

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
 Data File : VX044645.D
 Acq On : 09 Jan 2025 05:05
 Operator : JC/MD
 Sample : P4368-08 5.00PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2024

Quant Time: Jan 09 05:44:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jan 09 02:10:37 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 01/09/2025
 Supervised By :Semsettin Yesilyurt 01/09/2025

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

Internal Standards						
1) Bromochloromethane	4.897	128	28379	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	150469	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	158643	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	95985	30.893	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.967%			
60) 4-Bromofluorobenzene	11.079	95	82141	27.734	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 92.433%			
63) Toluene-d8	8.647	98	228618	25.774	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 85.900%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	11724	4.575	ug/l	100
3) Chloromethane	1.294	50	13530	5.260	ug/l	100
4) Vinyl Chloride	1.374	62	12912	5.329	ug/l	95
5) Bromomethane	1.599	94	6890	5.642	ug/l	100
6) Chloroethane	1.666	64	8320	6.136	ug/l	89
7) Trichlorofluoromethane	1.874	101	19902	5.344	ug/l	98
8) Diethyl Ether	2.130	74	8120	5.673	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	10414	5.204	ug/l	98
10) 1,1-Dichloroethene	2.312	96	10194	5.181	ug/l	95
11) Methyl Iodide	2.447	142	13613	4.950	ug/l	98
12) Methyl Acetate	2.697	43	14869	5.353	ug/l	96
13) Acrolein	2.233	56	14445	28.339	ug/l	98
14) Acrylonitrile	3.062	53	28035	26.859	ug/l	98
15) Acetone	2.373	58	7560	28.500	ug/l	83
16) Carbon Disulfide	2.508	76	19852	4.602	ug/l	99
17) Allyl chloride	2.660	41	16824	4.959	ug/l	96
18) Methylene Chloride	2.788	84	12100	5.307	ug/l	89
19) trans-1,2-Dichloroethene	3.087	96	10749	5.336	ug/l	87
20) Diisopropyl ether	3.757	45	37360	5.242	ug/l #	83
21) 1,1-Dichloroethane	3.605	63	21511	5.354	ug/l	98
22) cis-1,2-Dichloroethene	4.489	96	13487	5.435	ug/l	96
23) tert-Butyl Alcohol	2.995	59	14852m	37.601	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	38005	5.373	ug/l	100
25) Chloroform	5.092	83	23129	5.366	ug/l	97
26) Cyclohexane	5.458	56	16451	5.175	ug/l #	97
29) 1,1-Dichloropropene	5.696	75	13861m	5.111	ug/l	
30) 2-Butanone	4.568	43	37935	26.941	ug/l #	95
31) 2,2-Dichloropropane	4.471	77	16071	5.065	ug/l #	78
32) 1,1,1-Trichloroethane	5.385	97	19158	5.119	ug/l	100
33) Carbon Tetrachloride	5.672	117	14254	4.676	ug/l	96
34) Benzene	6.031	78	45683	5.405	ug/l	95
35) Methacrylonitrile	4.922	41	8735m	5.278	ug/l	
36) 1,2-Dichloroethane	6.086	62	19821	5.612	ug/l #	90
37) Trichloroethene	7.123	130	10979	5.196	ug/l	95
38) Methylcyclohexane	7.379	83	15963	4.723	ug/l	96
39) 1,2-Dichloropropane	7.427	63	10704	5.097	ug/l	97
40) Dibromomethane	7.580	93	9223	5.599	ug/l	94
41) Bromodichloromethane	7.818	83	14698	4.751	ug/l	97
42) Vinyl Acetate	3.721	43	148291	25.035	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.714	43	15727m	5.366	ug/l	
44) Isopropyl Acetate	6.336	43	24897	5.111	ug/l #	75
45) 1,4-Dioxane	7.677	88	4093m	119.910	ug/l	
46) Methyl methacrylate	7.702	41	11409	4.804	ug/l	94
47) n-amyl Acetate	10.841	43	19204	4.862	ug/l	98
48) t-1,3-Dichloropropene	8.982	75	13757	4.594	ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	15021	4.394	ug/l	92
50) 1,1,2-Trichloroethane	9.147	97	11154	5.341	ug/l	91
51) Ethyl methacrylate	9.116	69	15310	4.800	ug/l	97
52) 1,3-Dichloropropane	9.305	76	21355	5.968	ug/l	99
53) Dibromochloromethane	9.518	129	10738	4.943	ug/l	96
54) 1,2-Dibromoethane	9.610	107	13423	6.247	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	38716	24.635	ug/l	97
56) Bromoform	10.799	173	6001	4.480	ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	76285	23.578	ug/l	98
59) 2-Hexanone	9.433	43	55909	25.020	ug/l	95
61) Tetrachloroethene	9.269	164	11190	5.490	ug/l	92
62) Toluene	8.714	91	48486	4.644	ug/l	100
64) Chlorobenzene	10.079	112	35212	5.433	ug/l	95
65) 1,1,1,2-Tetrachloroethane	10.159	131	10462	4.755	ug/l	96
66) Ethyl Benzene	10.189	91	55840	4.974	ug/l	100
67) m/p-Xylenes	10.299	106	41395	9.807	ug/l	100
68) o-Xylene	10.640	106	21476	5.213	ug/l	96
69) Styrene	10.652	104	31405	4.590	ug/l	99
70) Isopropylbenzene	10.963	105	51399	4.840	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	17600	5.325	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	15474m	5.367	ug/l	
73) Bromobenzene	11.195	156	12937	5.183	ug/l	99
74) n-propylbenzene	11.305	91	56004	4.653	ug/l	99
75) 2-Chlorotoluene	11.360	91	38091	5.035	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	42167	4.777	ug/l	96
77) t-1,4-Dichloro-2-butene	11.018	75	3245	3.541	ug/l	87
78) 4-Chlorotoluene	11.451	91	40975	4.877	ug/l	97
79) tert-butylbenzene	11.713	119	43462	5.013	ug/l	97
80) 1,2,4-Trimethylbenzene	11.750	105	42683	4.906	ug/l	98
81) sec-Butylbenzene	11.890	105	51501	4.910	ug/l	99
82) p-Isopropyltoluene	12.006	119	39569	4.537	ug/l	96
83) 1,3-Dichlorobenzene	11.969	146	22705	5.027	ug/l	97
84) 1,4-Dichlorobenzene	12.042	146	22800	5.047	ug/l	92
85) n-Butylbenzene	12.329	91	31511	4.245	ug/l	100
86) Hexachloroethane	12.536	117	5513	4.012	ug/l	92
87) 1,2-Dichlorobenzene	12.335	146	22618	4.910	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	2799	4.401	ug/l	94
89) 1,2,4-Trichlorobenzene	13.591	180	10889	4.119	ug/l	98
90) Hexachlorobutadiene	13.725	225	5255	4.907	ug/l	92
91) Naphthalene	13.780	128	37534	4.195	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	11828	4.354	ug/l	95

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

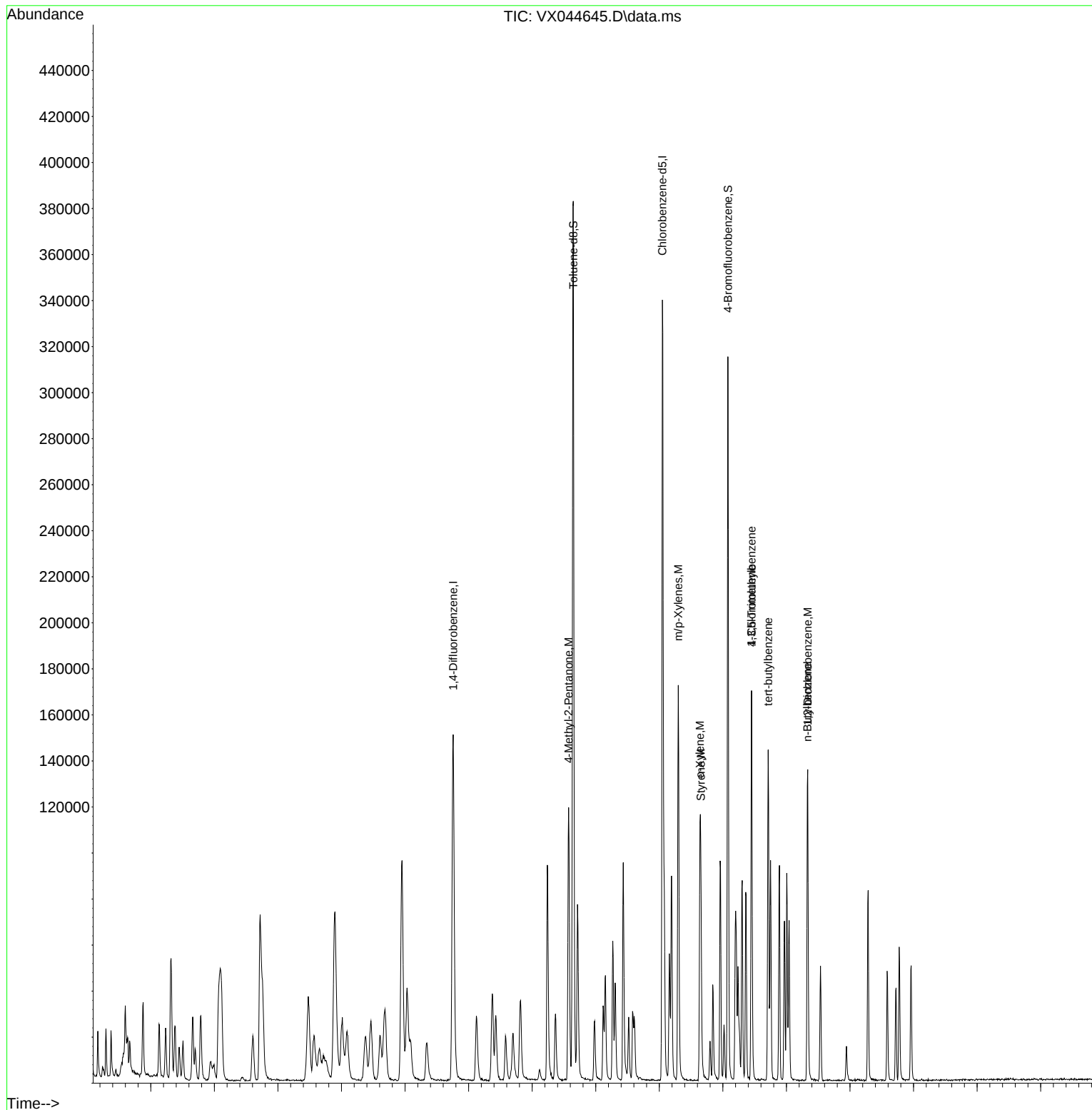
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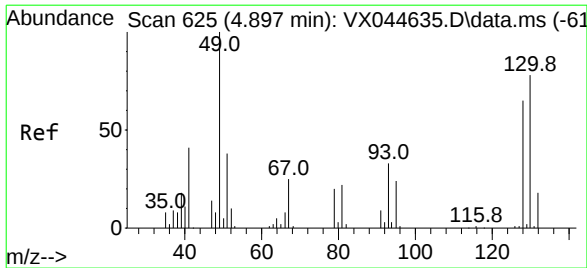
Instrument :
MSVOA_X
ClientSampleId :
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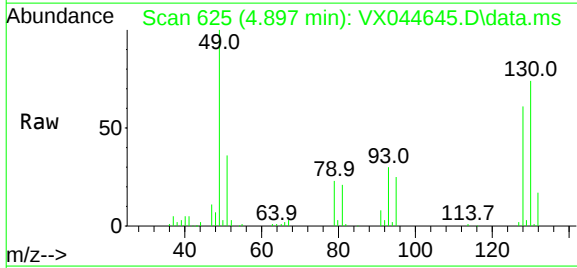
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 62
Delta R.T. 0.000 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

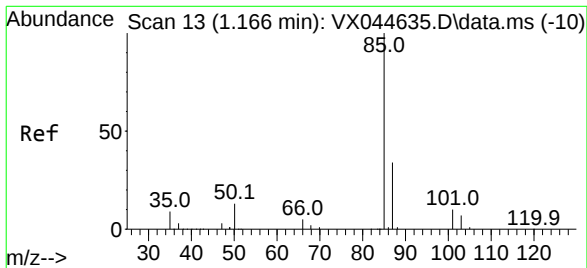
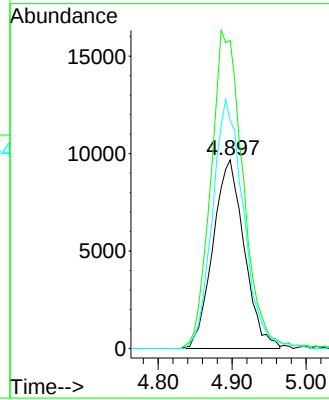
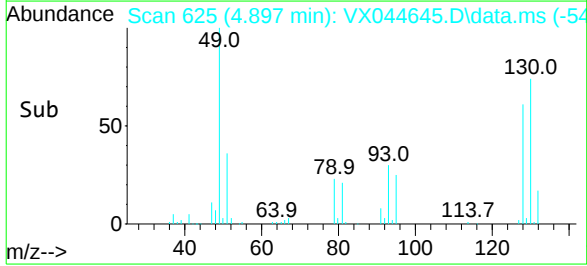
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:128 Resp: 28379
Ion Ratio Lower Upper
128 100
49 172.6 0.0 425.8
130 131.2 0.0 319.8

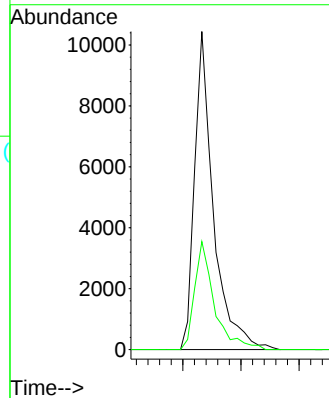
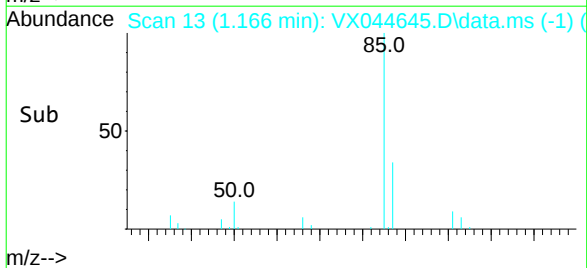
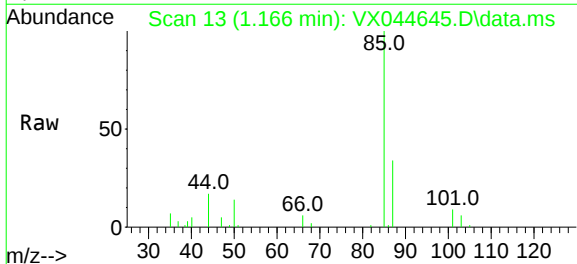
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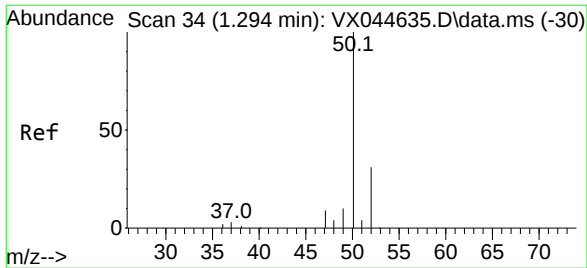
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#2
Dichlorodifluoromethane
Concen: 4.575 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

Tgt Ion: 85 Resp: 11724
Ion Ratio Lower Upper
85 100
87 34.0 17.0 51.0





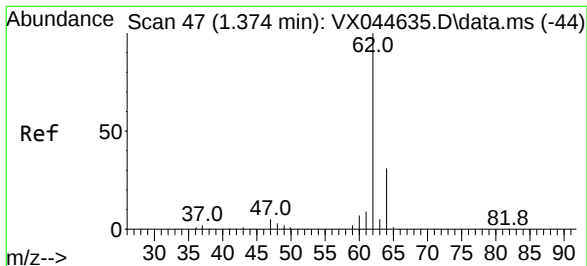
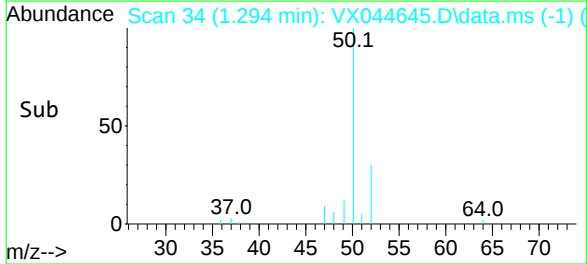
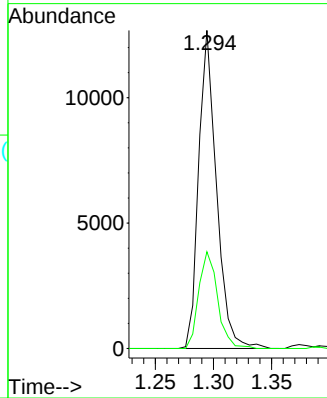
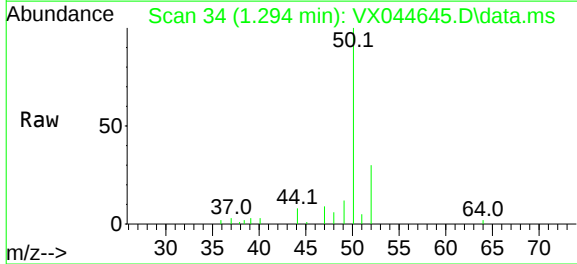
#3
Chloromethane
Concen: 5.260 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

Instrument :
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ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 50 Resp: 13530
Ion Ratio Lower Upper
50 100
52 30.4 24.5 36.7

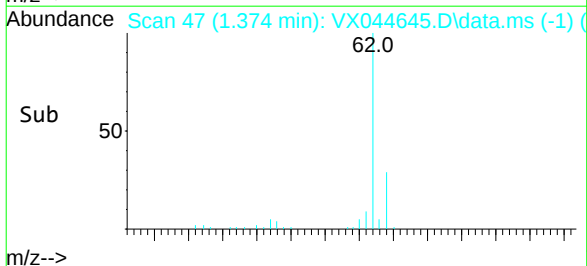
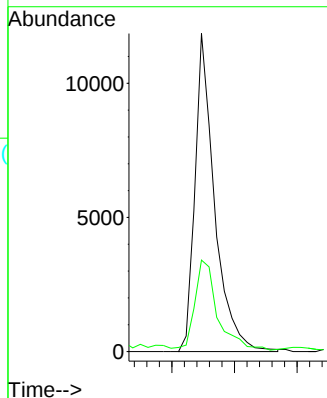
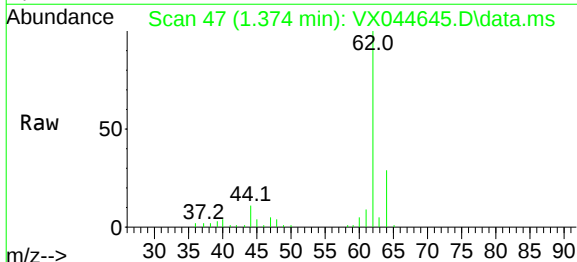
Manual Integrations
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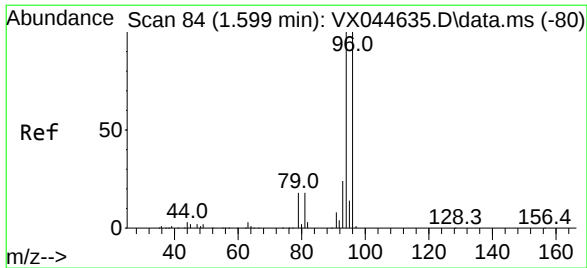
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#4
Vinyl Chloride
Concen: 5.329 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

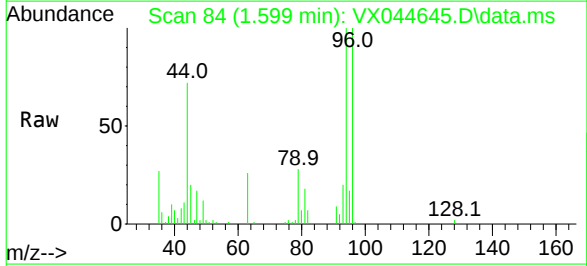
Tgt Ion: 62 Resp: 12912
Ion Ratio Lower Upper
62 100
64 28.1 24.7 37.1





#5
Bromomethane
Concen: 5.642 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

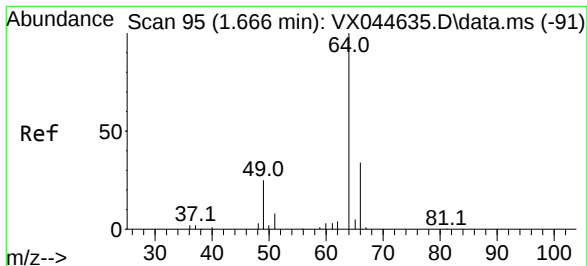
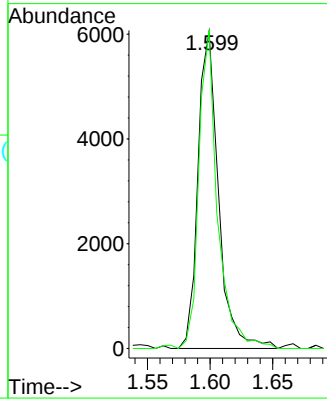
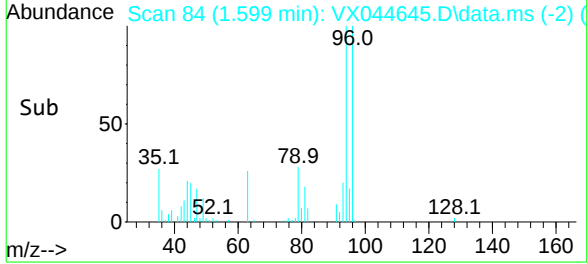
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 6896
Ion Ratio Lower Upper
94 100
96 100.3 79.9 119.9

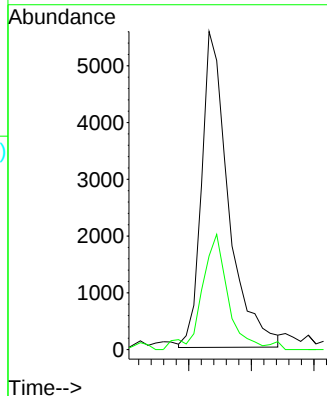
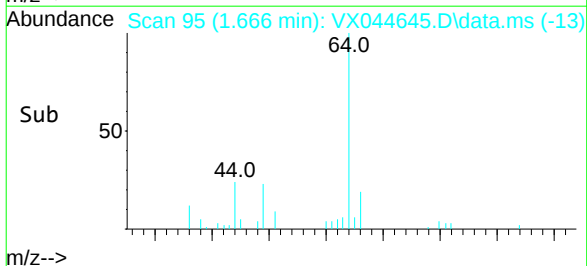
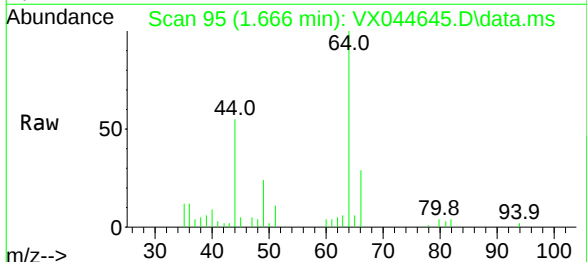
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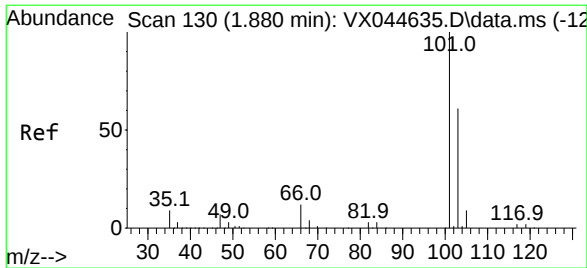
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#6
Chloroethane
Concen: 6.136 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX044645.D
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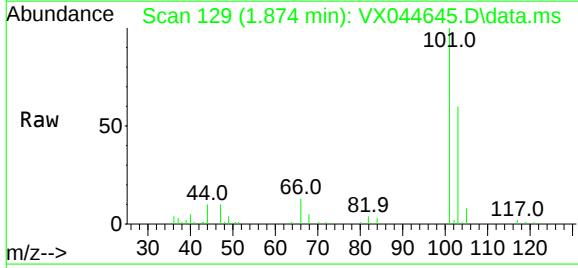
Tgt Ion: 64 Resp: 8320
Ion Ratio Lower Upper
64 100
66 27.4 26.9 40.3





#7
 Trichlorofluoromethane
 Concen: 5.344 ug/l
 RT: 1.874 min Scan# 129
 Delta R.T. -0.006 min
 Lab File: VX044645.D
 Acq: 09 Jan 2025 05:05

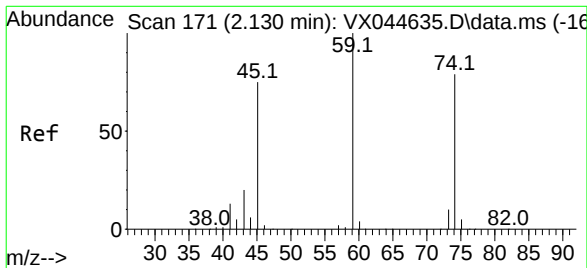
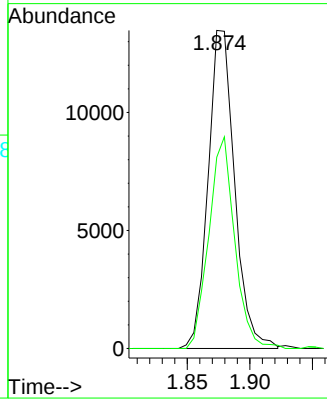
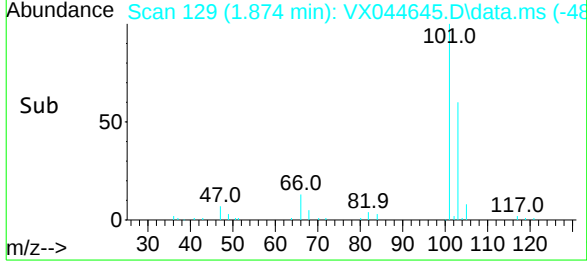
Instrument : MSVOA_X
 ClientSampleId : LOQ-WATER-02-QT4-2024



