen: 30.213 ug/l

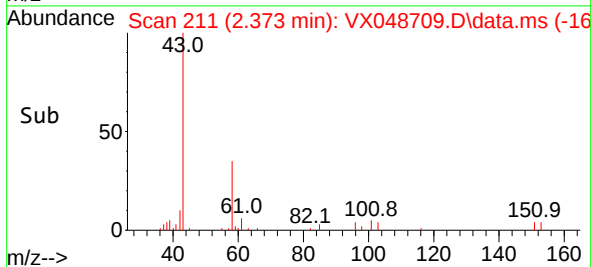
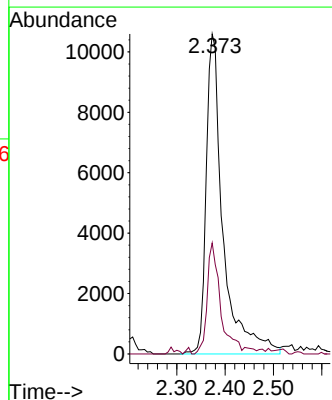
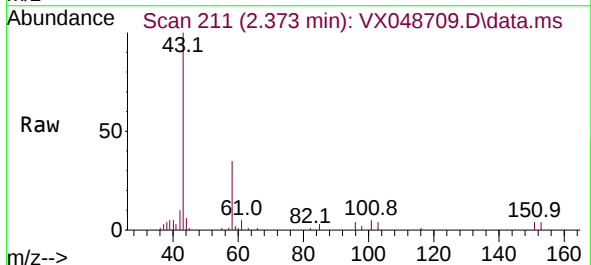
RT: 2.373 min Scan# 211

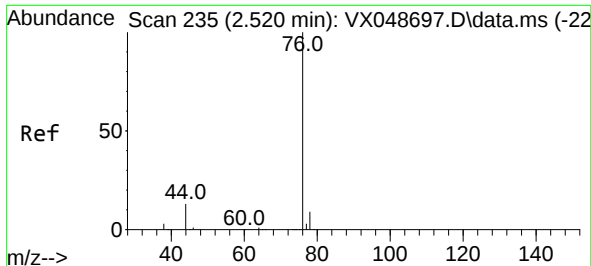
Delta R.T. 0.000 min

Lab File: VX048709.D

Acq: 03 Dec 2025 16:29

Tgt Ion: 43	Resp: 25555
Ion Ratio	Lower Upper
43 100	
58 33.9	24.9 37.3





#17

Carbon Disulfide

Concen: 4.962 ug/l

RT: 2.520 min Scan# 235

Delta R.T. 0.000 min

Lab File: VX048709.D

Acq: 03 Dec 2025 16:29

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2025

Tgt Ion: 76 Resp: 30700

Ion Ratio Lower Upper

76 100

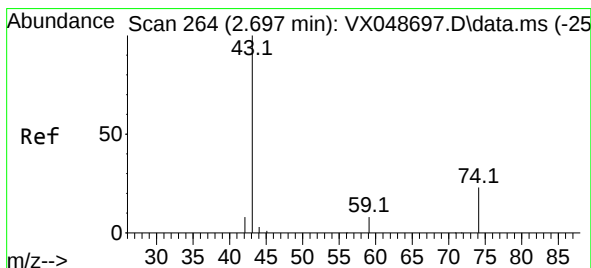
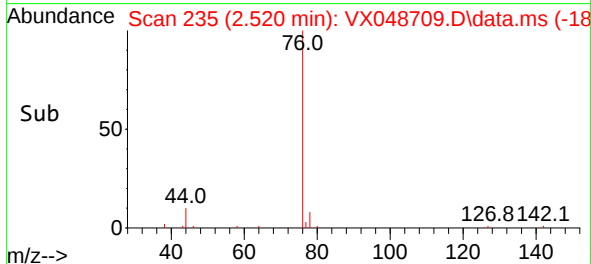
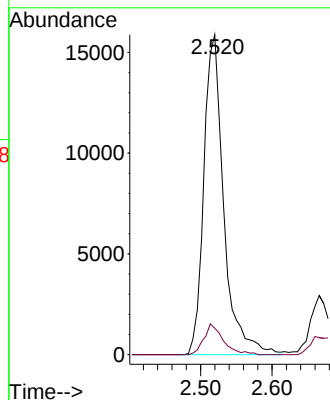
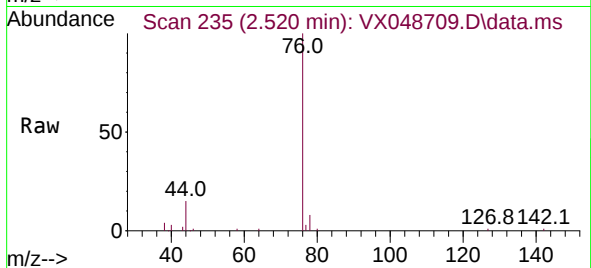
78 8.2 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#18

Methyl Acetate

Concen: 4.847 ug/l

RT: 2.697 min Scan# 264

Delta R.T. 0.000 min

Lab File: VX048709.D

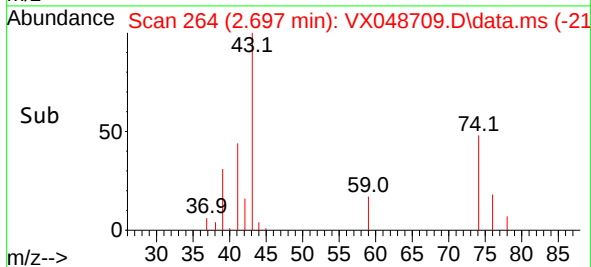
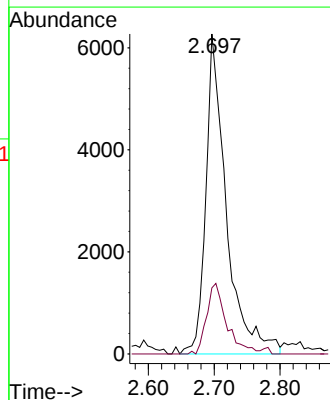
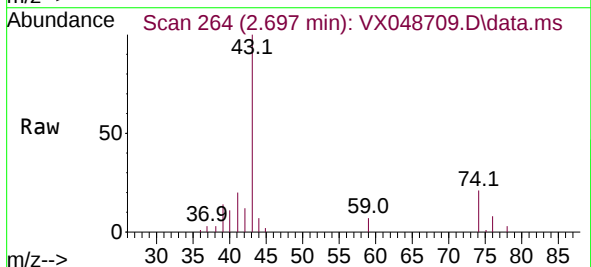
Acq: 03 Dec 2025 16:29

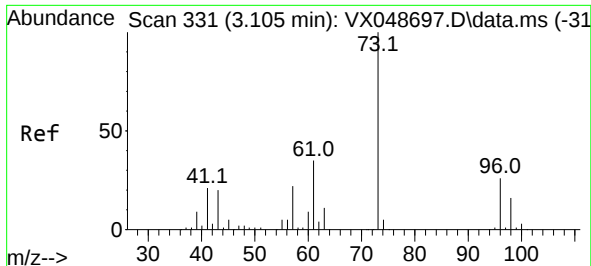
Tgt Ion: 43 Resp: 13579

Ion Ratio Lower Upper

43 100

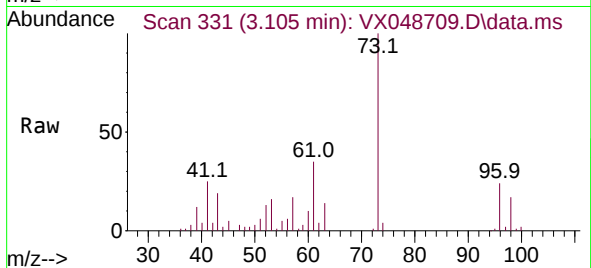
74 21.3 19.0 28.6





#19
Methyl tert-butyl Ether
Concen: 4.874 ug/l
RT: 3.105 min Scan# 331
Delta R.T. 0.000 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

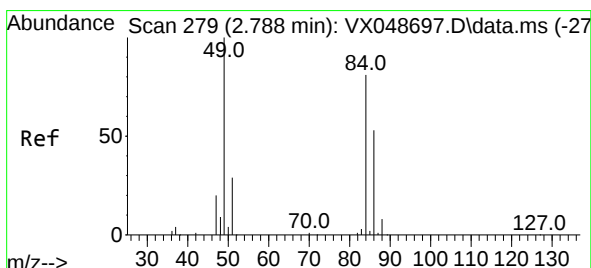
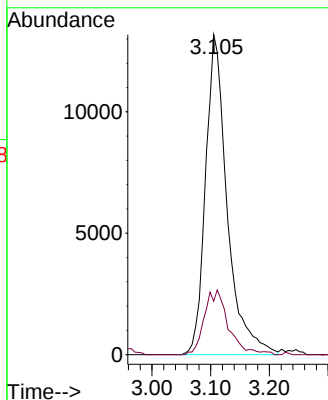
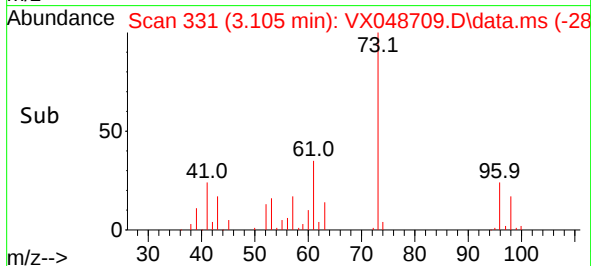
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2025



Tgt Ion: 73 Resp: 33735
Ion Ratio Lower Upper
73 100
57 16.7 17.5 26.3

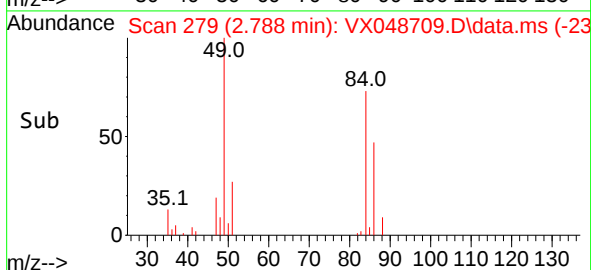
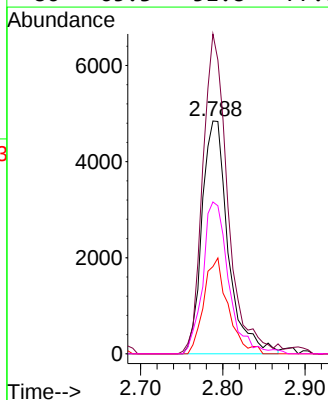
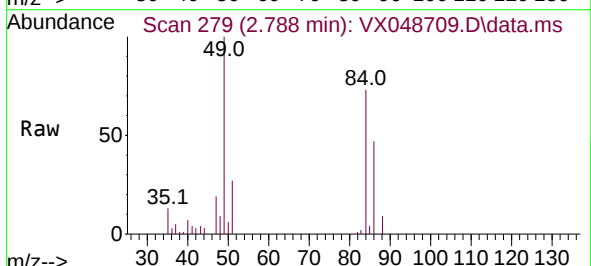
Manual Integrations
APPROVED

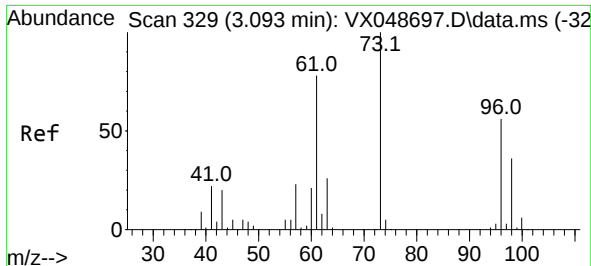
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#20
Methylene Chloride
Concen: 4.541 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

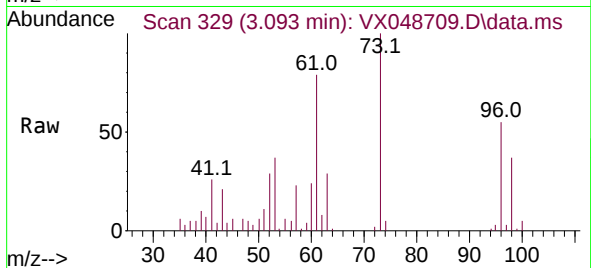
Tgt Ion: 84 Resp: 10721
Ion Ratio Lower Upper
84 100
49 137.4 98.6 148.0
51 37.5 28.7 43.1
86 65.3 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 4.925 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

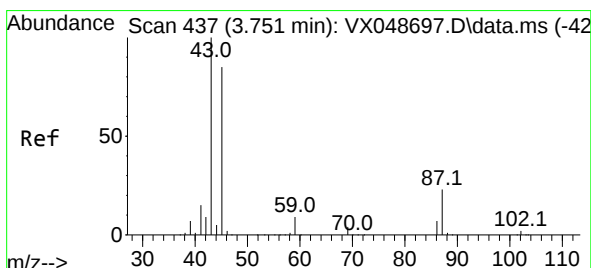
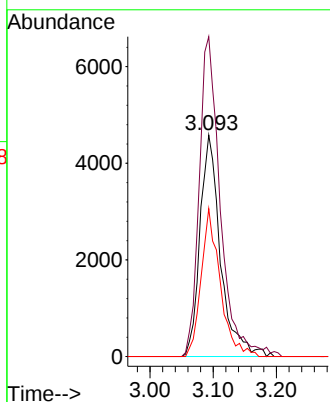
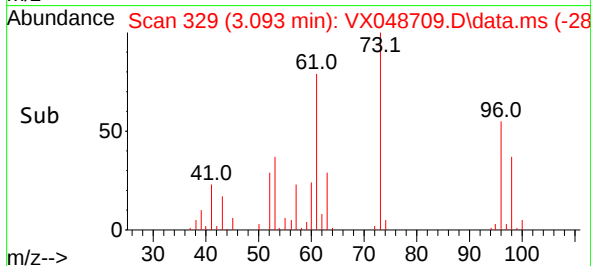
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2025



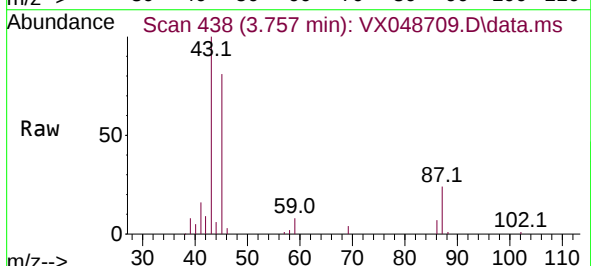
Tgt Ion: 96 Resp: 10325
Ion Ratio Lower Upper
96 100
61 144.5 110.6 166.0
98 66.8 51.1 76.7

Manual Integrations
APPROVED

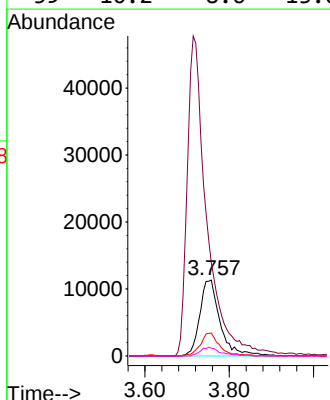
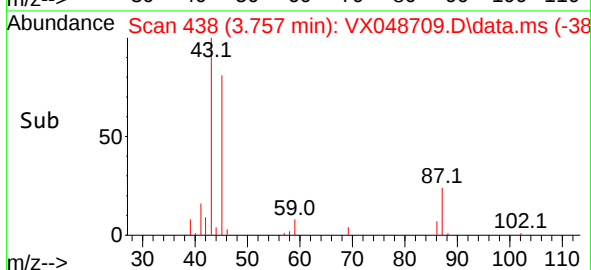
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

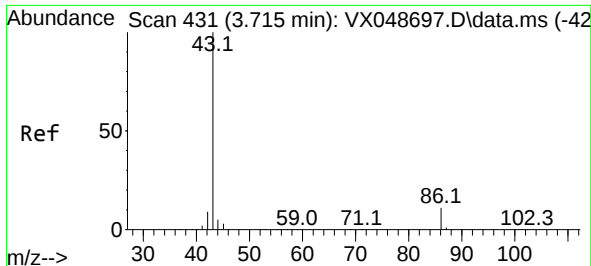


#22
Diisopropyl ether
Concen: 5.481 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29



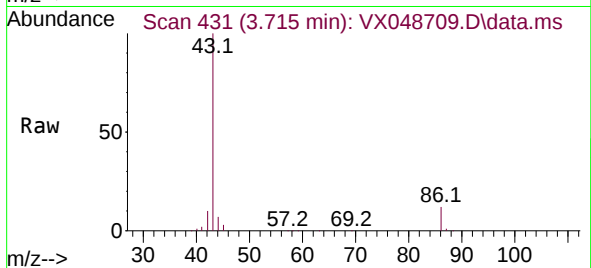
Tgt Ion: 45 Resp: 37730
Ion Ratio Lower Upper
45 100
43 119.6 94.6 141.8
87 30.0 21.7 32.5
59 10.2 8.6 13.0





#23
 Vinyl Acetate
 Concen: 25.861 ug/l
 RT: 3.715 min Scan# 431
 Delta R.T. 0.000 min
 Lab File: VX048709.D
 Acq: 03 Dec 2025 16:29

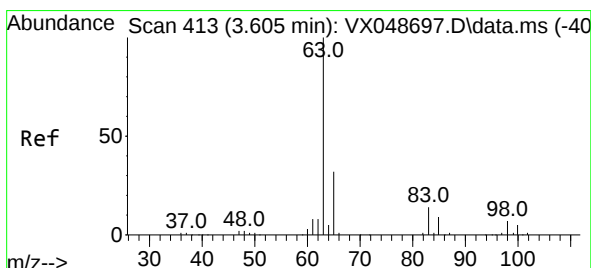
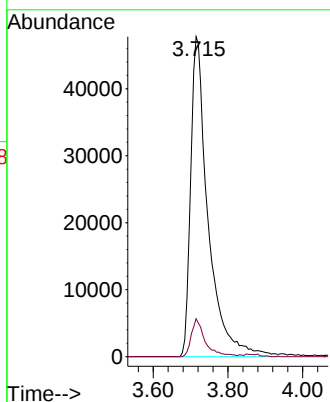
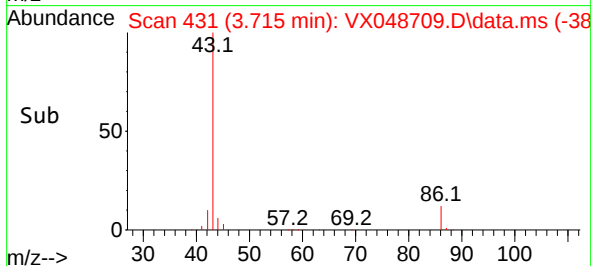
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2025



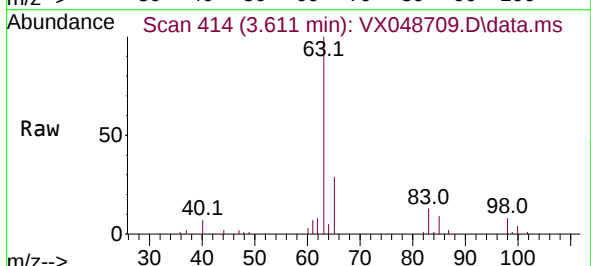
Tgt Ion: 43 Resp: 154746
 Ion Ratio Lower Upper
 43 100
 86 11.8 8.6 12.8

Manual Integrations
 APPROVED

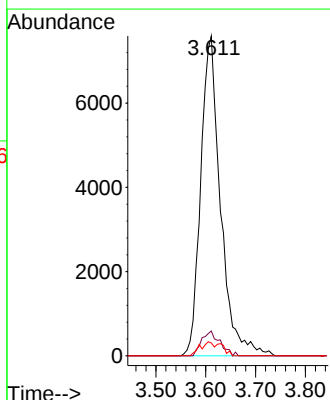
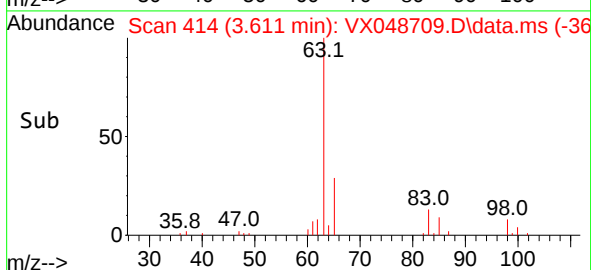
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025

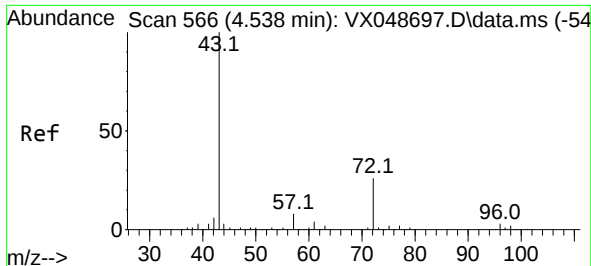


#24
 1,1-Dichloroethane
 Concen: 5.343 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX048709.D
 Acq: 03 Dec 2025 16:29



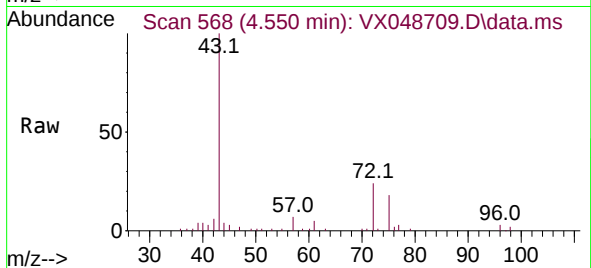
Tgt Ion: 63 Resp: 20945
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.5
 100 4.0 2.3 6.9





#25
2-Butanone
Concen: 27.650 ug/l
RT: 4.550 min Scan# 50
Delta R.T. 0.012 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

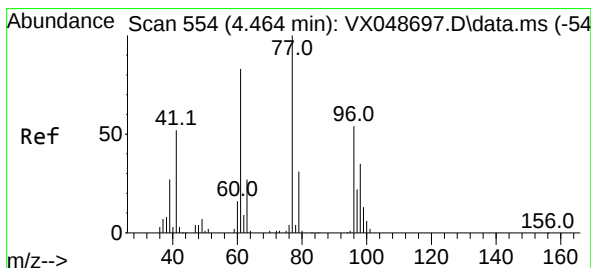
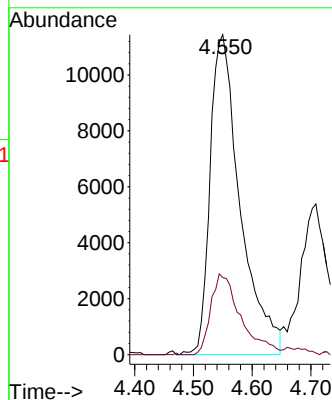
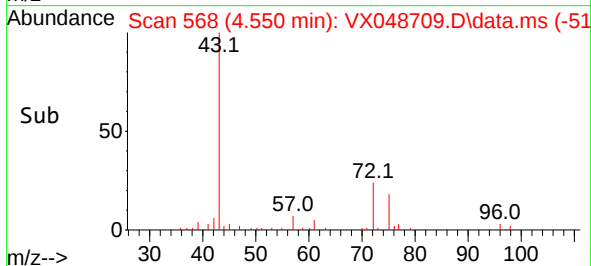
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2025



