

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040623\
 Data File : VX034957.D
 Acq On : 06 Apr 2023 16:10
 Operator : JC/MD
 Sample : 02213-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

Quant Time: Apr 07 03:19:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 28 09:11:00 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/07/2023
 Supervised By : Mahesh Dadoda 04/07/2023

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

Internal Standards						
1) Bromochloromethane	4.904	128	31792	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	182068	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	194885	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	86434	28.295	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	94.333%		
60) 4-Bromofluorobenzene	11.079	95	115809	29.739	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	99.133%		
63) Toluene-d8	8.647	98	198780	30.014	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.033%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	6598	2.188	ug/l	89
3) Chloromethane	1.295	50	9661	2.471	ug/l	91
4) Vinyl Chloride	1.374	62	6985	1.811	ug/l	92
5) Bromomethane	1.612	94	3888	1.532	ug/l	88
6) Chloroethane	1.691	64	5612	2.235	ug/l	100
7) Trichlorofluoromethane	1.886	101	11265	1.833	ug/l	88
8) Diethyl Ether	2.130	74	4902	2.216	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	6646	2.132	ug/l	97
10) 1,1-Dichloroethene	2.325	96	6056	1.919	ug/l	92
11) Methyl Iodide	2.447	142	4779	1.189	ug/l	96
12) Methyl Acetate	2.709	43	16100	2.304	ug/l	96
13) Acrolein	2.233	56	7657	9.449	ug/l	99
14) Acrylonitrile	3.069	53	21799	11.328	ug/l	98
15) Acetone	2.386	58	6910	13.227	ug/l	83
16) Carbon Disulfide	2.514	76	13789	1.708	ug/l	96
17) Allyl chloride	2.660	41	12274	2.010	ug/l	91
18) Methylene Chloride	2.788	84	8735	2.350	ug/l	98
19) trans-1,2-Dichloroethene	3.093	96	7105	2.058	ug/l	99
20) Diisopropyl ether	3.757	45	27804	2.222	ug/l #	83
21) 1,1-Dichloroethane	3.605	63	14443	2.159	ug/l #	91
22) cis-1,2-Dichloroethene	4.495	96	8617	2.143	ug/l	98
23) tert-Butyl Alcohol	3.002	59	8947m	10.334	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	26236	2.237	ug/l	94
25) Chloroform	5.093	83	14908	2.191	ug/l	88
26) Cyclohexane	5.464	56	11228	1.915	ug/l #	93
29) 1,1-Dichloropropene	5.696	75	9981	2.383	ug/l	99
30) 2-Butanone	4.574	43	32575	13.949	ug/l	99
31) 2,2-Dichloropropane	4.471	77	9024	2.125	ug/l #	66
32) 1,1,1-Trichloroethane	5.385	97	10723	2.183	ug/l #	91
33) Carbon Tetrachloride	5.666	117	9250	2.281	ug/l	89
34) Benzene	6.038	78	30232	2.484	ug/l	94
35) Methacrylonitrile	4.922	41	4717	1.845	ug/l	94
36) 1,2-Dichloroethane	6.086	62	14237	2.984	ug/l #	88
37) Trichloroethene	7.129	130	7520	2.428	ug/l	91
38) Methylcyclohexane	7.379	83	10317	2.255	ug/l	94
39) 1,2-Dichloropropane	7.428	63	8429	2.665	ug/l	92
40) Dibromomethane	7.580	93	5863	2.698	ug/l	97
41) Bromodichloromethane	7.824	83	9416	2.301	ug/l #	92
42) Vinyl Acetate	3.721	43	89173	11.704	ug/l	100

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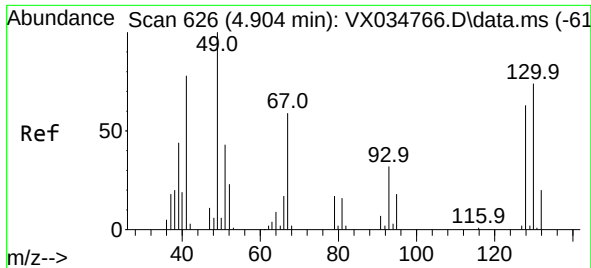
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	10925	2.412	ug/l #	90
44) Isopropyl Acetate	6.342	43	18265	2.382	ug/l	96
45) 1,4-Dioxane	7.714	88	4421m	58.201	ug/l	
46) Methyl methacrylate	7.696	41	8446	2.261	ug/l	97
47) n-amyl Acetate	10.848	43	12609	1.892	ug/l	99
48) t-1,3-Dichloropropene	8.982	75	8131	1.823	ug/l	93
49) cis-1,3-Dichloropropene	8.366	75	9580	1.955	ug/l	95
50) 1,1,2-Trichloroethane	9.153	97	7993	2.640	ug/l	98
51) Ethyl methacrylate	9.122	69	10393	2.115	ug/l	98
52) 1,3-Dichloropropane	9.311	76	13702	2.562	ug/l	96
53) Dibromochloromethane	9.519	129	6242	2.084	ug/l	97
54) 1,2-Dibromoethane	9.610	107	7890	2.437	ug/l	97
55) 2-Chloroethyl vinyl ether	8.244	63	29055	11.237	ug/l	98
56) Bromoform	10.799	173	3655	1.770	ug/l #	96
58) 4-Methyl-2-Pentanone	8.574	43	59797	13.383	ug/l	99
59) 2-Hexanone	9.433	43	42840	12.734	ug/l	99
61) Tetrachloroethene	9.269	164	6941	2.643	ug/l	92
62) Toluene	8.720	91	31793	2.495	ug/l	98
64) Chlorobenzene	10.080	112	20736	2.642	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.165	131	6440	2.296	ug/l	97
66) Ethyl Benzene	10.195	91	35092	2.472	ug/l	98
67) m/p-Xylenes	10.299	106	25665	4.752	ug/l	93
68) o-Xylene	10.646	106	13404	2.510	ug/l	99
69) Styrene	10.659	104	20106	2.284	ug/l	96
70) Isopropylbenzene	10.964	105	32134	2.325	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	12054	2.653	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	10787m	2.608	ug/l	
73) Bromobenzene	11.201	156	8351	2.516	ug/l	95
74) n-propylbenzene	11.305	91	35734	2.221	ug/l	99
75) 2-Chlorotoluene	11.366	91	25448	2.537	ug/l	95
76) 1,3,5-Trimethylbenzene	11.451	105	26863	2.309	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	1613	1.270	ug/l #	35
78) 4-Chlorotoluene	11.457	91	27119	2.358	ug/l	99
79) tert-butylbenzene	11.713	119	25087	2.259	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	25549	2.210	ug/l	99
81) sec-Butylbenzene	11.890	105	28796	2.140	ug/l	99
82) p-Isopropyltoluene	12.012	119	24331	2.142	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	14549	2.321	ug/l	97
84) 1,4-Dichlorobenzene	12.043	146	15263	2.425	ug/l	97
85) n-Butylbenzene	12.335	91	19196	1.961	ug/l	97
86) Hexachloroethane	12.536	117	2847	1.531	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	15567	2.538	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	1978	1.992	ug/l	83
89) 1,2,4-Trichlorobenzene	13.591	180	8675	2.358	ug/l	95
90) Hexachlorobutadiene	13.725	225	3563	2.511	ug/l	95
91) Naphthalene	13.774	128	29130	2.241	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	8518	2.316	ug/l	95