Tgt Ion: 101 Resp: 19902
 Ion Ratio Lower Upper
 101 100
 103 60.1 49.2 73.8

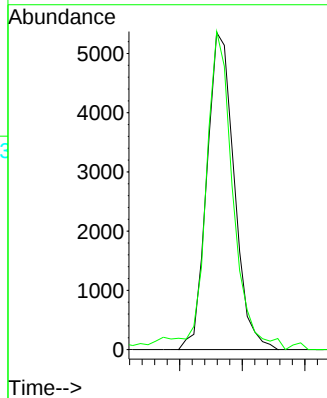
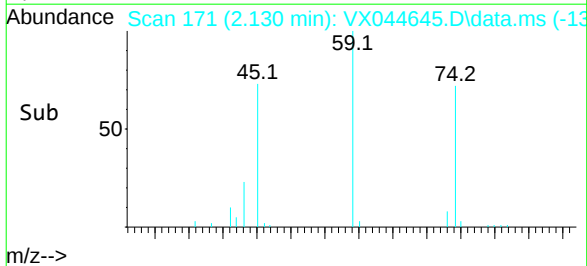
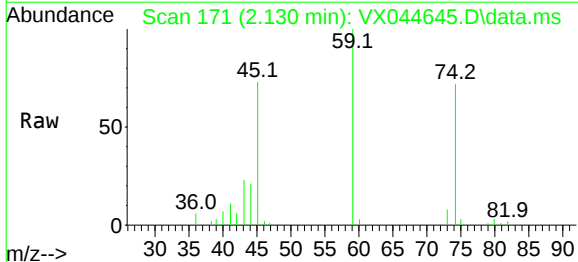
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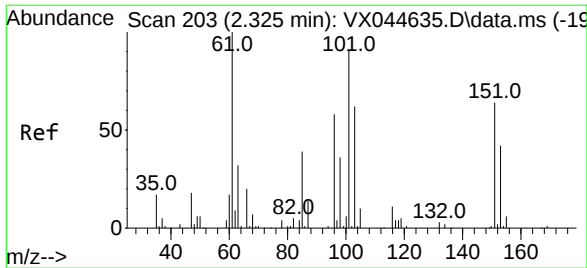
Reviewed By : John Carlone 01/09/2025
 Supervised By : Semsettin Yesilyurt 01/09/2025



#8
 Diethyl Ether
 Concen: 5.673 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VX044645.D
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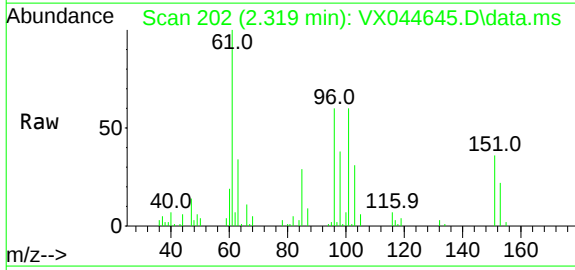
Tgt Ion: 74 Resp: 8120
 Ion Ratio Lower Upper
 74 100
 45 95.0 19.4 174.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.204 ug/l
RT: 2.319 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX044645.D
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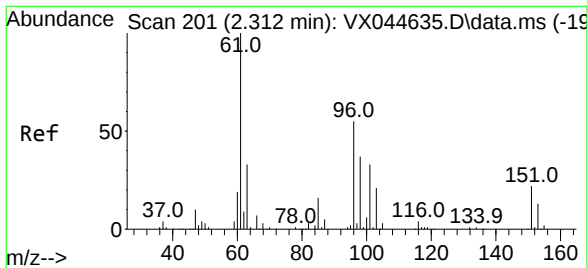
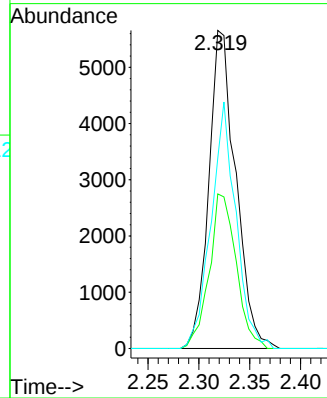
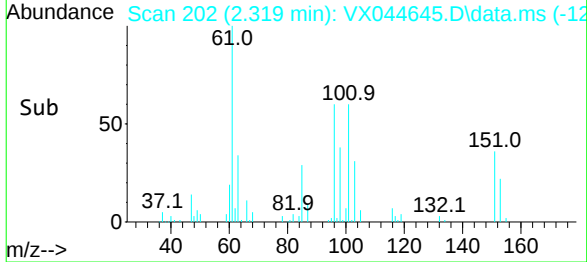
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:101 Resp: 10414
Ion Ratio Lower Upper
101 100
85 48.7 0.0 93.4
151 71.8 0.0 146.2

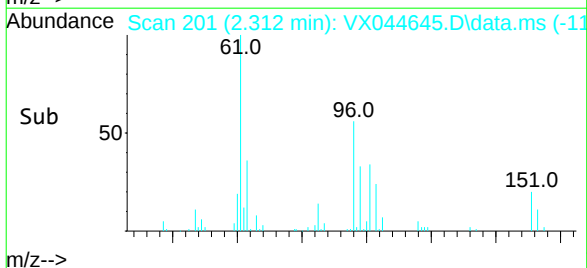
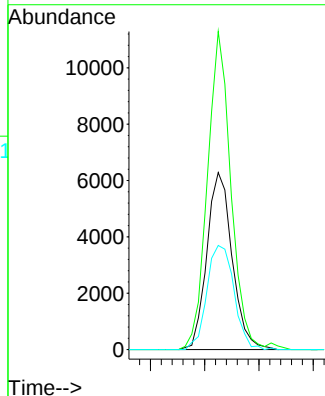
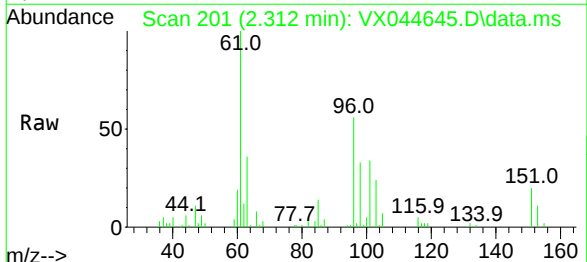
Manual Integrations
APPROVED

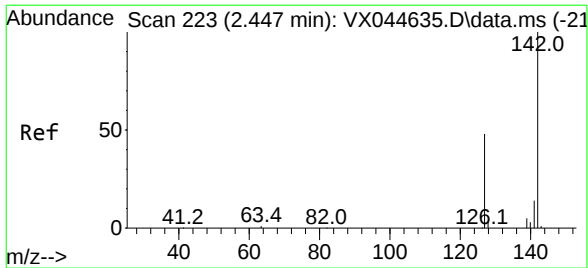
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#10
1,1-Dichloroethene
Concen: 5.181 ug/l
RT: 2.312 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

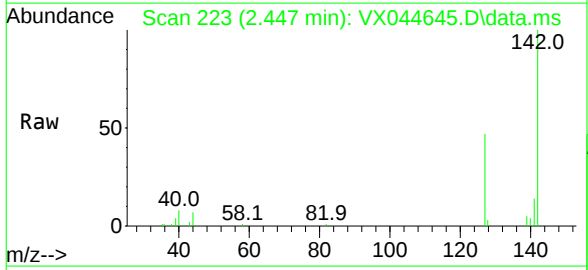
Tgt Ion: 96 Resp: 10194
Ion Ratio Lower Upper
96 100
61 179.6 146.0 219.0
98 58.8 54.6 81.8





#11
Methyl Iodide
Concen: 4.950 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

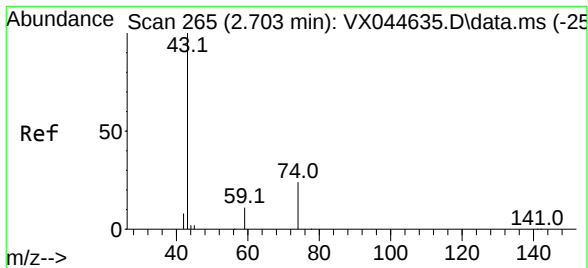
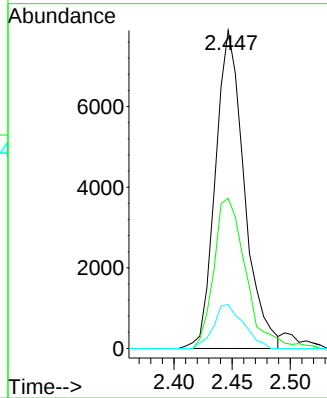
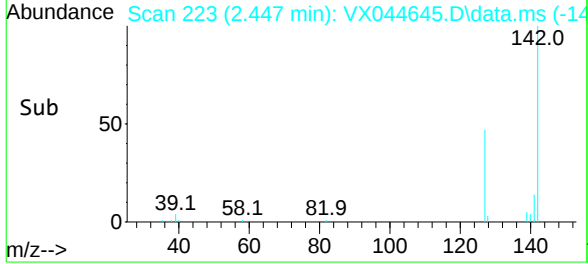
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2024



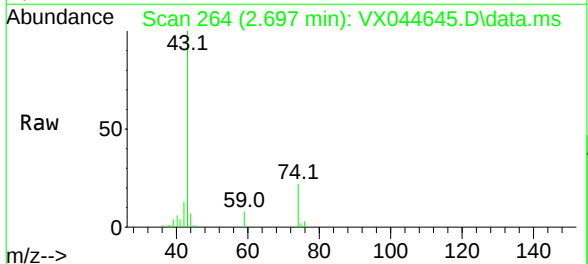
Tgt Ion	Ratio	Lower	Upper
142	100		
127	46.5	24.1	72.2
141	14.1	7.0	20.9

Manual Integrations
APPROVED

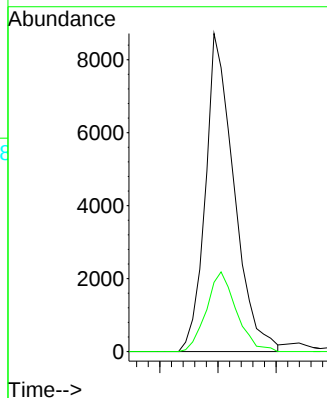
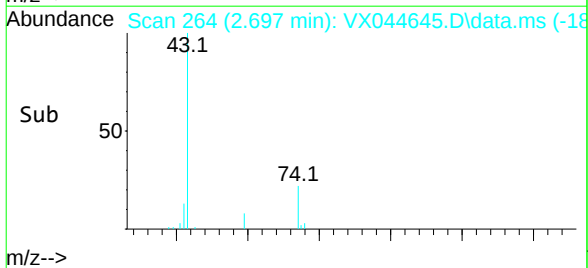
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

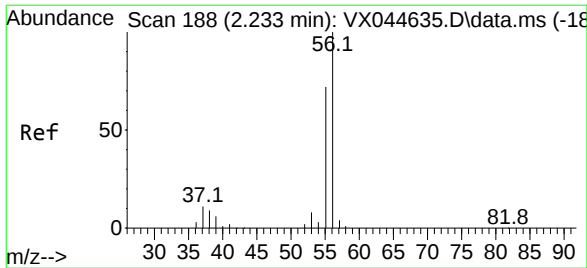


#12
Methyl Acetate
Concen: 5.353 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05



Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.0	19.4	29.0





#13

Acrolein

Concen: 28.339 ug/l

RT: 2.233 min Scan# 18

Delta R.T. 0.000 min

Lab File: VX044645.D

Acq: 09 Jan 2025 05:05

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion: 56 Resp: 14445

Ion Ratio Lower Upper

56 100

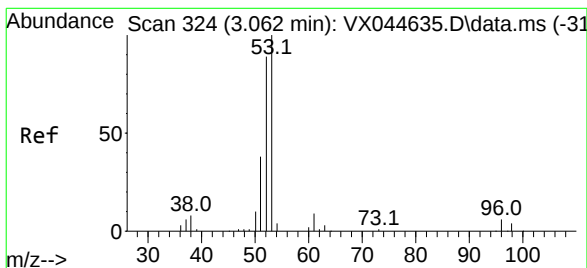
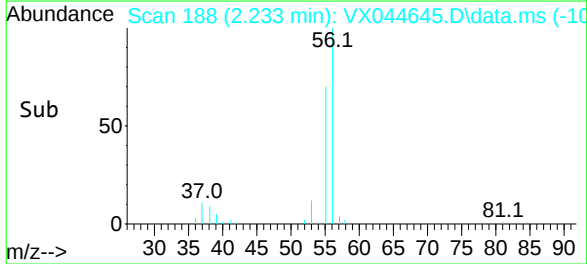
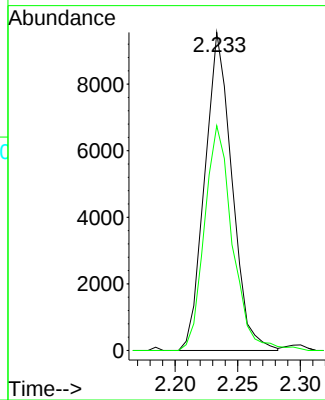
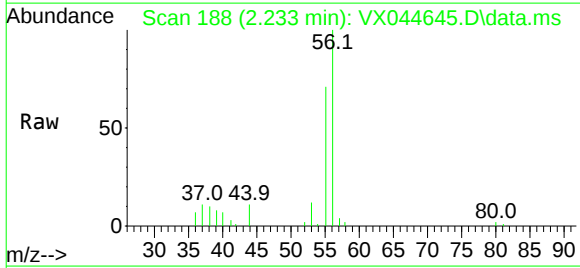
55 72.4 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#14

Acrylonitrile

Concen: 26.859 ug/l

RT: 3.062 min Scan# 324

Delta R.T. 0.000 min

Lab File: VX044645.D

Acq: 09 Jan 2025 05:05

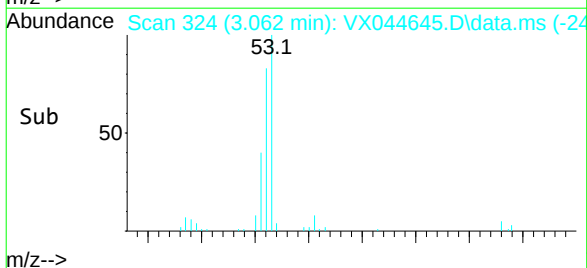
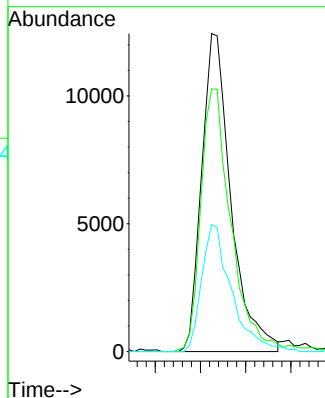
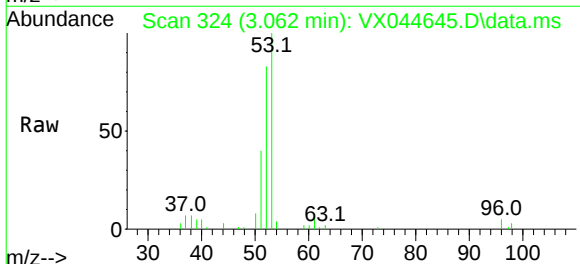
Tgt Ion: 53 Resp: 28035

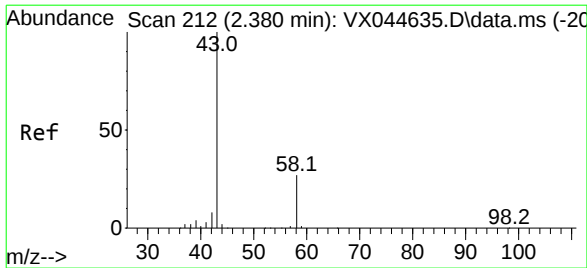
Ion Ratio Lower Upper

53 100

52 83.1 41.5 124.6

51 40.6 18.4 55.4





#15

Acetone

Concen: 28.500 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX044645.D

Acq: 09 Jan 2025 05:05

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion: 58 Resp: 7560

Ion Ratio Lower Upper

58 100

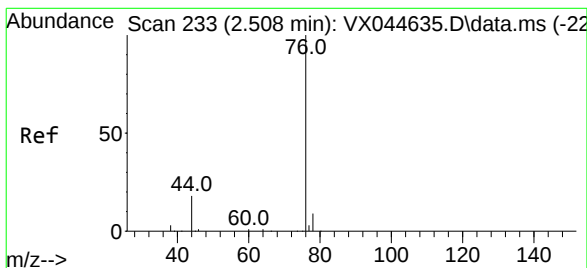
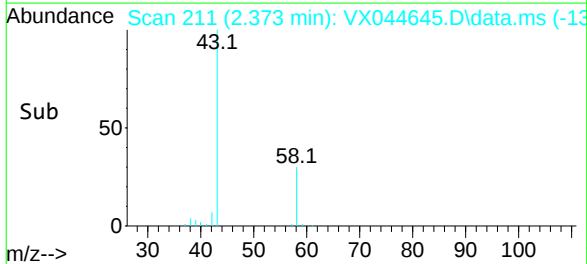
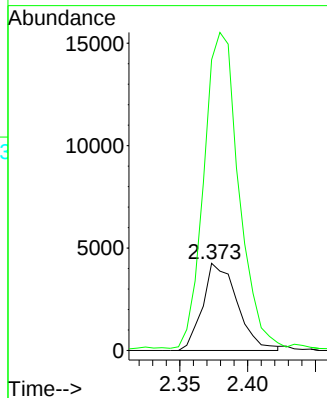
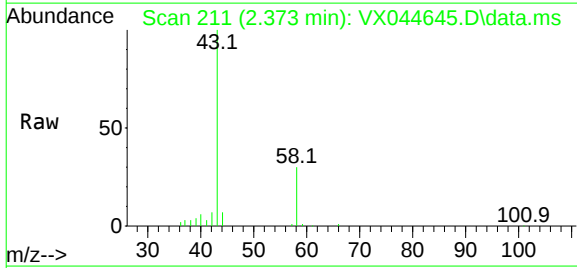
43 329.3 293.6 440.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#16

Carbon Disulfide

Concen: 4.602 ug/l

RT: 2.508 min Scan# 233

Delta R.T. 0.000 min

Lab File: VX044645.D

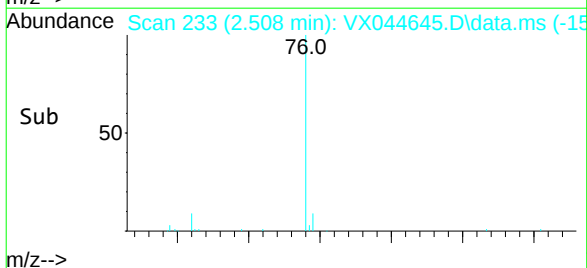
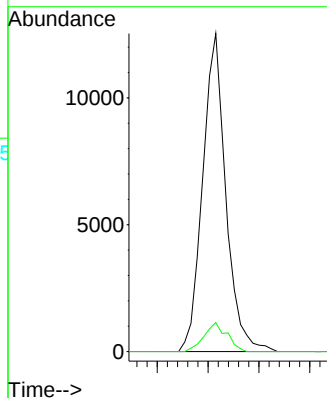
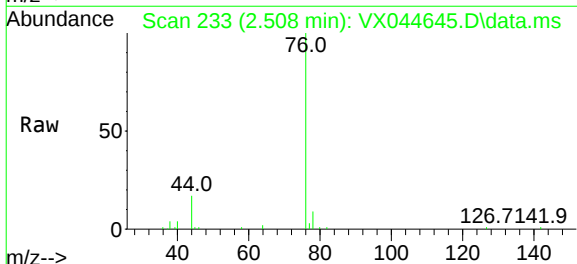
Acq: 09 Jan 2025 05:05

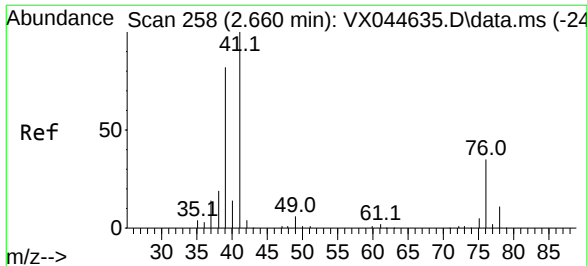
Tgt Ion: 76 Resp: 19852

Ion Ratio Lower Upper

76 100

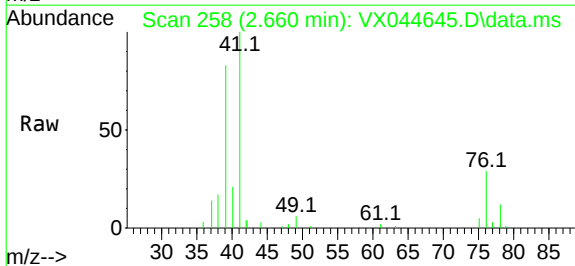
78 9.2 7.0 10.4





#17
 Allyl chloride
 Concen: 4.959 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. 0.000 min
 Lab File: VX044645.D
 Acq: 09 Jan 2025 05:05

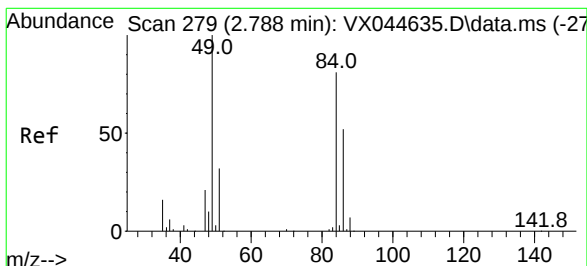
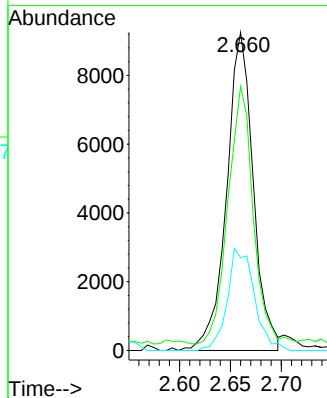
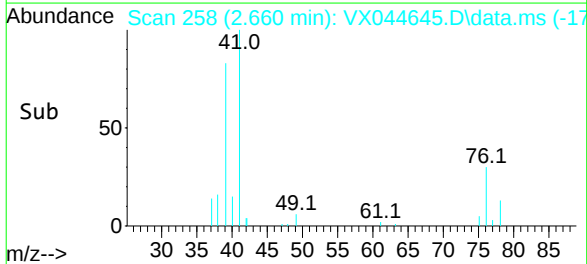
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2024



Tgt Ion:	41	Resp:	16824
Ion	Ratio	Lower	Upper
41	100		
39	80.2	40.9	122.7
76	29.2	17.4	52.2

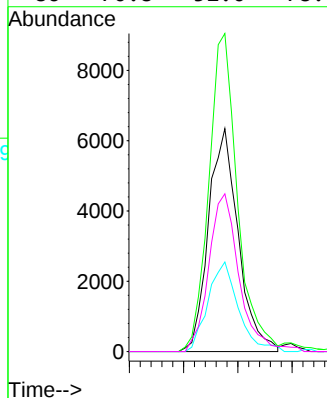
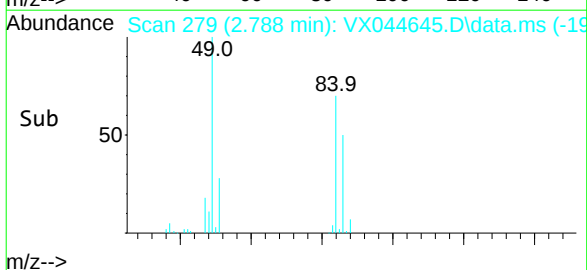
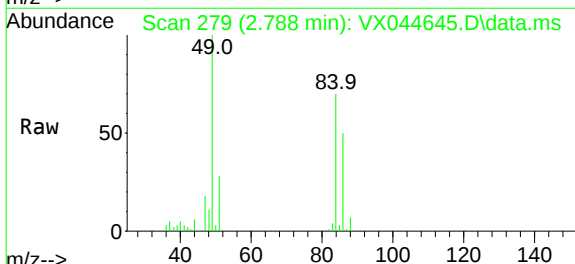
Manual Integrations
 APPROVED

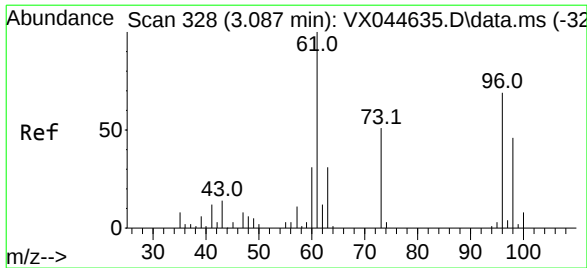
Reviewed By :John Carlone 01/09/2025
 Supervised By :Semsettin Yesilyurt 01/09/2025



#18
 Methylene Chloride
 Concen: 5.307 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX044645.D
 Acq: 09 Jan 2025 05:05

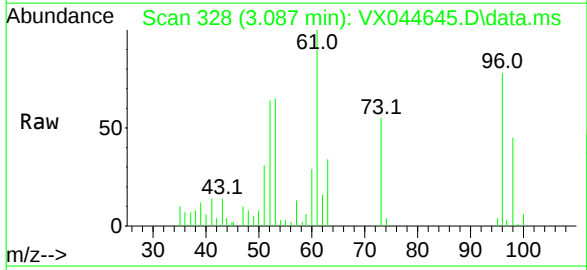
Tgt Ion:	84	Resp:	12100
Ion	Ratio	Lower	Upper
84	100		
49	142.7	99.2	148.8
51	40.2	31.7	47.5
86	70.8	52.0	78.0





#19
trans-1,2-Dichloroethene
Concen: 5.336 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.000 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

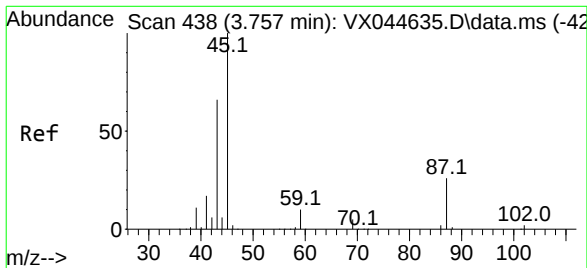
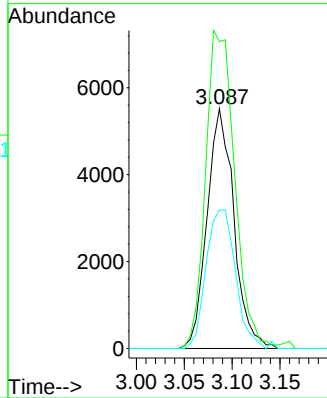
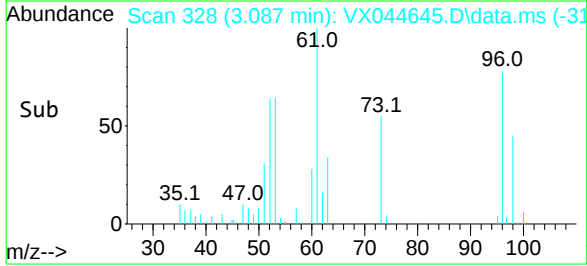
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2024



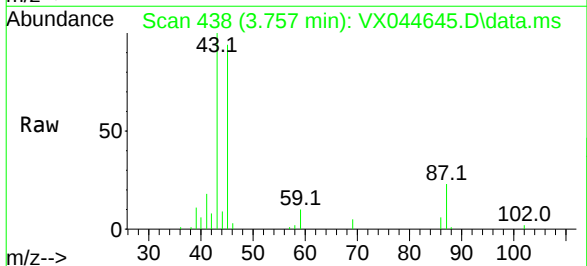
Tgt Ion: 96 Resp: 10749
Ion Ratio Lower Upper
96 100
61 128.0 116.6 175.0
98 57.7 53.3 79.9

