

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
 Data File : VX044644.D
 Acq On : 09 Jan 2025 04:42
 Operator : JC/MD
 Sample : P4368-07 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024

Quant Time: Jan 09 05:21:32 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	29975	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	153927	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	156801	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	97686	29.766	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	99.233%	
60) 4-Bromofluorobenzene	11.079	95	82645	28.232	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	94.100%	
63) Toluene-d8	8.647	98	235418	26.852	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	89.500%#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	6024	2.225	ug/l	93
3) Chloromethane	1.294	50	7075	2.604	ug/l	94
4) Vinyl Chloride	1.374	62	6300	2.462	ug/l	93
5) Bromomethane	1.599	94	3791	2.939	ug/l #	79
6) Chloroethane	1.672	64	4187	2.923	ug/l #	84
7) Trichlorofluoromethane	1.880	101	9286	2.361	ug/l #	84
8) Diethyl Ether	2.129	74	3629	2.400	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	5595	2.647	ug/l	91
10) 1,1-Dichloroethene	2.312	96	5607	2.698	ug/l #	79
11) Methyl Iodide	2.446	142	6468	2.227	ug/l	94
12) Methyl Acetate	2.703	43	7417	2.528	ug/l	98
13) Acrolein	2.233	56	7338	13.630	ug/l	98
14) Acrylonitrile	3.068	53	12934	11.732	ug/l	97
15) Acetone	2.379	58	3823	13.645	ug/l	96
16) Carbon Disulfide	2.507	76	10203	2.239	ug/l	97
17) Allyl chloride	2.660	41	8497	2.371	ug/l	95
18) Methylene Chloride	2.788	84	6488	2.694	ug/l #	94
19) trans-1,2-Dichloroethene	3.093	96	5314	2.498	ug/l	88
20) Diisopropyl ether	3.757	45	18357	2.438	ug/l #	74
21) 1,1-Dichloroethane	3.605	63	10276	2.422	ug/l	97
22) cis-1,2-Dichloroethene	4.483	96	6827	2.605	ug/l #	91
23) tert-Butyl Alcohol	2.989	59	8802m	21.098	ug/l	
24) Methyl tert-Butyl Ether	3.117	73	17517	2.344	ug/l	99
25) Chloroform	5.092	83	11583m	2.544	ug/l	
26) Cyclohexane	5.470	56	7848m	2.337	ug/l	
29) 1,1-Dichloropropene	5.702	75	7143m	2.574	ug/l	
30) 2-Butanone	4.574	43	18118	12.578	ug/l #	81
31) 2,2-Dichloropropane	4.464	77	7680	2.366	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	8869	2.316	ug/l	94
33) Carbon Tetrachloride	5.678	117	6848m	2.196	ug/l	
34) Benzene	6.037	78	22337	2.584	ug/l	95
35) Methacrylonitrile	4.928	41	3522m	2.080	ug/l	
36) 1,2-Dichloroethane	6.086	62	9832m	2.721	ug/l	
37) Trichloroethene	7.129	130	5374	2.486	ug/l #	73
38) Methylcyclohexane	7.379	83	7472	2.161	ug/l	94
39) 1,2-Dichloropropane	7.427	63	5418	2.522	ug/l #	87
40) Dibromomethane	7.586	93	4106	2.437	ug/l	96
41) Bromodichloromethane	7.817	83	7419	2.344	ug/l	98
42) Vinyl Acetate	3.721	43	66319	10.945	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.727	43	7307m	2.437	ug/l	
44) Isopropyl Acetate	6.348	43	11956	2.399	ug/l	96
45) 1,4-Dioxane	7.677	88	2165	62.002	ug/l #	70
46) Methyl methacrylate	7.708	41	5711	2.351	ug/l	99
47) n-amyl Acetate	10.847	43	9316	2.305	ug/l	98
48) t-1,3-Dichloropropene	8.982	75	6323	2.064	ug/l	93
49) cis-1,3-Dichloropropene	8.372	75	7182	2.054	ug/l	99
50) 1,1,2-Trichloroethane	9.153	97	6103	2.857	ug/l	92
51) Ethyl methacrylate	9.116	69	7652	2.345	ug/l	97
52) 1,3-Dichloropropane	9.305	76	10287	2.810	ug/l	96
53) Dibromochloromethane	9.518	129	4862	2.188	ug/l	91
54) 1,2-Dibromoethane	9.610	107	5849	2.661	ug/l	93
55) 2-Chloroethyl vinyl ether	8.244	63	17373	10.806	ug/l	96
56) Bromoform	10.799	173	3112	2.271	ug/l #	86
58) 4-Methyl-2-Pentanone	8.573	43	35259	11.026	ug/l	99
59) 2-Hexanone	9.433	43	25665	11.620	ug/l	94
61) Tetrachloroethene	9.275	164	5752	2.855	ug/l #	84
62) Toluene	8.714	91	23399	2.268	ug/l	100
64) Chlorobenzene	10.079	112	16914	2.641	ug/l	91
65) 1,1,1,2-Tetrachloroethane	10.165	131	5310	2.442	ug/l	95
66) Ethyl Benzene	10.195	91	26547	2.393	ug/l	99
67) m/p-Xylenes	10.299	106	19780	4.741	ug/l	100
68) o-Xylene	10.640	106	10219	2.510	ug/l	98
69) Styrene	10.652	104	15333	2.267	ug/l	98
70) Isopropylbenzene	10.963	105	24550	2.339	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.213	83	8578	2.626	ug/l	94
72) 1,2,3-Trichloropropane	11.238	75	7273m	2.552	ug/l	
73) Bromobenzene	11.201	156	6161	2.497	ug/l	96
74) n-propylbenzene	11.305	91	25861	2.174	ug/l	100
75) 2-Chlorotoluene	11.366	91	18474	2.471	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	20161	2.311	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	1443	1.593	ug/l	91
78) 4-Chlorotoluene	11.457	91	18587	2.238	ug/l	96
79) tert-butylbenzene	11.713	119	20496	2.392	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	19292	2.244	ug/l	99
81) sec-Butylbenzene	11.890	105	22571	2.177	ug/l	98
82) p-Isopropyltoluene	12.006	119	17095	1.983	ug/l	97
83) 1,3-Dichlorobenzene	11.969	146	9465	2.120	ug/l	98
84) 1,4-Dichlorobenzene	12.042	146	9403	2.106	ug/l	98
85) n-Butylbenzene	12.335	91	12754	1.738	ug/l	94
86) Hexachloroethane	12.536	117	2627	1.934	ug/l	89
87) 1,2-Dichlorobenzene	12.335	146	9387	2.062	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	12.945	75	1082	1.721	ug/l	95
89) 1,2,4-Trichlorobenzene	13.591	180	4924	1.884	ug/l	97
90) Hexachlorobutadiene	13.725	225	2102	1.986	ug/l	92
91) Naphthalene	13.774	128	15119	1.710	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	5331	1.986	ug/l	96

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

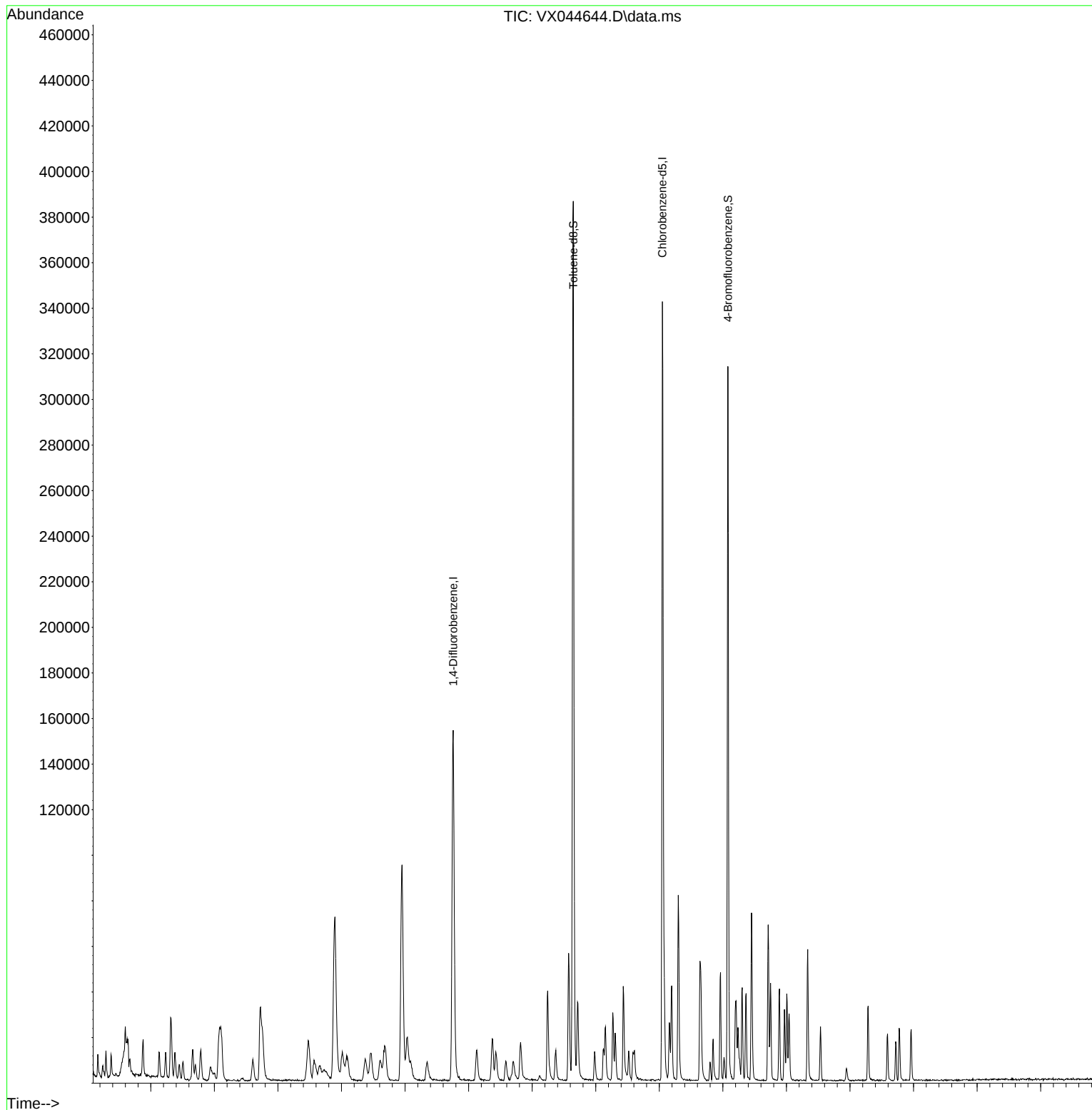
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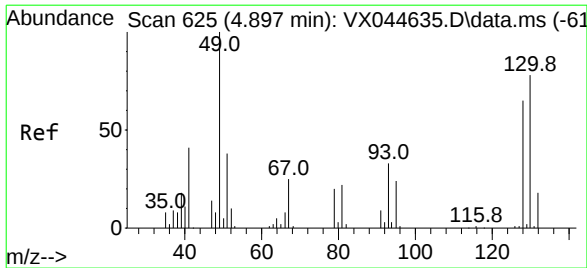
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MSVOA_X
ClientSampleId :
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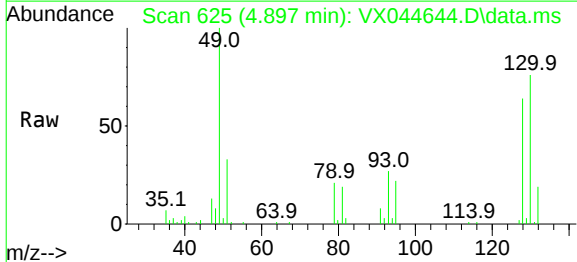
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

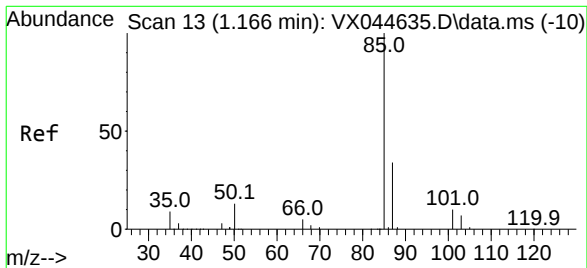
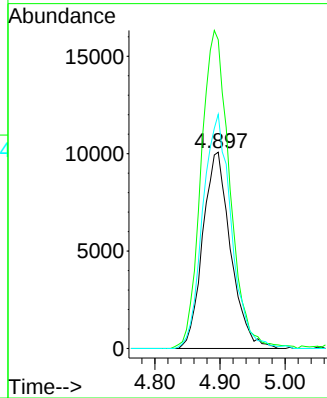
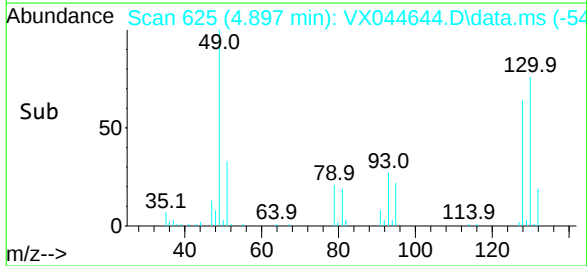
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 128 Resp: 29975
Ion Ratio Lower Upper
128 100
49 166.9 0.0 425.8
130 121.3 0.0 319.8

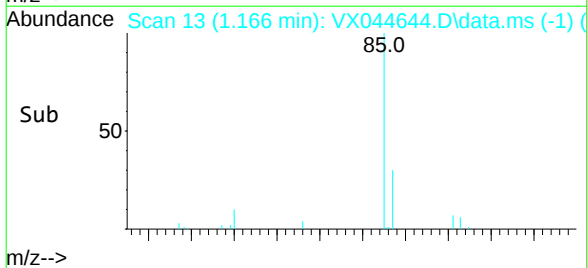
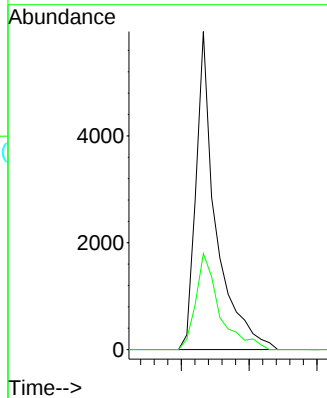
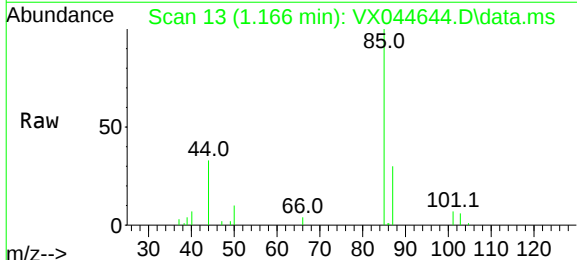
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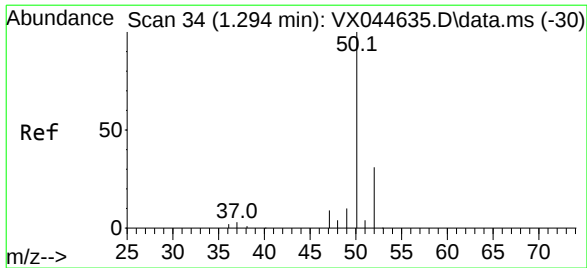
Reviewed By : John Carlone 01/09/2025
Supervised By : Semsettin Yesilyurt 01/09/2025



#2
Dichlorodifluoromethane
Concen: 2.225 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

Tgt Ion: 85 Resp: 6024
Ion Ratio Lower Upper
85 100
87 30.2 17.0 51.0





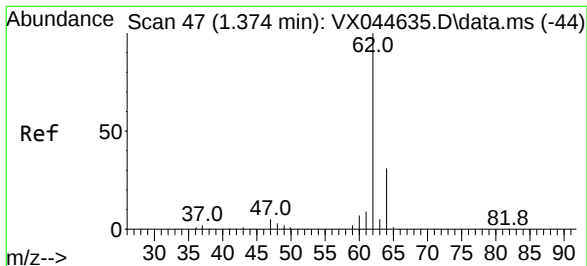
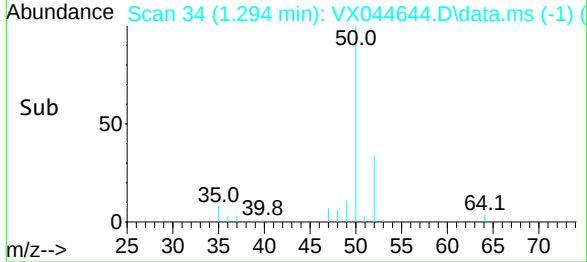
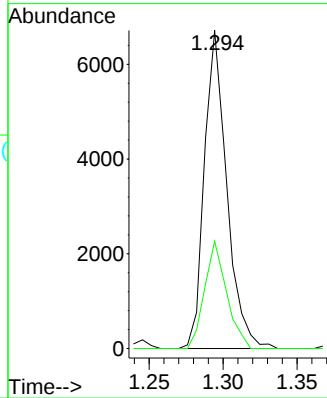
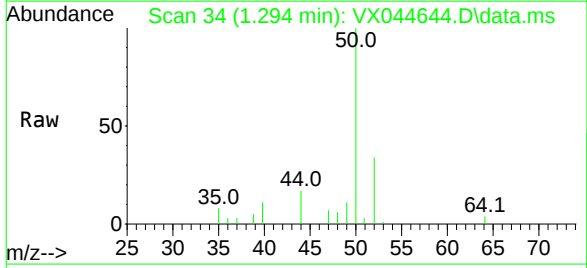
#3
Chloromethane
Concen: 2.604 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 50 Resp: 7075
Ion Ratio Lower Upper
50 100
52 33.7 24.5 36.7

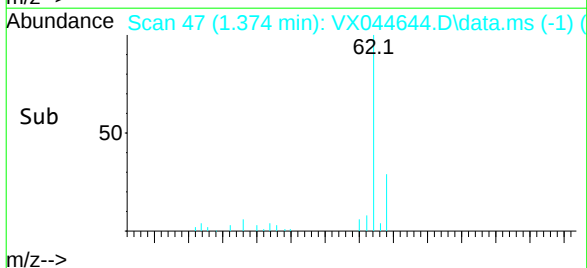
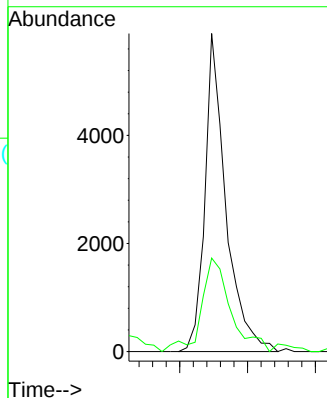
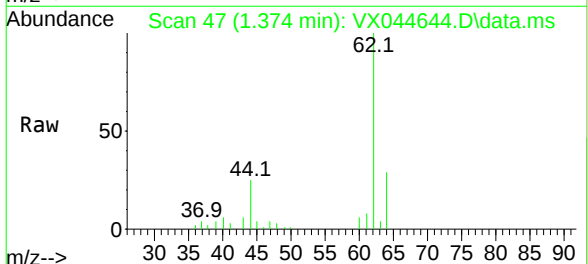
Manual Integrations
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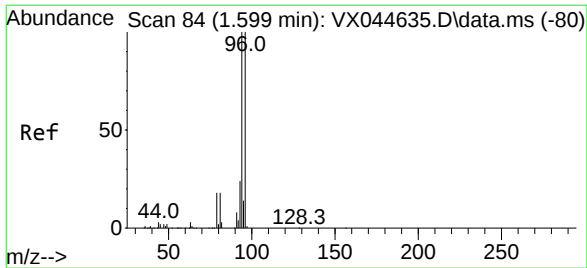
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#4
Vinyl Chloride
Concen: 2.462 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

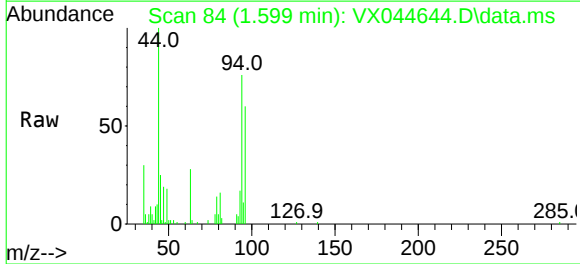
Tgt Ion: 62 Resp: 6300
Ion Ratio Lower Upper
62 100
64 27.0 24.7 37.1





#5
Bromomethane
Concen: 2.939 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

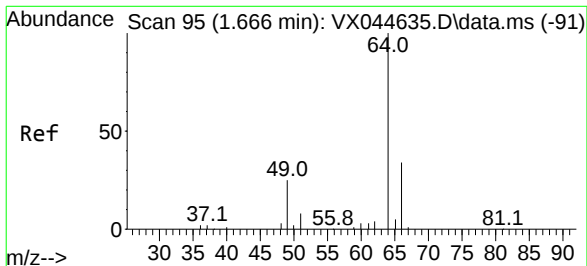
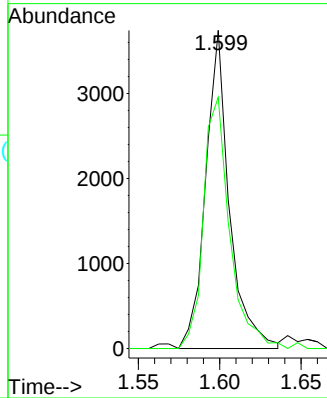
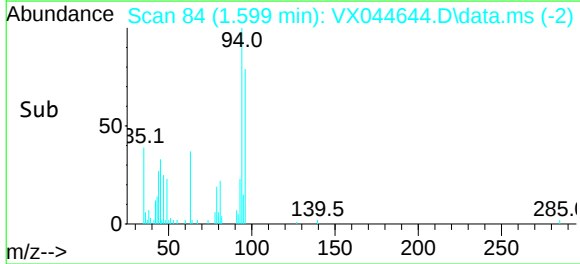
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



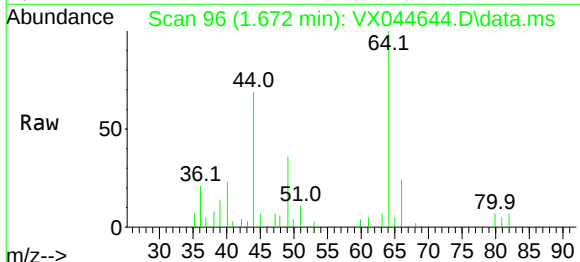
Tgt Ion: 94 Resp: 3791
Ion Ratio Lower Upper
94 100
96 79.0 79.9 119.9#

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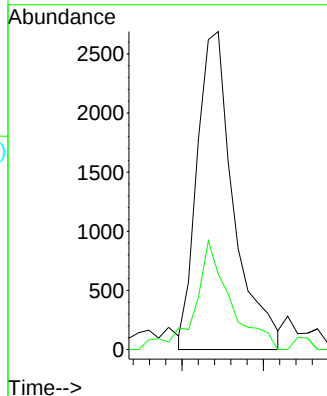
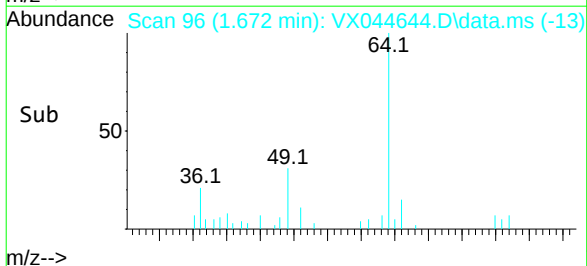
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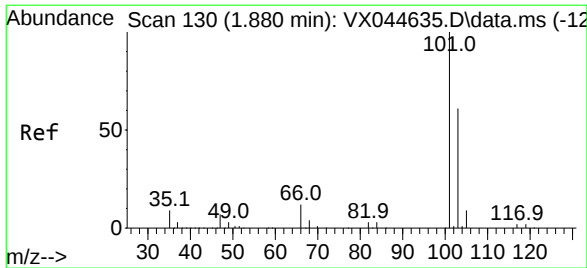


#6
Chloroethane
Concen: 2.923 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42



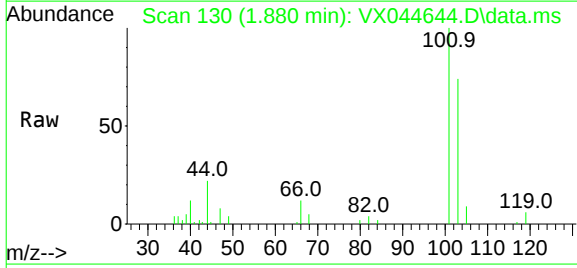
Tgt Ion: 64 Resp: 4187
Ion Ratio Lower Upper
64 100
66 24.8 26.9 40.3#





#7
 Trichlorofluoromethane
 Concen: 2.361 ug/l
 RT: 1.880 min Scan# 130
 Delta R.T. -0.000 min
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 Acq: 09 Jan 2025 04:42

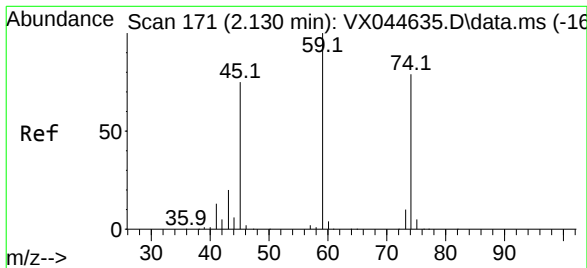
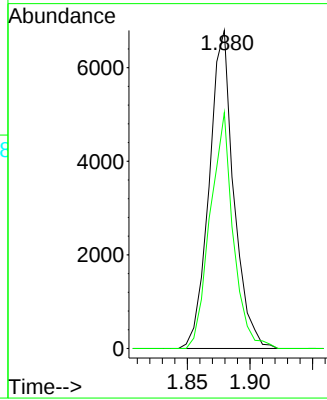
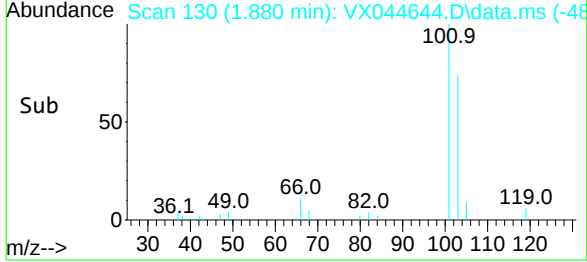
Instrument : MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 101 Resp: 9286
 Ion Ratio Lower Upper
 101 100
 103 74.1 49.2 73.8#