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



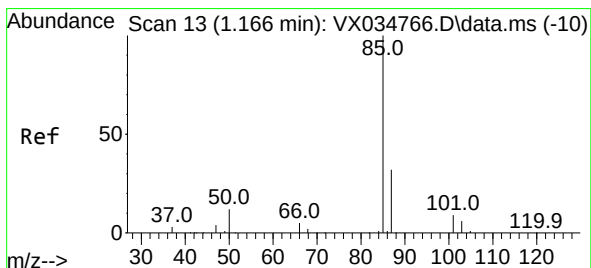
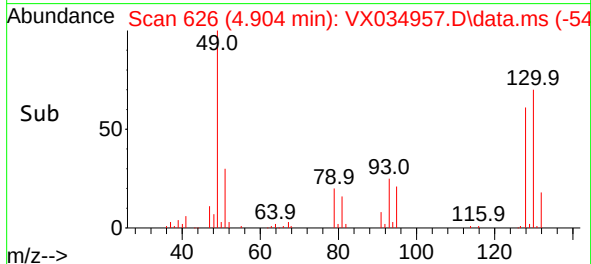
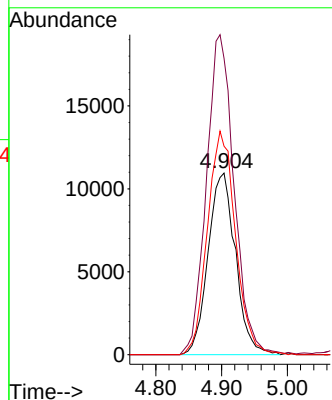
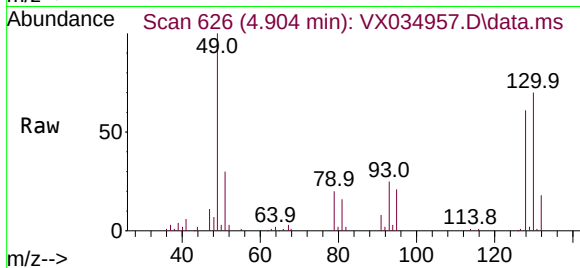
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Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

Tgt Ion:128 Resp: 31792
Ion Ratio Lower Upper
128 100
49 177.5 0.0 428.8
130 126.0 0.0 310.8

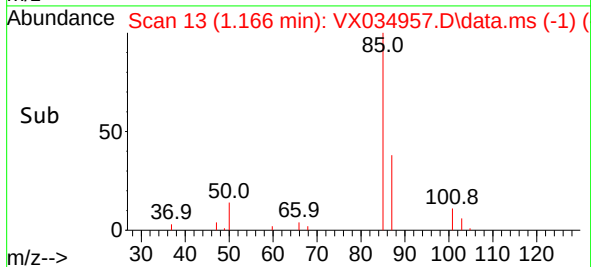
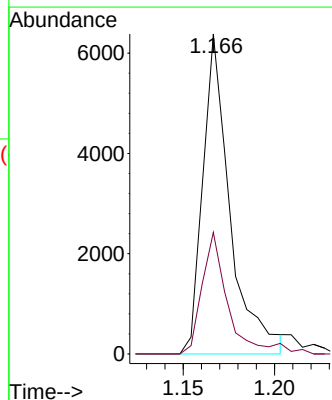
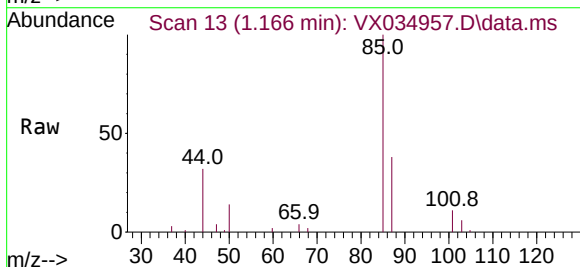
Manual Integrations
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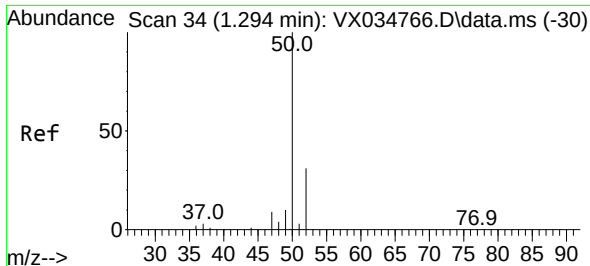
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#2
Dichlorodifluoromethane
Concen: 2.188 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

