

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
 Data File : VX044237.D
 Acq On : 11 Dec 2024 18:51
 Operator : JC/MD
 Sample : P4368-08 5.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Dec 12 05:37:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 05:32:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 12/12/2024
 Supervised By :Mahesh Dadoda 12/12/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	139926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	255790	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	92014	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	127712	52.056	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.120%
35) Dibromofluoromethane	5.385	113	88974	50.223	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.440%
50) Toluene-d8	8.647	98	314716	52.656	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.320%
62) 4-Bromofluorobenzene	11.079	95	103538	49.577	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.160%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	10472	4.840	ug/l	96
3) Chloromethane	1.295	50	9779	4.726	ug/l	95
4) Vinyl Chloride	1.374	62	11114	5.156	ug/l	99
5) Bromomethane	1.593	94	7733	5.057	ug/l	90
6) Chloroethane	1.666	64	7601	5.663	ug/l	90
7) Trichlorofluoromethane	1.874	101	19748	4.680	ug/l	100
8) Diethyl Ether	2.136	74	6994	4.856	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.319	101	8140	4.767	ug/l	88
10) Methyl Iodide	2.447	142	10860	4.826	ug/l	98
11) Tert butyl alcohol	2.995	59	6753m	19.531	ug/l	
12) 1,1-Dichloroethene	2.307	96	7809	4.979	ug/l	97
13) Acrolein	2.240	56	11740	23.456	ug/l	98
14) Allyl chloride	2.660	41	11510	4.406	ug/l	98
15) Acrylonitrile	3.069	53	23276	24.302	ug/l	97
16) Acetone	2.386	43	23084	23.079	ug/l	95
17) Carbon Disulfide	2.496	76	12392	4.157	ug/l	99
18) Methyl Acetate	2.709	43	13039	5.056	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	30378	4.963	ug/l	95
20) Methylene Chloride	2.782	84	10023	5.335	ug/l	90
21) trans-1,2-Dichloroethene	3.081	96	8010	4.805	ug/l	85
22) Diisopropyl ether	3.764	45	29503	5.015	ug/l #	87
23) Vinyl Acetate	3.721	43	111675	23.350	ug/l	100
24) 1,1-Dichloroethane	3.605	63	17122	5.222	ug/l	99
25) 2-Butanone	4.574	43	33574	23.612	ug/l	91
26) 2,2-Dichloropropane	4.465	77	11884	4.461	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	10057	4.751	ug/l	97
28) Bromochloromethane	4.904	49	7868	4.893	ug/l	98
29) Tetrahydrofuran	5.013	42	22556	24.714	ug/l	98
30) Chloroform	5.093	83	17985	4.882	ug/l	99
31) Cyclohexane	5.458	56	13637	5.150	ug/l #	84
32) 1,1,1-Trichloroethane	5.373	97	14602	4.775	ug/l	95
36) 1,1-Dichloropropene	5.690	75	10933	4.774	ug/l	98
37) Ethyl Acetate	4.721	43	15066	5.322	ug/l #	92
38) Carbon Tetrachloride	5.666	117	10924	4.431	ug/l #	93
39) Methylcyclohexane	7.379	83	14281	5.217	ug/l	94
40) Benzene	6.032	78	35491	5.105	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	6818	4.536	ug/l #	96
42) 1,2-Dichloroethane	6.086	62	15281	5.335	ug/l	100
43) Isopropyl Acetate	6.349	43	21005	4.748	ug/l	99
44) Trichloroethene	7.123	130	8806	5.079	ug/l	96
45) 1,2-Dichloropropane	7.428	63	8314	4.680	ug/l #	86
46) Dibromomethane	7.586	93	6815	4.945	ug/l	97
47) Bromodichloromethane	7.824	83	10446	4.389	ug/l	97
48) Methyl methacrylate	7.702	41	10113	4.709	ug/l	93
49) 1,4-Dioxane	7.678	88	2896	81.329	ug/l #	77
51) 4-Methyl-2-Pentanone	8.574	43	65580	23.053	ug/l	98
52) Toluene	8.720	92	21245	4.866	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	9870	4.237	ug/l	97
54) cis-1,3-Dichloropropene	8.373	75	11452	4.419	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	9171	5.287	ug/l	95
56) Ethyl methacrylate	9.122	69	12170	4.444	ug/l	94
57) 1,3-Dichloropropane	9.311	76	15198	5.034	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	33413	24.193	ug/l	100
59) 2-Hexanone	9.433	43	49826	24.198	ug/l	97
60) Dibromochloromethane	9.519	129	6766	4.062	ug/l	97
61) 1,2-Dibromoethane	9.610	107	8654	4.901	ug/l	97
64) Tetrachloroethene	9.269	164	7367	5.067	ug/l	91
65) Chlorobenzene	10.080	112	23164	4.935	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	6967	4.618	ug/l	95
67) Ethyl Benzene	10.195	91	37829	4.664	ug/l	98
68) m/p-Xylenes	10.299	106	27461	9.228	ug/l	100
69) o-Xylene	10.640	106	14705	4.884	ug/l	100
70) Styrene	10.659	104	22124	4.583	ug/l	97
71) Bromoform	10.799	173	3792	3.944	ug/l #	98
73) Isopropylbenzene	10.964	105	37028	5.257	ug/l	94
74) N-amyl acetate	10.848	43	14992	4.605	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.214	83	12957	5.296	ug/l	96
76) 1,2,3-Trichloropropane	11.244	75	11186m	5.445	ug/l	
77) Bromobenzene	11.195	156	8548	5.004	ug/l	93
78) n-propylbenzene	11.305	91	37298	4.791	ug/l	98
79) 2-Chlorotoluene	11.366	91	26758	5.314	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	29578	5.063	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	2312	3.617	ug/l #	74
82) 4-Chlorotoluene	11.457	91	28156	5.050	ug/l	100
83) tert-Butylbenzene	11.713	119	28251	4.894	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	28140	4.905	ug/l	99
85) sec-Butylbenzene	11.890	105	34509	4.924	ug/l	99
86) p-Isopropyltoluene	12.006	119	28063	4.811	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	15147	5.077	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	14887	4.854	ug/l	91
89) n-Butylbenzene	12.335	91	22245	4.535	ug/l	95
90) Hexachloroethane	12.536	117	3765	4.422	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	15188	4.902	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1753	3.691	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	8109	4.774	ug/l	95
94) Hexachlorobutadiene	13.725	225	3001	4.393	ug/l	91
95) Naphthalene	13.780	128	29866	4.505	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	8274	4.593	ug/l	98

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

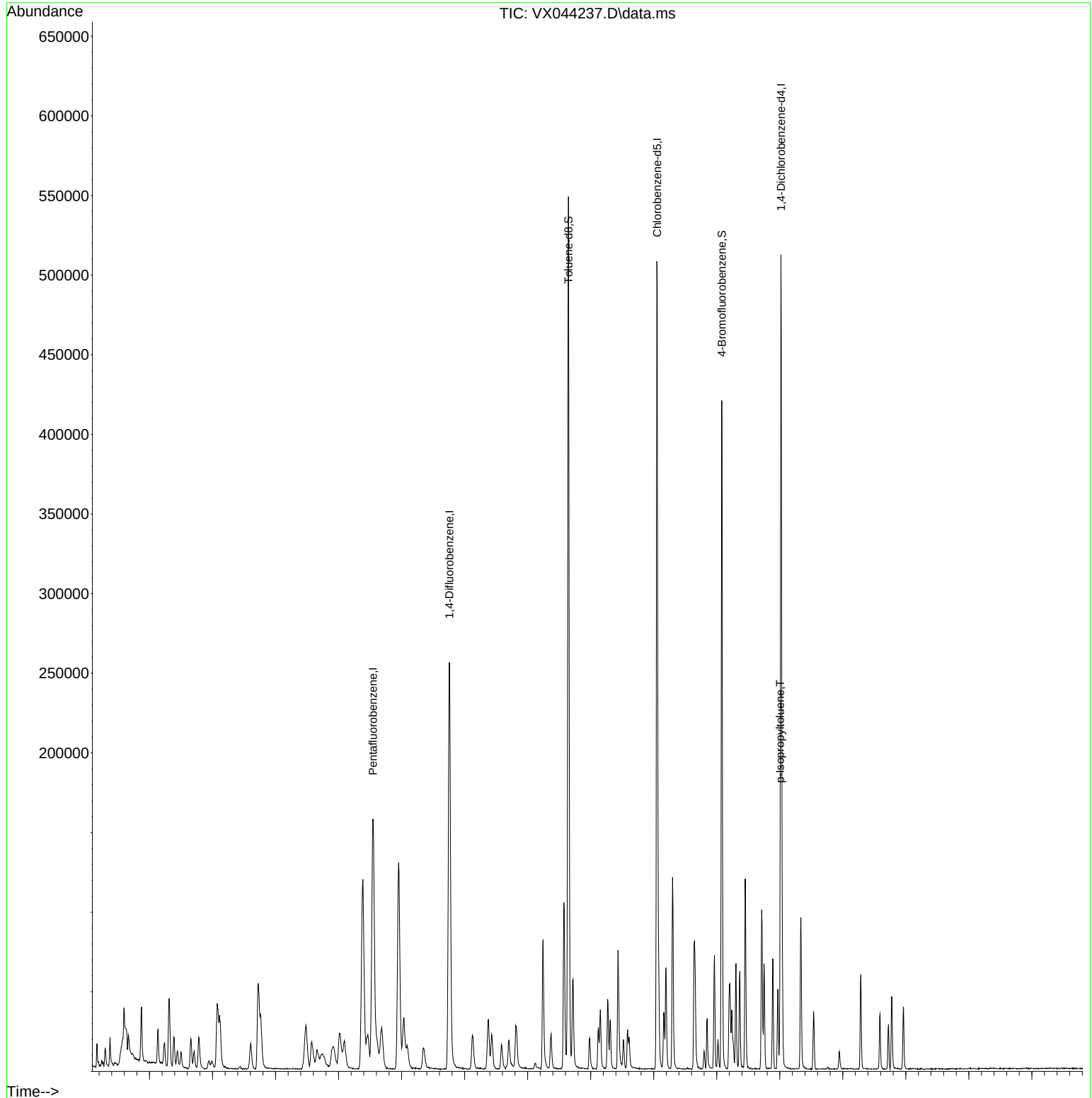
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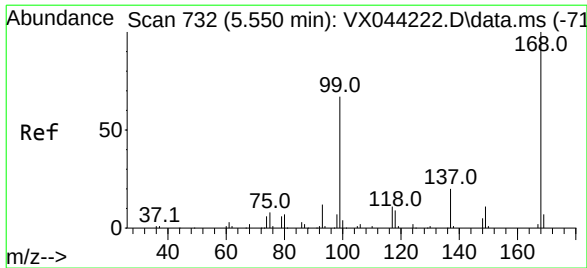
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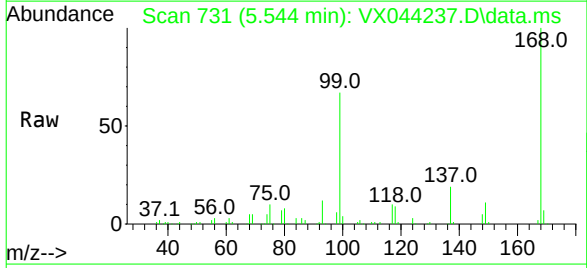
Reviewed By : John Carlone 12/12/2024
Supervised By : Mahesh Dadoda 12/12/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 73
Delta R.T. -0.006 min
Lab File: VX044237.D
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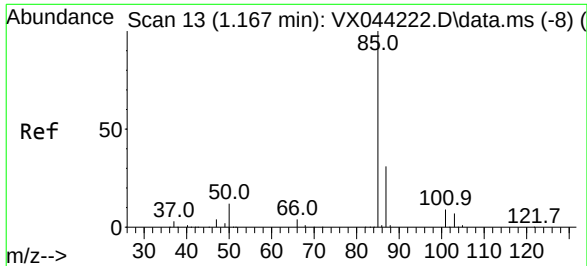
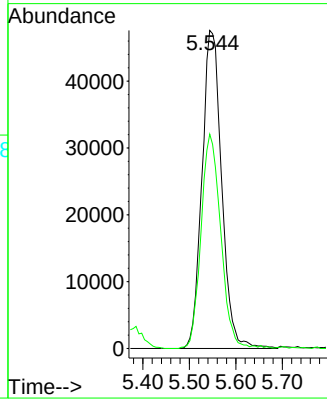
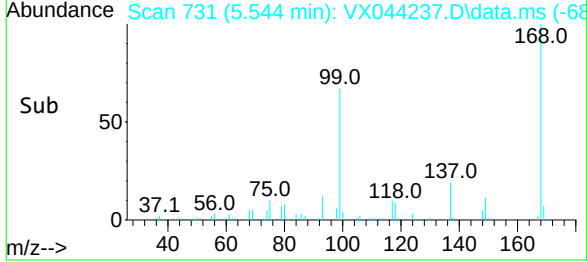
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2024



Tgt Ion: 168 Resp: 139926
Ion Ratio Lower Upper
168 100
99 67.4 53.4 80.0

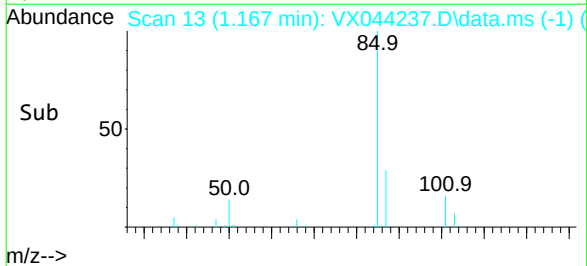
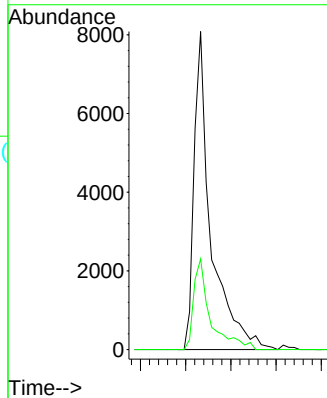
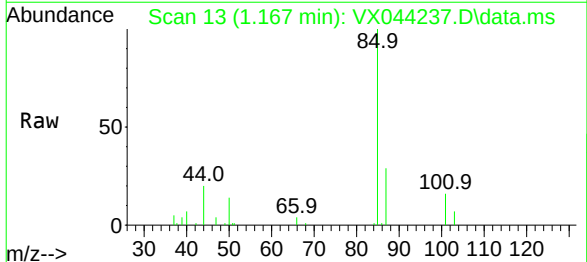
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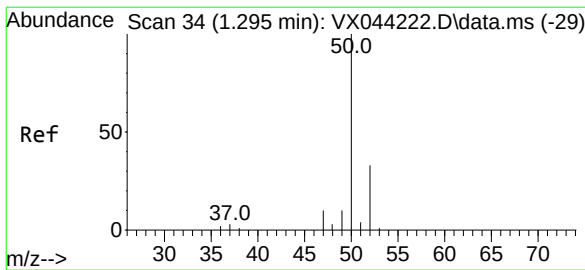
Reviewed By : John Carlone 12/12/2024
Supervised By : Mahesh Dadoda 12/12/2024



#2
Dichlorodifluoromethane
Concen: 4.840 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51

Tgt Ion: 85 Resp: 10472
Ion Ratio Lower Upper
85 100
87 28.5 15.4 46.4





#3

Chloromethane

Concen: 4.726 ug/l

RT: 1.295 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX044237.D

Acq: 11 Dec 2024 18:51

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion: 50 Resp: 9779

Ion Ratio Lower Upper

50 100

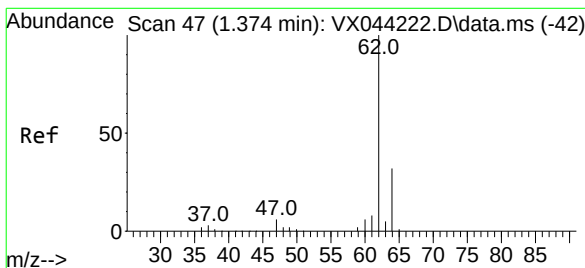
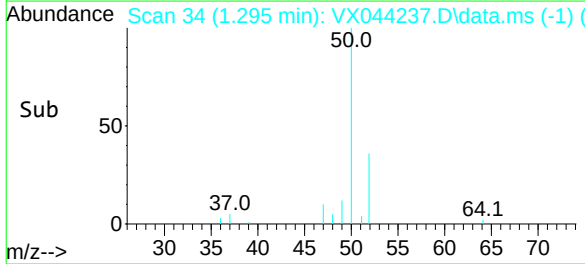
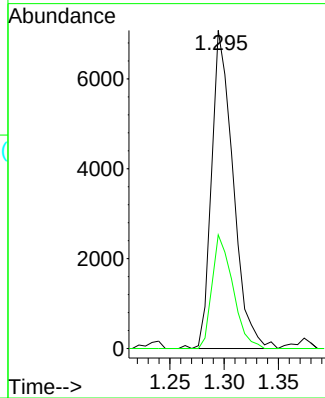
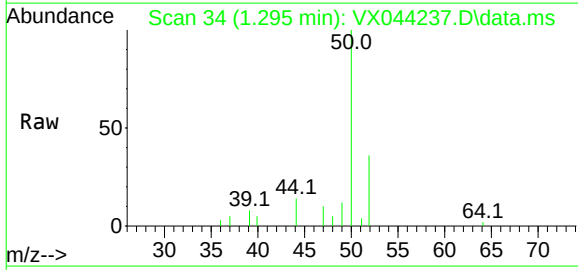
52 35.7 26.5 39.7

Manual Integrations

APPROVED

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#4

Vinyl Chloride

Concen: 5.156 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX044237.D

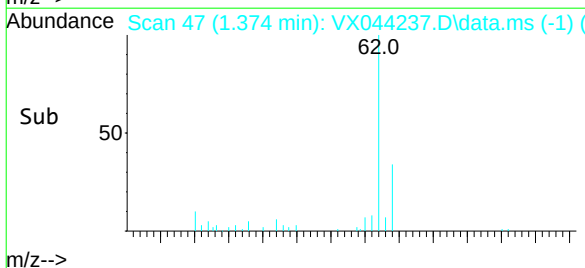
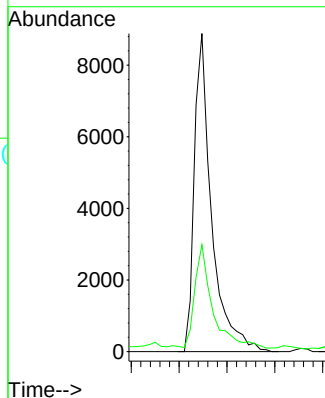
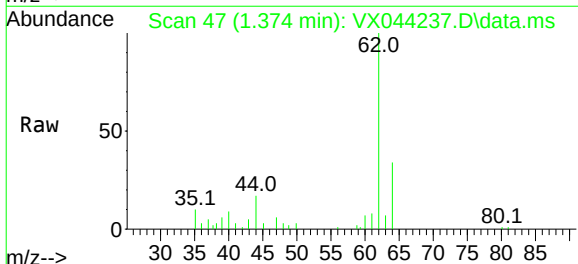
Acq: 11 Dec 2024 18:51

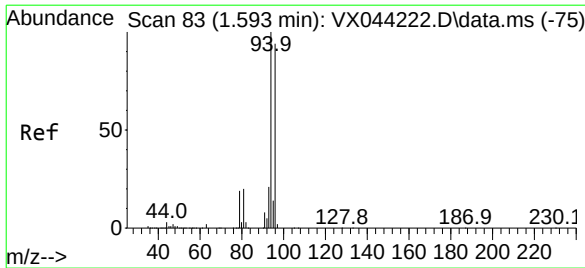
Tgt Ion: 62 Resp: 11114

Ion Ratio Lower Upper

62 100

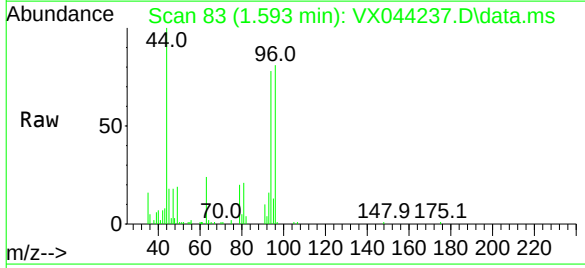
64 32.4 25.7 38.5





#5
Bromomethane
Concen: 5.057 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX044237.D
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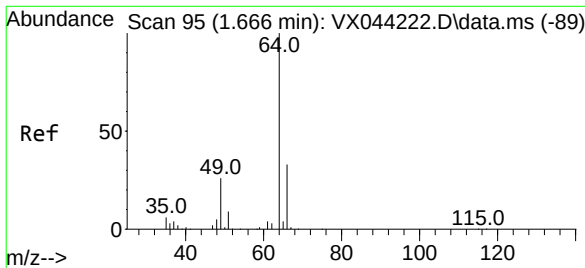
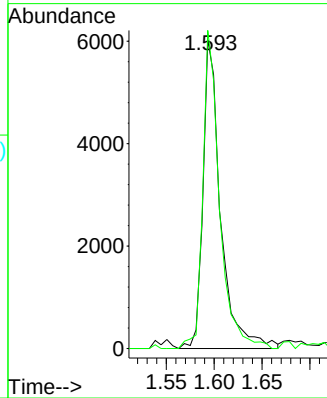
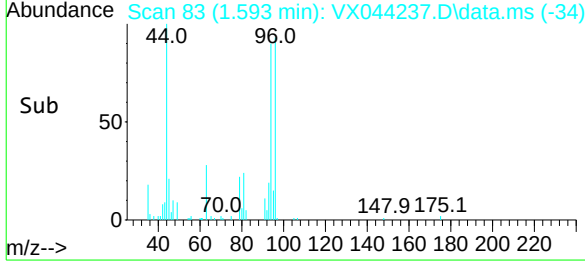
Instrument : MSVOA_X
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Tgt Ion: 94 Resp: 7733
Ion Ratio Lower Upper
94 100
96 103.0 74.9 112.3

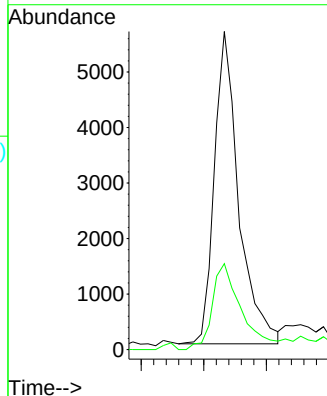
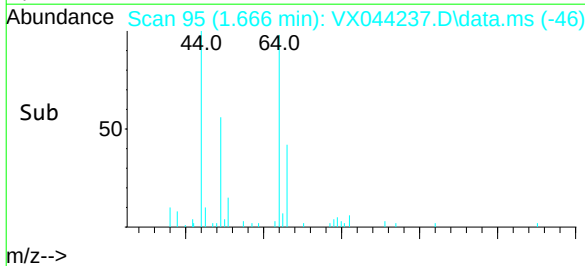
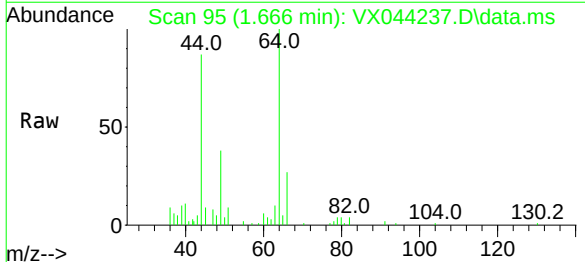
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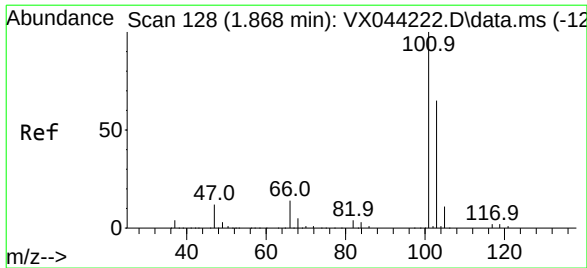
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#6
Chloroethane
Concen: 5.663 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51

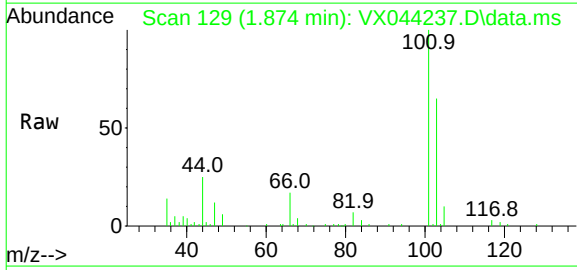
Tgt Ion: 64 Resp: 7601
Ion Ratio Lower Upper
64 100
66 27.5 26.6 39.8





#7
 Trichlorofluoromethane
 Concen: 4.680 ug/l
 RT: 1.874 min Scan# 128
 Delta R.T. 0.006 min
 Lab File: VX044237.D
 Acq: 11 Dec 2024 18:51

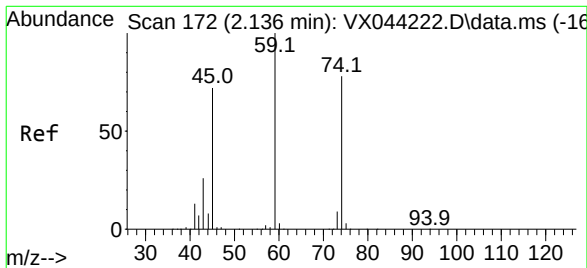
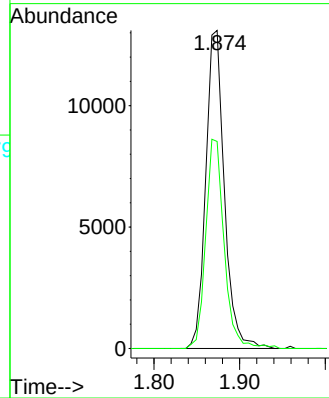
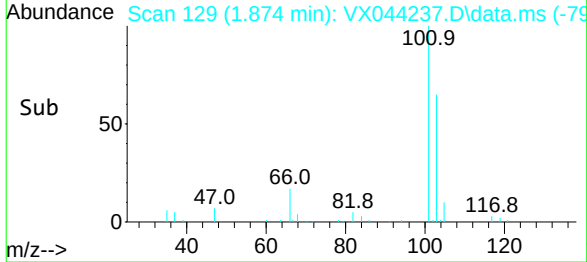
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2024



Tgt Ion: 101 Resp: 19748
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.8 77.8

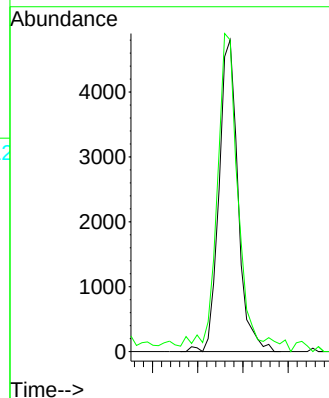
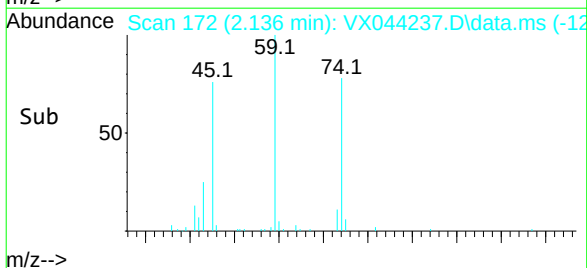
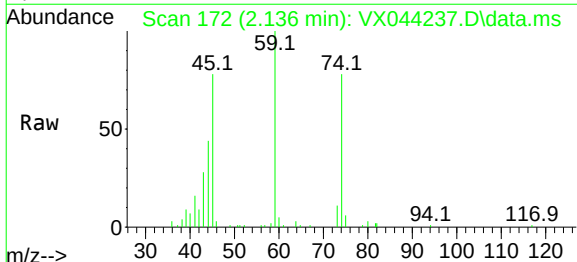
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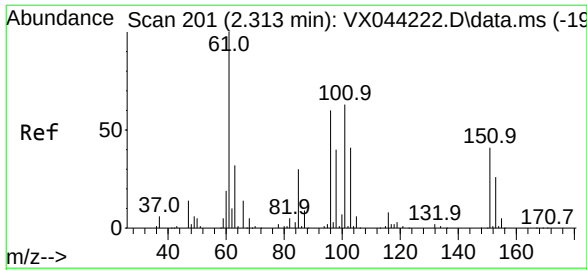
Reviewed By : John Carlone 12/12/2024
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#8
 Diethyl Ether
 Concen: 4.856 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX044237.D
 Acq: 11 Dec 2024 18:51