Tgt Ion: 43 Resp: 40726
Ion Ratio Lower Upper
43 100
72 24.1 20.6 31.0

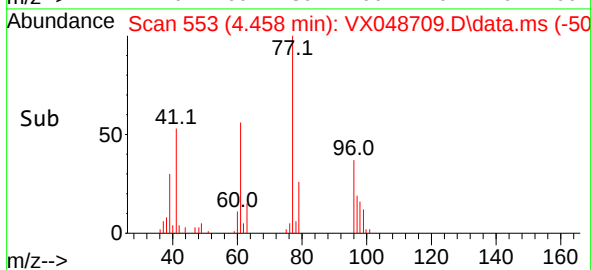
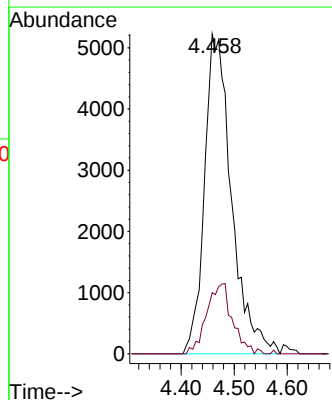
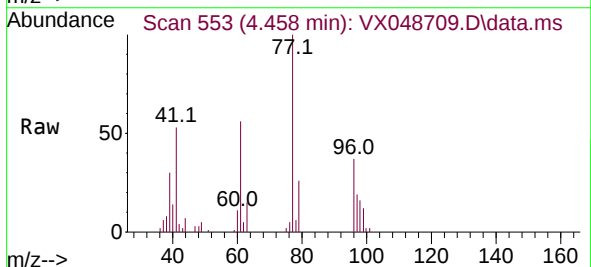
Manual Integrations
APPROVED

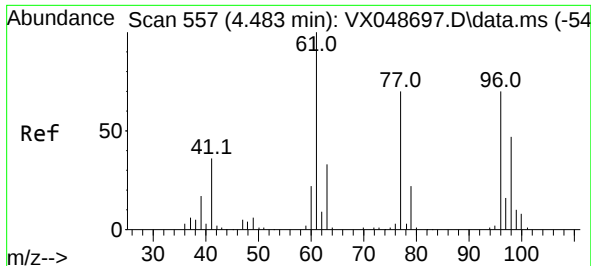
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#26
2,2-Dichloropropane
Concen: 5.105 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

Tgt Ion: 77 Resp: 18459
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#





#27

cis-1,2-Dichloroethene

Concen: 5.289 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX048709.D

Acq: 03 Dec 2025 16:29

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2025

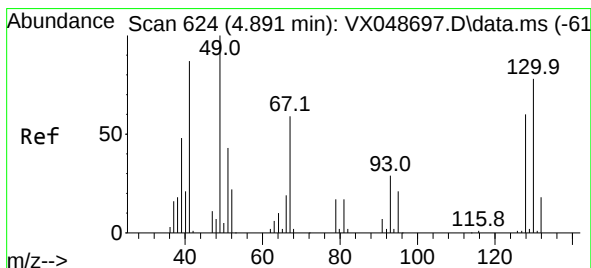
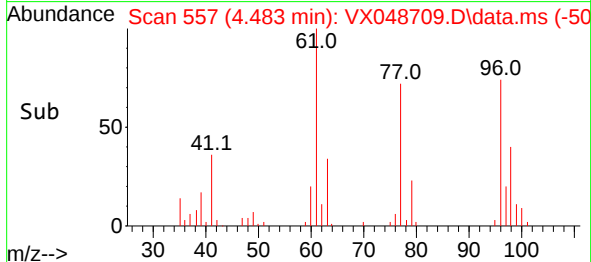
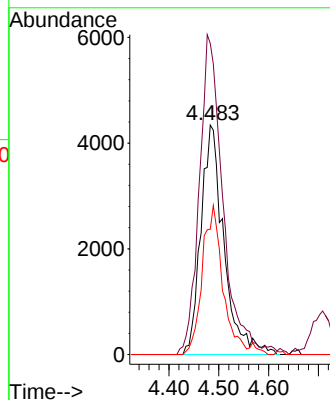
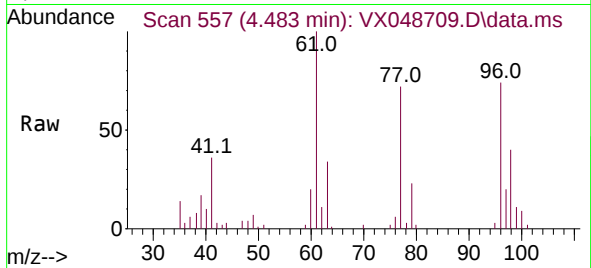
Tgt Ion: 96	Resp: 13900
Ion Ratio	Lower Upper
96	100
61	141.7 0.0 291.6
98	57.7 0.0 128.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#28

Bromochloromethane

Concen: 4.880 ug/l

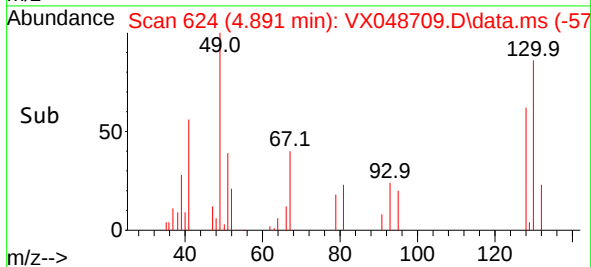
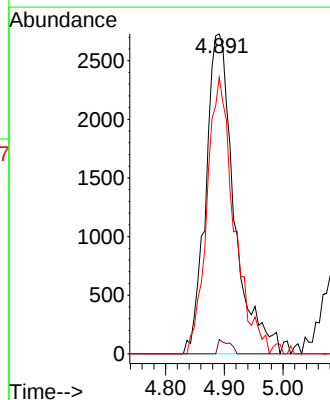
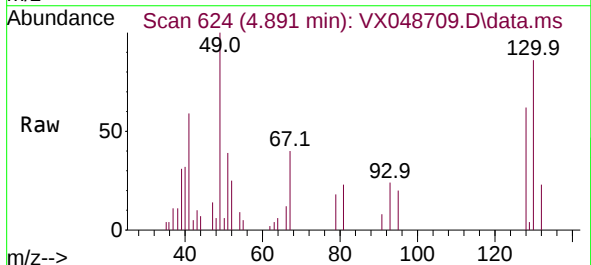
RT: 4.891 min Scan# 624

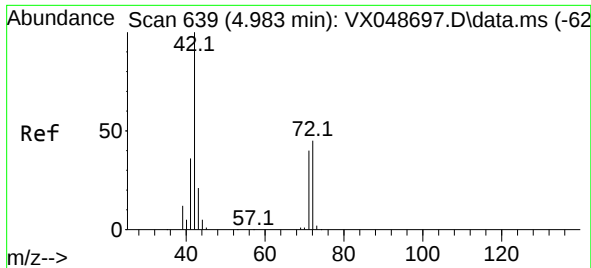
Delta R.T. 0.000 min

Lab File: VX048709.D

Acq: 03 Dec 2025 16:29

Tgt Ion: 49	Resp: 9185
Ion Ratio	Lower Upper
49	100
129	1.8 0.0 4.0
130	82.4 61.8 92.8





#29

Tetrahydrofuran

Concen: 27.450 ug/l

RT: 4.989 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX048709.D

Acq: 03 Dec 2025 16:29

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2025

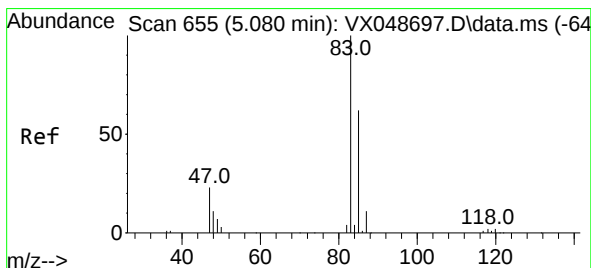
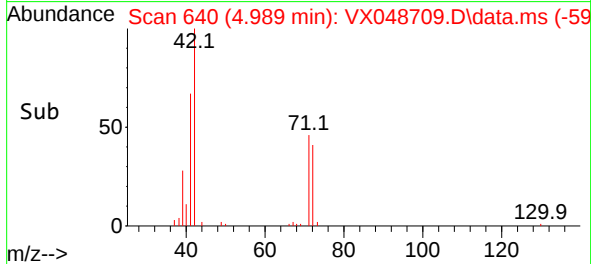
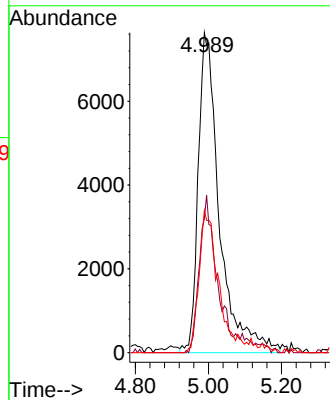
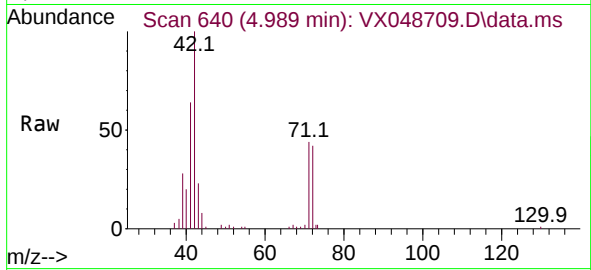
Tgt Ion: 42	Resp: 30792
Ion Ratio	Lower Upper
42 100	
72 39.4	36.6 55.0
71 39.0	33.0 49.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#30

Chloroform

Concen: 5.237 ug/l

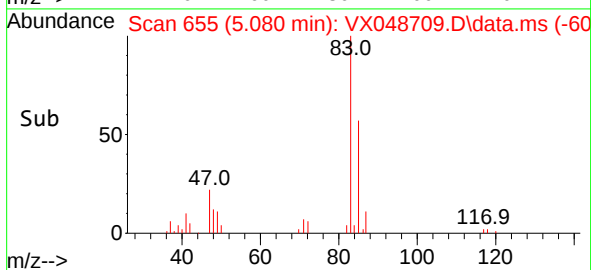
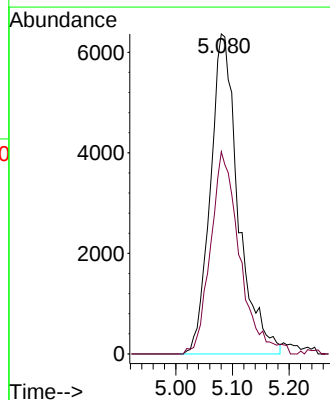
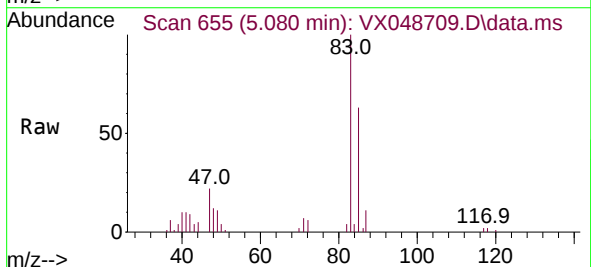
RT: 5.080 min Scan# 655

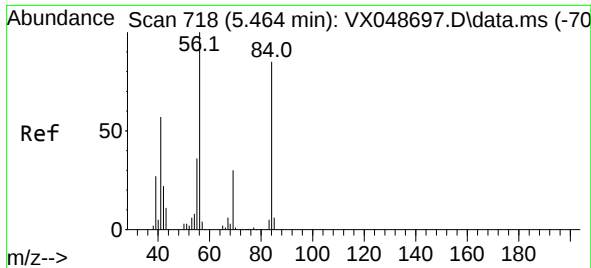
Delta R.T. 0.000 min

Lab File: VX048709.D

Acq: 03 Dec 2025 16:29

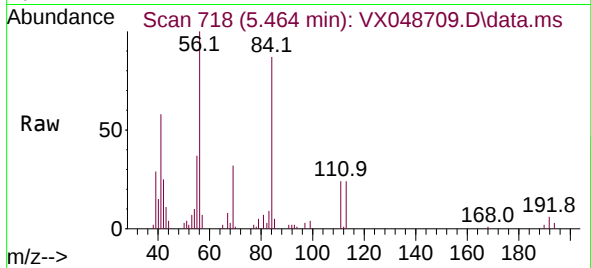
Tgt Ion: 83	Resp: 21745
Ion Ratio	Lower Upper
83 100	
85 63.2	49.6 74.4





#31
Cyclohexane
Concen: 5.152 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

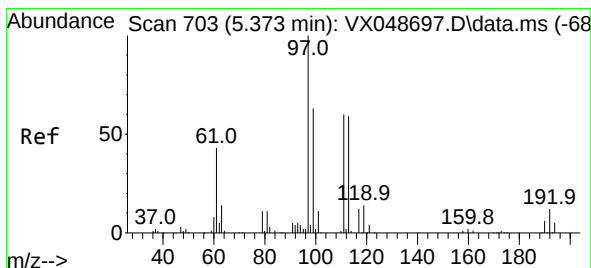
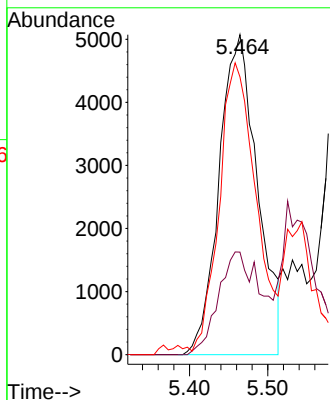
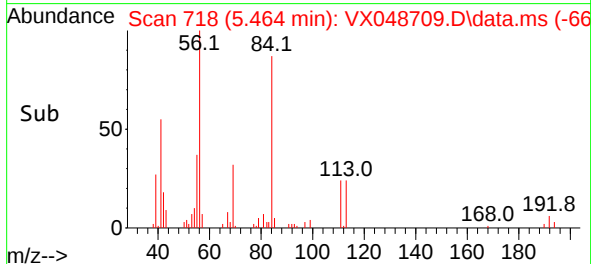
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT3-2025



Tgt Ion: 56 Resp: 17205
Ion Ratio Lower Upper
56 100
69 32.0 24.2 36.4
84 83.9 68.2 102.2

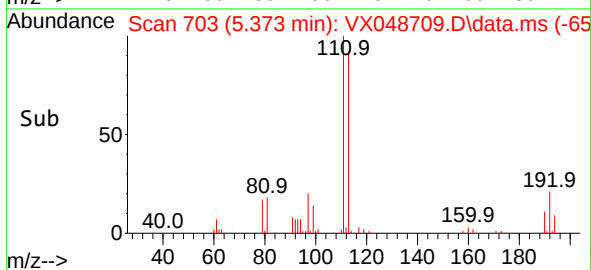
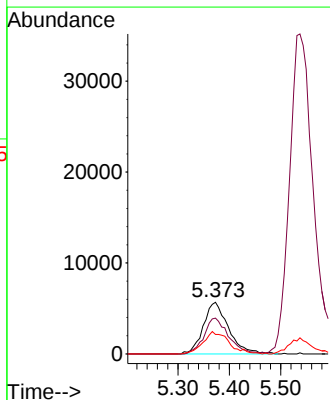
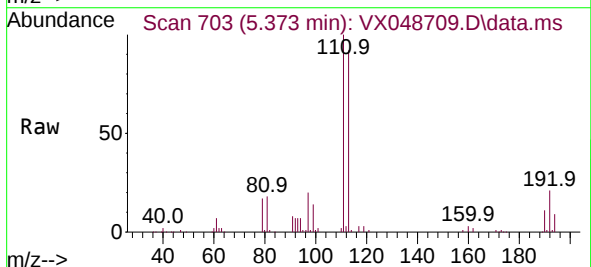
Manual Integrations
APPROVED

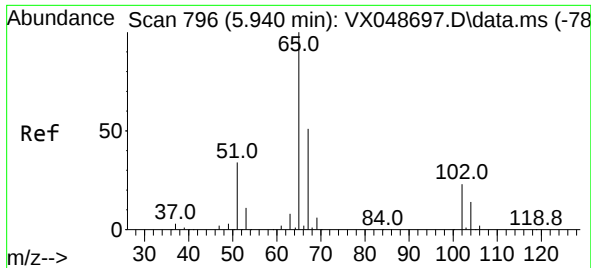
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#32
1,1,1-Trichloroethane
Concen: 5.171 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

Tgt Ion: 97 Resp: 19307
Ion Ratio Lower Upper
97 100
99 67.3 50.2 75.4
61 43.7 34.2 51.4





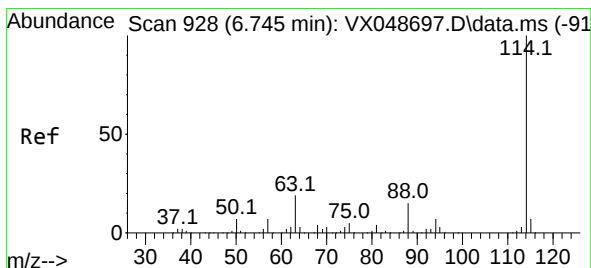
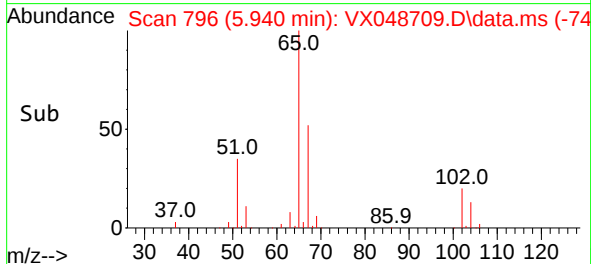
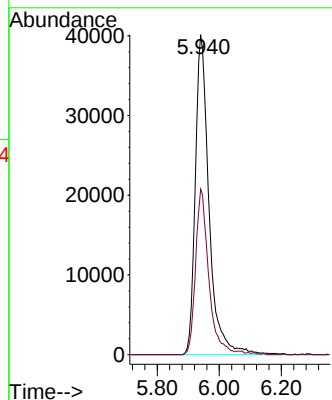
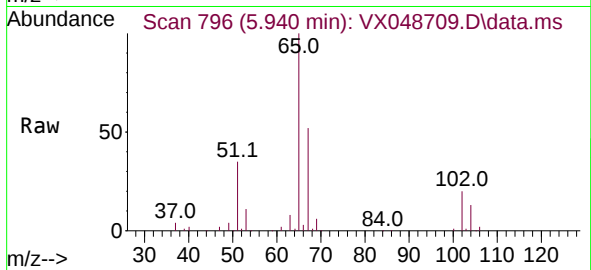
#33
1,2-Dichloroethane-d4
Concen: 47.579 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

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

Tgt Ion: 65 Resp: 123135
Ion Ratio Lower Upper
65 100
67 49.4 0.0 106.0

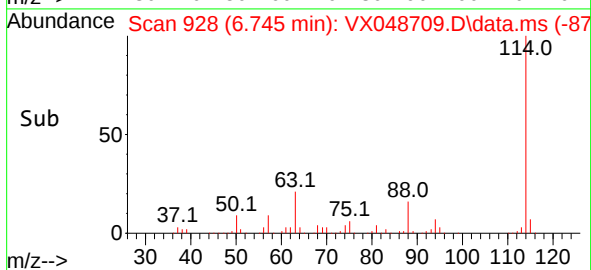
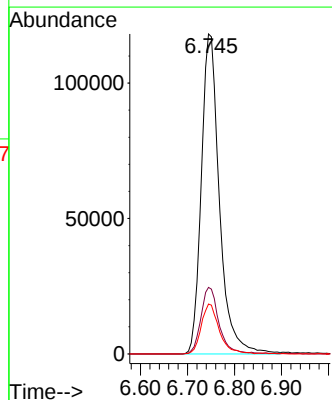
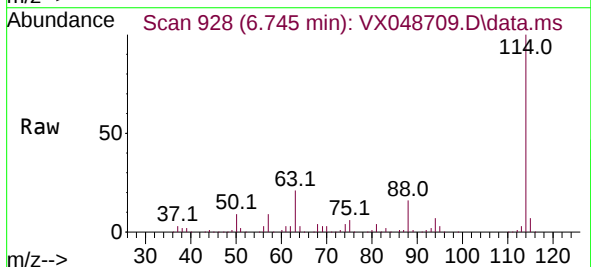
Manual Integrations
APPROVED

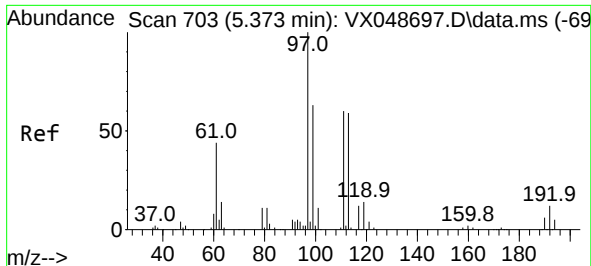
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. 0.000 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

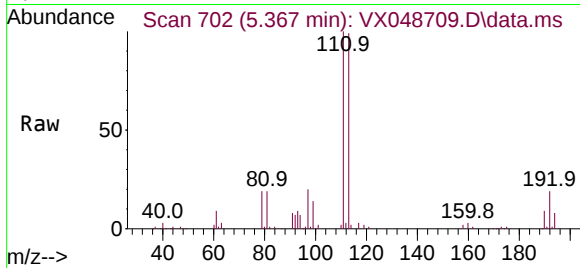
Tgt Ion:114 Resp: 316759
Ion Ratio Lower Upper
114 100
63 20.8 0.0 38.0
88 15.6 0.0 31.0





#35
Dibromofluoromethane
Concen: 43.454 ug/l
RT: 5.367 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

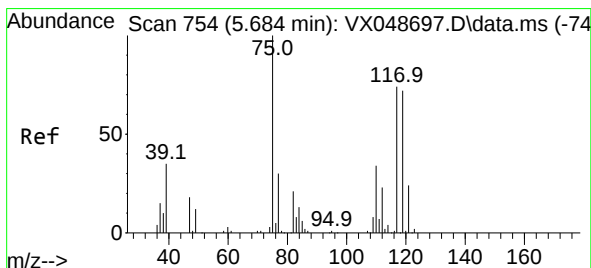
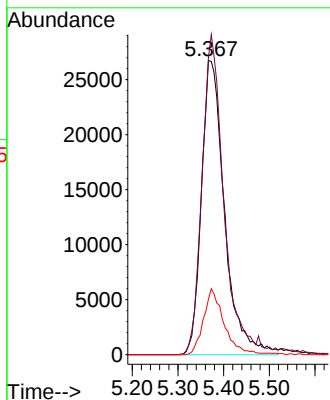
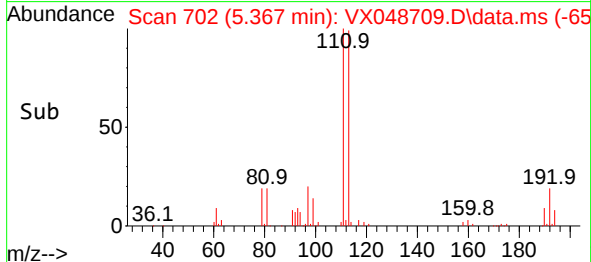
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT3-2025



Tgt Ion: 113 Resp: 93818
Ion Ratio Lower Upper
113 100
111 101.5 81.9 122.9
192 19.9 15.5 23.3