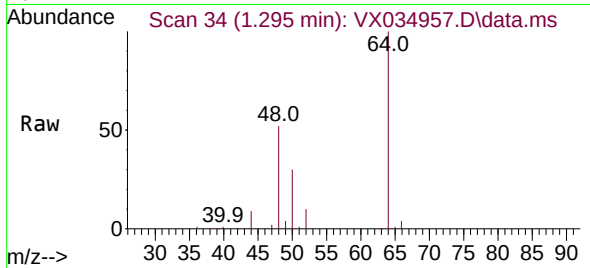
Tgt Ion: 85 Resp: 6598
Ion Ratio Lower Upper
85 100
87 38.0 16.0 48.0





#3
Chloromethane
Concen: 2.471 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

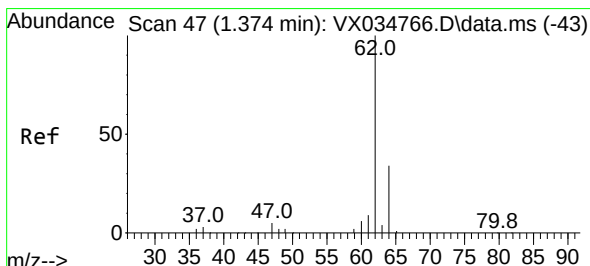
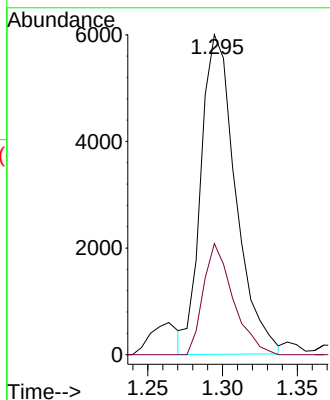
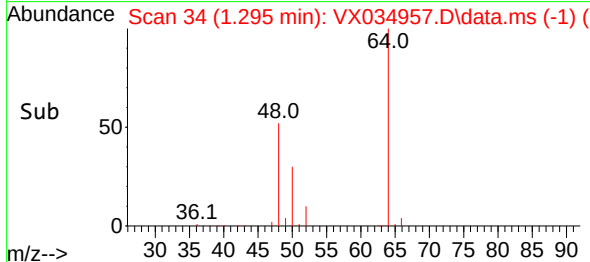
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



Tgt Ion: 50 Resp: 966
Ion Ratio Lower Upper
50 100
52 35.7 24.6 36.8

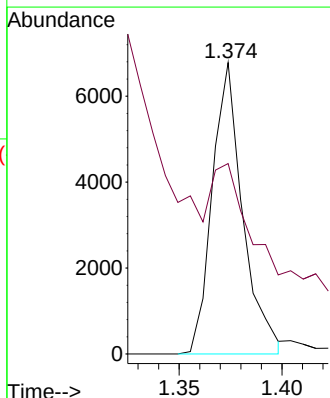
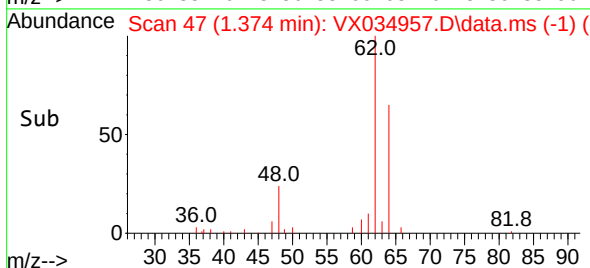
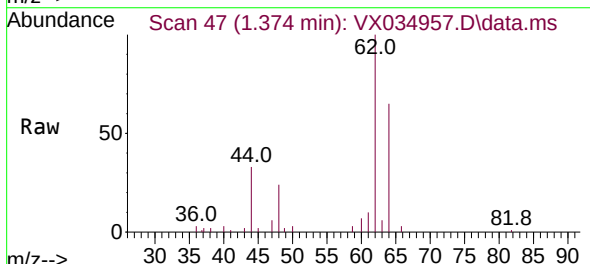
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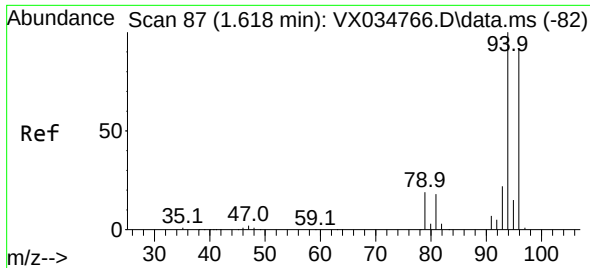
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#4
Vinyl Chloride
Concen: 1.811 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

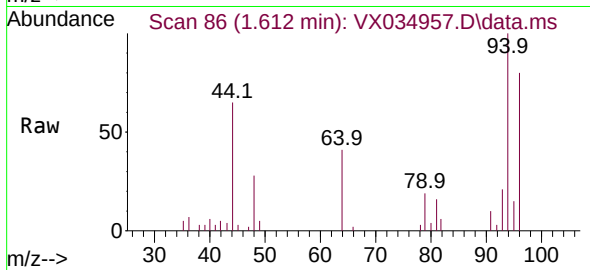
Tgt Ion: 62 Resp: 6985
Ion Ratio Lower Upper
62 100
64 38.2 26.9 40.3





#5
Bromomethane
Concen: 1.532 ug/l
RT: 1.612 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