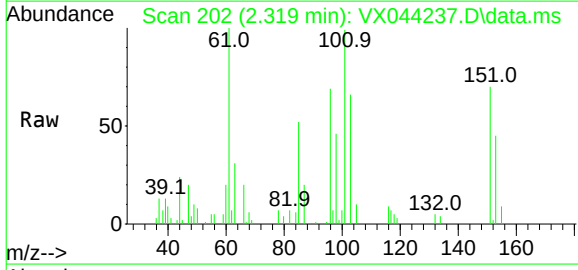
Tgt Ion: 74 Resp: 6994
 Ion Ratio Lower Upper
 74 100
 45 106.0 48.4 145.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.767 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51

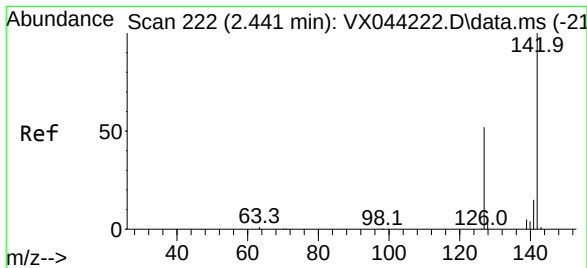
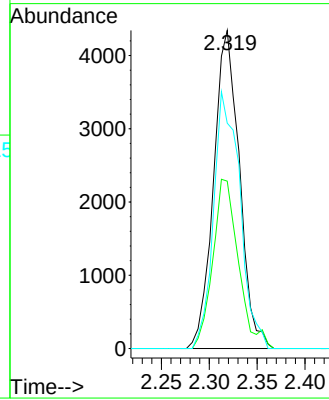
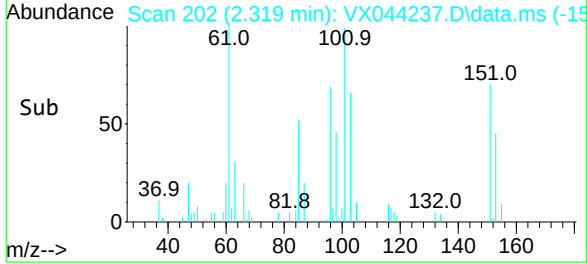
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:101 Resp: 8140
Ion Ratio Lower Upper
101 100
85 52.9 38.5 57.7
151 82.3 55.8 83.6

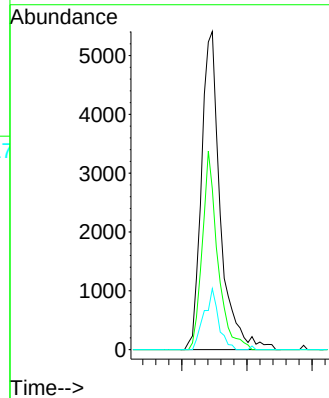
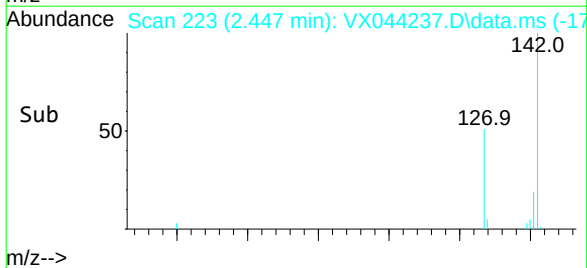
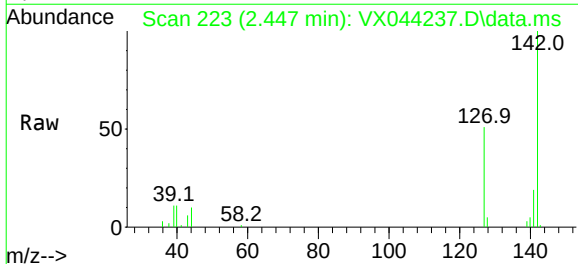
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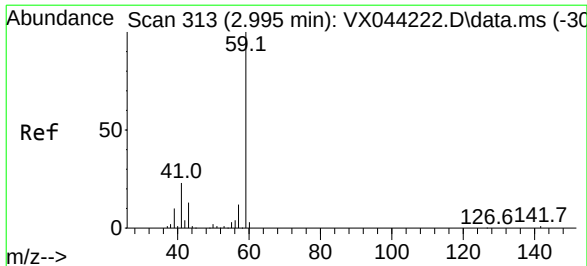
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#10
Methyl Iodide
Concen: 4.826 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51

Tgt Ion:142 Resp: 10860
Ion Ratio Lower Upper
142 100
127 51.0 41.8 62.8
141 14.8 11.5 17.3





#11

Tert butyl alcohol

Concen: 19.531 ug/l m

RT: 2.995 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX044237.D

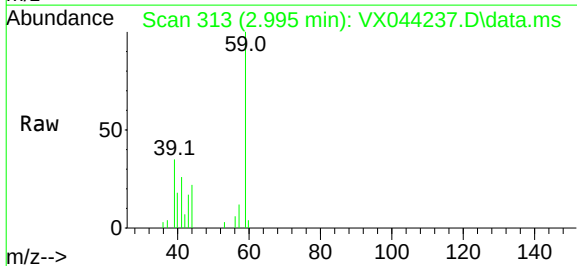
Acq: 11 Dec 2024 18:51

Instrument :

MSVOA_X

ClientSampleId :

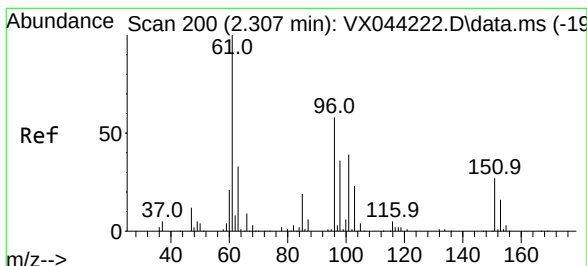
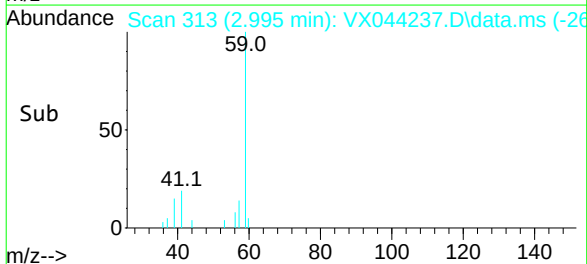
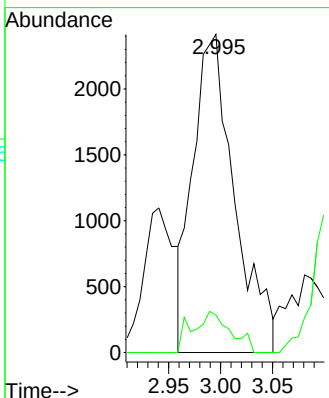
LOQ-WATER-02-QT4-2024



Tgt	Ion	Ratio	Lower	Upper
59	100			
57	11.7	8.8	13.2	

Manual Integrations
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Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#12

1,1-Dichloroethene

Concen: 4.979 ug/l

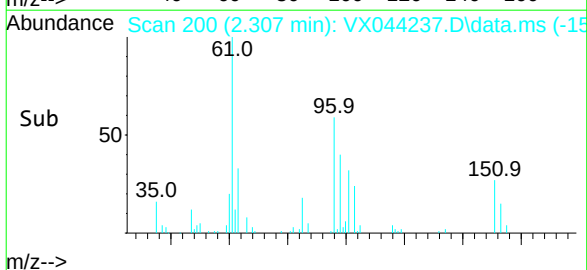
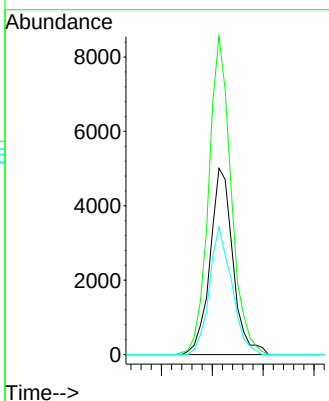
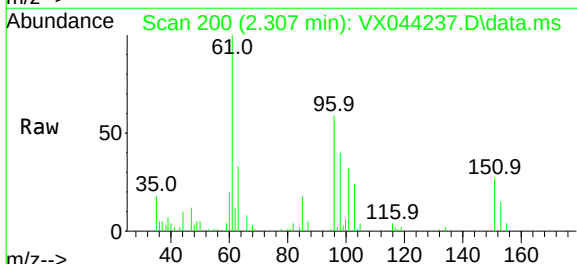
RT: 2.307 min Scan# 200

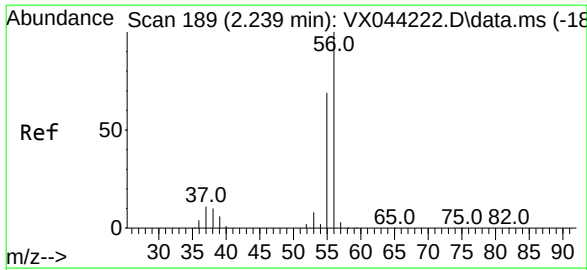
Delta R.T. 0.000 min

Lab File: VX044237.D

Acq: 11 Dec 2024 18:51

Tgt	Ion	Ratio	Lower	Upper
96	100			
61	170.7	138.0	207.0	
98	68.5	50.0	75.0	





#13

Acrolein

Concen: 23.456 ug/l

RT: 2.240 min Scan# 18

Delta R.T. 0.000 min

Lab File: VX044237.D

Acq: 11 Dec 2024 18:51

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion: 56 Resp: 11740

Ion Ratio Lower Upper

56 100

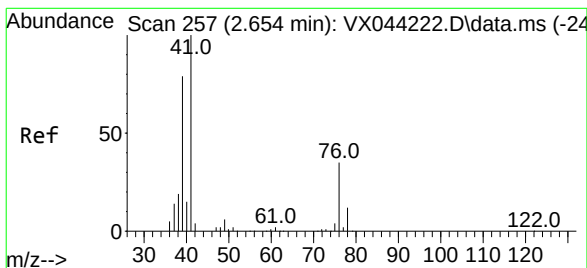
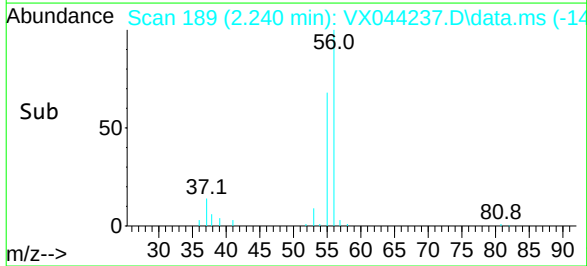
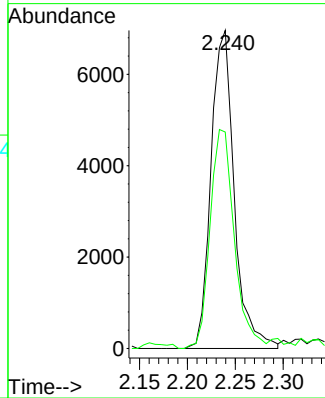
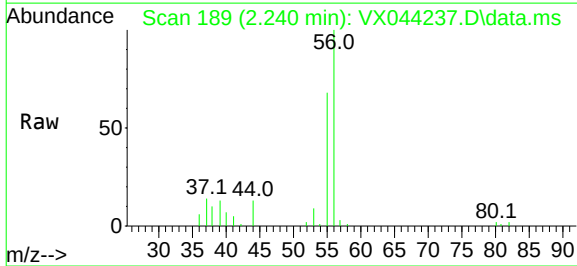
55 72.0 56.6 84.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#14

Allyl chloride

Concen: 4.406 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.006 min

Lab File: VX044237.D

Acq: 11 Dec 2024 18:51

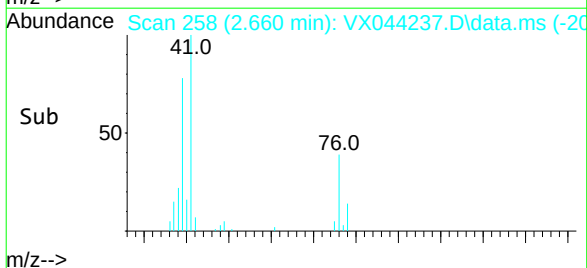
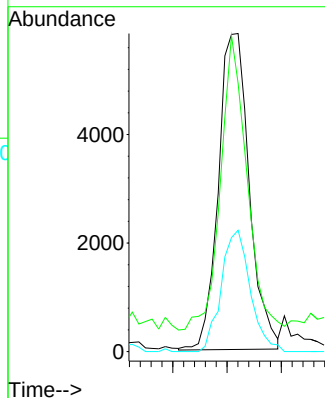
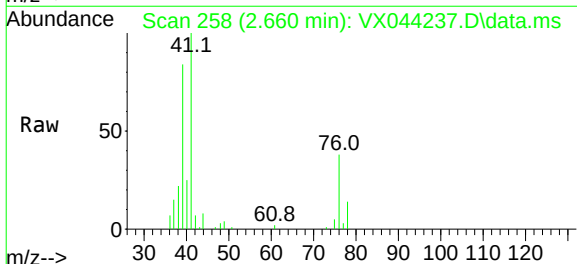
Tgt Ion: 41 Resp: 11510

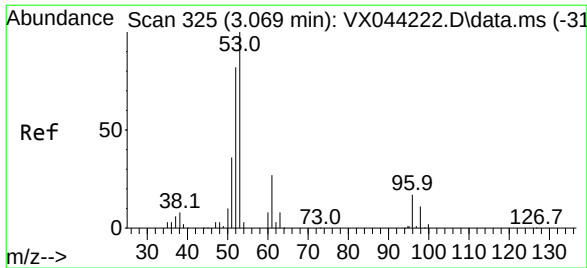
Ion Ratio Lower Upper

41 100

39 79.1 61.9 92.9

76 36.0 27.4 41.2





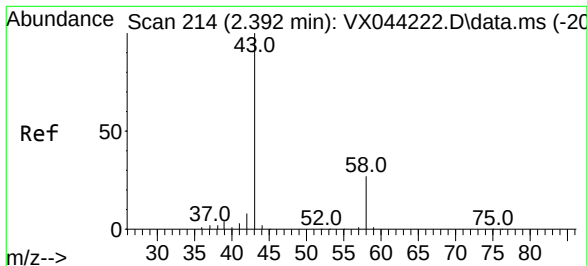
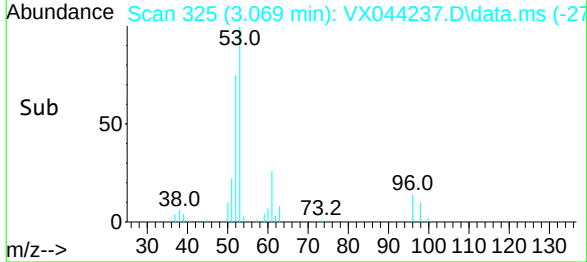
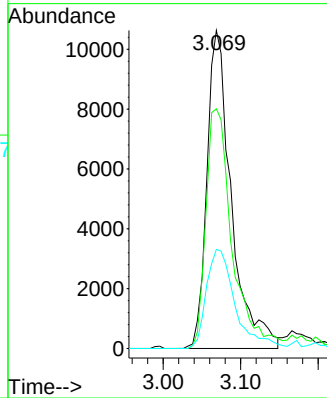
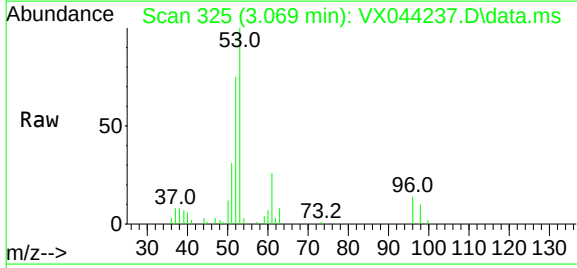
#15
Acrylonitrile
Concen: 24.302 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51

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

Tgt Ion: 53 Resp: 23276
Ion Ratio Lower Upper
53 100
52 80.8 67.4 101.0
51 36.7 30.3 45.5

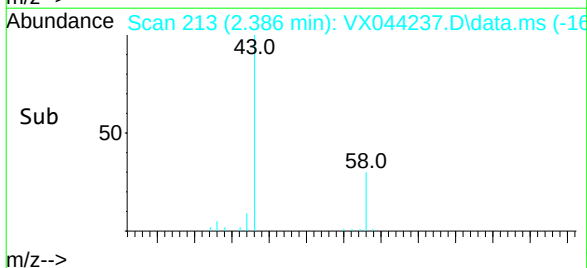
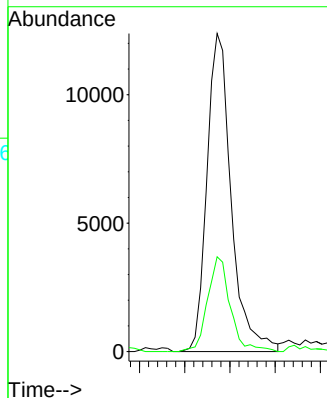
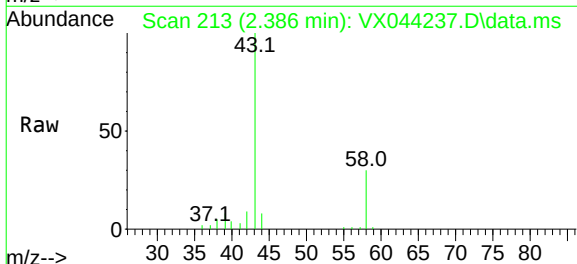
Manual Integrations
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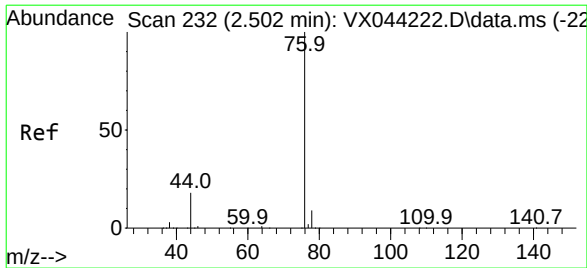
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#16
Acetone
Concen: 23.079 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51

Tgt Ion: 43 Resp: 23084
Ion Ratio Lower Upper
43 100
58 29.8 21.6 32.4





#17

Carbon Disulfide

Concen: 4.157 ug/l

RT: 2.496 min Scan# 23

Delta R.T. -0.006 min

Lab File: VX044237.D

Acq: 11 Dec 2024 18:51

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion: 76 Resp: 12392

Ion Ratio Lower Upper

76 100

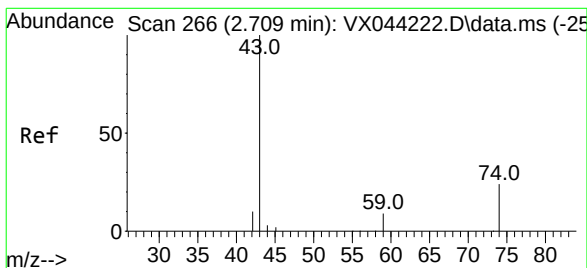
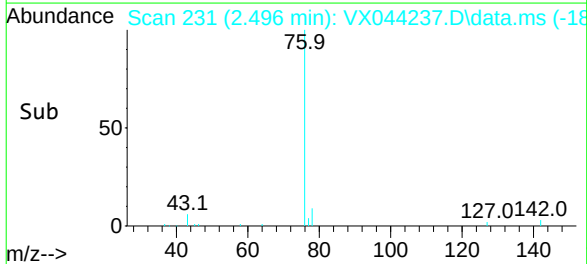
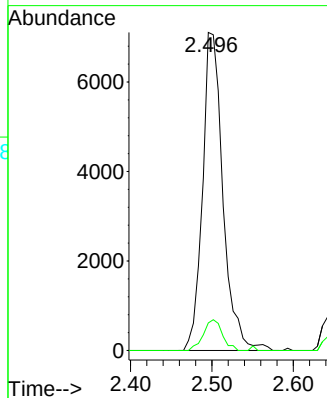
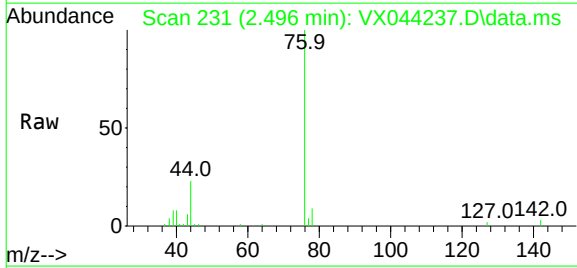
78 8.7 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#18

Methyl Acetate

Concen: 5.056 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX044237.D

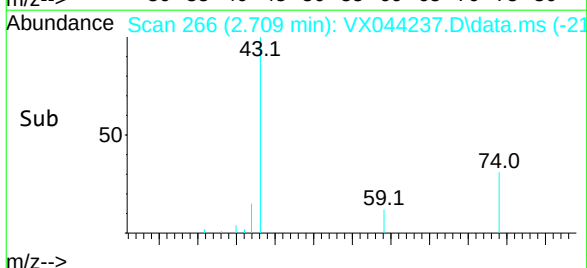
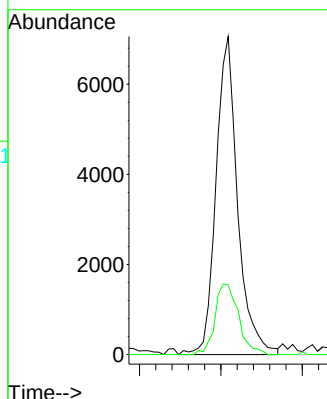
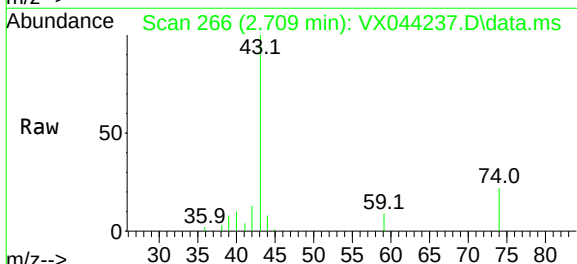
Acq: 11 Dec 2024 18:51

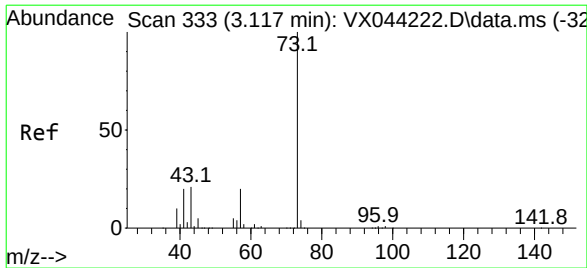
Tgt Ion: 43 Resp: 13039

Ion Ratio Lower Upper

43 100

74 24.1 17.7 26.5





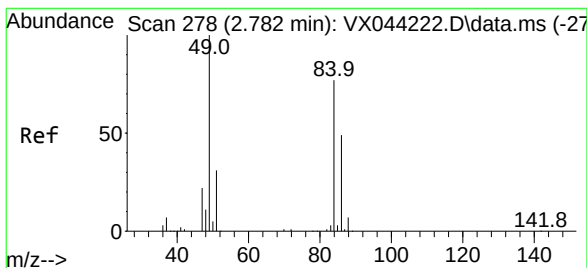
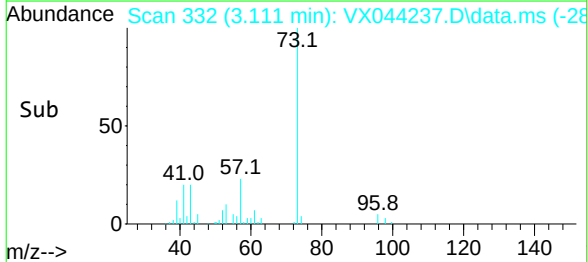
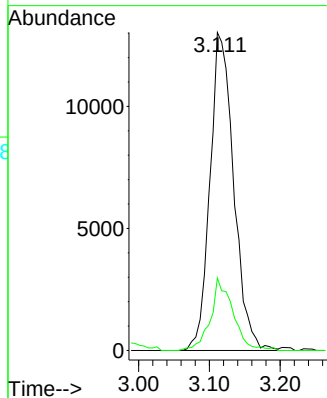
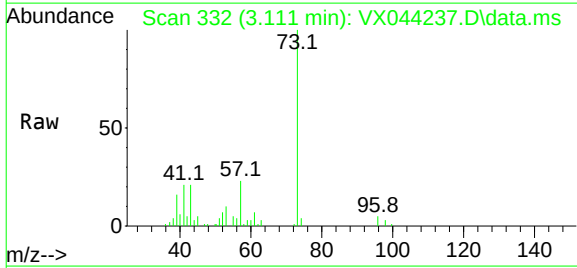
#19
Methyl tert-butyl Ether
Concen: 4.963 ug/l
RT: 3.111 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51

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

Tgt Ion: 73 Resp: 30378
Ion Ratio Lower Upper
73 100
57 22.8 16.2 24.4

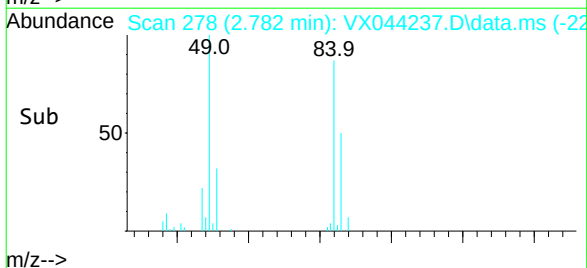
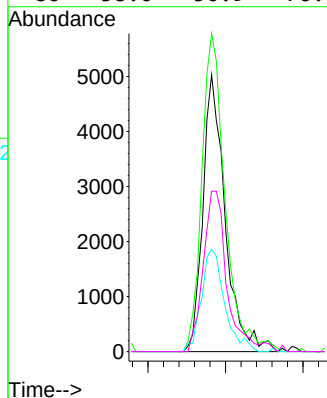
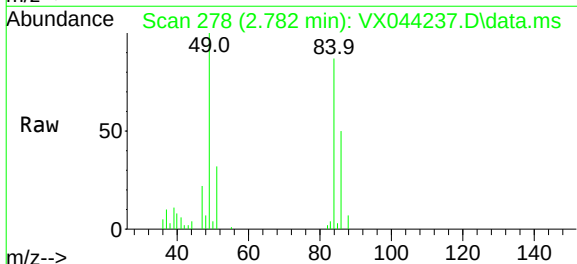
Manual Integrations
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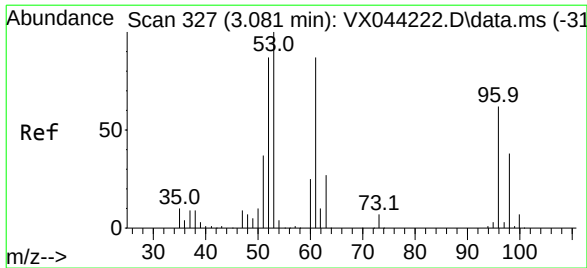
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#20
Methylene Chloride
Concen: 5.335 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51

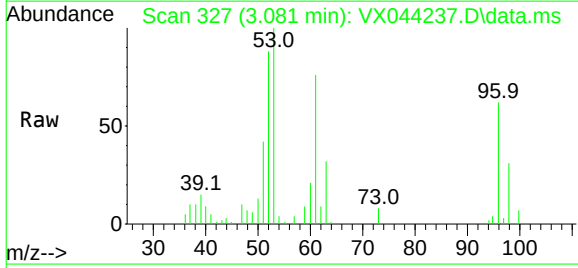
Tgt Ion: 84 Resp: 10023
Ion Ratio Lower Upper
84 100
49 114.9 104.2 156.4
51 37.0 32.2 48.4
86 58.0 50.9 76.3