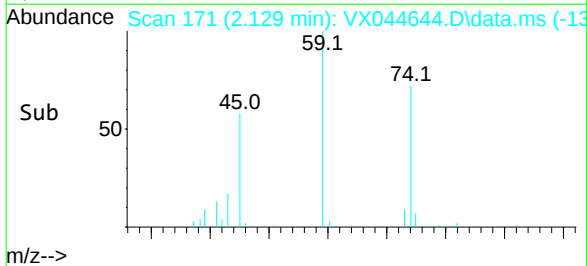
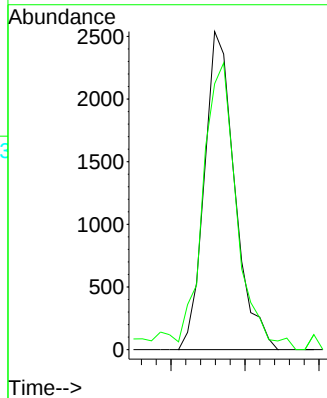
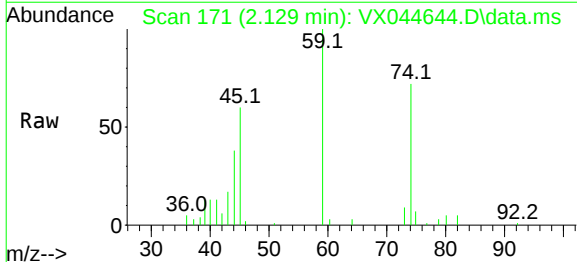
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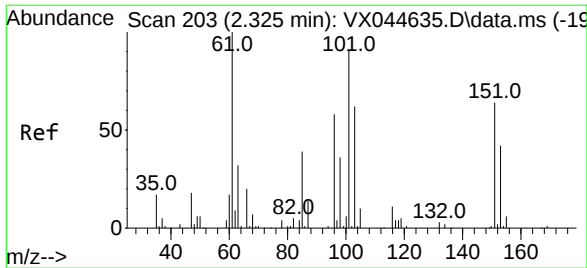
Reviewed By : John Carlone 01/09/2025
 Supervised By : Semsettin Yesilyurt 01/09/2025



#8
 Diethyl Ether
 Concen: 2.400 ug/l
 RT: 2.129 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX044644.D
 Acq: 09 Jan 2025 04:42

Tgt Ion: 74 Resp: 3629
 Ion Ratio Lower Upper
 74 100
 45 98.9 19.4 174.6





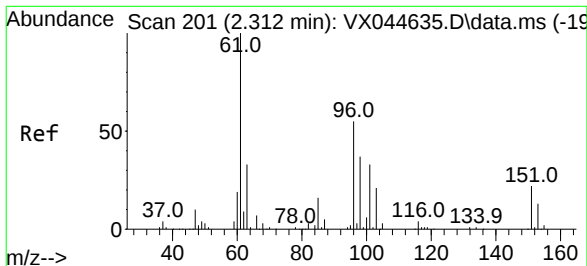
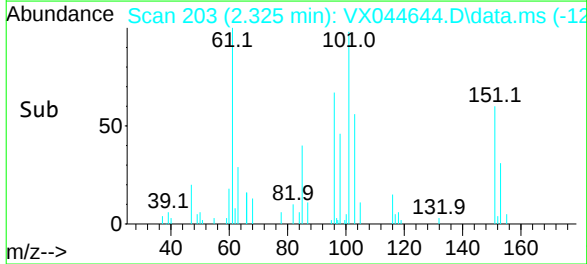
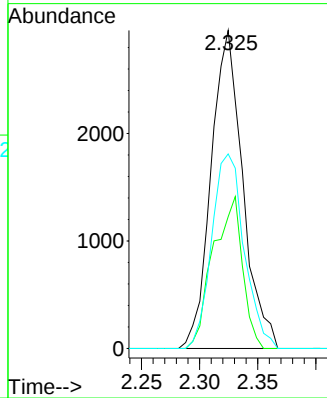
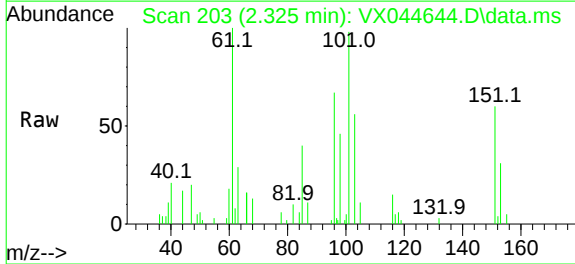
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.647 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 101 Resp: 5595
Ion Ratio Lower Upper
101 100
85 44.4 0.0 93.4
151 62.8 0.0 146.2

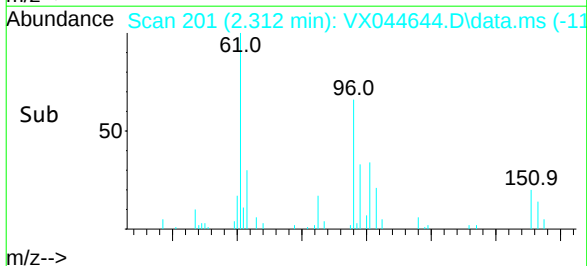
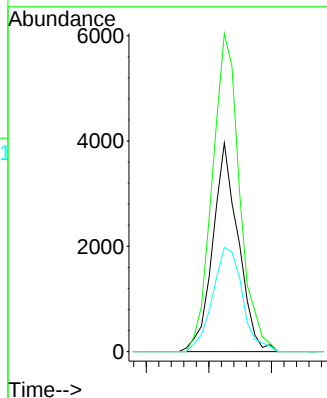
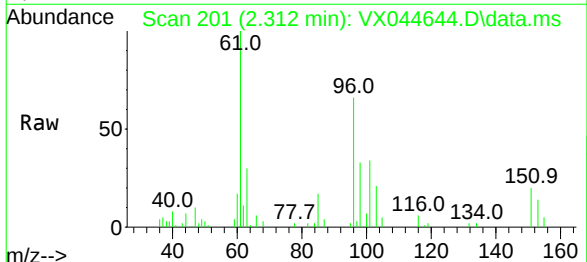
Manual Integrations
APPROVED

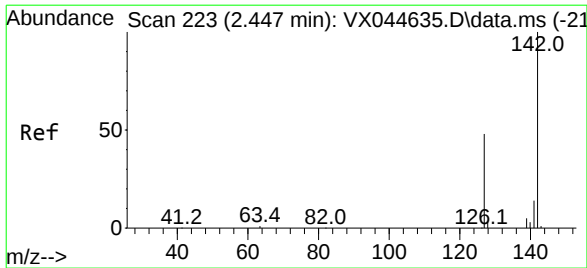
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#10
1,1-Dichloroethene
Concen: 2.698 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

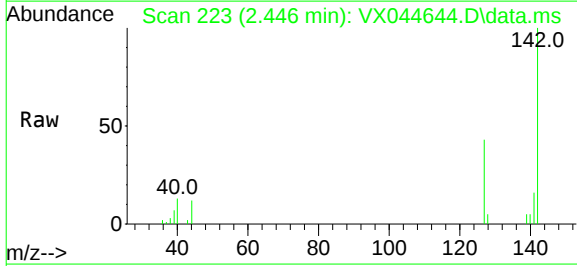
Tgt Ion: 96 Resp: 5607
Ion Ratio Lower Upper
96 100
61 152.5 146.0 219.0
98 50.0 54.6 81.8#





#11
Methyl Iodide
Concen: 2.227 ug/l
RT: 2.446 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

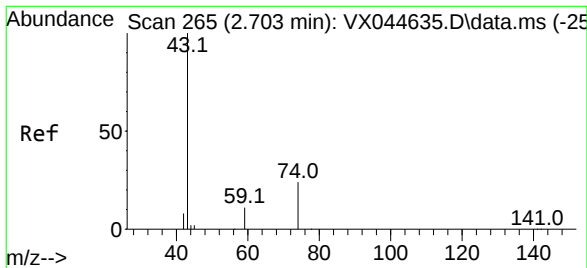
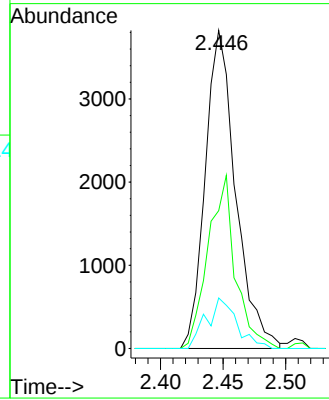
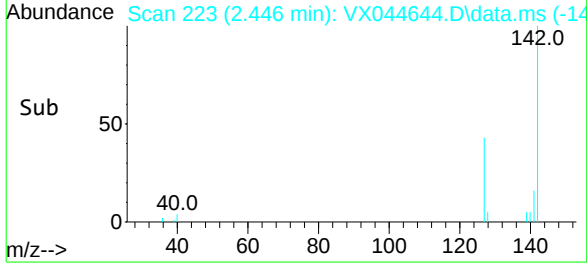
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 142 Resp: 6468
Ion Ratio Lower Upper
142 100
127 43.7 24.1 72.2
141 16.0 7.0 20.9

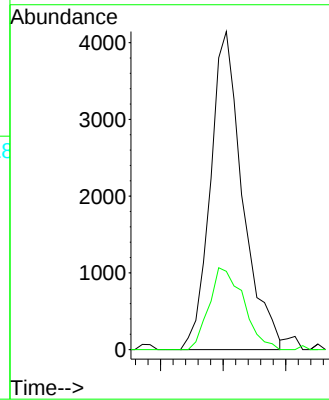
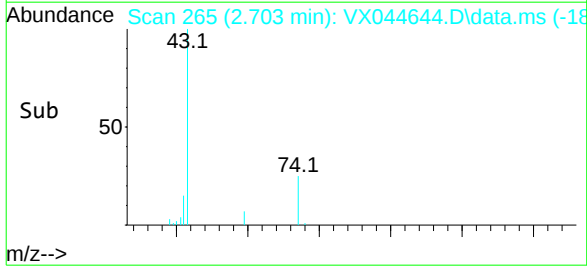
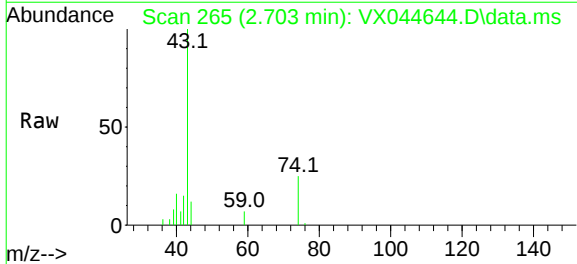
Manual Integrations
APPROVED

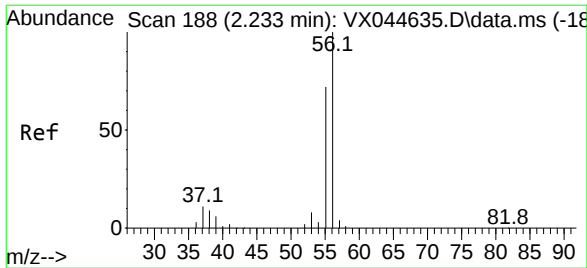
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#12
Methyl Acetate
Concen: 2.528 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

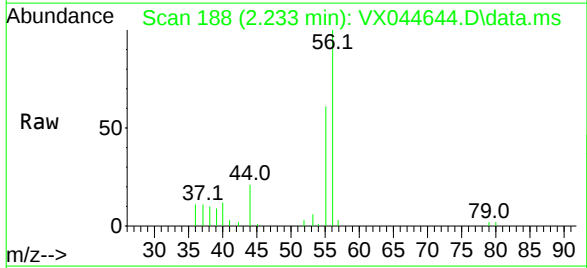
Tgt Ion: 43 Resp: 7417
Ion Ratio Lower Upper
43 100
74 25.0 19.4 29.0





#13
Acrolein
Concen: 13.630 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

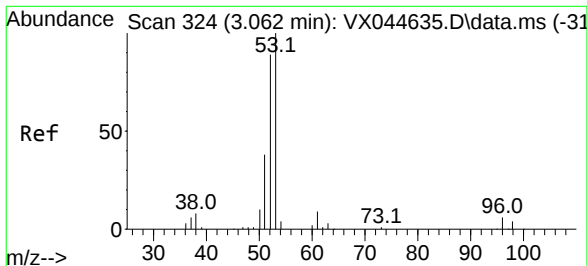
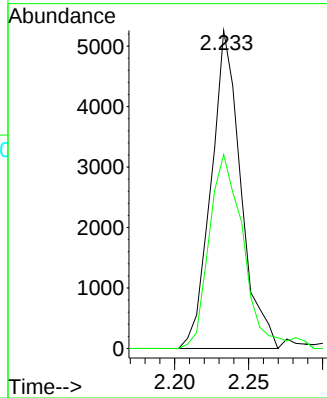
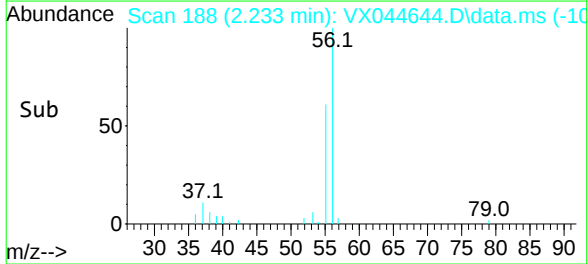
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



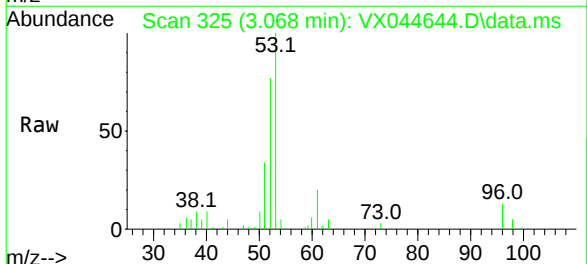
Tgt Ion: 56 Resp: 7338
Ion Ratio Lower Upper
56 100
55 69.5 56.7 85.1

Manual Integrations
APPROVED

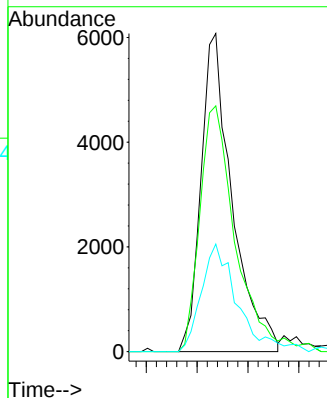
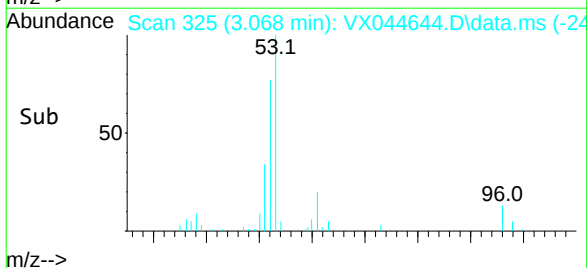
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

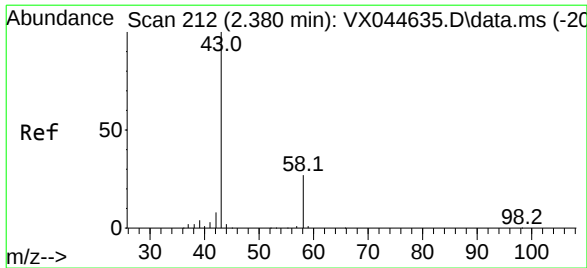


#14
Acrylonitrile
Concen: 11.732 ug/l
RT: 3.068 min Scan# 325
Delta R.T. 0.006 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42



Tgt Ion: 53 Resp: 12934
Ion Ratio Lower Upper
53 100
52 85.9 41.5 124.6
51 36.1 18.4 55.4





#15

Acetone

Concen: 13.645 ug/l

RT: 2.379 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX044644.D

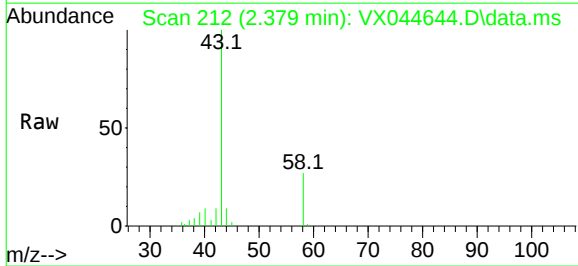
Acq: 09 Jan 2025 04:42

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 58 Resp: 3823

Ion Ratio Lower Upper

58 100

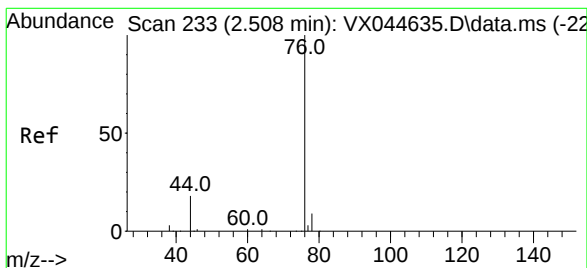
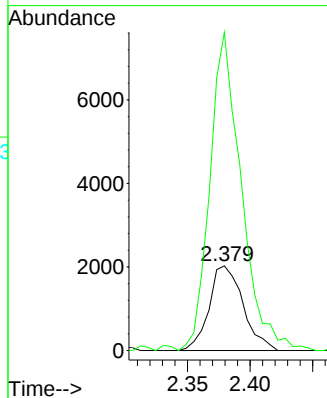
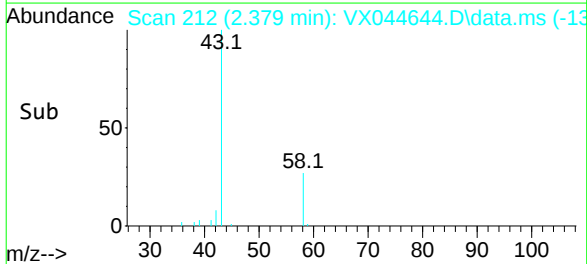
43 375.7 293.6 440.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#16

Carbon Disulfide

Concen: 2.239 ug/l

RT: 2.507 min Scan# 233

Delta R.T. -0.000 min

Lab File: VX044644.D

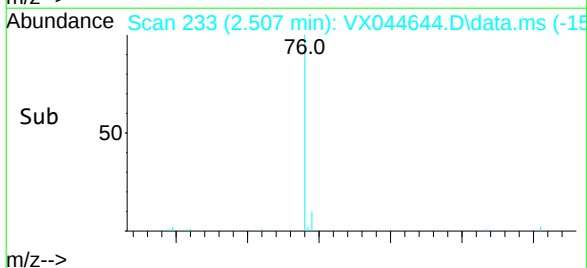
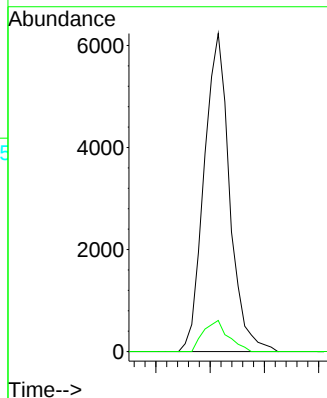
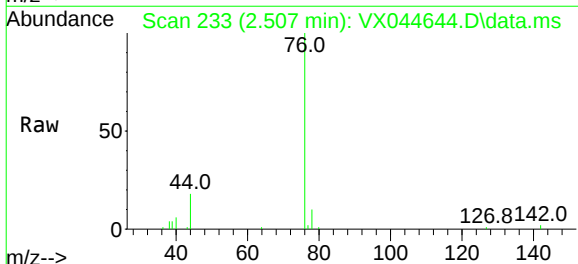
Acq: 09 Jan 2025 04:42

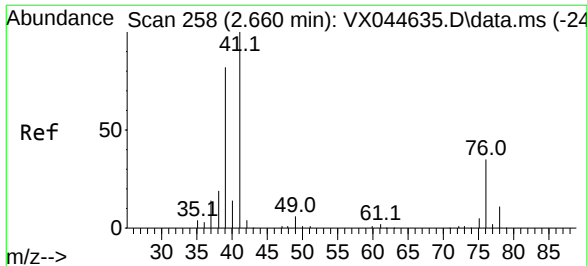
Tgt Ion: 76 Resp: 10203

Ion Ratio Lower Upper

76 100

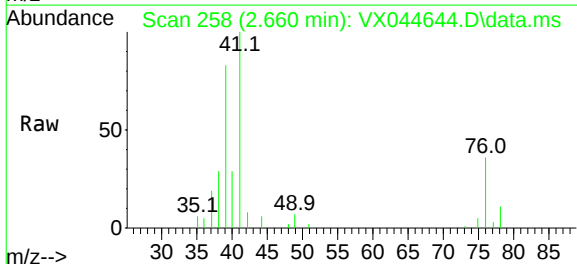
78 9.8 7.0 10.4





#17
 Allyl chloride
 Concen: 2.371 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. -0.000 min
 Lab File: VX044644.D
 Acq: 09 Jan 2025 04:42

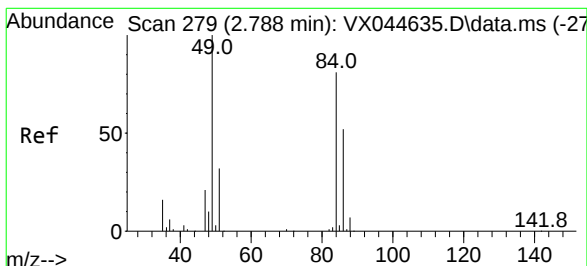
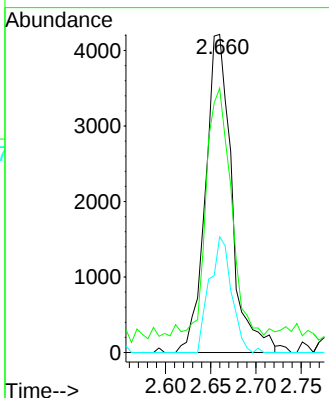
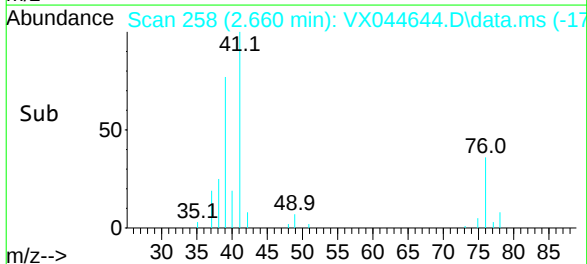
Instrument : MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024



Tgt Ion:	41	Resp:	8497
Ion	Ratio	Lower	Upper
41	100		
39	76.6	40.9	122.7
76	36.4	17.4	52.2

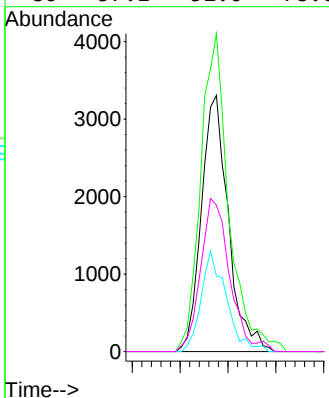
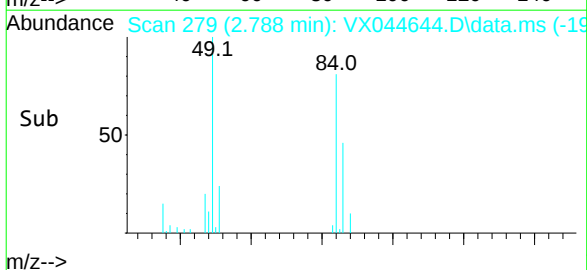
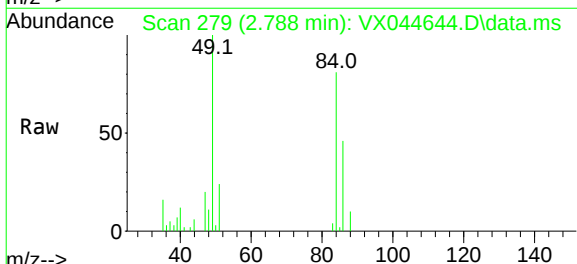
Manual Integrations
 APPROVED

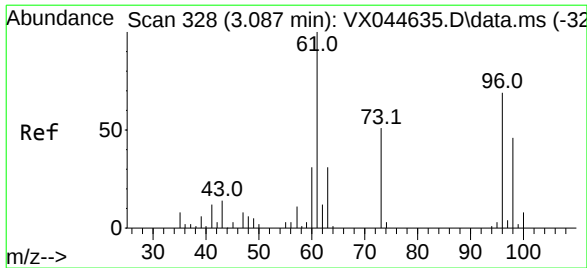
Reviewed By :John Carlone 01/09/2025
 Supervised By :Semsettin Yesilyurt 01/09/2025



#18
 Methylene Chloride
 Concen: 2.694 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX044644.D
 Acq: 09 Jan 2025 04:42

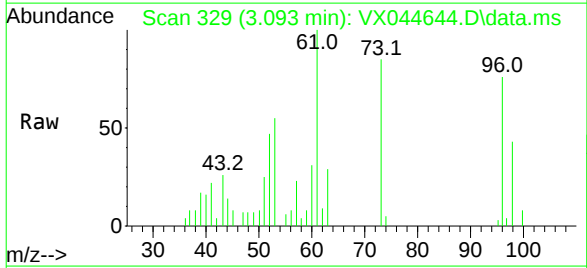
Tgt Ion:	84	Resp:	6488
Ion	Ratio	Lower	Upper
84	100		
49	124.1	99.2	148.8
51	29.4	31.7	47.5#
86	57.1	52.0	78.0





#19
trans-1,2-Dichloroethene
Concen: 2.498 ug/l
RT: 3.093 min Scan# 328
Delta R.T. 0.006 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

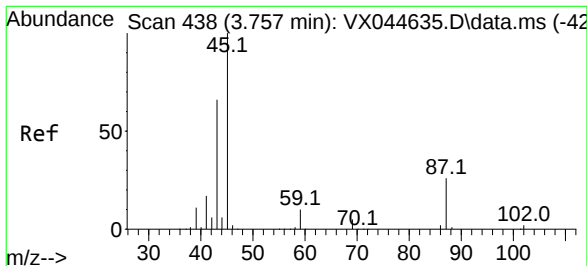
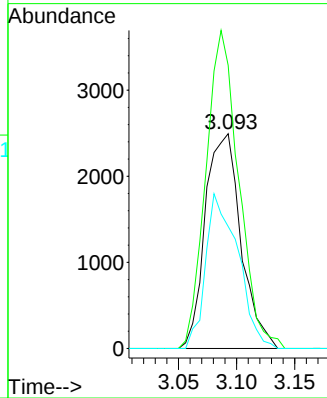
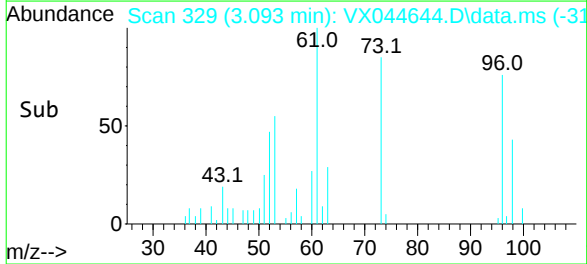
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