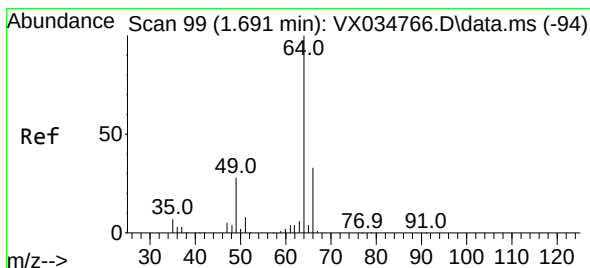
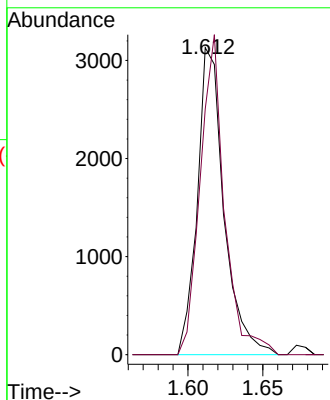
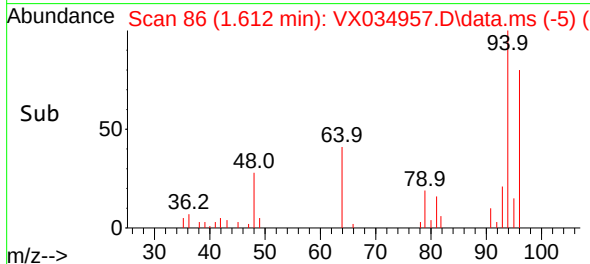
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



Tgt Ion: 94 Resp: 388
Ion Ratio Lower Upper
94 100
96 80.0 73.4 110.0

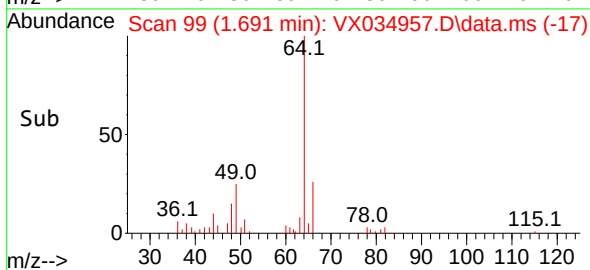
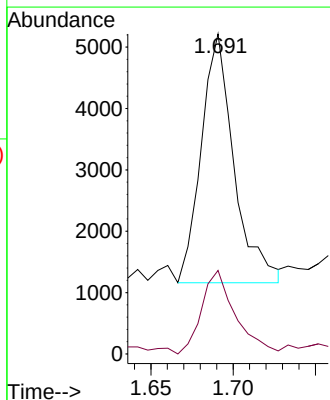
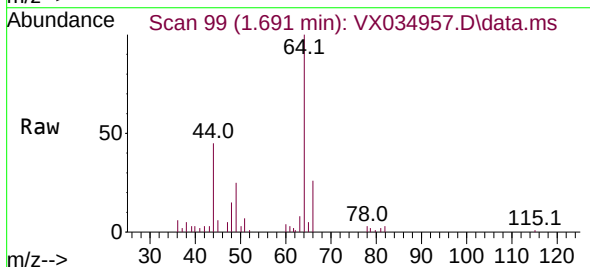
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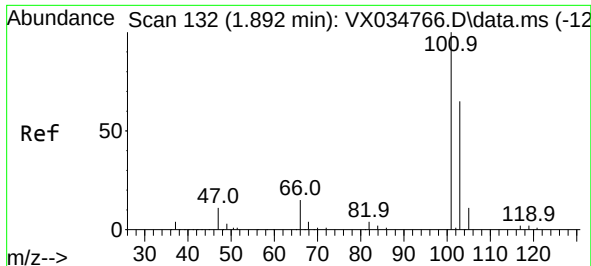
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#6
Chloroethane
Concen: 2.235 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

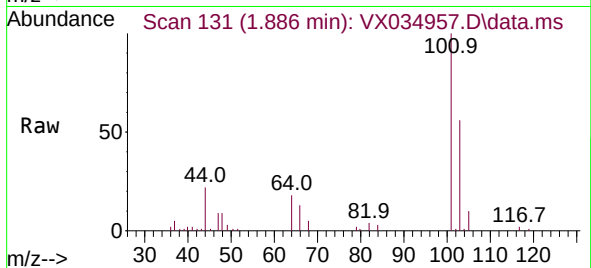
Tgt Ion: 64 Resp: 5612
Ion Ratio Lower Upper
64 100
66 33.6 26.6 40.0





#7
 Trichlorofluoromethane
 Concen: 1.833 ug/l
 RT: 1.886 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VX034957.D
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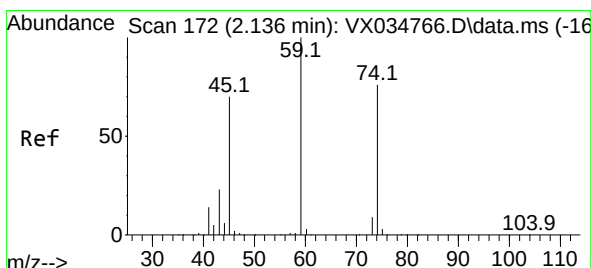
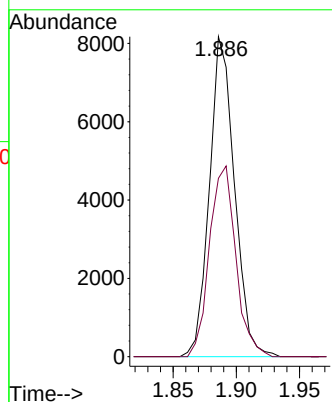
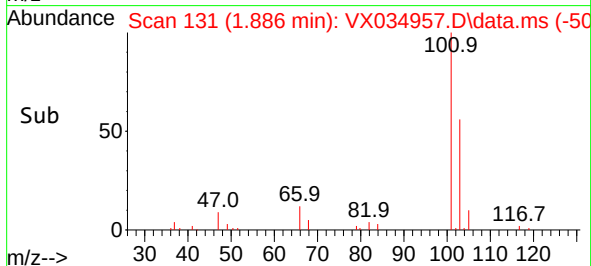
Instrument :
 MSVOA_X
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Tgt Ion:101 Resp: 1126
 Ion Ratio Lower Upper
 101 100
 103 55.8 52.1 78.1