Manual Integrations
APPROVED

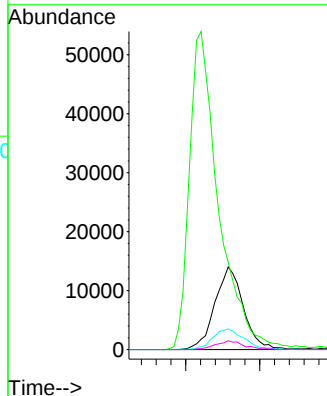
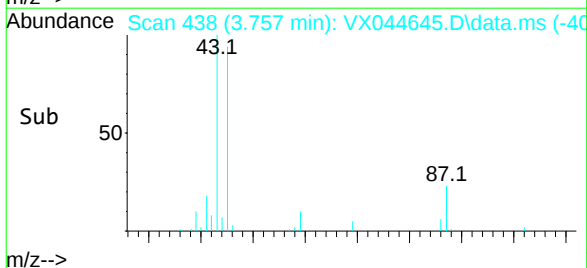
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

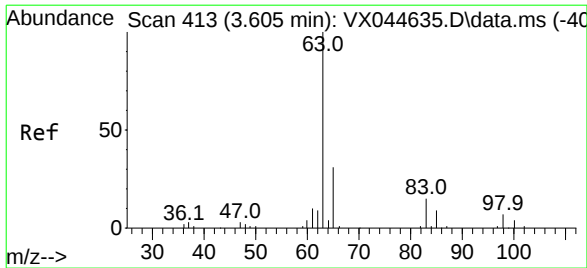


#20
Diisopropyl ether
Concen: 5.242 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05



Tgt Ion: 45 Resp: 37360
Ion Ratio Lower Upper
45 100
43 98.8 62.0 93.0#
87 24.4 20.6 30.8
59 10.8 8.4 12.6





#21

1,1-Dichloroethane

Concen: 5.354 ug/l

RT: 3.605 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX044645.D

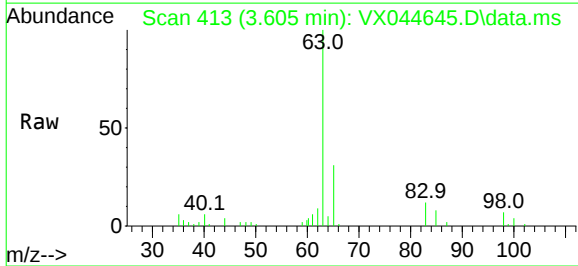
Acq: 09 Jan 2025 05:05

Instrument :

MSVOA_X

ClientSampleId :

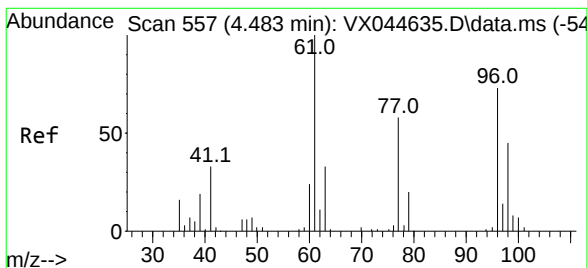
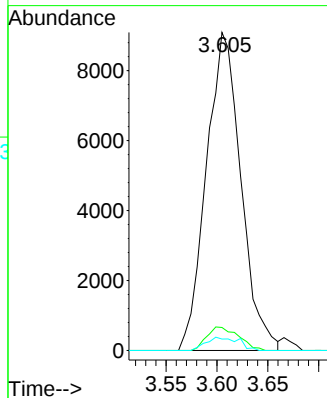
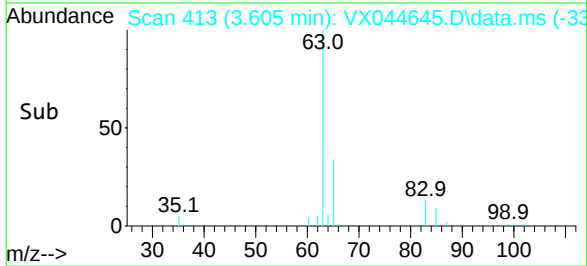
LOQ-WATER-02-QT4-2024



Tgt Ion:	63	Resp:	21511
Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.4	10.1
100	3.6	2.2	6.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#22

cis-1,2-Dichloroethene

Concen: 5.435 ug/l

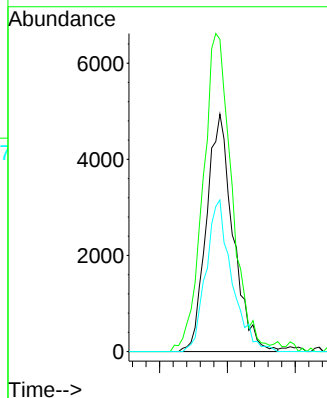
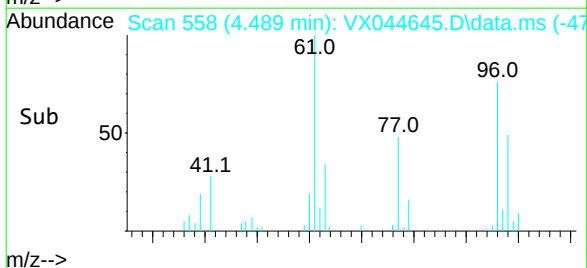
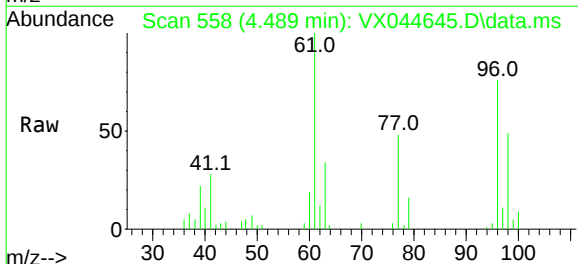
RT: 4.489 min Scan# 558

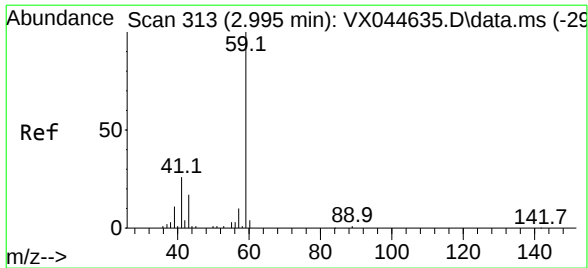
Delta R.T. 0.006 min

Lab File: VX044645.D

Acq: 09 Jan 2025 05:05

Tgt Ion:	96	Resp:	13487
Ion	Ratio	Lower	Upper
96	100		
61	145.0	119.8	179.8
98	61.4	51.6	77.4





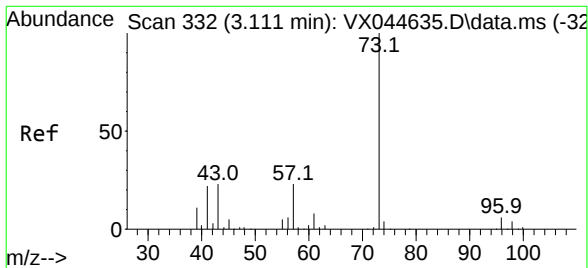
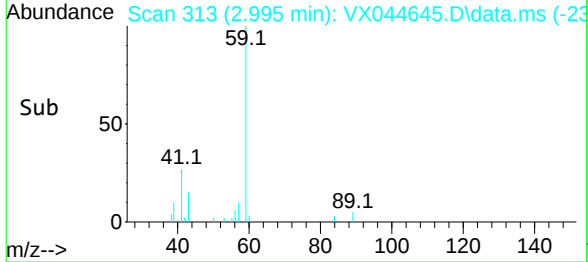
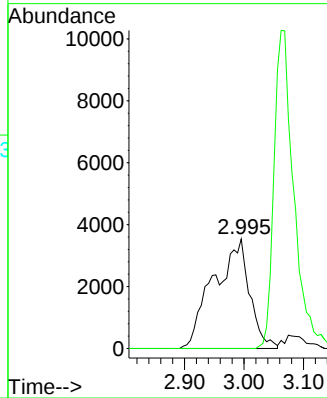
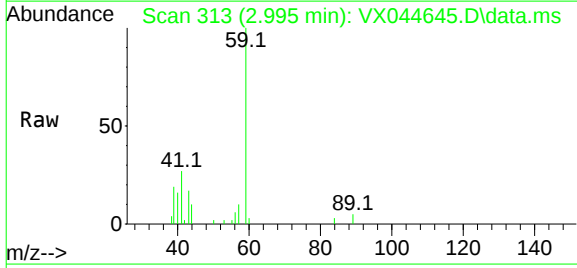
#23
tert-Butyl Alcohol
Concen: 37.601 ug/l m
RT: 2.995 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 59 Resp: 14852
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

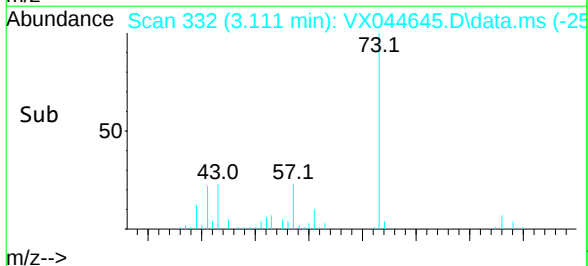
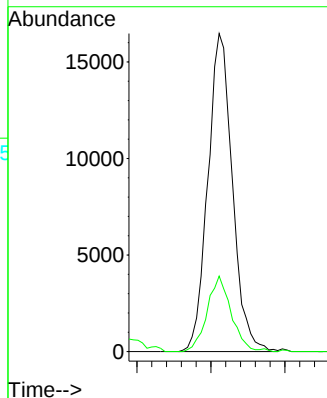
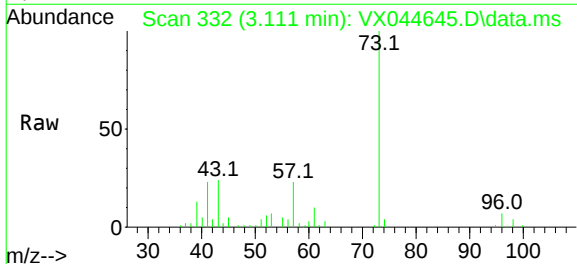
Manual Integrations
APPROVED

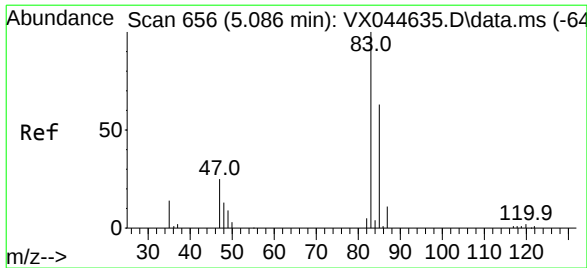
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#24
Methyl tert-Butyl Ether
Concen: 5.373 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

Tgt Ion: 73 Resp: 38005
Ion Ratio Lower Upper
73 100
43 23.0 18.3 27.5





#25

Chloroform

Concen: 5.366 ug/l

RT: 5.092 min Scan# 65

Delta R.T. 0.006 min

Lab File: VX044645.D

Acq: 09 Jan 2025 05:05

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion: 83 Resp: 23129

Ion Ratio Lower Upper

83 100

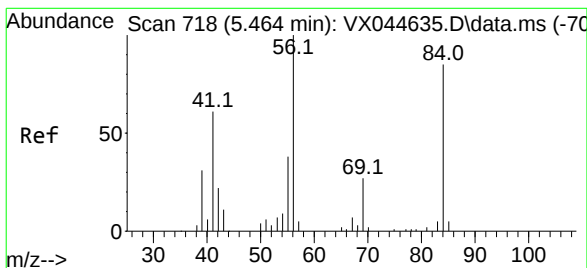
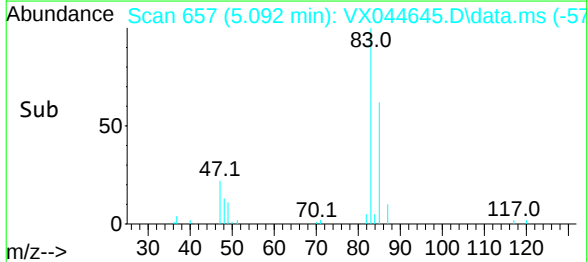
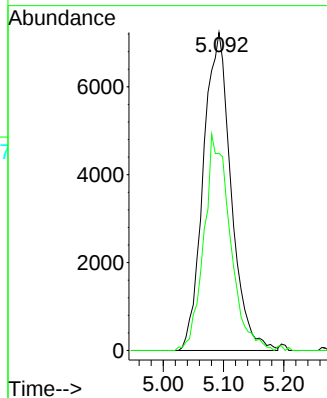
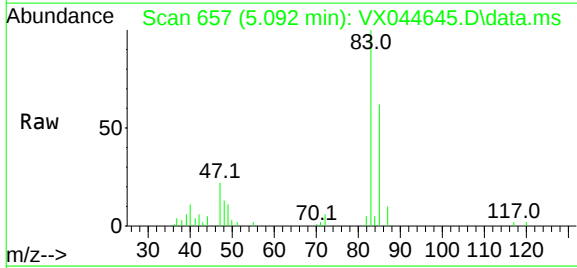
85 60.9 50.7 76.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#26

Cyclohexane

Concen: 5.175 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.006 min

Lab File: VX044645.D

Acq: 09 Jan 2025 05:05

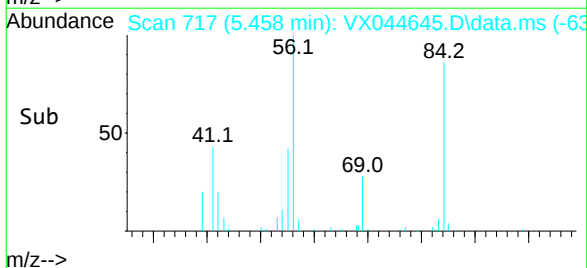
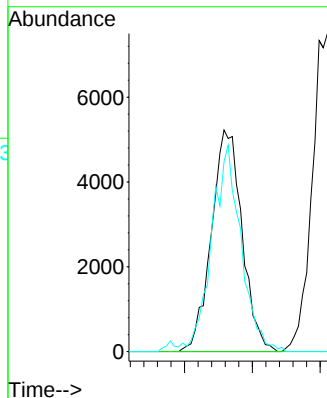
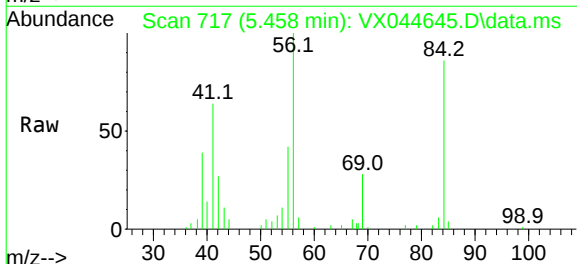
Tgt Ion: 56 Resp: 16451

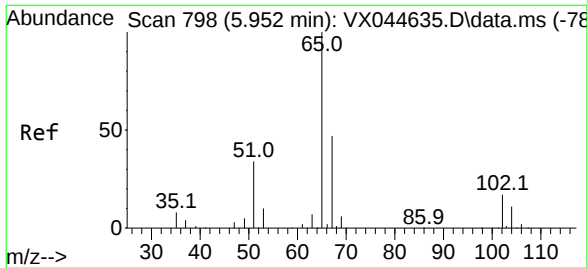
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 83.9 69.2 103.8





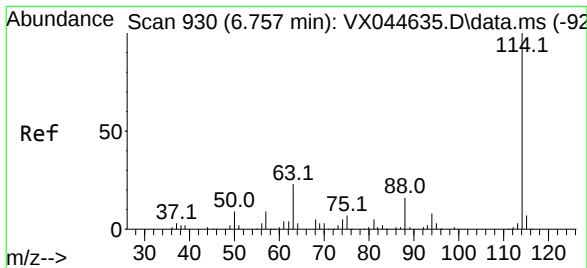
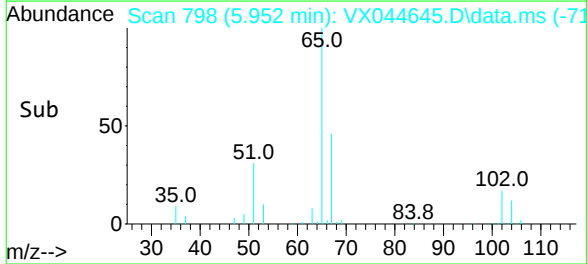
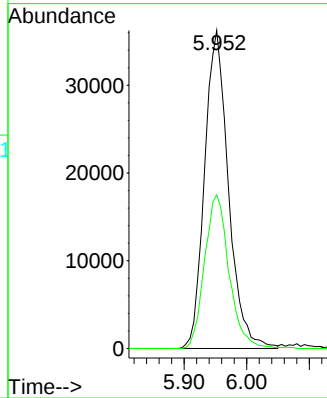
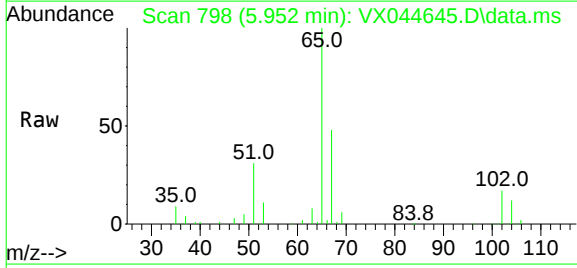
#27
1,2-Dichloroethane-d4
Concen: 30.893 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 65 Resp: 95985
Ion Ratio Lower Upper
65 100
67 49.6 39.1 58.7

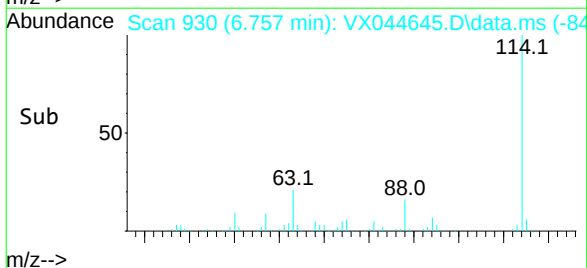
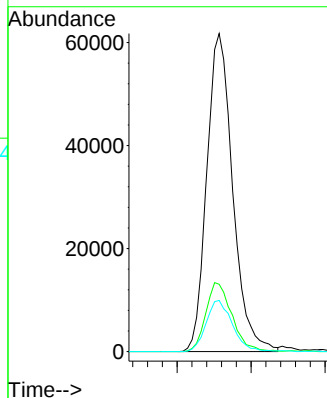
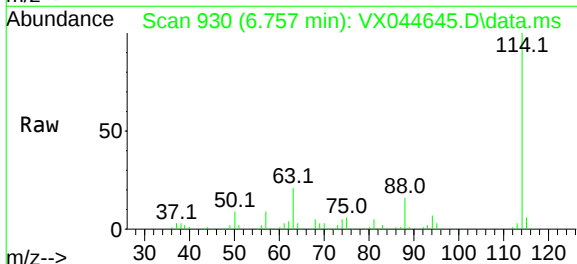
Manual Integrations
APPROVED

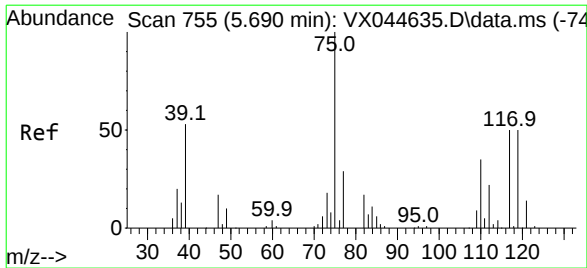
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

Tgt Ion:114 Resp: 150469
Ion Ratio Lower Upper
114 100
63 21.8 17.7 26.5
88 16.3 13.1 19.7





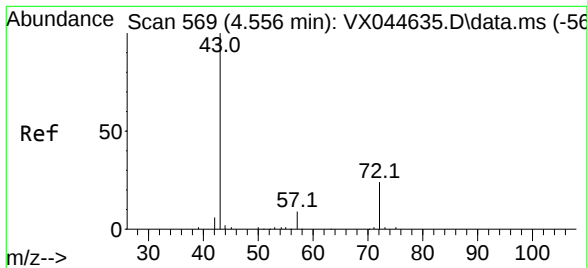
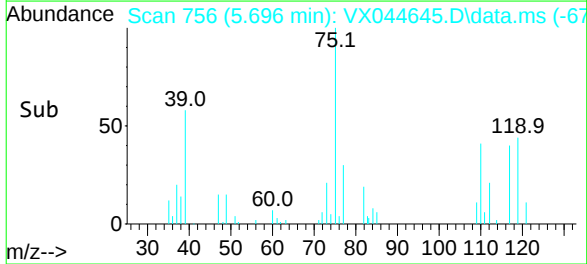
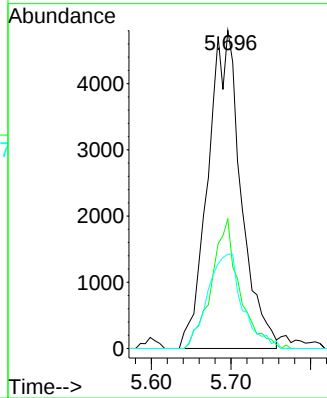
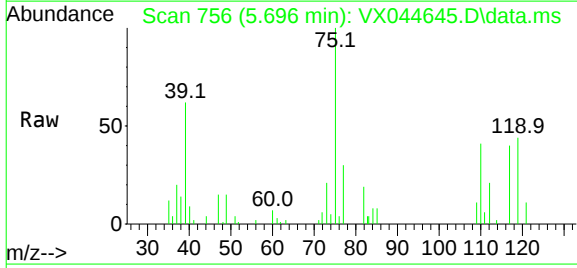
#29
1,1-Dichloropropene
Concen: 5.111 ug/l m
RT: 5.696 min Scan# 75
Delta R.T. 0.006 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 75	Resp: 13861
Ion Ratio	Lower Upper
75 100	
110 34.3	0.0 67.4
77 31.2	0.0 62.8

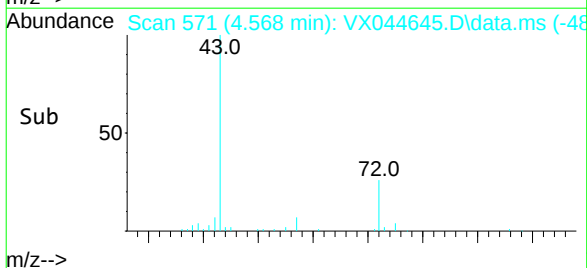
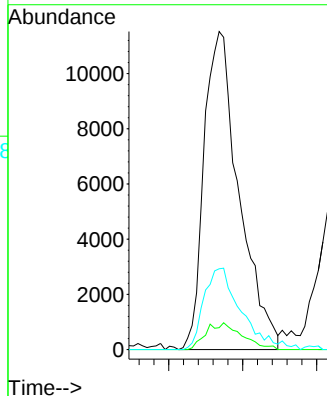
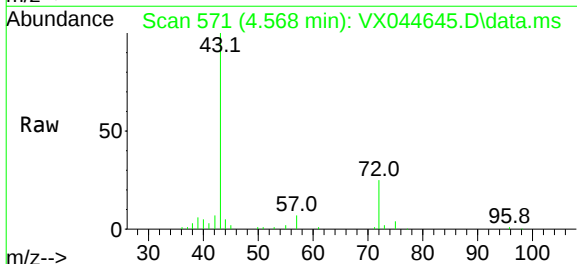
Manual Integrations
APPROVED

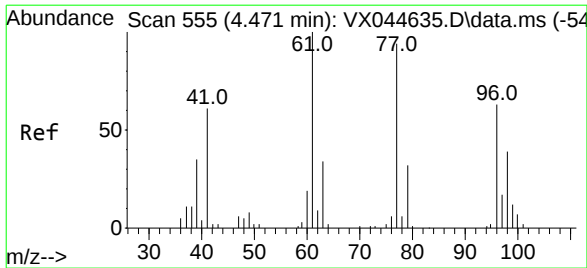
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#30
2-Butanone
Concen: 26.941 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

Tgt Ion: 43	Resp: 37935
Ion Ratio	Lower Upper
43 100	
57 5.6	6.4 9.6#
72 26.4	19.4 29.2





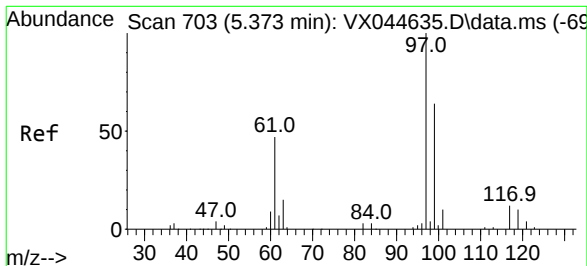
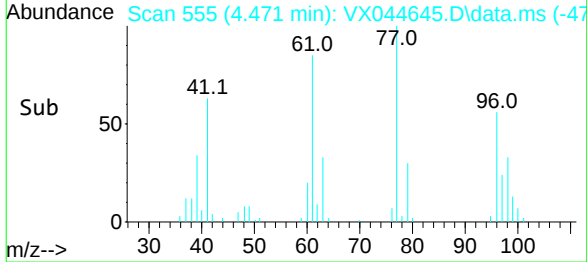
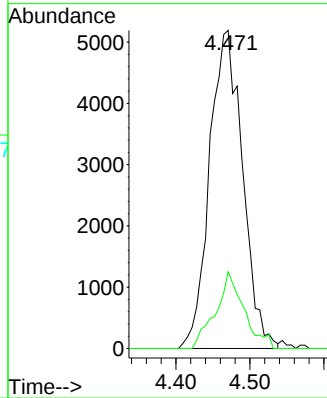
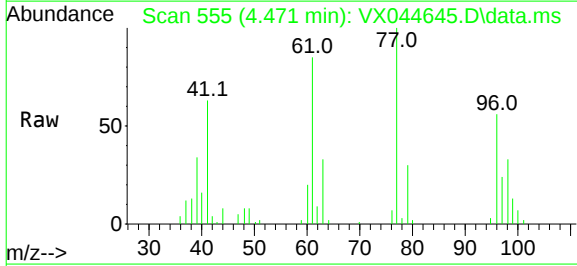
#31
2,2-Dichloropropane
Concen: 5.065 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 77 Resp: 16071
Ion Ratio Lower Upper
77 100
97 20.2 9.3 13.9#