#21
trans-1,2-Dichloroethene
Concen: 4.805 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.000 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51

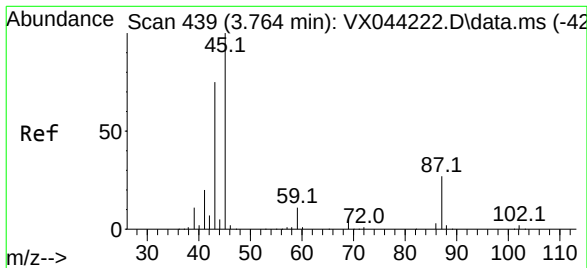
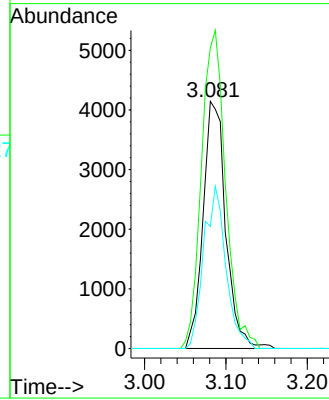
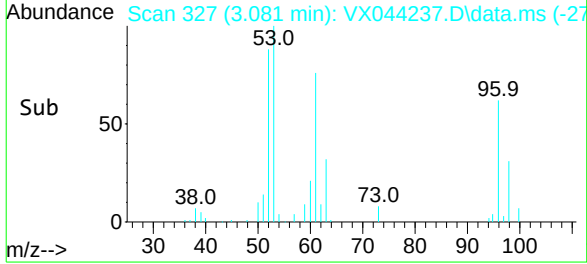
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2024



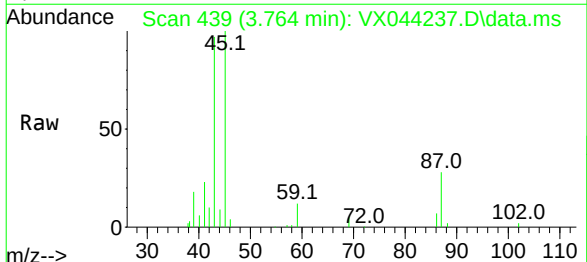
Tgt Ion: 96 Resp: 8010
Ion Ratio Lower Upper
96 100
61 121.7 112.0 168.0
98 49.5 48.8 73.2

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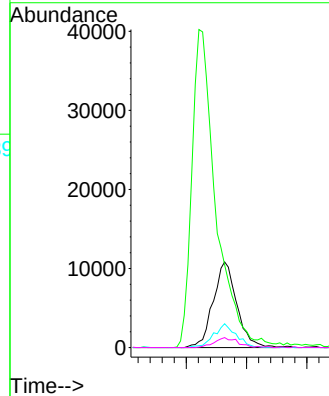
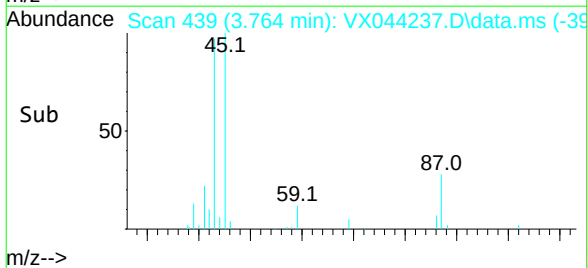
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

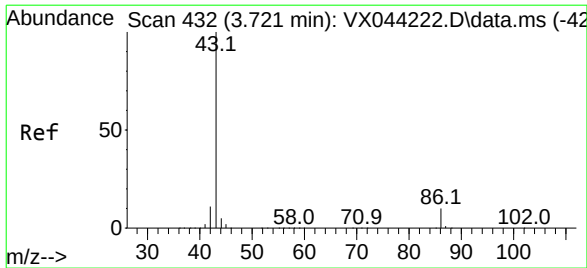


#22
Diisopropyl ether
Concen: 5.015 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51



Tgt Ion: 45 Resp: 29503
Ion Ratio Lower Upper
45 100
43 91.1 60.2 90.2#
87 27.9 21.2 31.8
59 11.7 8.9 13.3





#23

Vinyl Acetate

Concen: 23.350 ug/l

RT: 3.721 min Scan# 43

Delta R.T. 0.000 min

Lab File: VX044237.D

Acq: 11 Dec 2024 18:51

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion: 43 Resp: 111675

Ion Ratio Lower Upper

43 100

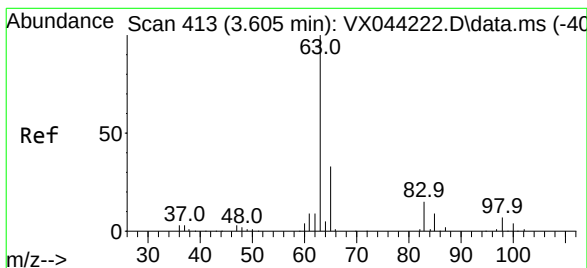
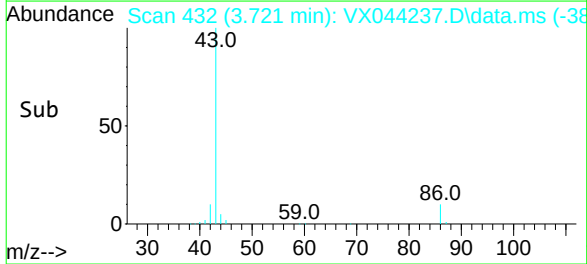
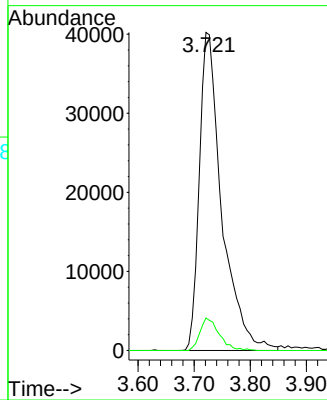
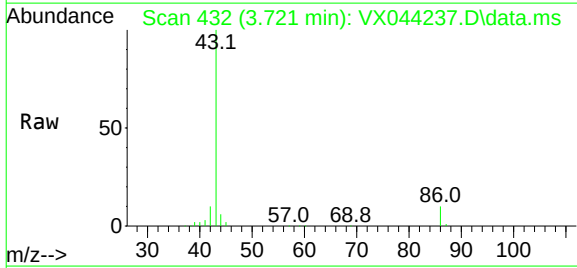
86 10.2 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#24

1,1-Dichloroethane

Concen: 5.222 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX044237.D

Acq: 11 Dec 2024 18:51

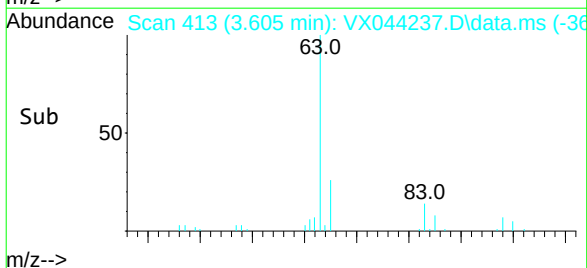
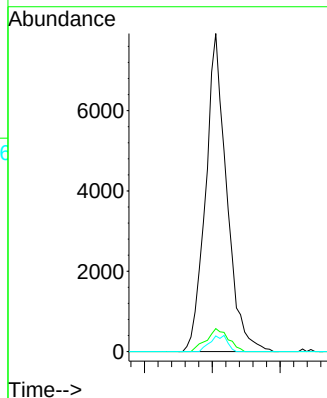
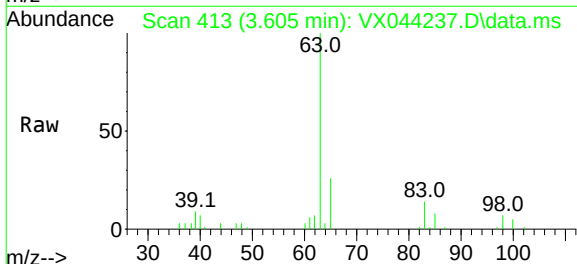
Tgt Ion: 63 Resp: 17122

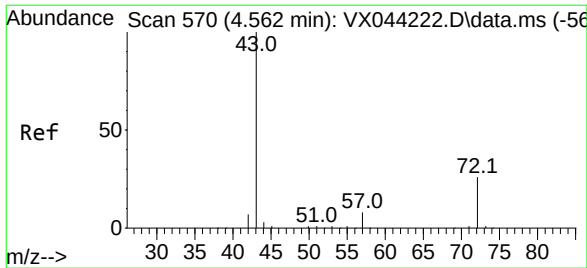
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 4.9 2.1 6.3





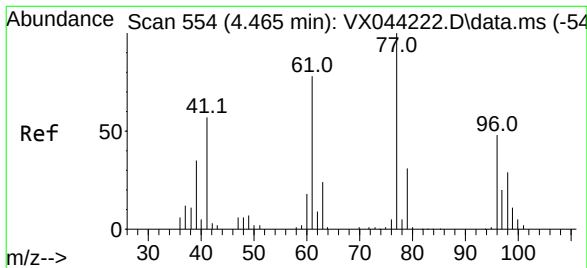
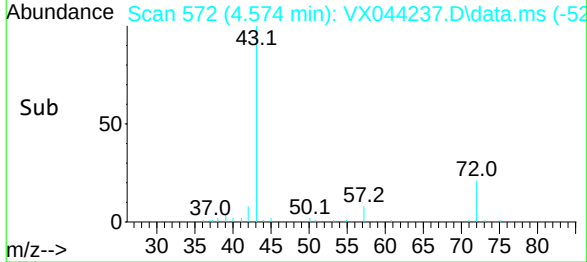
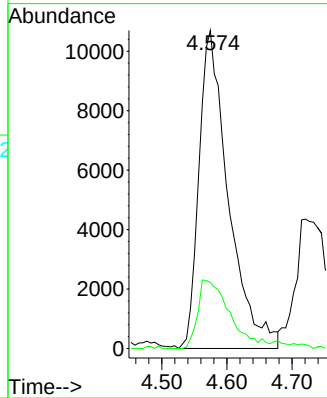
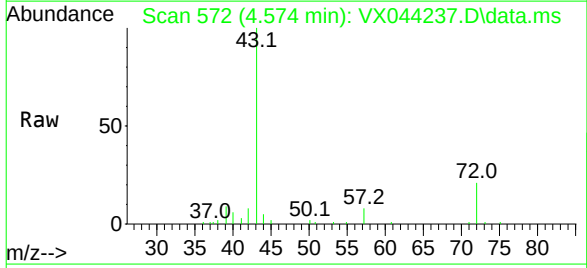
#25
2-Butanone
Concen: 23.612 ug/l
RT: 4.574 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51

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

Tgt Ion: 43 Resp: 33574
Ion Ratio Lower Upper
43 100
72 20.8 20.2 30.4

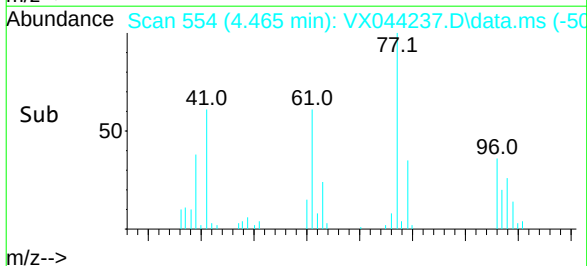
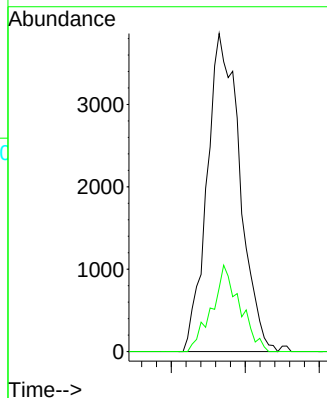
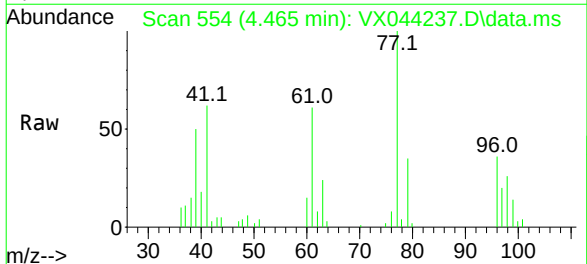
Manual Integrations
APPROVED

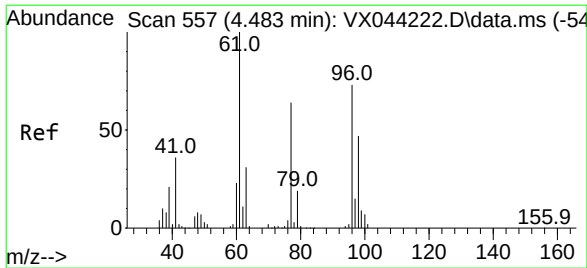
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#26
2,2-Dichloropropane
Concen: 4.461 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51

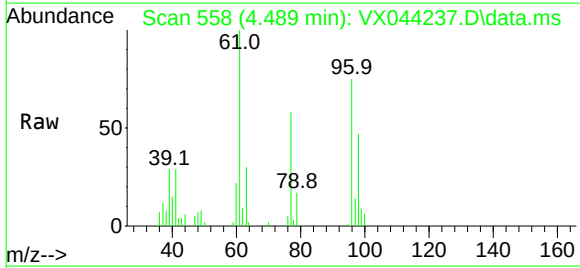
Tgt Ion: 77 Resp: 11884
Ion Ratio Lower Upper
77 100
97 23.3 10.7 32.1





#27
cis-1,2-Dichloroethene
Concen: 4.751 ug/l
RT: 4.489 min Scan# 557
Delta R.T. 0.006 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51

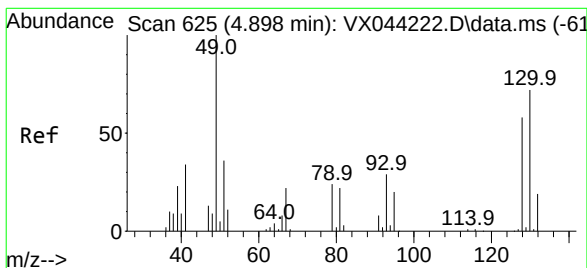
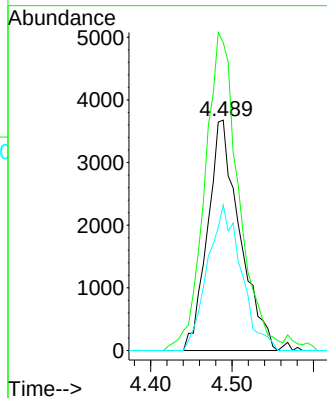
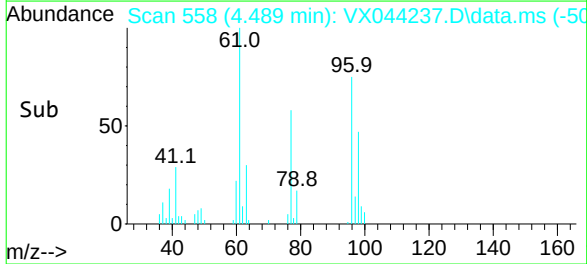
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 96 Resp: 10057
Ion Ratio Lower Upper
96 100
61 146.0 0.0 299.0
98 66.4 0.0 129.0

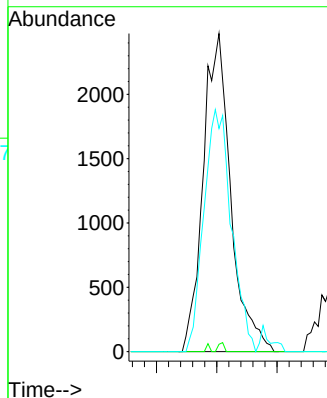
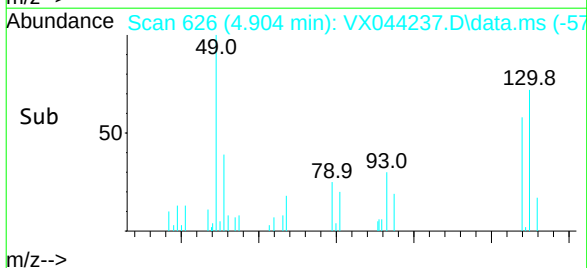
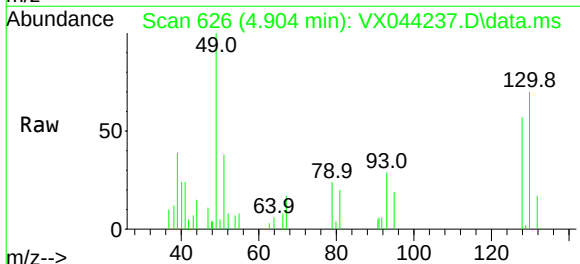
Manual Integrations
APPROVED

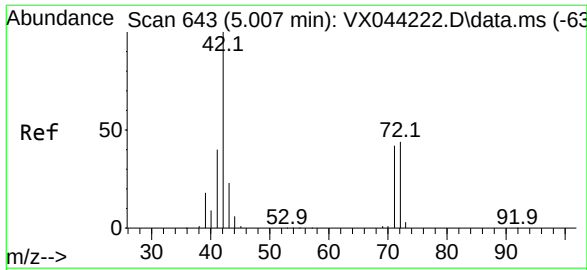
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#28
Bromochloromethane
Concen: 4.893 ug/l
RT: 4.904 min Scan# 626
Delta R.T. 0.006 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51

Tgt Ion: 49 Resp: 7868
Ion Ratio Lower Upper
49 100
129 0.6 0.0 4.2
130 75.9 62.1 93.1





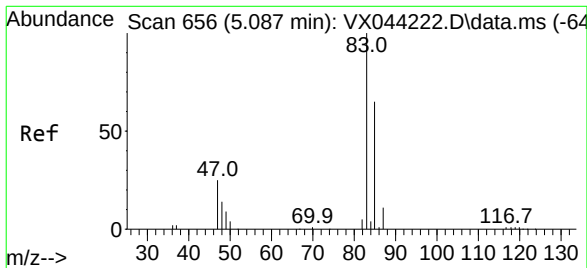
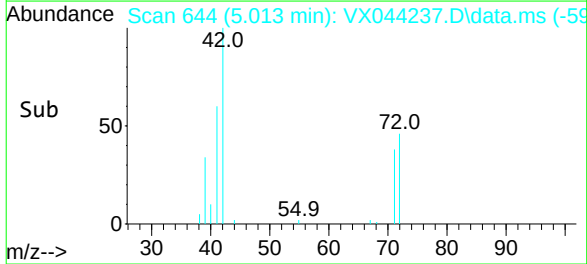
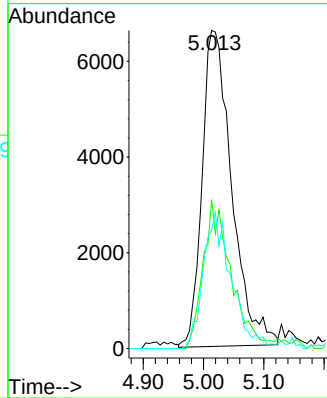
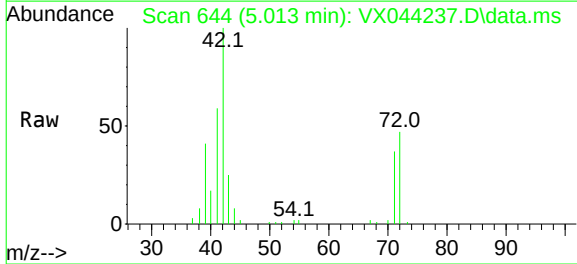
#29
Tetrahydrofuran
Concen: 24.714 ug/l
RT: 5.013 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51

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

Tgt Ion:	42	Resp:	22556
Ion	Ratio	Lower	Upper
42	100		
72	44.3	37.0	55.6
71	40.9	33.6	50.4

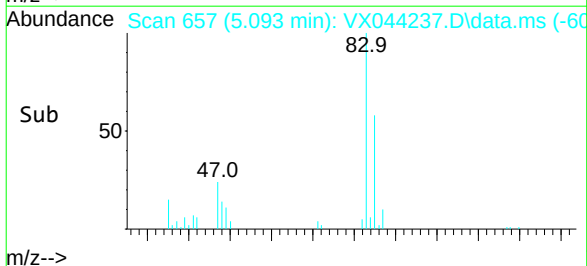
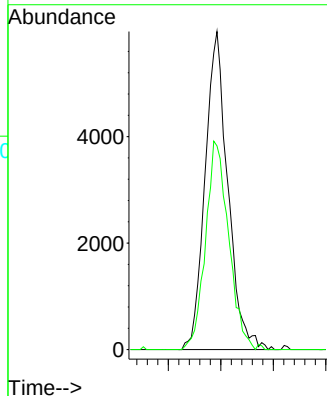
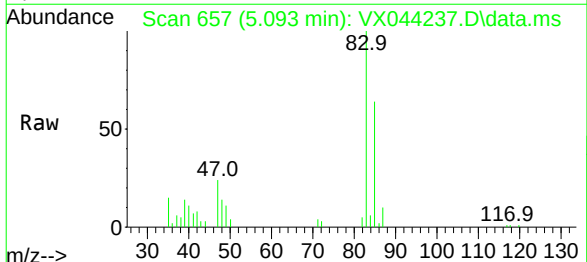
Manual Integrations
APPROVED

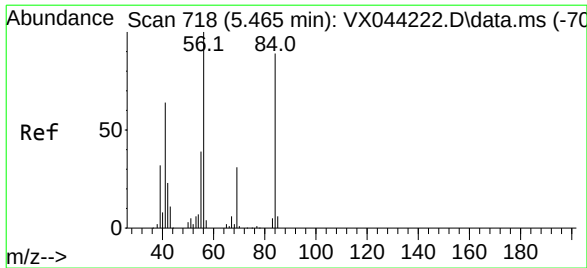
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#30
Chloroform
Concen: 4.882 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51

Tgt Ion:	83	Resp:	17985
Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.6	77.4





#31

Cyclohexane

Concen: 5.150 ug/l

RT: 5.458 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX044237.D

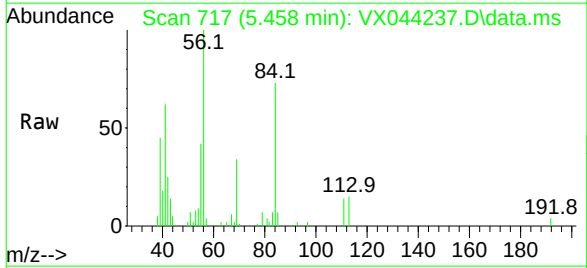
Acq: 11 Dec 2024 18:51

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2024



Tgt Ion: 56 Resp: 13637

Ion Ratio Lower Upper

56 100

69 34.1 24.7 37.1

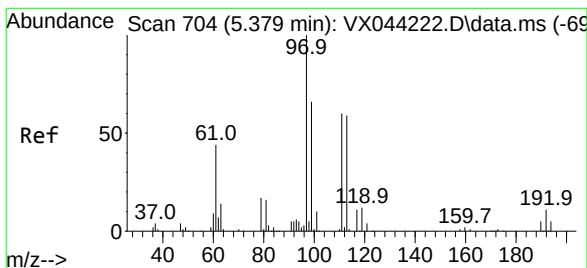
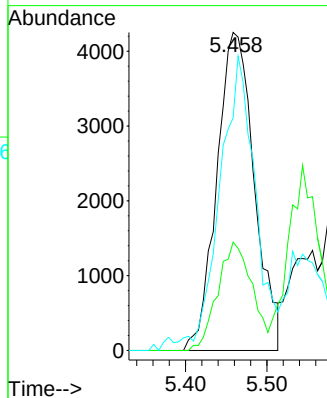
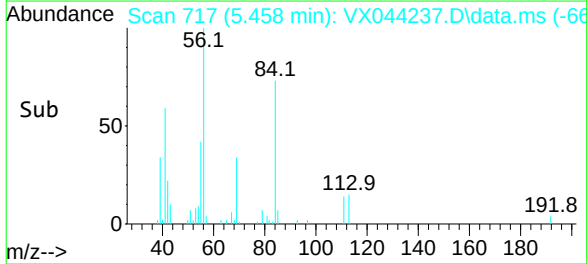
84 70.4 71.0 106.6#

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#32

1,1,1-Trichloroethane

Concen: 4.775 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX044237.D

Acq: 11 Dec 2024 18:51

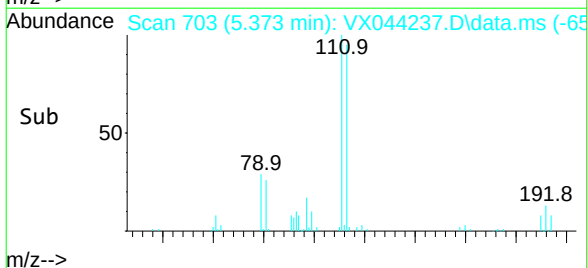
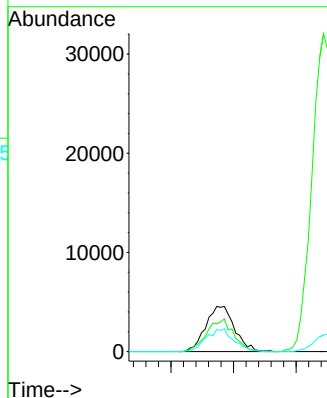
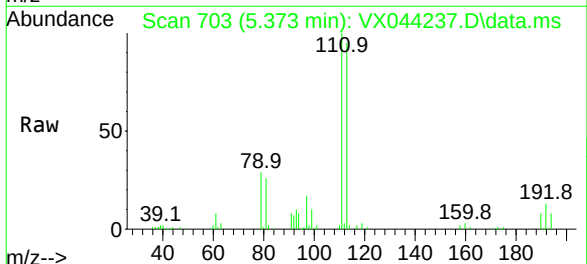
Tgt Ion: 97 Resp: 14602

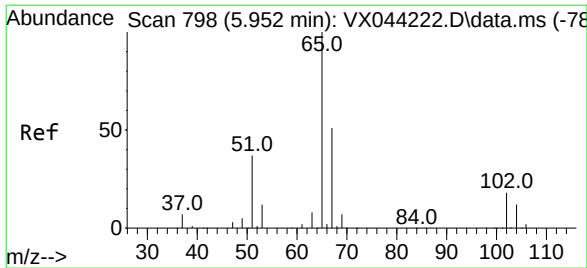
Ion Ratio Lower Upper

97 100

99 67.1 50.8 76.2

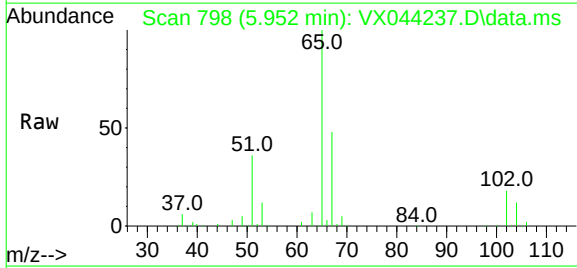
61 47.6 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 52.056 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51

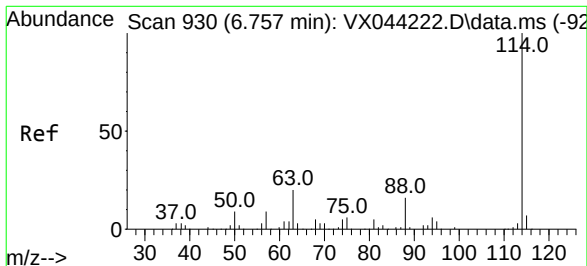
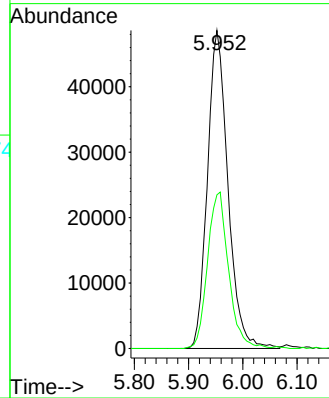
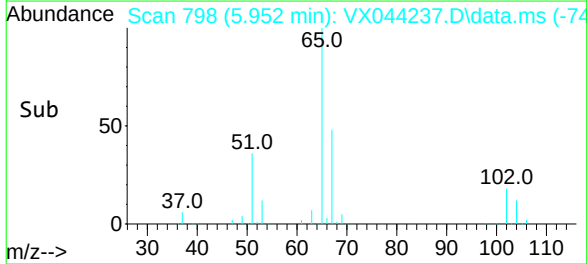
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2024