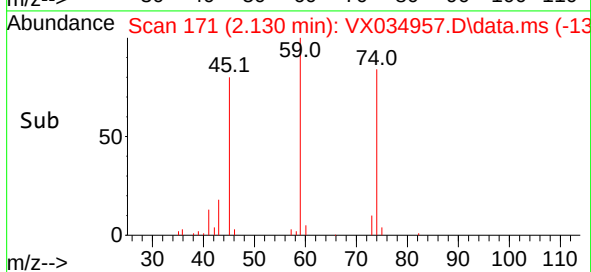
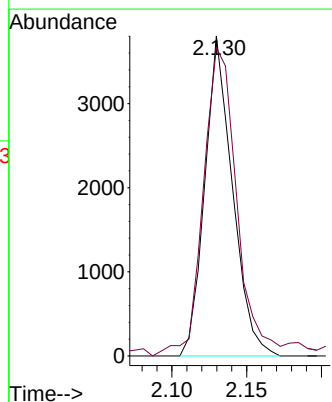
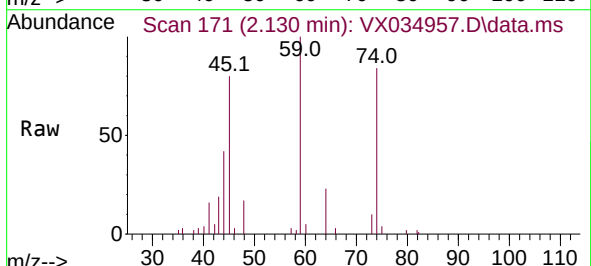
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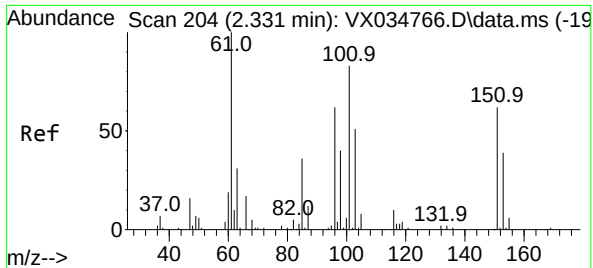
Reviewed By :John Carlone 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023



#8
 Diethyl Ether
 Concen: 2.216 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX034957.D
 Acq: 06 Apr 2023 16:10

Tgt Ion: 74 Resp: 4902
 Ion Ratio Lower Upper
 74 100
 45 113.2 20.5 184.5





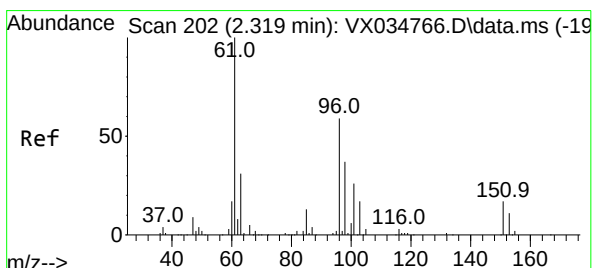
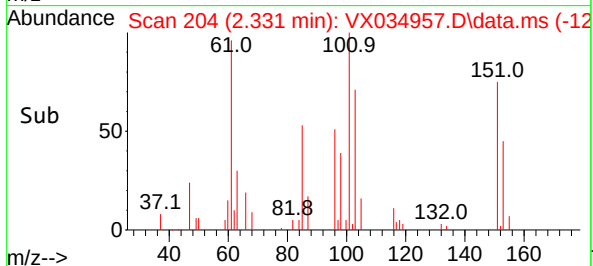
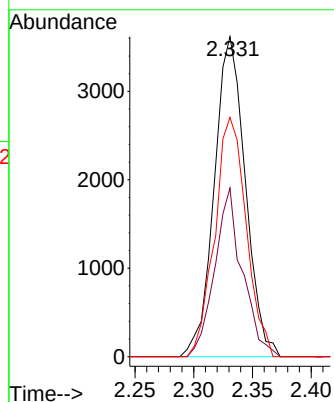
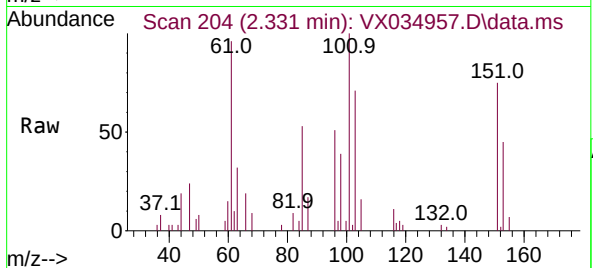
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.132 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

Tgt Ion:101 Resp: 6640
Ion Ratio Lower Upper
101 100
85 47.0 0.0 88.8
151 75.9 0.0 147.6