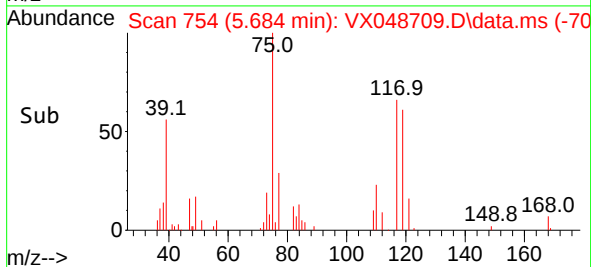
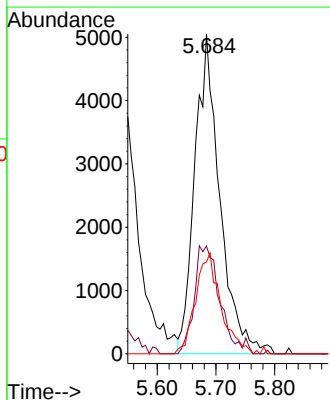
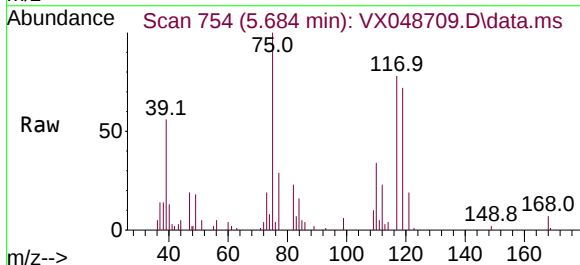
Manual Integrations
APPROVED

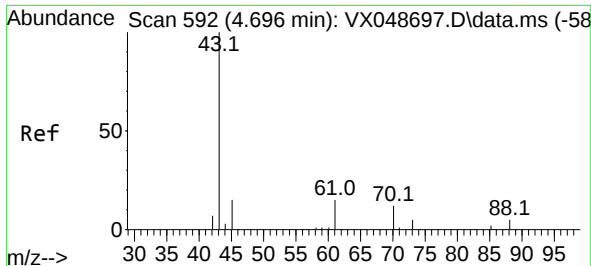
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#36
1,1-Dichloropropene
Concen: 5.121 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

Tgt Ion: 75 Resp: 14938
Ion Ratio Lower Upper
75 100
110 34.7 17.3 51.9
77 31.8 24.9 37.3





#37

Ethyl Acetate

Concen: 5.373 ug/l

RT: 4.708 min Scan# 592

Delta R.T. 0.012 min

Lab File: VX048709.D

Acq: 03 Dec 2025 16:29

Instrument :

MSVOA_X

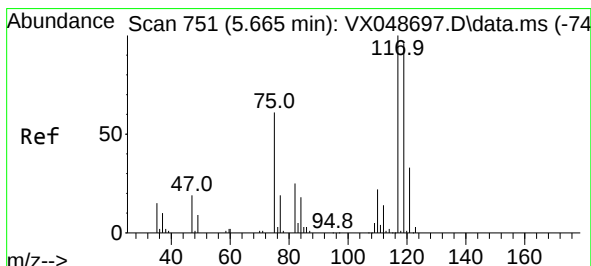
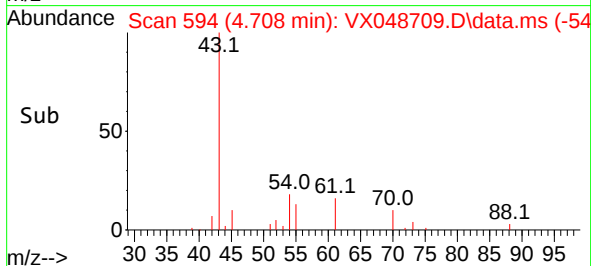
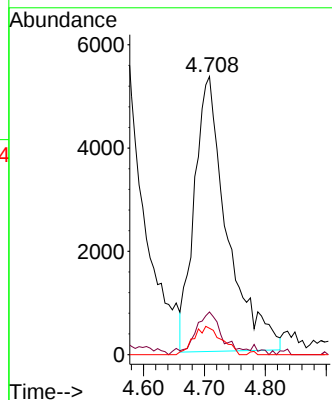
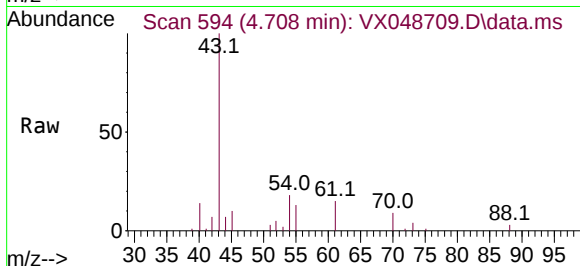
ClientSampleId :

LOQ-WATER-02-QT3-2025

Tgt Ion: 43	Resp: 19900
Ion Ratio	Lower Upper
43 100	
61 9.6	9.4 14.0
70 8.6	7.3 10.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#38

Carbon Tetrachloride

Concen: 5.529 ug/l

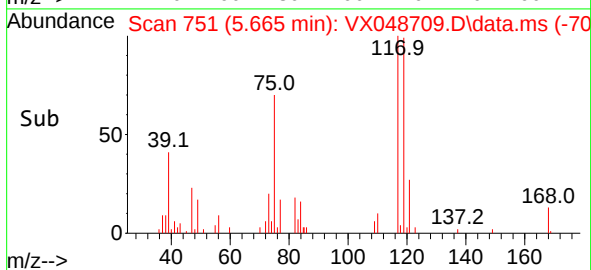
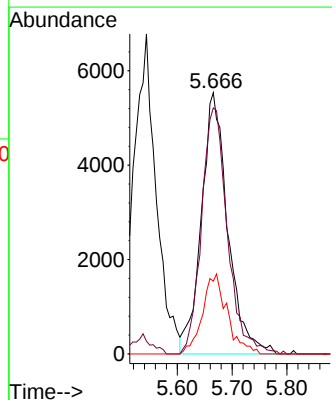
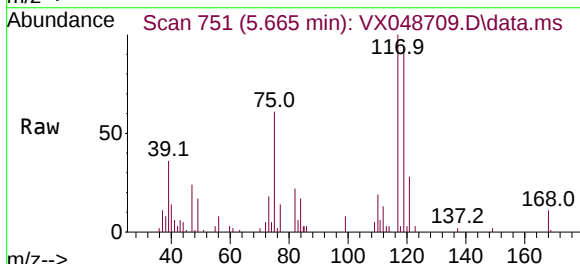
RT: 5.665 min Scan# 751

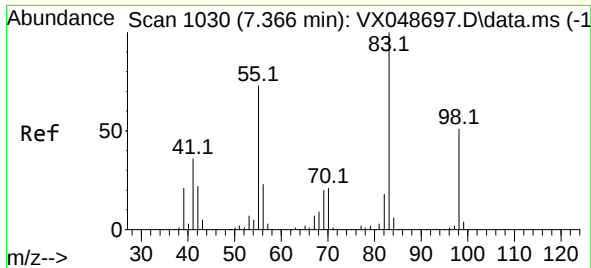
Delta R.T. 0.000 min

Lab File: VX048709.D

Acq: 03 Dec 2025 16:29

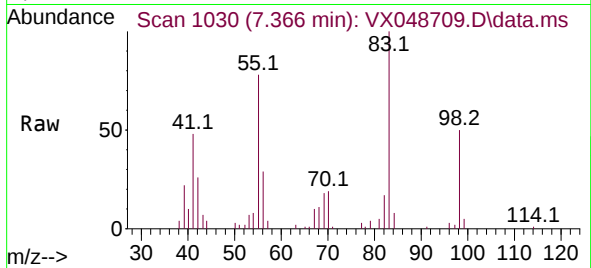
Tgt Ion: 117	Resp: 18536
Ion Ratio	Lower Upper
117 100	
119 94.2	76.0 114.0
121 27.8	26.1 39.1





#39
Methylcyclohexane
Concen: 5.028 ug/l
RT: 7.366 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

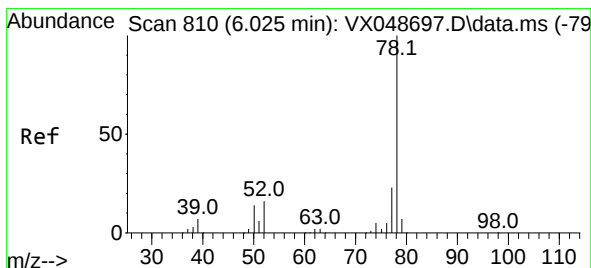
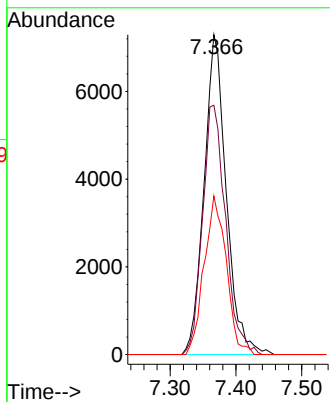
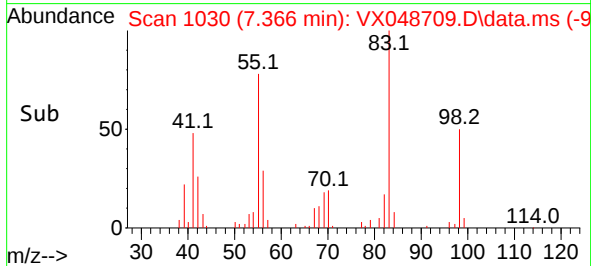
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT3-2025



Tgt Ion: 83 Resp: 17074
Ion Ratio Lower Upper
83 100
55 77.9 58.2 87.2
98 49.6 41.2 61.8

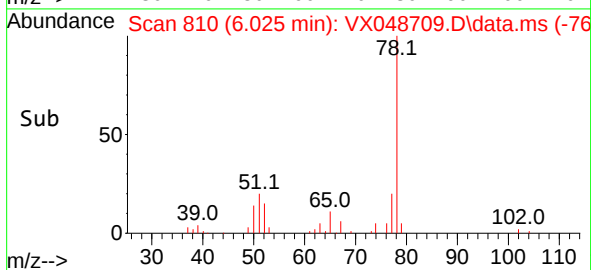
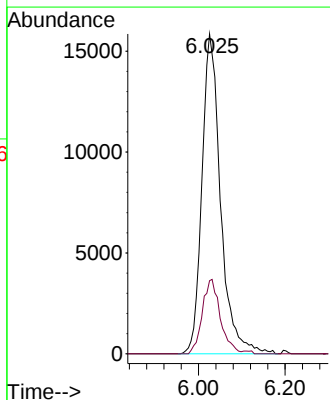
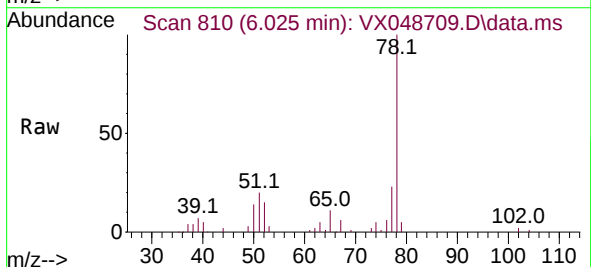
Manual Integrations
APPROVED

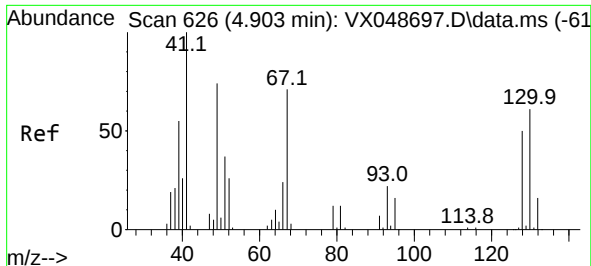
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#40
Benzene
Concen: 5.528 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

Tgt Ion: 78 Resp: 47401
Ion Ratio Lower Upper
78 100
77 22.9 18.5 27.7





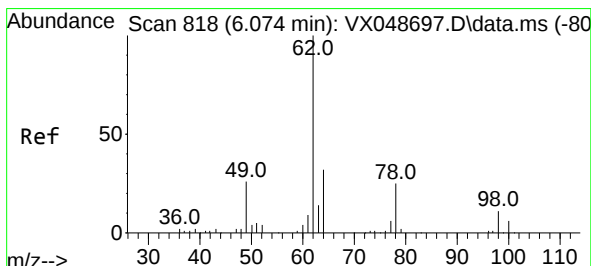
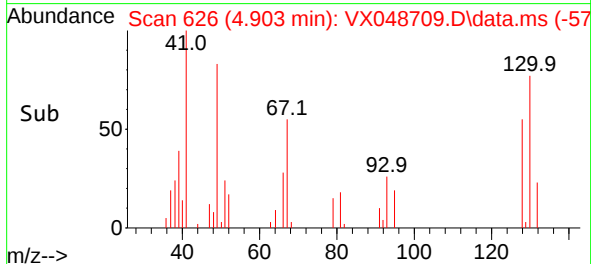
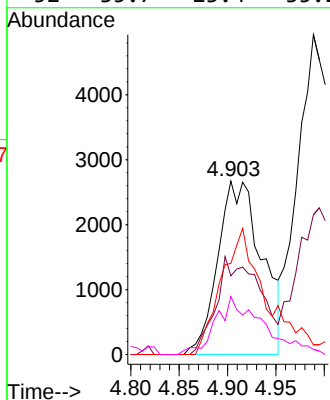
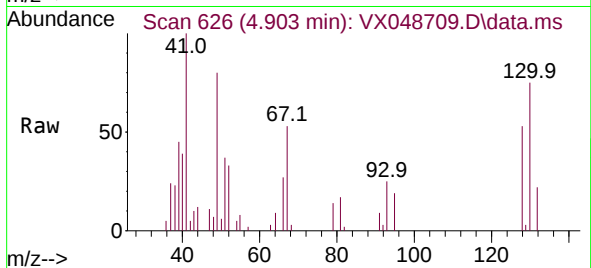
#41
Methacrylonitrile
Concen: 5.054 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

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

Tgt Ion: 41 Resp: 8473
Ion Ratio Lower Upper
41 100
39 27.2 44.9 67.3
67 74.0 63.7 95.5
52 35.7 23.4 35.2#

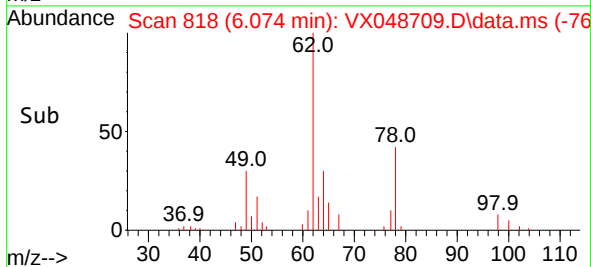
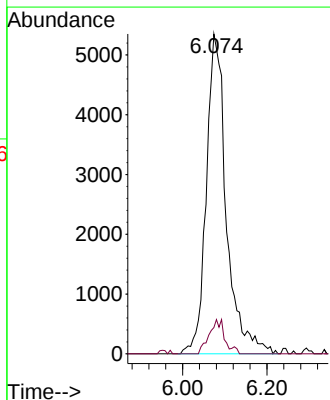
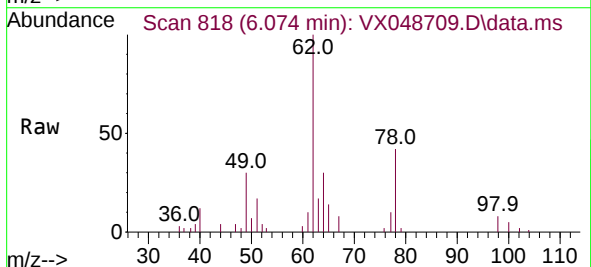
Manual Integrations
APPROVED

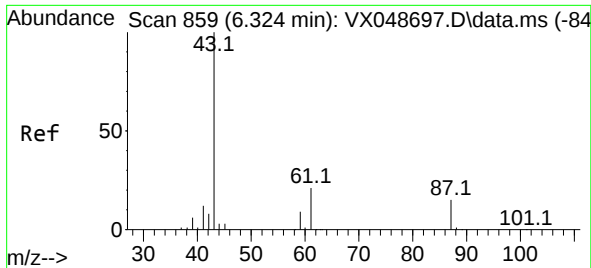
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#42
1,2-Dichloroethane
Concen: 5.741 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.000 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

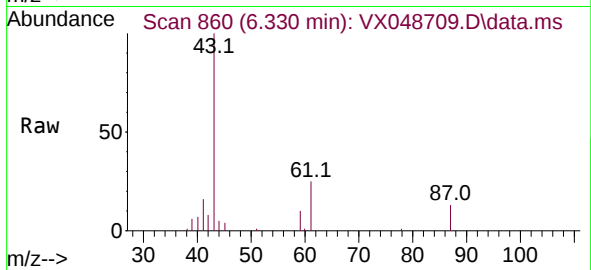
Tgt Ion: 62 Resp: 17675
Ion Ratio Lower Upper
62 100
98 8.3 0.0 20.0





#43
Isopropyl Acetate
Concen: 5.395 ug/l
RT: 6.330 min Scan# 860
Delta R.T. 0.006 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

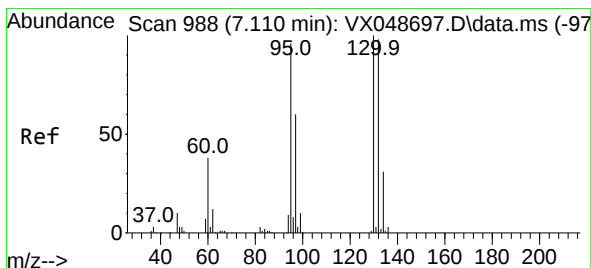
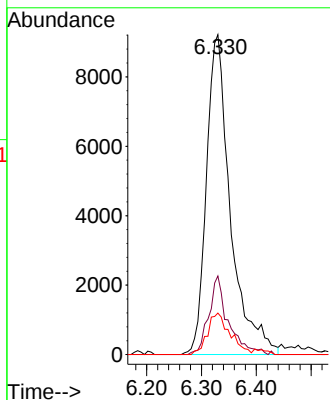
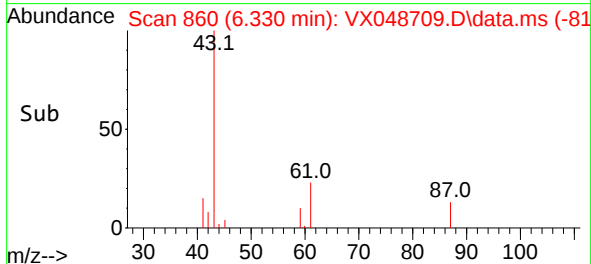
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2025



Tgt Ion: 43 Resp: 2806
Ion Ratio Lower Upper
43 100
61 20.0 17.3 25.9
87 12.2 11.8 17.6

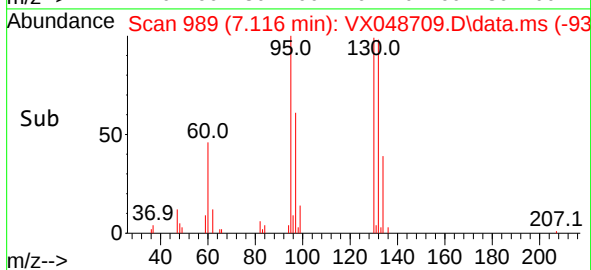
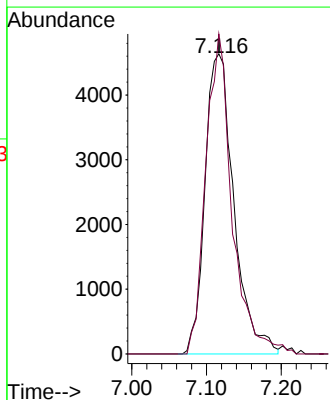
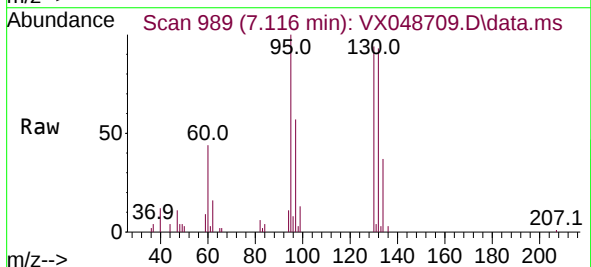
Manual Integrations
APPROVED

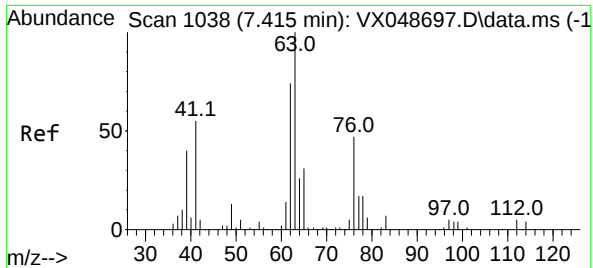
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#44
Trichloroethene
Concen: 5.513 ug/l
RT: 7.116 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

Tgt Ion:130 Resp: 12444
Ion Ratio Lower Upper
130 100
95 106.6 0.0 192.0





#45

1,2-Dichloropropane

Concen: 5.478 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VX048709.D

Acq: 03 Dec 2025 16:29

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2025

Tgt Ion: 63 Resp: 11486

Ion Ratio Lower Upper

63 100

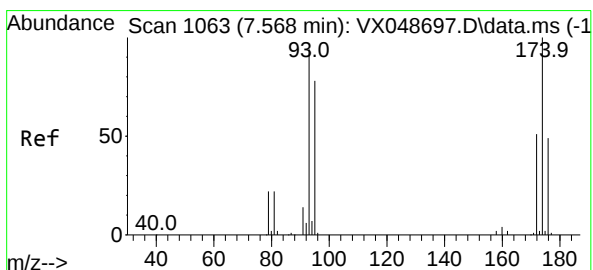
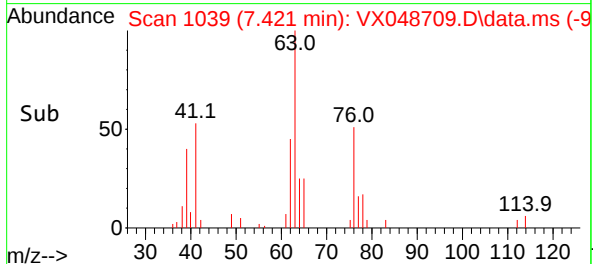
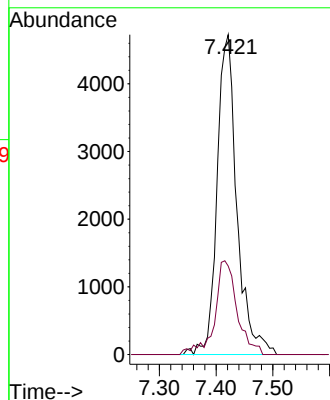
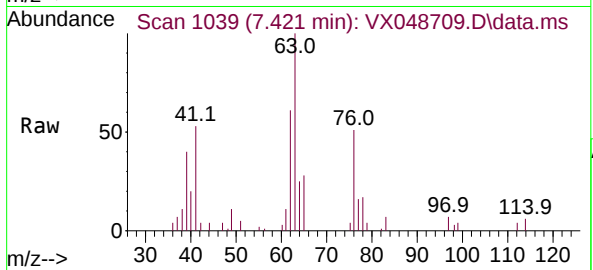
65 27.7 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#46