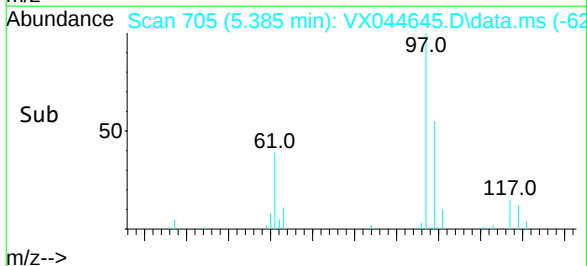
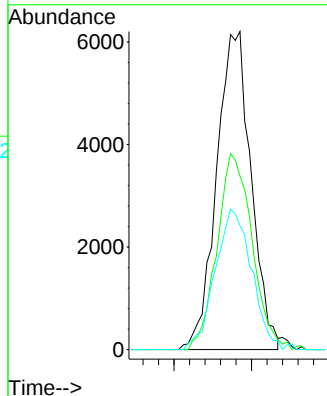
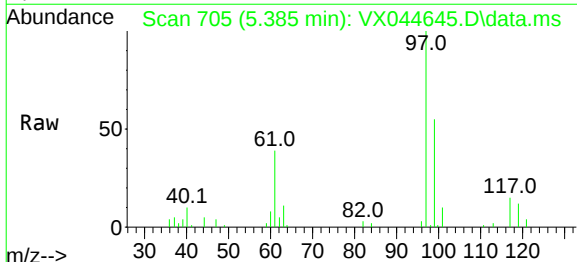
Manual Integrations
APPROVED

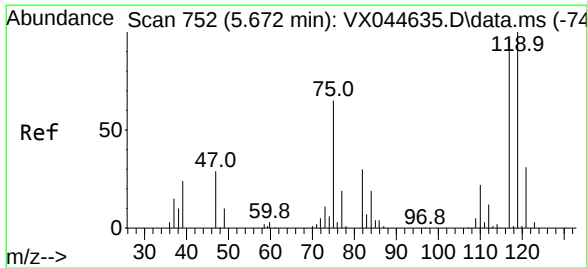
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#32
1,1,1-Trichloroethane
Concen: 5.119 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.012 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

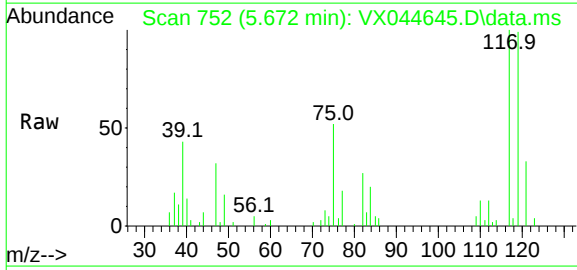
Tgt Ion: 97 Resp: 19158
Ion Ratio Lower Upper
97 100
99 62.5 50.2 75.4
61 46.6 37.4 56.0





#33
Carbon Tetrachloride
Concen: 4.676 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

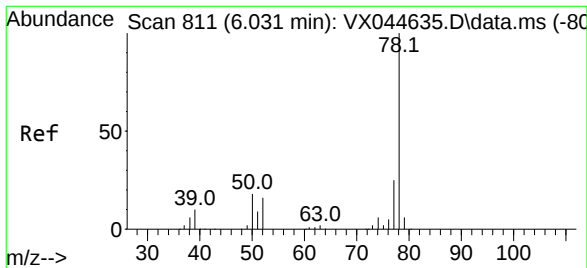
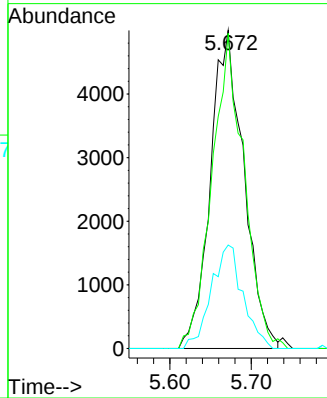
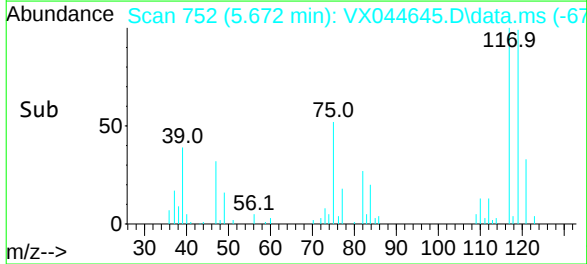
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2024



Tgt Ion:	117	Resp:	14254
Ion	Ratio	Lower	Upper
117	100		
119	99.1	83.0	124.6
121	32.5	25.6	38.4

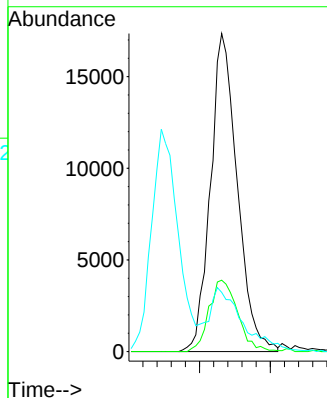
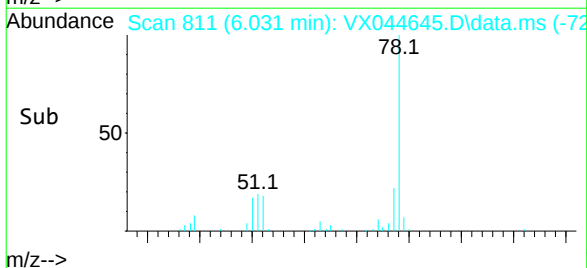
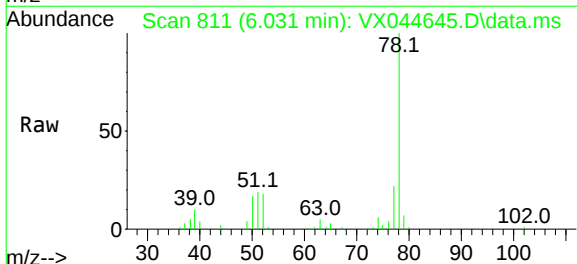
Manual Integrations
APPROVED

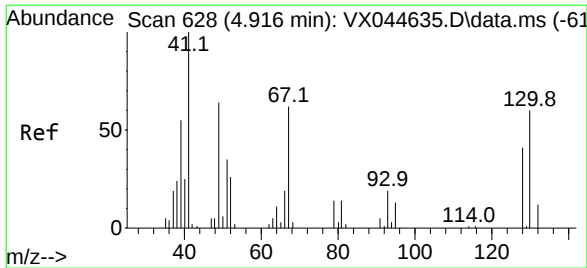
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#34
Benzene
Concen: 5.405 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

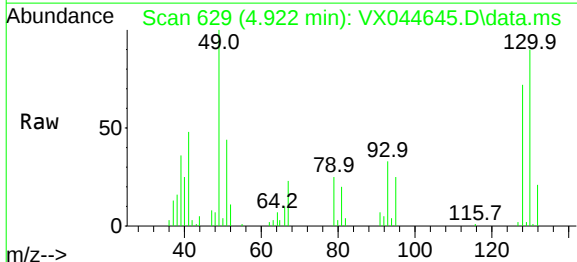
Tgt Ion:	78	Resp:	45683
Ion	Ratio	Lower	Upper
78	100		
77	22.4	19.8	29.6
51	16.0	14.5	21.7





#35
Methacrylonitrile
Concen: 5.278 ug/l m
RT: 4.922 min Scan# 62
Delta R.T. 0.006 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

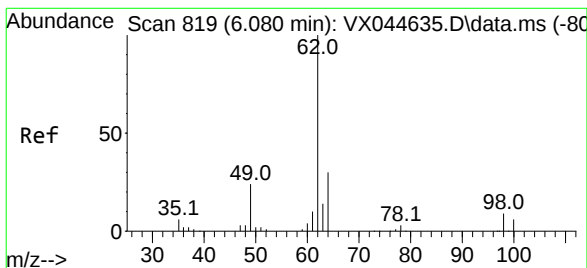
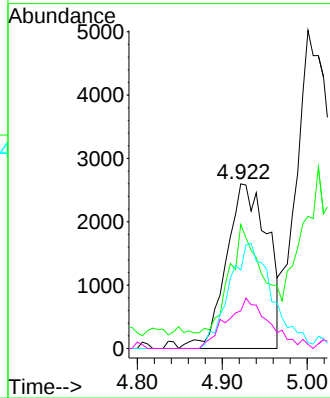
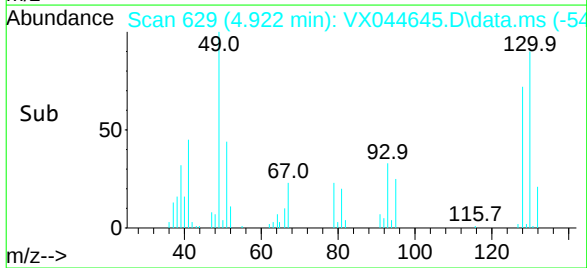
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 41 Resp: 8735
Ion Ratio Lower Upper
41 100
39 75.3 27.7 83.0
67 47.5 31.1 93.3
52 22.9 13.1 39.1

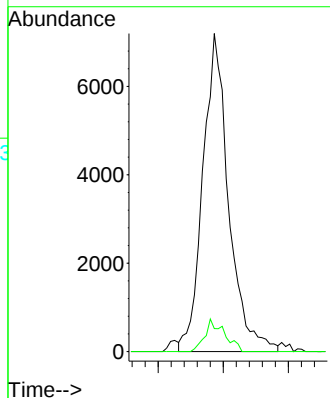
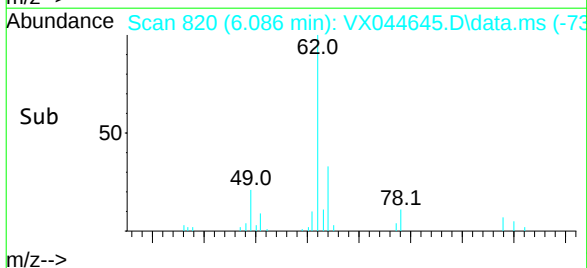
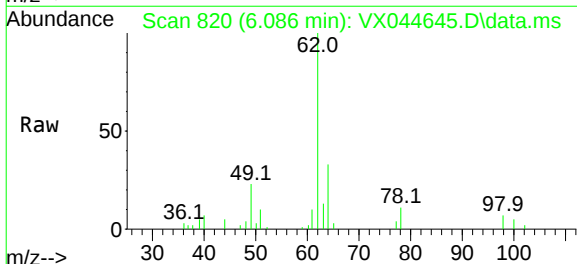
Manual Integrations
APPROVED

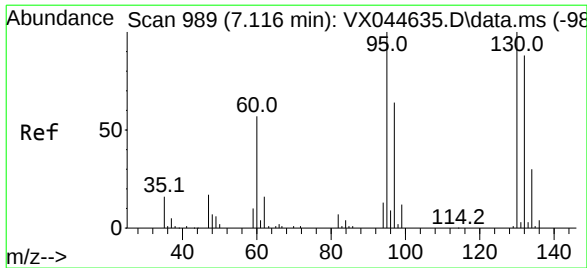
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#36
1,2-Dichloroethane
Concen: 5.612 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

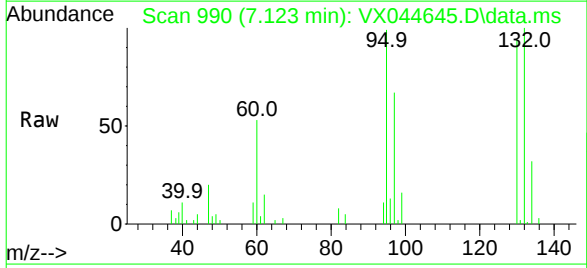
Tgt Ion: 62 Resp: 19821
Ion Ratio Lower Upper
62 100
98 4.9 6.7 10.1#





#37
Trichloroethene
Concen: 5.196 ug/l
RT: 7.123 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

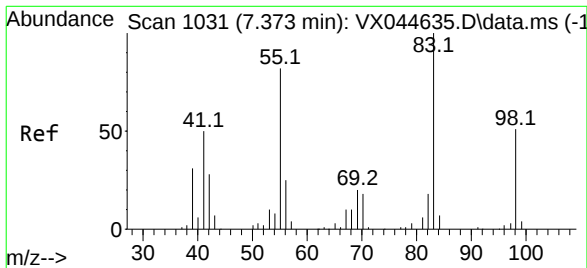
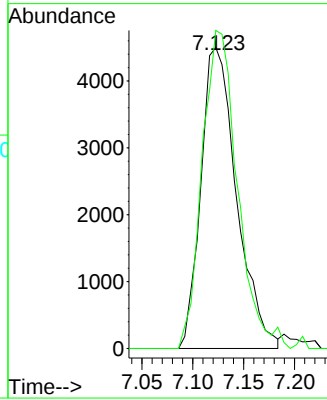
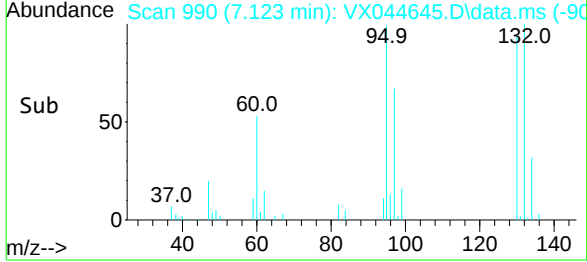
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:130 Resp: 10979
Ion Ratio Lower Upper
130 100
95 105.7 80.2 120.4

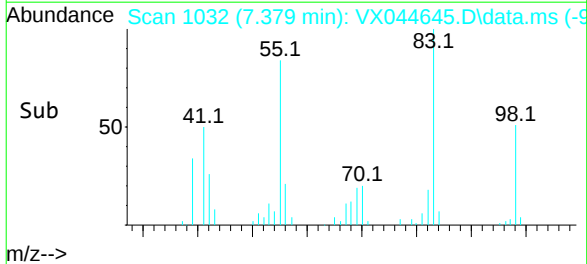
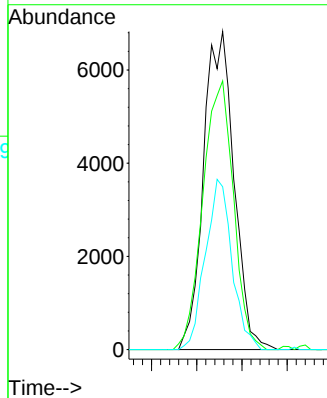
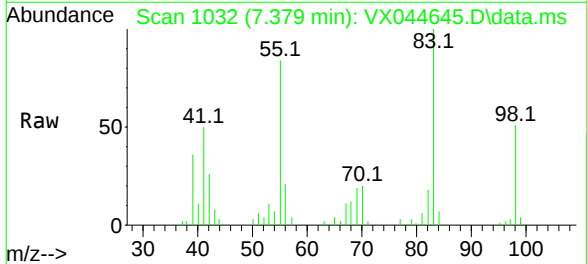
Manual Integrations
APPROVED

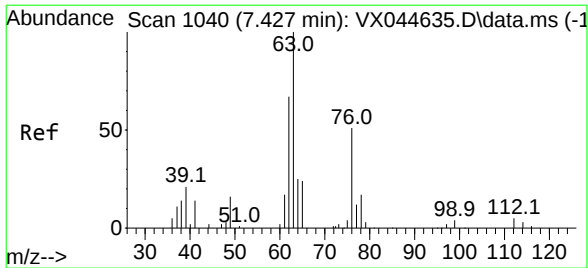
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#38
Methylcyclohexane
Concen: 4.723 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

Tgt Ion: 83 Resp: 15963
Ion Ratio Lower Upper
83 100
55 84.9 40.0 120.0
98 46.9 24.4 73.2





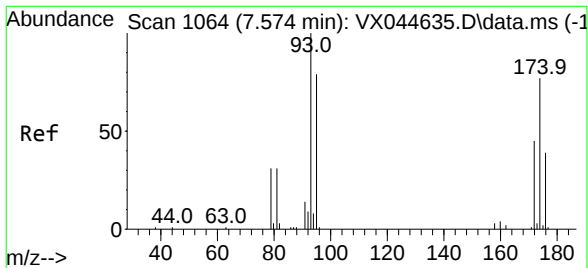
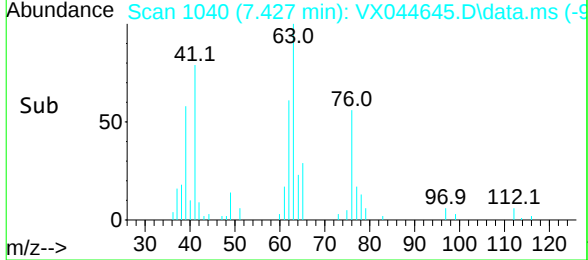
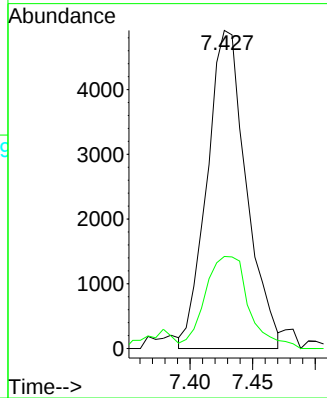
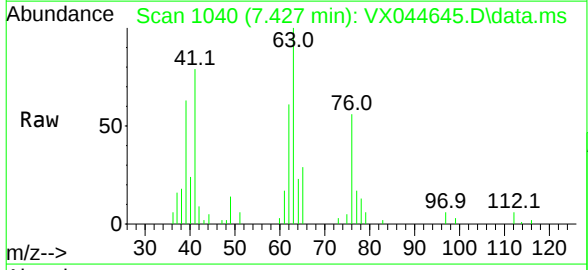
#39
1,2-Dichloropropane
Concen: 5.097 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 63 Resp: 10704
Ion Ratio Lower Upper
63 100
65 28.2 21.4 32.0

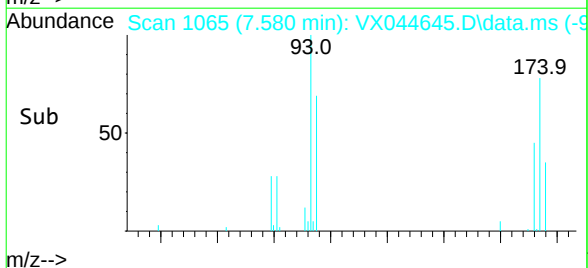
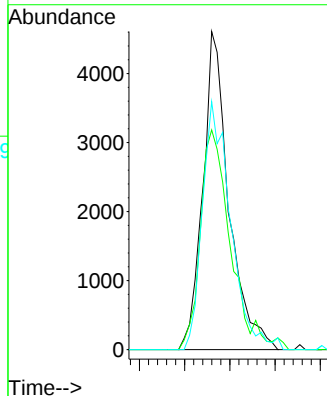
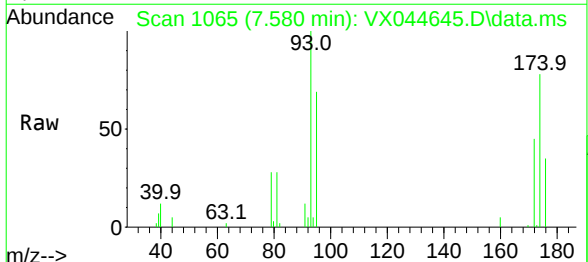
Manual Integrations
APPROVED

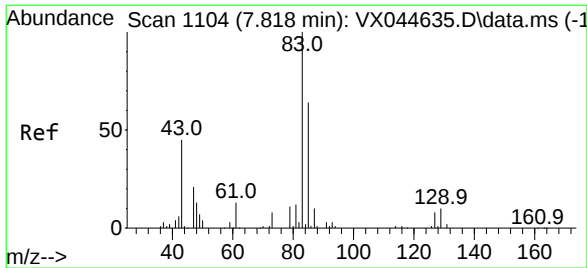
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#40
Dibromomethane
Concen: 5.599 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

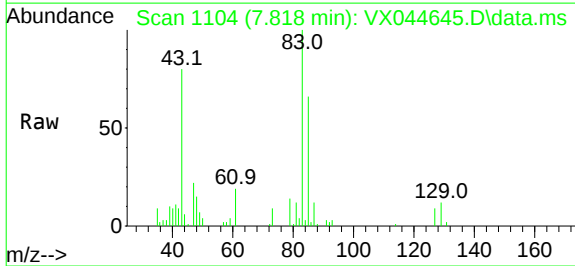
Tgt Ion: 93 Resp: 9223
Ion Ratio Lower Upper
93 100
95 75.2 0.0 165.2
174 84.0 0.0 176.2





#41
Bromodichloromethane
Concen: 4.751 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

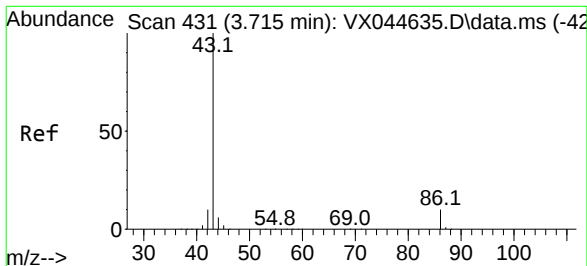
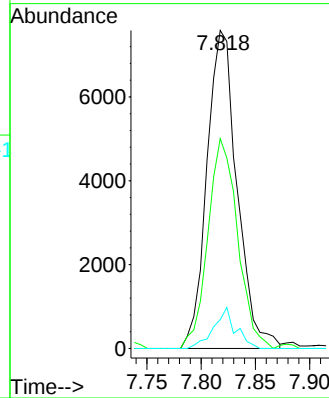
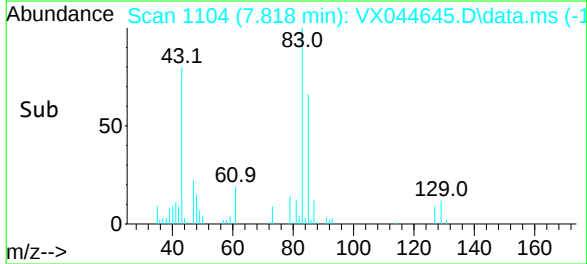
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2024



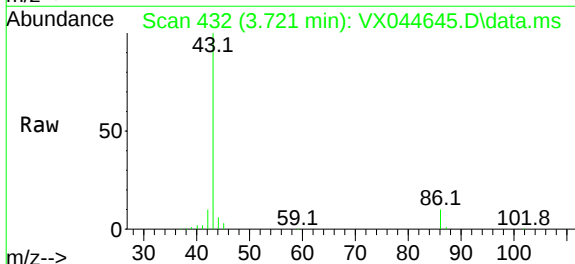
Tgt Ion: 83 Resp: 14698
Ion Ratio Lower Upper
83 100
85 66.0 50.8 76.2
127 9.1 6.6 9.8

Manual Integrations
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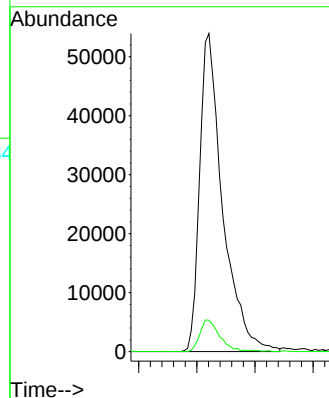
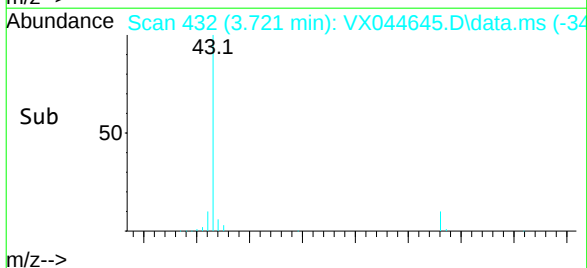
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

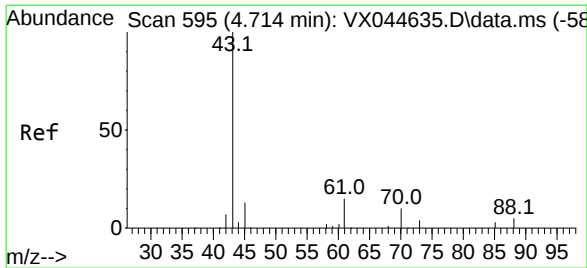


#42
Vinyl Acetate
Concen: 25.035 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.006 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05



Tgt Ion: 43 Resp: 148291
Ion Ratio Lower Upper
43 100
86 8.5 7.1 10.7





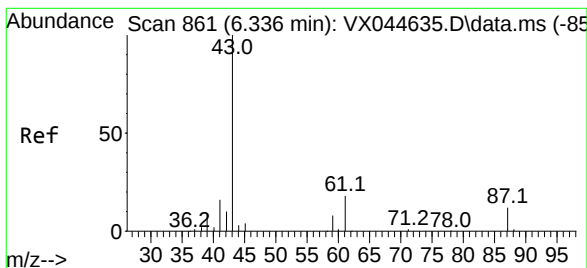
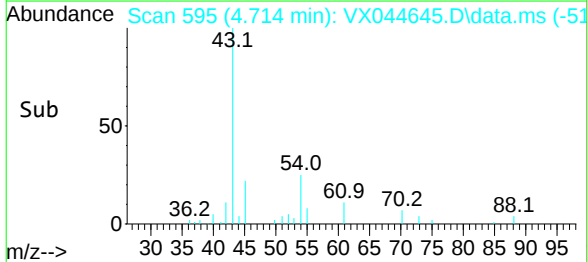
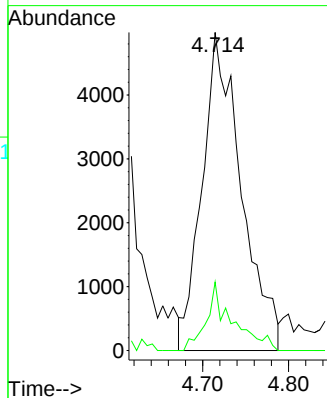
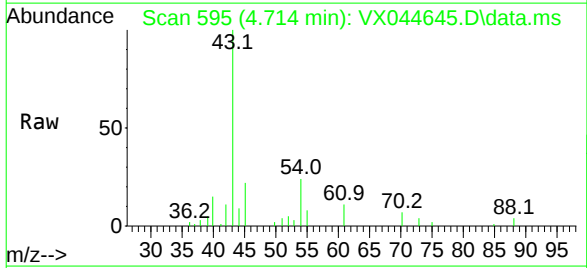
#43
Ethyl Acetate
Concen: 5.366 ug/l m
RT: 4.714 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 43 Resp: 15727
Ion Ratio Lower Upper
43 100
45 7.2 6.7 10.1

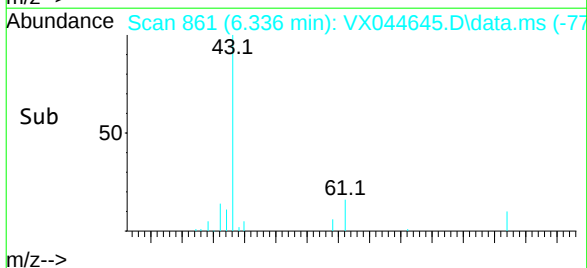
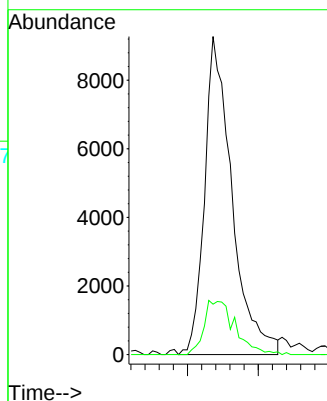
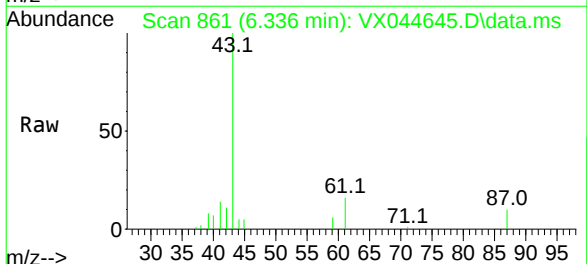
Manual Integrations
APPROVED