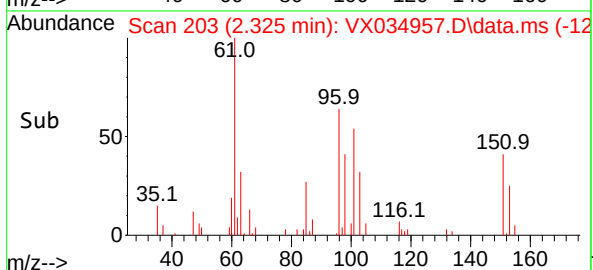
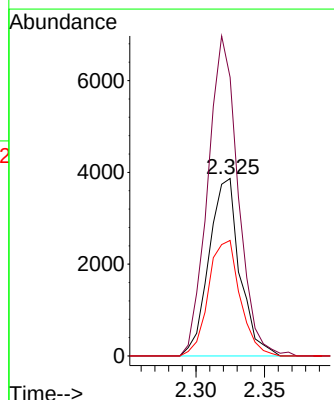
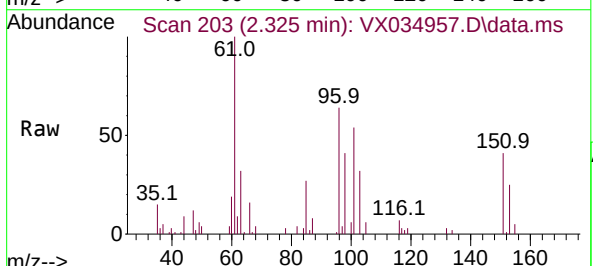
Manual Integrations
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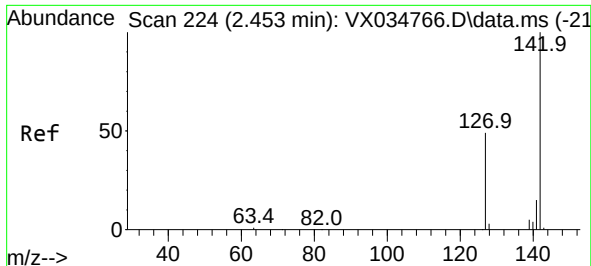
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#10
1,1-Dichloroethene
Concen: 1.919 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

Tgt Ion: 96 Resp: 6056
Ion Ratio Lower Upper
96 100
61 157.0 135.8 203.6
98 65.1 49.8 74.6





#11

Methyl Iodide

Concen: 1.189 ug/l

RT: 2.447 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX034957.D

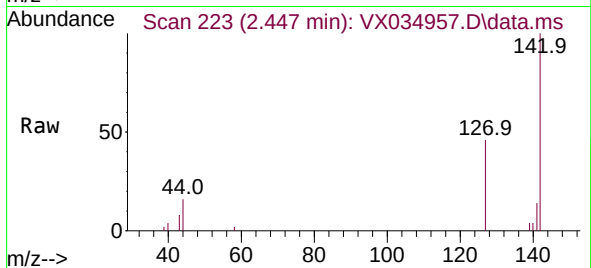
Acq: 06 Apr 2023 16:10

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023



Tgt Ion:142 Resp: 4779

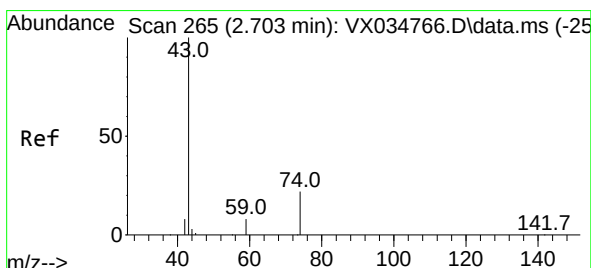
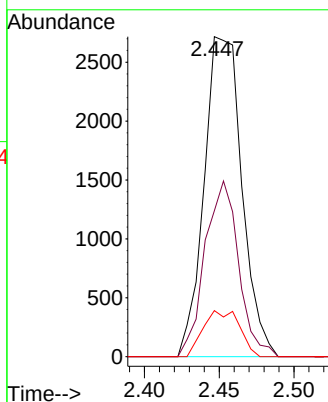
Ion	Ratio	Lower	Upper
142	100		
127	45.6	24.5	73.5
141	14.4	7.6	22.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#12

Methyl Acetate

Concen: 2.304 ug/l

RT: 2.709 min Scan# 266

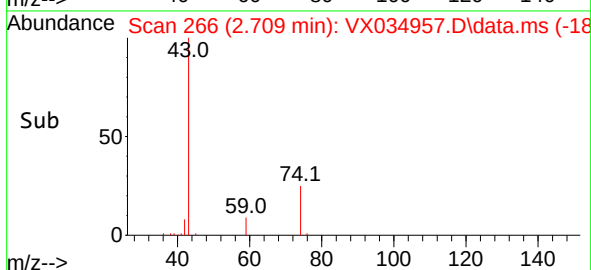
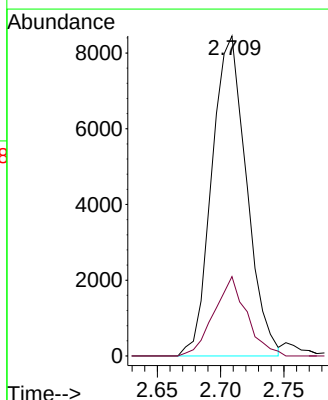
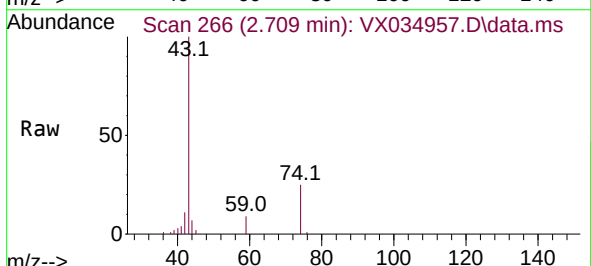
Delta R.T. 0.006 min