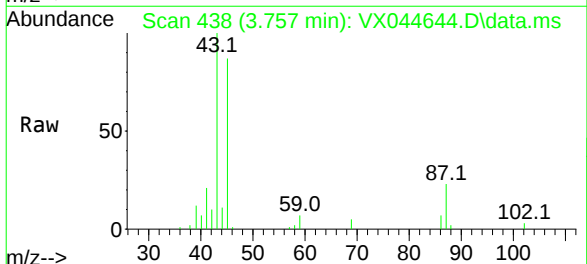
Tgt Ion: 96 Resp: 5314
Ion Ratio Lower Upper
96 100
61 131.8 116.6 175.0
98 56.8 53.3 79.9

Manual Integrations
APPROVED

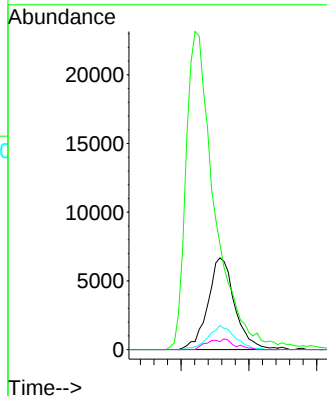
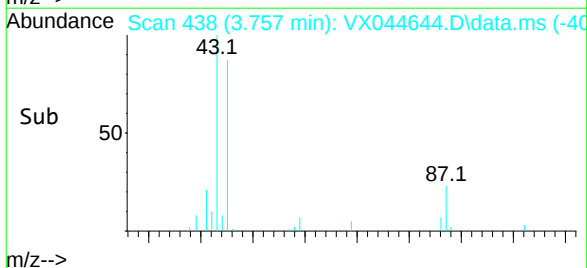
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

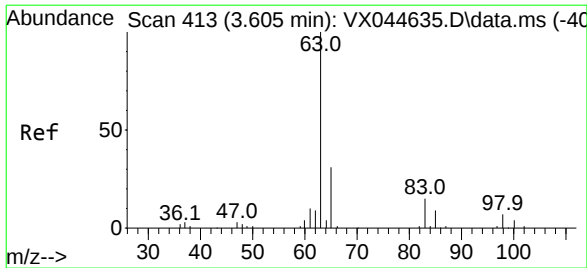


#20
Diisopropyl ether
Concen: 2.438 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42



Tgt Ion: 45 Resp: 18357
Ion Ratio Lower Upper
45 100
43 109.4 62.0 93.0#
87 26.2 20.6 30.8
59 8.6 8.4 12.6





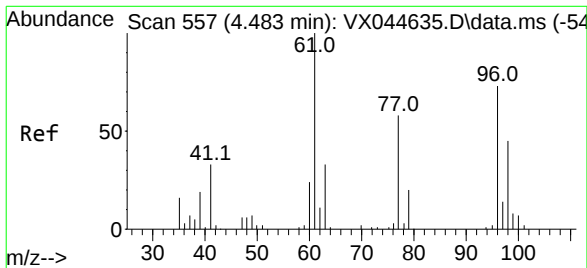
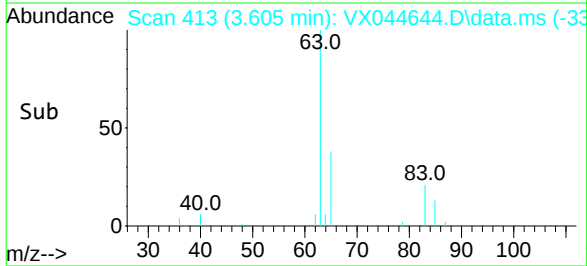
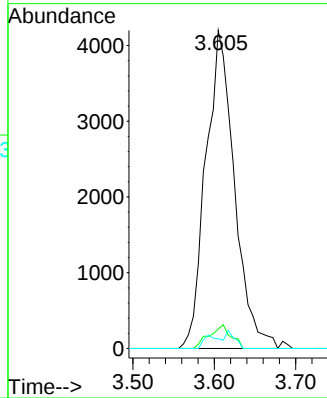
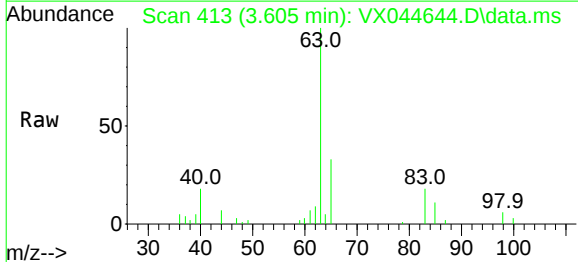
#21
1,1-Dichloroethane
Concen: 2.422 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion	63	98	100
Ratio	100	6.1	3.0
Lower		3.4	2.2
Upper		10.1	6.6

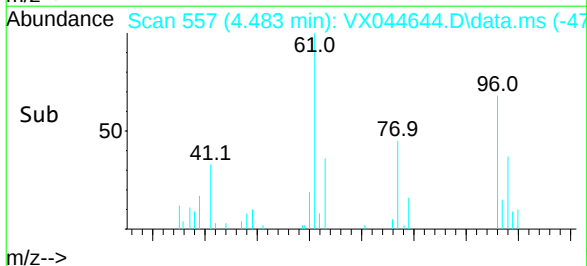
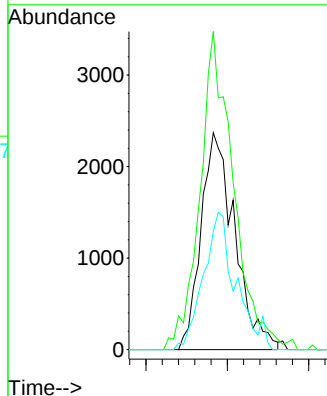
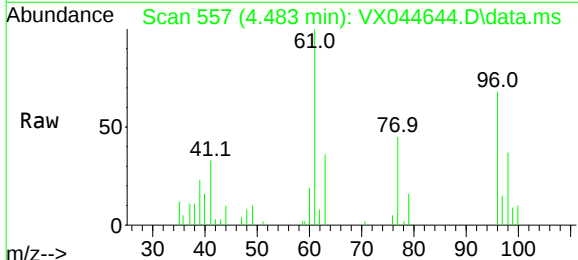
Manual Integrations
APPROVED

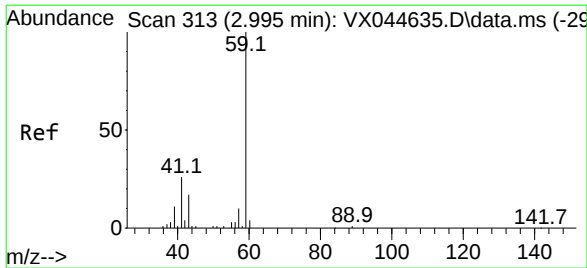
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#22
cis-1,2-Dichloroethene
Concen: 2.605 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

Tgt Ion	96	61	98
Ratio	100	145.2	47.3
Lower		119.8	51.6
Upper		179.8	77.4





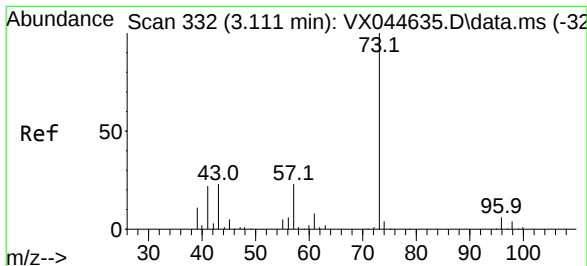
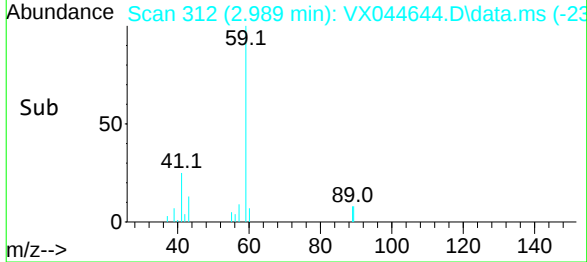
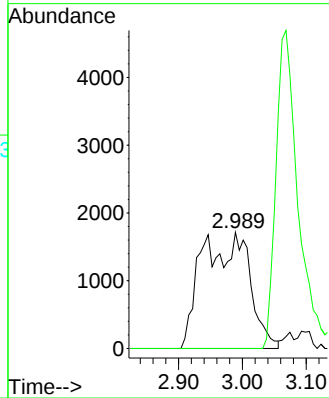
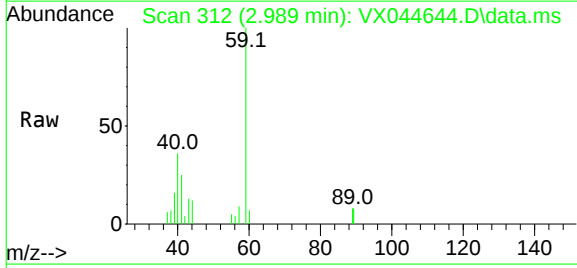
#23
tert-Butyl Alcohol
Concen: 21.098 ug/l m
RT: 2.989 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 59 Resp: 8802
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

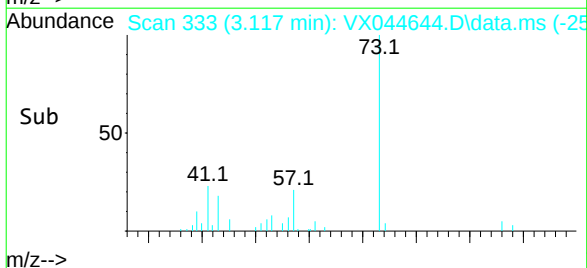
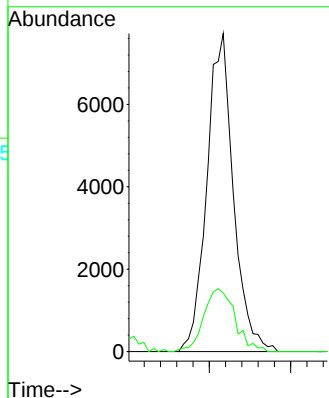
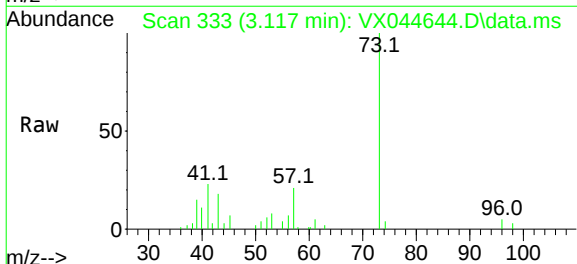
Manual Integrations
APPROVED

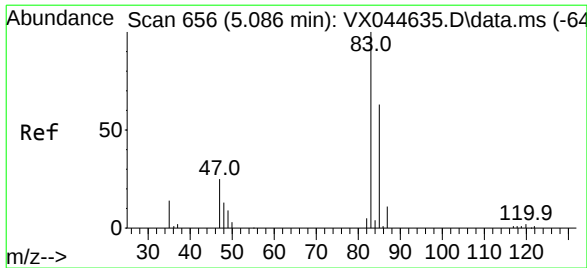
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#24
Methyl tert-Butyl Ether
Concen: 2.344 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

Tgt Ion: 73 Resp: 17517
Ion Ratio Lower Upper
73 100
43 23.2 18.3 27.5





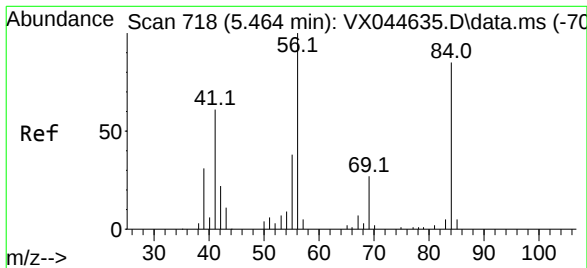
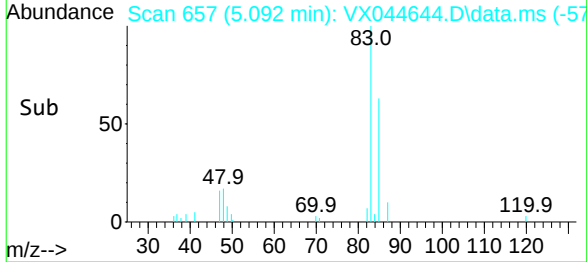
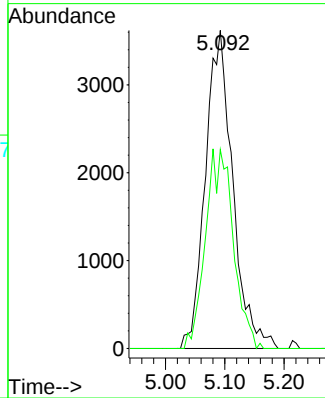
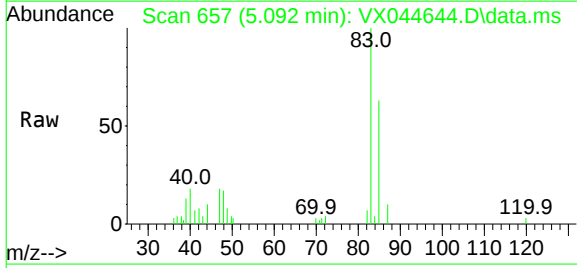
#25
Chloroform
Concen: 2.544 ug/l m
RT: 5.092 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 83 Resp: 11583
Ion Ratio Lower Upper
83 100
85 62.5 50.7 76.1

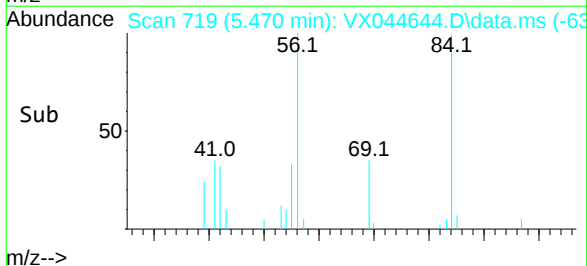
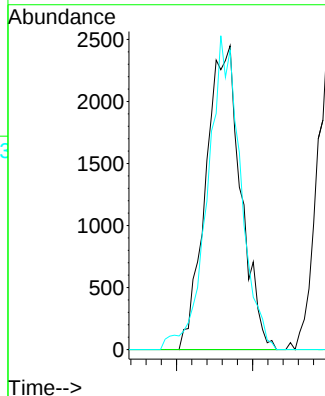
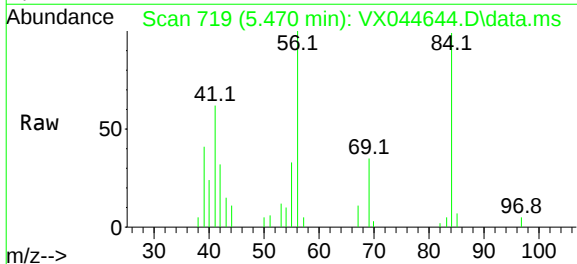
Manual Integrations
APPROVED

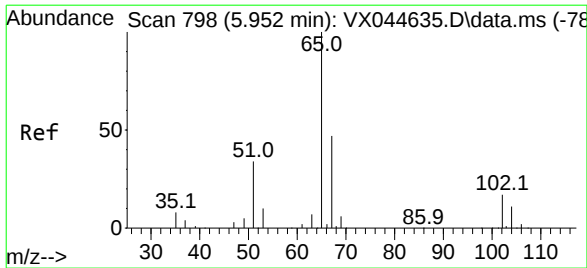
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#26
Cyclohexane
Concen: 2.337 ug/l m
RT: 5.470 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

Tgt Ion: 56 Resp: 7848
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 95.2 69.2 103.8





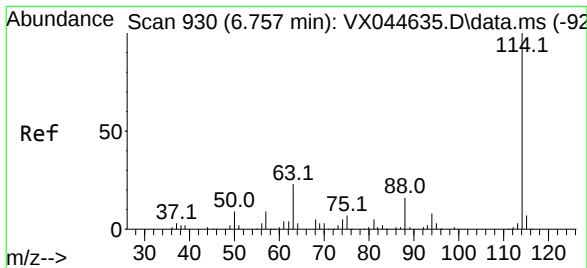
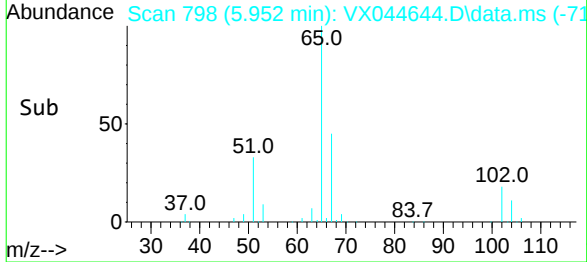
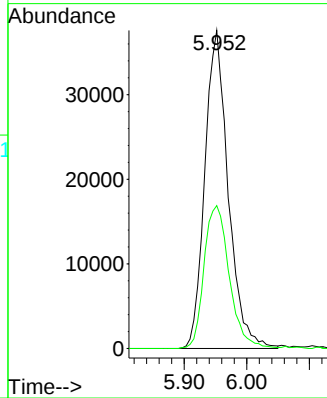
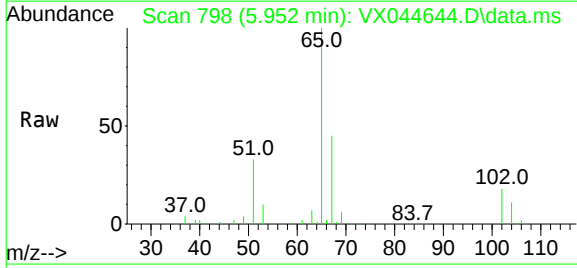
#27
1,2-Dichloroethane-d4
Concen: 29.766 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 65 Resp: 97686
Ion Ratio Lower Upper
65 100
67 48.4 39.1 58.7

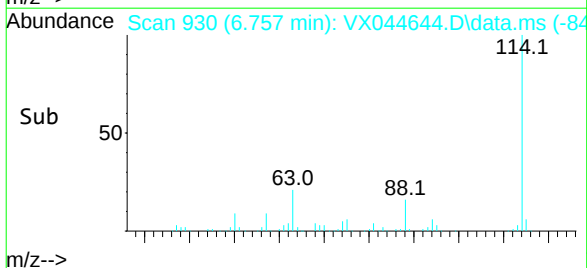
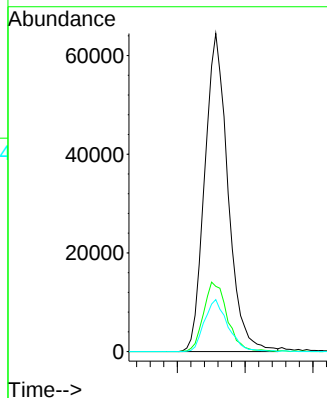
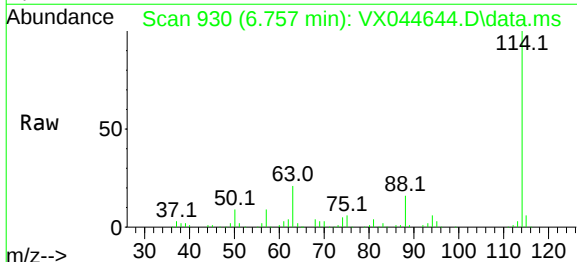
Manual Integrations
APPROVED

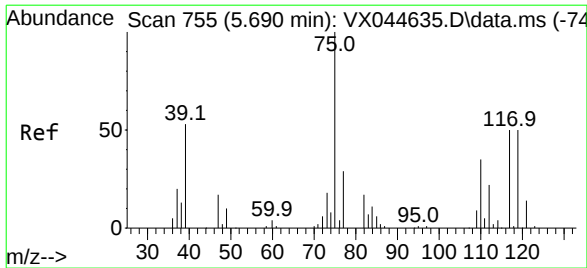
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

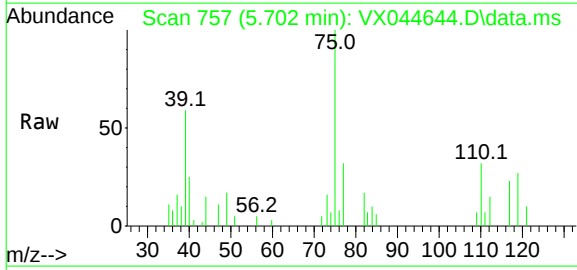
Tgt Ion:114 Resp: 153927
Ion Ratio Lower Upper
114 100
63 22.0 17.7 26.5
88 16.4 13.1 19.7





#29
1,1-Dichloropropene
Concen: 2.574 ug/l m
RT: 5.702 min Scan# 75
Delta R.T. 0.012 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

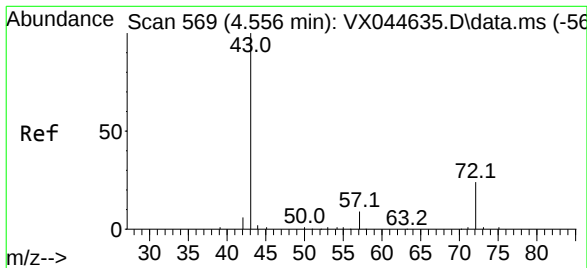
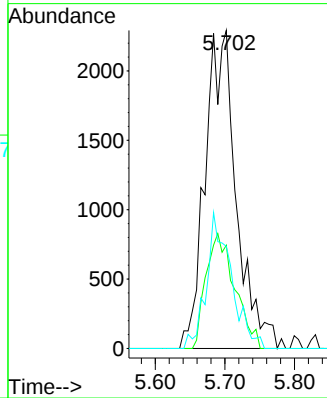
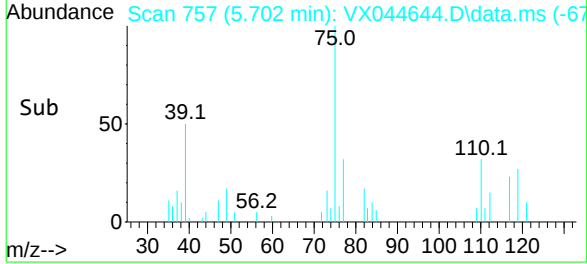
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 75 Resp: 7143
Ion Ratio Lower Upper
75 100
110 32.8 0.0 67.4
77 17.4 0.0 62.8

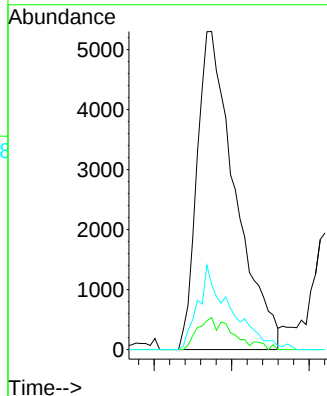
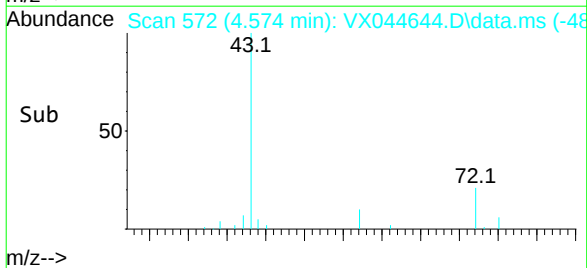
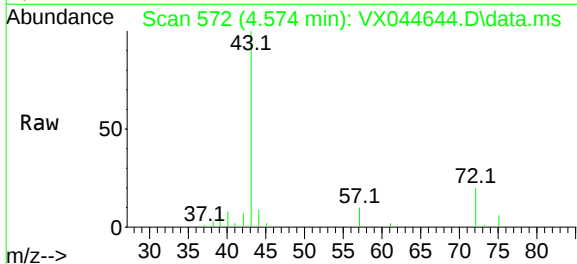
Manual Integrations
APPROVED

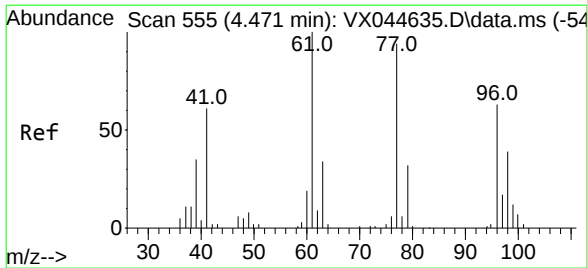
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#30
2-Butanone
Concen: 12.578 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.018 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

Tgt Ion: 43 Resp: 18118
Ion Ratio Lower Upper
43 100
57 4.9 6.4 9.6#
72 13.4 19.4 29.2#





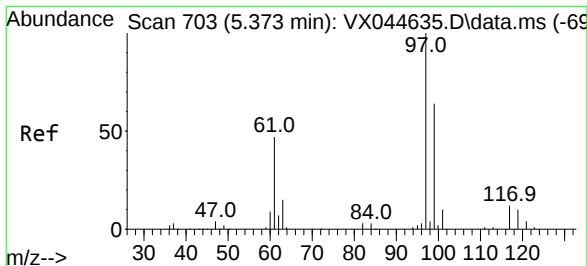
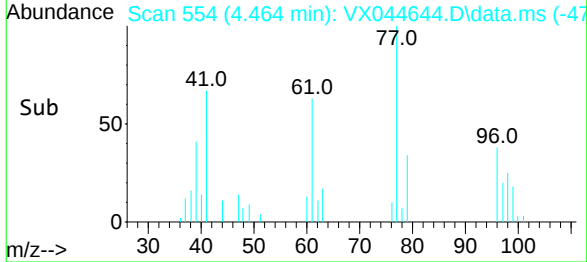
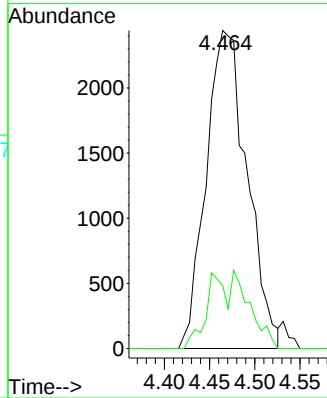
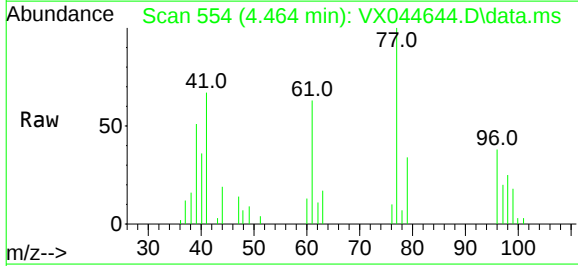
#31
2,2-Dichloropropane
Concen: 2.366 ug/l
RT: 4.464 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 77 Resp: 7680
Ion Ratio Lower Upper
77 100
97 11.5 9.3 13.9