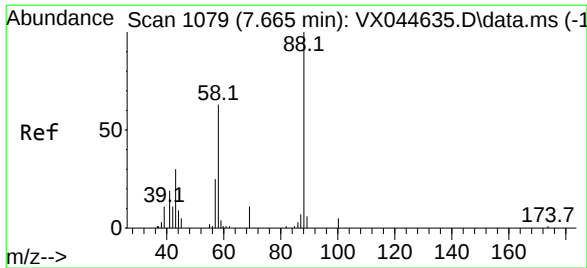
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#44
Isopropyl Acetate
Concen: 5.111 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

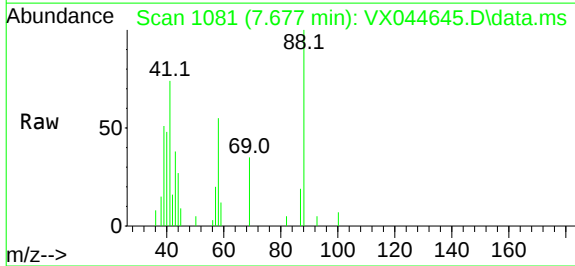
Tgt Ion: 43 Resp: 24897
Ion Ratio Lower Upper
43 100
61 6.8 14.2 21.2#





#45
1,4-Dioxane
Concen: 119.910 ug/l m
RT: 7.677 min Scan# 1081
Delta R.T. 0.012 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

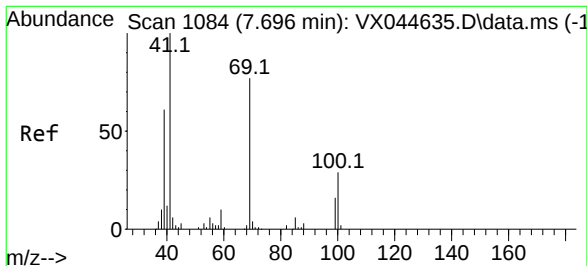
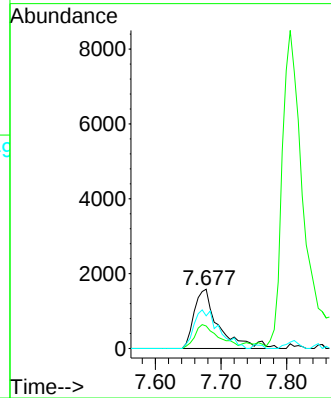
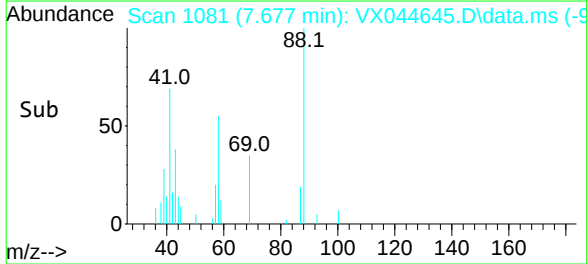
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2024



Tgt Ion: 88 Resp: 4093
Ion Ratio Lower Upper
88 100
43 1.4 31.0 46.4#
58 2.4 56.6 84.8#

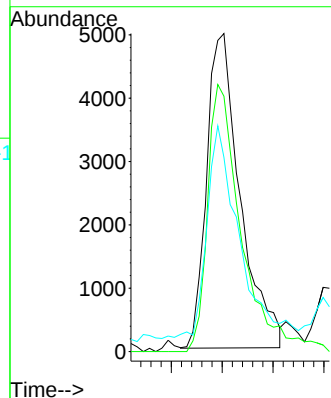
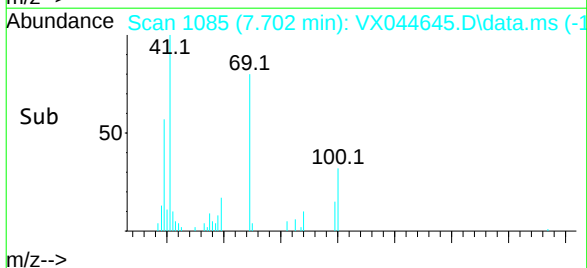
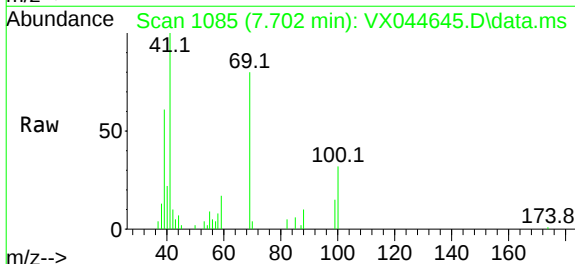
Manual Integrations
APPROVED

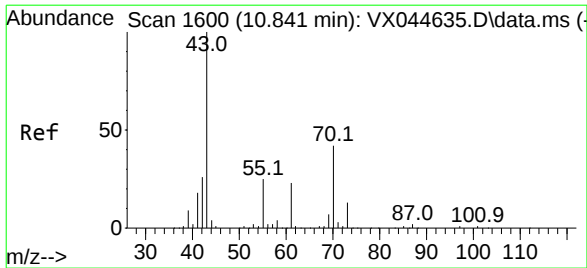
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#46
Methyl methacrylate
Concen: 4.804 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

Tgt Ion: 41 Resp: 11409
Ion Ratio Lower Upper
41 100
69 81.3 38.6 115.8
39 56.4 30.7 92.1





#47

n-amy1 Acetate

Concen: 4.862 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX044645.D

Acq: 09 Jan 2025 05:05

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion: 43 Resp: 19204

Ion Ratio Lower Upper

43 100

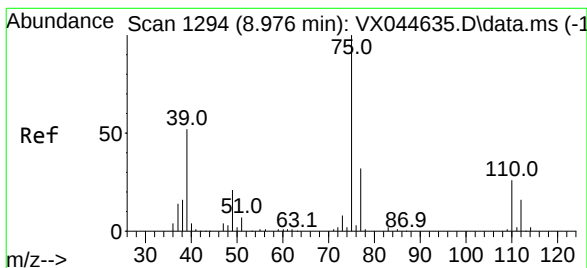
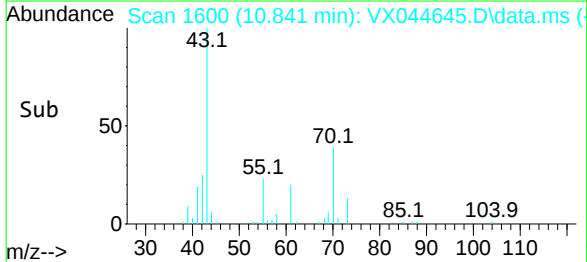
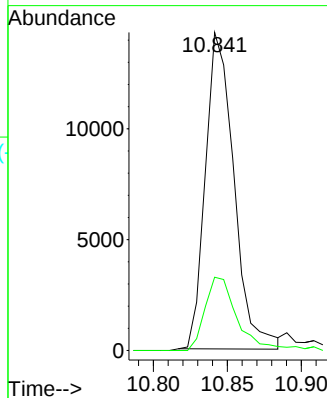
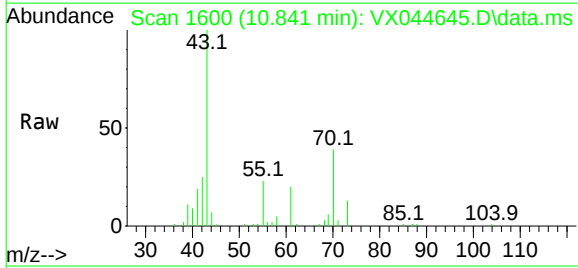
55 25.7 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#48

t-1,3-Dichloropropene

Concen: 4.594 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX044645.D

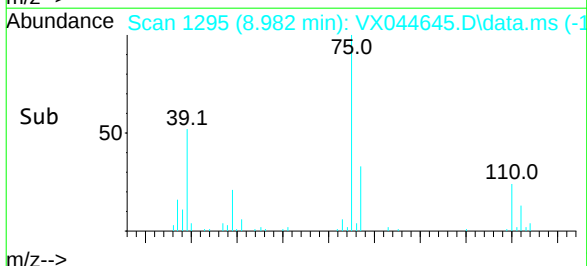
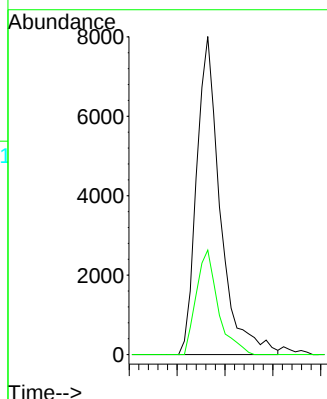
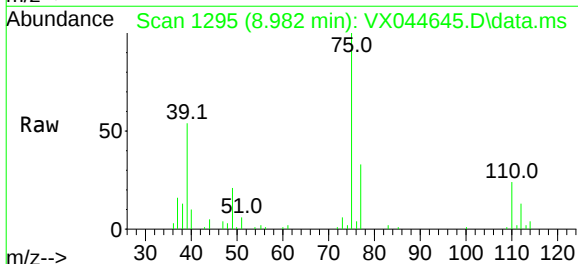
Acq: 09 Jan 2025 05:05

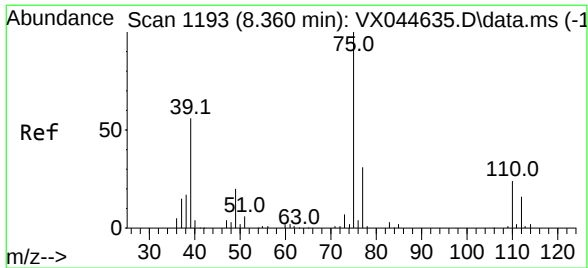
Tgt Ion: 75 Resp: 13757

Ion Ratio Lower Upper

75 100

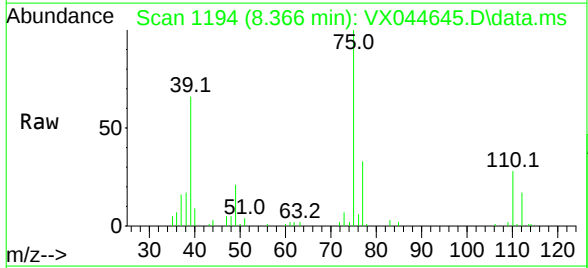
77 32.9 25.7 38.5





#49
cis-1,3-Dichloropropene
Concen: 4.394 ug/l
RT: 8.366 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

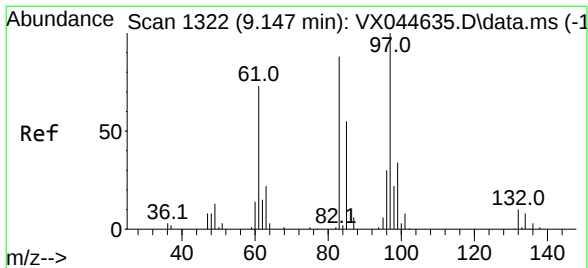
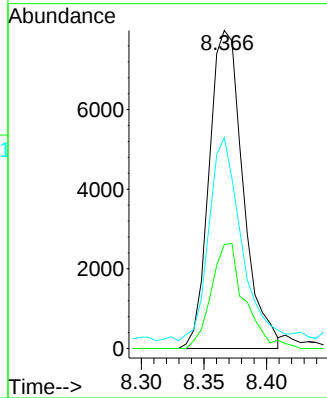
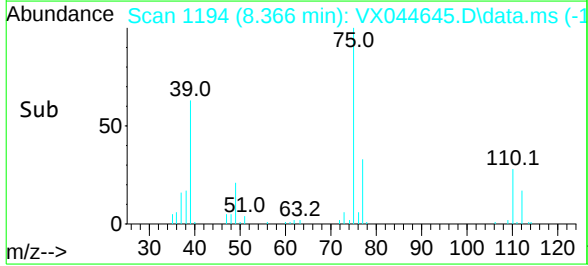
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2024



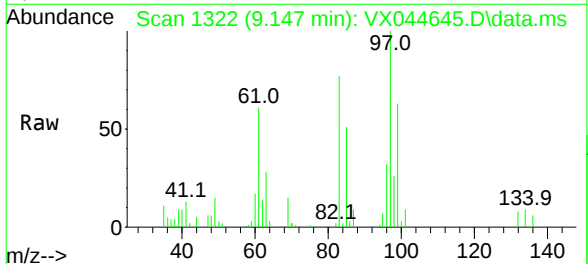
Tgt Ion: 75 Resp: 15021
Ion Ratio Lower Upper
75 100
77 32.7 25.1 37.7
39 63.9 44.8 67.2

Manual Integrations
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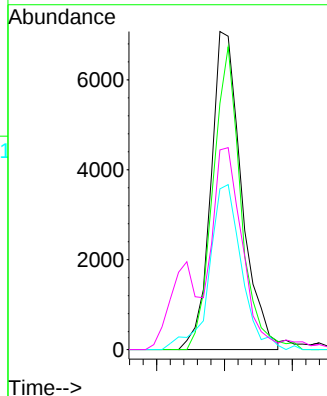
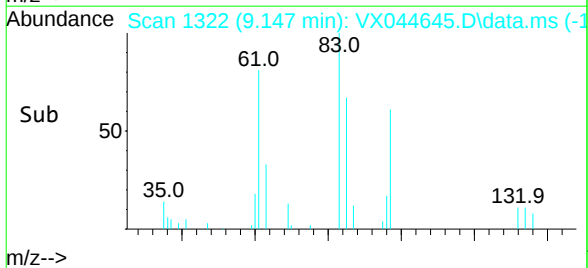
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

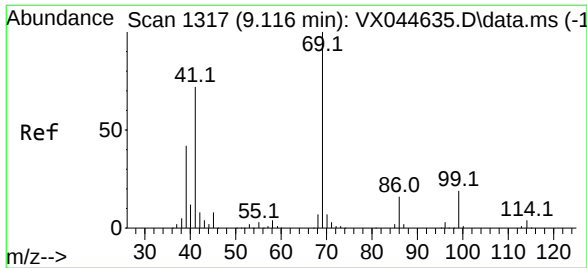


#50
1,1,2-Trichloroethane
Concen: 5.341 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05



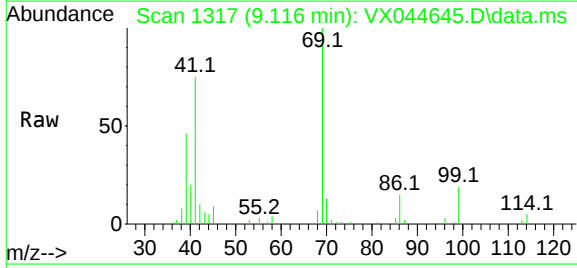
Tgt Ion: 97 Resp: 11154
Ion Ratio Lower Upper
97 100
83 77.4 70.5 105.7
85 49.2 45.4 68.2
99 60.7 51.1 76.7





#51
Ethyl methacrylate
Concen: 4.800 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

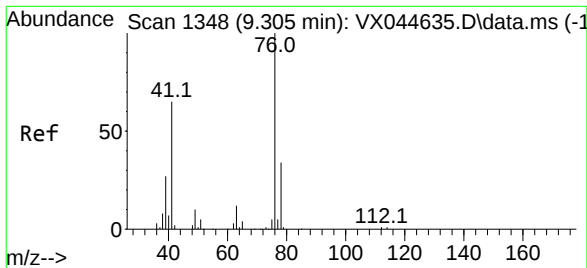
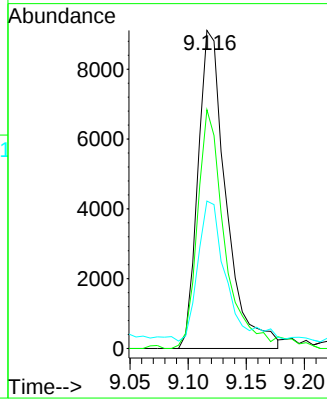
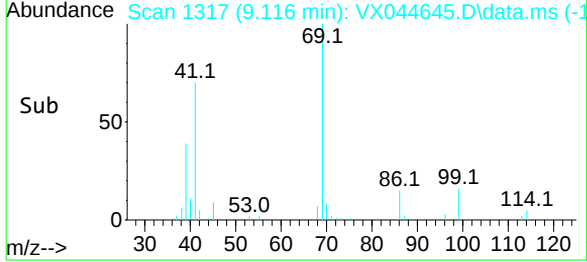
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2024



Tgt Ion: 69 Resp: 15310
Ion Ratio Lower Upper
69 100
41 74.0 35.8 107.4
39 44.0 21.0 63.0

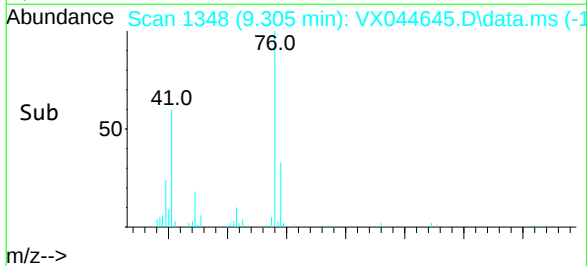
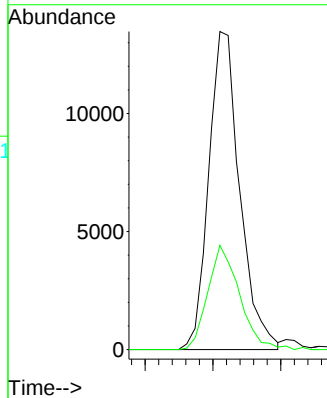
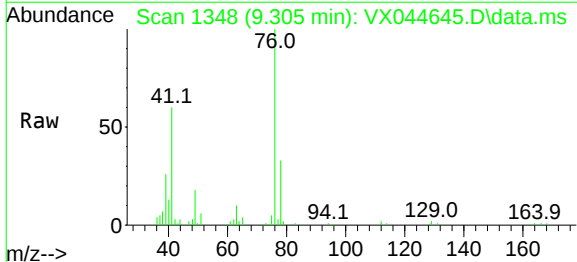
Manual Integrations
APPROVED

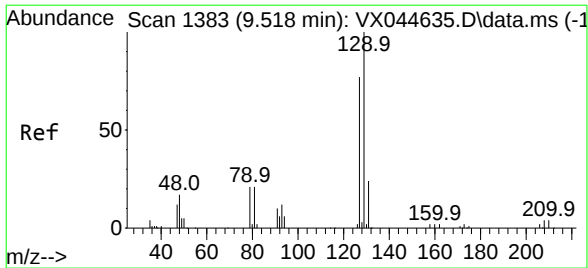
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#52
1,3-Dichloropropane
Concen: 5.968 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

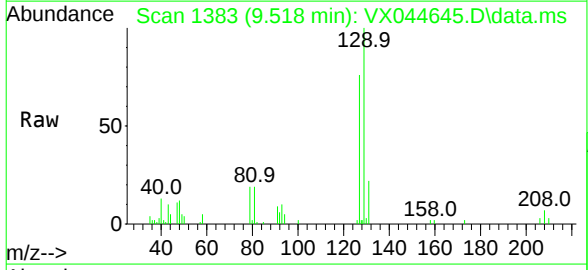
Tgt Ion: 76 Resp: 21355
Ion Ratio Lower Upper
76 100
78 33.5 0.0 66.0





#53
Dibromochloromethane
Concen: 4.943 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

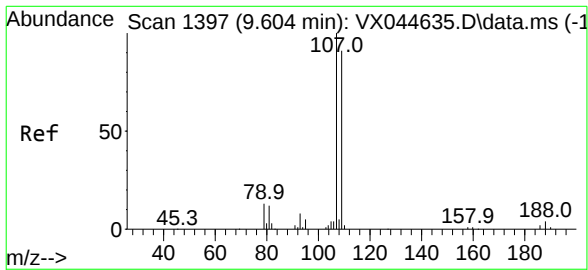
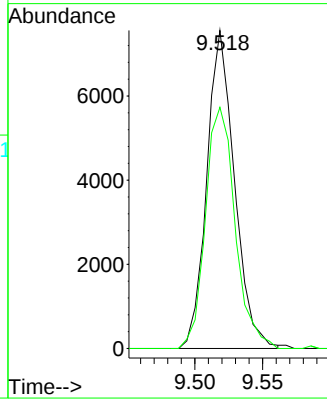
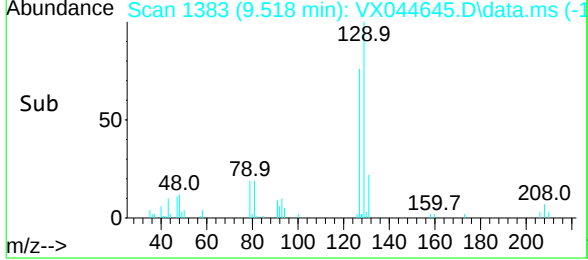
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2024



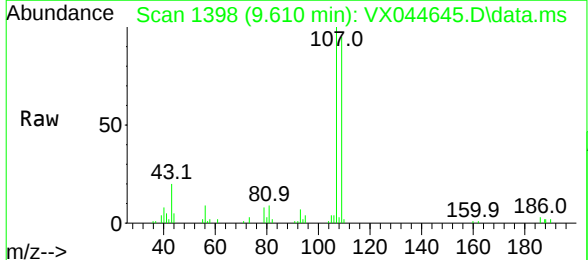
Tgt Ion:129 Resp: 10738
Ion Ratio Lower Upper
129 100
127 81.1 39.0 116.9

Manual Integrations
APPROVED

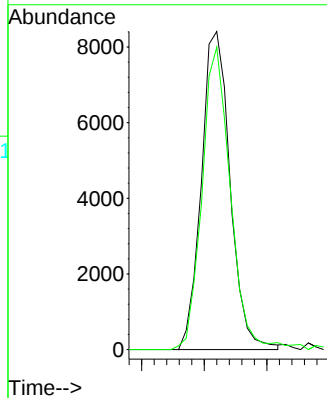
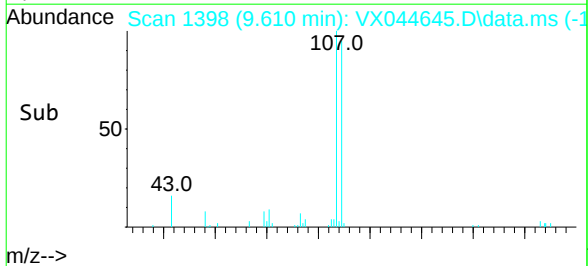
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

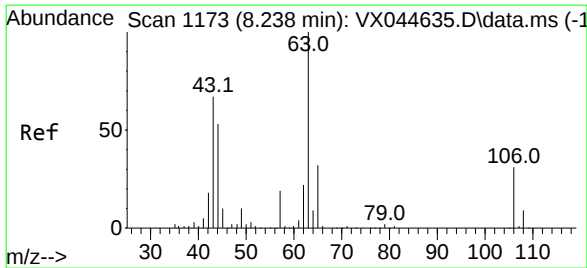


#54
1,2-Dibromoethane
Concen: 6.247 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05



Tgt Ion:107 Resp: 13423
Ion Ratio Lower Upper
107 100
109 92.6 73.9 110.9





#55

2-Chloroethyl vinyl ether

Concen: 24.635 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX044645.D

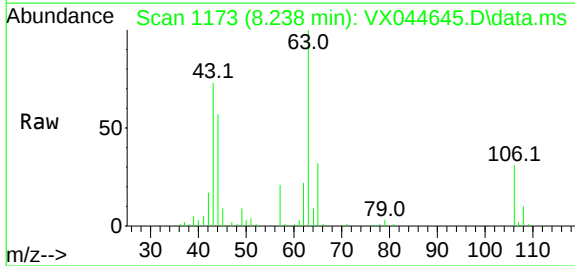
Acq: 09 Jan 2025 05:05

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2024



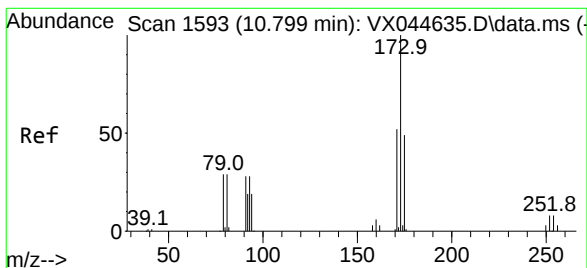
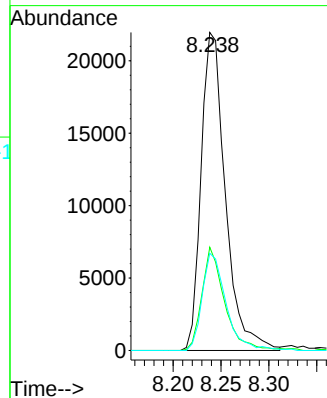
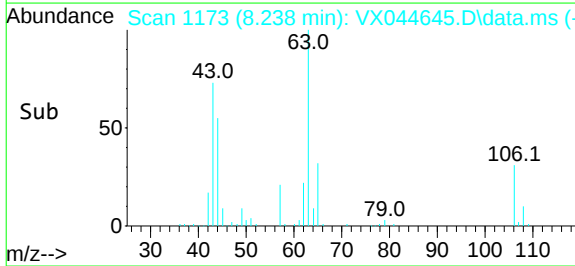
Tgt Ion:	63	Resp:	38716
Ion	Ratio	Lower	Upper
63	100		
65	30.1	26.1	39.1
106	29.3	22.6	33.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#56

Bromoform

Concen: 4.480 ug/l

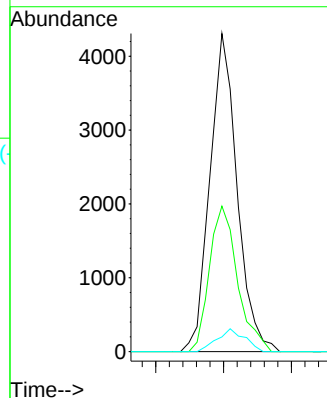
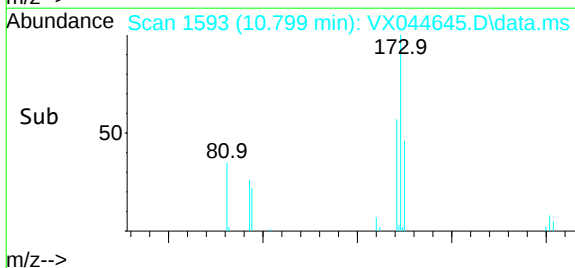
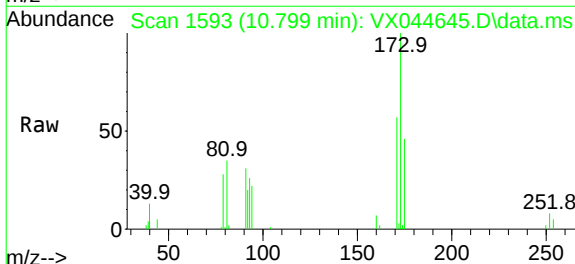
RT: 10.799 min Scan# 1593