Dibromomethane

Concen: 5.388 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.006 min

Lab File: VX048709.D

Acq: 03 Dec 2025 16:29

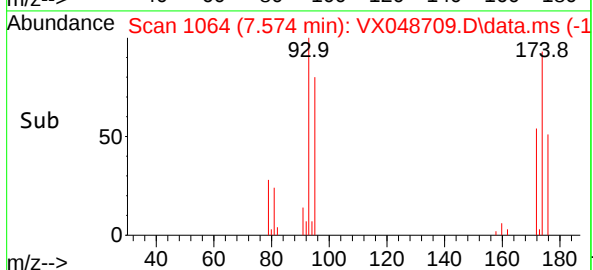
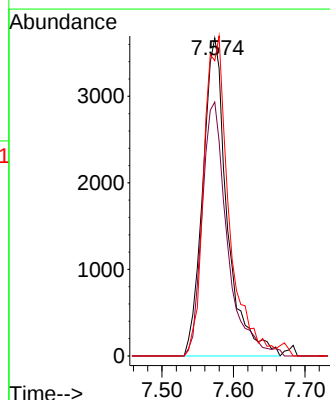
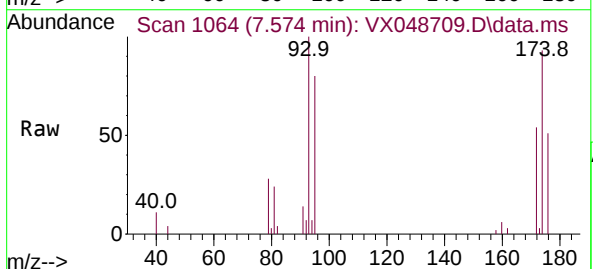
Tgt Ion: 93 Resp: 8687

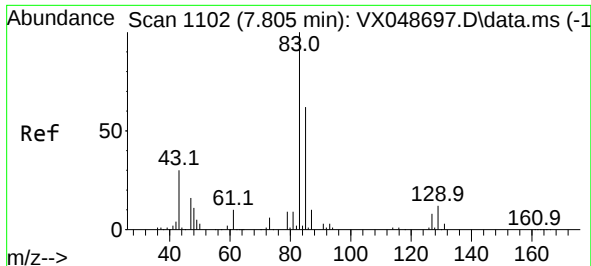
Ion Ratio Lower Upper

93 100

95 82.2 66.2 99.2

174 103.7 86.1 129.1





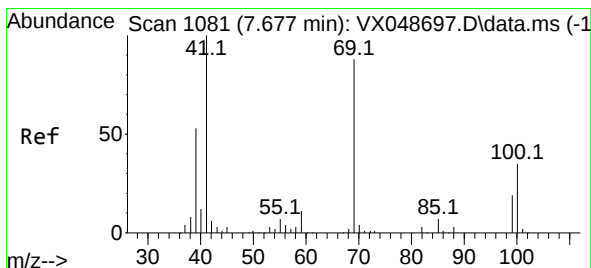
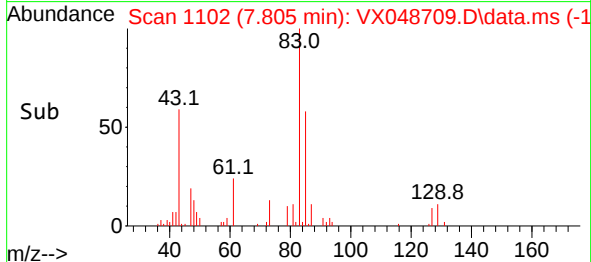
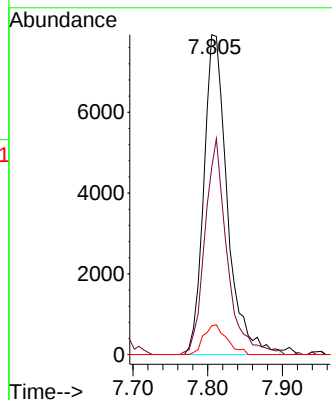
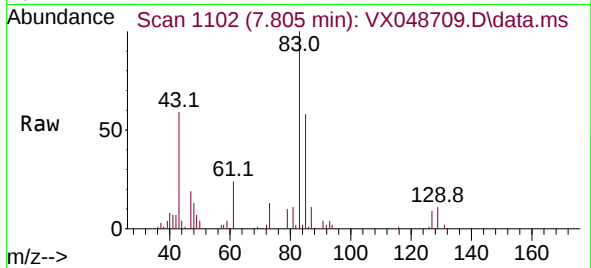
#47
Bromodichloromethane
Concen: 5.243 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

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

Tgt Ion: 83 Resp: 17332
Ion Ratio Lower Upper
83 100
85 58.4 49.8 74.8
127 9.0 6.7 10.1

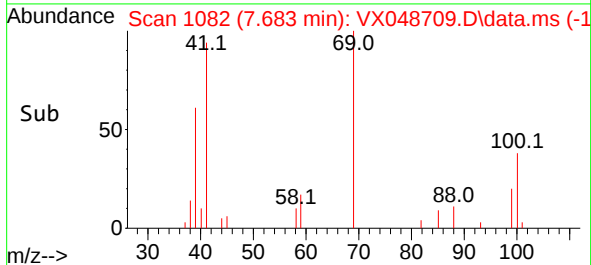
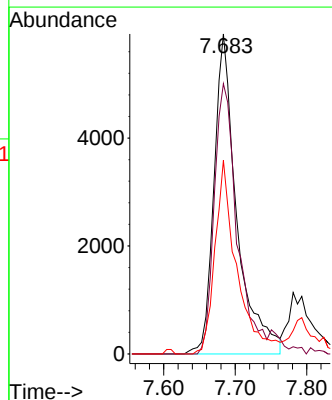
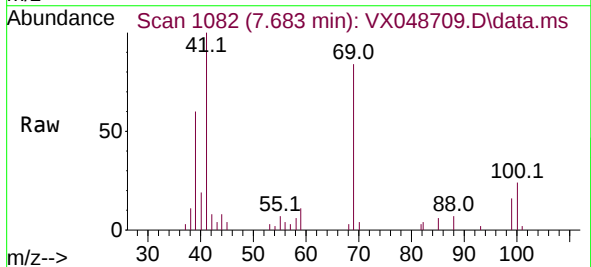
Manual Integrations
APPROVED

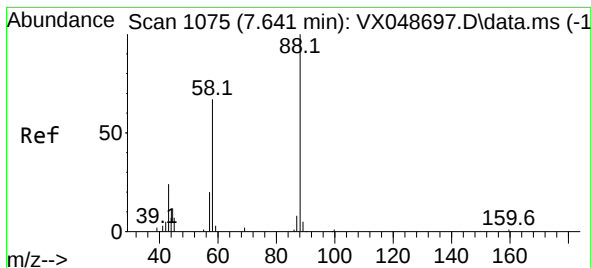
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#48
Methyl methacrylate
Concen: 5.288 ug/l
RT: 7.683 min Scan# 1082
Delta R.T. 0.006 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

Tgt Ion: 41 Resp: 13139
Ion Ratio Lower Upper
41 100
69 84.2 70.9 106.3
39 58.0 42.0 63.0





#49

1,4-Dioxane

Concen: 114.264 ug/l

RT: 7.653 min Scan# 1075

Delta R.T. 0.012 min

Lab File: VX048709.D

Acq: 03 Dec 2025 16:29

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2025

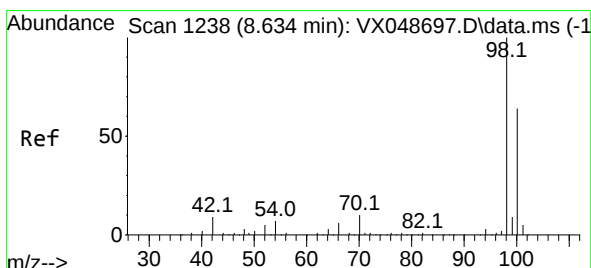
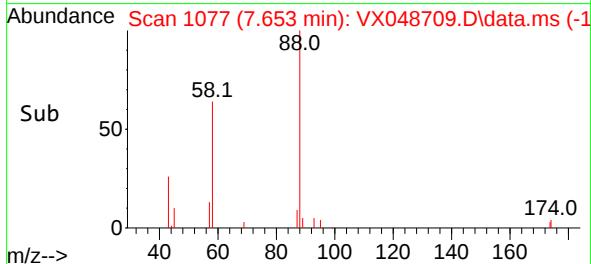
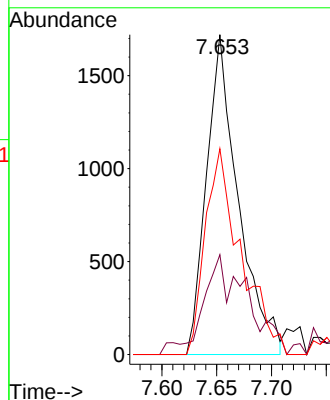
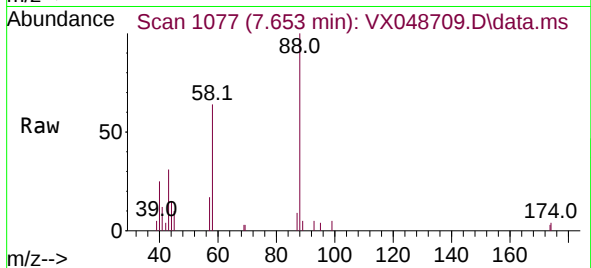
Tgt Ion: 88	Resp: 3480
Ion Ratio	Lower Upper
88 100	
43 0.0	27.9 41.9
58 71.6	54.9 82.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#50

Toluene-d8

Concen: 45.946 ug/l

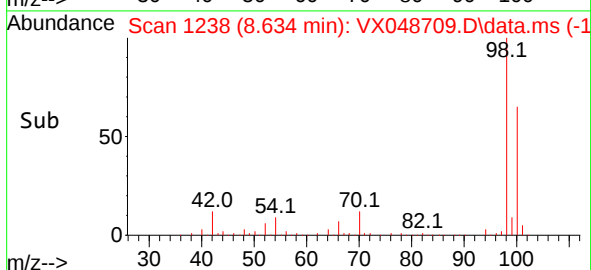
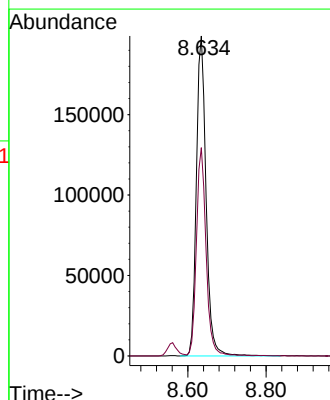
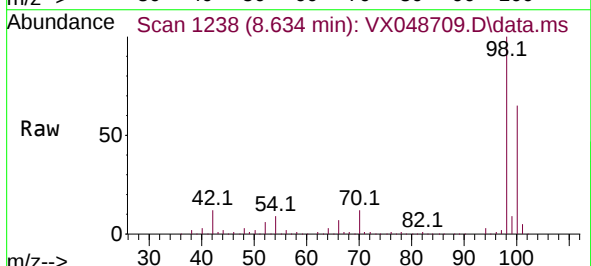
RT: 8.634 min Scan# 1238

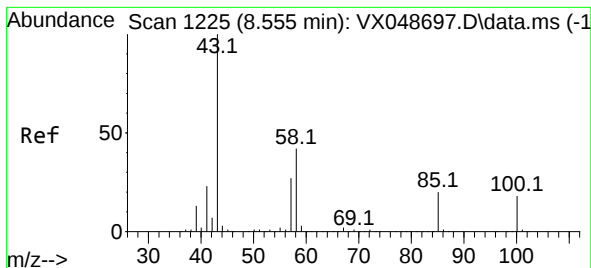
Delta R.T. 0.000 min

Lab File: VX048709.D

Acq: 03 Dec 2025 16:29

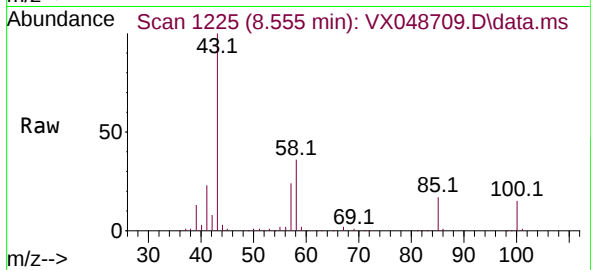
Tgt Ion: 98	Resp: 340176
Ion Ratio	Lower Upper
98 100	
100 64.4	53.4 80.2





#51
4-Methyl-2-Pentanone
Concen: 28.523 ug/l
RT: 8.555 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

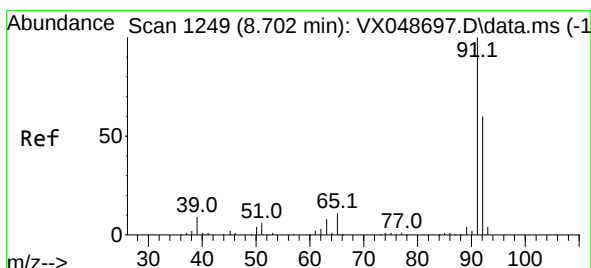
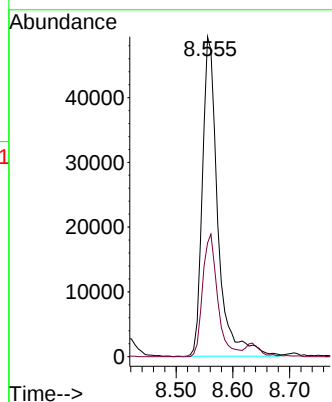
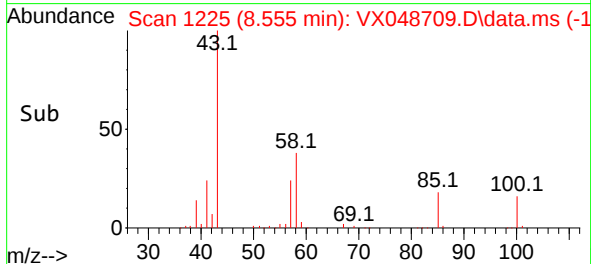
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2025



Tgt Ion: 43 Resp: 93504
Ion Ratio Lower Upper
43 100
58 37.4 33.6 50.4

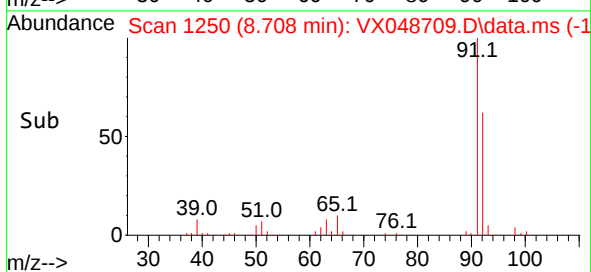
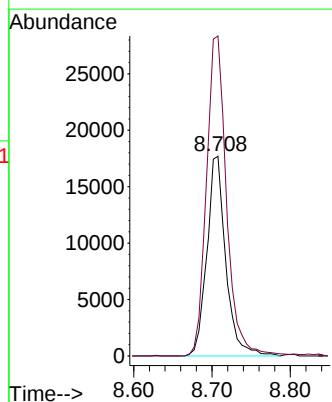
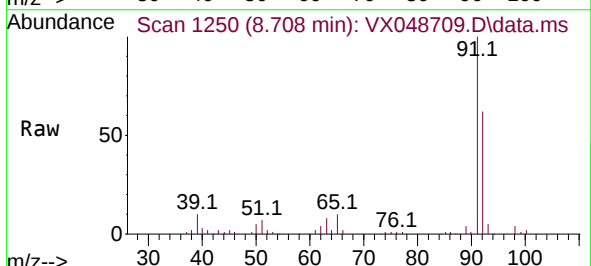
Manual Integrations
APPROVED

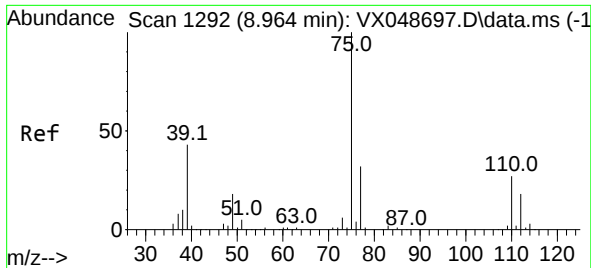
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#52
Toluene
Concen: 5.661 ug/l
RT: 8.708 min Scan# 1250
Delta R.T. 0.006 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

Tgt Ion: 92 Resp: 29790
Ion Ratio Lower Upper
92 100
91 170.3 134.7 202.1





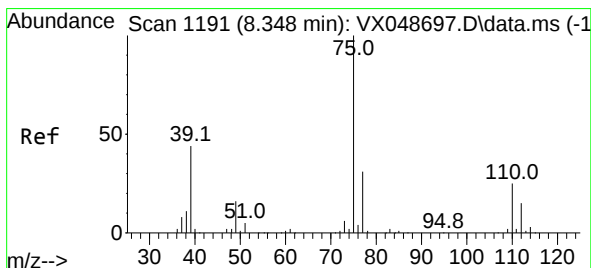
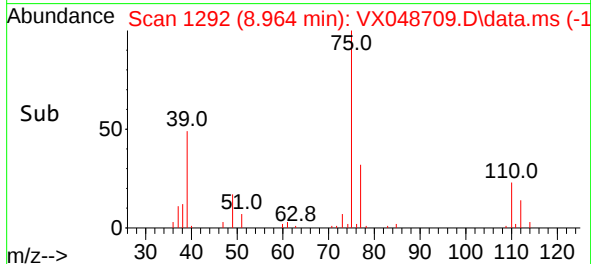
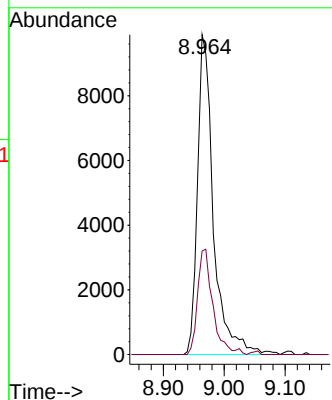
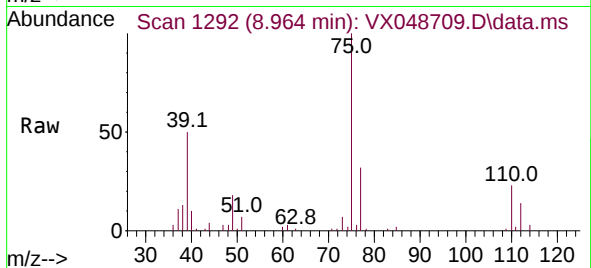
#53
t-1,3-Dichloropropene
Concen: 5.476 ug/l
RT: 8.964 min Scan# 1292
Delta R.T. 0.000 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

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

Tgt Ion: 75 Resp: 18019
Ion Ratio Lower Upper
75 100
77 32.4 25.9 38.9

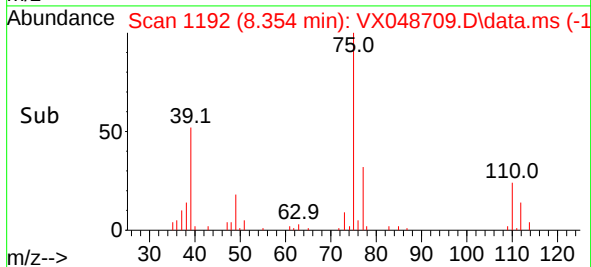
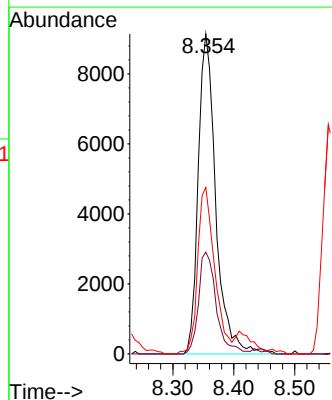
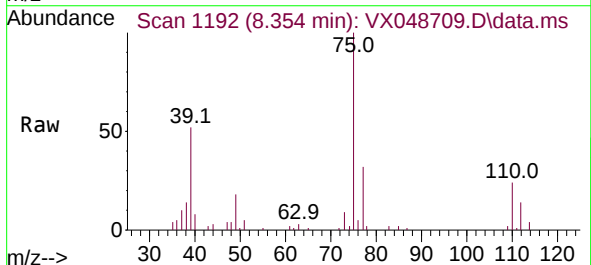
Manual Integrations
APPROVED

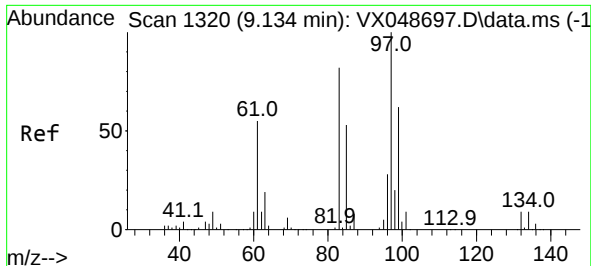
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#54
cis-1,3-Dichloropropene
Concen: 5.254 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.006 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

Tgt Ion: 75 Resp: 18337
Ion Ratio Lower Upper
75 100
77 31.8 25.1 37.7
39 51.3 35.2 52.8





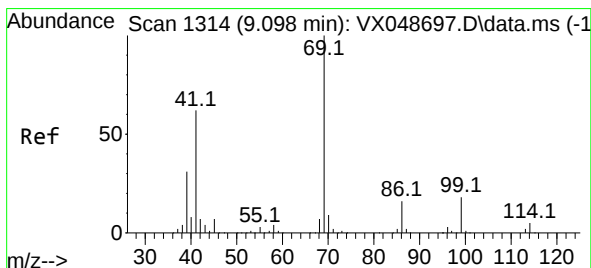
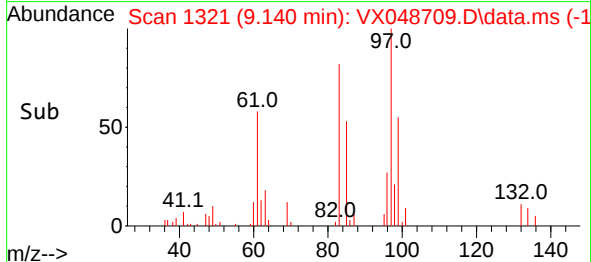
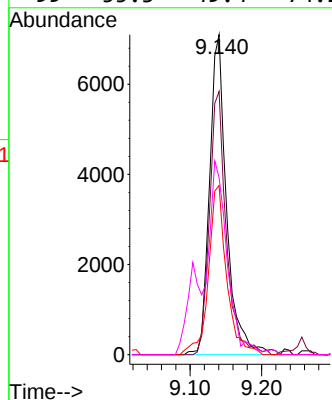
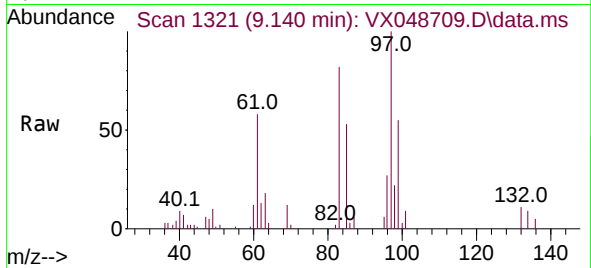
#55
1,1,2-Trichloroethane
Concen: 5.656 ug/l
RT: 9.140 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

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

Tgt Ion:	97	Resp:	11800
Ion	Ratio	Lower	Upper
97	100		
83	82.2	65.8	98.6
85	52.8	42.5	63.7
99	55.3	49.4	74.2