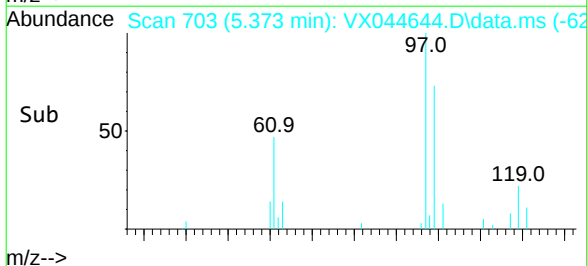
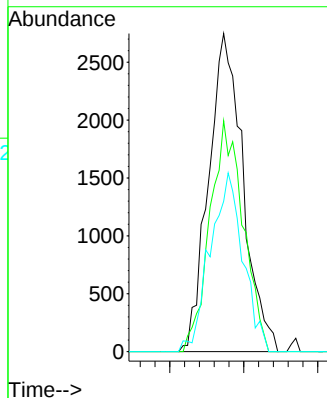
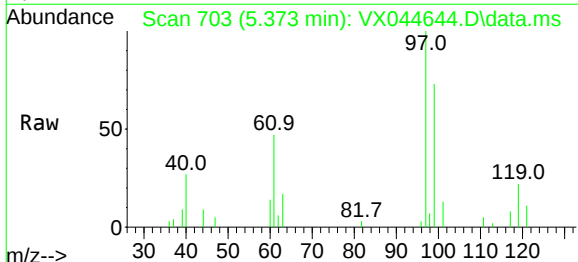
Manual Integrations
APPROVED

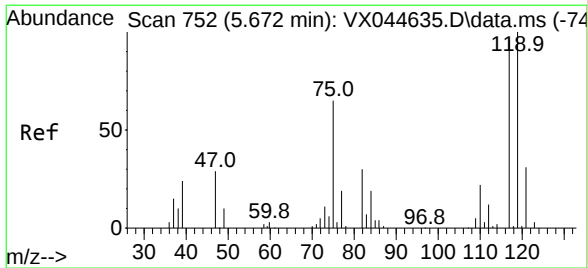
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#32
1,1,1-Trichloroethane
Concen: 2.316 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

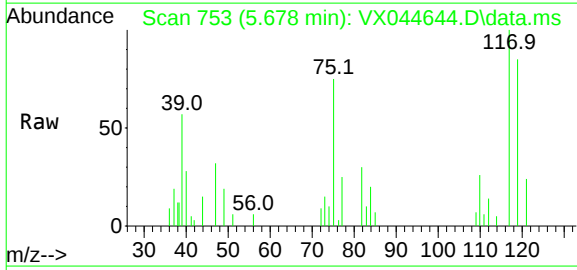
Tgt Ion: 97 Resp: 8869
Ion Ratio Lower Upper
97 100
99 70.4 50.2 75.4
61 47.7 37.4 56.0





#33
Carbon Tetrachloride
Concen: 2.196 ug/l m
RT: 5.678 min Scan# 75
Delta R.T. 0.006 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

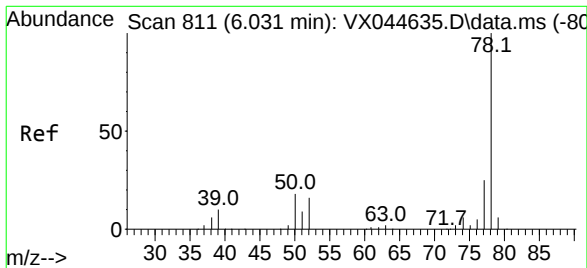
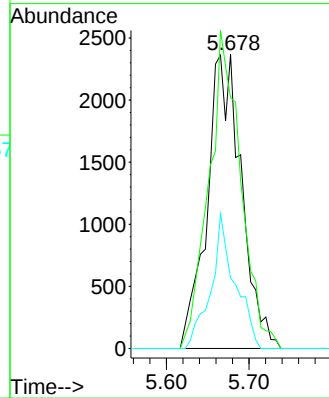
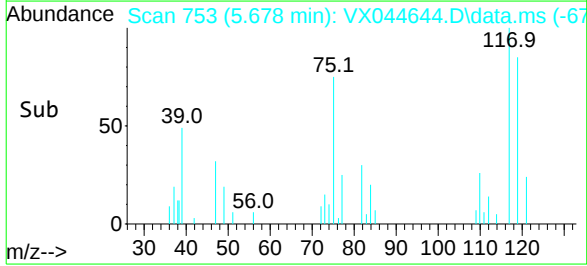
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 117 Resp: 6848
Ion Ratio Lower Upper
117 100
119 85.1 83.0 124.6
121 23.9 25.6 38.4#

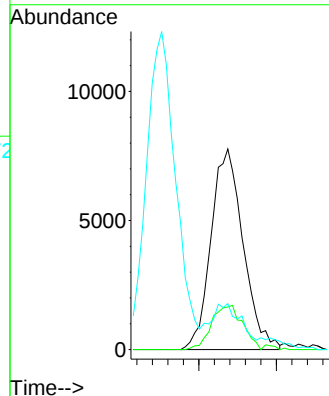
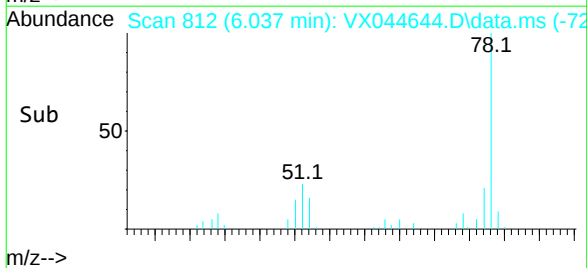
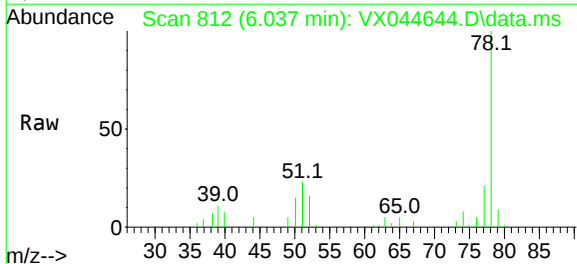
Manual Integrations
APPROVED

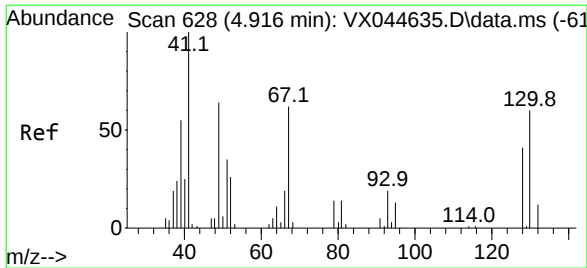
Reviewed By : John Carlone 01/09/2025
Supervised By : Semsettin Yesilyurt 01/09/2025



#34
Benzene
Concen: 2.584 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

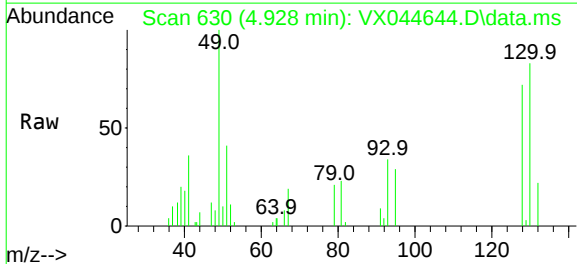
Tgt Ion: 78 Resp: 22337
Ion Ratio Lower Upper
78 100
77 21.2 19.8 29.6
51 18.7 14.5 21.7





#35
Methacrylonitrile
Concen: 2.080 ug/l m
RT: 4.928 min Scan# 63
Delta R.T. 0.012 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

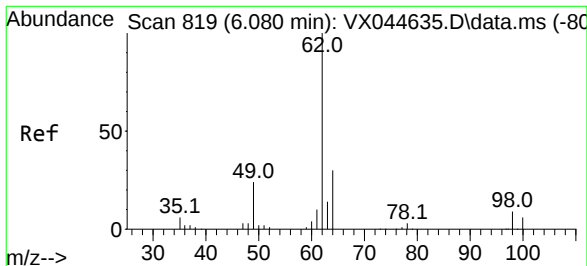
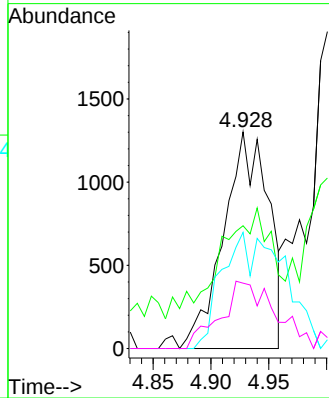
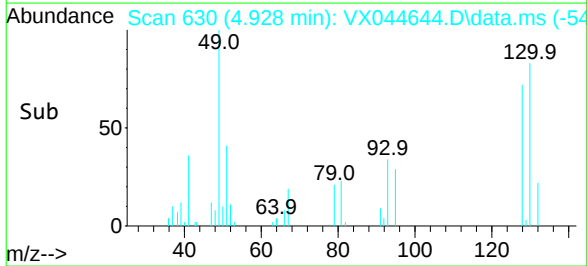
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 41 Resp: 3522
Ion Ratio Lower Upper
41 100
39 56.7 27.7 83.0
67 53.6 31.1 93.3
52 30.2 13.1 39.1

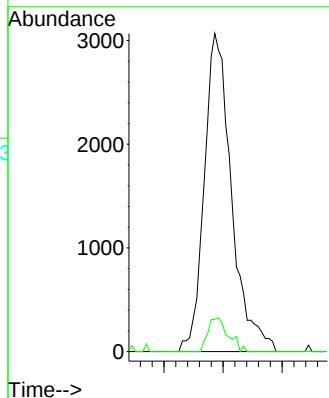
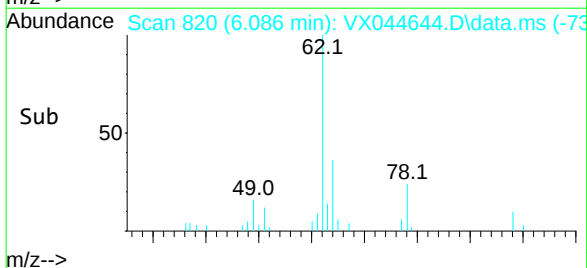
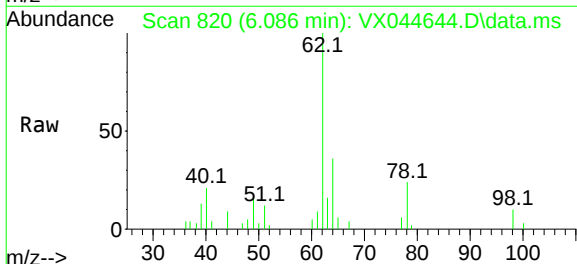
Manual Integrations
APPROVED

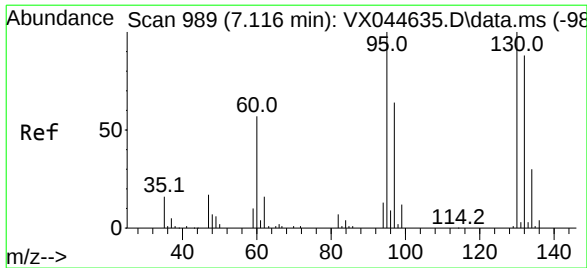
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#36
1,2-Dichloroethane
Concen: 2.721 ug/l m
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

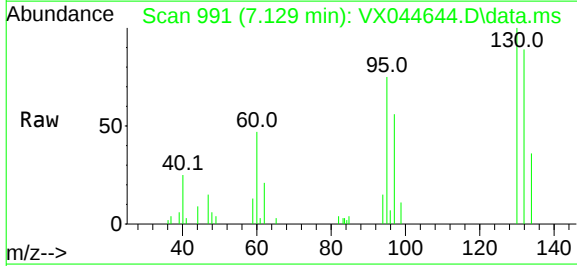
Tgt Ion: 62 Resp: 9832
Ion Ratio Lower Upper
62 100
98 7.1 6.7 10.1





#37
Trichloroethene
Concen: 2.486 ug/l
RT: 7.129 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

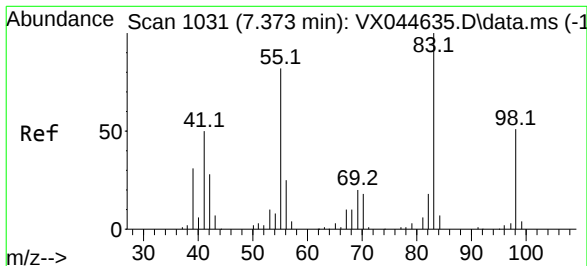
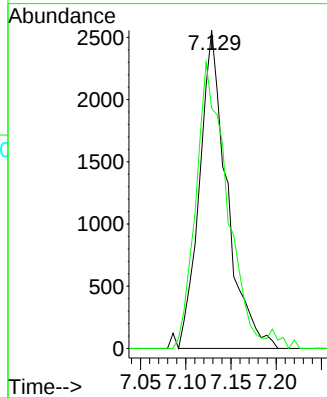
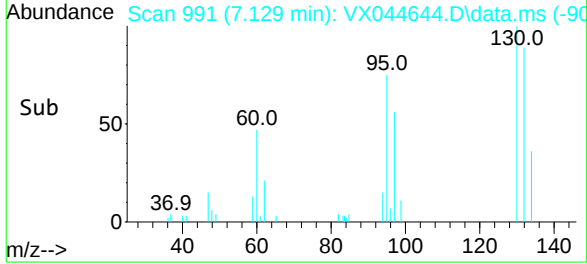
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 130 Resp: 5374
Ion Ratio Lower Upper
130 100
95 72.8 80.2 120.4#

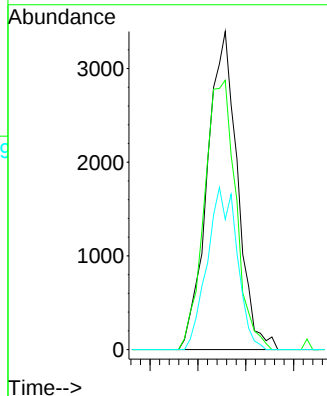
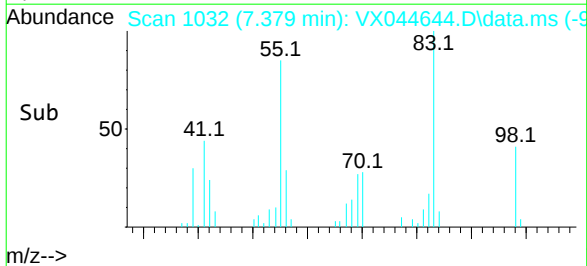
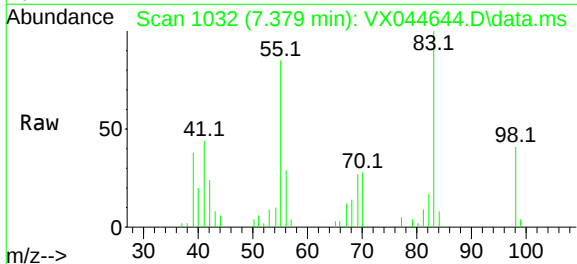
Manual Integrations
APPROVED

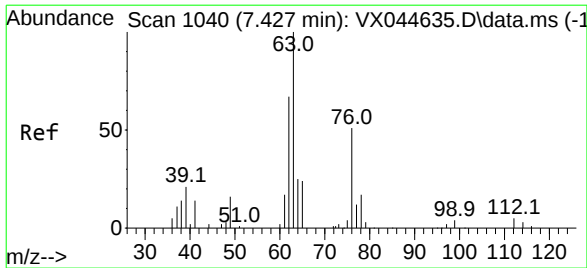
Reviewed By : John Carlone 01/09/2025
Supervised By : Semsettin Yesilyurt 01/09/2025



#38
Methylcyclohexane
Concen: 2.161 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

Tgt Ion: 83 Resp: 7472
Ion Ratio Lower Upper
83 100
55 87.9 40.0 120.0
98 50.2 24.4 73.2





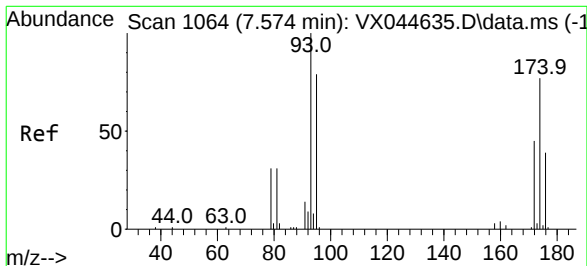
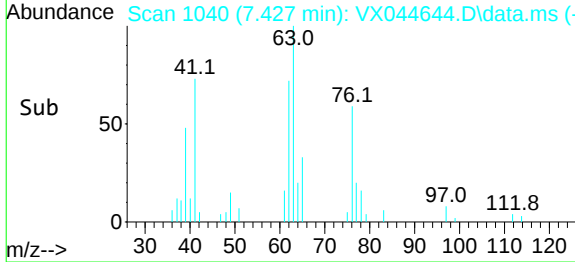
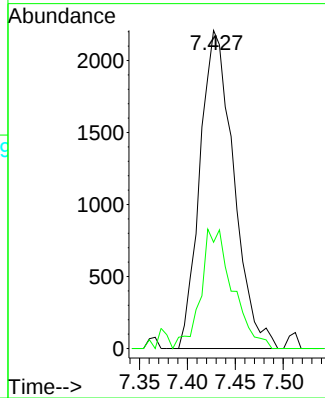
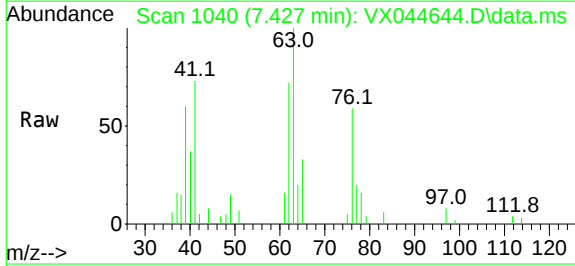
#39
1,2-Dichloropropane
Concen: 2.522 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 63 Resp: 5418
Ion Ratio Lower Upper
63 100
65 33.4 21.4 32.0#

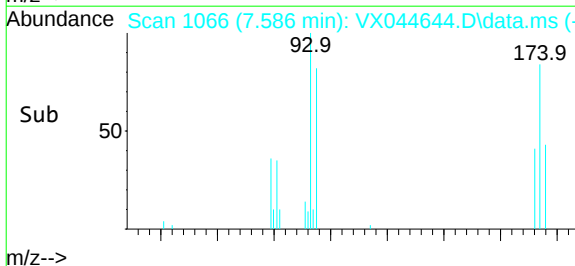
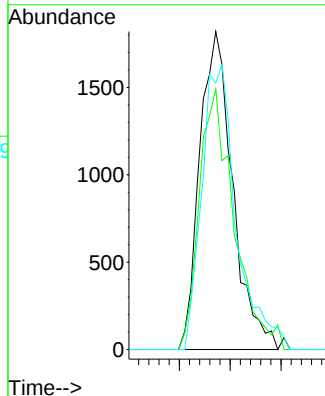
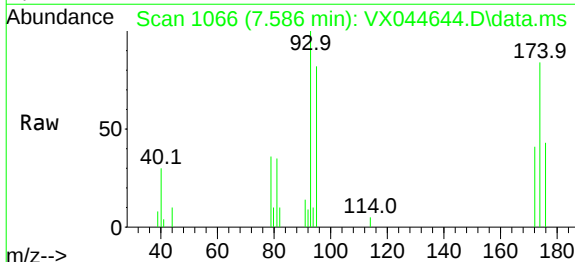
Manual Integrations
APPROVED

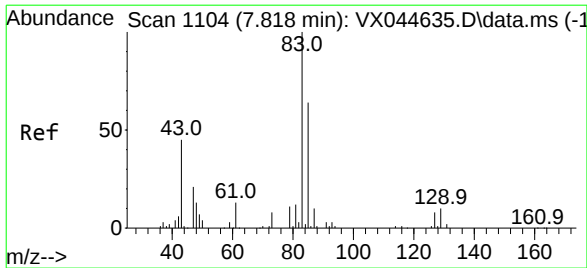
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#40
Dibromomethane
Concen: 2.437 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.012 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

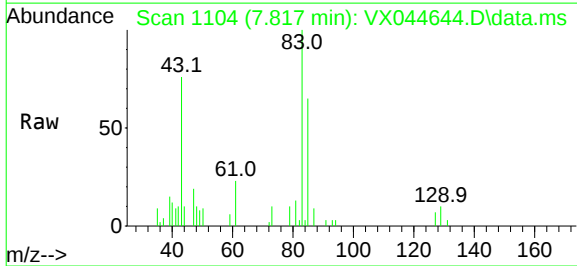
Tgt Ion: 93 Resp: 4106
Ion Ratio Lower Upper
93 100
95 84.8 0.0 165.2
174 93.5 0.0 176.2





#41
Bromodichloromethane
Concen: 2.344 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

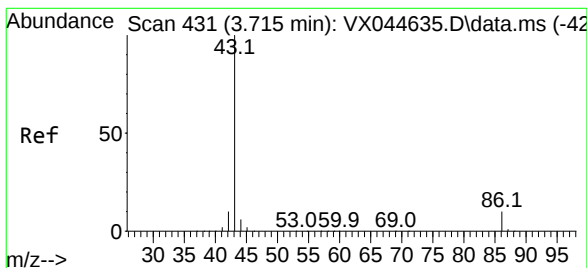
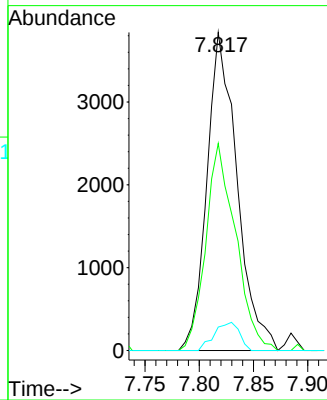
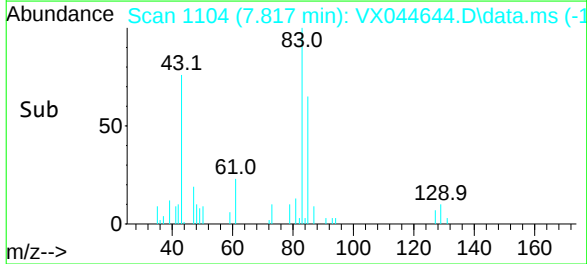
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 83 Resp: 7419
Ion Ratio Lower Upper
83 100
85 65.1 50.8 76.2
127 7.4 6.6 9.8

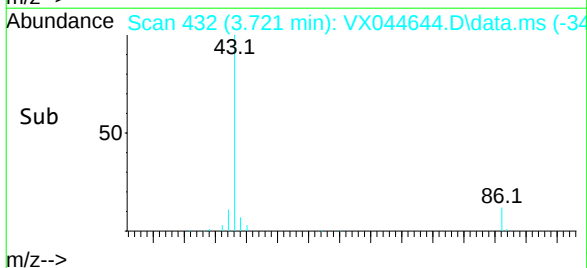
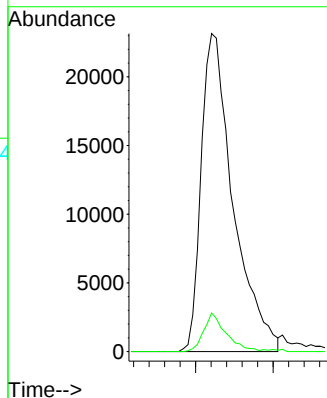
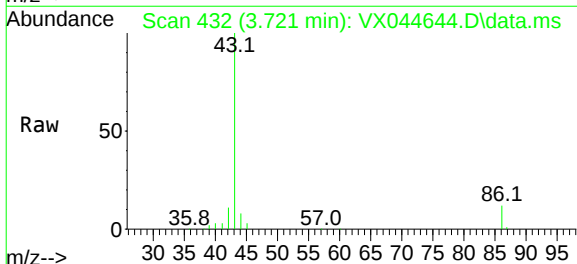
Manual Integrations
APPROVED

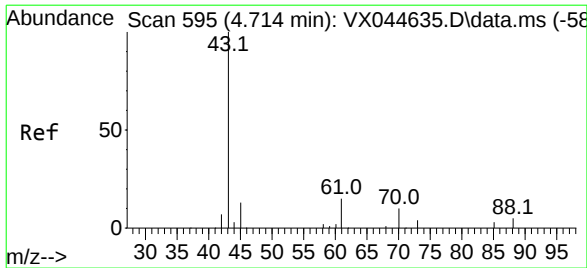
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#42
Vinyl Acetate
Concen: 10.945 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.006 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

Tgt Ion: 43 Resp: 66319
Ion Ratio Lower Upper
43 100
86 8.5 7.1 10.7





#43

Ethyl Acetate

Concen: 2.437 ug/l m

RT: 4.727 min Scan# 59

Delta R.T. 0.012 min

Lab File: VX044644.D

Acq: 09 Jan 2025 04:42

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

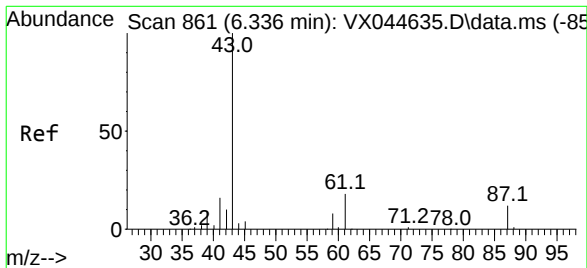
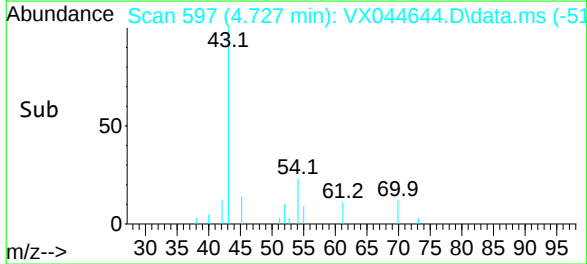
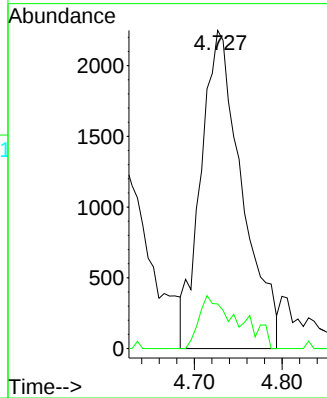
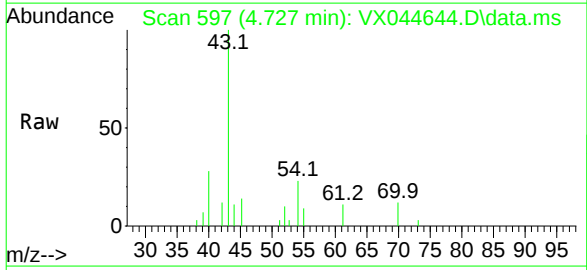
Tgt Ion	Ratio	Lower	Upper
43	100		
45	11.8	6.7	10.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#44