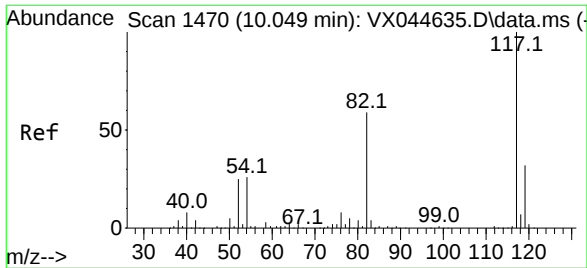
Delta R.T. 0.000 min

Lab File: VX044645.D

Acq: 09 Jan 2025 05:05

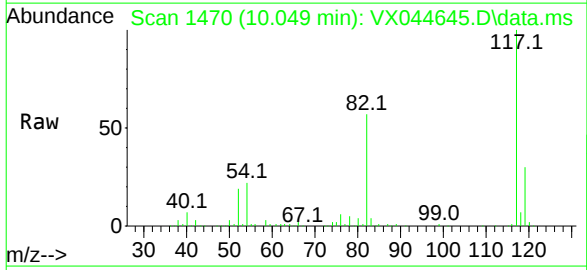
Tgt Ion:	173	Resp:	6001
Ion	Ratio	Lower	Upper
173	100		
175	47.2	39.1	58.7
254	7.3	5.8	8.8





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

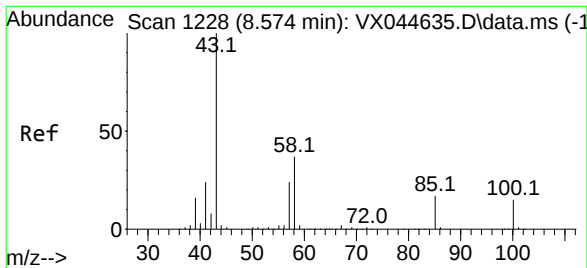
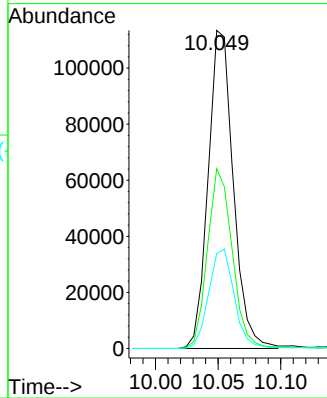
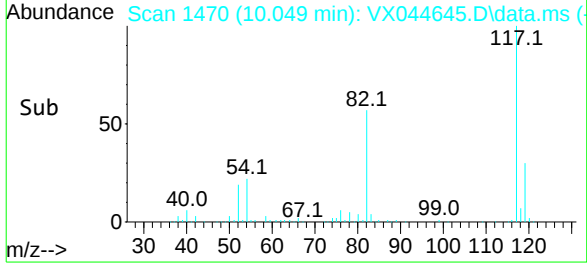
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2024



Tgt Ion:	117	Resp:	158643
Ion	Ratio	Lower	Upper
117	100		
82	55.9	46.2	69.4
119	31.7	25.5	38.3

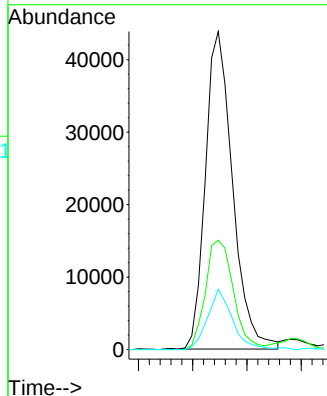
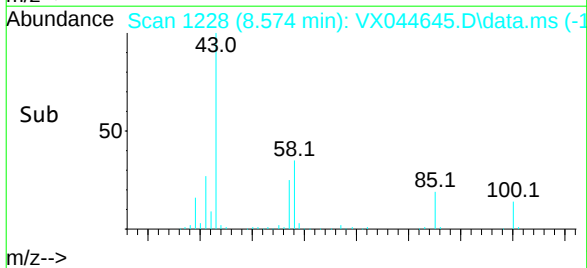
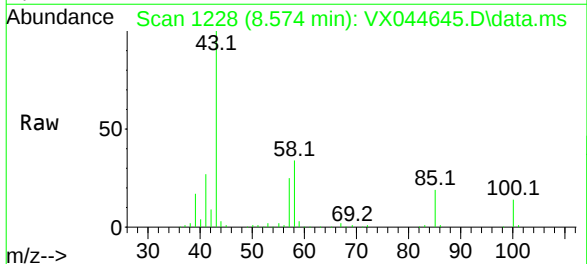
Manual Integrations
APPROVED

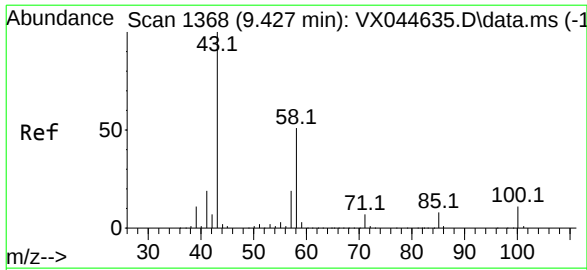
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#58
4-Methyl-2-Pentanone
Concen: 23.578 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

Tgt Ion:	43	Resp:	76285
Ion	Ratio	Lower	Upper
43	100		
58	35.4	29.4	44.0
85	17.2	13.4	20.2





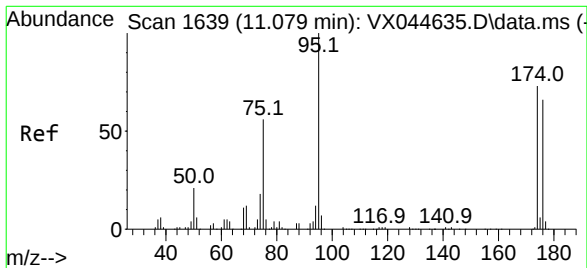
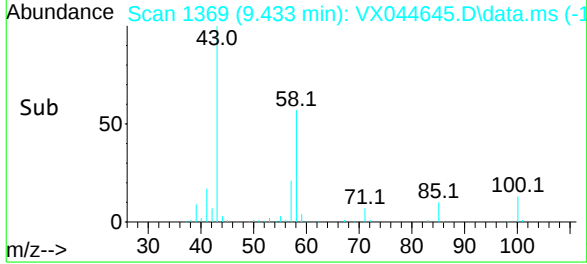
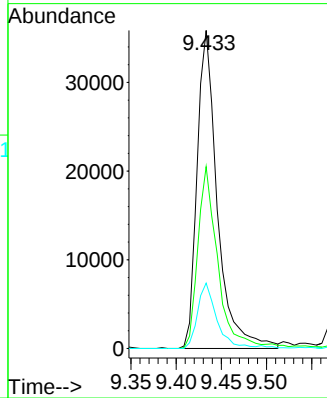
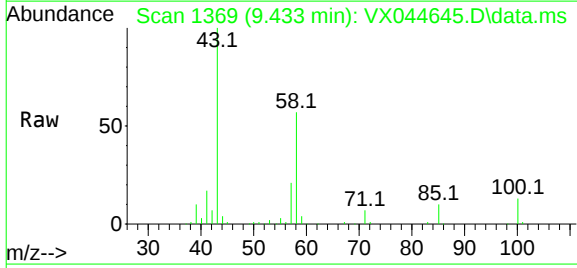
#59
2-Hexanone
Concen: 25.020 ug/l
RT: 9.433 min Scan# 1368
Delta R.T. 0.006 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:	43	Resp:	55909
Ion	Ratio	Lower	Upper
43	100		
58	55.4	40.8	61.2
57	18.8	15.2	22.8

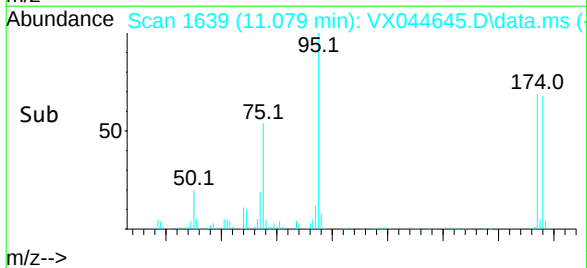
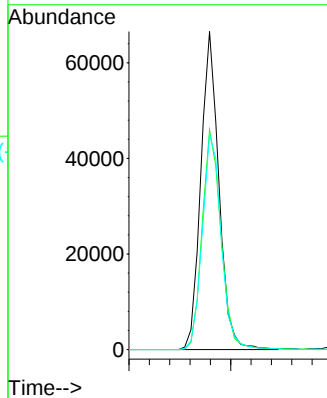
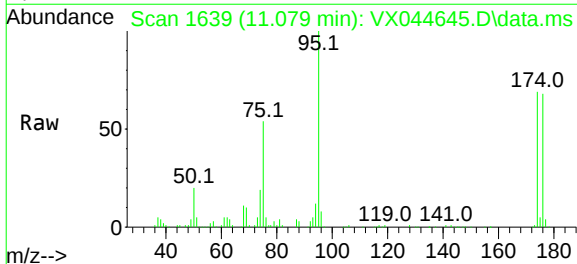
Manual Integrations
APPROVED

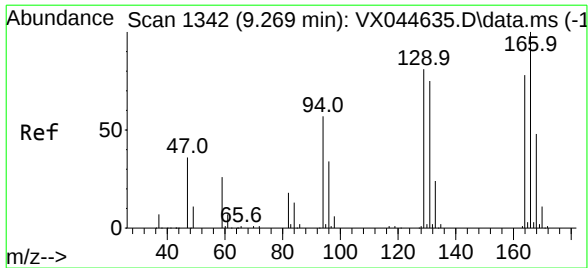
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#60
4-Bromofluorobenzene
Concen: 27.734 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

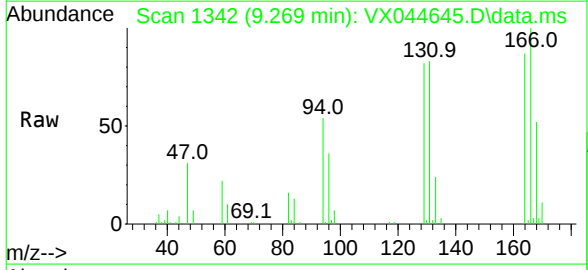
Tgt Ion:	95	Resp:	82141
Ion	Ratio	Lower	Upper
95	100		
174	72.2	58.6	88.0
176	70.9	55.2	82.8





#61
 Tetrachloroethene
 Concen: 5.490 ug/l
 RT: 9.269 min Scan# 1312
 Delta R.T. 0.000 min
 Lab File: VX044645.D
 Acq: 09 Jan 2025 05:05

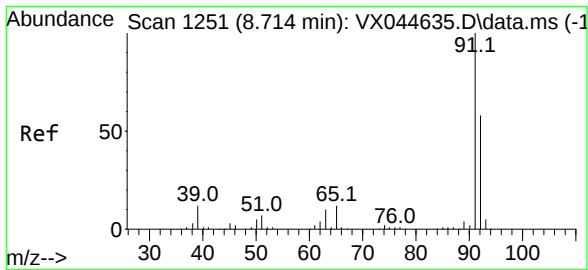
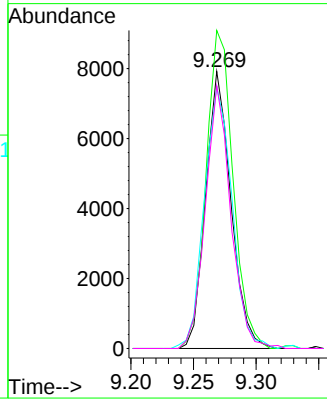
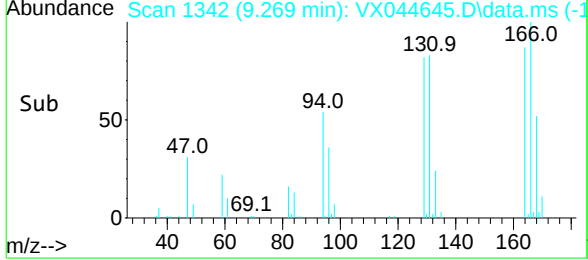
Instrument : MSVOA_X
 ClientSampleId : LOQ-WATER-02-QT4-2024



Tgt Ion:	164	Resp:	11190
Ion	Ratio	Lower	Upper
164	100		
166	114.8	102.7	154.1
129	94.5	83.6	125.4
131	94.8	77.4	116.0

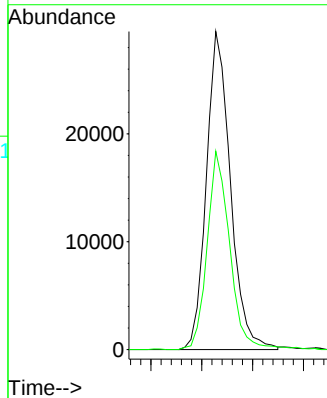
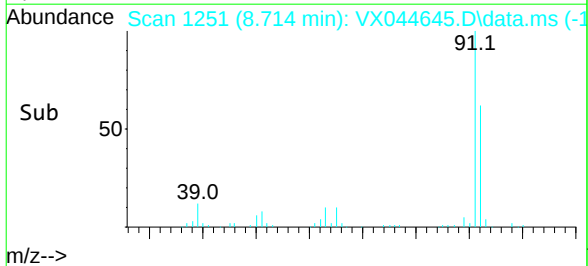
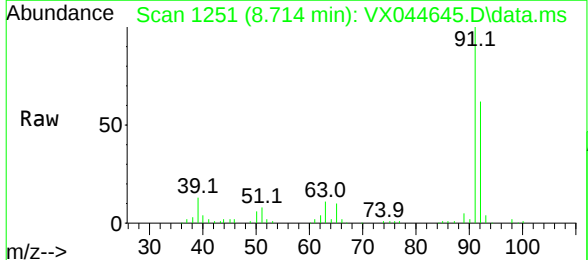
Manual Integrations
 APPROVED

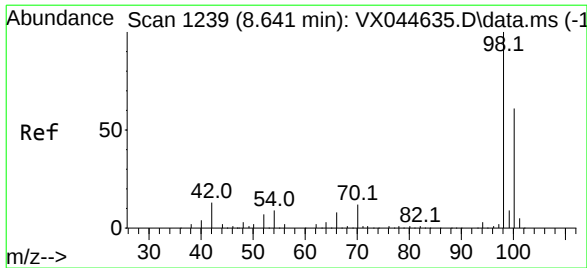
Reviewed By :John Carlone 01/09/2025
 Supervised By :Semsettin Yesilyurt 01/09/2025



#62
 Toluene
 Concen: 4.644 ug/l
 RT: 8.714 min Scan# 1251
 Delta R.T. 0.000 min
 Lab File: VX044645.D
 Acq: 09 Jan 2025 05:05

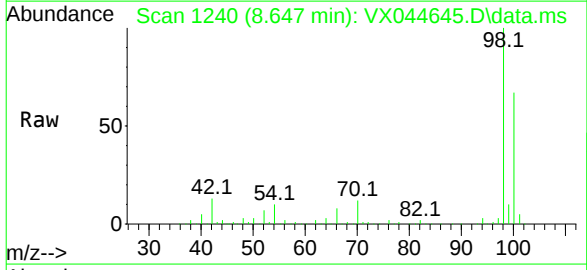
Tgt Ion:	91	Resp:	48486
Ion	Ratio	Lower	Upper
91	100		
92	58.4	46.4	69.6





#63
Toluene-d8
Concen: 25.774 ug/l
RT: 8.647 min Scan# 1239
Delta R.T. 0.006 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

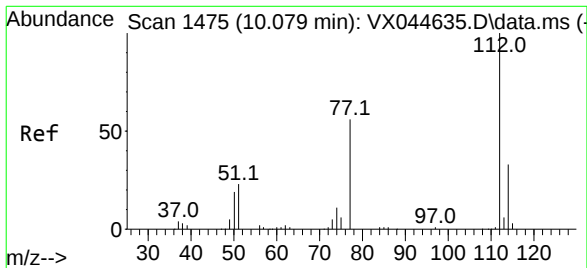
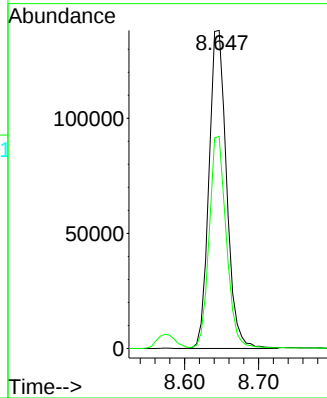
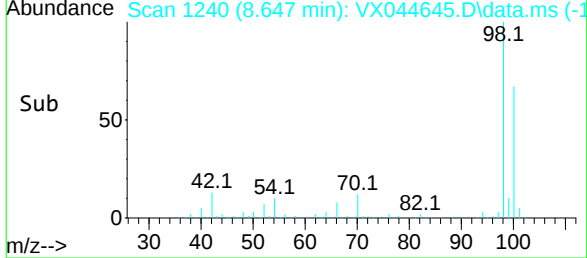
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2024



Tgt Ion: 98 Resp: 228618
Ion Ratio Lower Upper
98 100
100 64.7 51.6 77.4

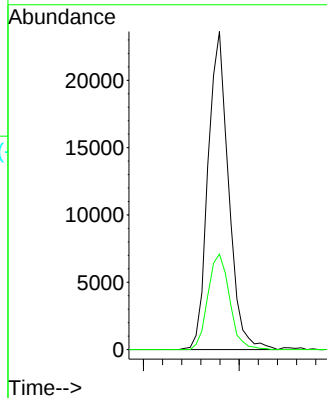
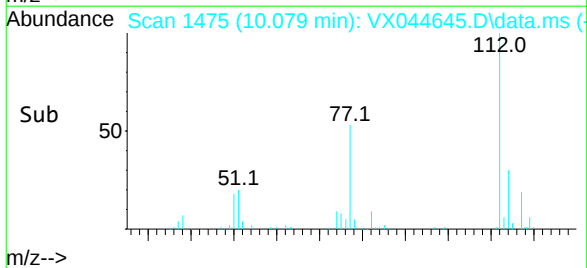
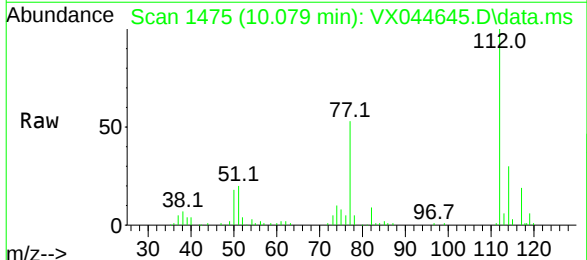
Manual Integrations
APPROVED

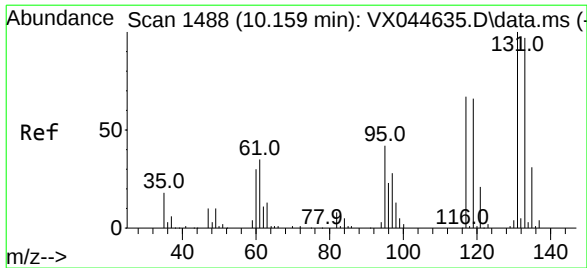
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#64
Chlorobenzene
Concen: 5.433 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

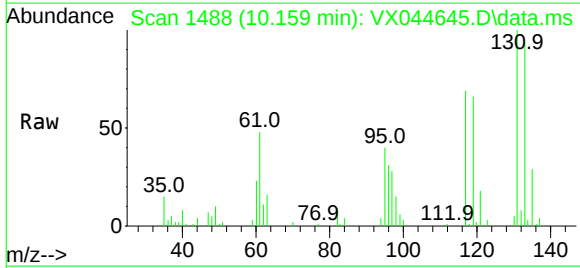
Tgt Ion:112 Resp: 35212
Ion Ratio Lower Upper
112 100
114 30.0 26.4 39.6





#65
1,1,1,2-Tetrachloroethane
Concen: 4.755 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

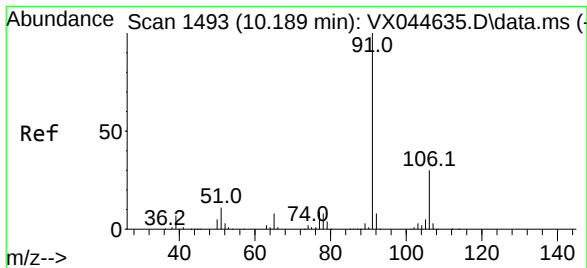
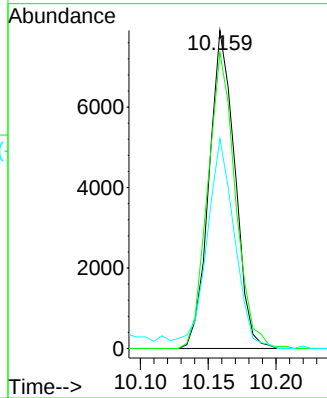
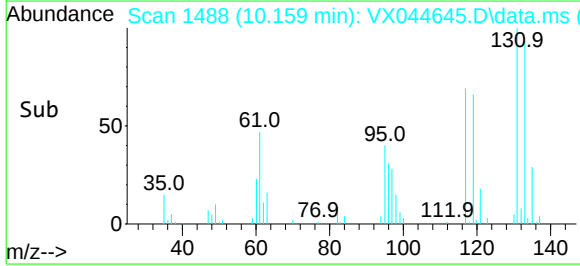
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2024



Tgt Ion: 131 Resp: 10462
Ion Ratio Lower Upper
131 100
133 99.4 0.0 194.0
119 70.6 0.0 132.0

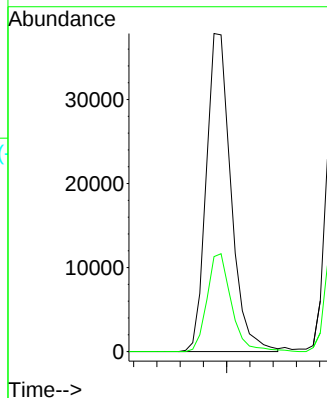
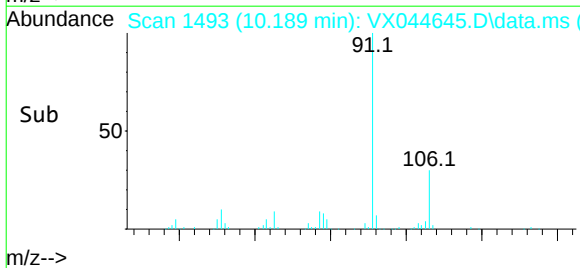
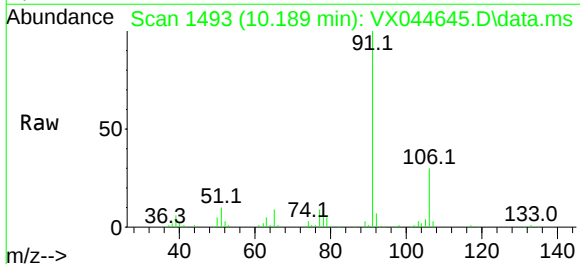
Manual Integrations
APPROVED

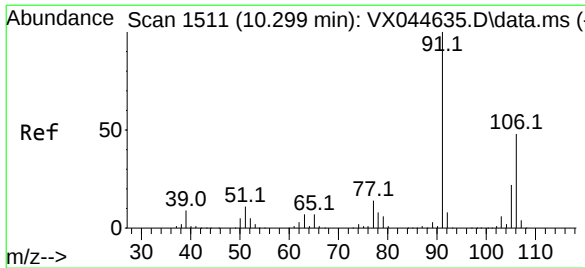
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#66
Ethyl Benzene
Concen: 4.974 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

Tgt Ion: 91 Resp: 55840
Ion Ratio Lower Upper
91 100
106 29.9 24.1 36.1





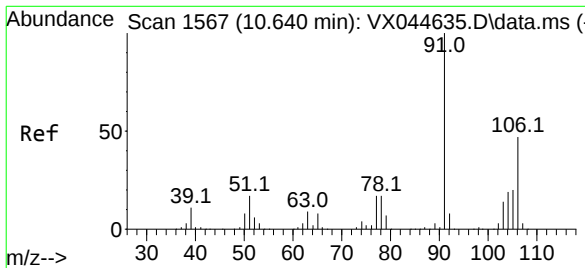
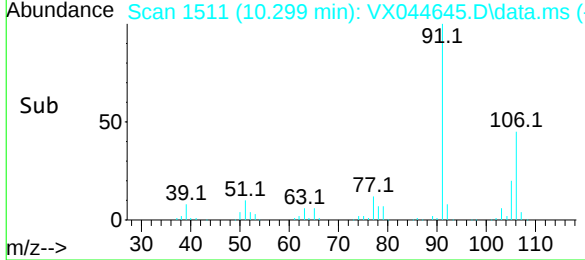
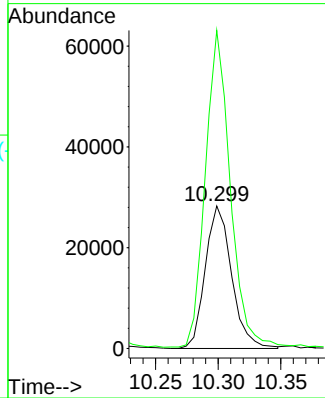
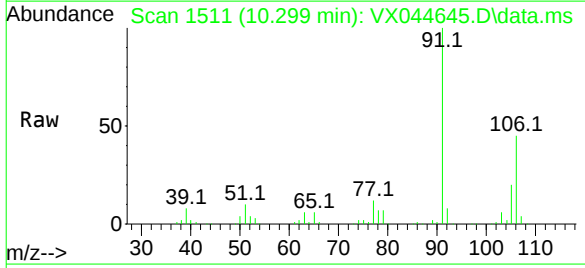
#67
m/p-Xylenes
Concen: 9.807 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:106 Resp: 41395
Ion Ratio Lower Upper
106 100
91 209.5 167.9 251.9

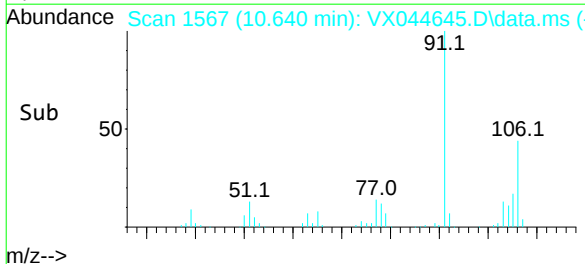
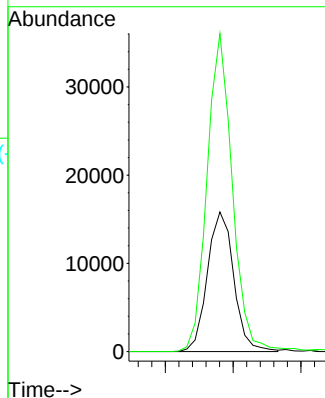
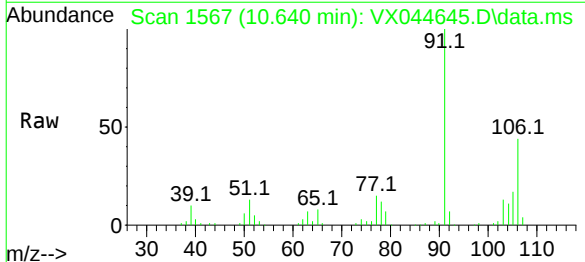
Manual Integrations
APPROVED