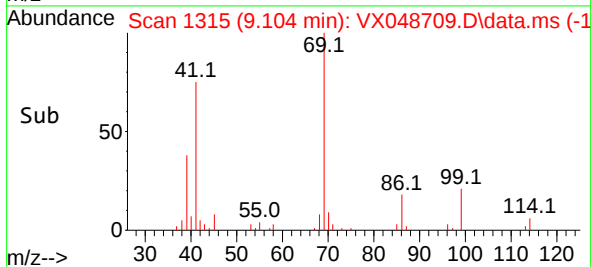
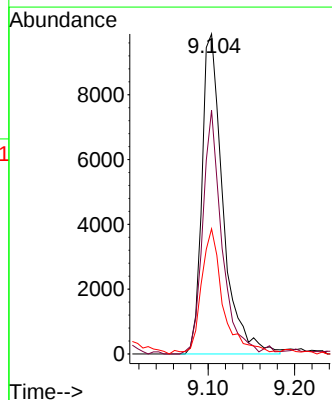
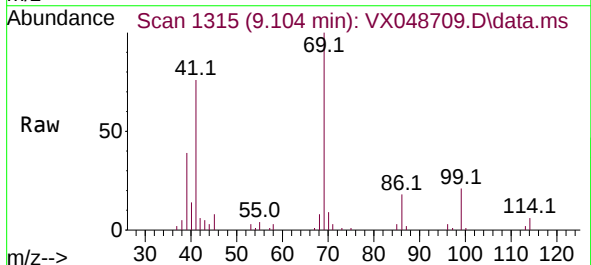
Manual Integrations
APPROVED

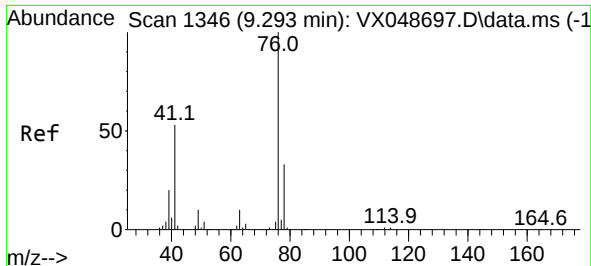
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#56
Ethyl methacrylate
Concen: 5.002 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

Tgt Ion:	69	Resp:	16721
Ion	Ratio	Lower	Upper
69	100		
41	68.8	49.0	73.6
39	40.5	25.1	37.7





#57

1,3-Dichloropropane

Concen: 5.604 ug/l

RT: 9.293 min Scan# 1346

Delta R.T. 0.000 min

Lab File: VX048709.D

Acq: 03 Dec 2025 16:29

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2025

Tgt Ion: 76 Resp: 1967

Ion Ratio Lower Upper

76 100

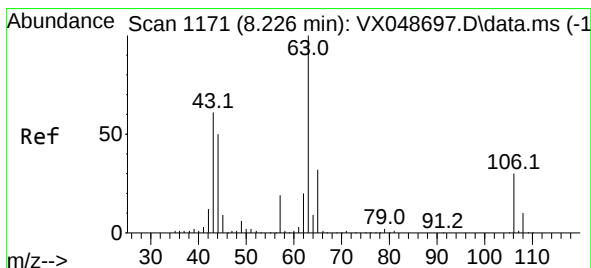
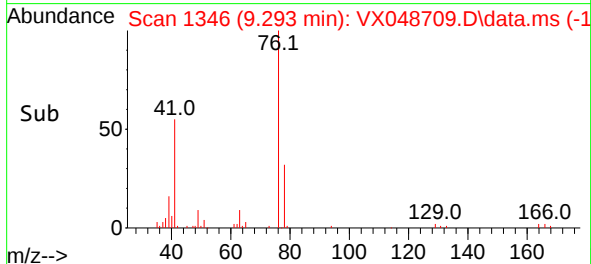
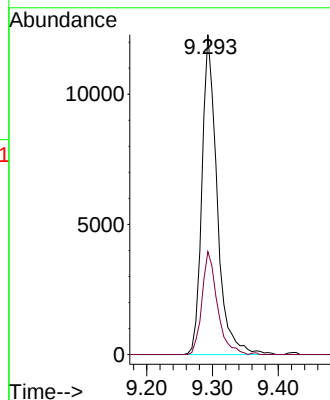
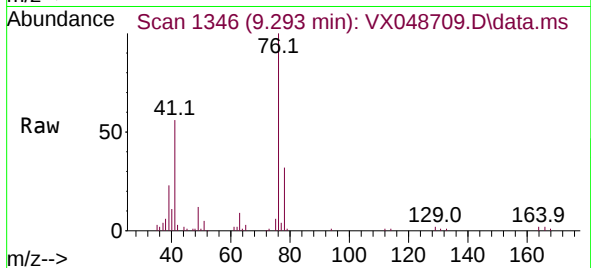
78 32.7 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#58

2-Chloroethyl Vinyl ether

Concen: 29.114 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048709.D

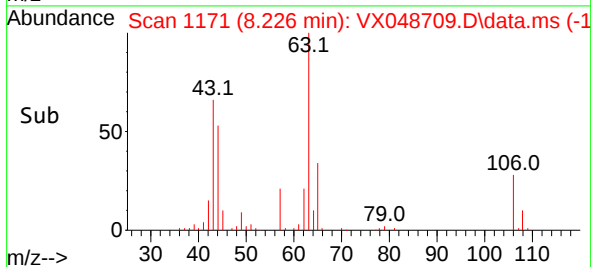
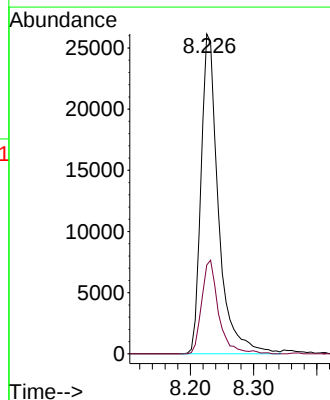
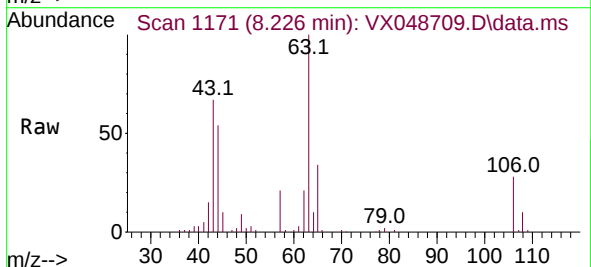
Acq: 03 Dec 2025 16:29

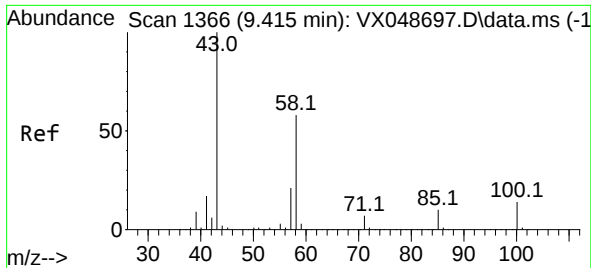
Tgt Ion: 63 Resp: 49923

Ion Ratio Lower Upper

63 100

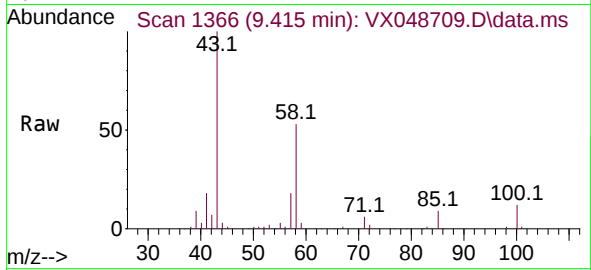
106 28.5 24.6 37.0





#59
2-Hexanone
Concen: 27.459 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

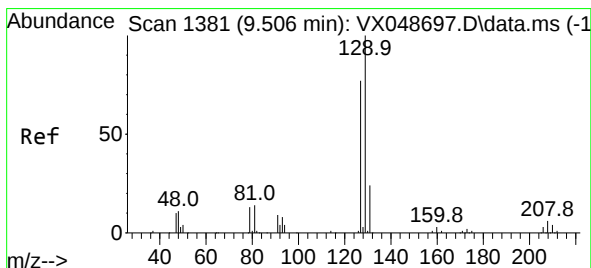
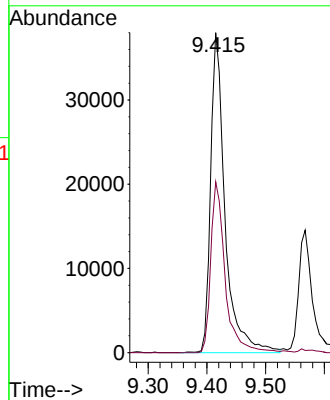
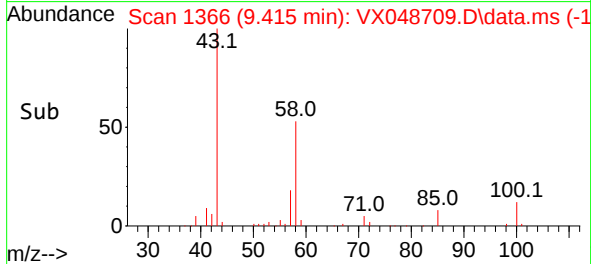
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT3-2025



Tgt Ion: 43 Resp: 64589
Ion Ratio Lower Upper
43 100
58 53.3 28.8 86.5

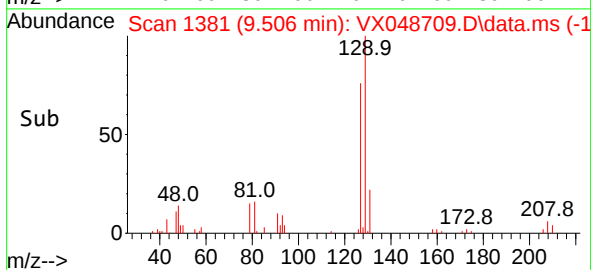
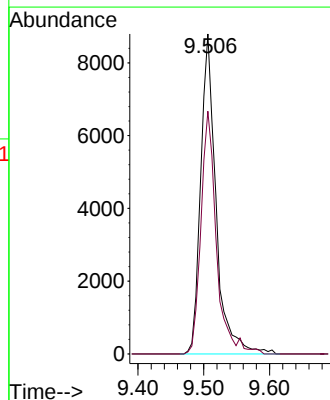
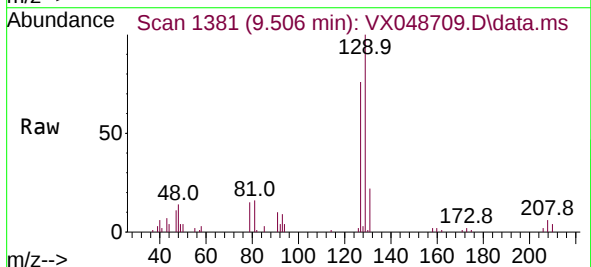
Manual Integrations
APPROVED

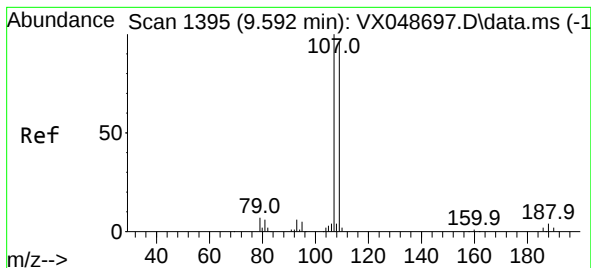
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#60
Dibromochloromethane
Concen: 5.500 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

Tgt Ion:129 Resp: 14312
Ion Ratio Lower Upper
129 100
127 76.3 38.0 113.9





#61

1,2-Dibromoethane

Concen: 5.362 ug/l

RT: 9.598 min Scan# 1395

Delta R.T. 0.006 min

Lab File: VX048709.D

Acq: 03 Dec 2025 16:29

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2025

Tgt Ion:107 Resp: 12369

Ion Ratio Lower Upper

107 100

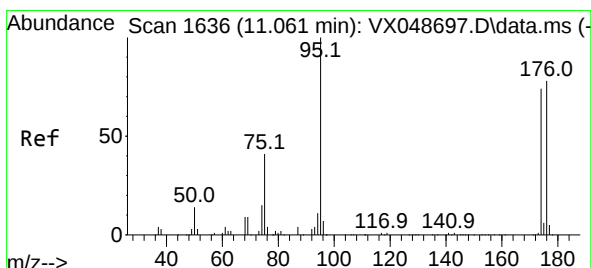
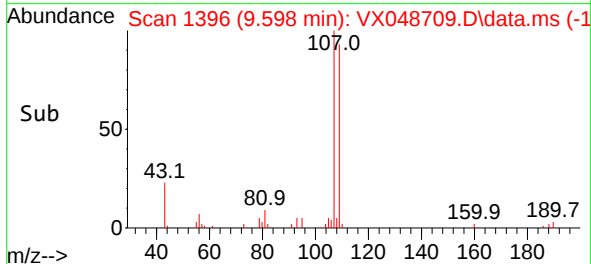
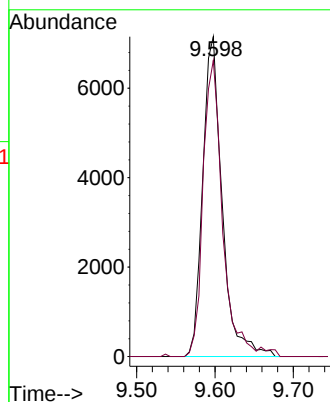
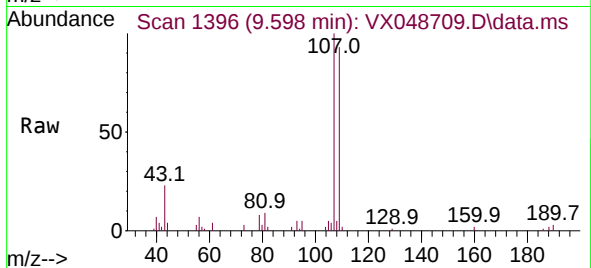
109 91.6 75.5 113.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#62

4-Bromofluorobenzene

Concen: 44.571 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. 0.000 min

Lab File: VX048709.D

Acq: 03 Dec 2025 16:29

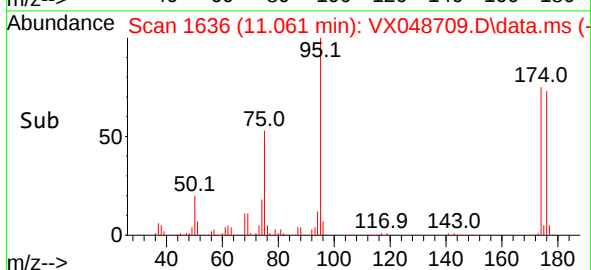
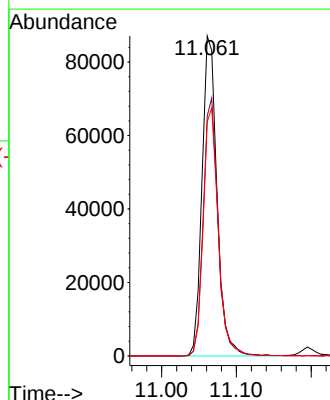
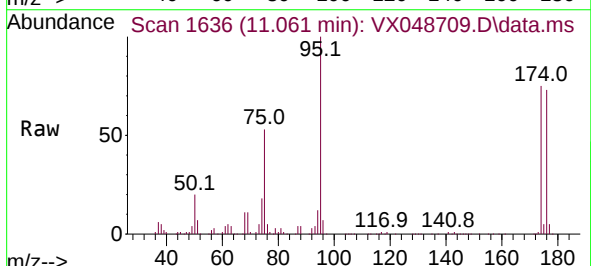
Tgt Ion: 95 Resp: 121106

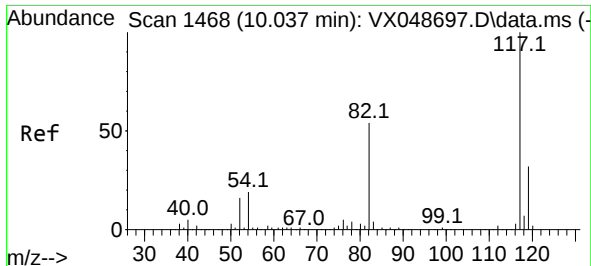
Ion Ratio Lower Upper

95 100

174 79.5 0.0 164.6

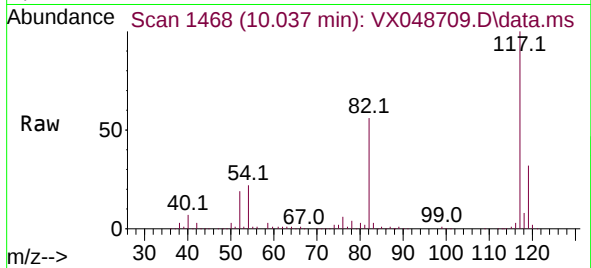
176 77.6 0.0 163.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

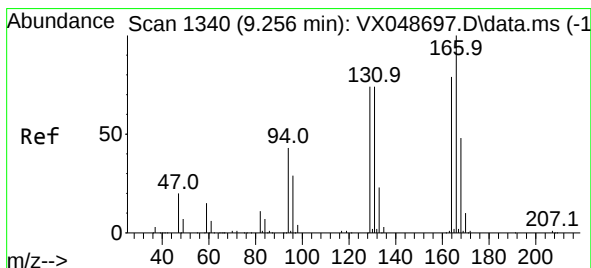
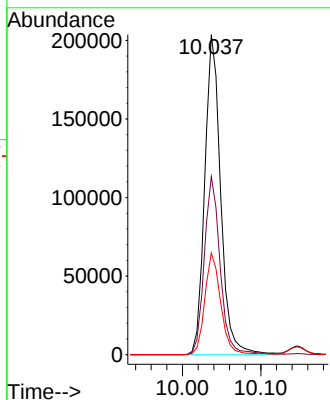
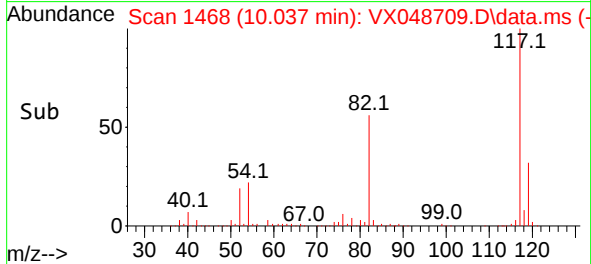
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT3-2025



Tgt Ion:117 Resp: 288486
Ion Ratio Lower Upper
117 100
82 55.6 42.9 64.3
119 31.8 25.3 37.9

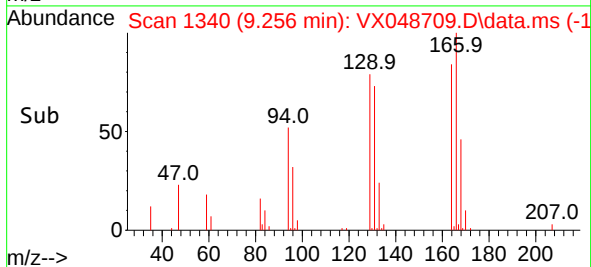
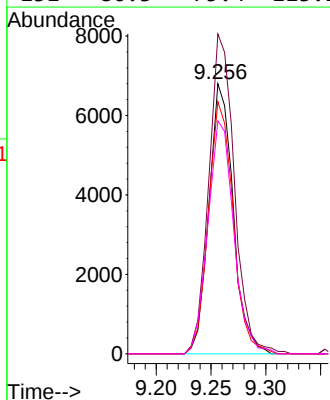
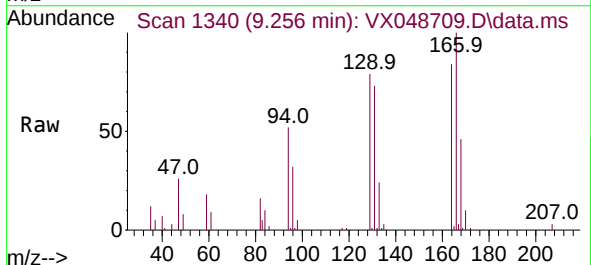
Manual Integrations
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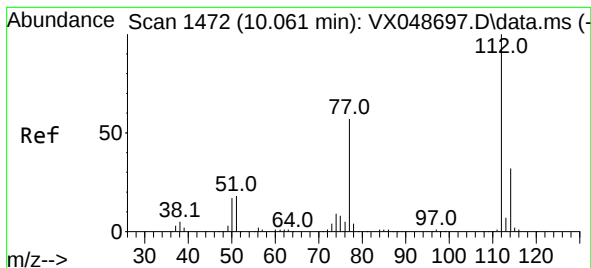
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#64
Tetrachloroethene
Concen: 5.290 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

Tgt Ion:164 Resp: 10479
Ion Ratio Lower Upper
164 100
166 118.5 101.4 152.2
129 93.4 75.5 113.3
131 86.3 75.4 113.2





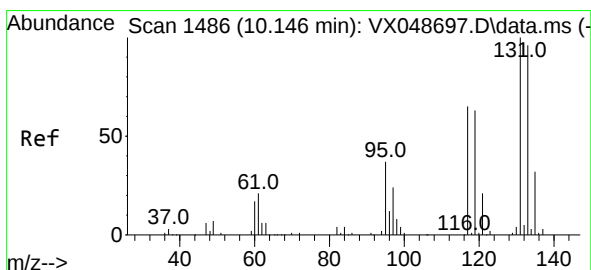
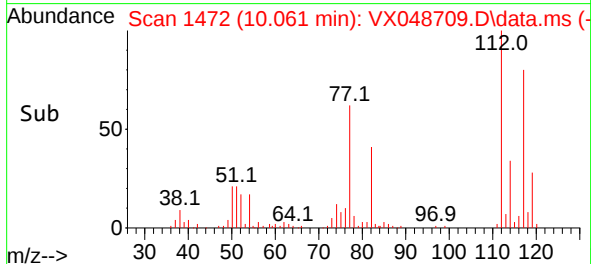
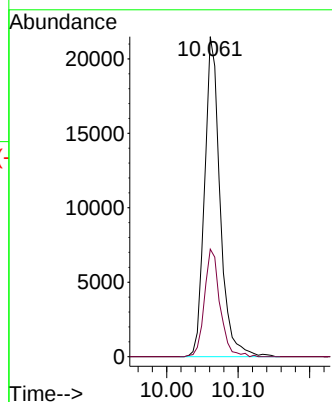
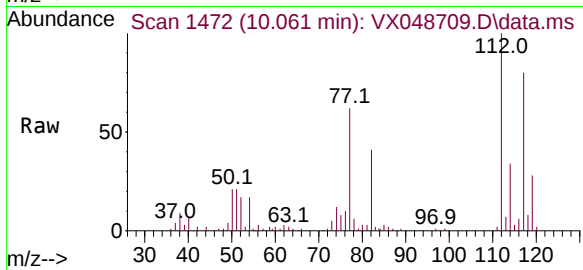
#65
Chlorobenzene
Concen: 5.290 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