Isopropyl Acetate

Concen: 2.399 ug/l

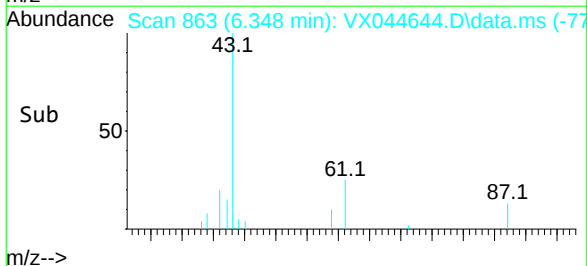
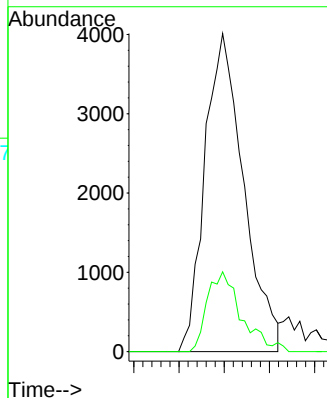
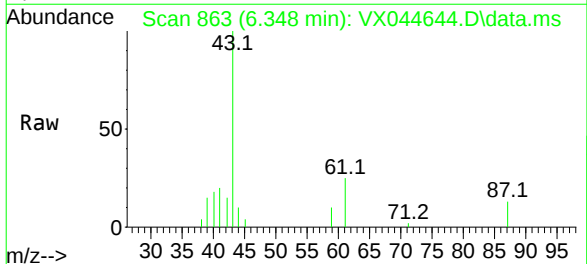
RT: 6.348 min Scan# 863

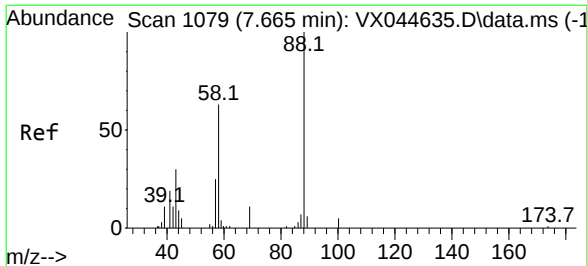
Delta R.T. 0.012 min

Lab File: VX044644.D

Acq: 09 Jan 2025 04:42

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.4	14.2	21.2





#45

1,4-Dioxane

Concen: 62.002 ug/l

RT: 7.677 min Scan# 1079

Delta R.T. 0.012 min

Lab File: VX044644.D

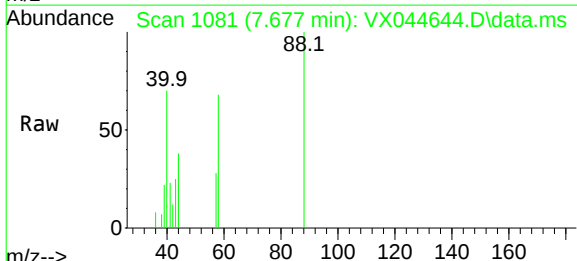
Acq: 09 Jan 2025 04:42

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024



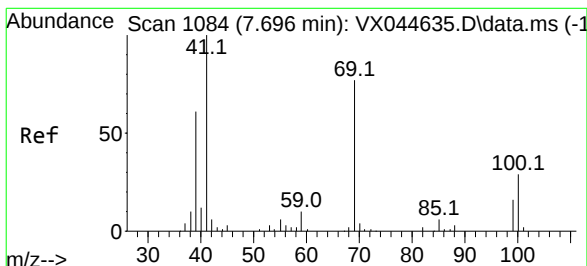
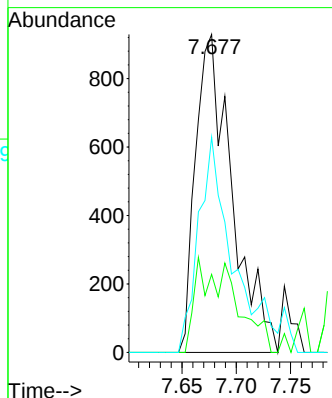
Tgt Ion:	88	Resp:	2165
Ion	Ratio	Lower	Upper
88	100		
43	5.9	31.0	46.4
58	56.7	56.6	84.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#46

Methyl methacrylate

Concen: 2.351 ug/l

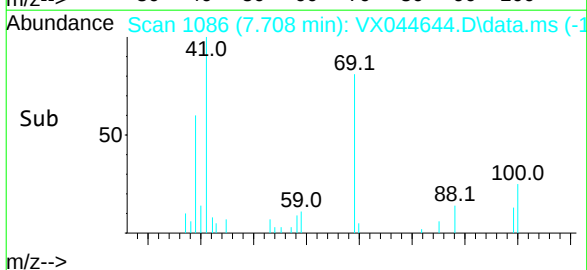
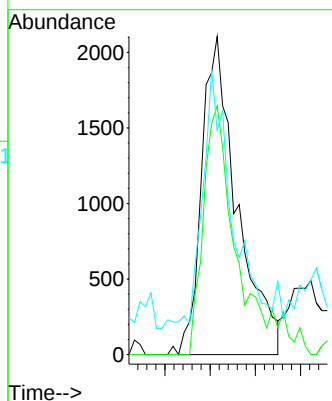
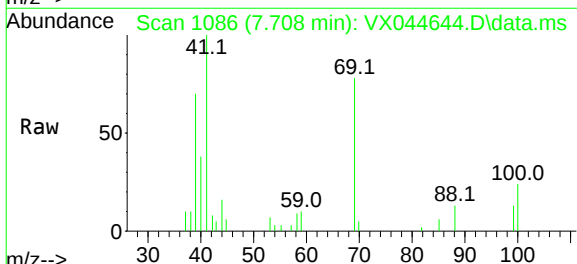
RT: 7.708 min Scan# 1086

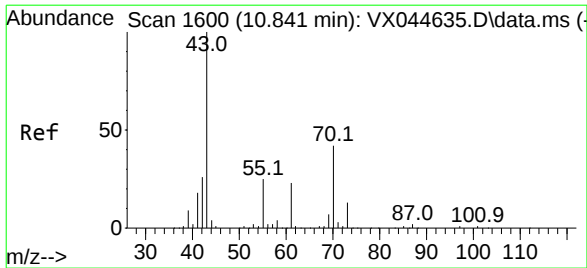
Delta R.T. 0.012 min

Lab File: VX044644.D

Acq: 09 Jan 2025 04:42

Tgt Ion:	41	Resp:	5711
Ion	Ratio	Lower	Upper
41	100		
69	78.2	38.6	115.8
39	60.2	30.7	92.1





#47

n-amy1 Acetate

Concen: 2.305 ug/l

RT: 10.847 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VX044644.D

Acq: 09 Jan 2025 04:42

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 43 Resp: 9316

Ion Ratio Lower Upper

43 100

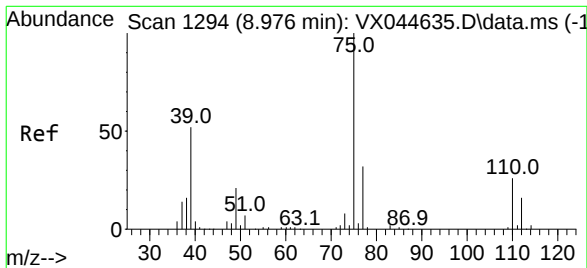
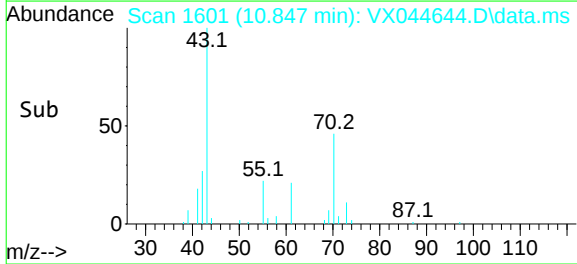
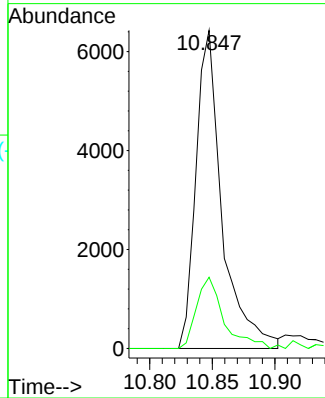
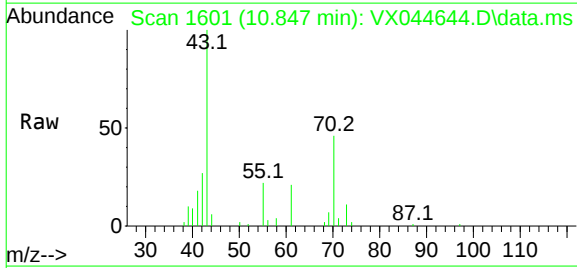
55 23.7 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#48

t-1,3-Dichloropropene

Concen: 2.064 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX044644.D

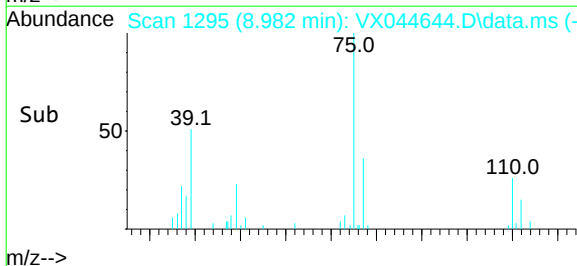
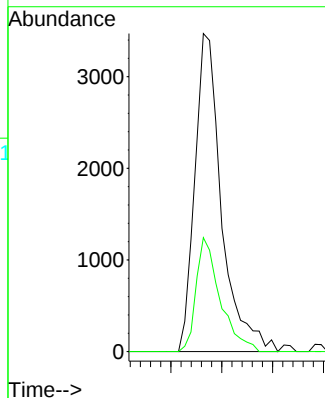
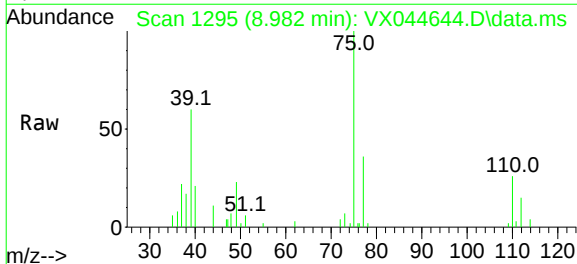
Acq: 09 Jan 2025 04:42

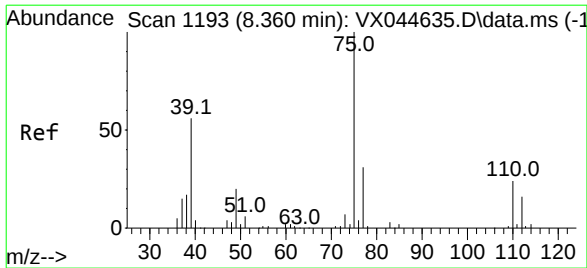
Tgt Ion: 75 Resp: 6323

Ion Ratio Lower Upper

75 100

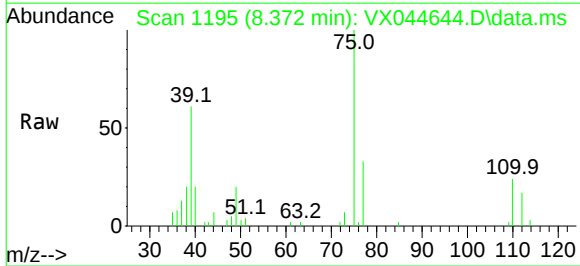
77 35.8 25.7 38.5





#49
cis-1,3-Dichloropropene
Concen: 2.054 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. 0.012 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

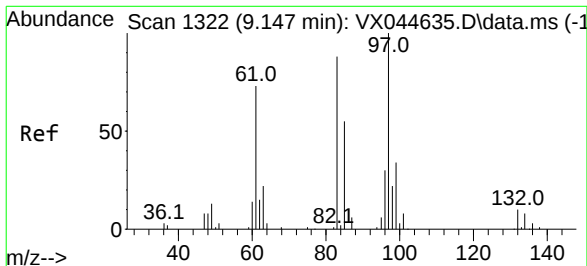
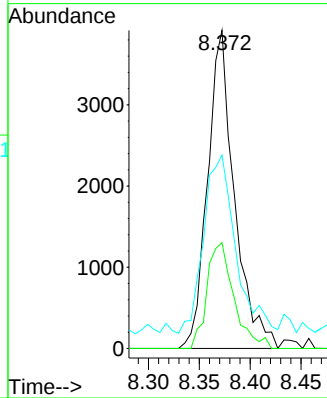
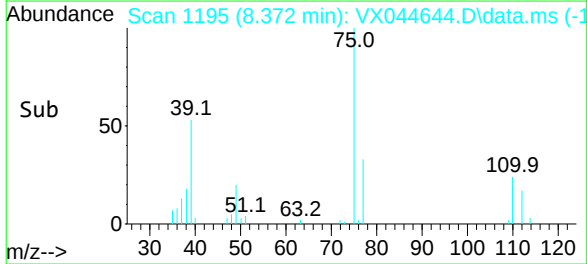
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



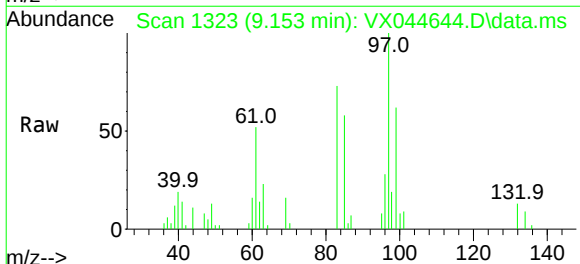
Tgt Ion: 75 Resp: 7182
Ion Ratio Lower Upper
75 100
77 33.2 25.1 37.7
39 56.0 44.8 67.2

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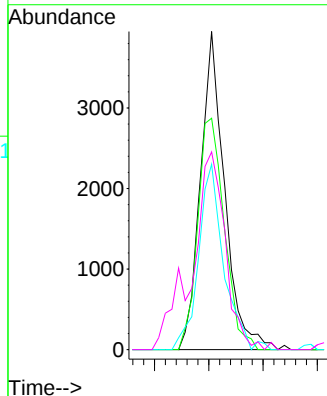
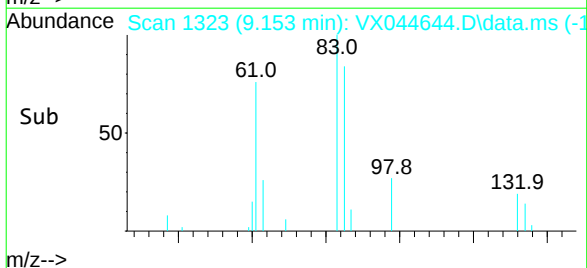
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

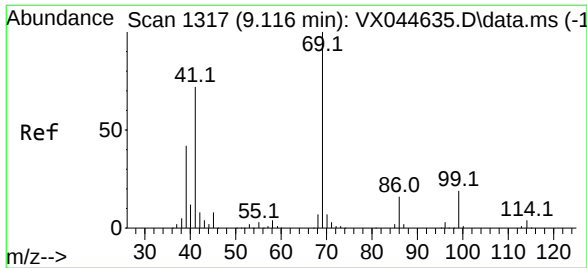


#50
1,1,2-Trichloroethane
Concen: 2.857 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42



Tgt Ion: 97 Resp: 6103
Ion Ratio Lower Upper
97 100
83 72.8 70.5 105.7
85 58.3 45.4 68.2
99 62.1 51.1 76.7





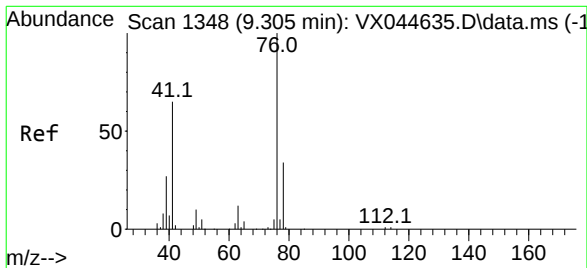
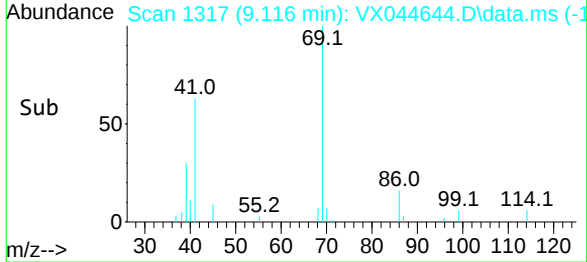
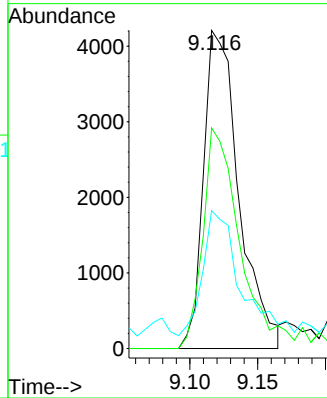
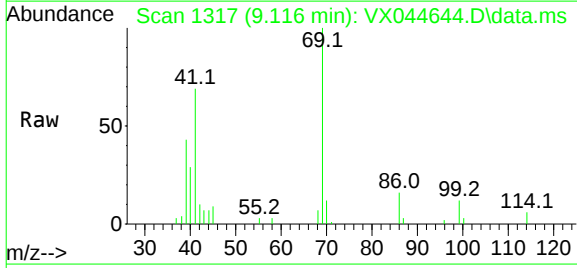
#51
Ethyl methacrylate
Concen: 2.345 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 69 Resp: 7652
Ion Ratio Lower Upper
69 100
41 69.4 35.8 107.4
39 39.3 21.0 63.0

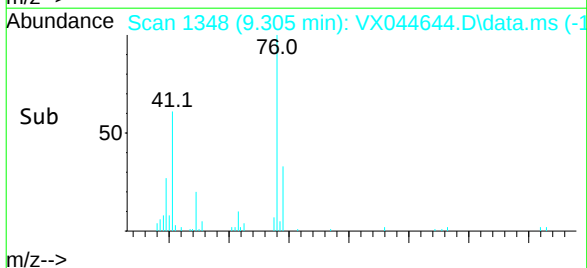
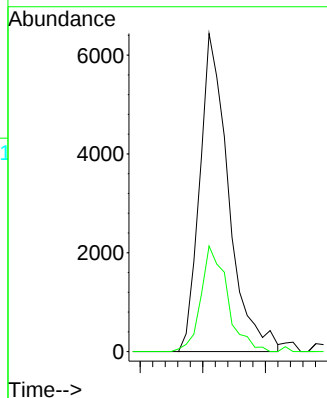
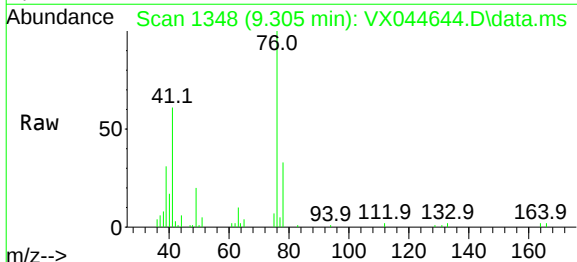
Manual Integrations
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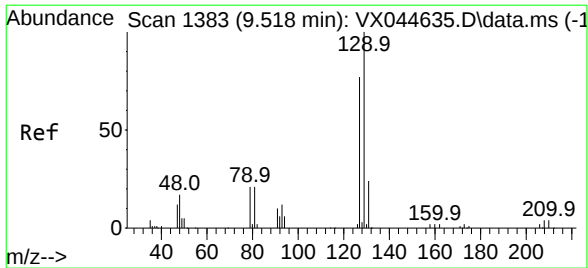
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#52
1,3-Dichloropropane
Concen: 2.810 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

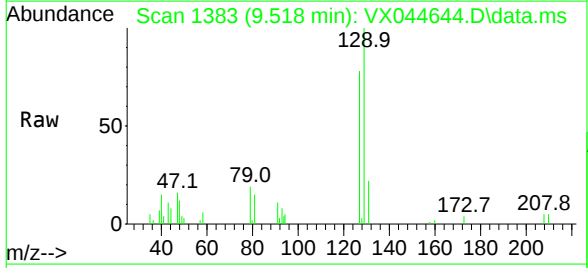
Tgt Ion: 76 Resp: 10287
Ion Ratio Lower Upper
76 100
78 30.6 0.0 66.0





#53
Dibromochloromethane
Concen: 2.188 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

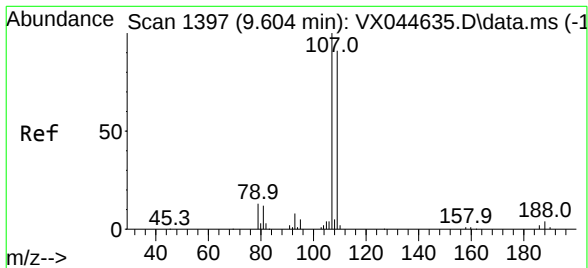
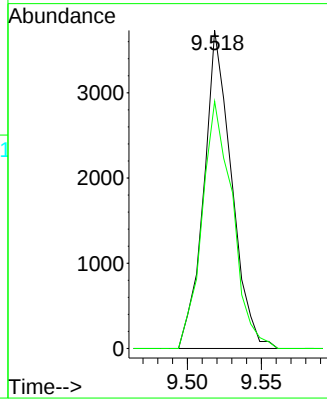
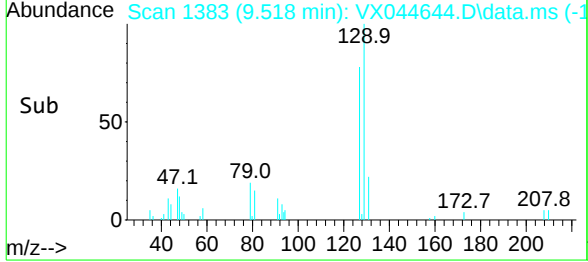
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



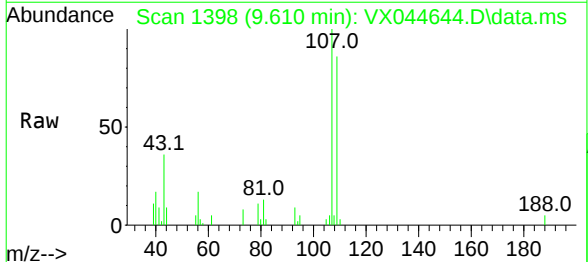
Tgt Ion:129 Resp: 4862
Ion Ratio Lower Upper
129 100
127 85.3 39.0 116.9

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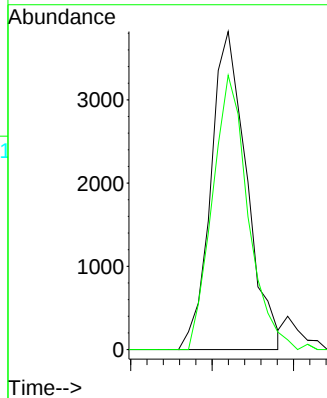
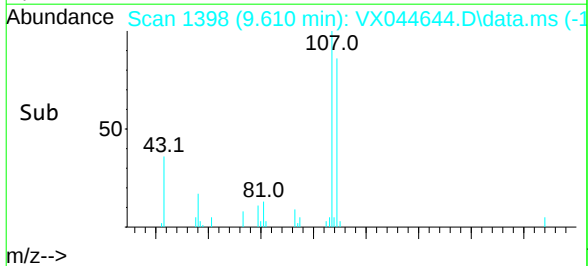
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

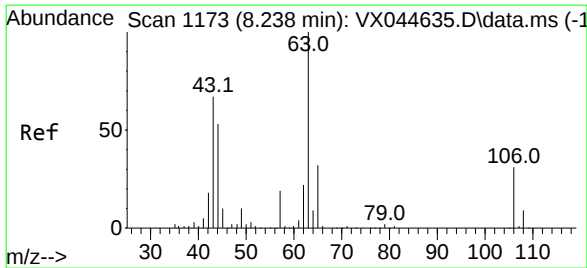


#54
1,2-Dibromoethane
Concen: 2.661 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42



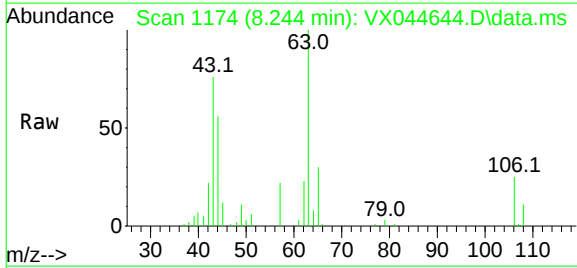
Tgt Ion:107 Resp: 5849
Ion Ratio Lower Upper
107 100
109 85.9 73.9 110.9





#55
2-Chloroethyl vinyl ether
Concen: 10.806 ug/l
RT: 8.244 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

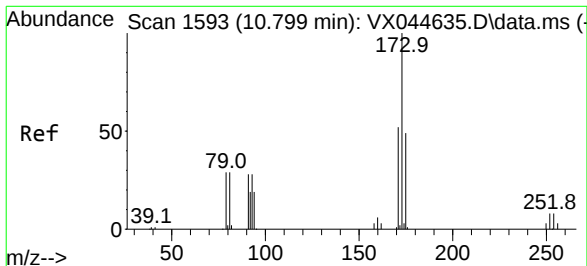
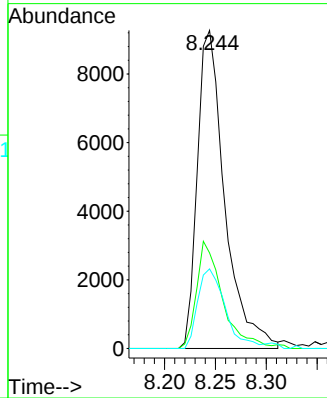
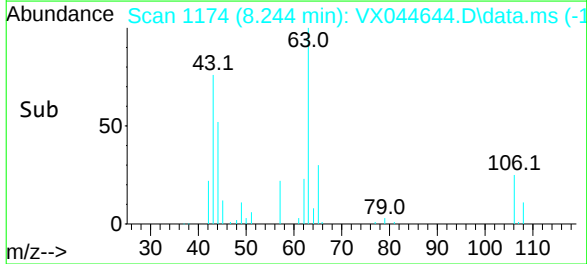
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 63 Resp: 17373
Ion Ratio Lower Upper
63 100
65 31.9 26.1 39.1
106 25.0 22.6 33.8