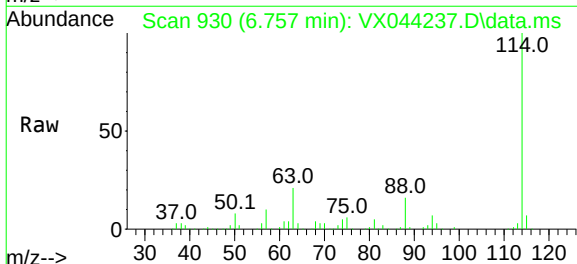
Tgt Ion: 65 Resp: 127712
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.6

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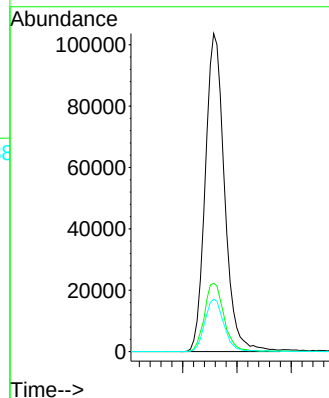
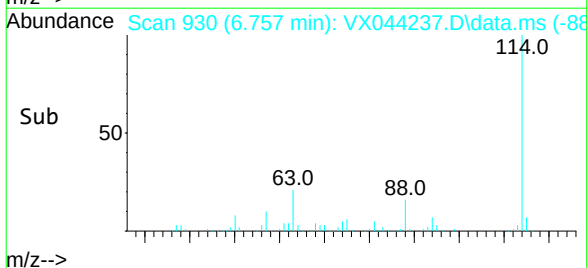
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

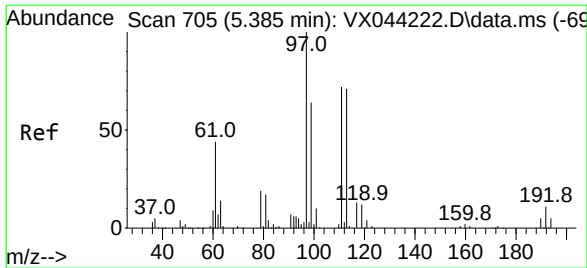


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51



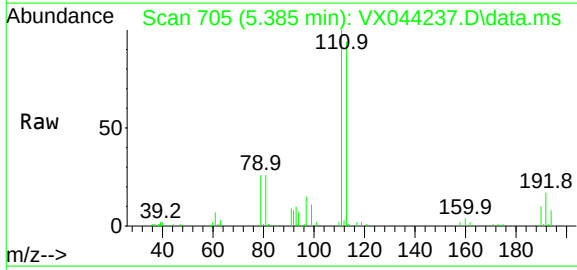
Tgt Ion:114 Resp: 255790
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.6
88 16.5 0.0 31.8





#35
Dibromofluoromethane
Concen: 50.223 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51

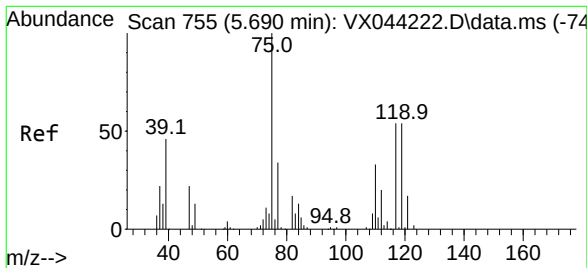
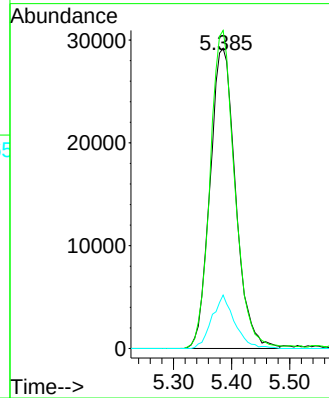
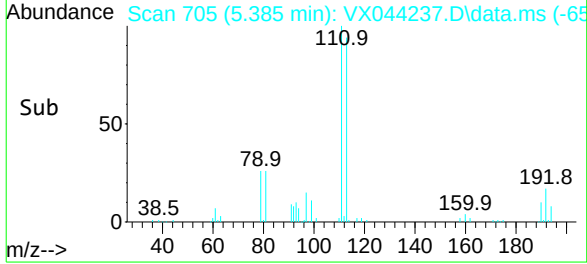
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:	113	Resp:	88974
Ion	Ratio	Lower	Upper
113	100		
111	102.5	80.4	120.6
192	15.9	13.3	19.9

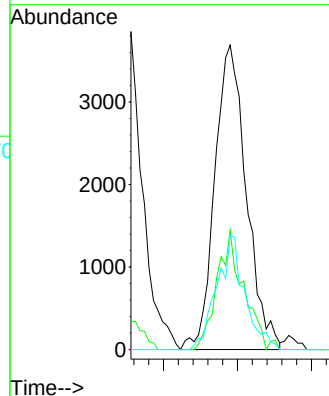
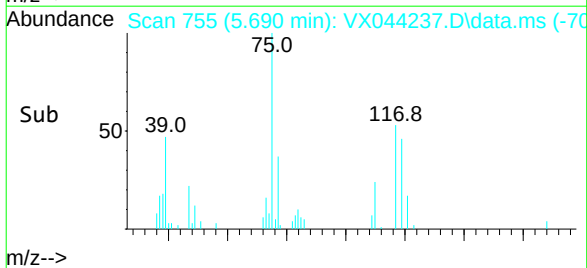
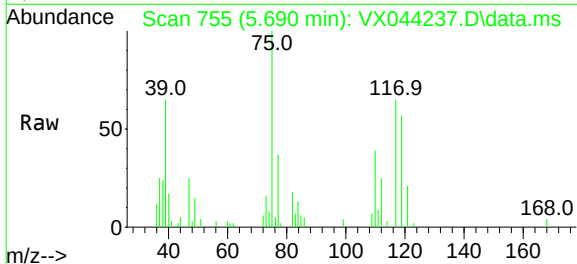
Manual Integrations
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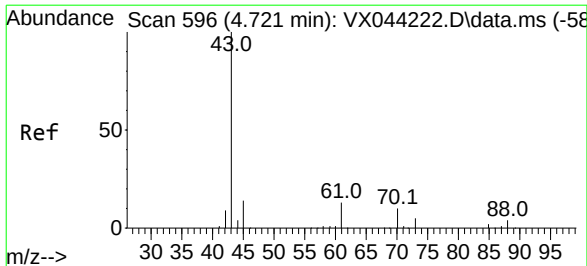
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#36
1,1-Dichloropropene
Concen: 4.774 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51

Tgt Ion:	75	Resp:	10933
Ion	Ratio	Lower	Upper
75	100		
110	33.1	17.3	51.7
77	33.1	25.4	38.0





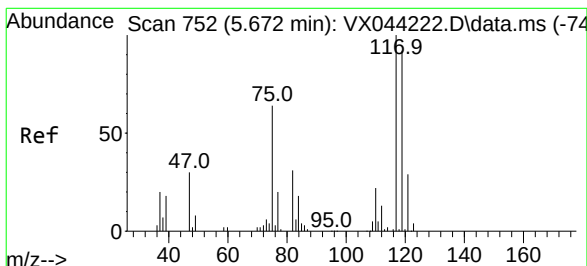
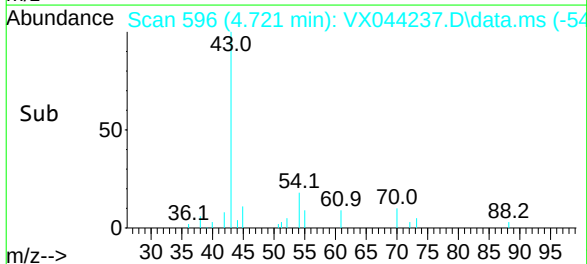
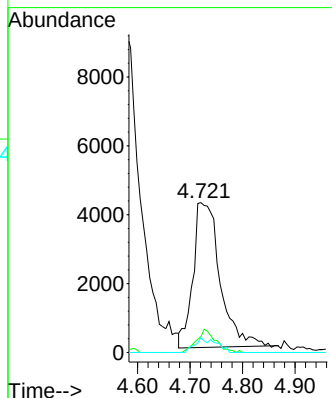
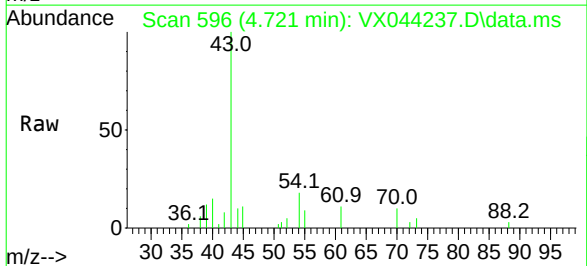
#37
Ethyl Acetate
Concen: 5.322 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51

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

Tgt Ion:	43	Resp:	15066
Ion	Ratio	Lower	Upper
43	100		
61	11.3	9.8	14.8
70	4.5	7.7	11.5#

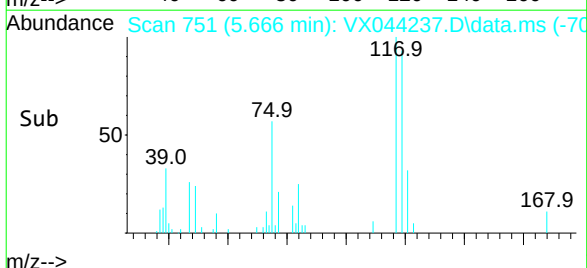
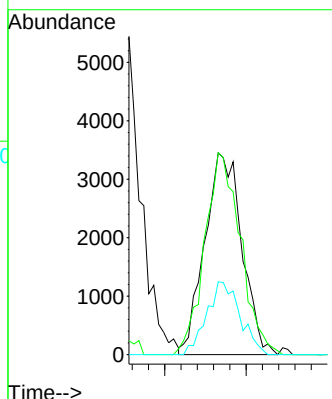
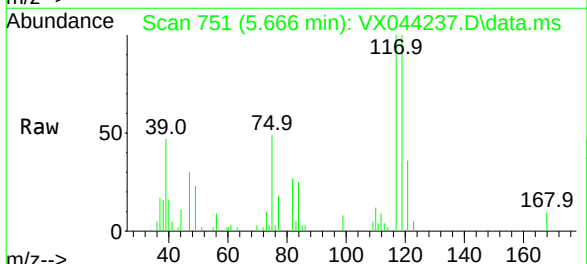
Manual Integrations
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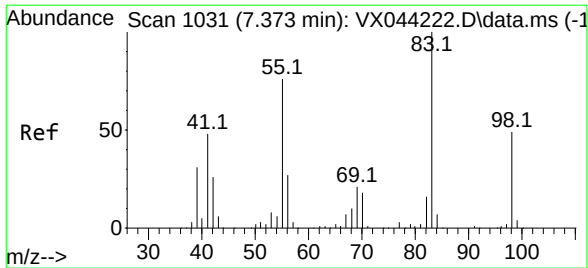
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#38
Carbon Tetrachloride
Concen: 4.431 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51

Tgt Ion:	117	Resp:	10924
Ion	Ratio	Lower	Upper
117	100		
119	98.1	74.2	111.4
121	36.1	23.0	34.6#





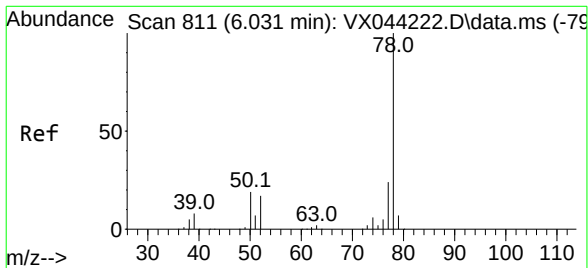
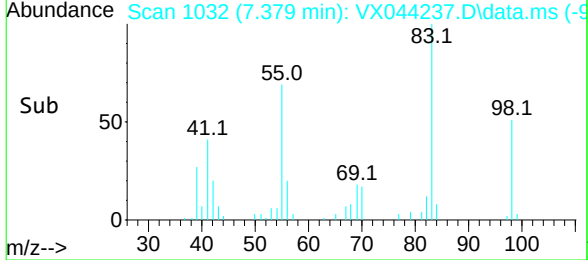
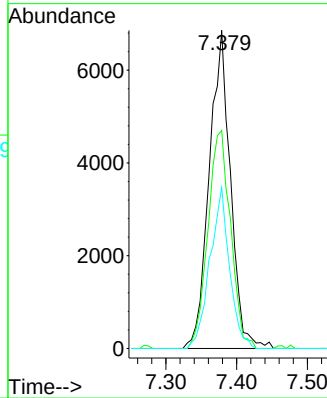
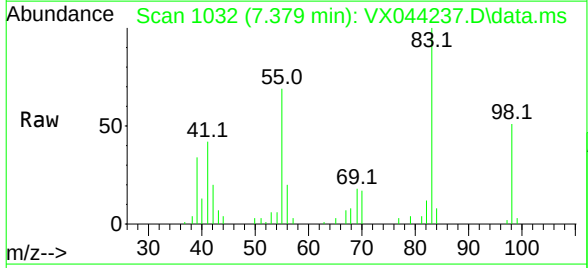
#39
Methylcyclohexane
Concen: 5.217 ug/l
RT: 7.379 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51

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

Tgt Ion	Ratio	Lower	Upper
83	100		
55	68.6	60.7	91.1
98	50.6	38.9	58.3

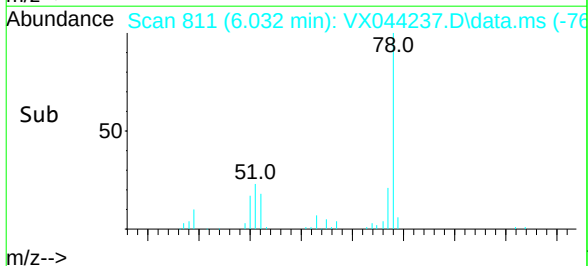
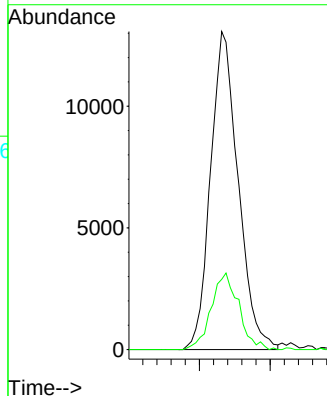
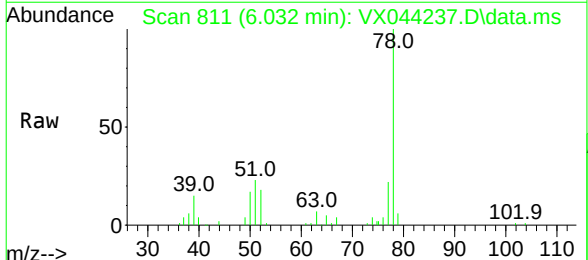
Manual Integrations
APPROVED

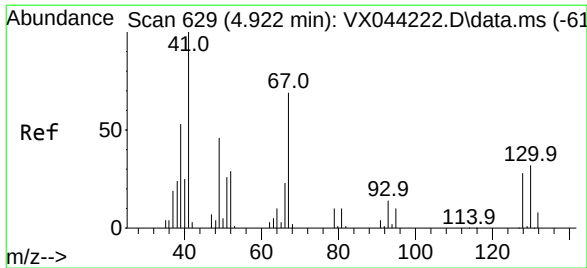
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#40
Benzene
Concen: 5.105 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.1	19.3	28.9





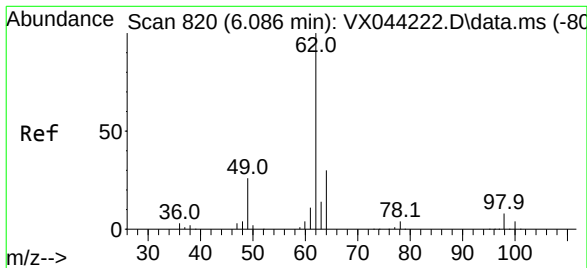
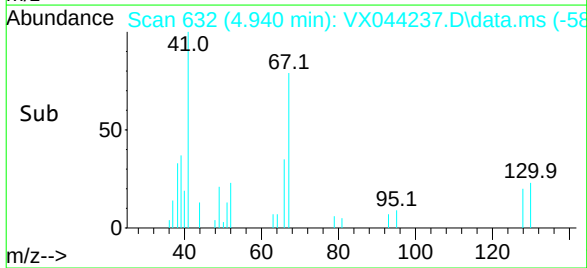
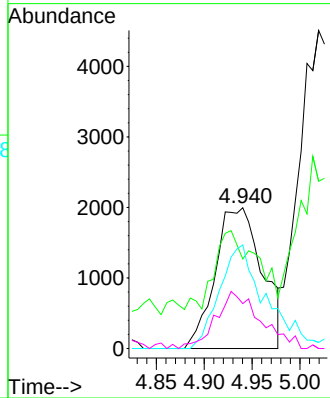
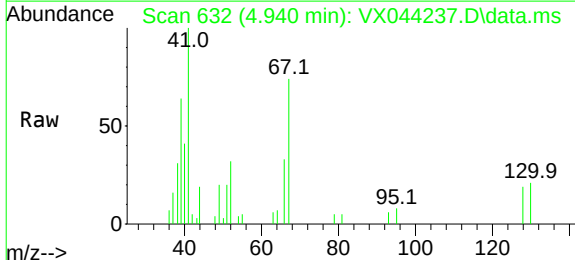
#41
Methacrylonitrile
Concen: 4.536 ug/l
RT: 4.940 min Scan# 631
Delta R.T. 0.018 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51

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

Tgt Ion: 41	Resp: 6818
Ion Ratio	Lower Upper
41 100	
39 55.0	44.2 66.4
67 74.2	57.2 85.8
52 38.2	24.6 37.0#

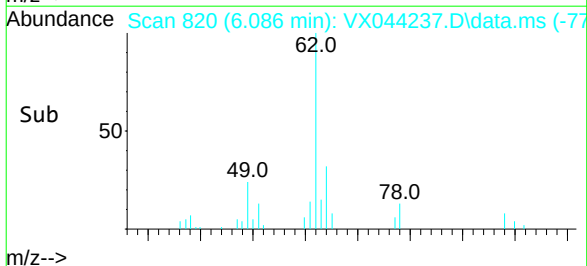
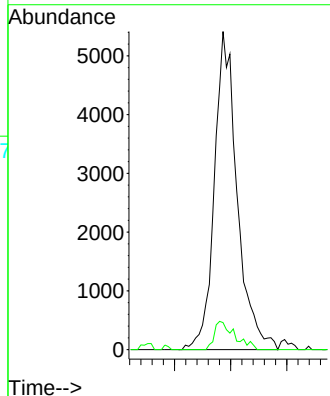
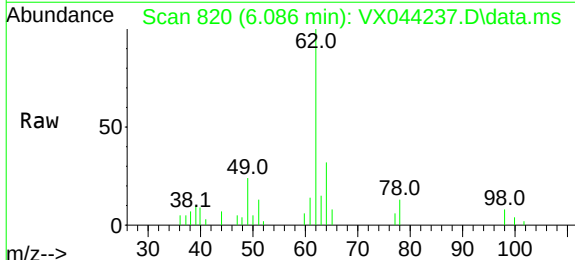
Manual Integrations
APPROVED

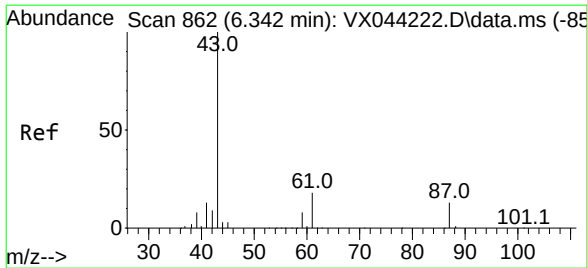
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#42
1,2-Dichloroethane
Concen: 5.335 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51

Tgt	Ion: 62	Resp:	15281
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	15.8





#43

Isopropyl Acetate

Concen: 4.748 ug/l

RT: 6.349 min Scan# 86

Delta R.T. 0.006 min

Lab File: VX044237.D

Acq: 11 Dec 2024 18:51

Instrument :

MSVOA_X

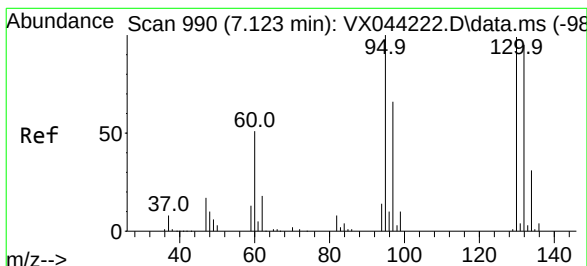
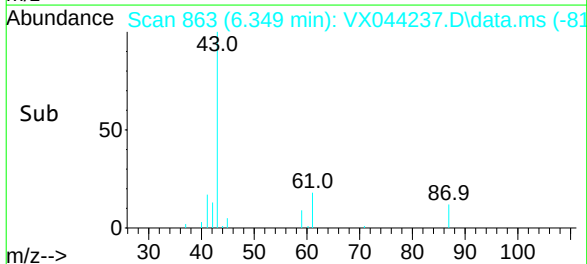
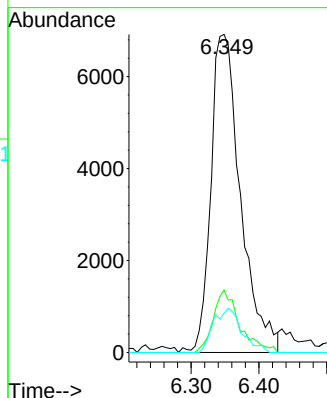
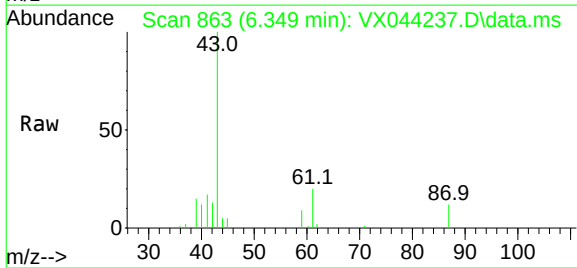
ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:	43	Resp:	21005
Ion	Ratio	Lower	Upper
43	100		
61	17.4	14.2	21.2
87	13.4	10.2	15.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#44

Trichloroethene

Concen: 5.079 ug/l

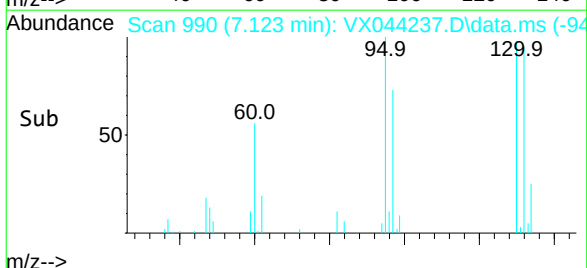
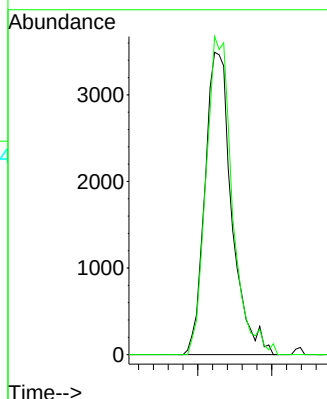
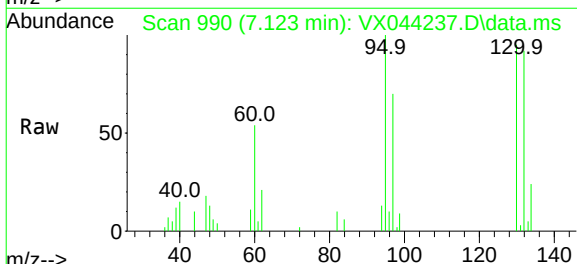
RT: 7.123 min Scan# 990

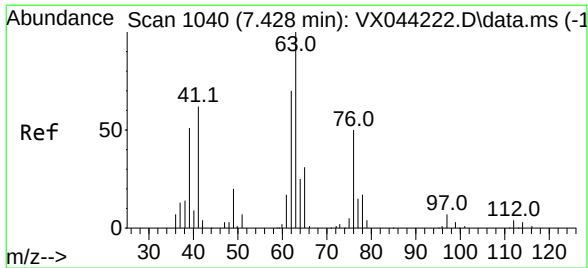
Delta R.T. 0.000 min

Lab File: VX044237.D

Acq: 11 Dec 2024 18:51

Tgt Ion:	130	Resp:	8806
Ion	Ratio	Lower	Upper
130	100		
95	105.2	0.0	201.4





#45

1,2-Dichloropropane

Concen: 4.680 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX044237.D

Acq: 11 Dec 2024 18:51

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion: 63 Resp: 8314

Ion Ratio Lower Upper

63 100

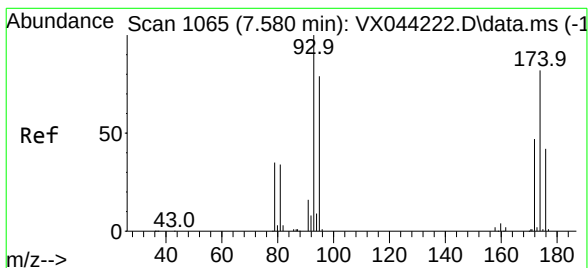
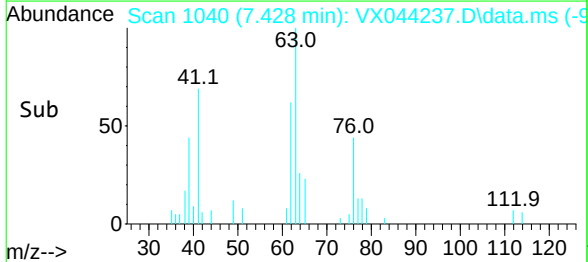
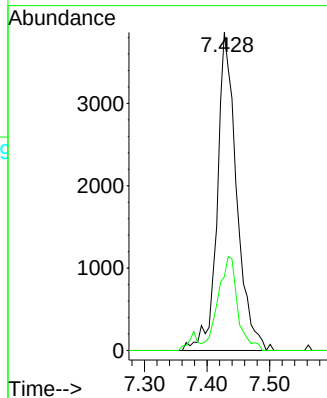
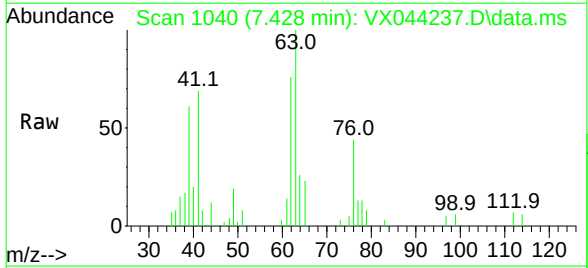
65 23.1 24.6 37.0#