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

Tgt Ion:112 Resp: 32326
Ion Ratio Lower Upper
112 100
114 33.6 25.6 38.4

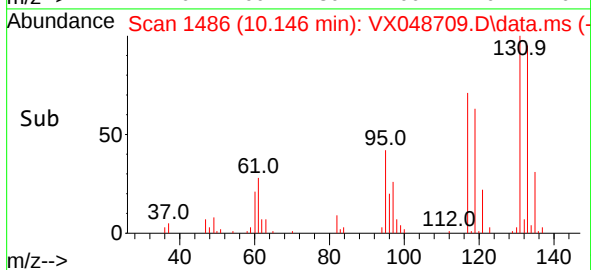
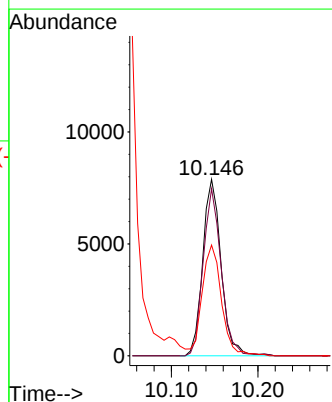
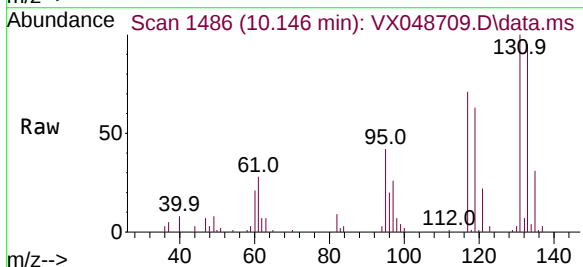
Manual Integrations
APPROVED

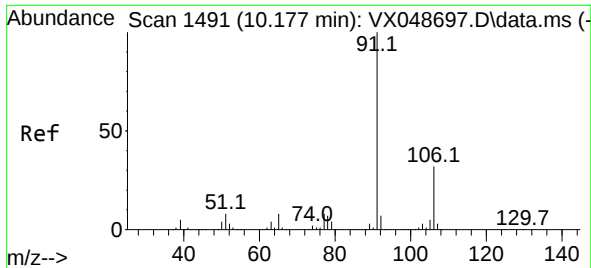
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 5.483 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

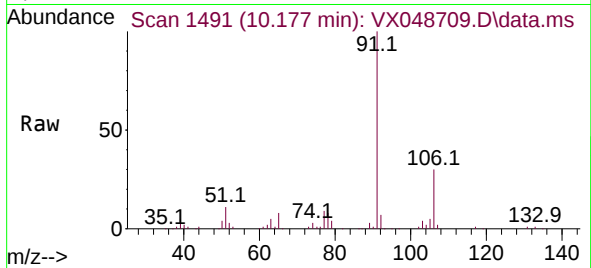
Tgt Ion:131 Resp: 11657
Ion Ratio Lower Upper
131 100
133 92.9 48.0 144.0
119 66.4 32.1 96.5





#67
Ethyl Benzene
Concen: 5.408 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

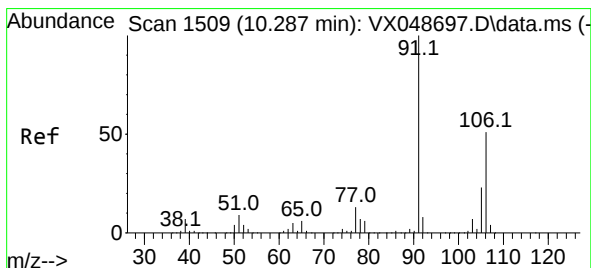
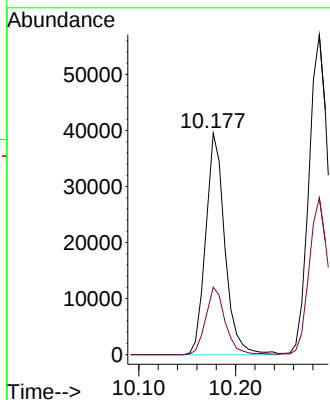
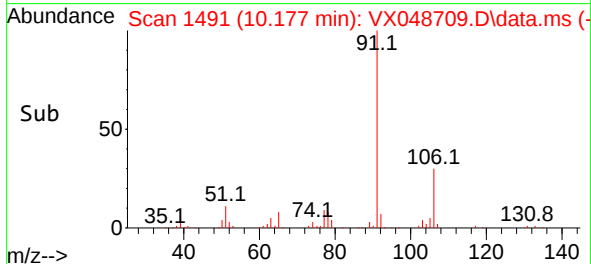
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2025



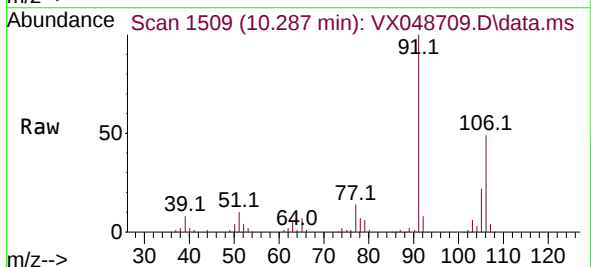
Tgt Ion: 91 Resp: 54290
Ion Ratio Lower Upper
91 100
106 30.5 25.6 38.4

Manual Integrations
APPROVED

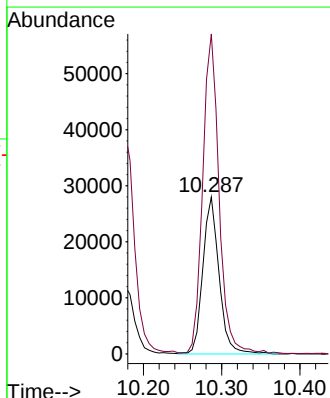
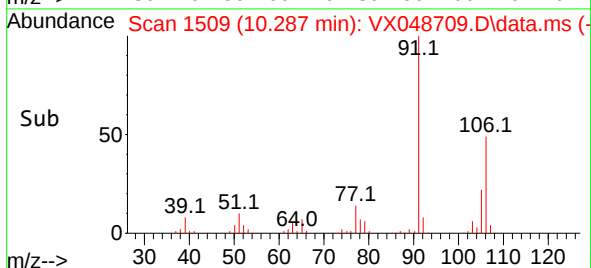
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

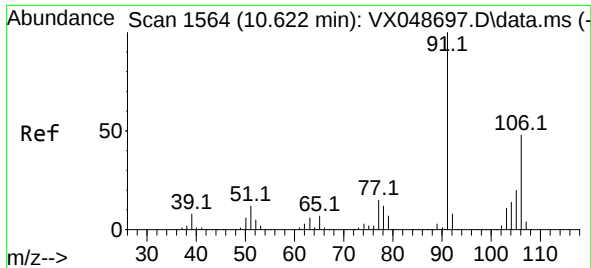


#68
m/p-Xylenes
Concen: 10.398 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29



Tgt Ion:106 Resp: 40213
Ion Ratio Lower Upper
106 100
91 206.5 161.0 241.6





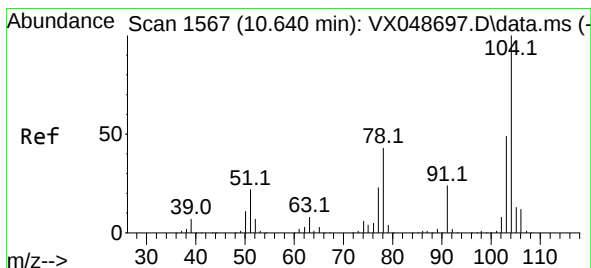
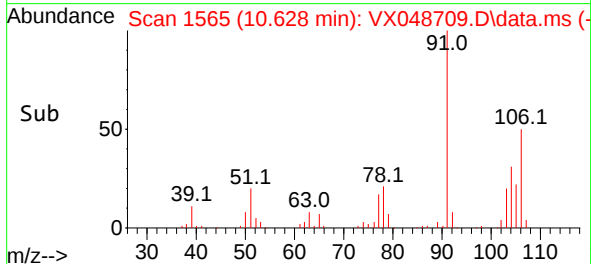
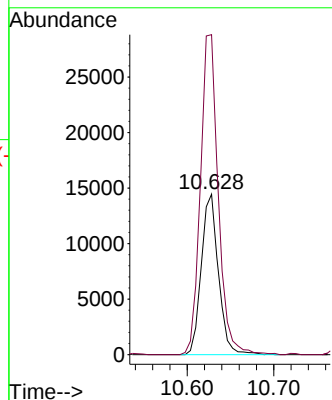
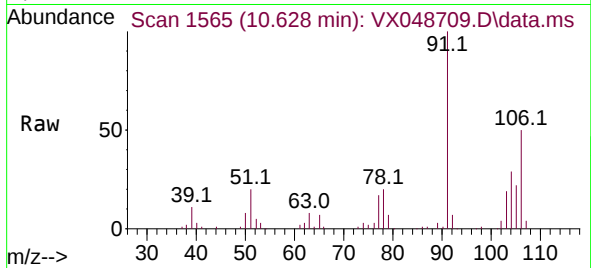
#69
o-Xylene
Concen: 5.320 ug/l
RT: 10.628 min Scan# 1564
Delta R.T. 0.006 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

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

Tgt Ion:106 Resp: 1982
Ion Ratio Lower Upper
106 100
91 208.3 106.1 318.3

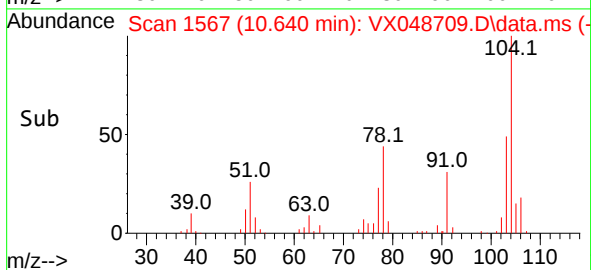
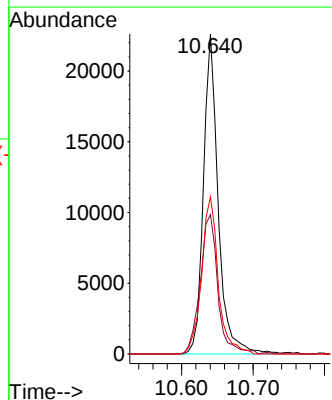
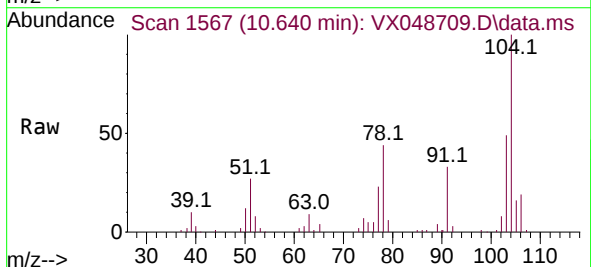
Manual Integrations
APPROVED

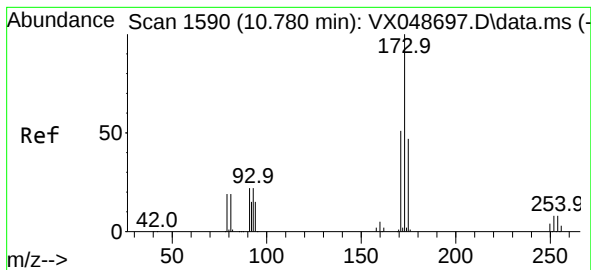
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#70
Styrene
Concen: 5.169 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

Tgt Ion:104 Resp: 32372
Ion Ratio Lower Upper
104 100
78 51.9 39.2 58.8
103 55.5 43.0 64.4





#71

Bromoform

Concen: 5.193 ug/l

RT: 10.787 min Scan# 1590

Delta R.T. 0.006 min

Lab File: VX048709.D

Acq: 03 Dec 2025 16:29

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2025

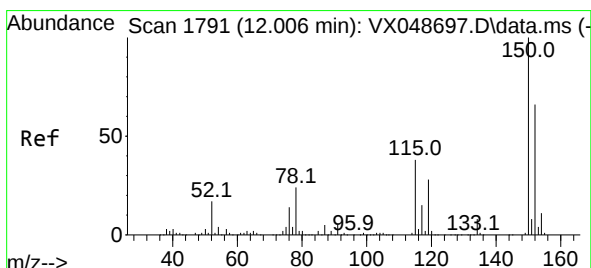
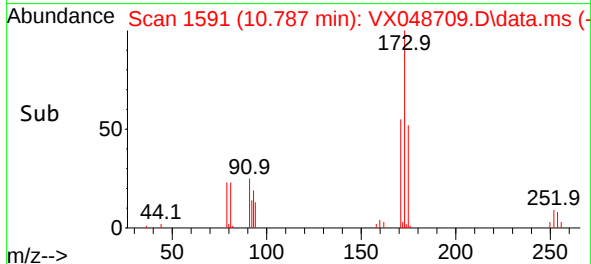
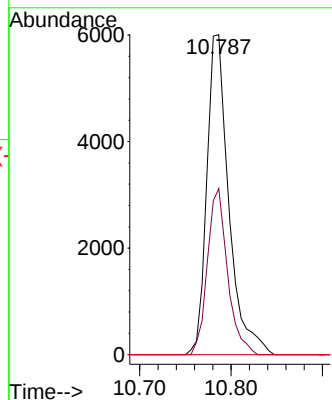
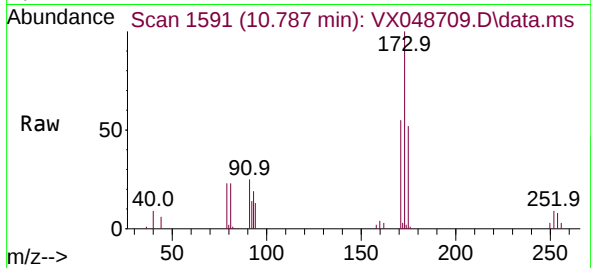
Tgt Ion:173	Resp: 10056
Ion Ratio	Lower Upper
173 100	
175 47.6	24.3 72.8
254 0.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

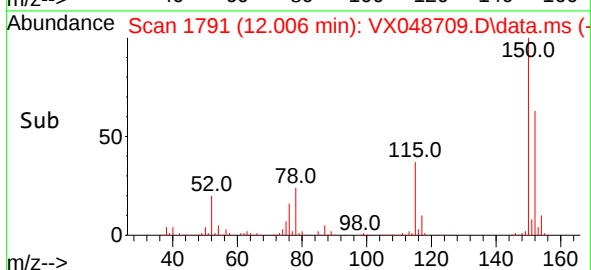
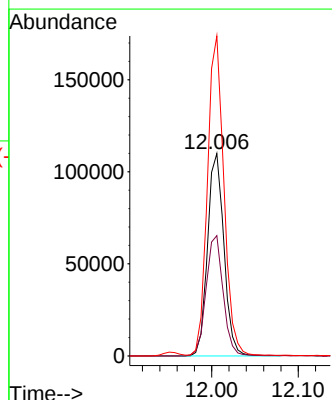
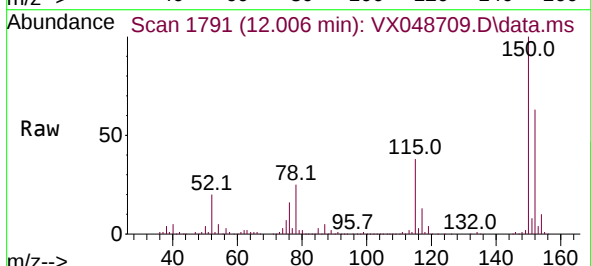
RT: 12.006 min Scan# 1791

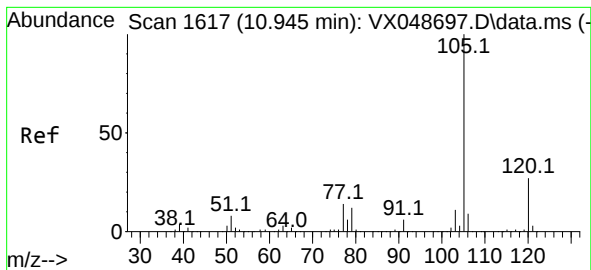
Delta R.T. 0.000 min

Lab File: VX048709.D

Acq: 03 Dec 2025 16:29

Tgt Ion:152	Resp: 144681
Ion Ratio	Lower Upper
152 100	
115 62.0	39.6 119.0
150 157.9	0.0 345.4





#73

Isopropylbenzene

Concen: 5.183 ug/l

RT: 10.945 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VX048709.D

Acq: 03 Dec 2025 16:29

Instrument :

MSVOA_X

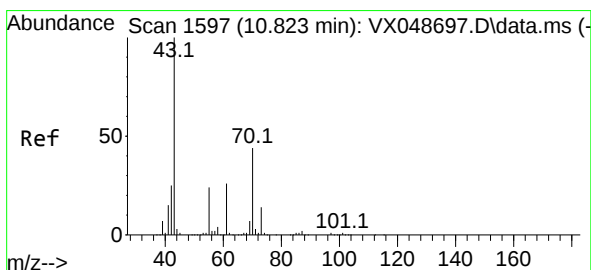
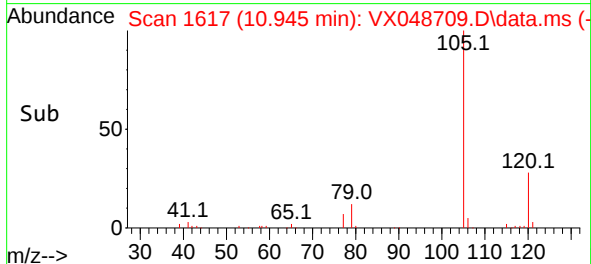
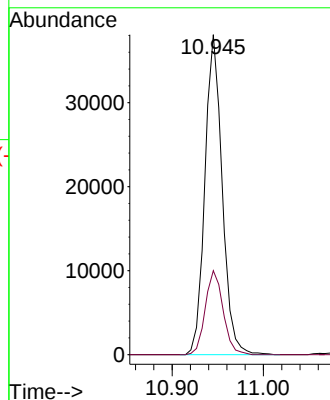
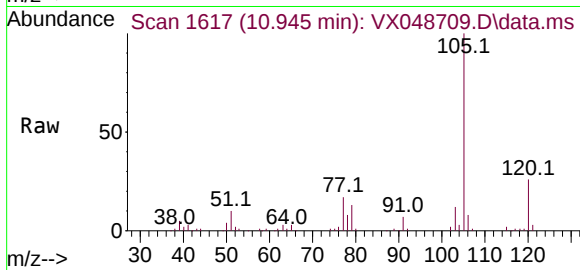
ClientSampleId :

LOQ-WATER-02-QT3-2025

Tgt Ion:105 Resp: 50116
 Ion Ratio Lower Upper
 105 100
 120 27.0 13.5 40.4

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025



#74

N-ethyl acetate

Concen: 5.119 ug/l

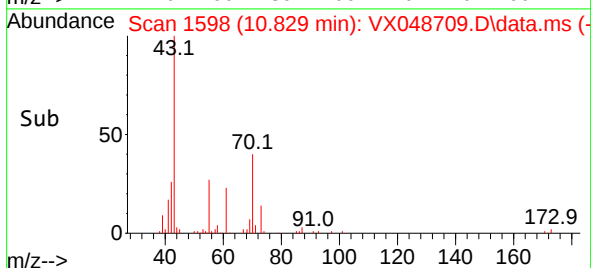
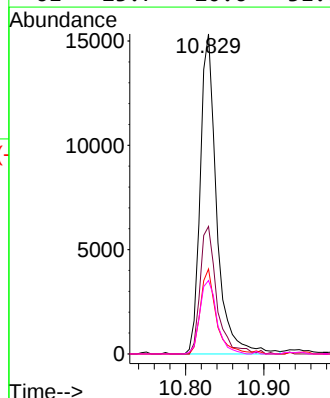
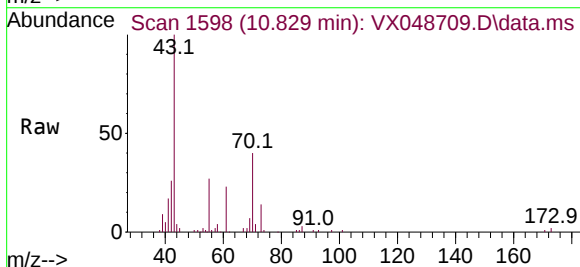
RT: 10.829 min Scan# 1598

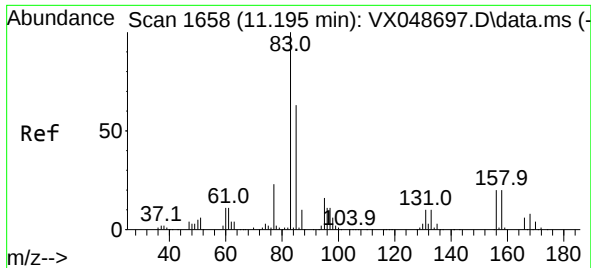
Delta R.T. 0.006 min

Lab File: VX048709.D

Acq: 03 Dec 2025 16:29

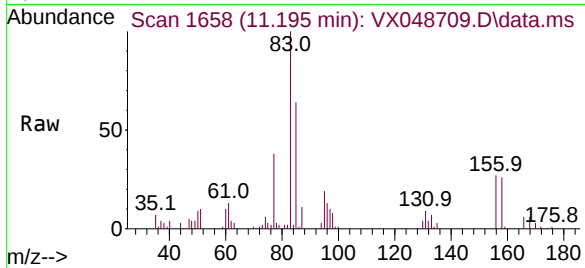
Tgt Ion: 43 Resp: 22347
 Ion Ratio Lower Upper
 43 100
 70 40.1 37.0 55.6
 55 25.6 20.0 30.0
 61 23.7 20.6 31.0





#75
1,1,2,2-Tetrachloroethane
Concen: 5.267 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

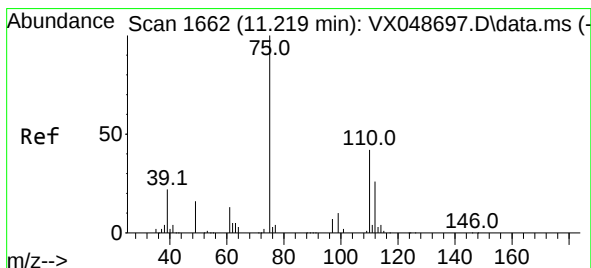
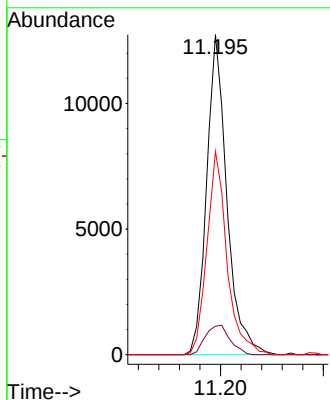
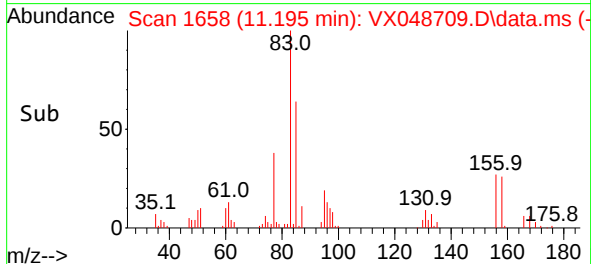
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2025



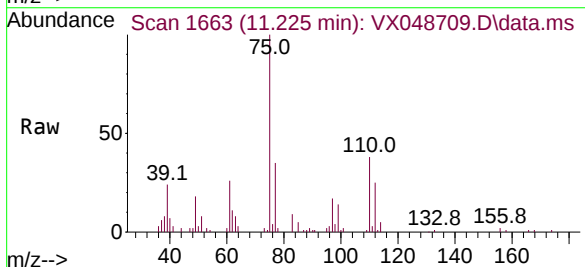
Tgt Ion: 83 Resp: 17438
Ion Ratio Lower Upper
83 100
131 11.1 5.3 16.1
85 62.7 32.0 96.0