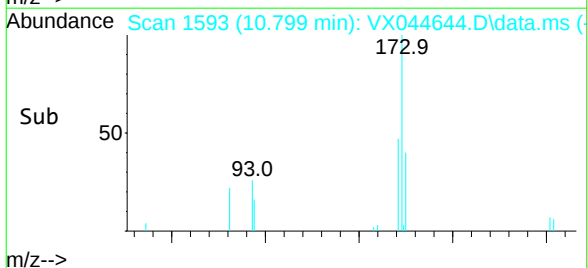
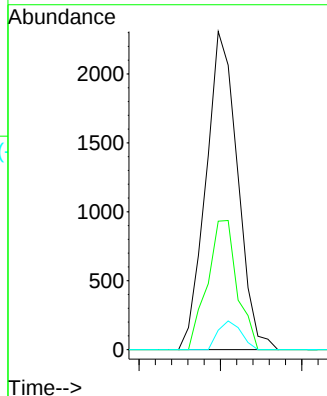
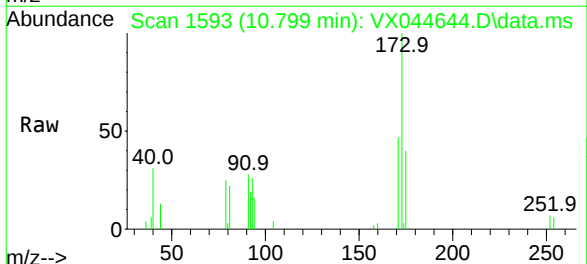
Manual Integrations
APPROVED

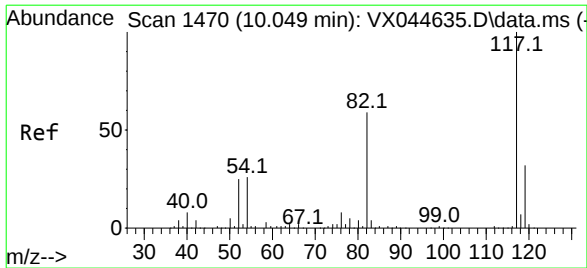
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#56
Bromoform
Concen: 2.271 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

Tgt Ion:173 Resp: 3112
Ion Ratio Lower Upper
173 100
175 38.1 39.1 58.7#
254 6.6 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: VX044644.D

Acq: 09 Jan 2025 04:42

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

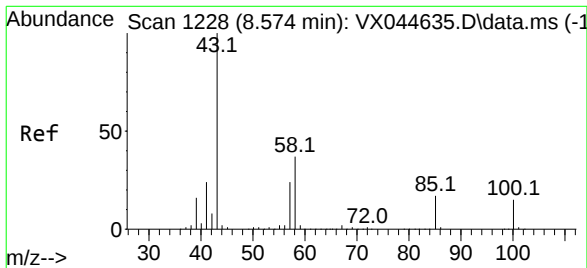
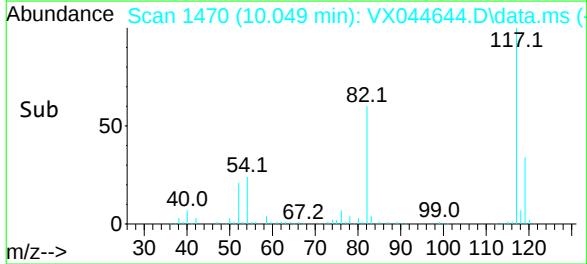
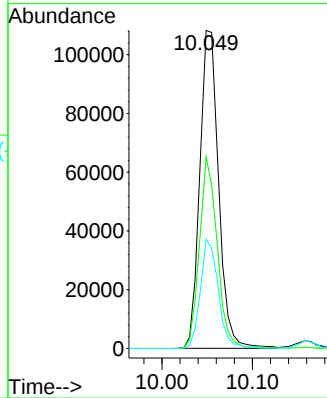
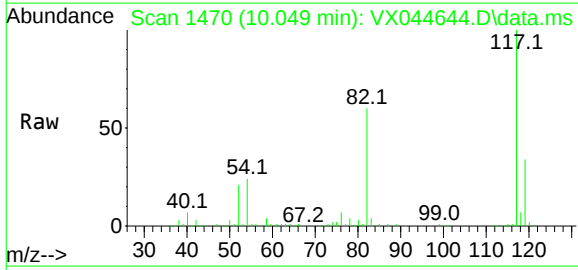
Tgt Ion:	117	Resp:	156801
Ion	Ratio	Lower	Upper
117	100		
82	56.4	46.2	69.4
119	32.7	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#58

4-Methyl-2-Pentanone

Concen: 11.026 ug/l

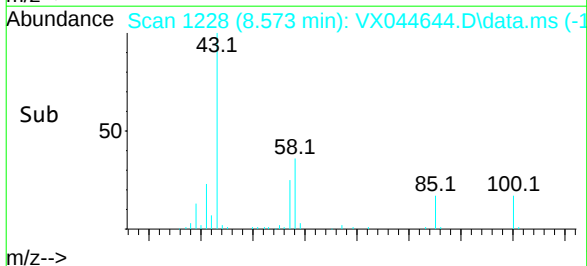
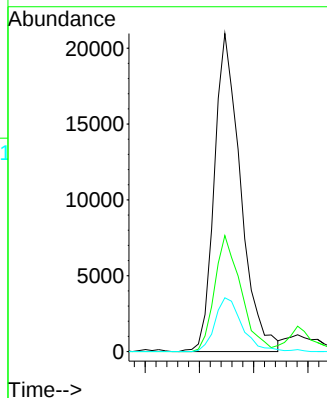
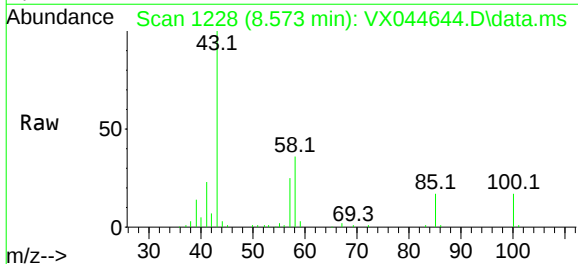
RT: 8.573 min Scan# 1228

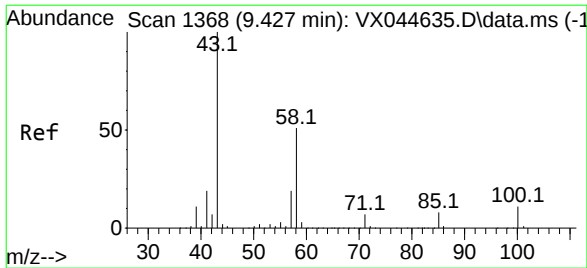
Delta R.T. -0.000 min

Lab File: VX044644.D

Acq: 09 Jan 2025 04:42

Tgt Ion:	43	Resp:	35259
Ion	Ratio	Lower	Upper
43	100		
58	36.6	29.4	44.0
85	17.4	13.4	20.2





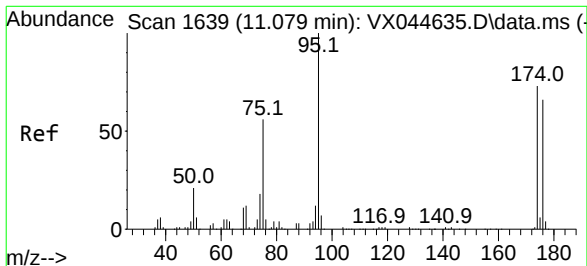
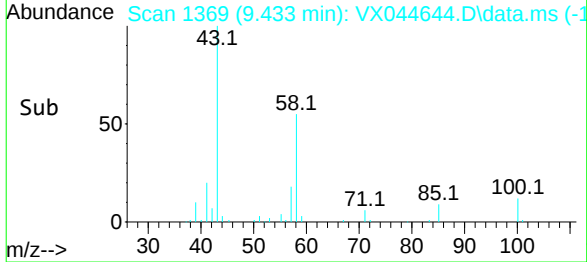
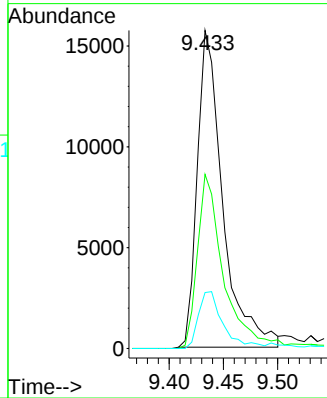
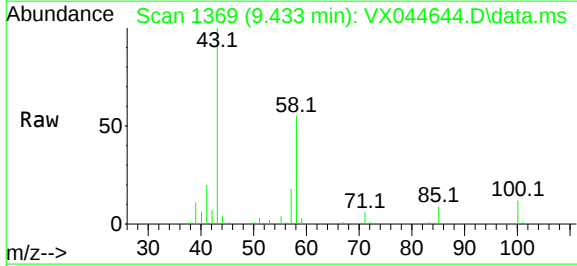
#59
2-Hexanone
Concen: 11.620 ug/l
RT: 9.433 min Scan# 1368
Delta R.T. 0.006 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 43	Resp: 25665
Ion Ratio	Lower Upper
43 100	
58 55.3	40.8 61.2
57 16.4	15.2 22.8

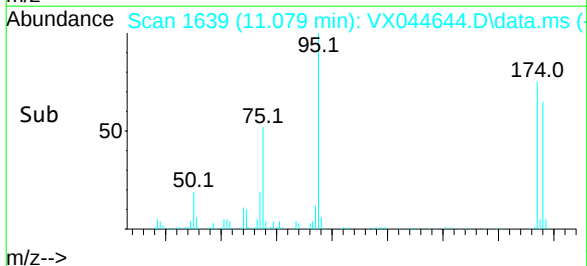
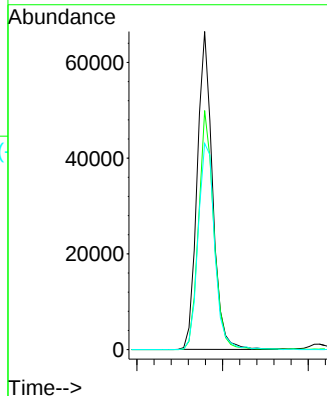
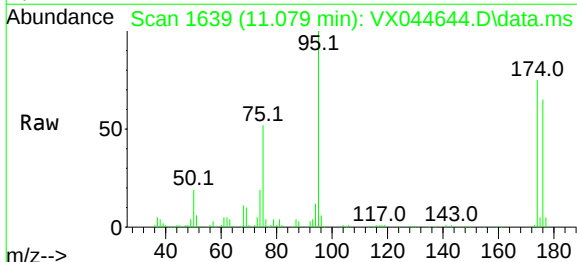
Manual Integrations
APPROVED

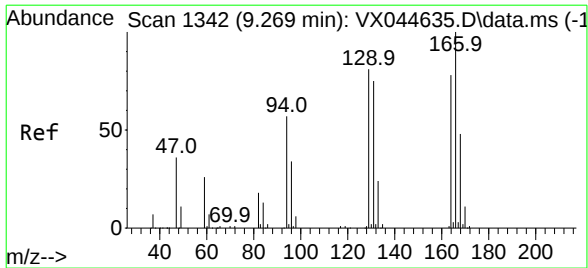
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#60
4-Bromofluorobenzene
Concen: 28.232 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

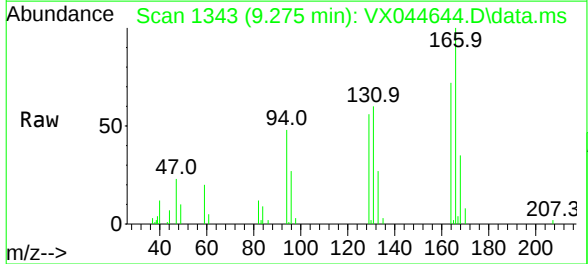
Tgt Ion: 95	Resp: 82645
Ion Ratio	Lower Upper
95 100	
174 74.0	58.6 88.0
176 69.8	55.2 82.8





#61
Tetrachloroethene
Concen: 2.855 ug/l
RT: 9.275 min Scan# 1342
Delta R.T. 0.006 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

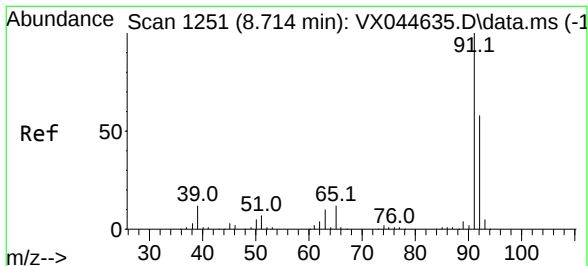
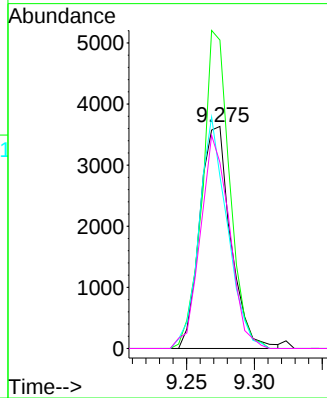
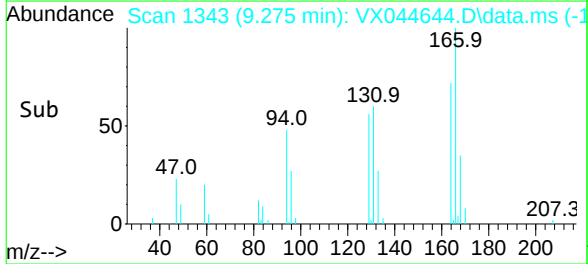
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 164 Resp: 5752
Ion Ratio Lower Upper
164 100
166 138.9 102.7 154.1
129 77.6 83.6 125.4#
131 83.8 77.4 116.0

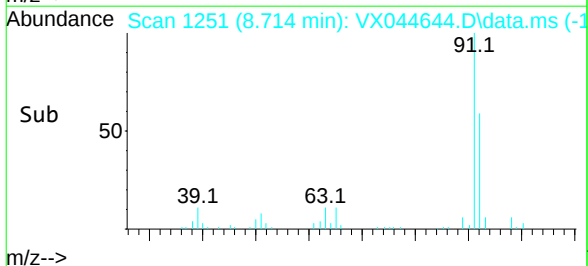
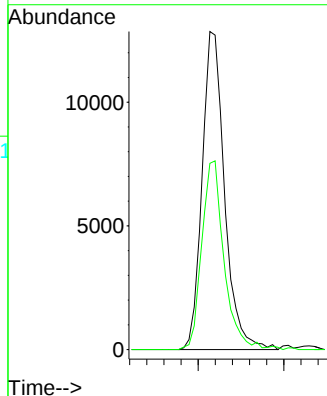
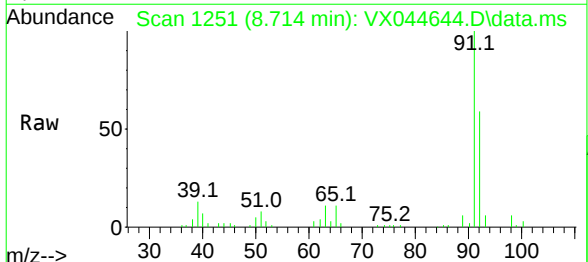
Manual Integrations
APPROVED

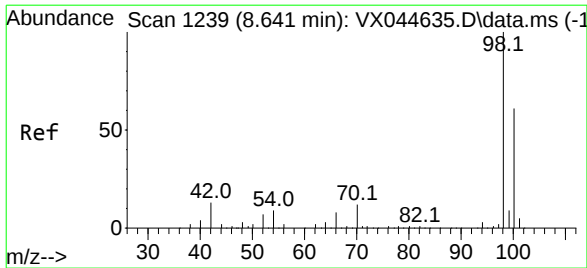
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#62
Toluene
Concen: 2.268 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

Tgt Ion: 91 Resp: 23399
Ion Ratio Lower Upper
91 100
92 57.9 46.4 69.6





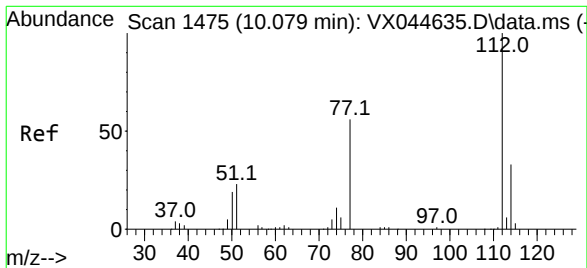
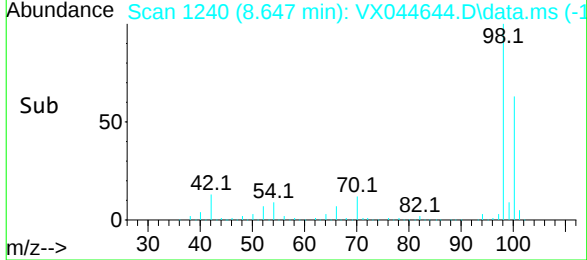
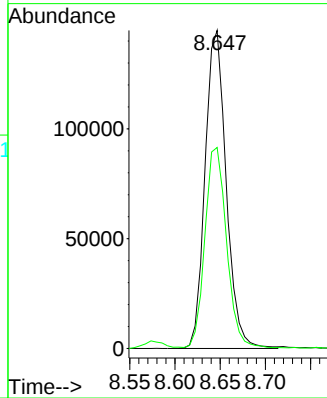
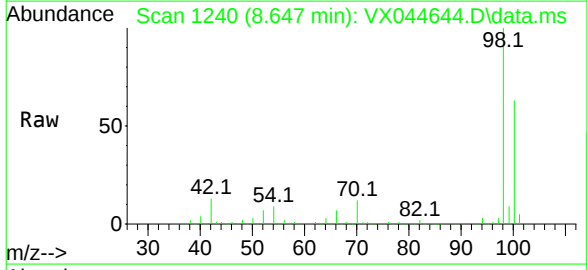
#63
Toluene-d8
Concen: 26.852 ug/l
RT: 8.647 min Scan# 1239
Delta R.T. 0.006 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 98 Resp: 235418
Ion Ratio Lower Upper
98 100
100 65.3 51.6 77.4

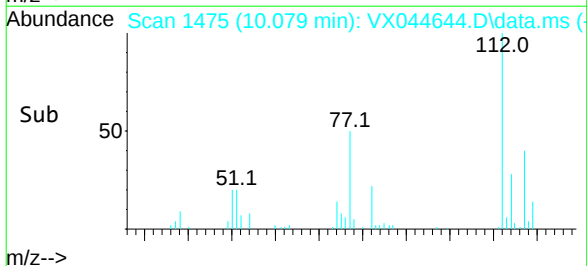
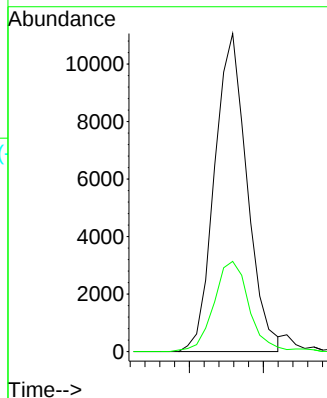
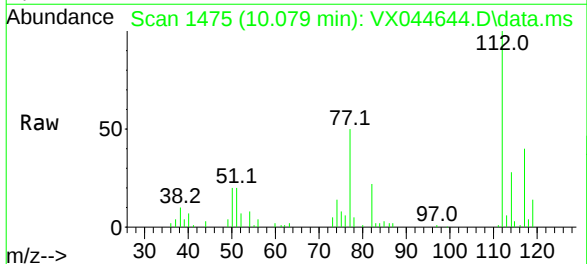
Manual Integrations
APPROVED

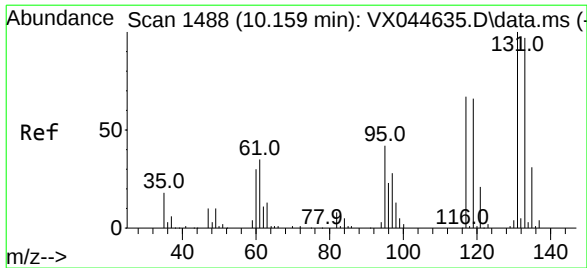
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#64
Chlorobenzene
Concen: 2.641 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

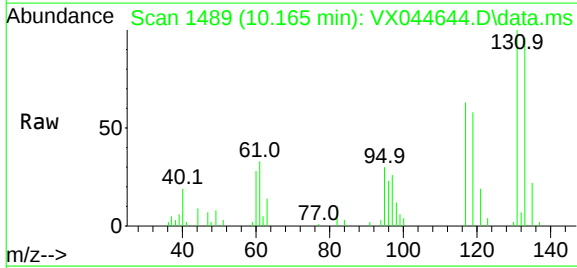
Tgt Ion:112 Resp: 16914
Ion Ratio Lower Upper
112 100
114 27.9 26.4 39.6





#65
1,1,1,2-Tetrachloroethane
Concen: 2.442 ug/l
RT: 10.165 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

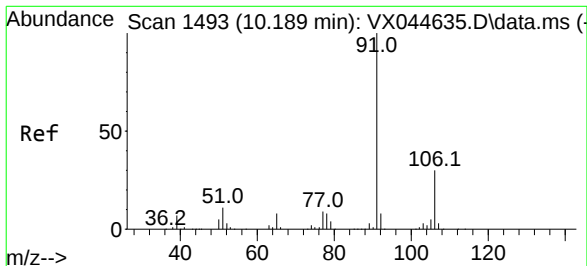
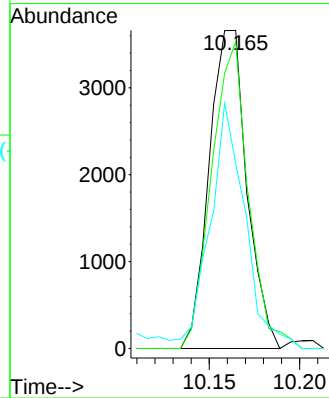
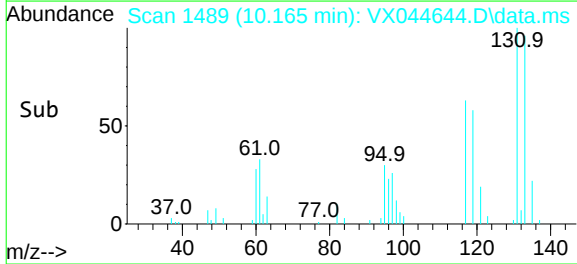
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 131 Resp: 5310
Ion Ratio Lower Upper
131 100
133 93.4 0.0 194.0
119 71.5 0.0 132.0

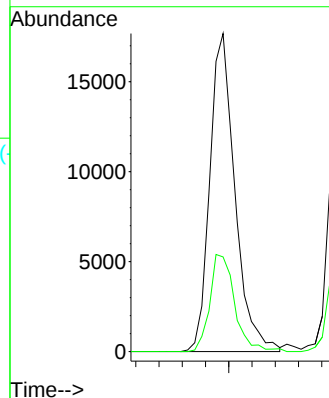
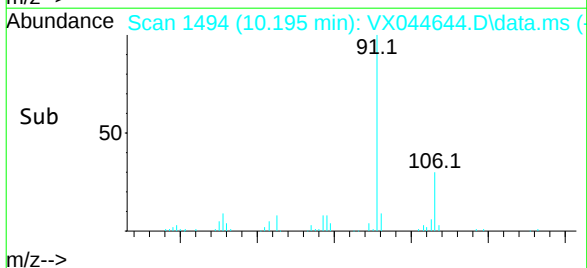
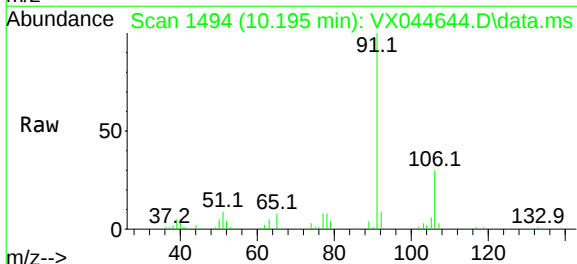
Manual Integrations
APPROVED

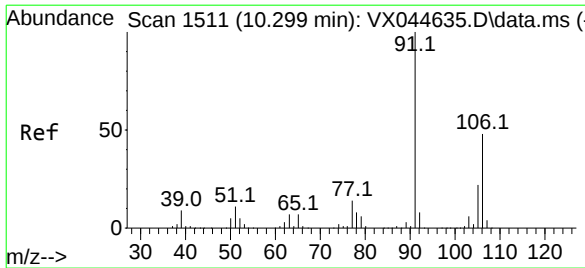
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#66
Ethyl Benzene
Concen: 2.393 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

Tgt Ion: 91 Resp: 26547
Ion Ratio Lower Upper
91 100
106 29.8 24.1 36.1





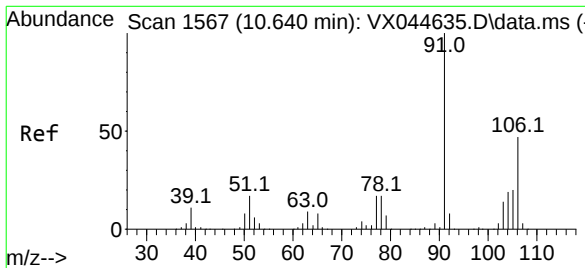
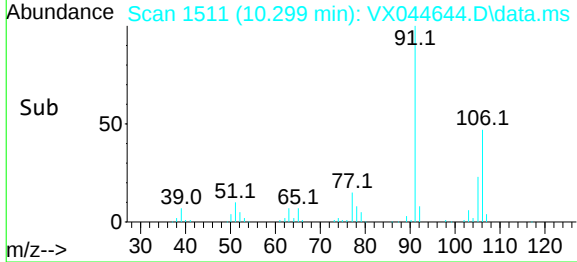
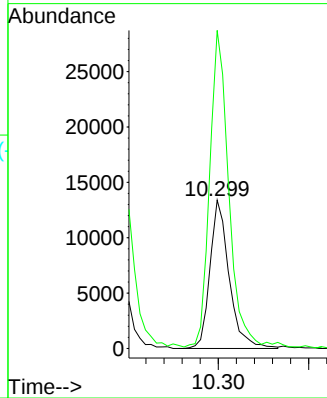
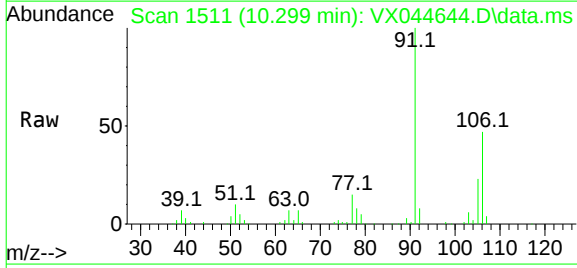
#67
m/p-Xylenes
Concen: 4.741 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:106 Resp: 19780
Ion Ratio Lower Upper
106 100
91 209.3 167.9 251.9