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#46

Dibromomethane

Concen: 4.945 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX044237.D

Acq: 11 Dec 2024 18:51

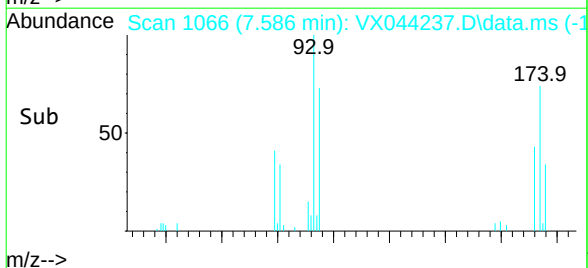
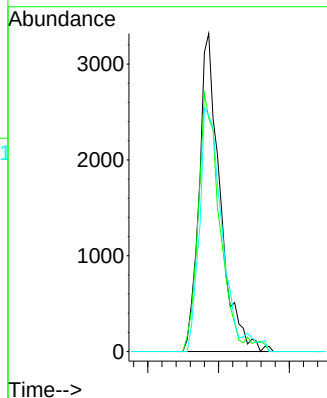
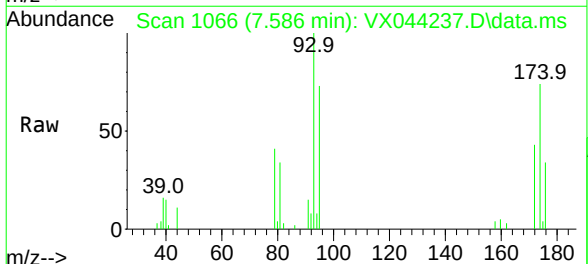
Tgt Ion: 93 Resp: 6815

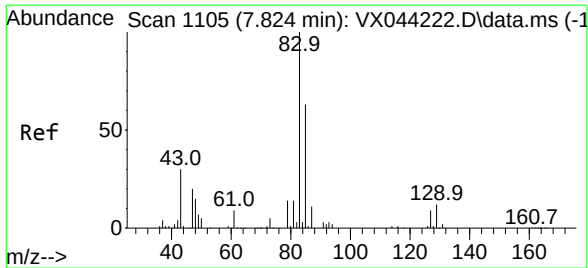
Ion Ratio Lower Upper

93 100

95 81.9 65.4 98.2

174 80.1 67.9 101.9





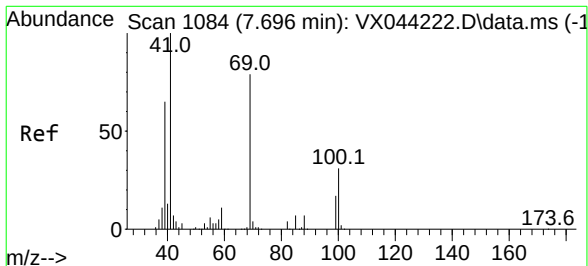
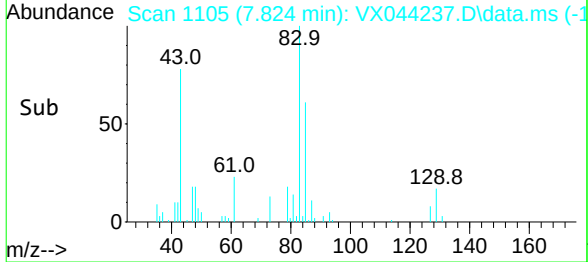
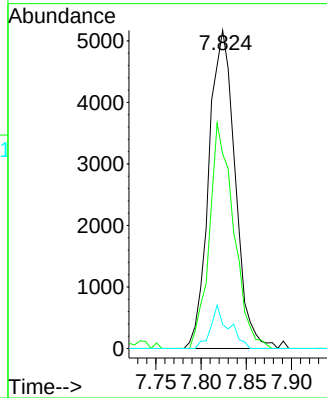
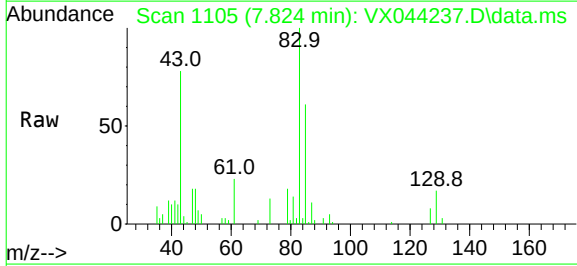
#47
Bromodichloromethane
Concen: 4.389 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51

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

Tgt Ion: 83 Resp: 10446
Ion Ratio Lower Upper
83 100
85 61.2 50.6 75.8
127 7.6 7.3 10.9

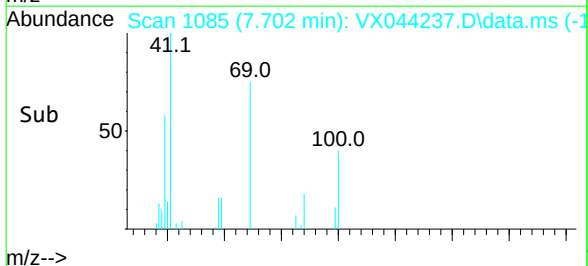
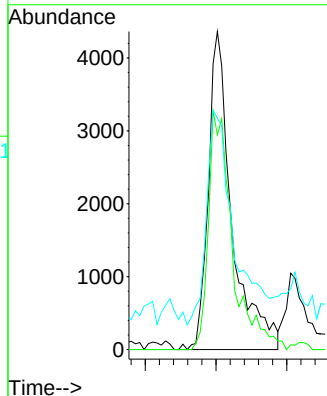
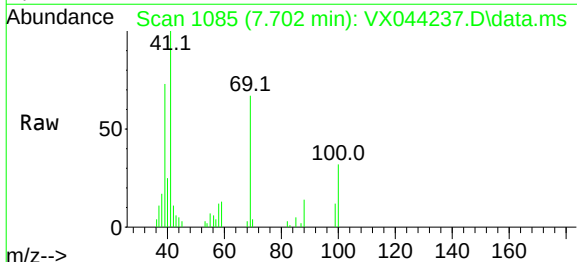
Manual Integrations
APPROVED

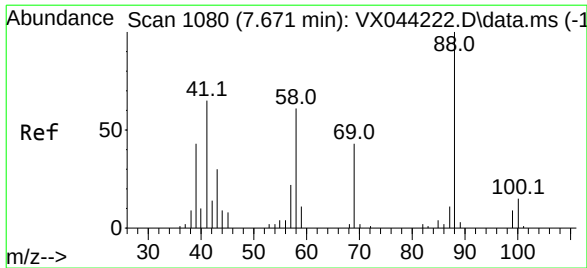
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#48
Methyl methacrylate
Concen: 4.709 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51

Tgt Ion: 41 Resp: 10113
Ion Ratio Lower Upper
41 100
69 76.1 62.4 93.6
39 77.3 53.3 79.9





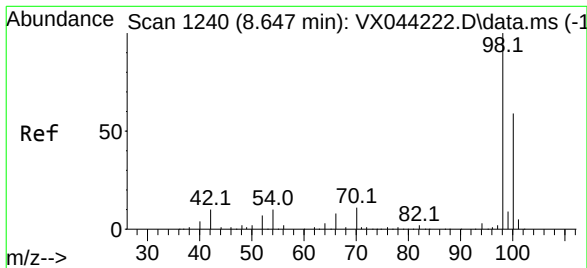
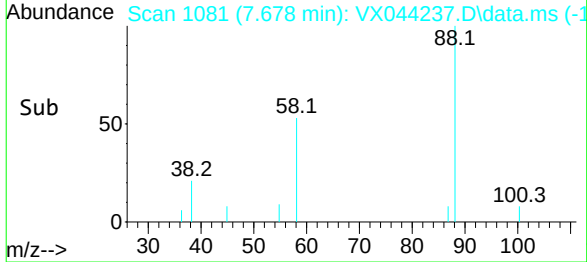
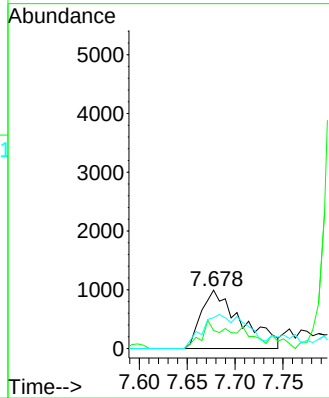
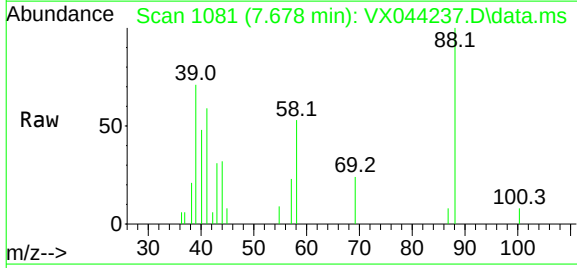
#49
1,4-Dioxane
Concen: 81.329 ug/l
RT: 7.678 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51

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

Tgt Ion: 88 Resp: 2896
Ion Ratio Lower Upper
88 100
43 18.4 27.1 40.7#
58 65.3 41.0 61.4#

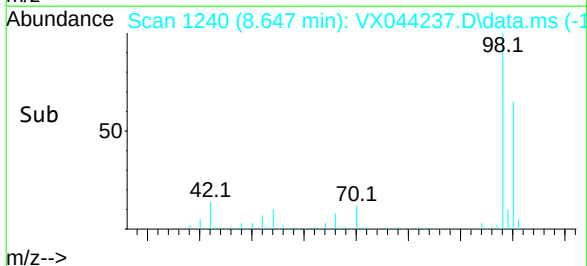
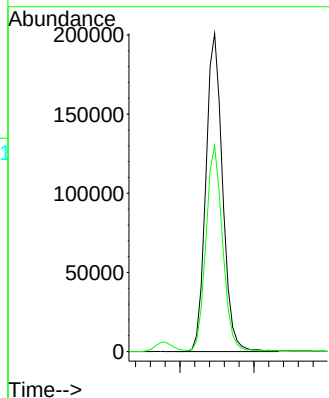
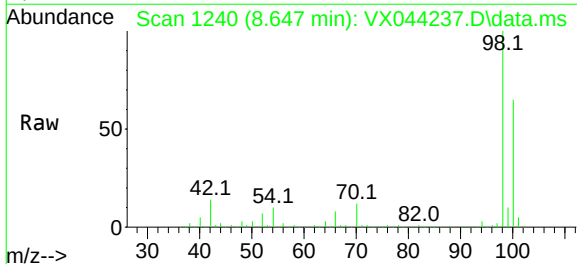
Manual Integrations
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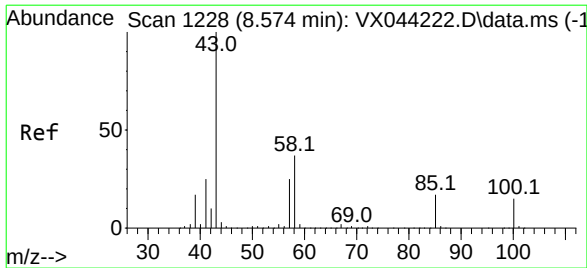
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#50
Toluene-d8
Concen: 52.656 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51

Tgt Ion: 98 Resp: 314716
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 23.053 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX044237.D

Acq: 11 Dec 2024 18:51

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion: 43 Resp: 65580

Ion Ratio Lower Upper

43 100

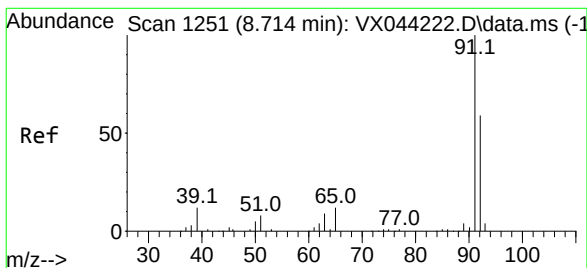
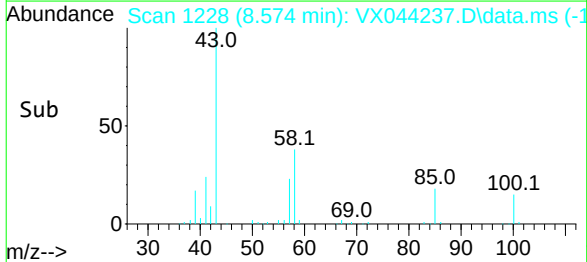
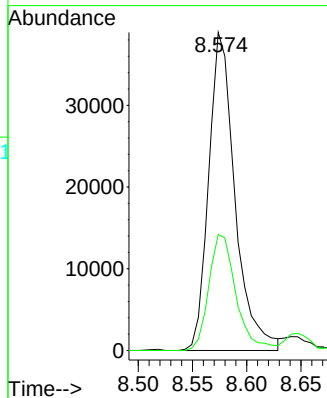
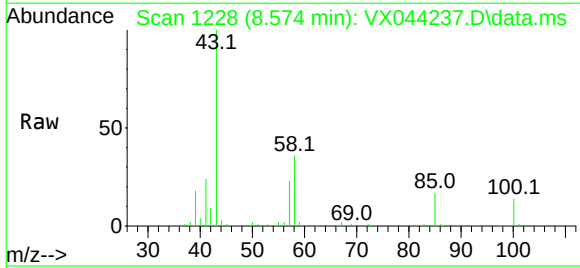
58 37.7 29.4 44.0

Manual Integrations

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Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#52

Toluene

Concen: 4.866 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX044237.D

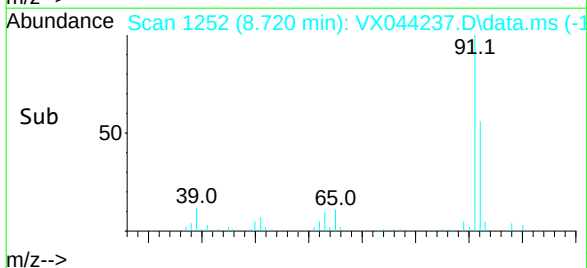
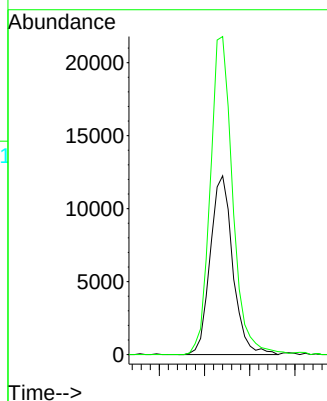
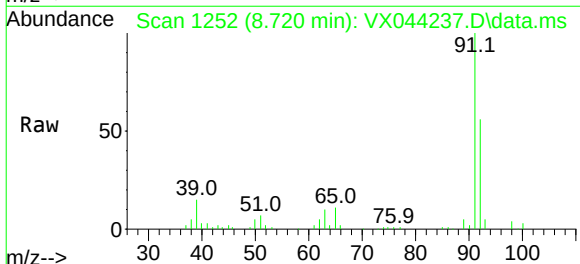
Acq: 11 Dec 2024 18:51

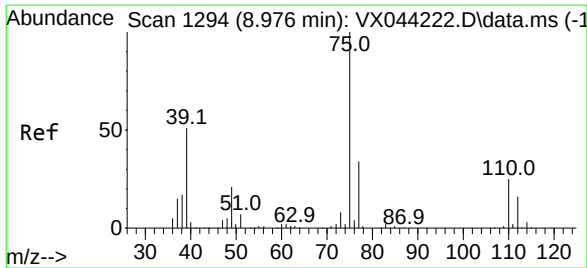
Tgt Ion: 92 Resp: 21245

Ion Ratio Lower Upper

92 100

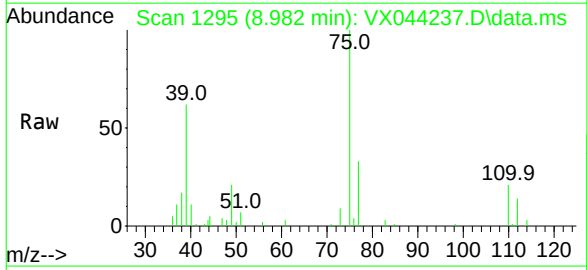
91 176.9 137.0 205.6





#53
t-1,3-Dichloropropene
Concen: 4.237 ug/l
RT: 8.982 min Scan# 1294
Delta R.T. 0.006 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51

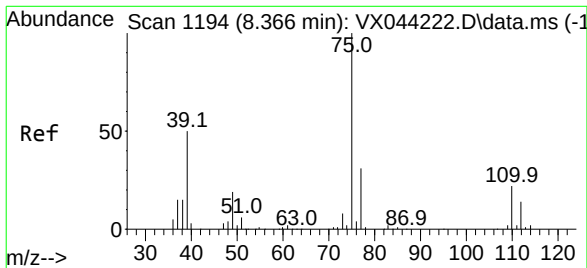
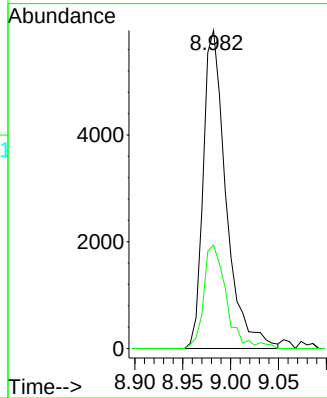
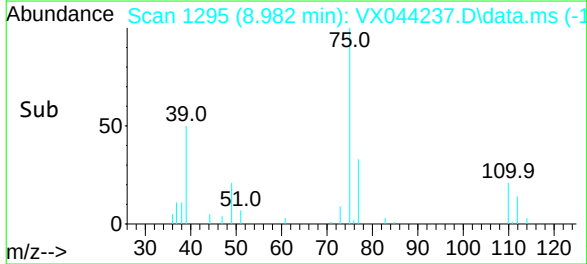
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2024



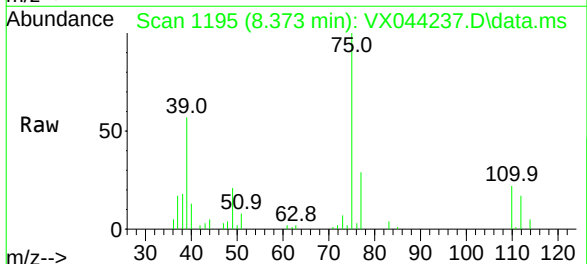
Tgt Ion: 75 Resp: 9876
Ion Ratio Lower Upper
75 100
77 32.5 27.2 40.8

Manual Integrations
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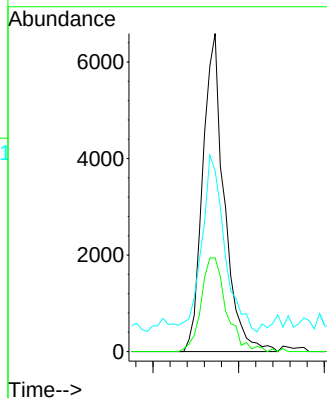
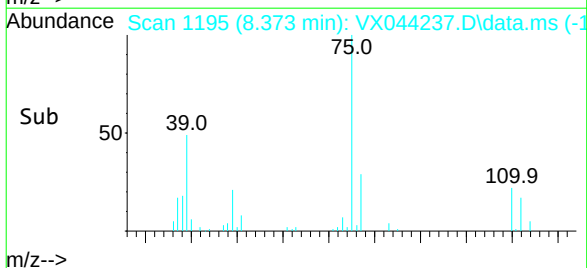
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

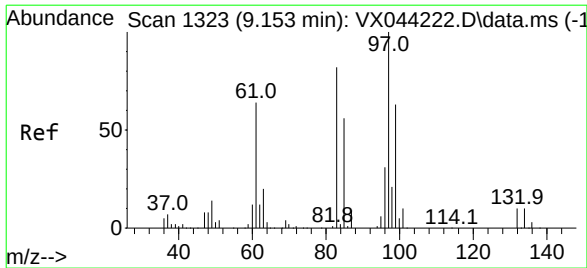


#54
cis-1,3-Dichloropropene
Concen: 4.419 ug/l
RT: 8.373 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51



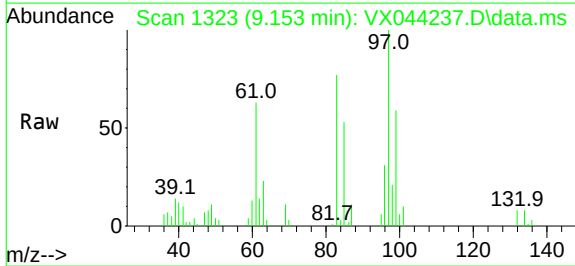
Tgt Ion: 75 Resp: 11452
Ion Ratio Lower Upper
75 100
77 29.5 24.7 37.1
39 48.5 40.3 60.5





#55
1,1,2-Trichloroethane
Concen: 5.287 ug/l
RT: 9.153 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51

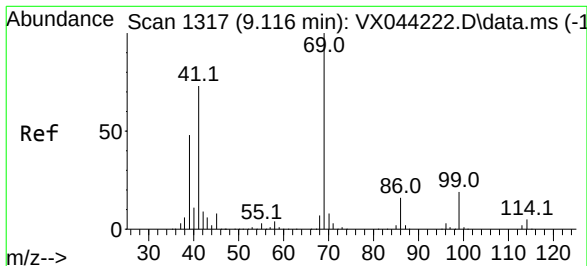
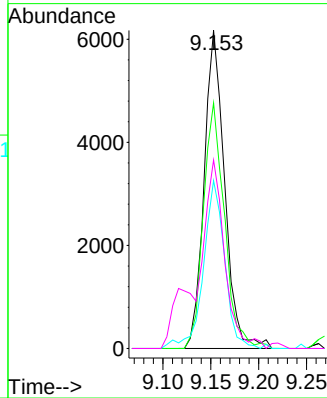
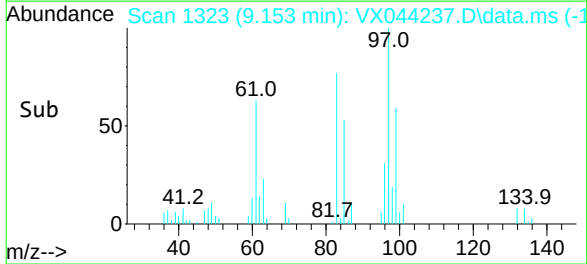
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2024



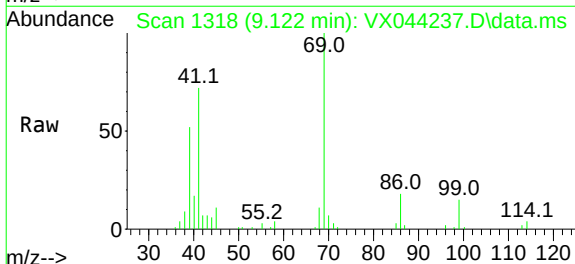
Tgt Ion:	97	Resp:	9171
Ion	Ratio	Lower	Upper
97	100		
83	77.2	65.3	97.9
85	52.8	44.6	67.0
99	57.5	50.2	75.2

Manual Integrations
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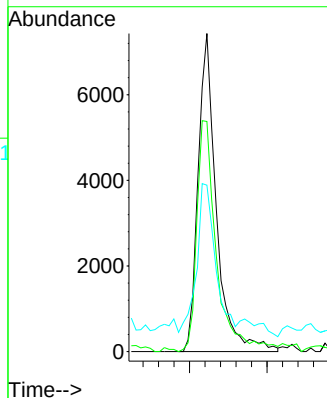
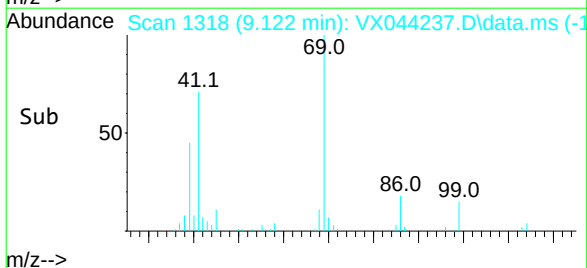
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

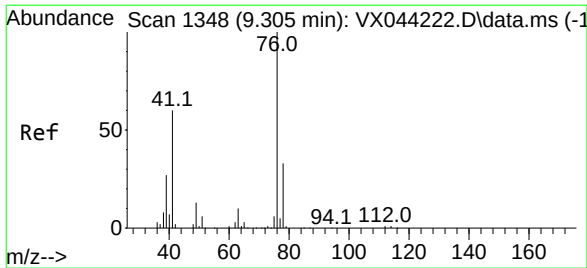


#56
Ethyl methacrylate
Concen: 4.444 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51



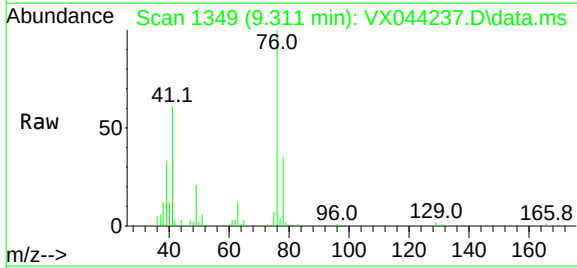
Tgt Ion:	69	Resp:	12170
Ion	Ratio	Lower	Upper
69	100		
41	78.6	56.6	85.0
39	46.7	37.4	56.0





#57
1,3-Dichloropropane
Concen: 5.034 ug/l
RT: 9.311 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51

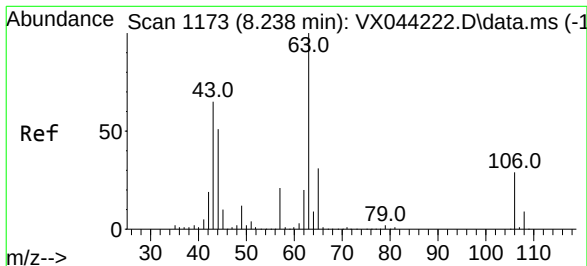
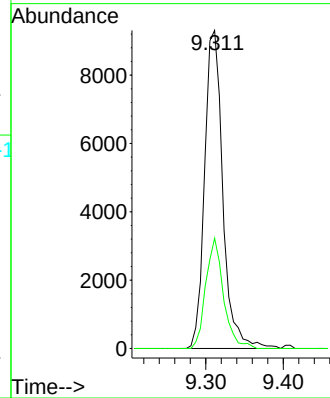
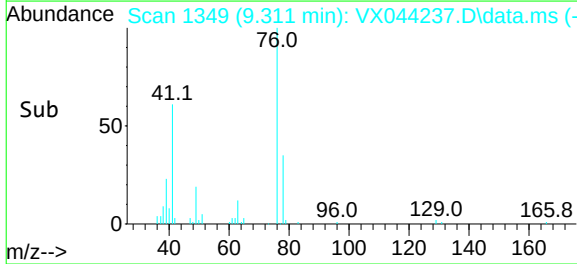
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 76 Resp: 15198
Ion Ratio Lower Upper
76 100
78 33.8 26.5 39.7

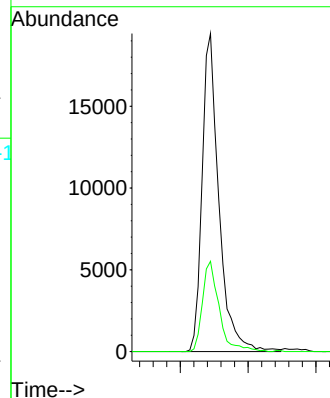
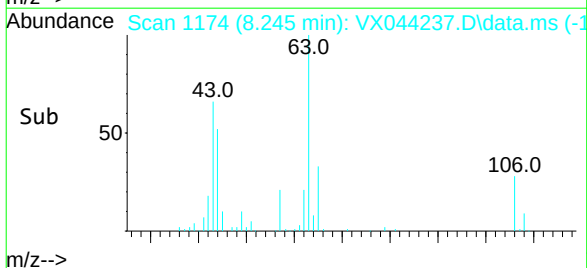
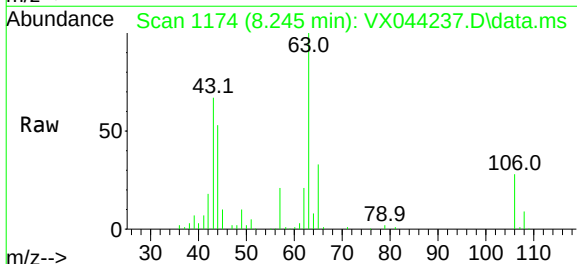
Manual Integrations
APPROVED

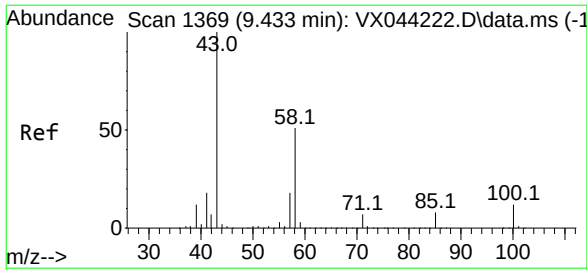
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#58
2-Chloroethyl Vinyl ether
Concen: 24.193 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51