Manual Integrations
APPROVED

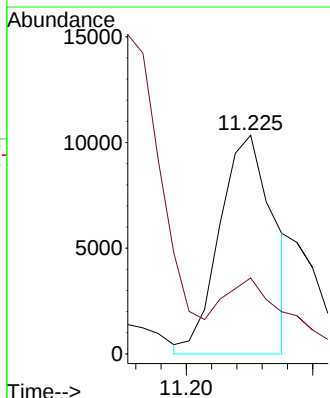
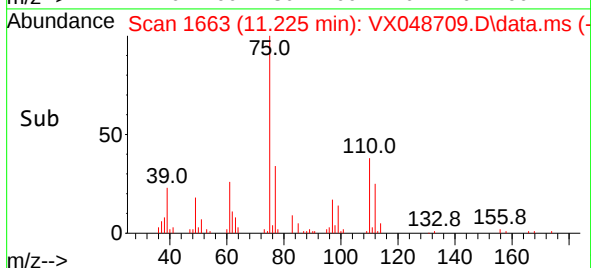
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

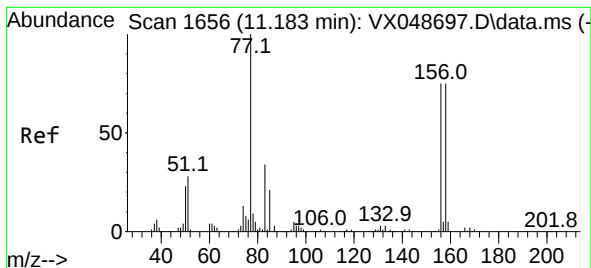


#76
1,2,3-Trichloropropane
Concen: 5.238 ug/l m
RT: 11.225 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29



Tgt Ion: 75 Resp: 15227
Ion Ratio Lower Upper
75 100
77 42.2 19.0 57.0





#77

Bromobenzene

Concen: 5.114 ug/l

RT: 11.183 min Scan# 1656

Delta R.T. 0.000 min

Lab File: VX048709.D

Acq: 03 Dec 2025 16:29

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2025

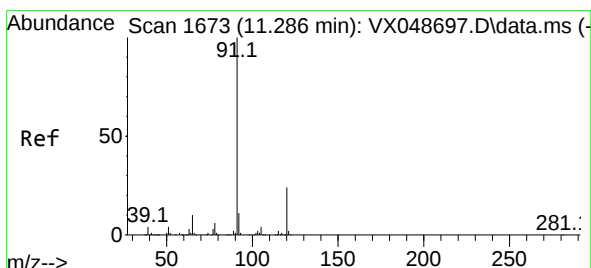
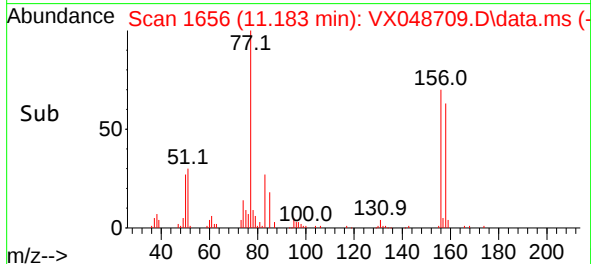
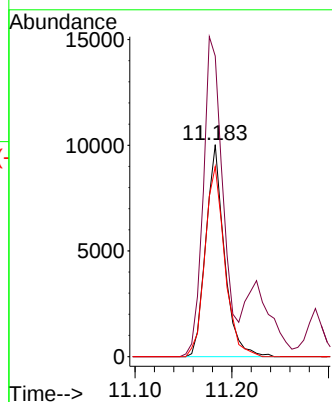
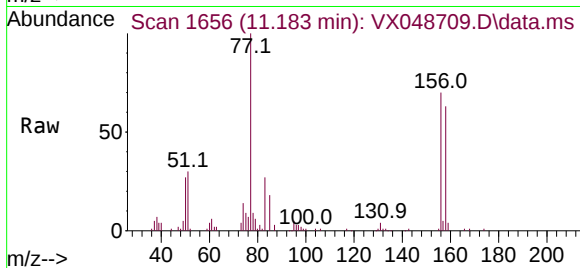
Tgt Ion:	156	Resp:	13326
Ion Ratio	Lower	Upper	
156	100		
77	160.2	74.9	224.6
158	96.0	49.5	148.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#78

n-propylbenzene

Concen: 5.339 ug/l

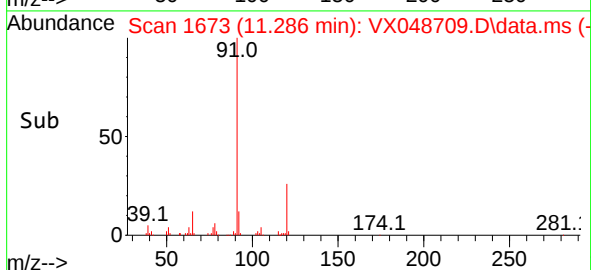
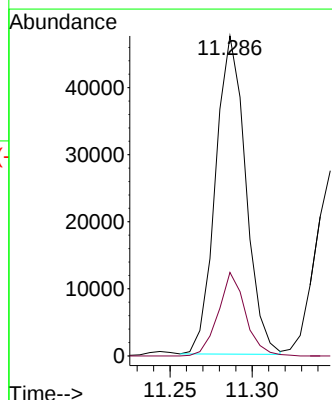
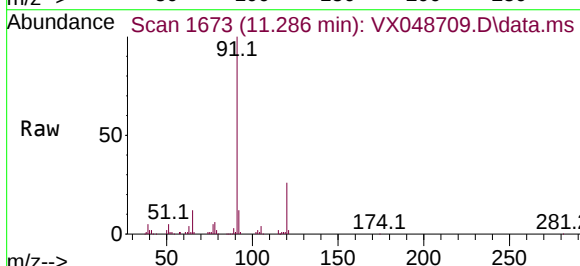
RT: 11.286 min Scan# 1673

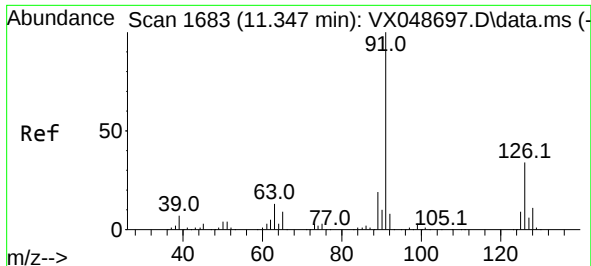
Delta R.T. 0.000 min

Lab File: VX048709.D

Acq: 03 Dec 2025 16:29

Tgt Ion:	91	Resp:	60459
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.9	35.7





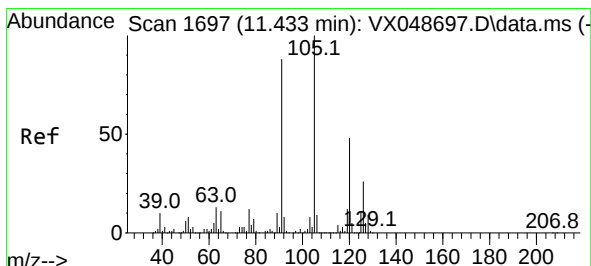
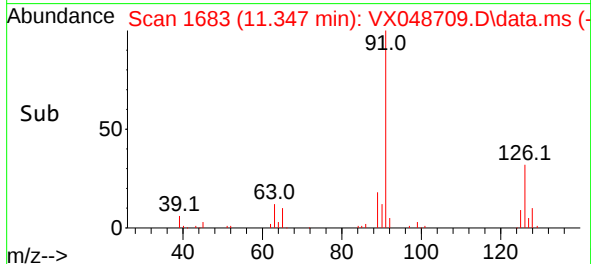
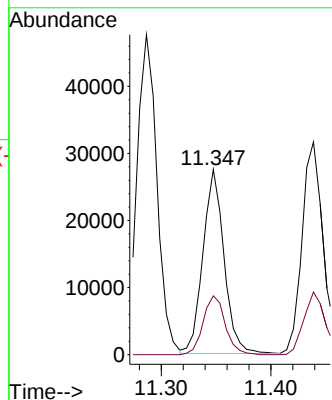
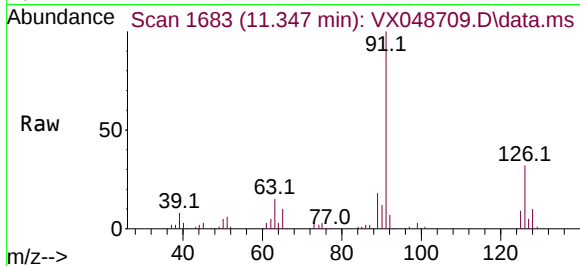
#79
2-Chlorotoluene
Concen: 5.333 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

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

Tgt Ion: 91 Resp: 36698
Ion Ratio Lower Upper
91 100
126 33.4 17.1 51.2

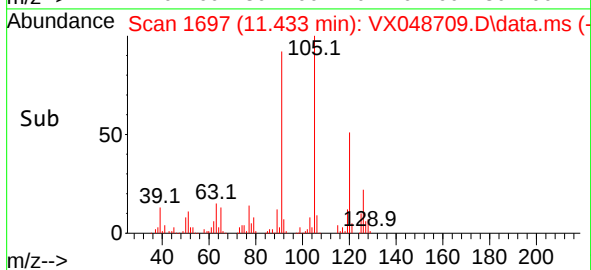
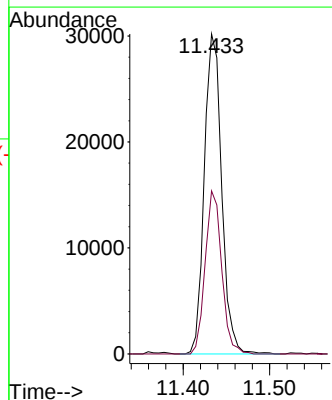
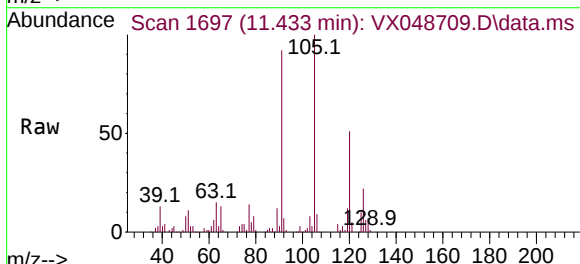
Manual Integrations
APPROVED

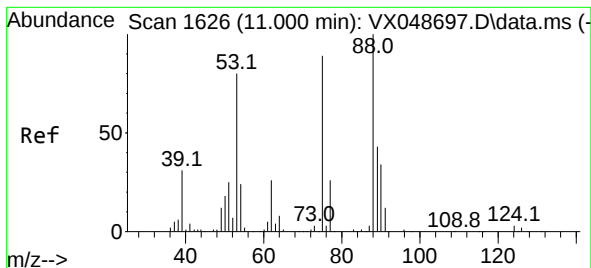
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#80
1,3,5-Trimethylbenzene
Concen: 5.307 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

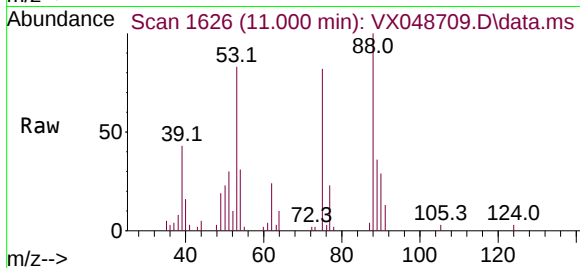
Tgt Ion:105 Resp: 41978
Ion Ratio Lower Upper
105 100
120 48.6 24.4 73.2





#81
trans-1,4-Dichloro-2-butene
Concen: 4.315 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

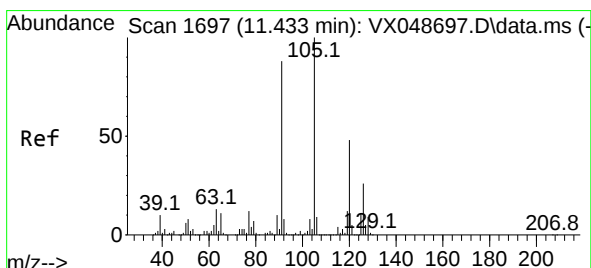
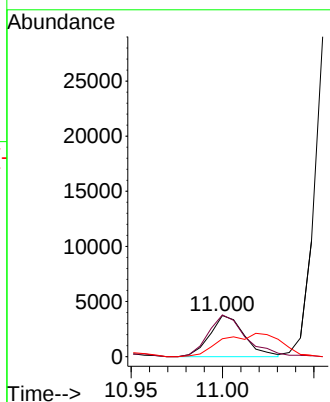
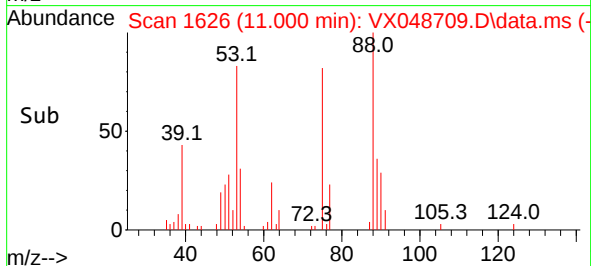
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT3-2025



Tgt Ion: 75 Resp: 4872
Ion Ratio Lower Upper
75 100
53 111.5 74.8 112.2
89 97.4 0.0 0.0

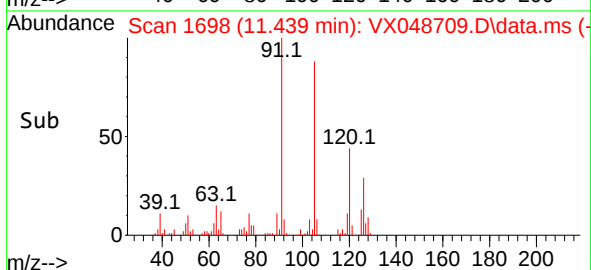
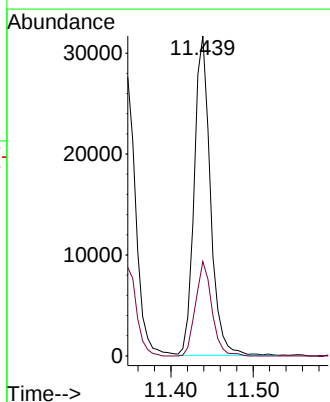
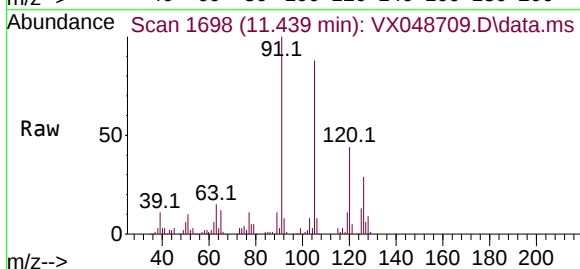
Manual Integrations
APPROVED

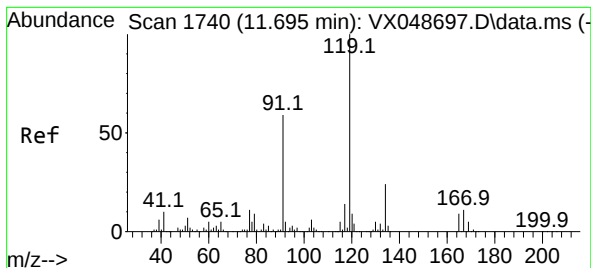
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#82
4-Chlorotoluene
Concen: 5.406 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

Tgt Ion: 91 Resp: 43270
Ion Ratio Lower Upper
91 100
126 29.7 15.4 46.1





#83

tert-Butylbenzene

Concen: 5.016 ug/l

RT: 11.695 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX048709.D

Acq: 03 Dec 2025 16:29

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2025

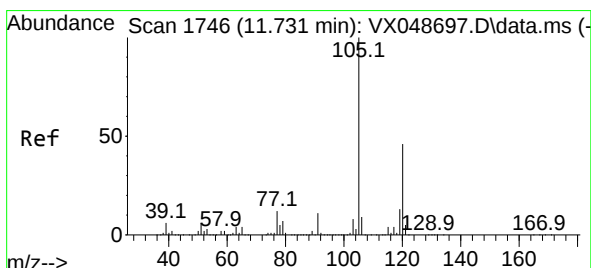
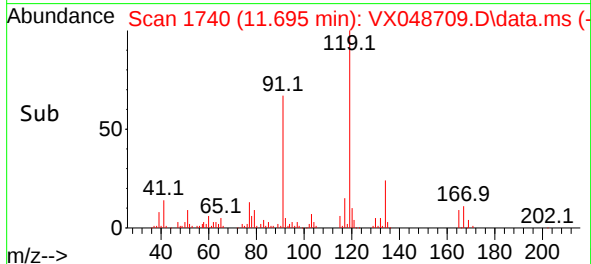
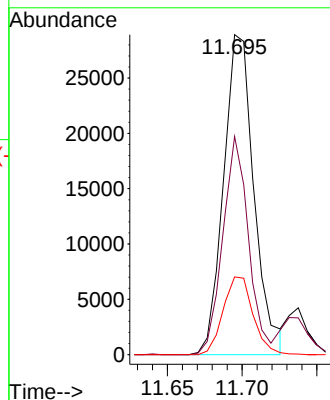
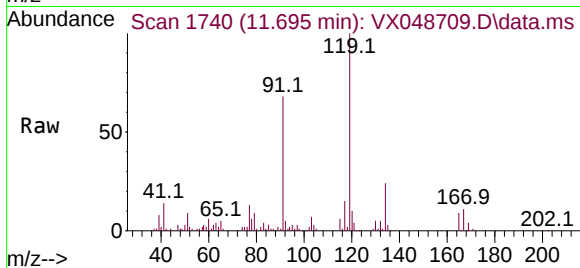
Tgt Ion:	119	Resp:	41154
Ion Ratio	Lower	Upper	
119	100		
91	57.5	27.4	82.0
134	23.8	11.4	34.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#84

1,2,4-Trimethylbenzene

Concen: 5.316 ug/l

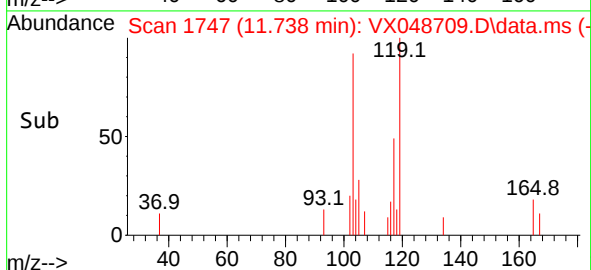
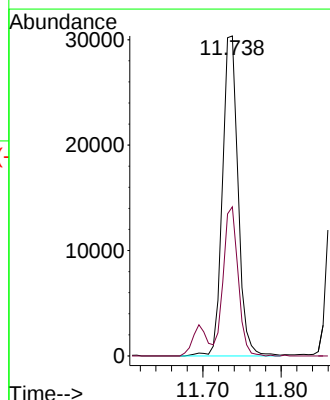
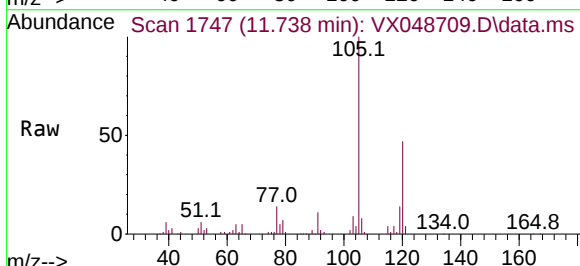
RT: 11.738 min Scan# 1747

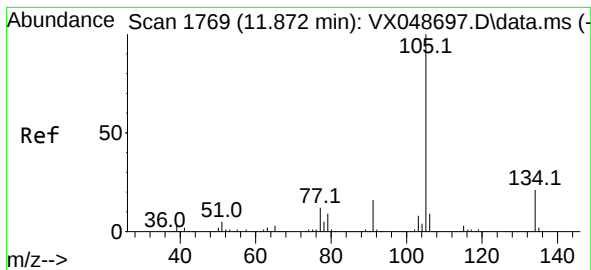
Delta R.T. 0.006 min

Lab File: VX048709.D

Acq: 03 Dec 2025 16:29

Tgt Ion:	105	Resp:	41882
Ion Ratio	Lower	Upper	
105	100		
120	44.2	22.6	67.8





#85

sec-Butylbenzene

Concen: 5.205 ug/l

RT: 11.872 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VX048709.D

Acq: 03 Dec 2025 16:29

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2025

Tgt Ion:105 Resp: 51692

Ion Ratio Lower Upper

105 100

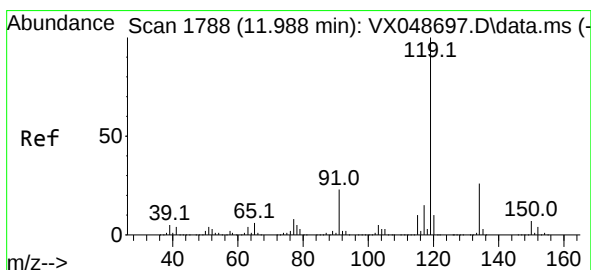
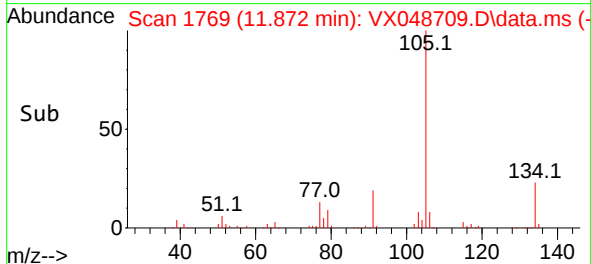
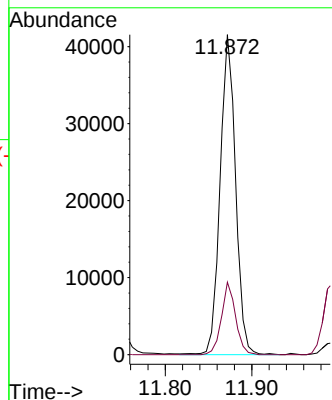
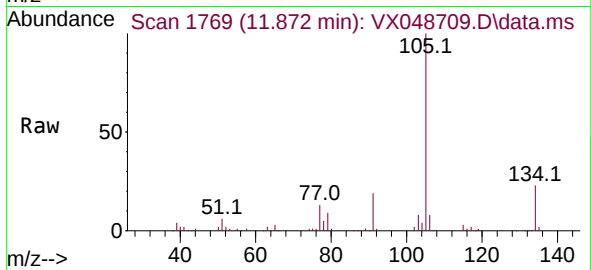
134 20.6 10.4 31.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#86

p-Isopropyltoluene

Concen: 5.266 ug/l

RT: 11.994 min Scan# 1789

Delta R.T. 0.006 min

Lab File: VX048709.D

Acq: 03 Dec 2025 16:29

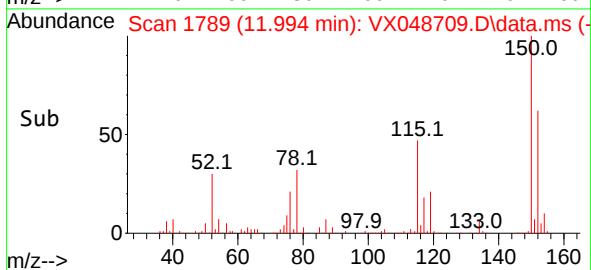
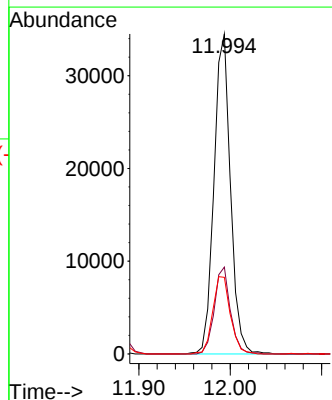
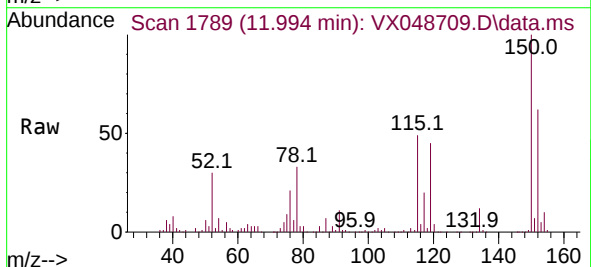
Tgt Ion:119 Resp: 43202