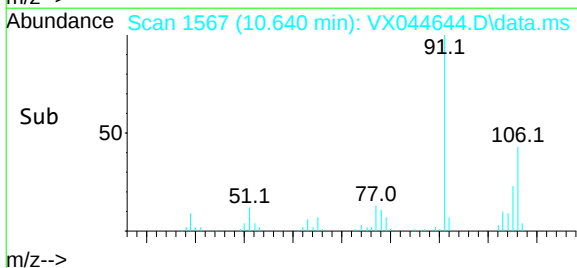
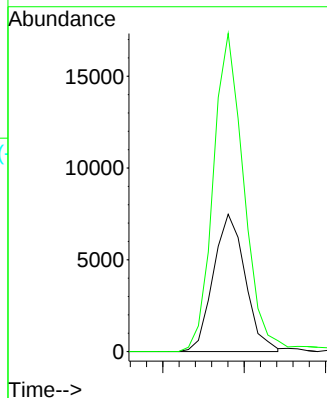
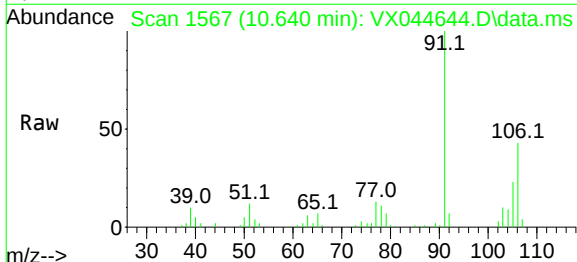
Manual Integrations
APPROVED

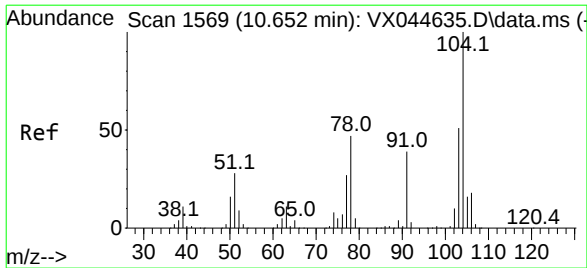
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#68
o-Xylene
Concen: 2.510 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

Tgt Ion:106 Resp: 10219
Ion Ratio Lower Upper
106 100
91 220.8 112.3 336.9





#69

Styrene

Concen: 2.267 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX044644.D

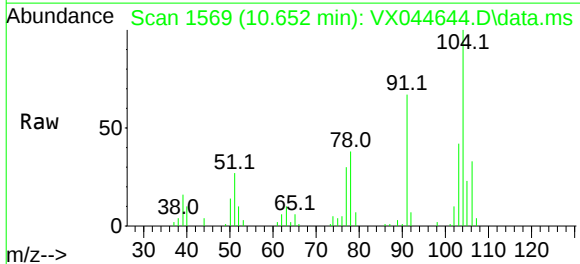
Acq: 09 Jan 2025 04:42

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024



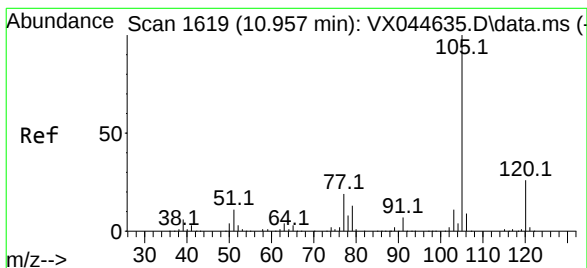
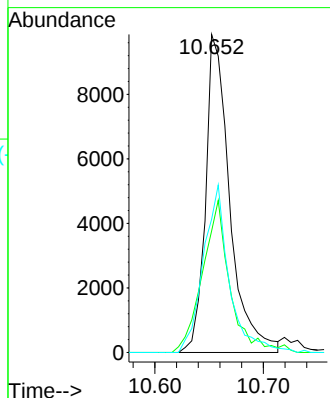
Tgt Ion:	104	Resp:	15333
Ion Ratio	Lower	Upper	
104	100		
78	53.6	43.7	65.5
103	56.3	43.7	65.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#70

Isopropylbenzene

Concen: 2.339 ug/l

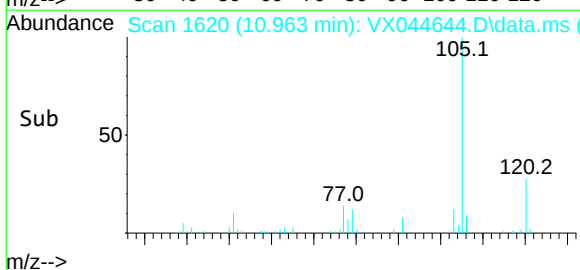
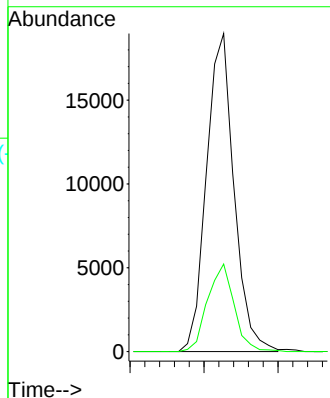
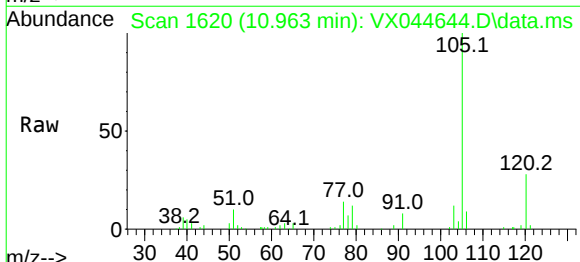
RT: 10.963 min Scan# 1620

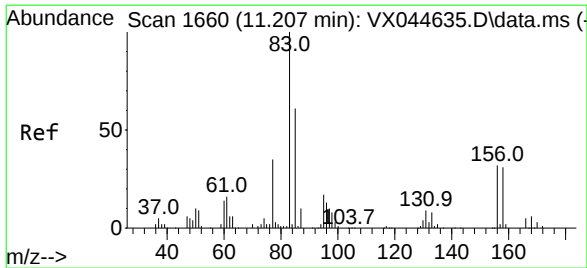
Delta R.T. 0.006 min

Lab File: VX044644.D

Acq: 09 Jan 2025 04:42

Tgt Ion:	105	Resp:	24550
Ion Ratio	Lower	Upper	
105	100		
120	26.5	17.5	32.5





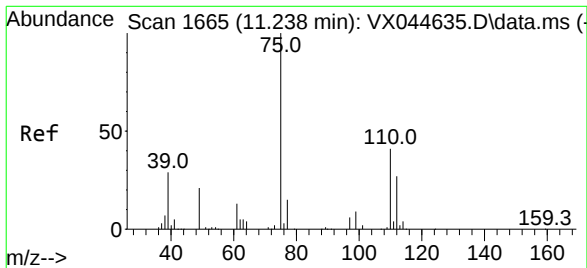
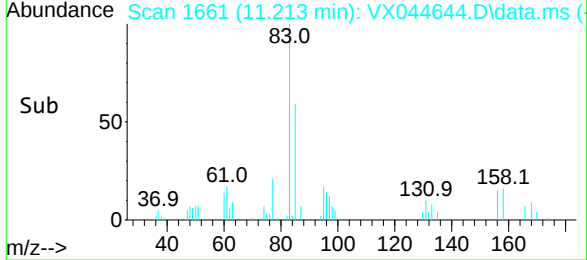
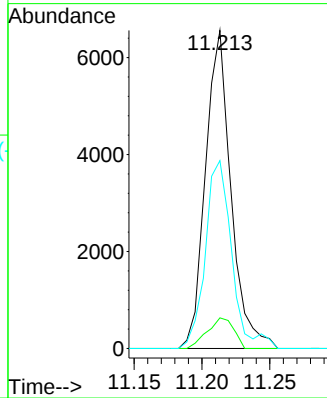
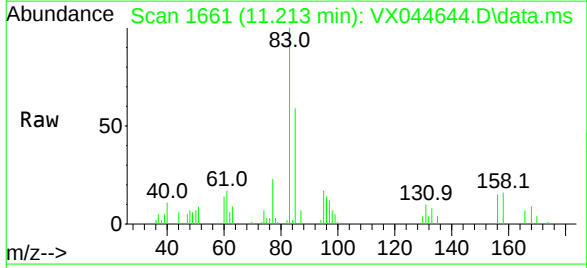
#71
1,1,2,2-Tetrachloroethane
Concen: 2.626 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:	83	Resp:	8578
Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.3	15.8
85	59.1	32.0	96.0

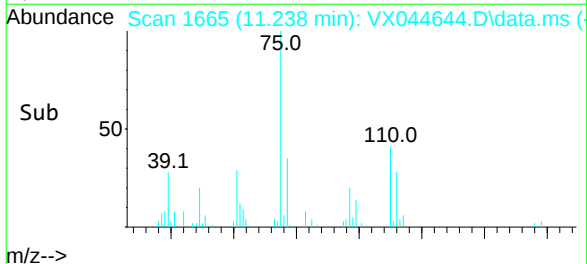
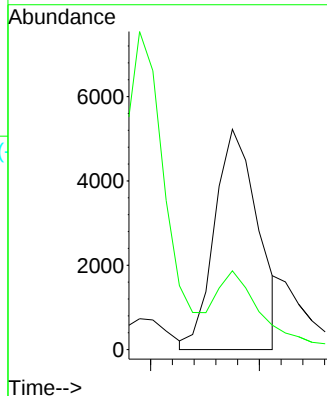
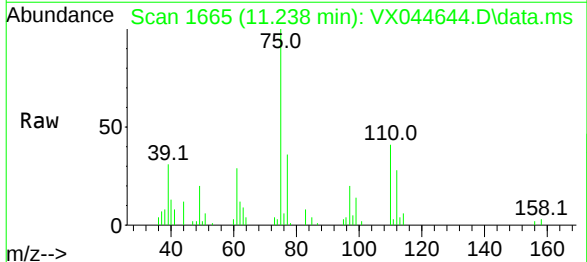
Manual Integrations
APPROVED

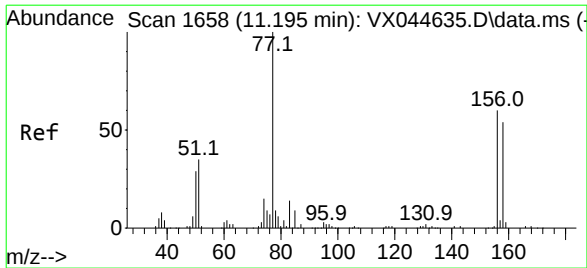
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#72
1,2,3-Trichloropropane
Concen: 2.552 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

Tgt Ion:	75	Resp:	7273
Ion	Ratio	Lower	Upper
75	100		
77	36.6	0.0	78.0





#73

Bromobenzene

Concen: 2.497 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX044644.D

Acq: 09 Jan 2025 04:42

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

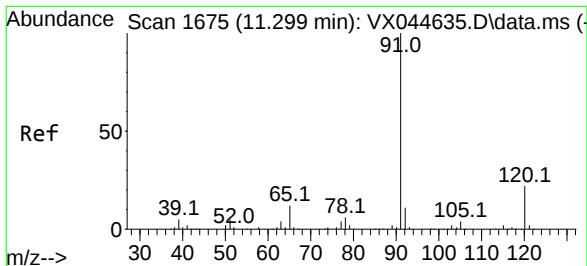
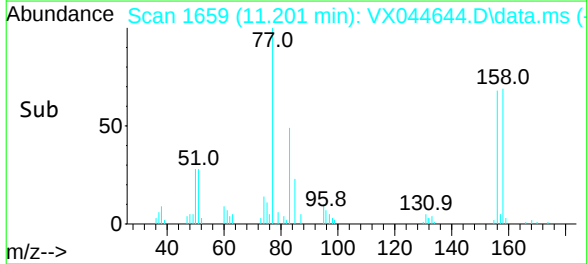
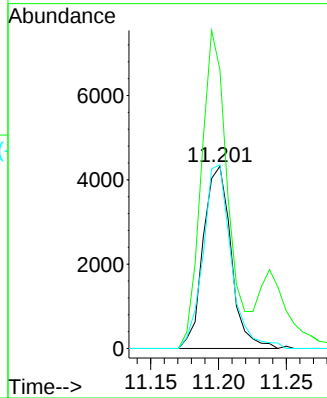
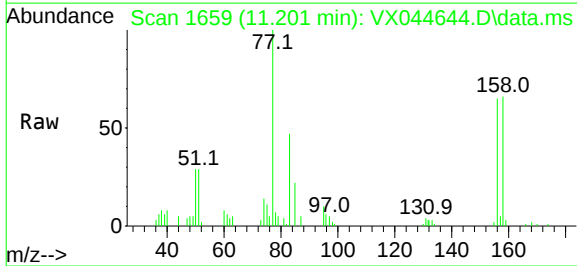
Tgt Ion:	156	Resp:	6161
Ion Ratio	Lower	Upper	
156	100		
77	168.5	0.0	332.6
158	101.7	0.0	187.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#74

n-propylbenzene

Concen: 2.174 ug/l

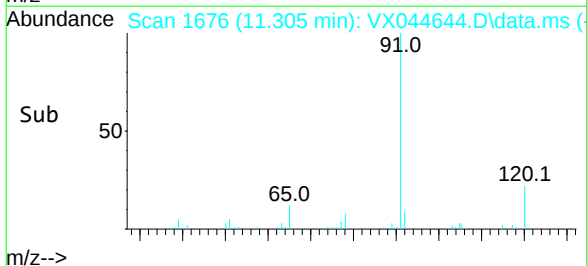
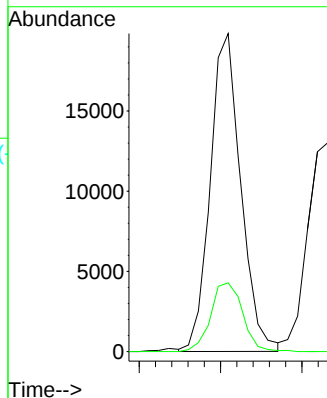
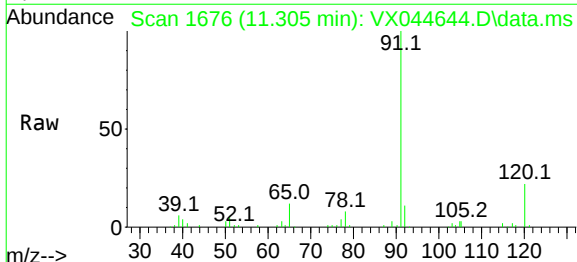
RT: 11.305 min Scan# 1676

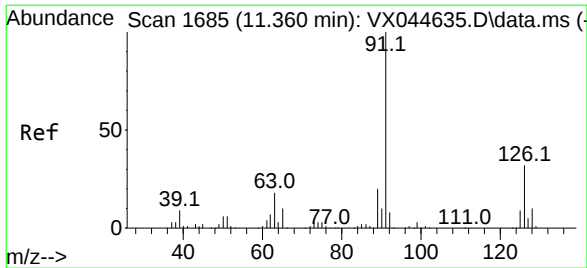
Delta R.T. 0.006 min

Lab File: VX044644.D

Acq: 09 Jan 2025 04:42

Tgt Ion:	91	Resp:	25861
Ion Ratio	Lower	Upper	
91	100		
120	22.6	0.0	45.0





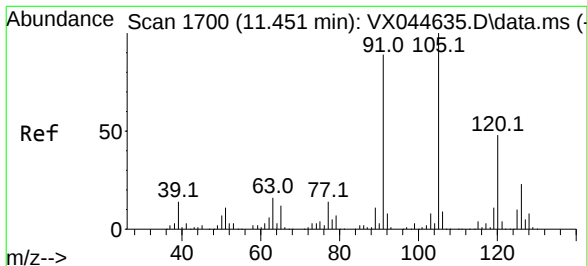
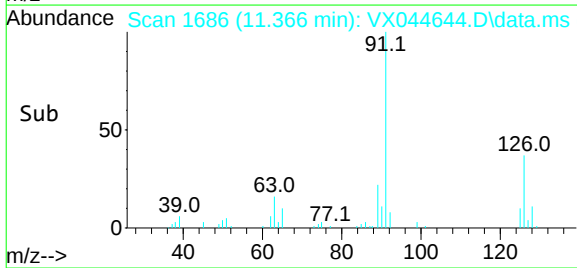
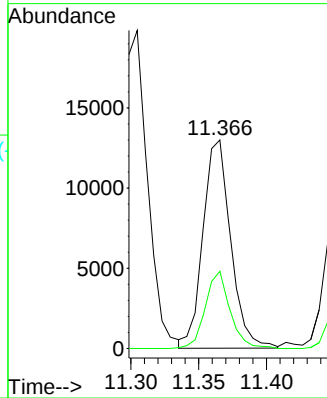
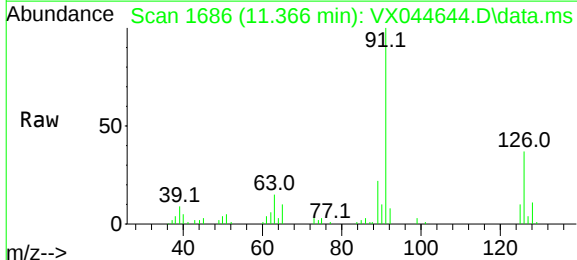
#75
2-Chlorotoluene
Concen: 2.471 ug/l
RT: 11.366 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 91 Resp: 18474
Ion Ratio Lower Upper
91 100
126 33.1 0.0 64.4

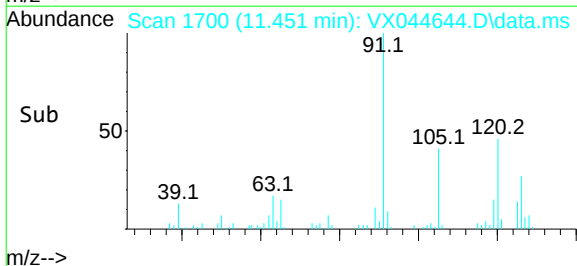
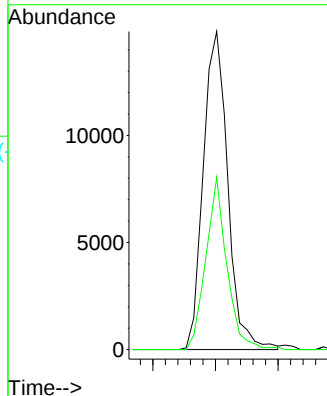
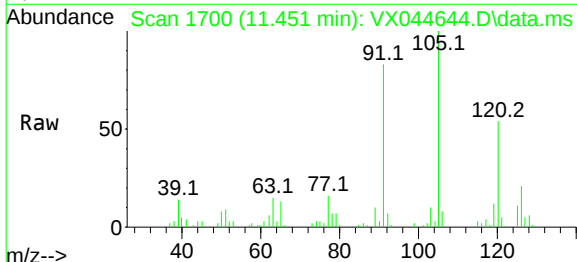
Manual Integrations
APPROVED

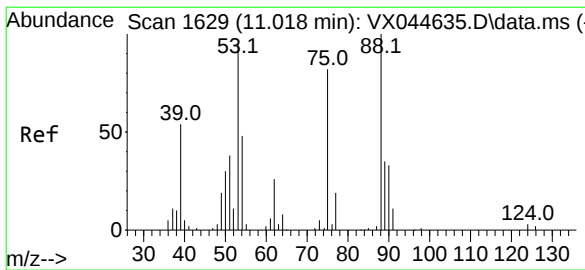
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#76
1,3,5-Trimethylbenzene
Concen: 2.311 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

Tgt Ion:105 Resp: 20161
Ion Ratio Lower Upper
105 100
120 46.4 0.0 94.0





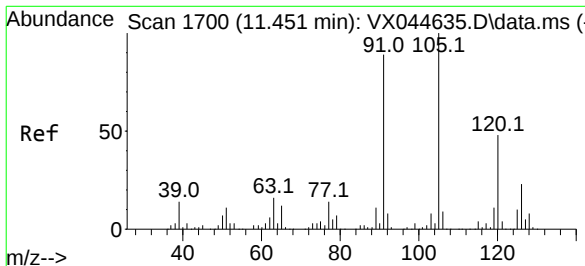
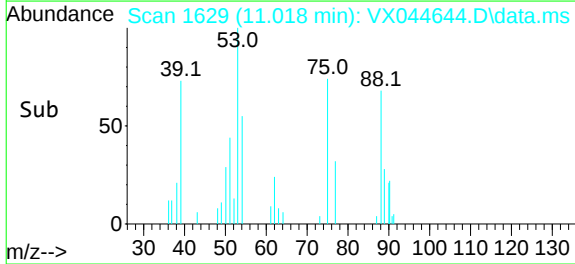
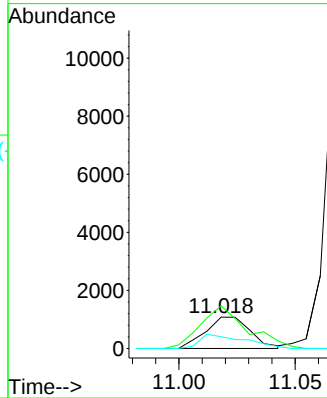
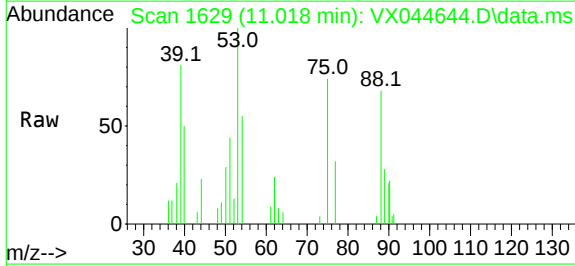
#77
t-1,4-Dichloro-2-butene
Concen: 1.593 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 75 Resp: 1443
Ion Ratio Lower Upper
75 100
53 124.8 57.4 172.2
89 37.5 21.3 64.0

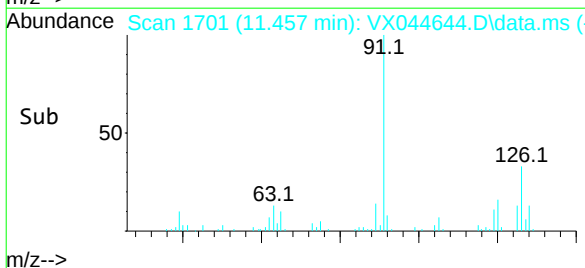
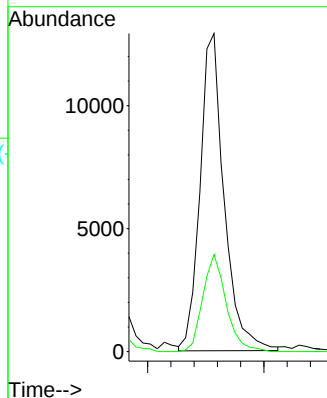
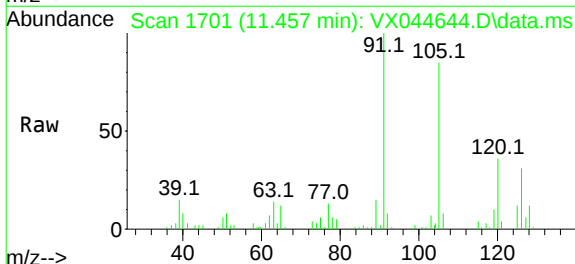
Manual Integrations
APPROVED

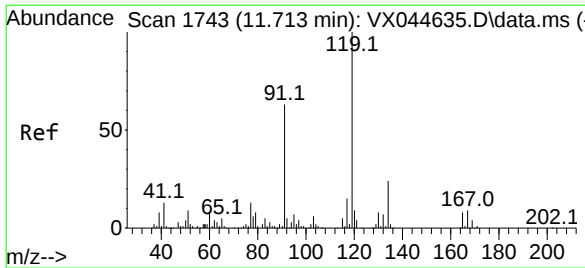
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#78
4-Chlorotoluene
Concen: 2.238 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

Tgt Ion: 91 Resp: 18587
Ion Ratio Lower Upper
91 100
126 29.7 0.0 54.8





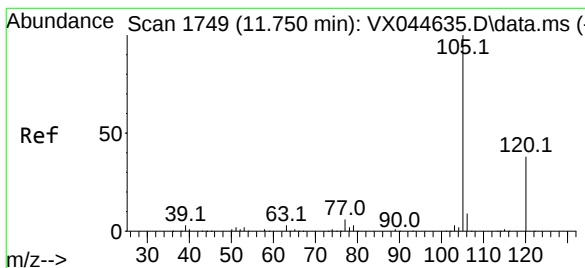
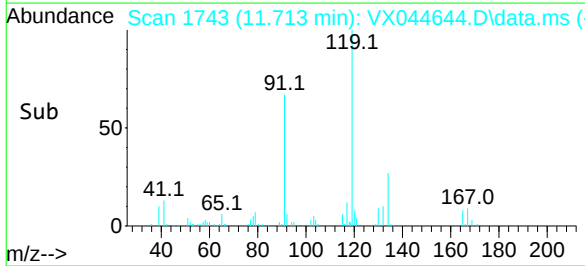
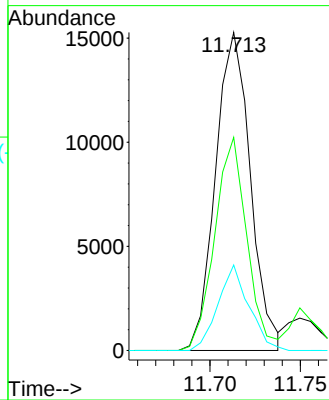
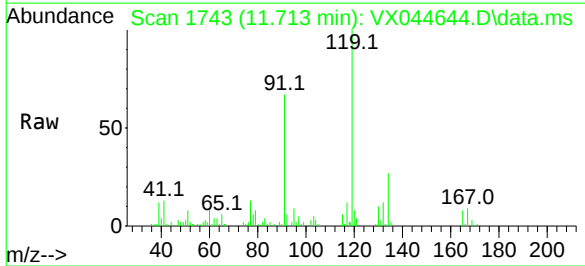
#79
tert-butylbenzene
Concen: 2.392 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