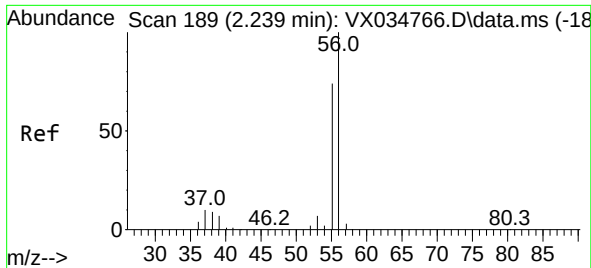
Lab File: VX034957.D

Acq: 06 Apr 2023 16:10

Tgt Ion: 43 Resp: 16100

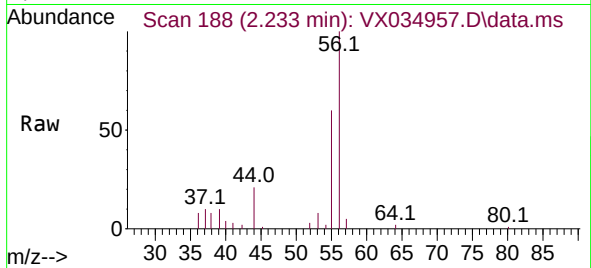
Ion	Ratio	Lower	Upper
43	100		
74	24.4	18.0	27.0





#13
Acrolein
Concen: 9.449 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

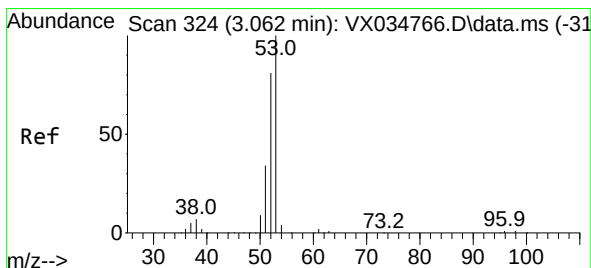
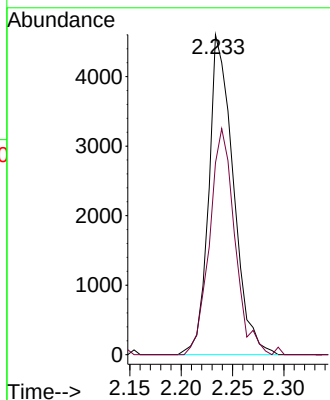
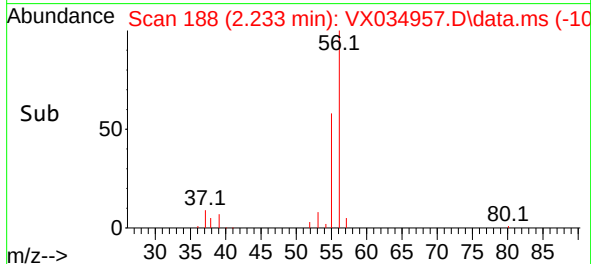
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



Tgt Ion: 56 Resp: 765
Ion Ratio Lower Upper
56 100
55 69.6 56.6 85.0

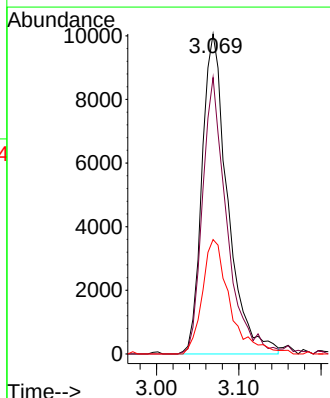
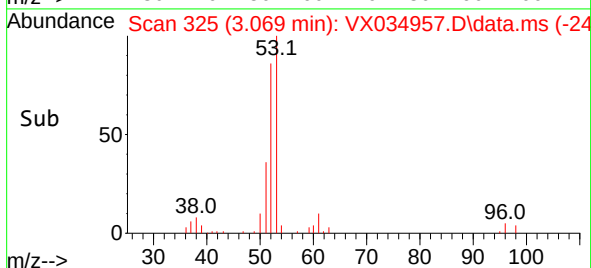
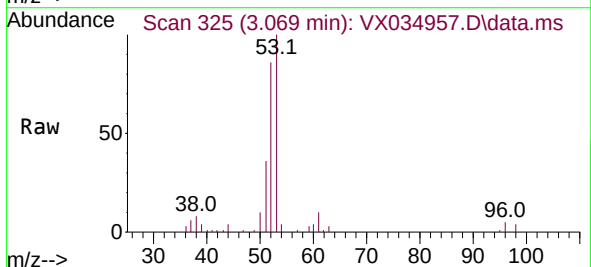
Manual Integrations
APPROVED

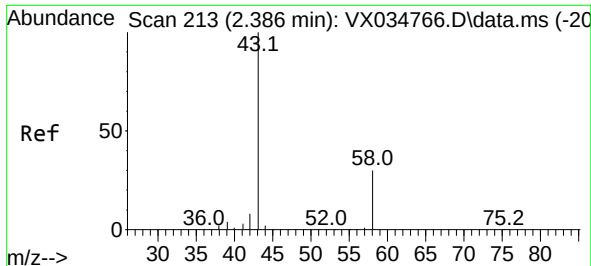
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#14
Acrylonitrile
Concen: 11.328 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.007 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

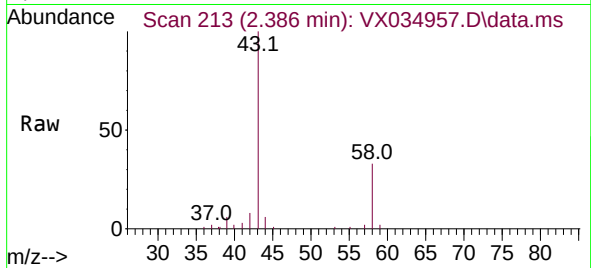
Tgt Ion: 53 Resp: 21799
Ion Ratio Lower Upper
53 100
52 80.9 41.3 123.7
51 38.0 17.9 53.7