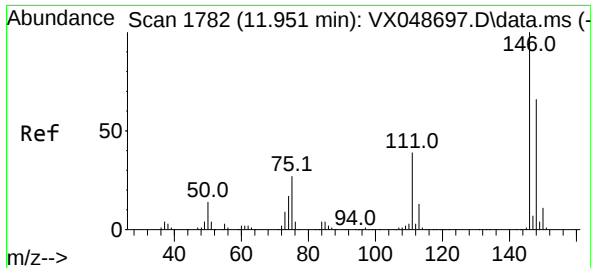
Ion Ratio Lower Upper

119 100

134 26.5 13.2 39.6

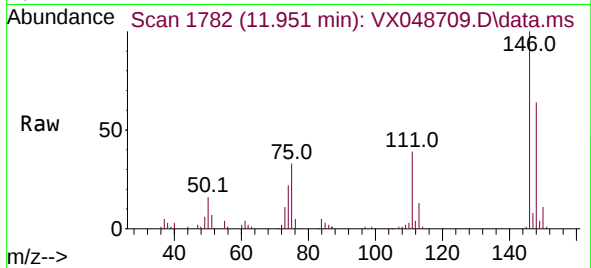
91 25.9 11.5 34.5





#87
1,3-Dichlorobenzene
Concen: 5.219 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

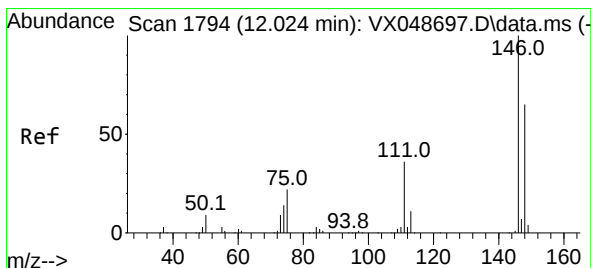
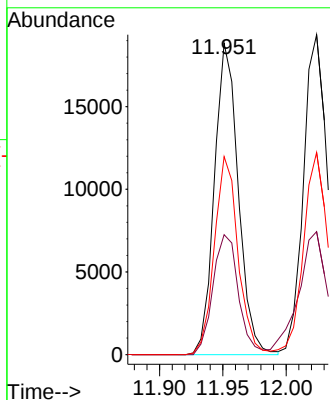
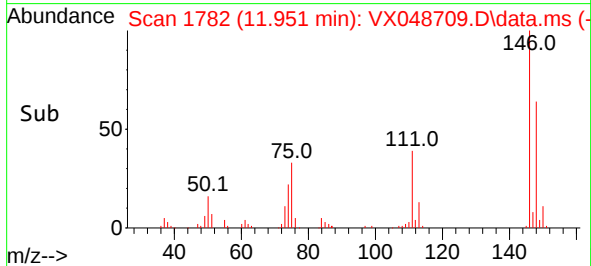
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2025



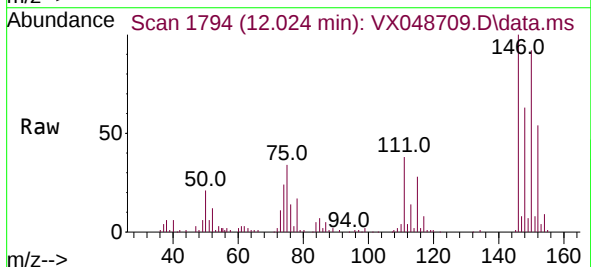
Tgt Ion:146 Resp: 24752
Ion Ratio Lower Upper
146 100
111 41.1 19.8 59.4
148 63.2 32.4 97.0

Manual Integrations
APPROVED

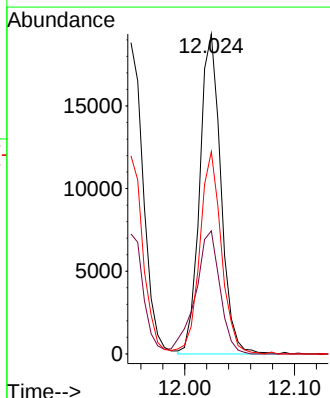
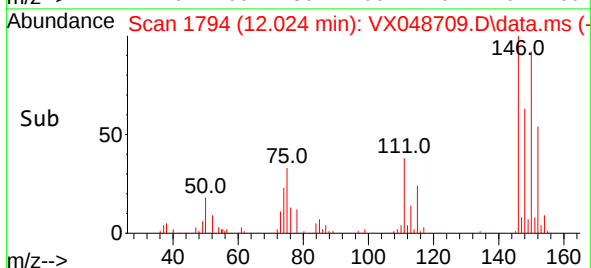
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

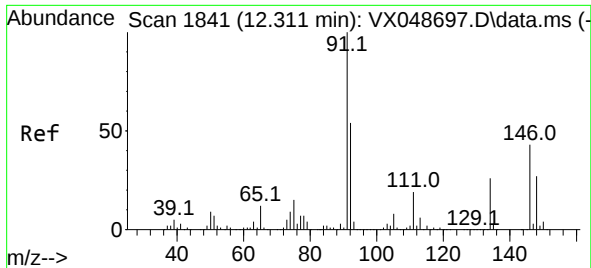


#88
1,4-Dichlorobenzene
Concen: 5.349 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29



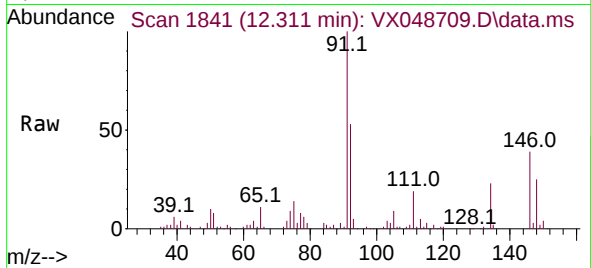
Tgt Ion:146 Resp: 25894
Ion Ratio Lower Upper
146 100
111 45.1 19.5 58.5
148 64.8 32.6 98.0





#89
n-Butylbenzene
Concen: 5.439 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

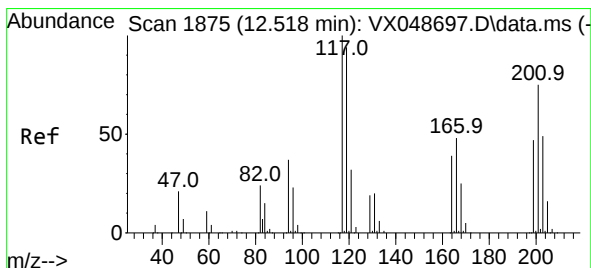
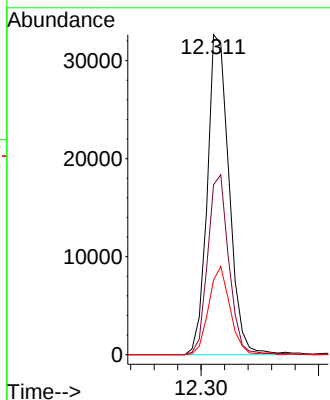
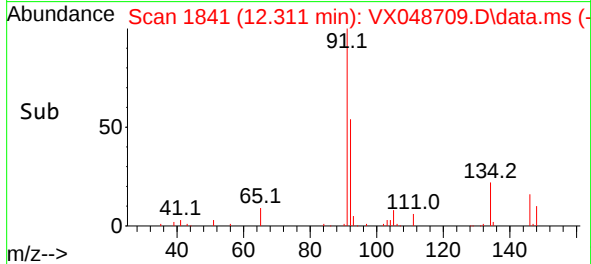
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT3-2025



Tgt Ion: 91 Resp: 42031
Ion Ratio Lower Upper
91 100
92 54.6 27.0 81.0
134 27.0 13.2 39.6

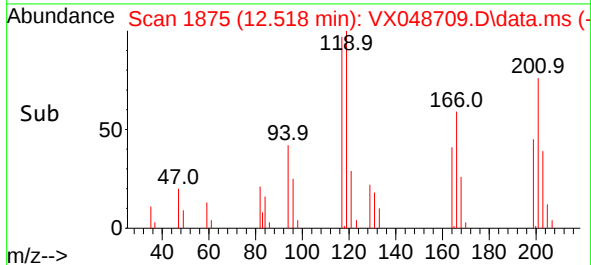
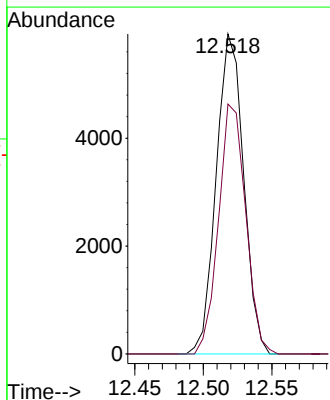
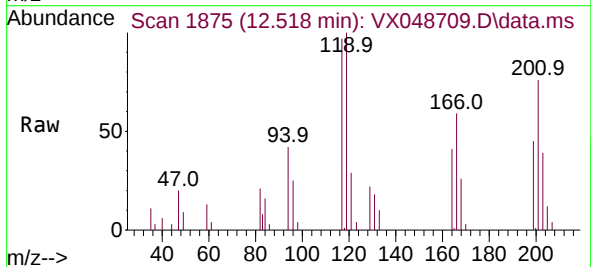
Manual Integrations
APPROVED

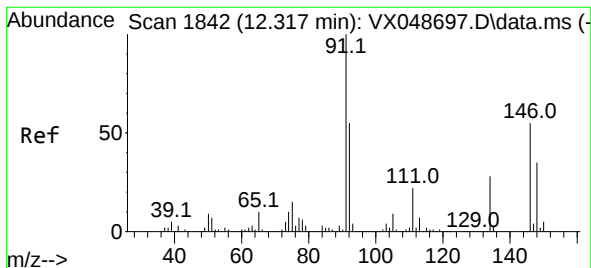
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#90
Hexachloroethane
Concen: 4.984 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

Tgt Ion:117 Resp: 8232
Ion Ratio Lower Upper
117 100
201 77.7 39.3 117.9





#91

1,2-Dichlorobenzene

Concen: 5.614 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VX048709.D

Acq: 03 Dec 2025 16:29

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2025

Tgt Ion:146 Resp: 24794

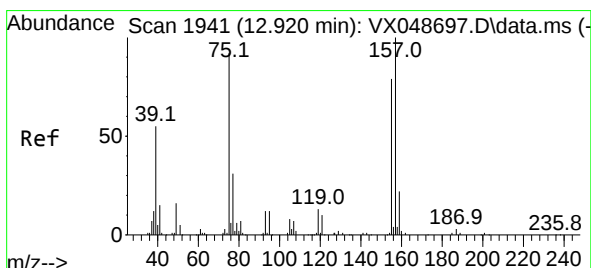
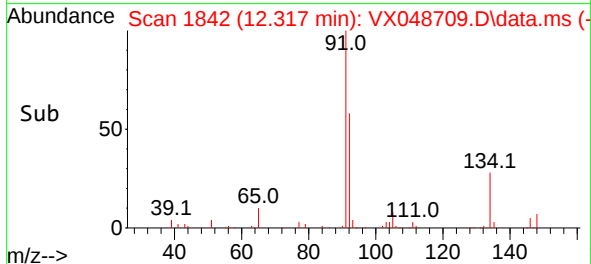
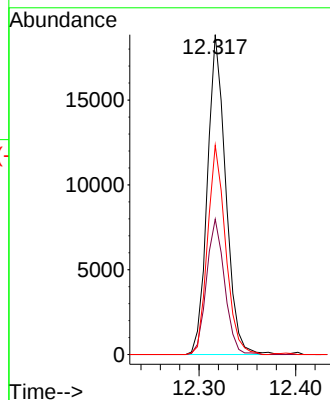
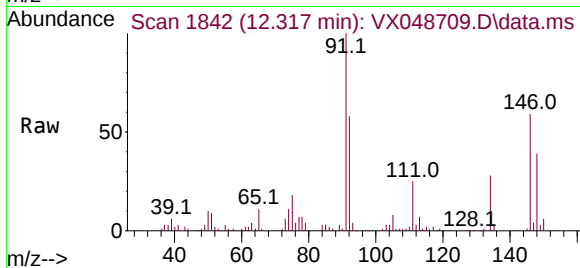
Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.6	61.8
148	64.4	32.1	96.5

Manual Integrations

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Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.408 ug/l

RT: 12.926 min Scan# 1942

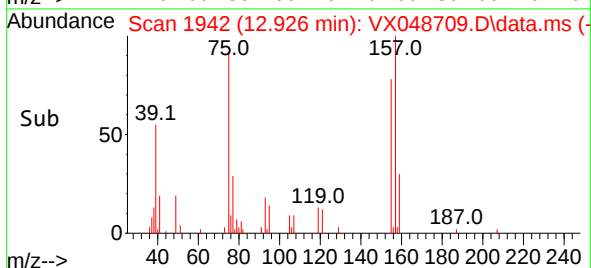
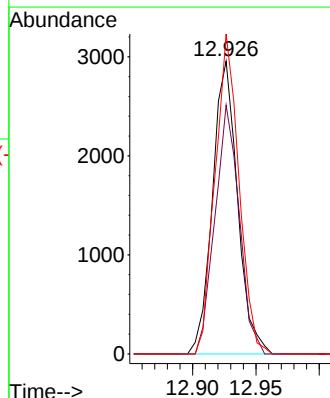
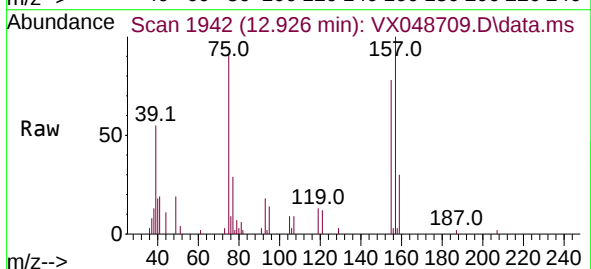
Delta R.T. 0.006 min

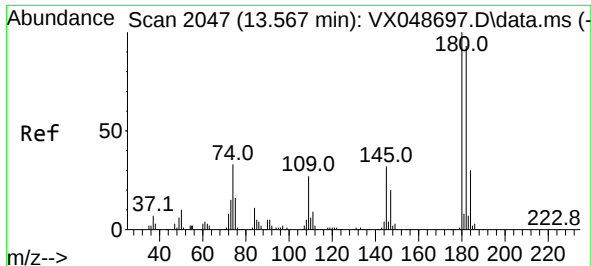
Lab File: VX048709.D

Acq: 03 Dec 2025 16:29

Tgt Ion: 75 Resp: 4069

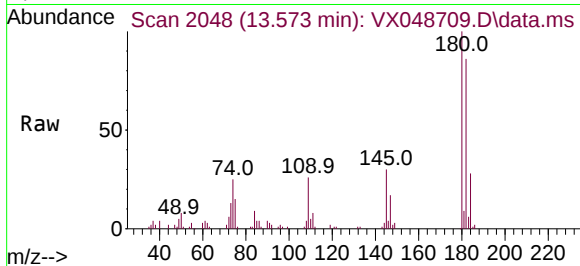
Ion	Ratio	Lower	Upper
75	100		
155	82.3	46.7	140.1
157	104.5	58.7	176.1





#93
1,2,4-Trichlorobenzene
Concen: 5.026 ug/l
RT: 13.573 min Scan# 2047
Delta R.T. 0.006 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

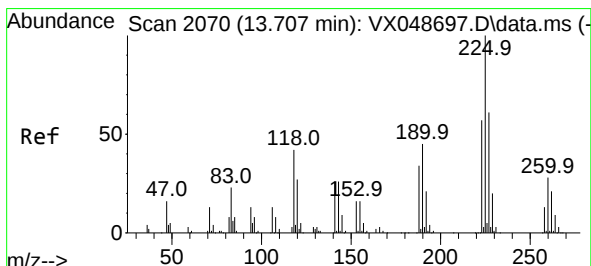
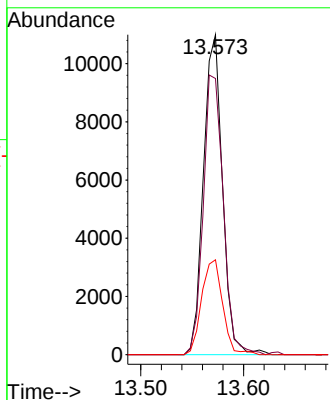
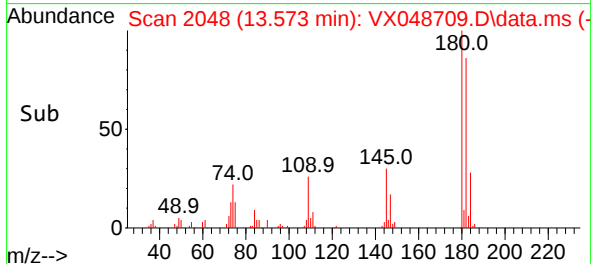
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2025



Tgt Ion:180 Resp: 14132
Ion Ratio Lower Upper
180 100
182 91.7 47.8 143.3
145 32.7 15.5 46.5

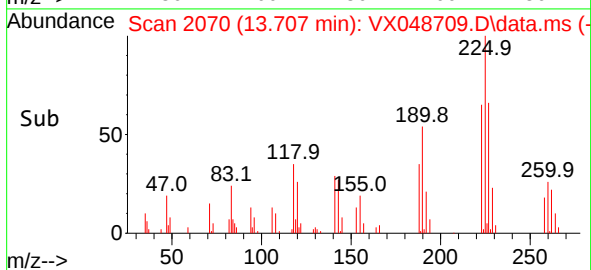
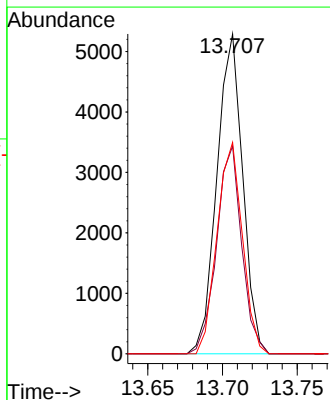
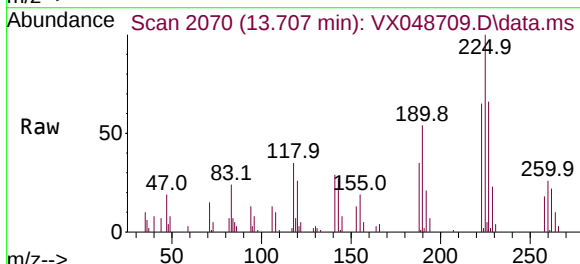
Manual Integrations
APPROVED

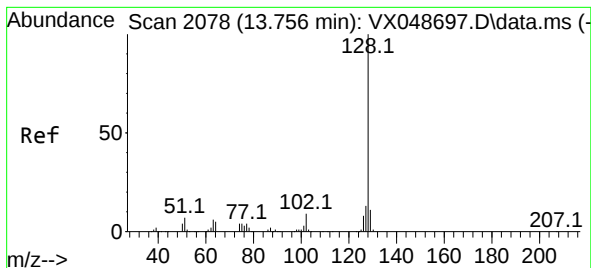
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#94
Hexachlorobutadiene
Concen: 5.432 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

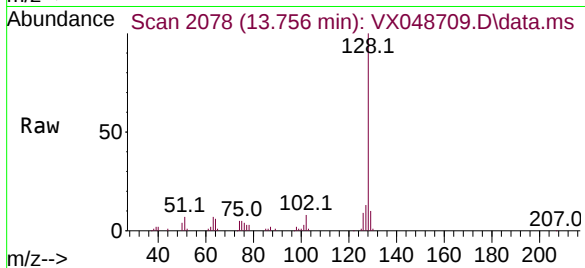
Tgt Ion:225 Resp: 6360
Ion Ratio Lower Upper
225 100
223 63.2 31.6 95.0
227 64.9 31.6 94.7





#95
Naphthalene
Concen: 4.945 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. 0.000 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29

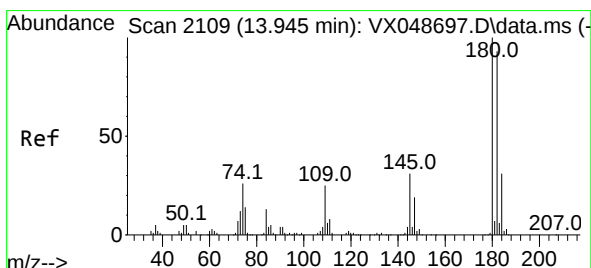
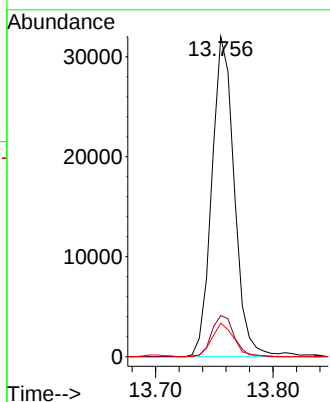
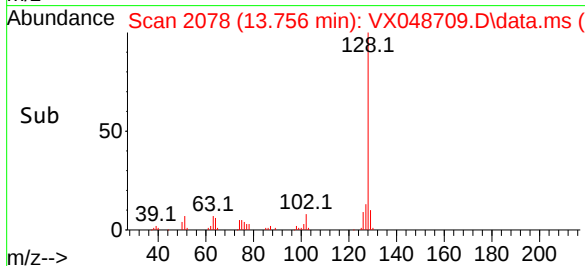
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2025



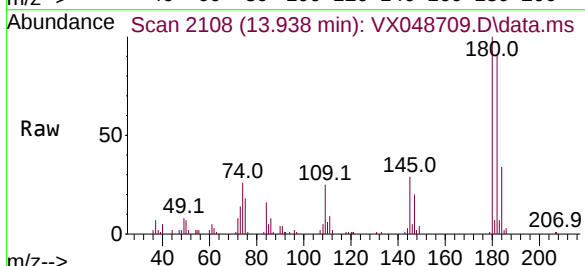
Tgt Ion:128 Resp: 42442
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.3 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#96
1,2,3-Trichlorobenzene
Concen: 5.165 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.006 min
Lab File: VX048709.D
Acq: 03 Dec 2025 16:29



Tgt Ion:180 Resp: 13405
Ion Ratio Lower Upper
180 100
182 93.8 47.8 143.4
145 32.3 16.8 50.4