Tgt Ion	Ratio	Lower	Upper
119	100		
91	62.0	0.0	124.2
134	23.8	0.0	46.4

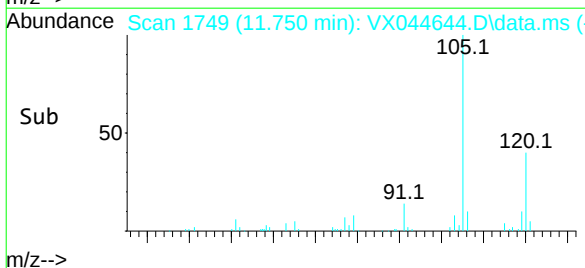
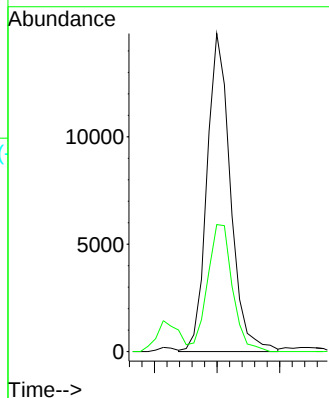
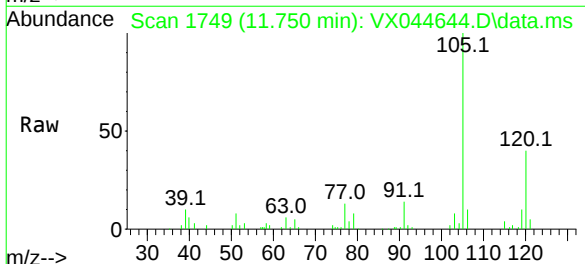
Manual Integrations
APPROVED

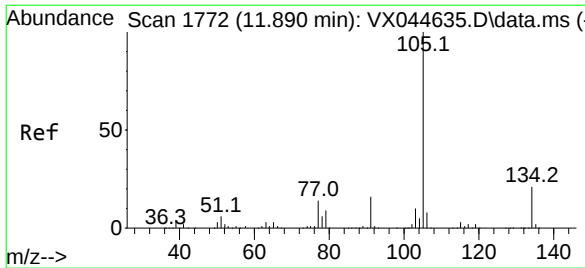
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#80
1,2,4-Trimethylbenzene
Concen: 2.244 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.6	0.0	87.2





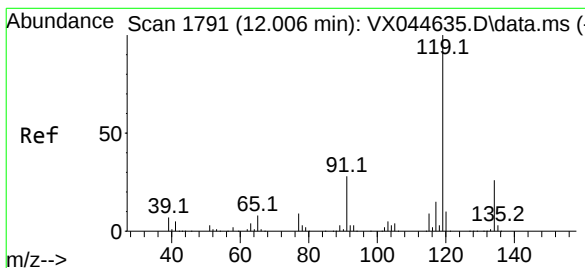
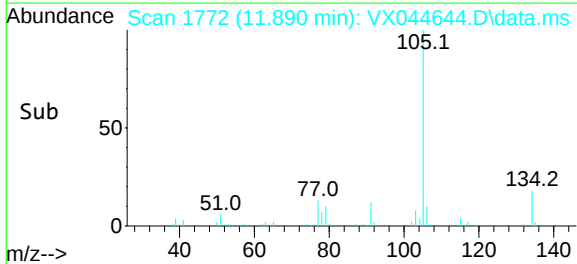
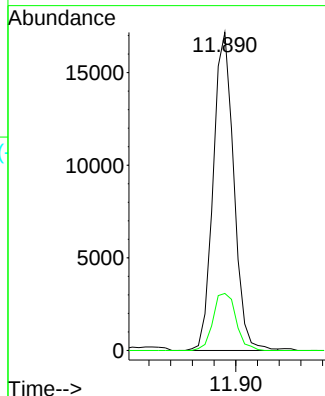
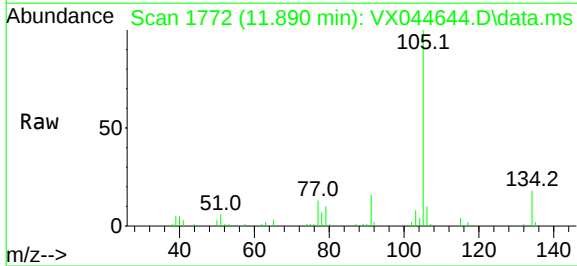
#81
sec-Butylbenzene
Concen: 2.177 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:105 Resp: 22571
Ion Ratio Lower Upper
105 100
134 20.1 0.0 38.8

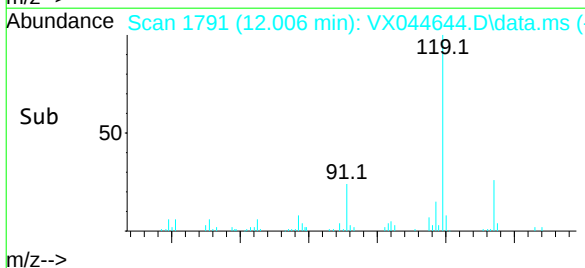
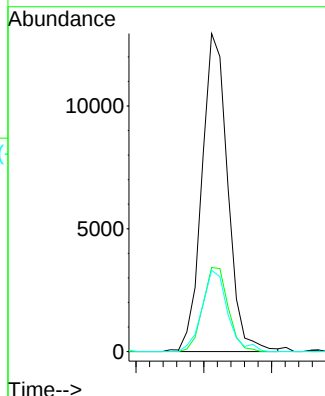
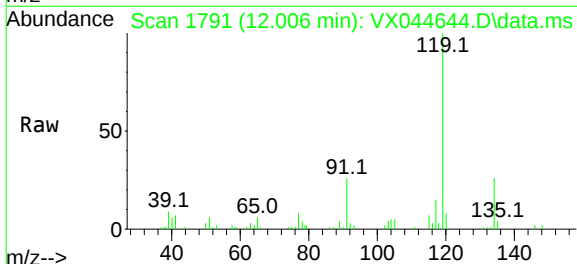
Manual Integrations
APPROVED

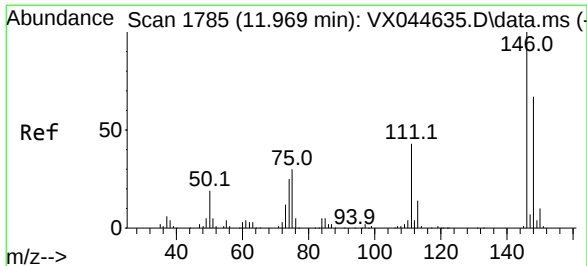
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#82
p-Isopropyltoluene
Concen: 1.983 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

Tgt Ion:119 Resp: 17095
Ion Ratio Lower Upper
119 100
134 25.9 0.0 53.8
91 25.4 0.0 55.2





#83

1,3-Dichlorobenzene

Concen: 2.120 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044644.D

Acq: 09 Jan 2025 04:42

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

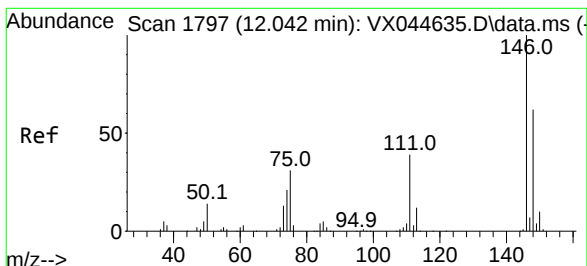
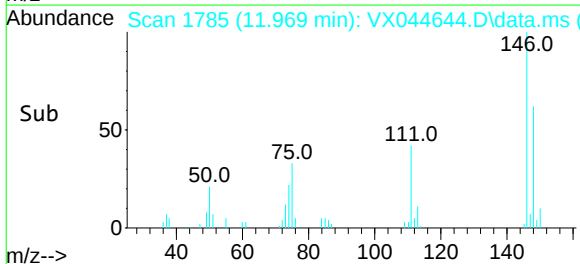
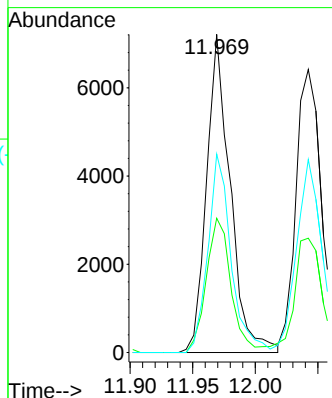
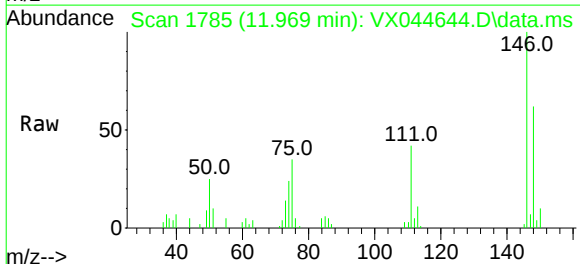
Tgt Ion:	146	Resp:	9465
Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.7	65.1
148	61.3	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#84

1,4-Dichlorobenzene

Concen: 2.106 ug/l

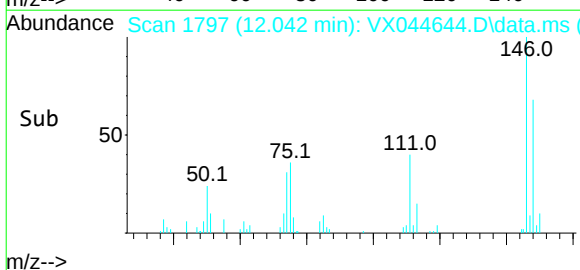
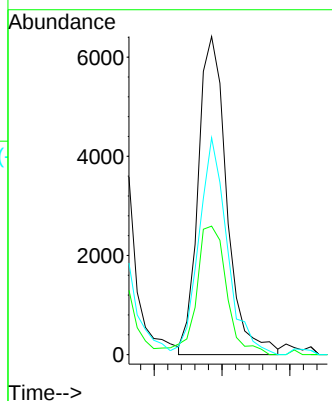
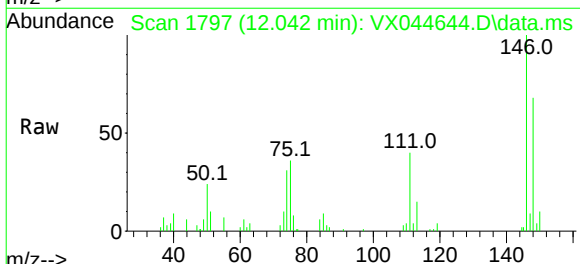
RT: 12.042 min Scan# 1797

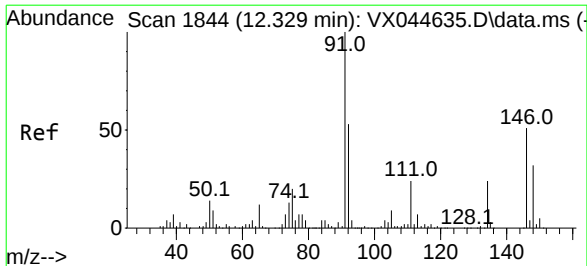
Delta R.T. -0.000 min

Lab File: VX044644.D

Acq: 09 Jan 2025 04:42

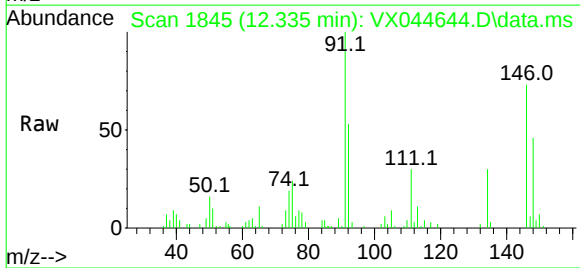
Tgt Ion:	146	Resp:	9403
Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.1	63.1
148	67.5	32.6	98.0





#85
n-Butylbenzene
Concen: 1.738 ug/l
RT: 12.335 min Scan# 1844
Delta R.T. 0.006 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

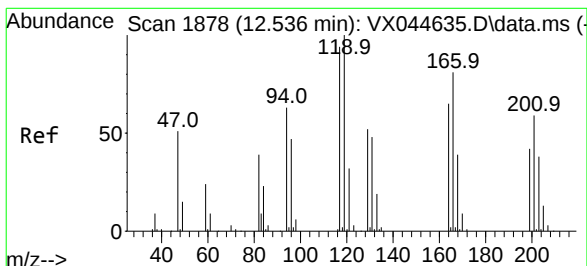
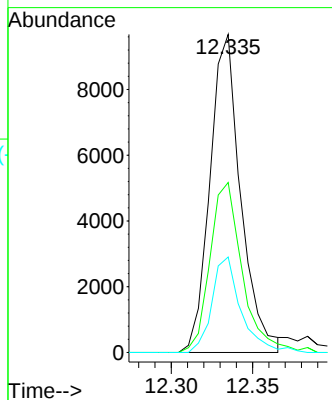
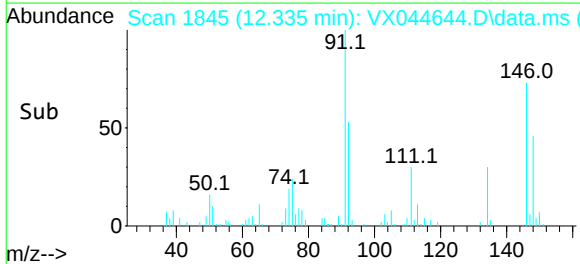
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 91 Resp: 12754
Ion Ratio Lower Upper
91 100
92 56.3 0.0 105.0
134 28.4 0.0 50.0

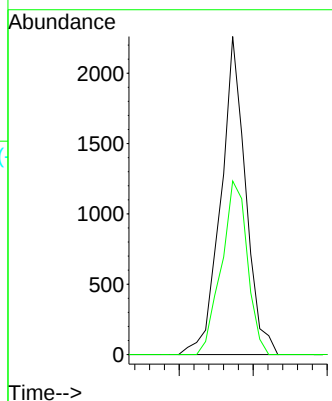
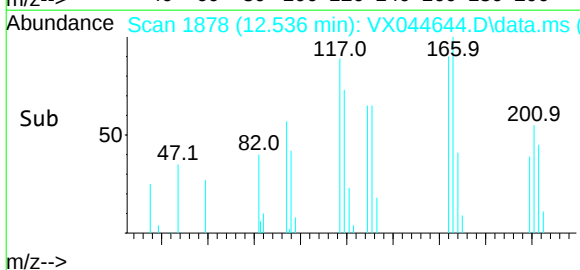
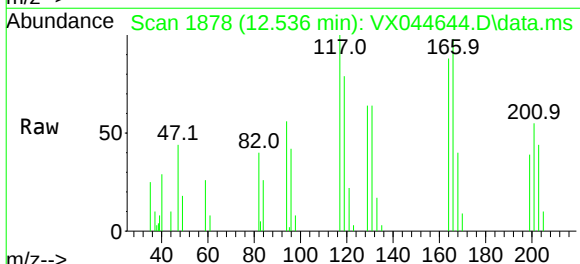
Manual Integrations
APPROVED

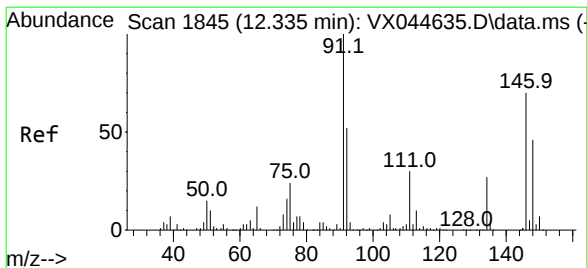
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#86
Hexachloroethane
Concen: 1.934 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

Tgt Ion:117 Resp: 2627
Ion Ratio Lower Upper
117 100
201 57.0 32.8 98.4





#87

1,2-Dichlorobenzene

Concen: 2.062 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX044644.D

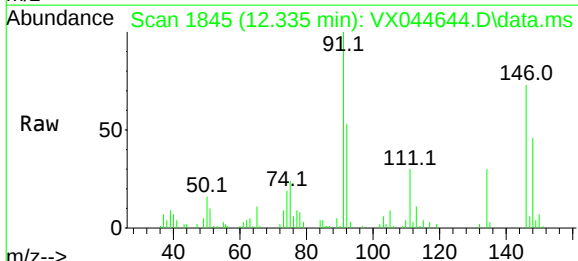
Acq: 09 Jan 2025 04:42

Instrument :

MSVOA_X

ClientSampleId :

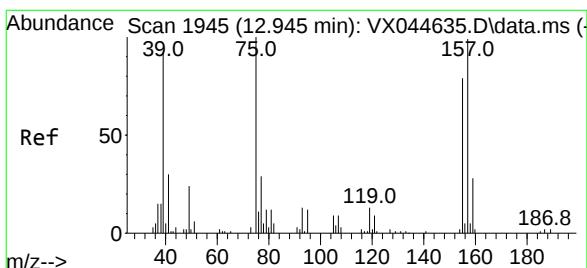
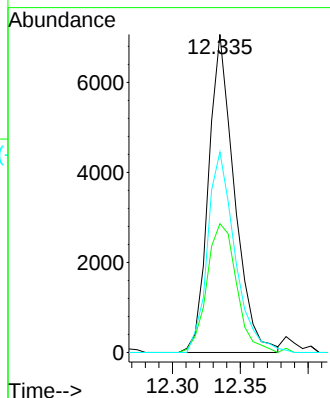
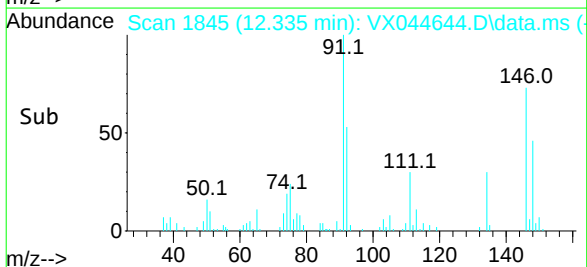
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:	146	Resp:	9387
Ion	Ratio	Lower	Upper
146	100		
111	46.3	21.9	65.7
148	66.6	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: 1.721 ug/l

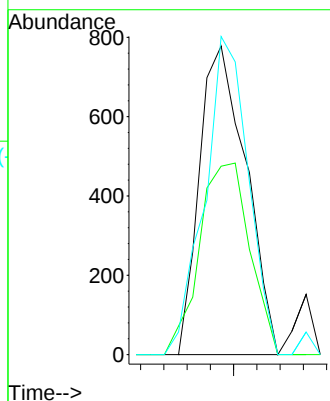
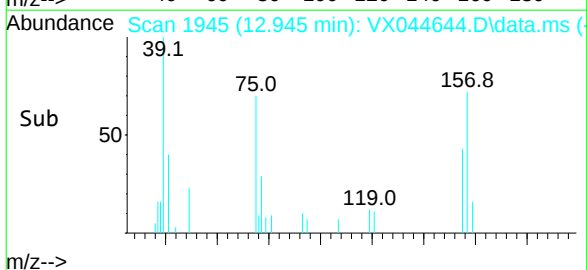
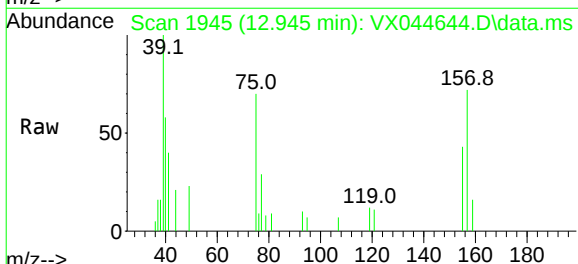
RT: 12.945 min Scan# 1945

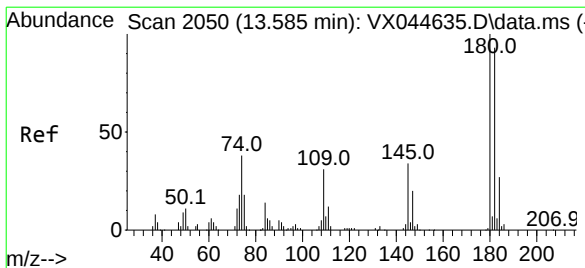
Delta R.T. -0.000 min

Lab File: VX044644.D

Acq: 09 Jan 2025 04:42

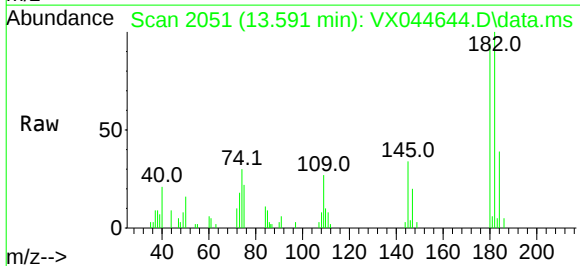
Tgt Ion:	75	Resp:	1082
Ion	Ratio	Lower	Upper
75	100		
155	67.4	60.6	90.8
157	96.6	77.9	116.9





#89
1,2,4-Trichlorobenzene
Concen: 1.884 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42

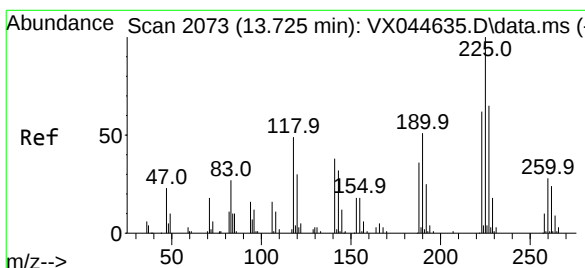
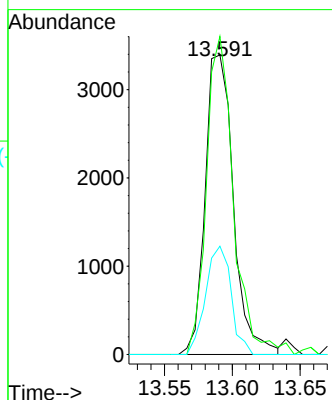
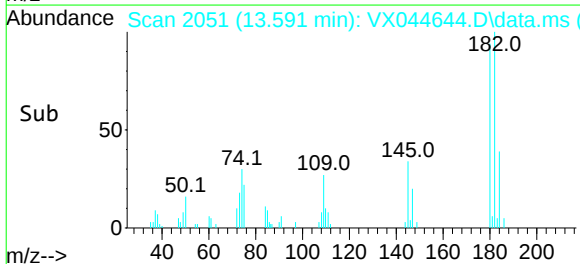
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



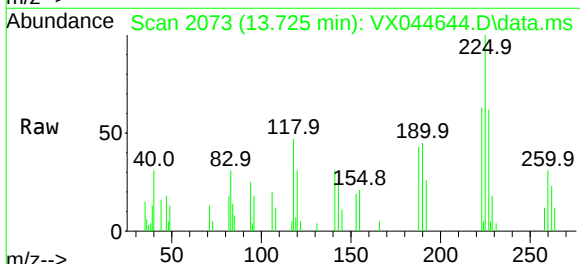
Tgt Ion:180 Resp: 4924
Ion Ratio Lower Upper
180 100
182 98.7 75.9 113.9
145 32.6 26.7 40.1

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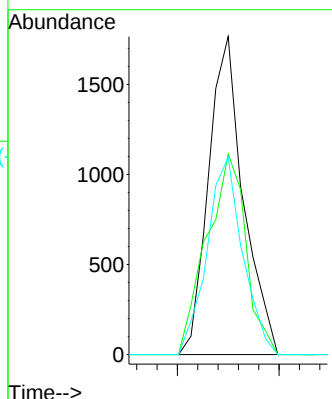
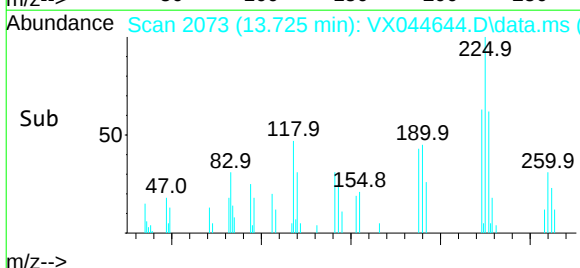
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

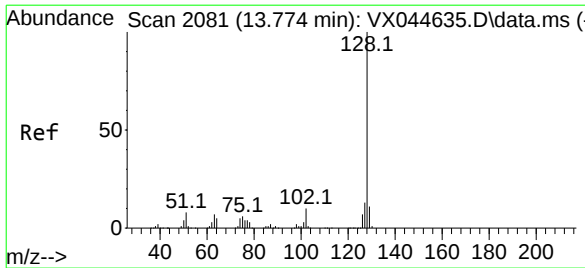


#90
Hexachlorobutadiene
Concen: 1.986 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX044644.D
Acq: 09 Jan 2025 04:42



Tgt Ion:225 Resp: 2102
Ion Ratio Lower Upper
225 100
223 70.7 0.0 124.0
227 63.5 0.0 134.6





#91

Naphthalene

Concen: 1.710 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044644.D

Acq: 09 Jan 2025 04:42

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

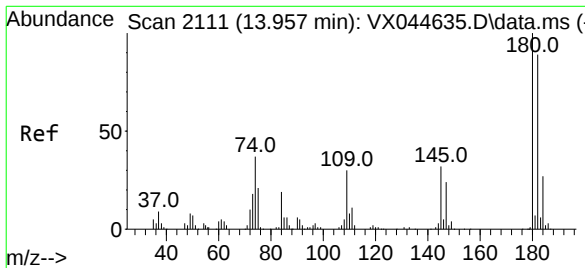
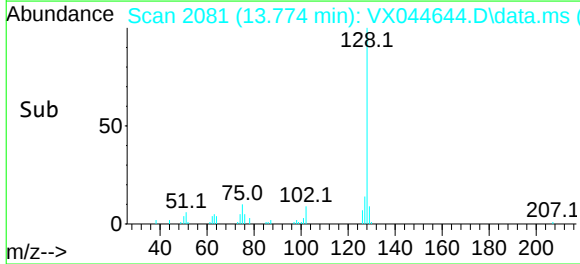
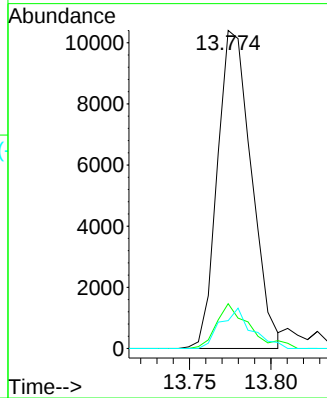
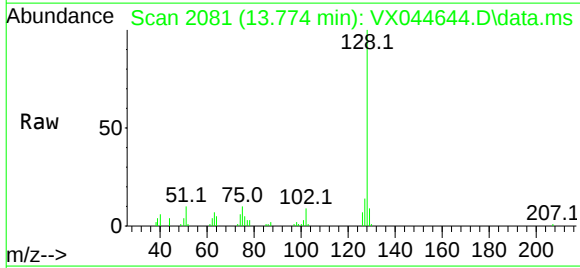
Tgt Ion:	128	Resp:	15119
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.4	15.6
129	11.7	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#92

1,2,3-Trichlorobenzene

Concen: 1.986 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX044644.D

Acq: 09 Jan 2025 04:42

Tgt Ion:	180	Resp:	5331
Ion	Ratio	Lower	Upper
180	100		
182	91.8	0.0	191.2
145	36.2	0.0	67.0