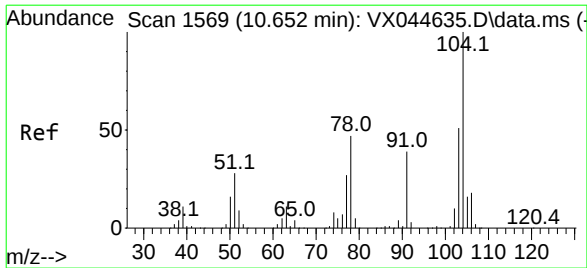
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#68
o-Xylene
Concen: 5.213 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

Tgt Ion:106 Resp: 21476
Ion Ratio Lower Upper
106 100
91 218.4 112.3 336.9





#69

Styrene

Concen: 4.590 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX044645.D

Acq: 09 Jan 2025 05:05

Instrument :

MSVOA_X

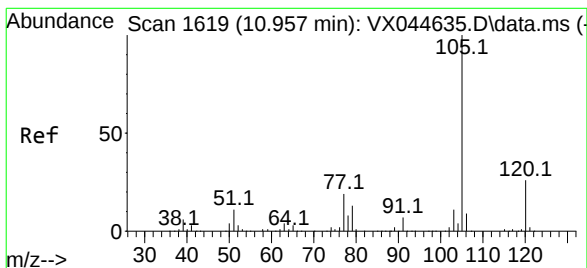
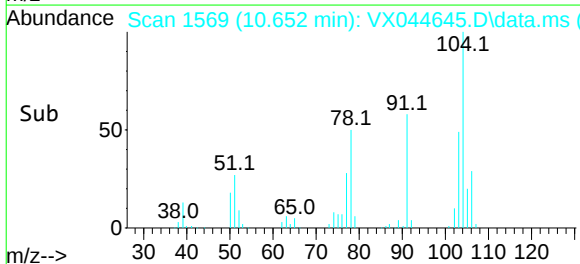
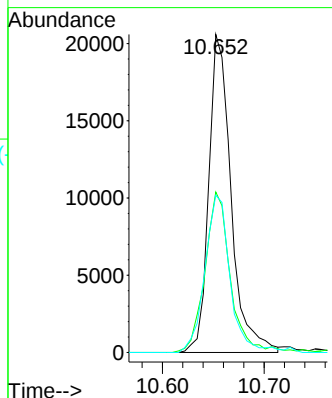
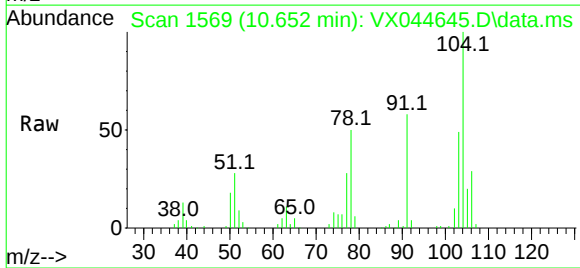
ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:	104	Resp:	31405
Ion Ratio	Lower	Upper	
104	100		
78	56.2	43.7	65.5
103	54.5	43.7	65.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#70

Isopropylbenzene

Concen: 4.840 ug/l

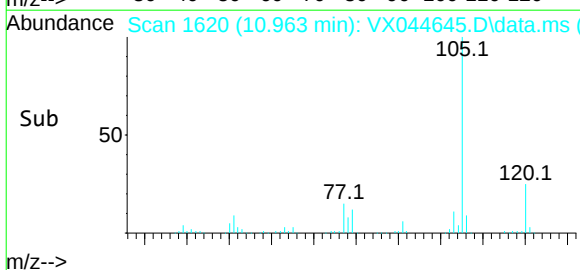
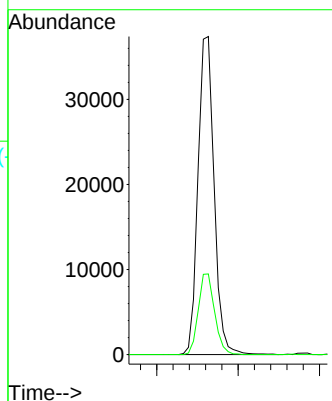
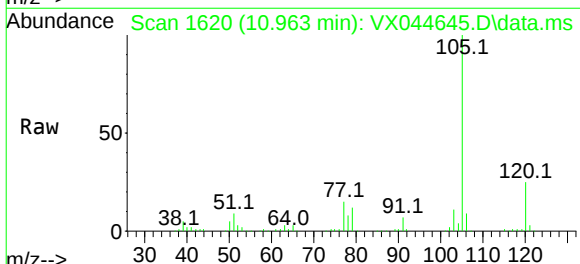
RT: 10.963 min Scan# 1620

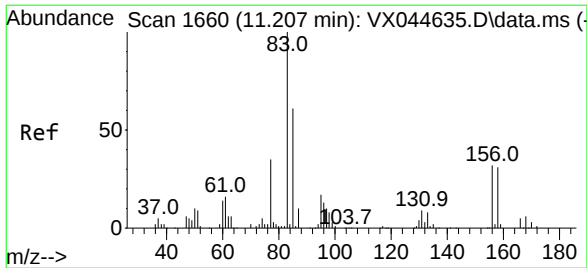
Delta R.T. 0.006 min

Lab File: VX044645.D

Acq: 09 Jan 2025 05:05

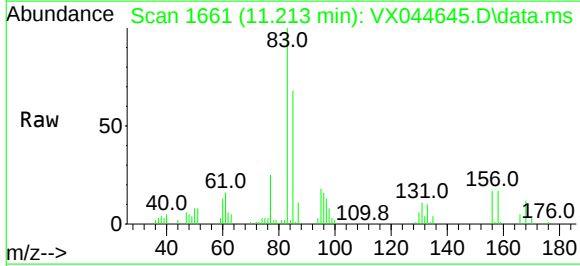
Tgt Ion:	105	Resp:	51399
Ion Ratio	Lower	Upper	
105	100		
120	25.7	17.5	32.5





#71
1,1,2,2-Tetrachloroethane
Concen: 5.325 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

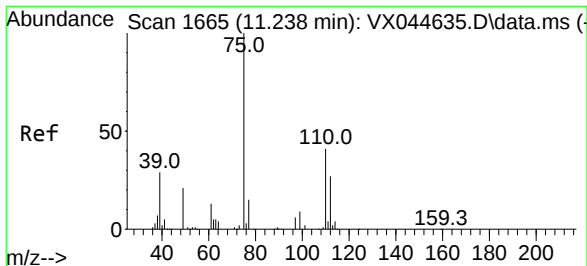
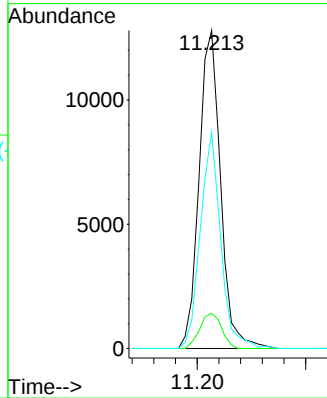
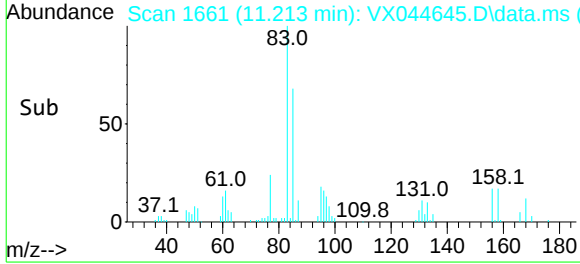
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 83 Resp: 17600
Ion Ratio Lower Upper
83 100
131 11.2 5.3 15.8
85 64.2 32.0 96.0

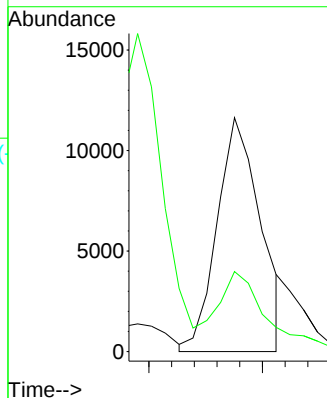
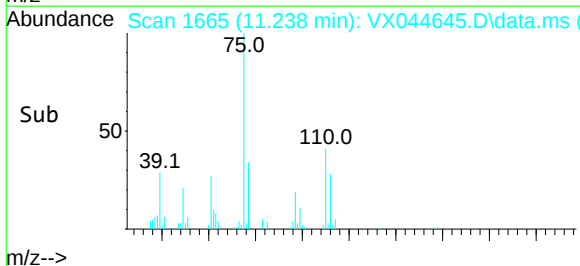
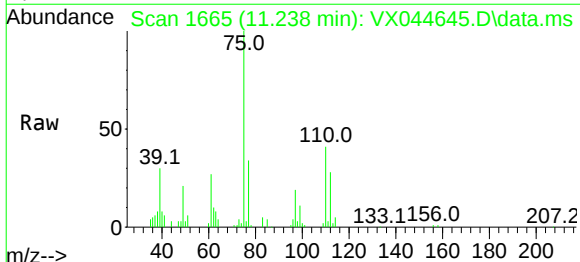
Manual Integrations
APPROVED

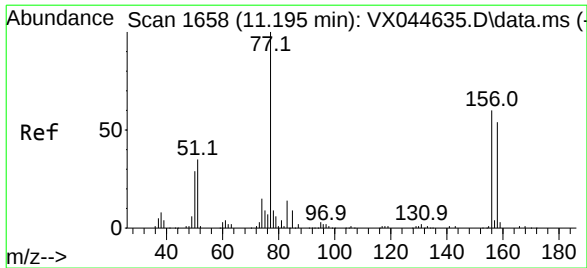
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#72
1,2,3-Trichloropropane
Concen: 5.367 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

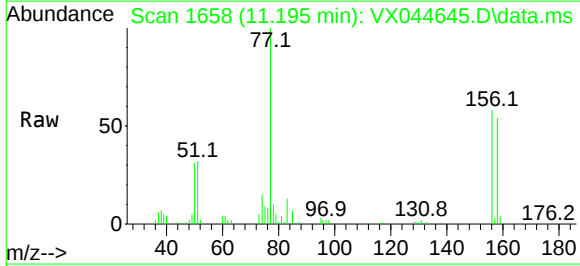
Tgt Ion: 75 Resp: 15474
Ion Ratio Lower Upper
75 100
77 39.7 0.0 78.0





#73
Bromobenzene
Concen: 5.183 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

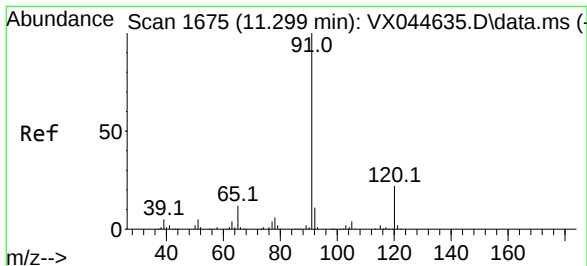
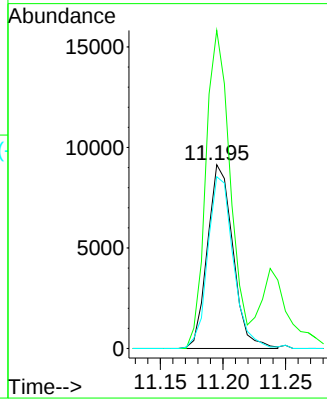
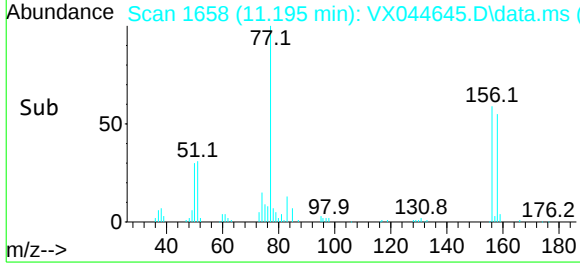
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2024



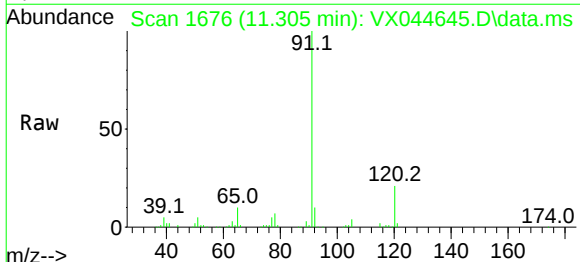
Tgt Ion:156 Resp: 12937
Ion Ratio Lower Upper
156 100
77 165.1 0.0 332.6
158 93.6 0.0 187.6

Manual Integrations
APPROVED

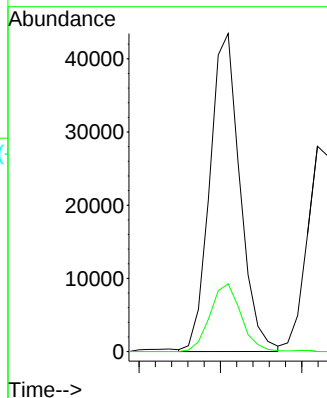
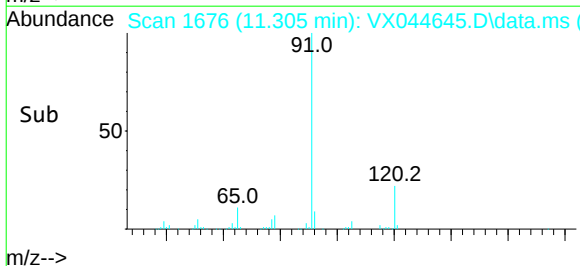
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

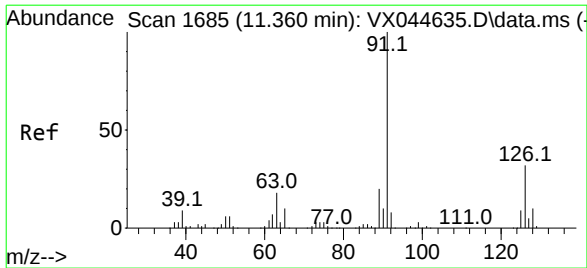


#74
n-propylbenzene
Concen: 4.653 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05



Tgt Ion: 91 Resp: 56004
Ion Ratio Lower Upper
91 100
120 21.9 0.0 45.0





#75

2-Chlorotoluene

Concen: 5.035 ug/l

RT: 11.360 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VX044645.D

Acq: 09 Jan 2025 05:05

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion: 91 Resp: 38091

Ion Ratio Lower Upper

91 100

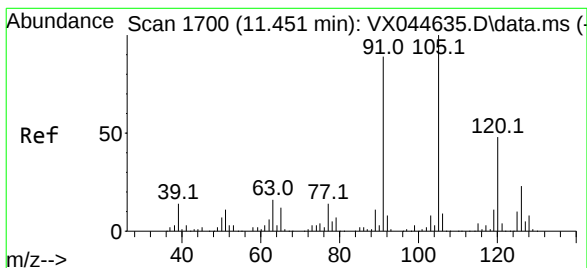
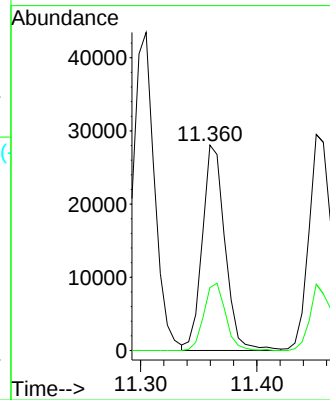
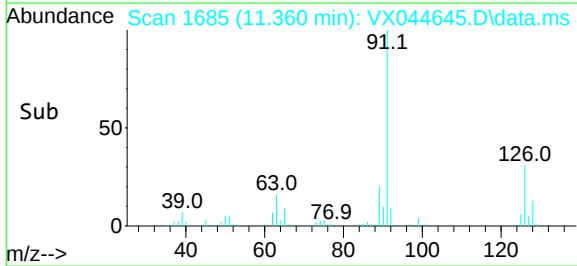
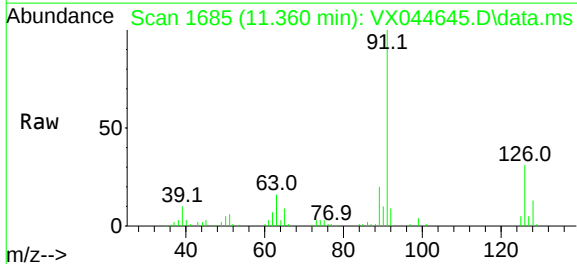
126 31.2 0.0 64.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#76

1,3,5-Trimethylbenzene

Concen: 4.777 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX044645.D

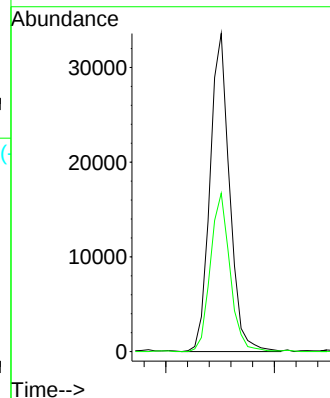
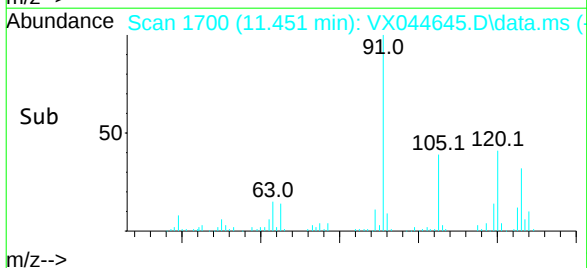
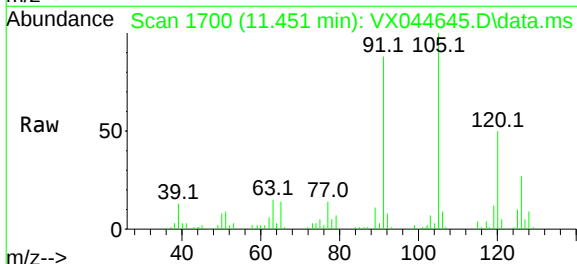
Acq: 09 Jan 2025 05:05

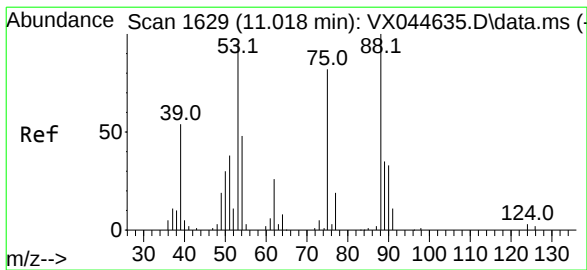
Tgt Ion:105 Resp: 42167

Ion Ratio Lower Upper

105 100

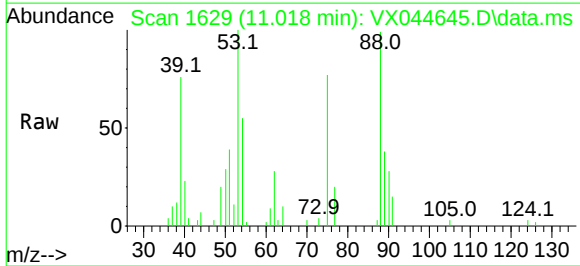
120 49.9 0.0 94.0





#77
t-1,4-Dichloro-2-butene
Concen: 3.541 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

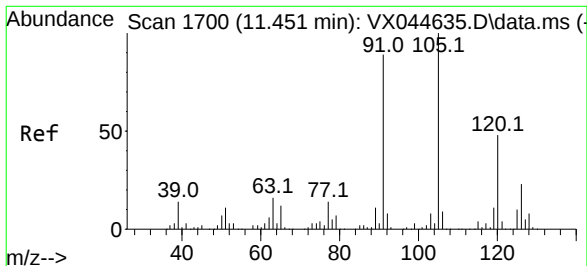
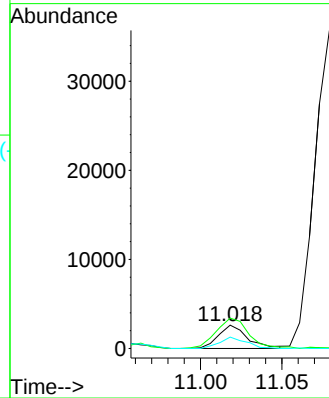
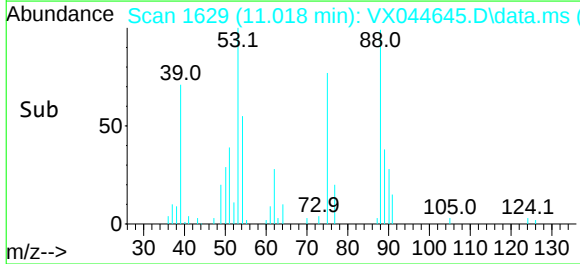
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 75 Resp: 3245
Ion Ratio Lower Upper
75 100
53 130.0 57.4 172.2
89 48.9 21.3 64.0

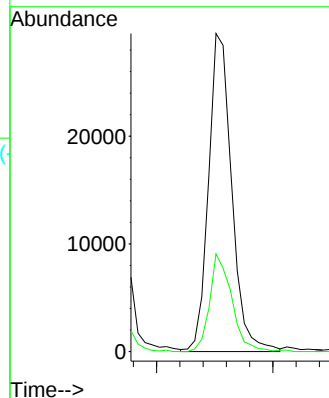
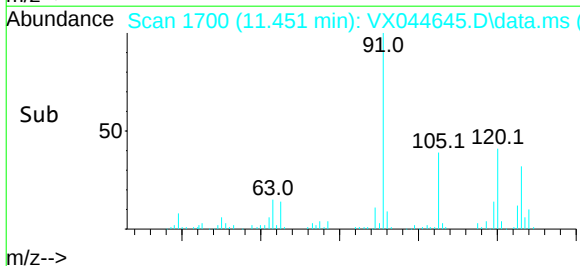
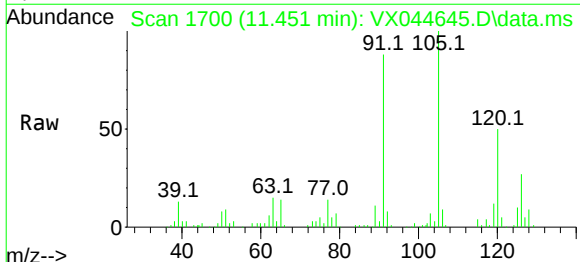
Manual Integrations
APPROVED

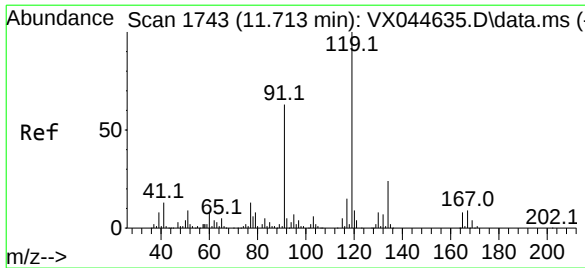
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#78
4-Chlorotoluene
Concen: 4.877 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044645.D
Acq: 09 Jan 2025 05:05

Tgt Ion: 91 Resp: 40975
Ion Ratio Lower Upper
91 100
126 29.1 0.0 54.8





#79

tert-butylbenzene

Concen: 5.013 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX044645.D

Acq: 09 Jan 2025 05:05

Instrument :

MSVOA_X

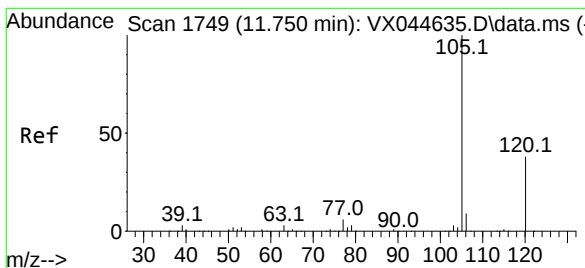
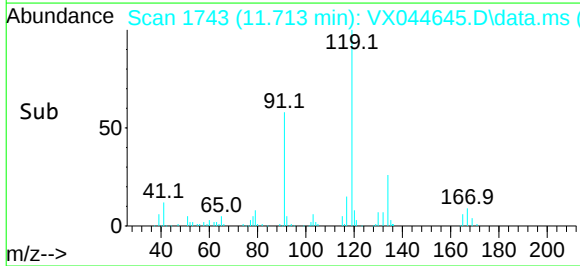
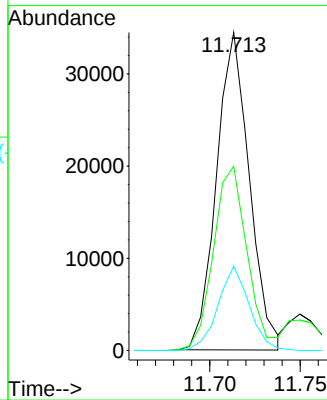
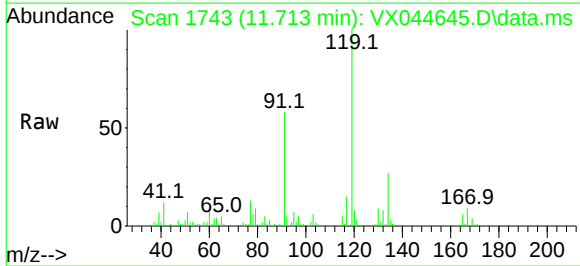
ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:	119	Resp:	43462
Ion	Ratio	Lower	Upper
119	100		
91	59.9	0.0	124.2
134	25.4	0.0	46.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#80

1,2,4-Trimethylbenzene

Concen: 4.906 ug/l

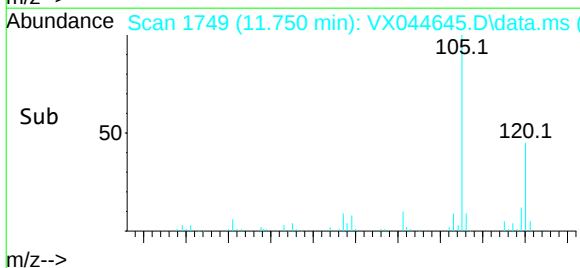
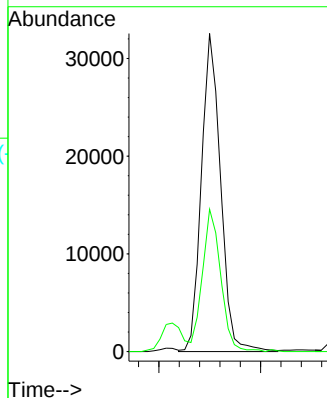
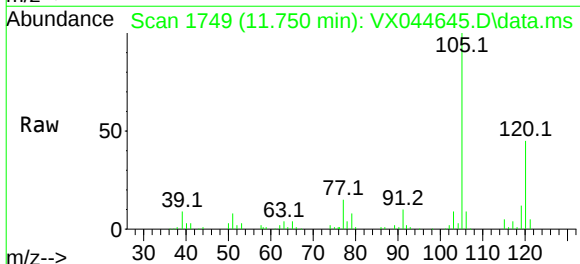
RT: 11.750 min Scan# 1749