Tgt Ion: 63 Resp: 33413
Ion Ratio Lower Upper
63 100
106 28.3 22.8 34.2





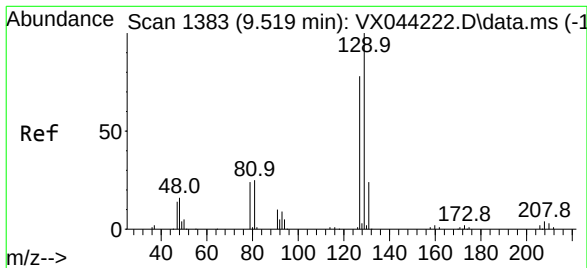
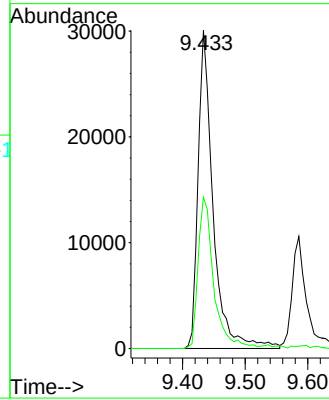
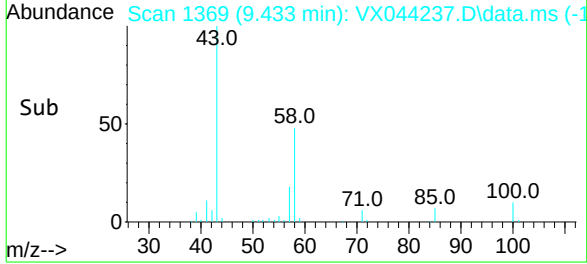
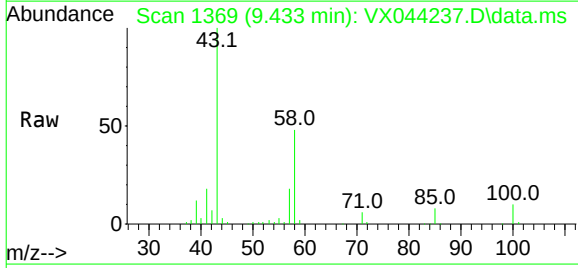
#59
2-Hexanone
Concen: 24.198 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51

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

Tgt Ion: 43 Resp: 49826
Ion Ratio Lower Upper
43 100
58 49.4 25.7 77.0

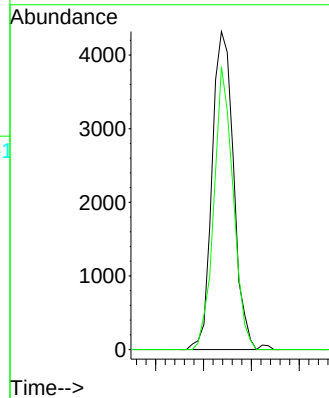
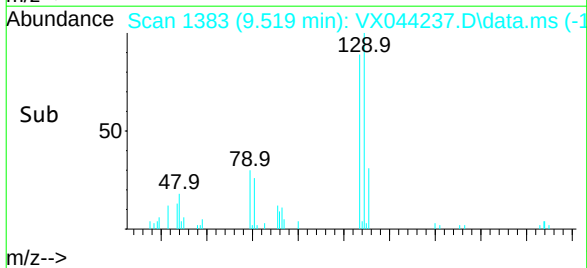
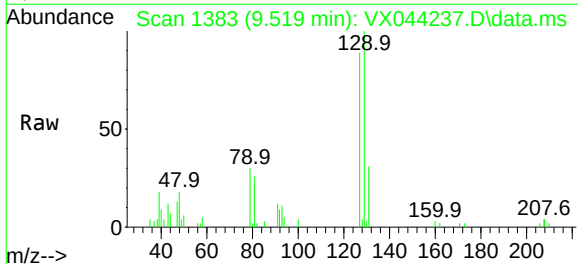
Manual Integrations
APPROVED

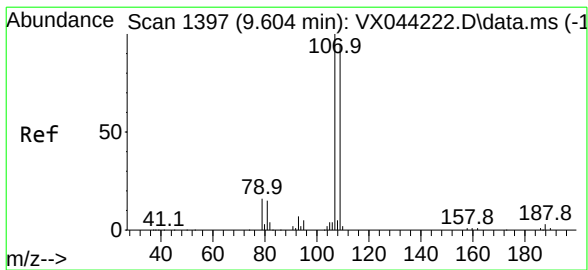
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#60
Dibromochloromethane
Concen: 4.062 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51

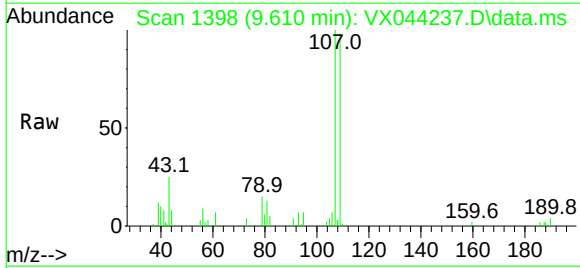
Tgt Ion:129 Resp: 6766
Ion Ratio Lower Upper
129 100
127 79.4 38.5 115.3





#61
1,2-Dibromoethane
Concen: 4.901 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51

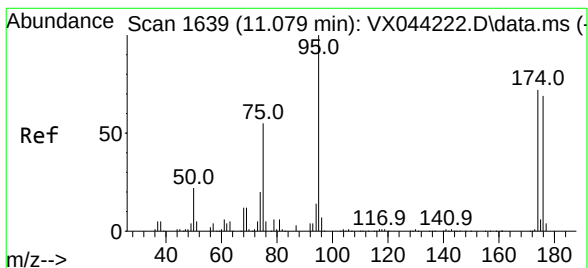
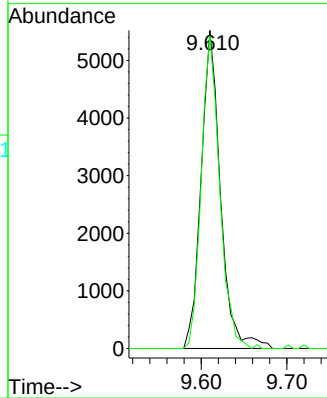
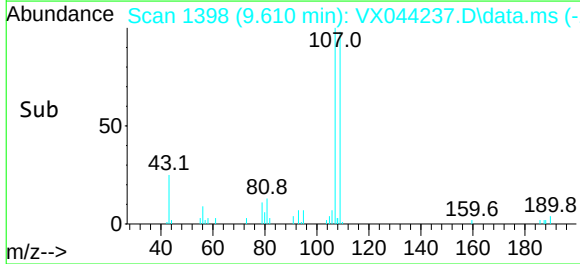
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2024



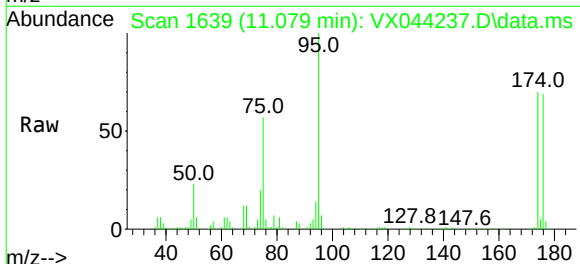
Tgt Ion: 107 Resp: 8654
Ion Ratio Lower Upper
107 100
109 93.4 77.0 115.4

Manual Integrations
APPROVED

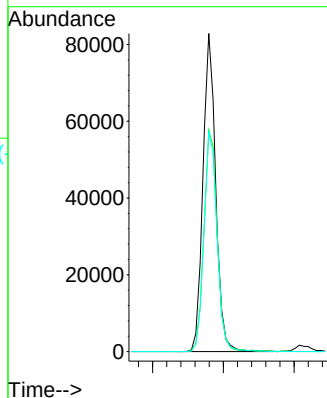
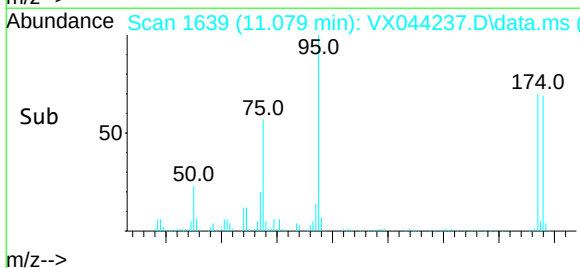
Reviewed By : John Carlone 12/12/2024
Supervised By : Mahesh Dadoda 12/12/2024

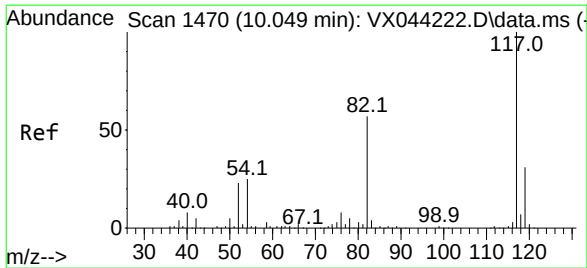


#62
4-Bromofluorobenzene
Concen: 49.577 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51



Tgt Ion: 95 Resp: 103538
Ion Ratio Lower Upper
95 100
174 72.6 0.0 145.8
176 71.1 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044237.D

Acq: 11 Dec 2024 18:51

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2024

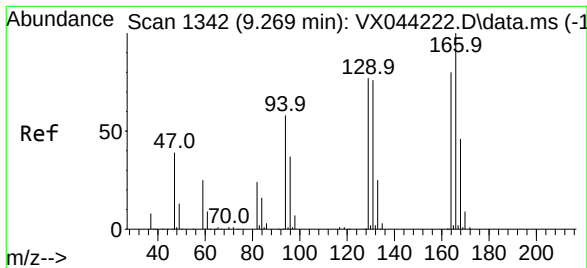
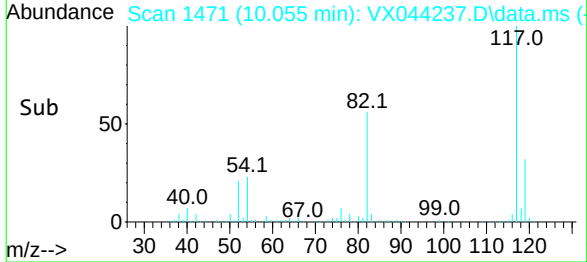
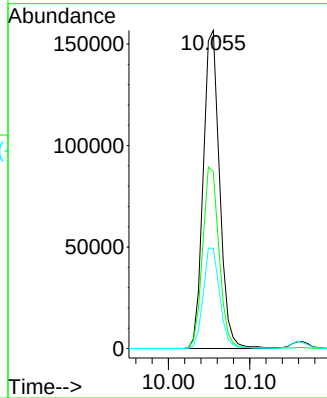
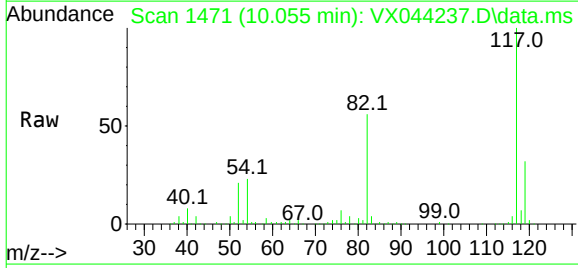
Tgt Ion:	117	Resp:	219055
Ion	Ratio	Lower	Upper
117	100		
82	55.6	45.8	68.8
119	31.5	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#64

Tetrachloroethene

Concen: 5.067 ug/l

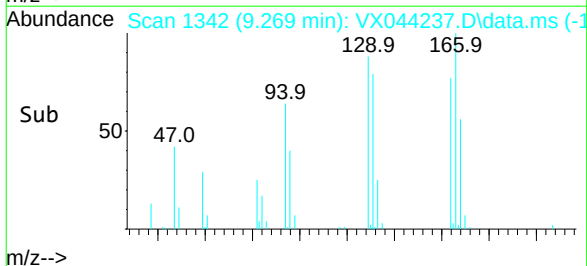
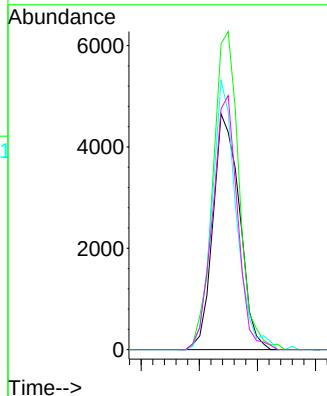
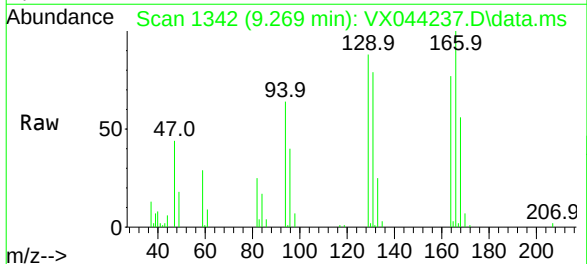
RT: 9.269 min Scan# 1342

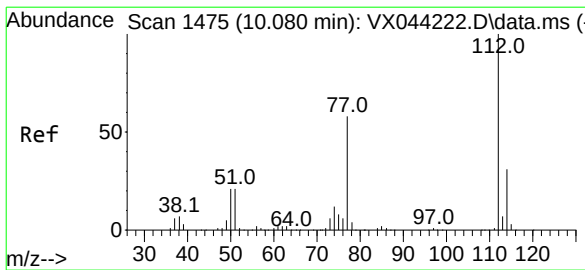
Delta R.T. 0.000 min

Lab File: VX044237.D

Acq: 11 Dec 2024 18:51

Tgt Ion:	164	Resp:	7367
Ion	Ratio	Lower	Upper
164	100		
166	129.8	100.4	150.6
129	114.2	77.2	115.8
131	102.2	76.2	114.2





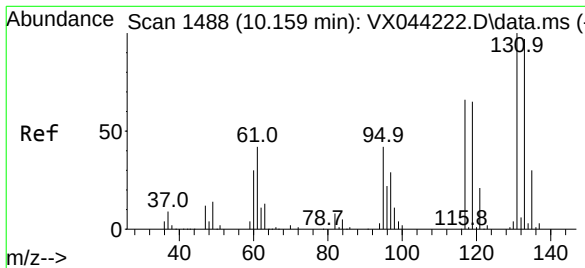
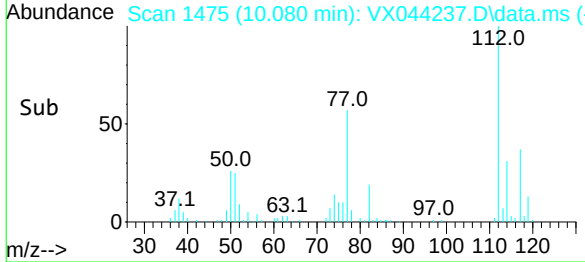
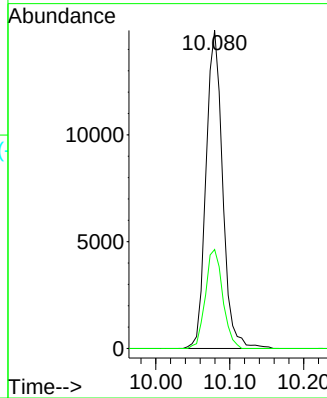
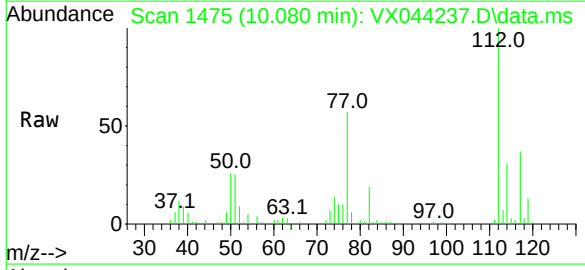
#65
Chlorobenzene
Concen: 4.935 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51

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

Tgt Ion:112 Resp: 23164
Ion Ratio Lower Upper
112 100
114 31.1 25.0 37.6

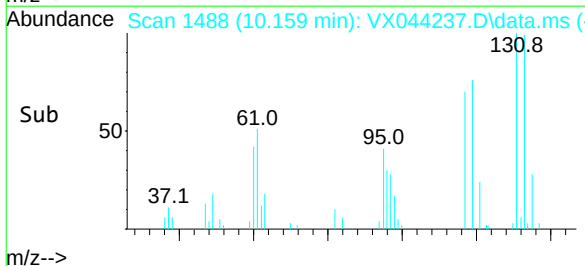
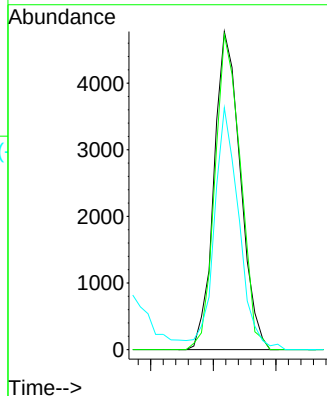
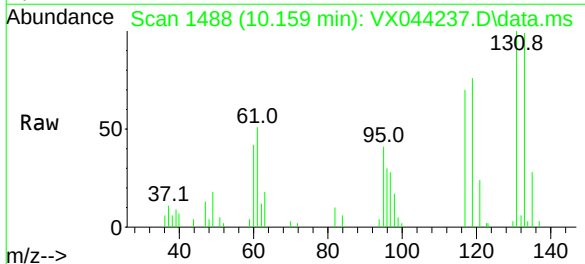
Manual Integrations
APPROVED

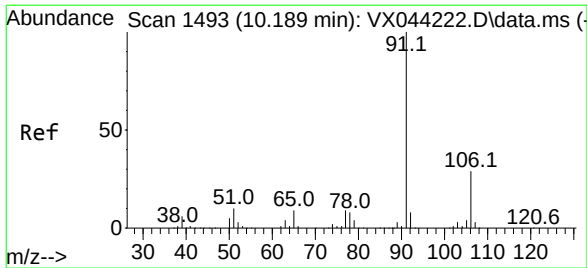
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 4.618 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51

Tgt Ion:131 Resp: 6967
Ion Ratio Lower Upper
131 100
133 96.1 47.3 141.8
119 71.0 31.6 95.0





#67

Ethyl Benzene

Concen: 4.664 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX044237.D

Acq: 11 Dec 2024 18:51

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion: 91 Resp: 37829

Ion Ratio Lower Upper

91 100

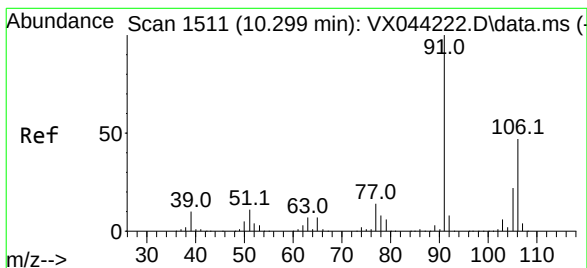
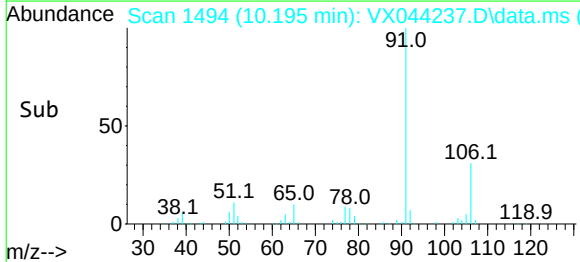
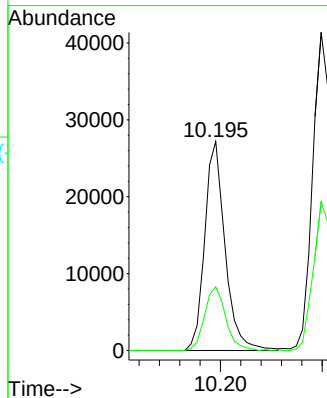
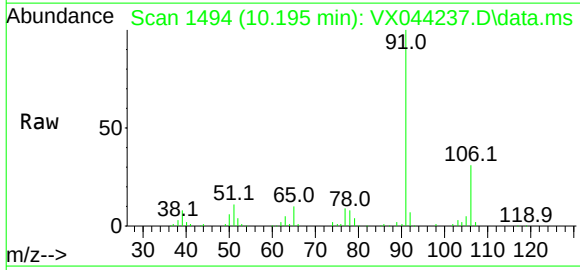
106 30.5 23.5 35.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#68

m/p-Xylenes

Concen: 9.228 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX044237.D

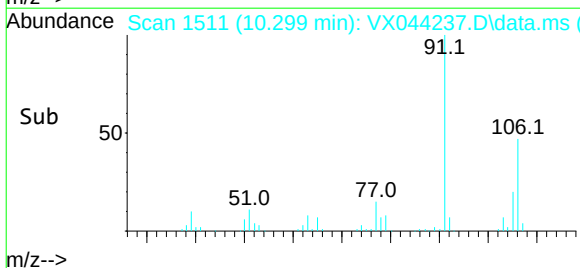
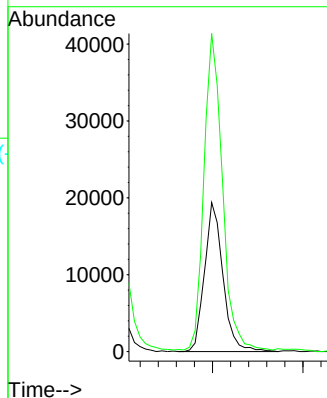
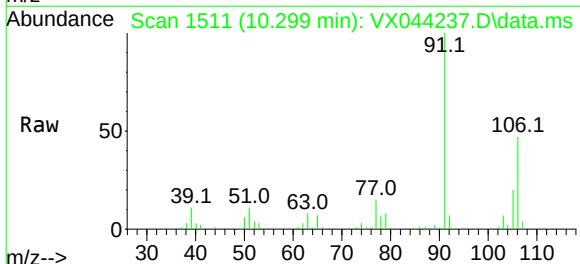
Acq: 11 Dec 2024 18:51

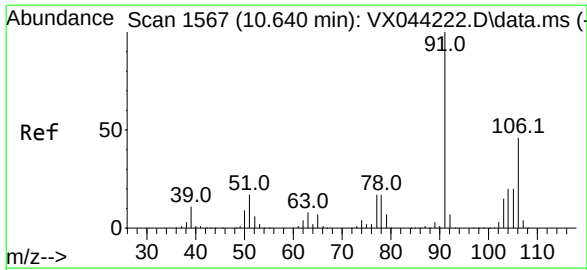
Tgt Ion:106 Resp: 27461

Ion Ratio Lower Upper

106 100

91 212.9 170.2 255.2





#69

o-Xylene

Concen: 4.884 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX044237.D

Acq: 11 Dec 2024 18:51

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:106 Resp: 14705

Ion Ratio Lower Upper

106 100

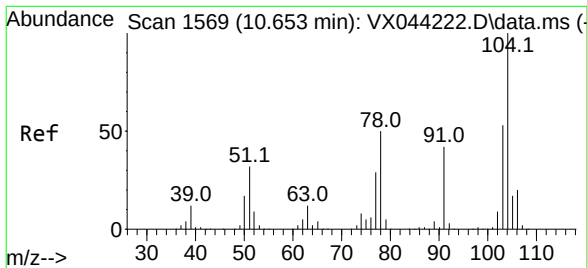
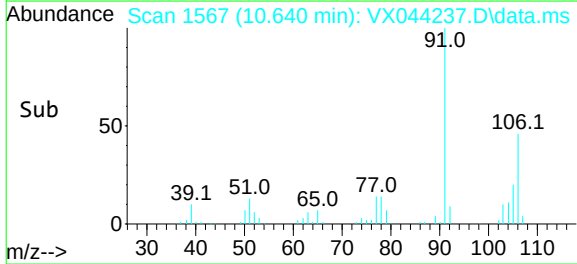
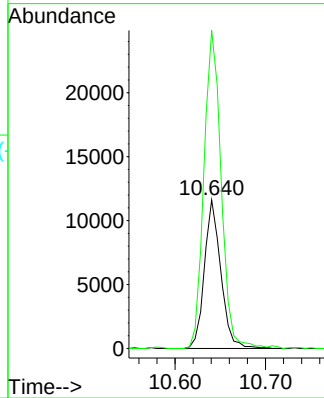
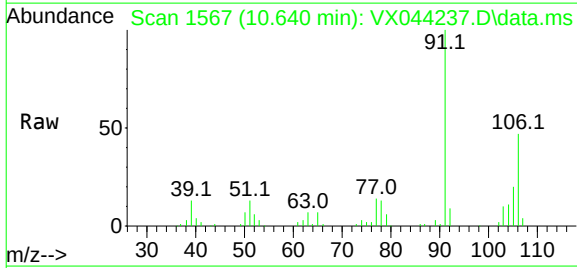
91 225.1 112.3 337.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#70

Styrene

Concen: 4.583 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX044237.D

Acq: 11 Dec 2024 18:51

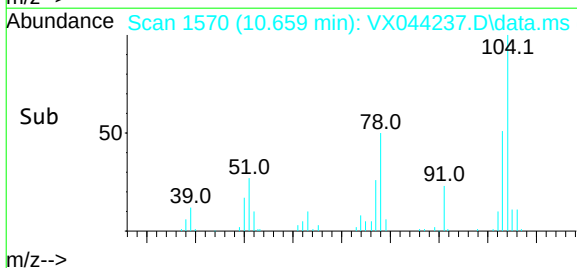
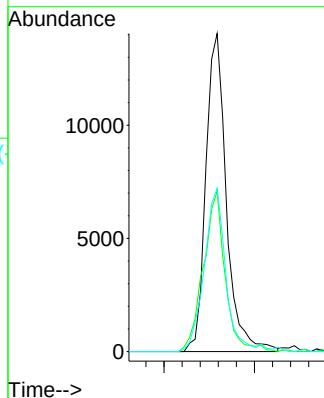
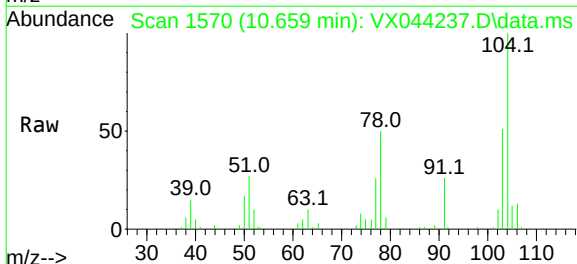
Tgt Ion:104 Resp: 22124

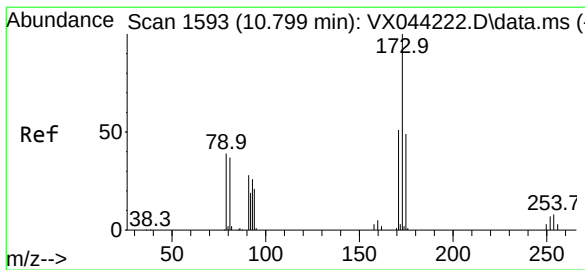
Ion Ratio Lower Upper

104 100

78 53.6 44.6 67.0

103 54.7 45.4 68.0





#71

Bromoform

Concen: 3.944 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX044237.D

Acq: 11 Dec 2024 18:51

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2024

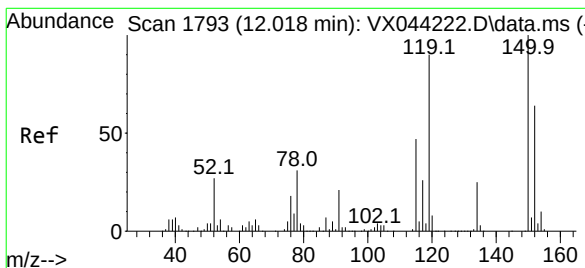
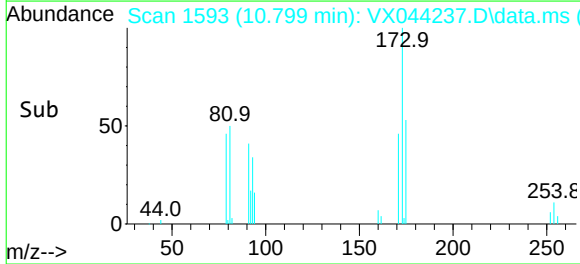
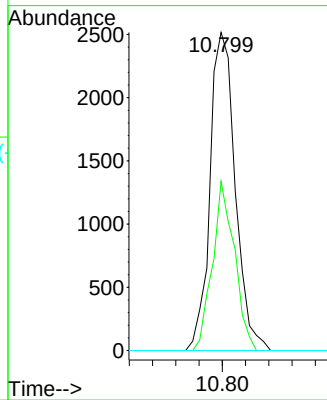
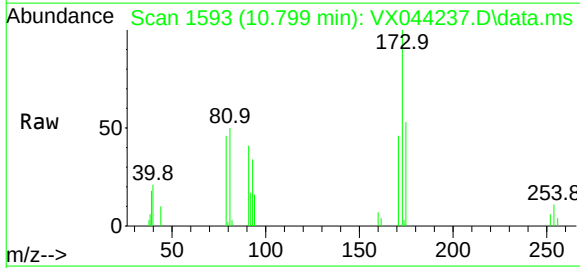
Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.4	23.8	71.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