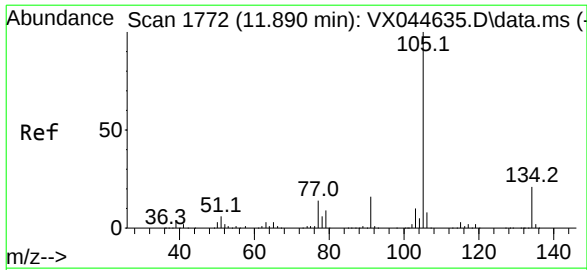
Delta R.T. 0.000 min

Lab File: VX044645.D

Acq: 09 Jan 2025 05:05

Tgt Ion:	105	Resp:	42683
Ion	Ratio	Lower	Upper
105	100		
120	42.3	0.0	87.2





#81

sec-Butylbenzene

Concen: 4.910 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX044645.D

Acq: 09 Jan 2025 05:05

Instrument :

MSVOA_X

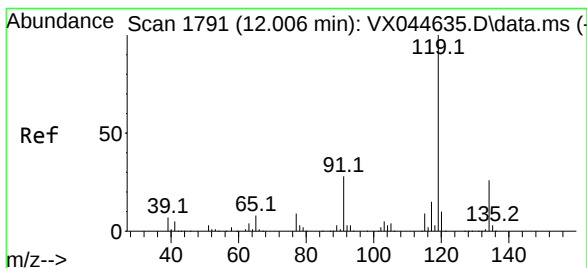
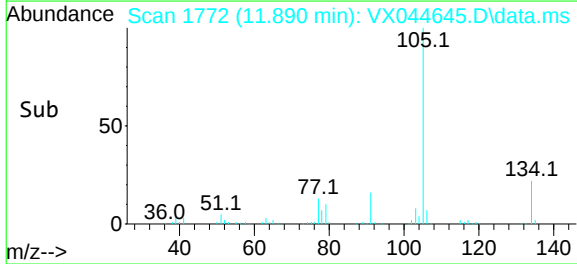
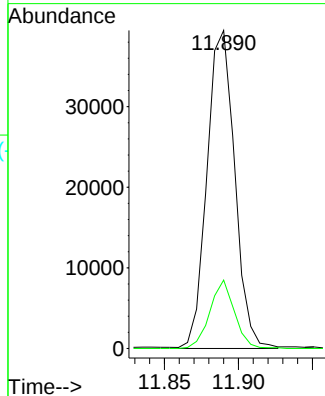
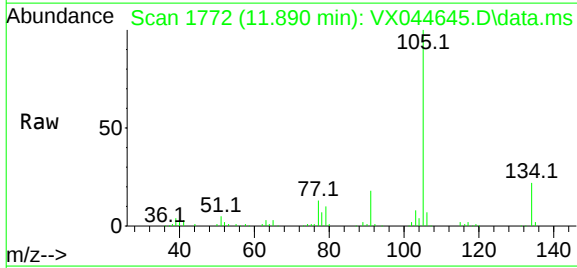
ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:105 Resp: 51501
 Ion Ratio Lower Upper
 105 100
 134 19.0 0.0 38.8

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/09/2025
 Supervised By :Semsettin Yesilyurt 01/09/2025



#82

p-Isopropyltoluene

Concen: 4.537 ug/l

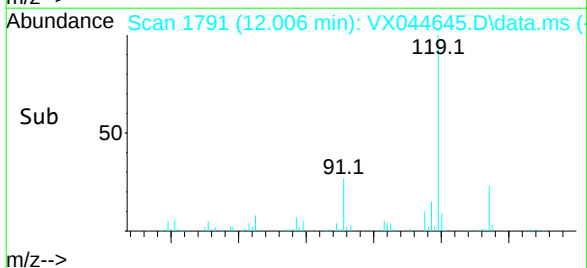
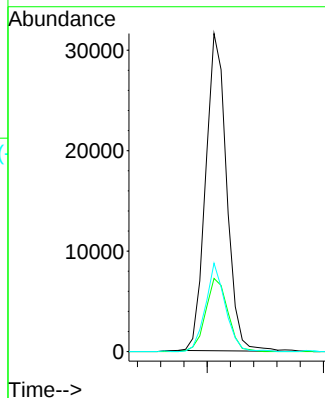
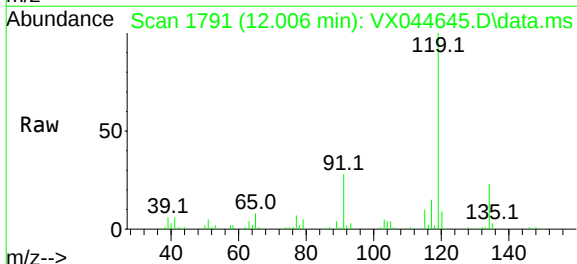
RT: 12.006 min Scan# 1791

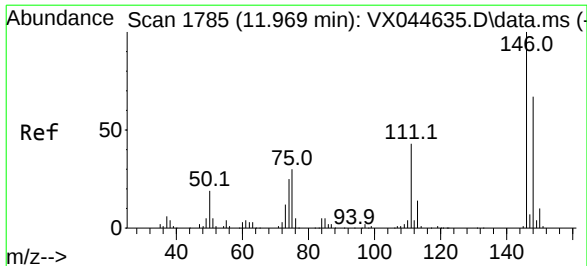
Delta R.T. 0.000 min

Lab File: VX044645.D

Acq: 09 Jan 2025 05:05

Tgt Ion:119 Resp: 39569
 Ion Ratio Lower Upper
 119 100
 134 24.4 0.0 53.8
 91 26.2 0.0 55.2





#83

1,3-Dichlorobenzene

Concen: 5.027 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX044645.D

Acq: 09 Jan 2025 05:05

Instrument :

MSVOA_X

ClientSampleId :

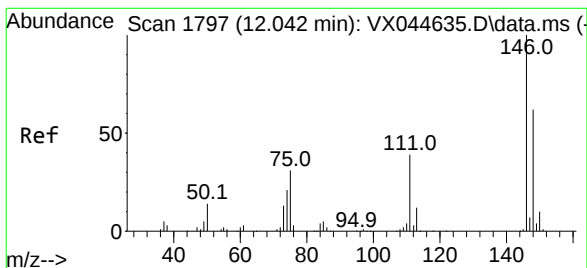
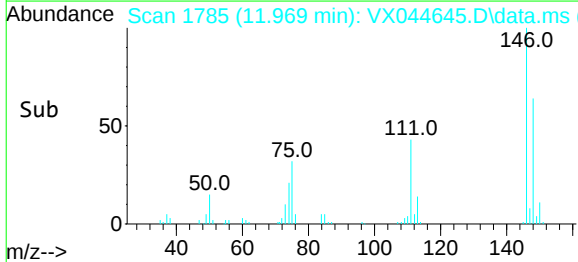
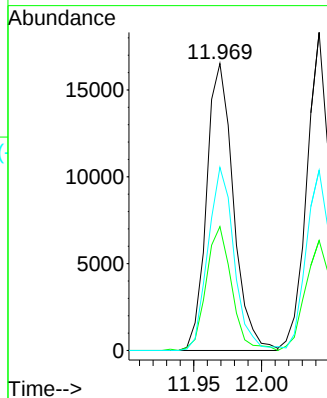
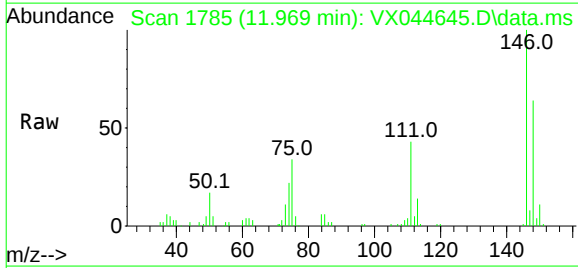
LOQ-WATER-02-QT4-2024

Tgt Ion:	146	Resp:	22705
Ion	Ratio	Lower	Upper
146	100		
111	40.9	21.7	65.1
148	61.9	32.1	96.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#84

1,4-Dichlorobenzene

Concen: 5.047 ug/l

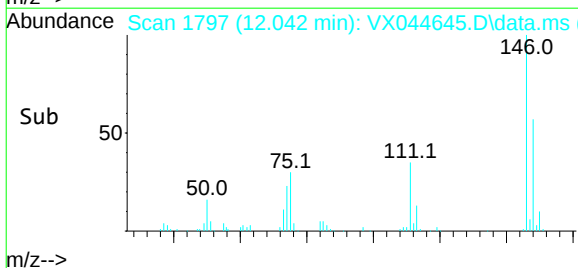
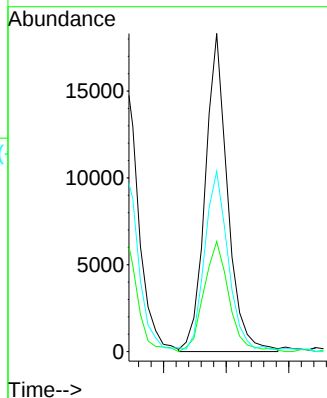
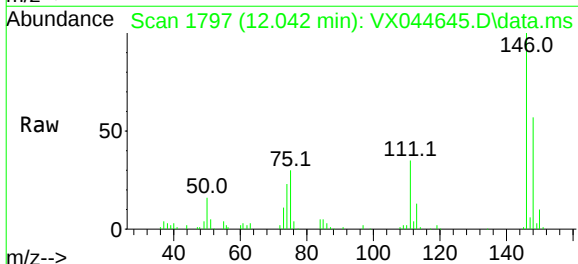
RT: 12.042 min Scan# 1797

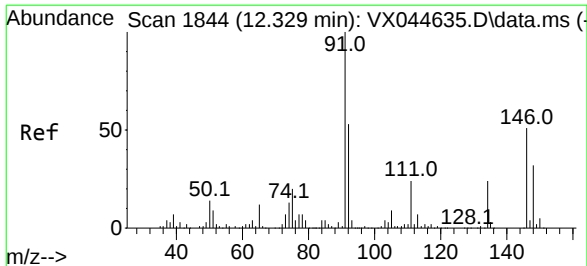
Delta R.T. 0.000 min

Lab File: VX044645.D

Acq: 09 Jan 2025 05:05

Tgt Ion:	146	Resp:	22800
Ion	Ratio	Lower	Upper
146	100		
111	38.5	21.1	63.1
148	57.7	32.6	98.0





#85

n-Butylbenzene

Concen: 4.245 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX044645.D

Acq: 09 Jan 2025 05:05

Instrument :

MSVOA_X

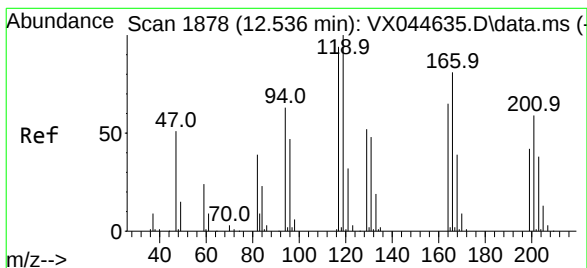
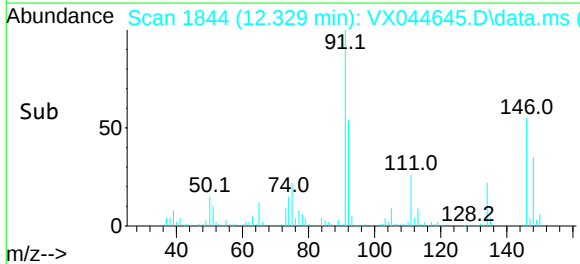
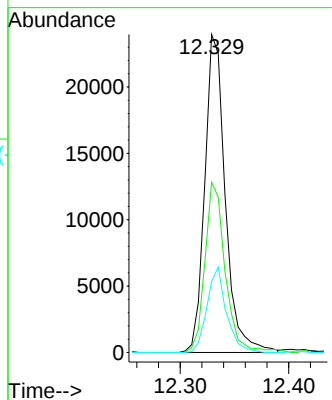
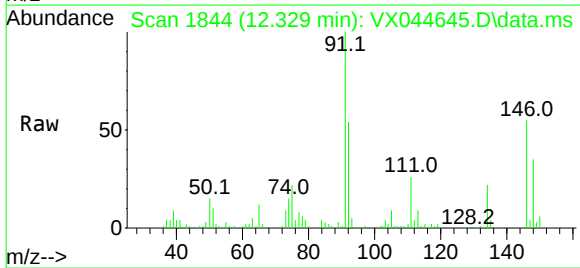
ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:	91	Resp:	31511
Ion Ratio	Lower	Upper	
91	100		
92	52.3	0.0	105.0
134	25.3	0.0	50.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#86

Hexachloroethane

Concen: 4.012 ug/l

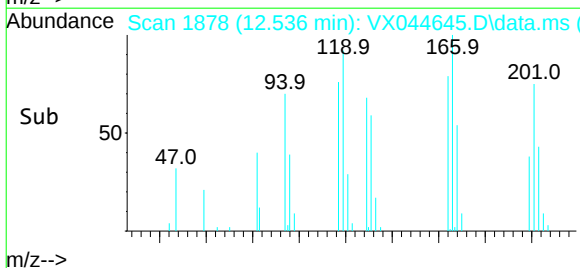
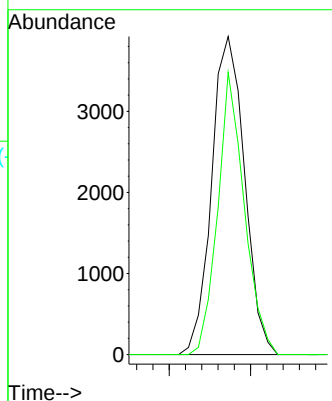
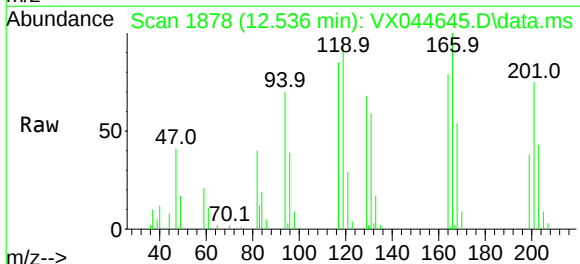
RT: 12.536 min Scan# 1878

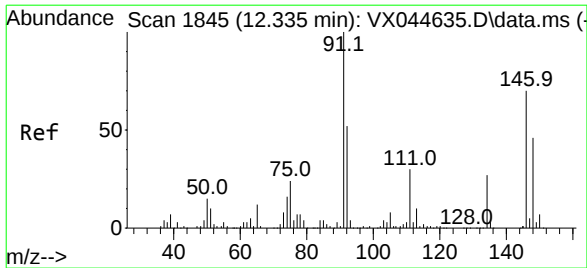
Delta R.T. 0.000 min

Lab File: VX044645.D

Acq: 09 Jan 2025 05:05

Tgt Ion:	117	Resp:	5513
Ion Ratio	Lower	Upper	
117	100		
201	71.7	32.8	98.4





#87

1,2-Dichlorobenzene

Concen: 4.910 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX044645.D

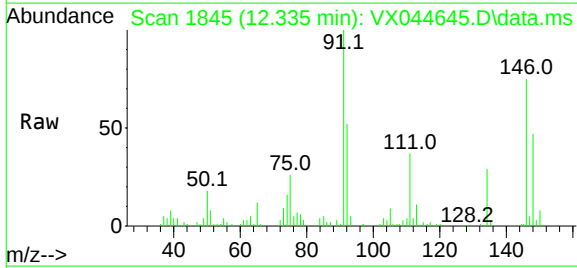
Acq: 09 Jan 2025 05:05

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2024



Tgt Ion: 146 Resp: 22618

Ion Ratio Lower Upper

146 100

111 45.7 21.9 65.7

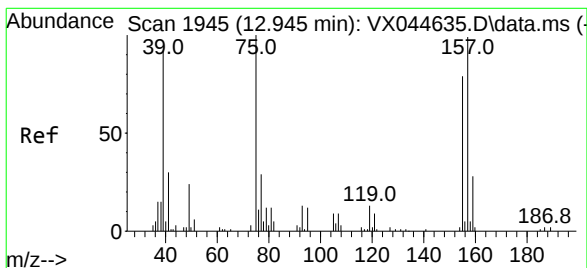
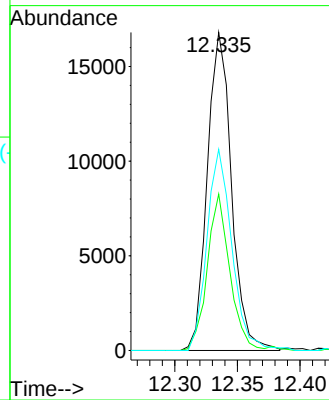
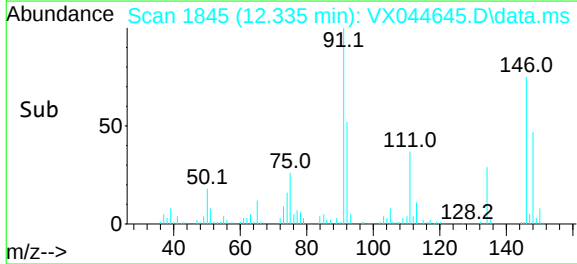
148 65.0 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#88

1,2-Dibromo-3-Chloropropane

Concen: 4.401 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX044645.D

Acq: 09 Jan 2025 05:05

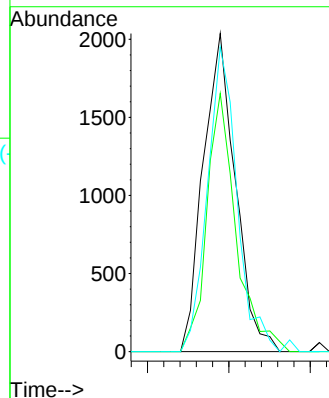
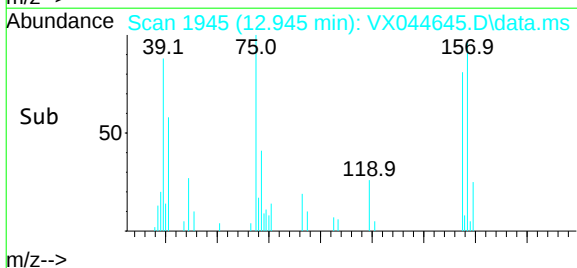
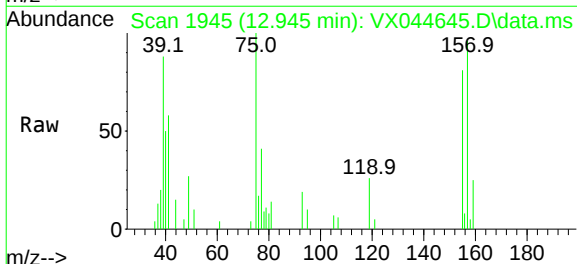
Tgt Ion: 75 Resp: 2799

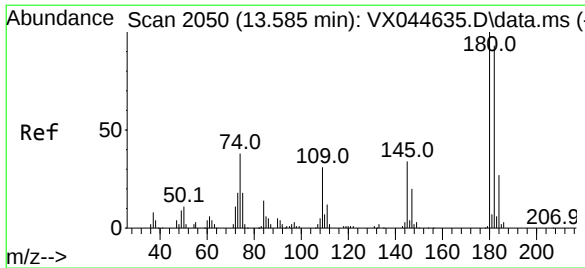
Ion Ratio Lower Upper

75 100

155 73.7 60.6 90.8

157 87.9 77.9 116.9





#89

1,2,4-Trichlorobenzene

Concen: 4.119 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX044645.D

Acq: 09 Jan 2025 05:05

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2024

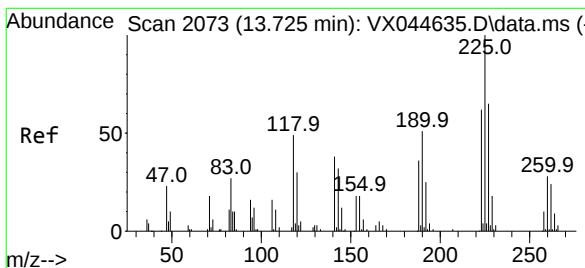
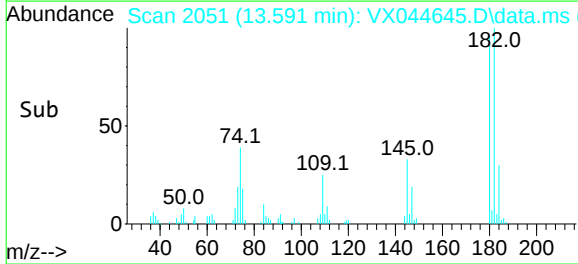
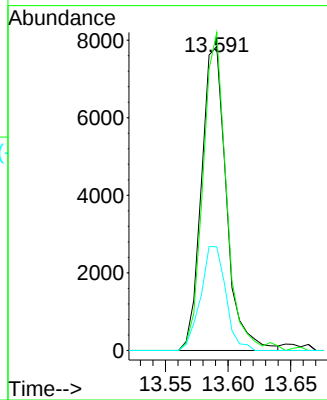
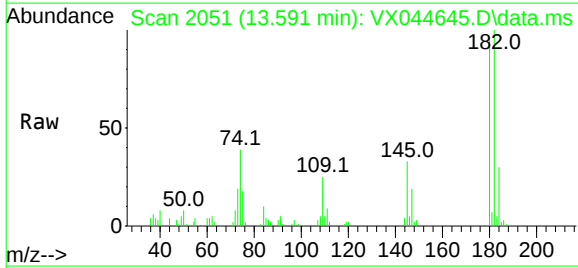
Tgt Ion:	180	Resp:	10889
Ion Ratio	Lower	Upper	
180	100		
182	96.3	75.9	113.9
145	34.3	26.7	40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#90

Hexachlorobutadiene

Concen: 4.907 ug/l

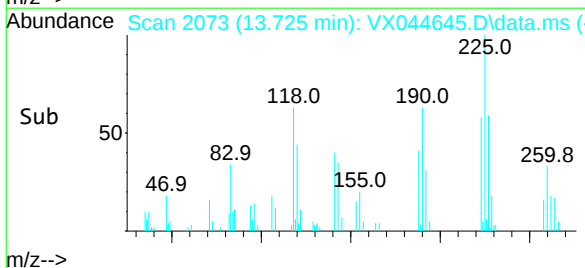
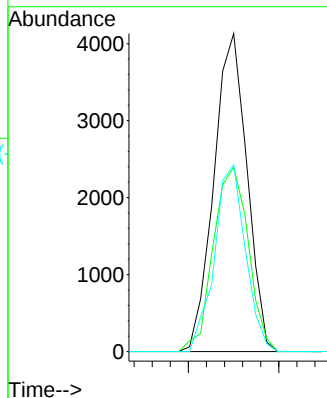
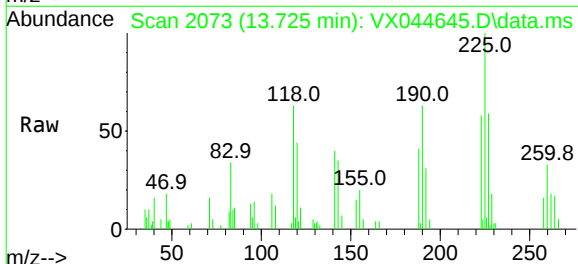
RT: 13.725 min Scan# 2073

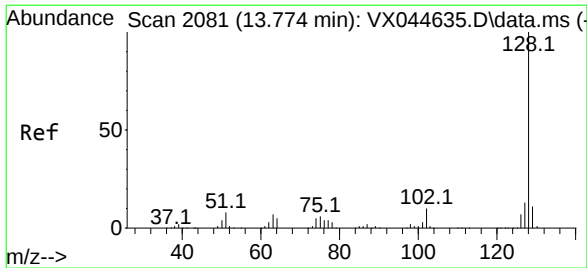
Delta R.T. 0.000 min

Lab File: VX044645.D

Acq: 09 Jan 2025 05:05

Tgt Ion:	225	Resp:	5255
Ion Ratio	Lower	Upper	
225	100		
223	61.4	0.0	124.0
227	55.1	0.0	134.6





#91

Naphthalene

Concen: 4.195 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX044645.D

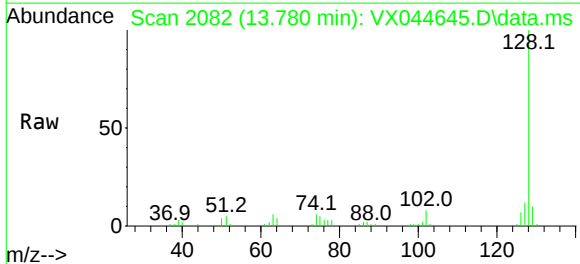
Acq: 09 Jan 2025 05:05

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2024



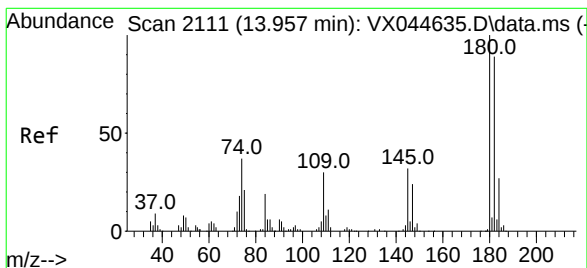
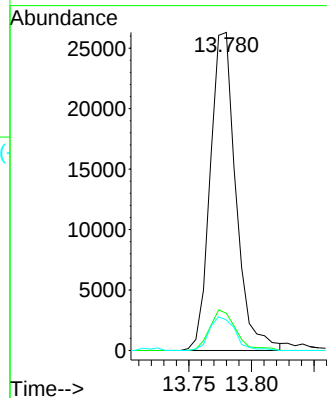
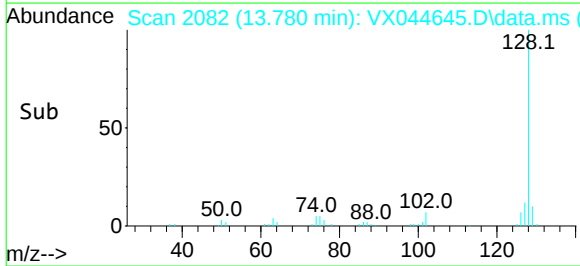
Tgt Ion:	128	Resp:	37534
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.4	15.6
129	10.7	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#92

1,2,3-Trichlorobenzene

Concen: 4.354 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX044645.D

Acq: 09 Jan 2025 05:05

Tgt Ion:	180	Resp:	11828
Ion	Ratio	Lower	Upper
180	100		
182	90.1	0.0	191.2
145	35.4	0.0	67.0