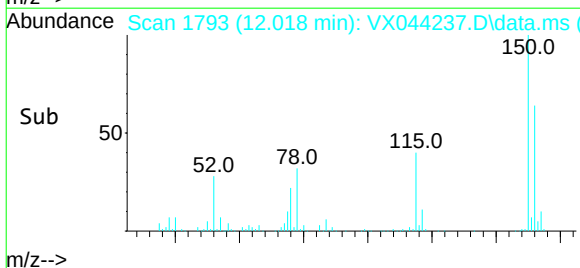
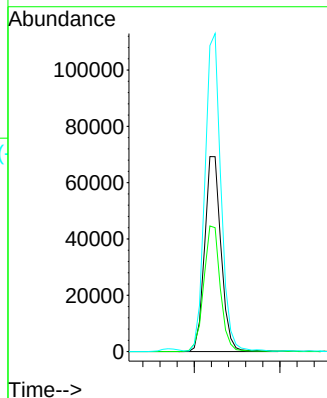
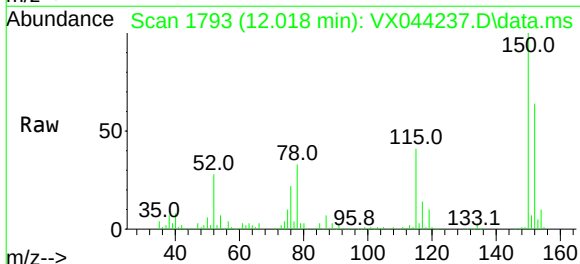
RT: 12.018 min Scan# 1793

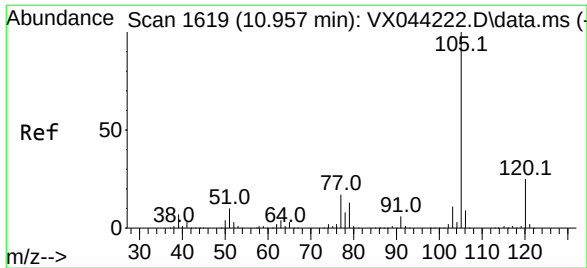
Delta R.T. 0.000 min

Lab File: VX044237.D

Acq: 11 Dec 2024 18:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.1	44.5	133.3
150	158.3	0.0	353.8





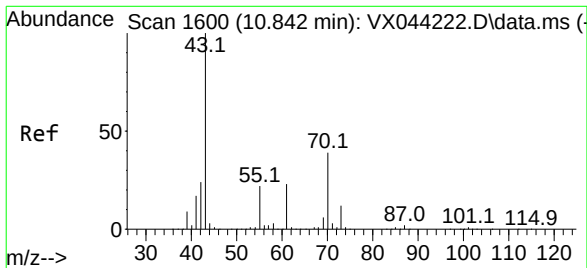
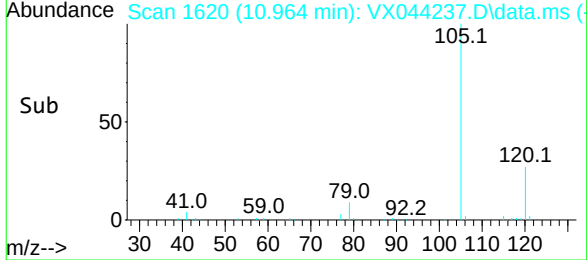
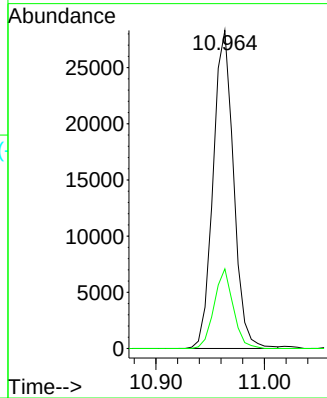
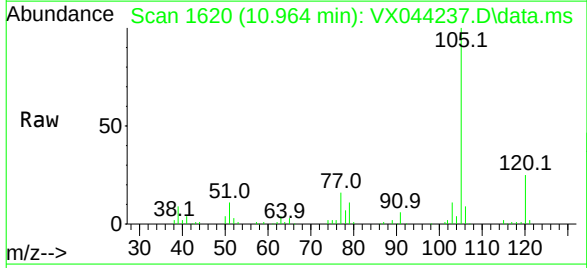
#73
Isopropylbenzene
Concen: 5.257 ug/l
RT: 10.964 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51

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

Tgt Ion: 105 Resp: 37028
Ion Ratio Lower Upper
105 100
120 23.4 13.1 39.3

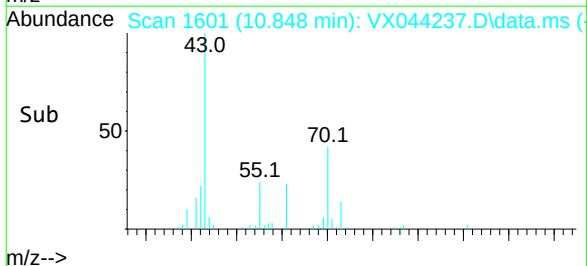
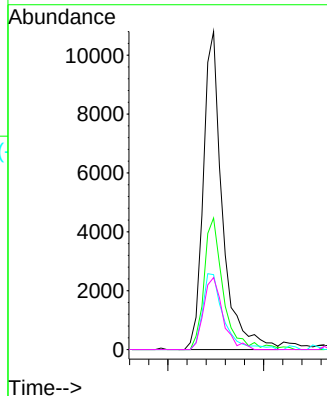
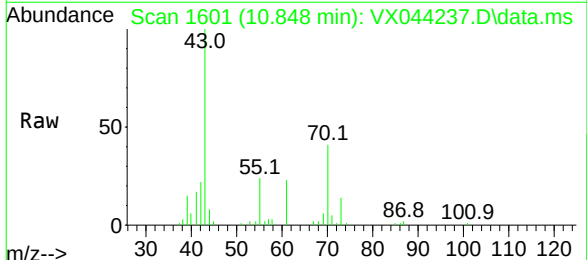
Manual Integrations
APPROVED

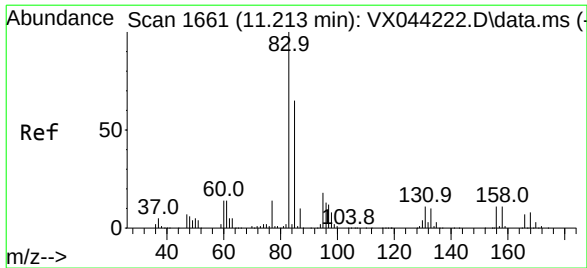
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#74
N-ethyl acetate
Concen: 4.605 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51

Tgt Ion: 43 Resp: 14992
Ion Ratio Lower Upper
43 100
70 41.9 31.9 47.9
55 25.8 17.9 26.9
61 22.9 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 5.296 ug/l

RT: 11.214 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX044237.D

Acq: 11 Dec 2024 18:51

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2024

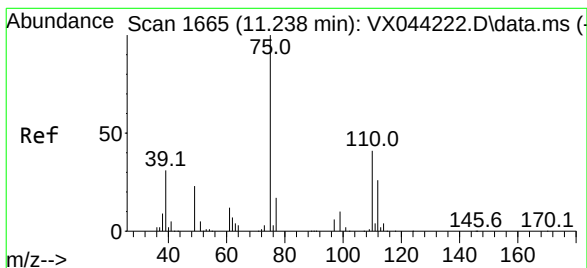
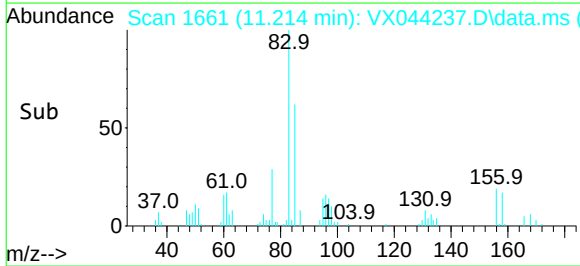
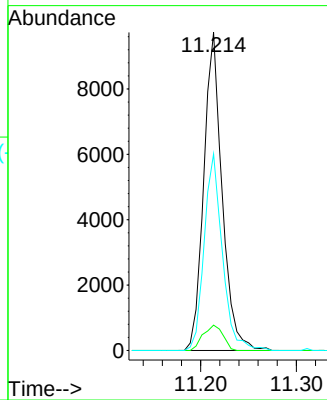
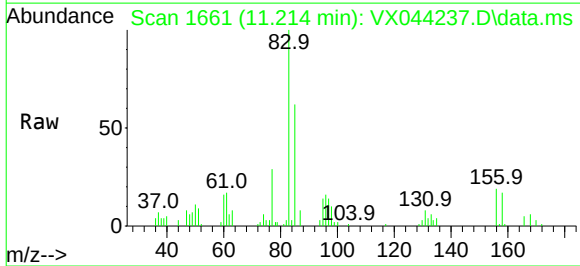
Tgt Ion:	83	Resp:	12957
Ion	Ratio	Lower	Upper
83	100		
131	8.6	5.1	15.4
85	61.4	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#76

1,2,3-Trichloropropane

Concen: 5.445 ug/l m

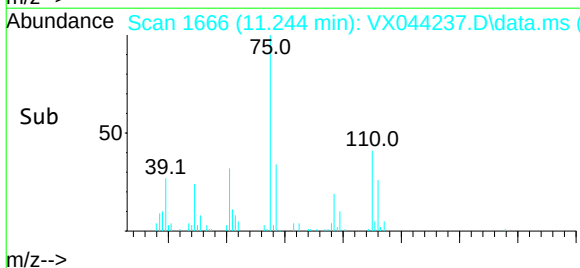
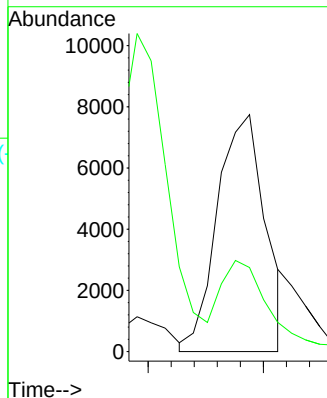
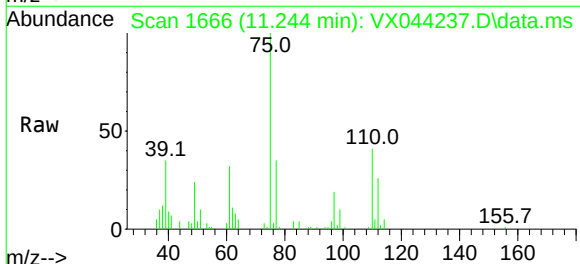
RT: 11.244 min Scan# 1666

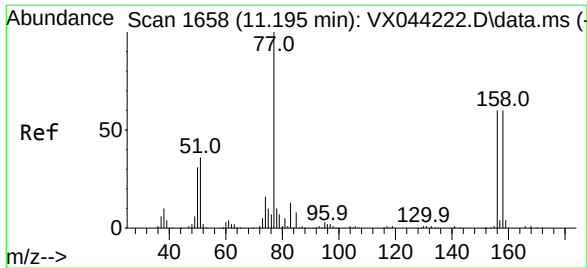
Delta R.T. 0.006 min

Lab File: VX044237.D

Acq: 11 Dec 2024 18:51

Tgt Ion:	75	Resp:	11186
Ion	Ratio	Lower	Upper
75	100		
77	39.3	20.9	62.7





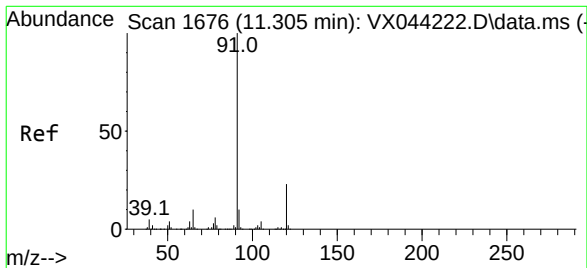
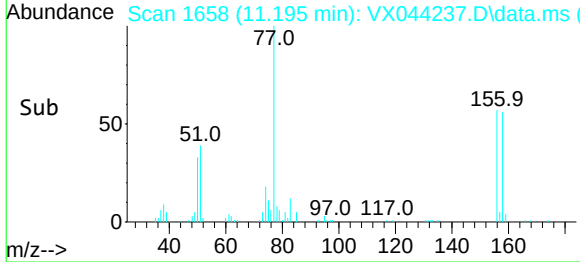
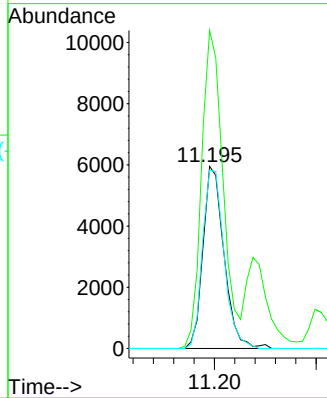
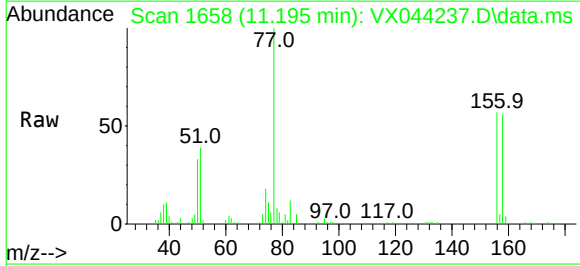
#77
Bromobenzene
Concen: 5.004 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51

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

Tgt Ion: 156 Resp: 8548
Ion Ratio Lower Upper
156 100
77 178.1 82.6 247.8
158 100.2 48.8 146.4

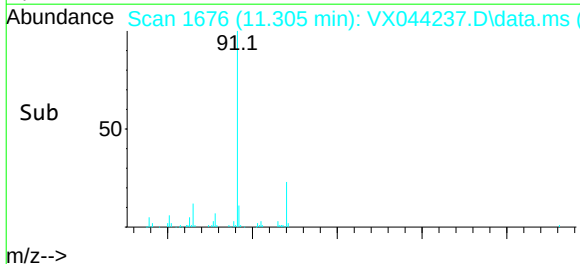
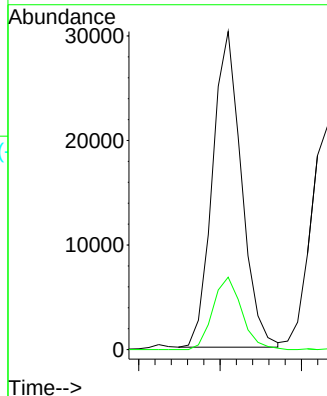
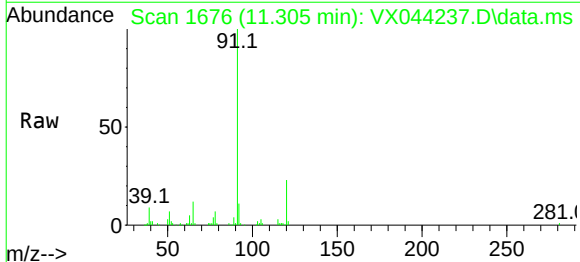
Manual Integrations
APPROVED

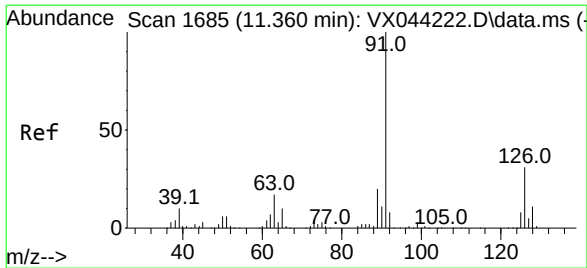
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#78
n-propylbenzene
Concen: 4.791 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51

Tgt Ion: 91 Resp: 37298
Ion Ratio Lower Upper
91 100
120 22.8 11.0 33.0





#79

2-Chlorotoluene

Concen: 5.314 ug/l

RT: 11.366 min Scan# 1685

Delta R.T. 0.006 min

Lab File: VX044237.D

Acq: 11 Dec 2024 18:51

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion: 91 Resp: 26758

Ion Ratio Lower Upper

91 100

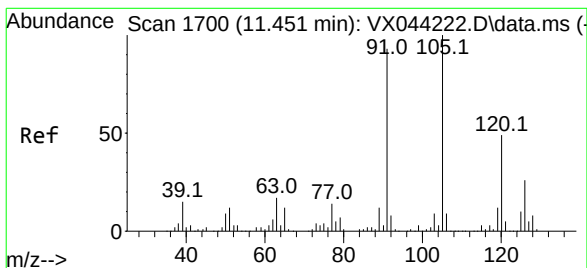
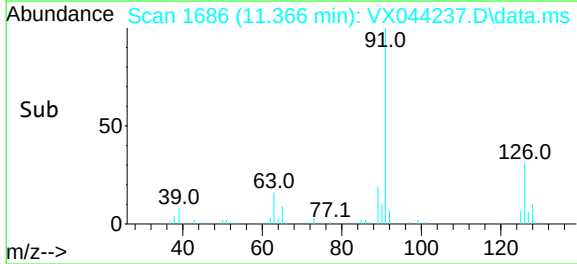
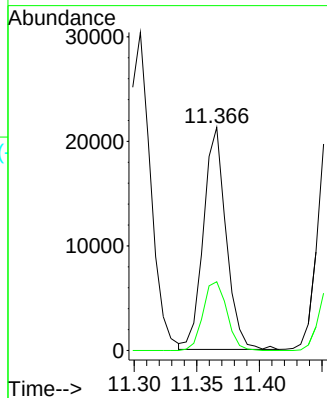
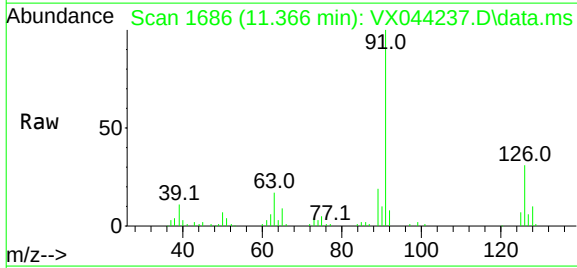
126 32.5 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#80

1,3,5-Trimethylbenzene

Concen: 5.063 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX044237.D

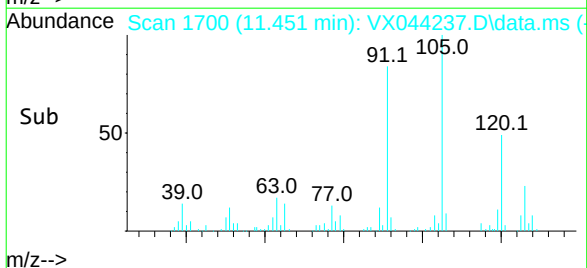
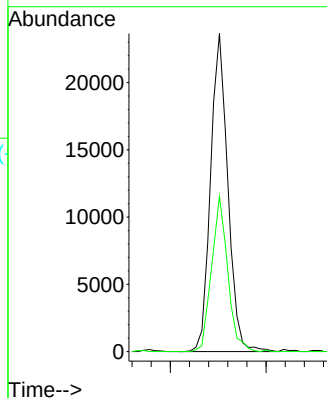
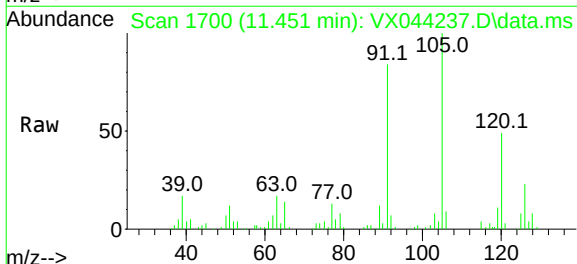
Acq: 11 Dec 2024 18:51

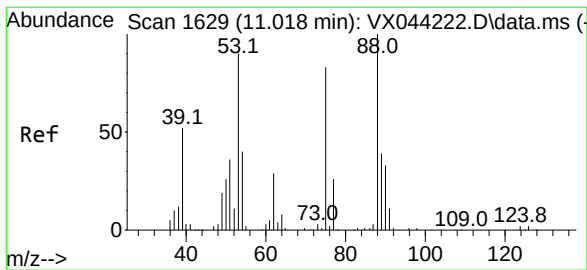
Tgt Ion:105 Resp: 29578

Ion Ratio Lower Upper

105 100

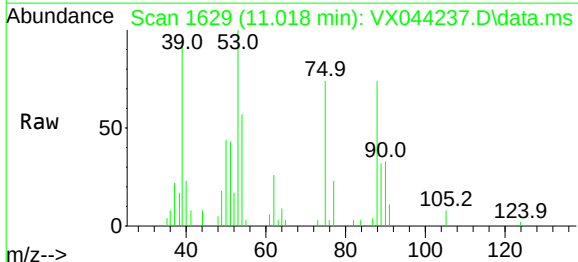
120 45.7 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 3.617 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51

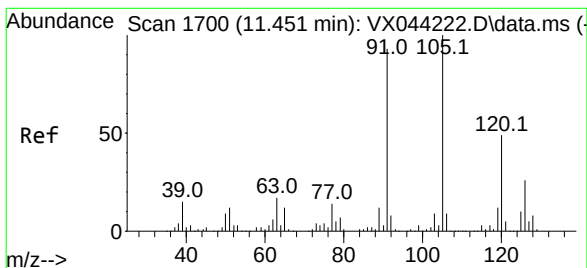
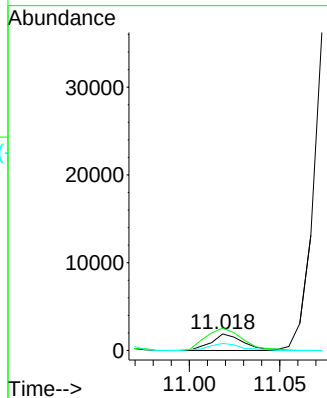
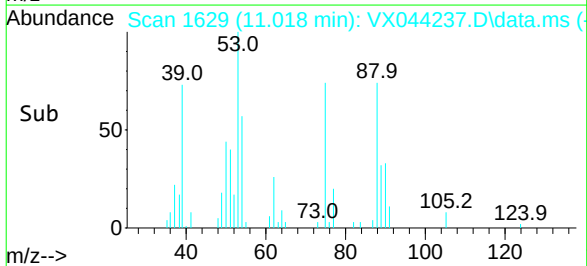
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2024



Tgt Ion: 75 Resp: 2312
Ion Ratio Lower Upper
75 100
53 155.5 93.6 140.4#
89 43.8 37.3 55.9

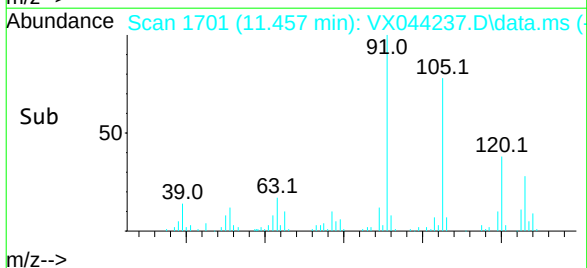
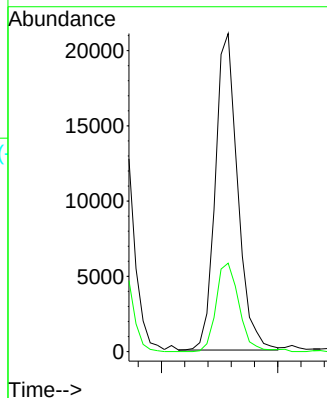
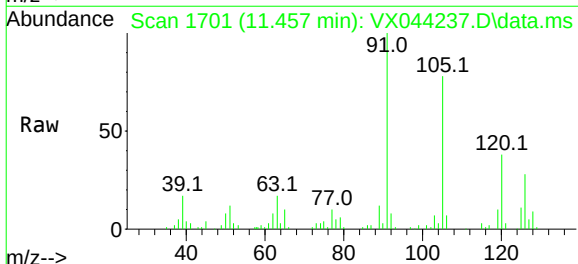
Manual Integrations
APPROVED

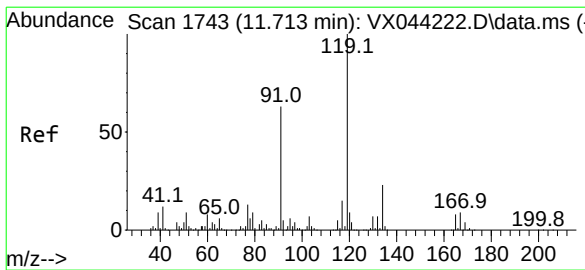
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#82
4-Chlorotoluene
Concen: 5.050 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX044237.D
Acq: 11 Dec 2024 18:51

Tgt Ion: 91 Resp: 28156
Ion Ratio Lower Upper
91 100
126 28.9 14.5 43.5





#83

tert-Butylbenzene

Concen: 4.894 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX044237.D

Acq: 11 Dec 2024 18:51

Instrument :

MSVOA_X

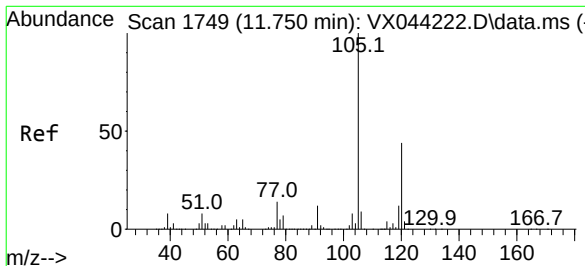
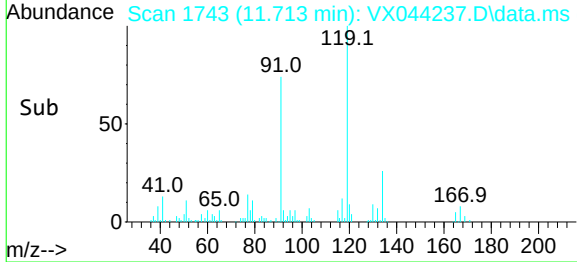
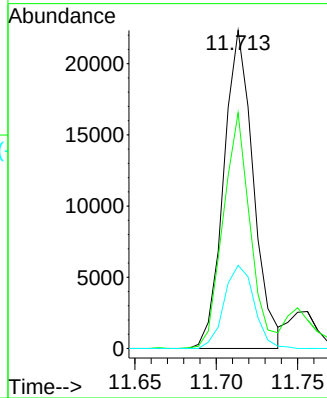
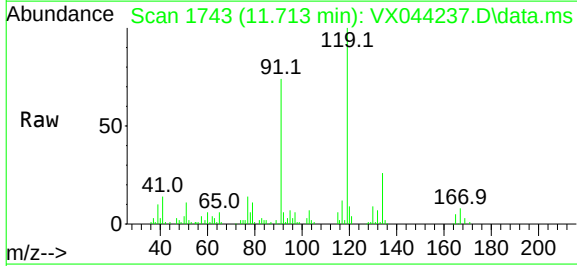
ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:	119	Resp:	28251
Ion Ratio	Lower	Upper	
119	100		
91	68.3	30.9	92.5
134	26.5	11.5	34.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#84

1,2,4-Trimethylbenzene

Concen: 4.905 ug/l

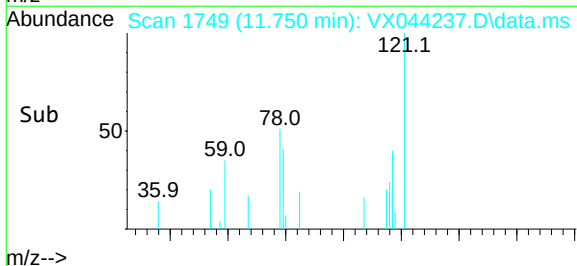
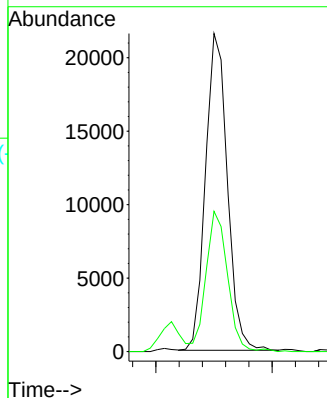
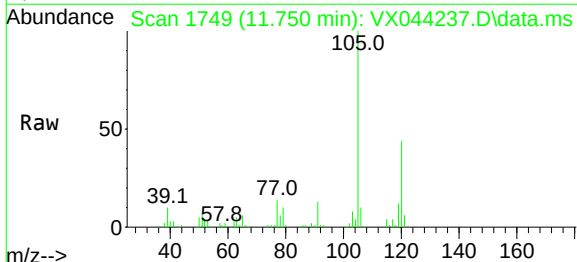
RT: 11.750 min Scan# 1749

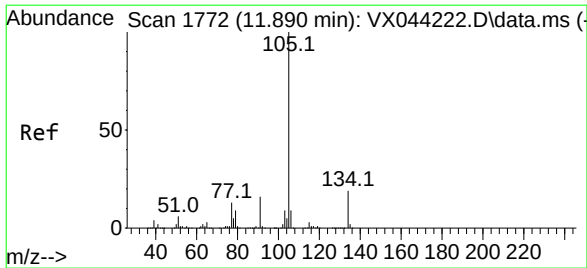
Delta R.T. 0.000 min

Lab File: VX044237.D

Acq: 11 Dec 2024 18:51

Tgt Ion:	105	Resp:	28140
Ion Ratio	Lower	Upper	
105	100		
120	44.3	21.7	65.1





#85

sec-Butylbenzene

Concen: 4.924 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX044237.D

Acq: 11 Dec 2024 18:51

Instrument :

MSVOA_X

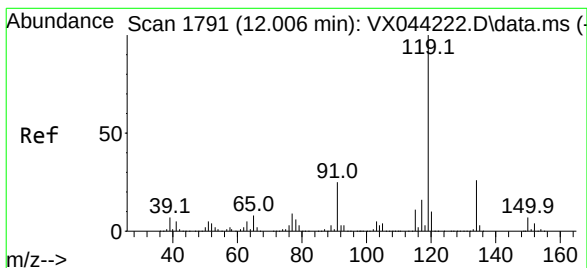
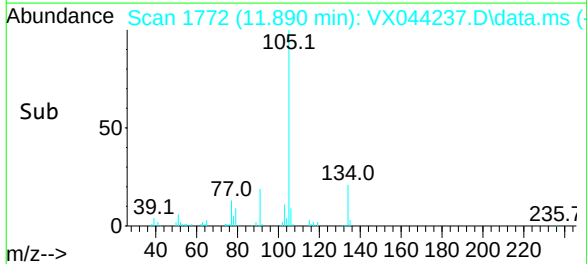
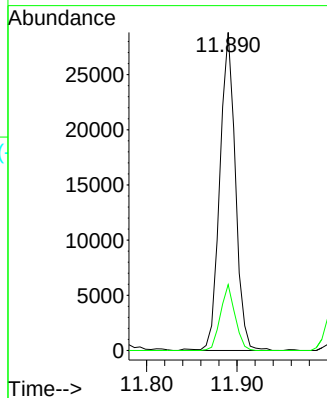
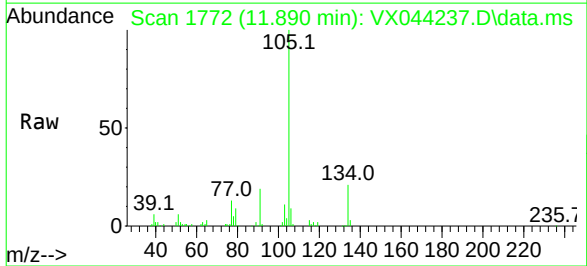
ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:105 Resp: 34509
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/12/2024
 Supervised By :Mahesh Dadoda 12/12/2024



#86

p-Isopropyltoluene

Concen: 4.811 ug/l

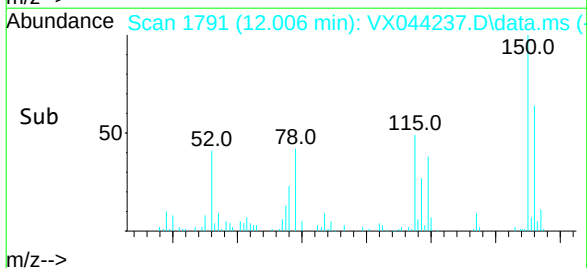
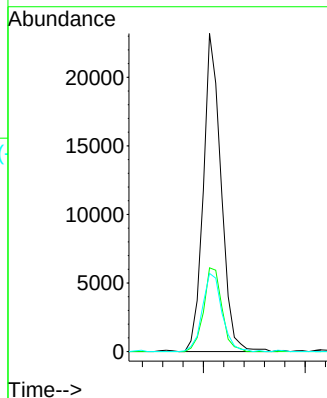
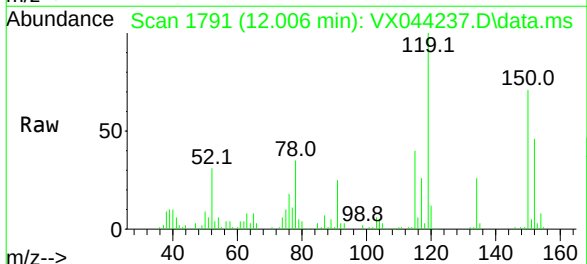
RT: 12.006 min Scan# 1791

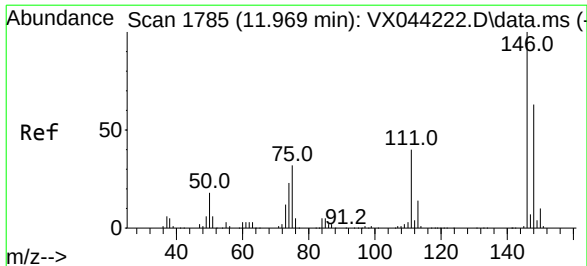
Delta R.T. 0.000 min

Lab File: VX044237.D

Acq: 11 Dec 2024 18:51

Tgt Ion:119 Resp: 28063
 Ion Ratio Lower Upper
 119 100
 134 27.2 12.8 38.4
 91 27.4 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 5.077 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX044237.D

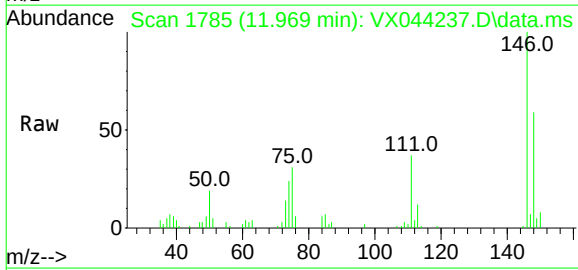
Acq: 11 Dec 2024 18:51

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2024



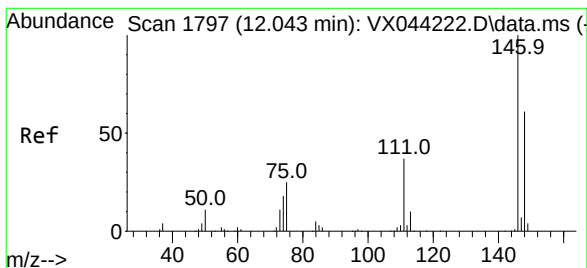
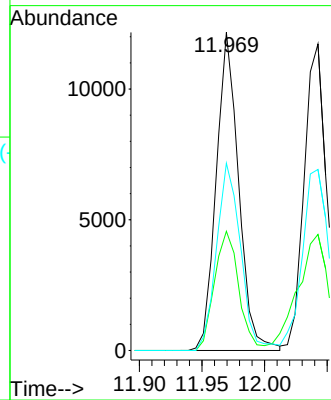
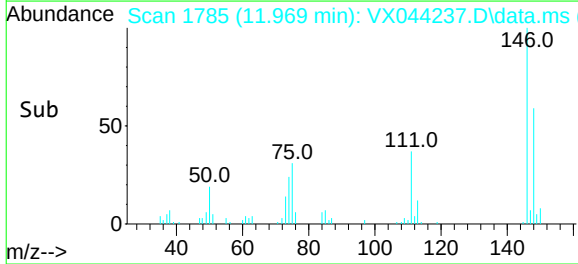
Tgt Ion:	146	Resp:	15147
Ion	Ratio	Lower	Upper
146	100		
111	40.8	21.4	64.2
148	62.9	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#88

1,4-Dichlorobenzene

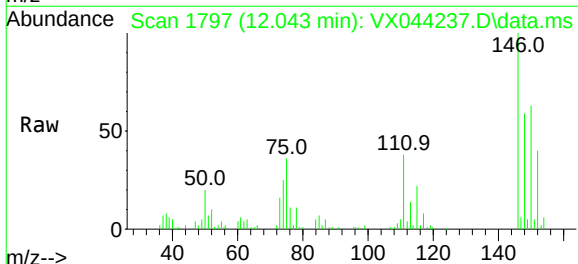
Concen: 4.854 ug/l

RT: 12.043 min Scan# 1797

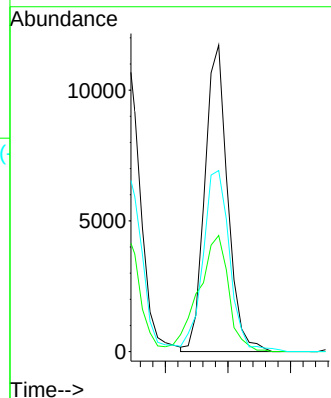
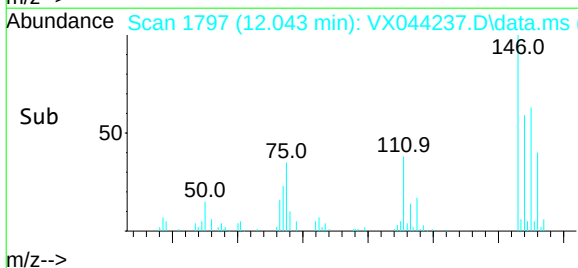
Delta R.T. 0.000 min

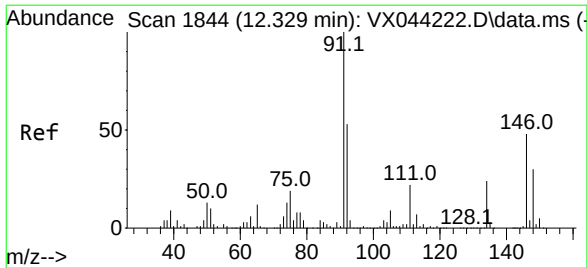
Lab File: VX044237.D

Acq: 11 Dec 2024 18:51



Tgt Ion:	146	Resp:	14887
Ion	Ratio	Lower	Upper
146	100		
111	50.1	21.0	63.0
148	69.0	32.3	96.8





#89

n-Butylbenzene

Concen: 4.535 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX044237.D

Acq: 11 Dec 2024 18:51

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2024

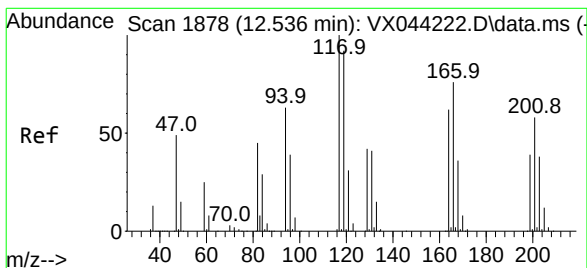
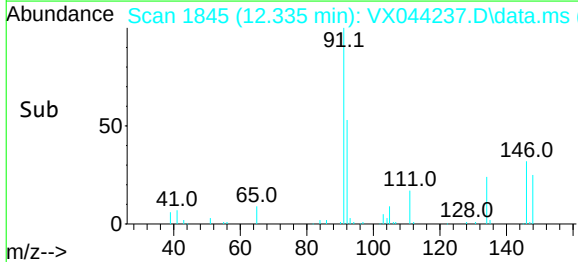
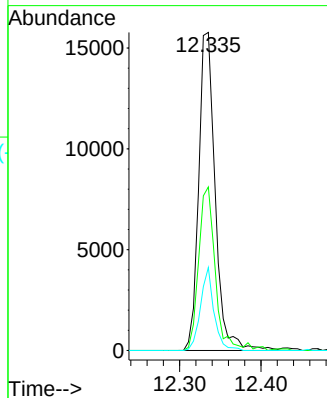
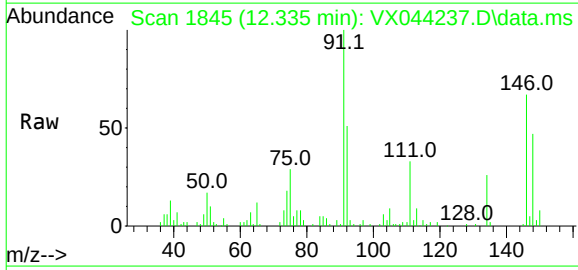
Tgt Ion:	91	Resp:	22245
Ion	Ratio	Lower	Upper
91	100		
92	50.8	26.6	79.7
134	21.3	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#90

Hexachloroethane

Concen: 4.422 ug/l

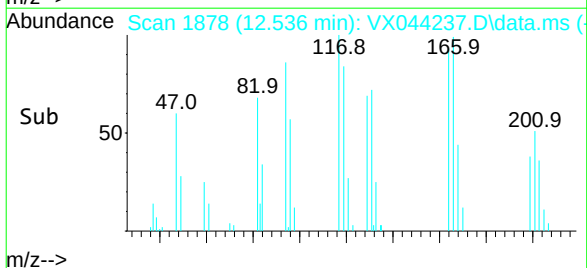
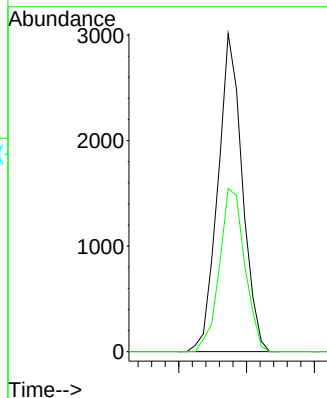
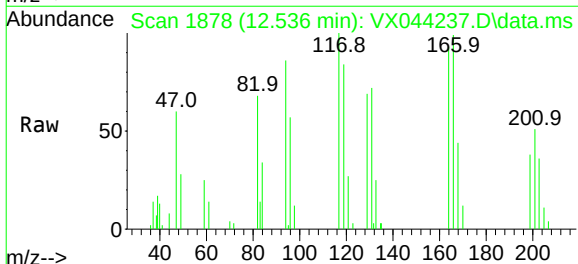
RT: 12.536 min Scan# 1878

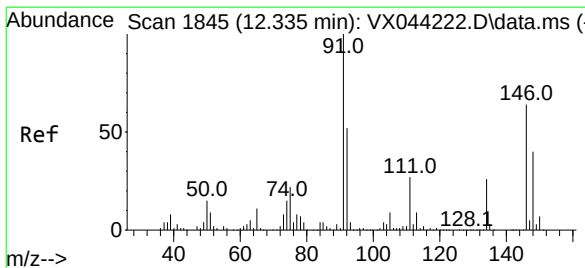
Delta R.T. 0.000 min

Lab File: VX044237.D

Acq: 11 Dec 2024 18:51

Tgt Ion:	117	Resp:	3765
Ion	Ratio	Lower	Upper
117	100		
201	53.3	31.4	94.2





#91

1,2-Dichlorobenzene

Concen: 4.902 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX044237.D

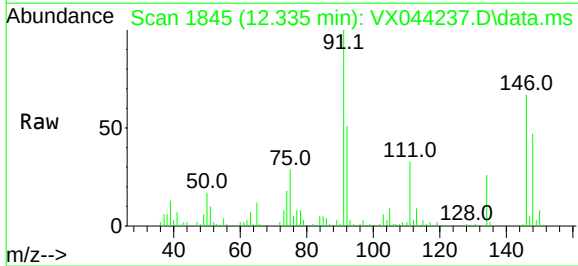
Acq: 11 Dec 2024 18:51

Instrument :

MSVOA_X

ClientSampleId :

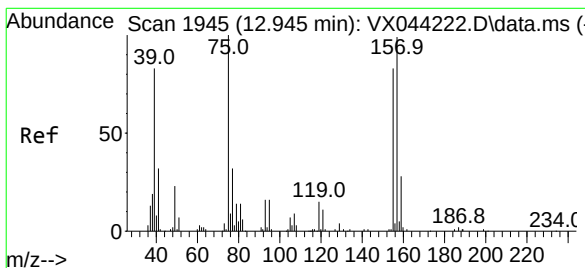
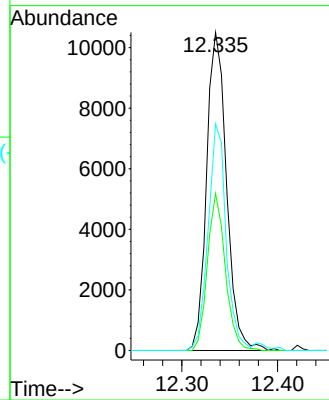
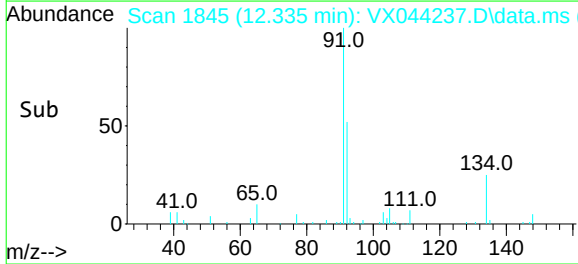
LOQ-WATER-02-QT4-2024



Tgt Ion:	146	Resp:	15188
Ion Ratio	Lower	Upper	
146	100		
111	44.2	21.4	64.3
148	64.4	31.6	95.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.691 ug/l

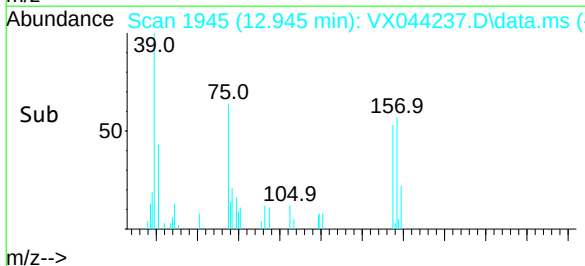
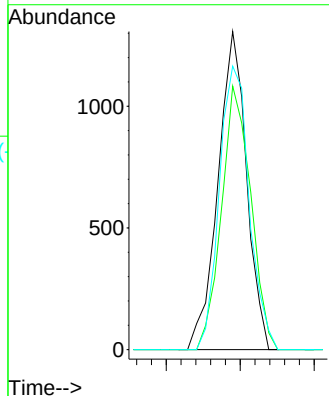
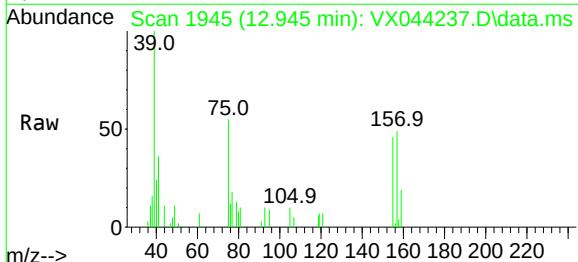
RT: 12.945 min Scan# 1945

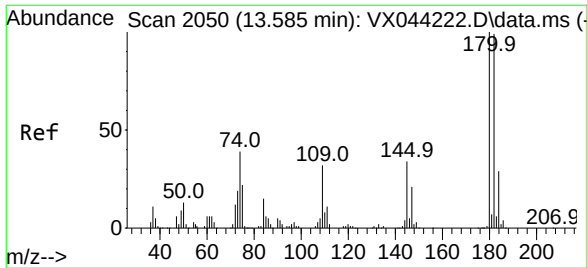
Delta R.T. 0.000 min

Lab File: VX044237.D

Acq: 11 Dec 2024 18:51

Tgt Ion:	75	Resp:	1753
Ion Ratio	Lower	Upper	
75	100		
155	84.9	38.1	114.3
157	92.9	47.2	141.6





#93

1,2,4-Trichlorobenzene

Concen: 4.774 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX044237.D

Acq: 11 Dec 2024 18:51

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2024

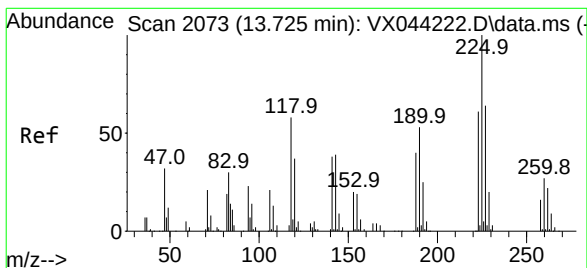
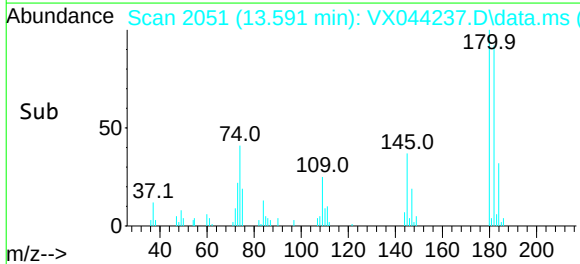
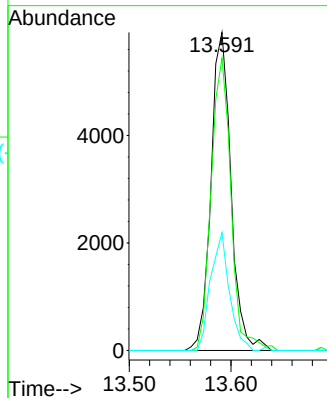
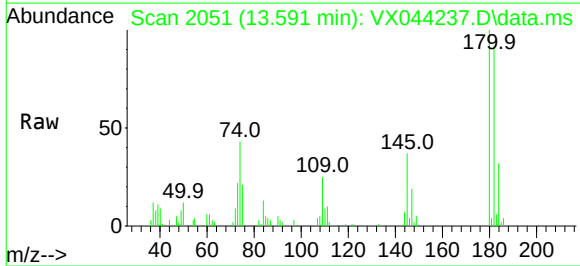
Tgt Ion:	180	Resp:	8109
Ion Ratio	Lower	Upper	
180	100		
182	90.6	48.0	144.2
145	34.8	16.6	49.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#94

Hexachlorobutadiene

Concen: 4.393 ug/l

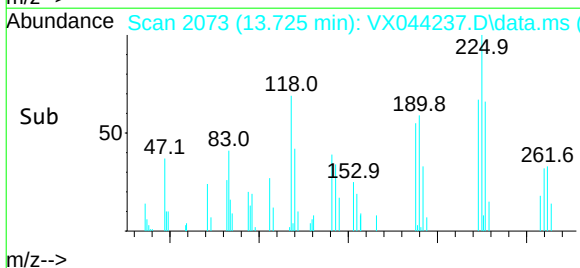
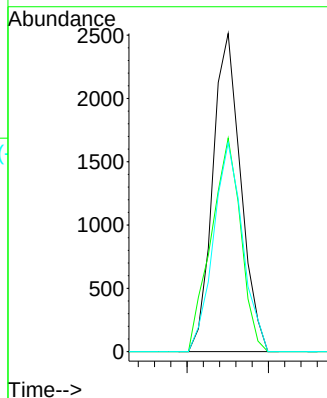
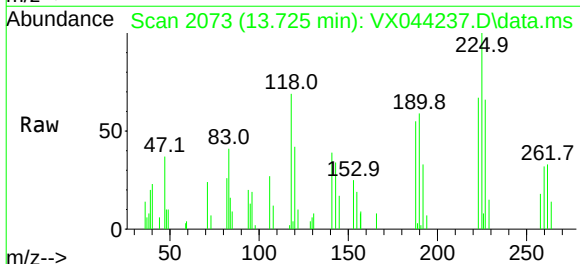
RT: 13.725 min Scan# 2073

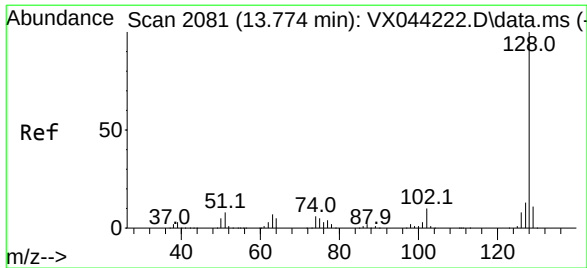
Delta R.T. 0.000 min

Lab File: VX044237.D

Acq: 11 Dec 2024 18:51

Tgt Ion:	225	Resp:	3001
Ion Ratio	Lower	Upper	
225	100		
223	71.1	30.8	92.4
227	68.4	32.1	96.3





#95

Naphthalene

Concen: 4.505 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX044237.D

Acq: 11 Dec 2024 18:51

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2024

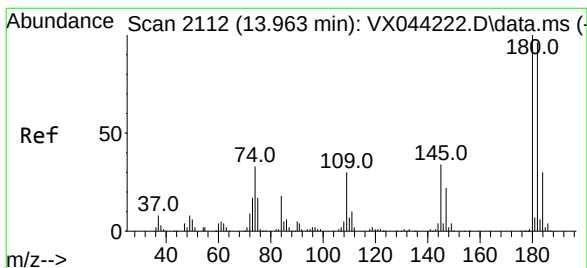
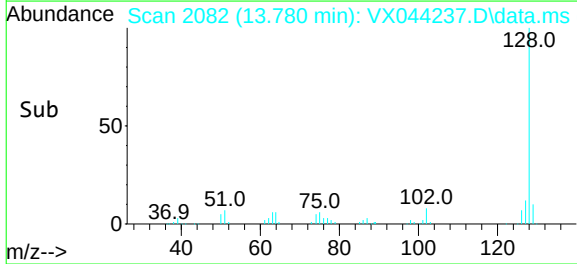
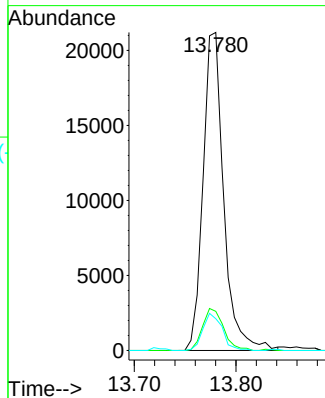
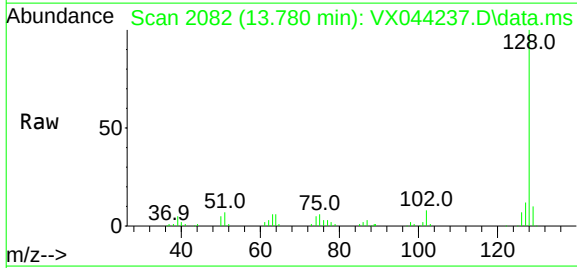
Tgt Ion:	128	Resp:	29866
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.5	15.7
129	11.0	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#96

1,2,3-Trichlorobenzene

Concen: 4.593 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX044237.D

Acq: 11 Dec 2024 18:51

Tgt Ion:	180	Resp:	8274
Ion	Ratio	Lower	Upper
180	100		
182	94.4	48.0	144.0
145	32.9	17.7	53.1