#15
Acetone
Concen: 13.227 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

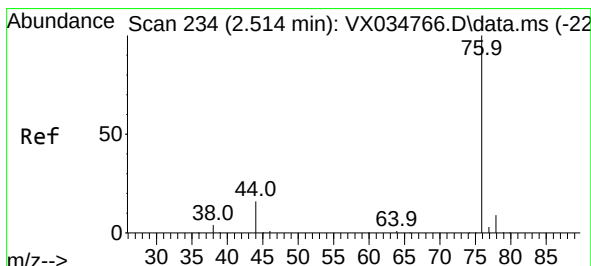
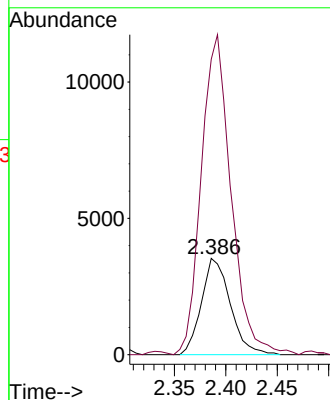
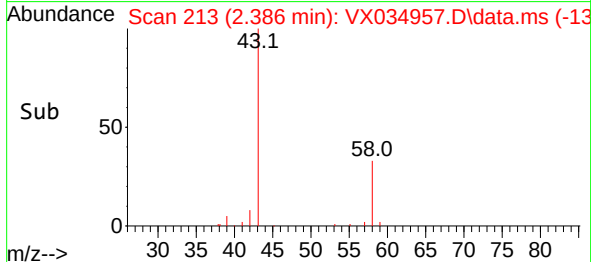
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2023



Tgt Ion: 58 Resp: 6910
Ion Ratio Lower Upper
58 100
43 302.7 270.8 406.2

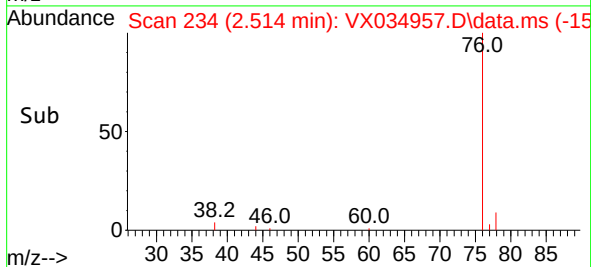
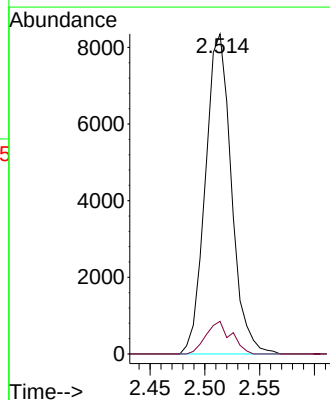
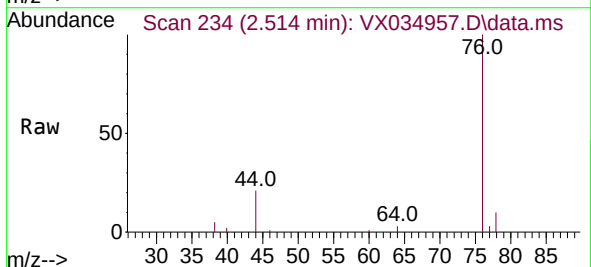
Manual Integrations
APPROVED

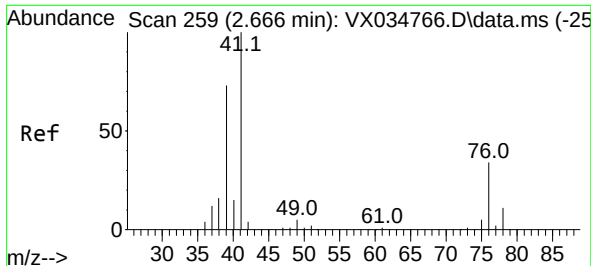
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#16
Carbon Disulfide
Concen: 1.708 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

Tgt Ion: 76 Resp: 13789
Ion Ratio Lower Upper
76 100
78 10.2 7.0 10.6





#17

Allyl chloride

Concen: 2.010 ug/l

RT: 2.660 min Scan# 259

Delta R.T. -0.006 min

Lab File: VX034957.D

Acq: 06 Apr 2023 16:10

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

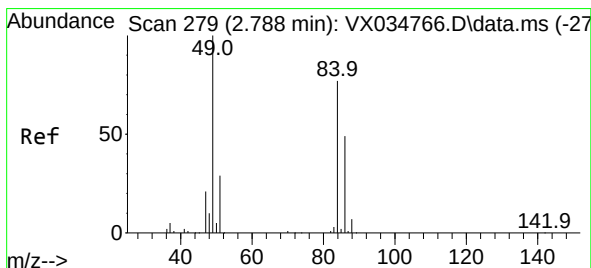
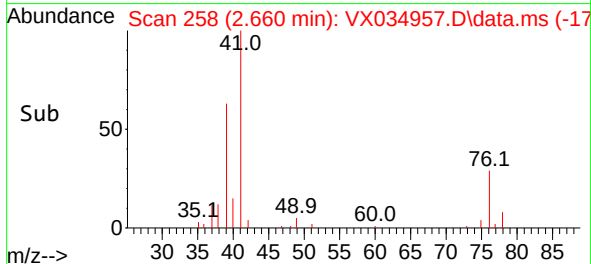
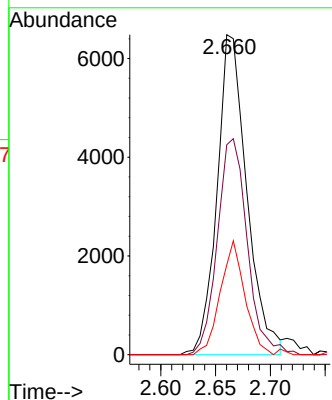
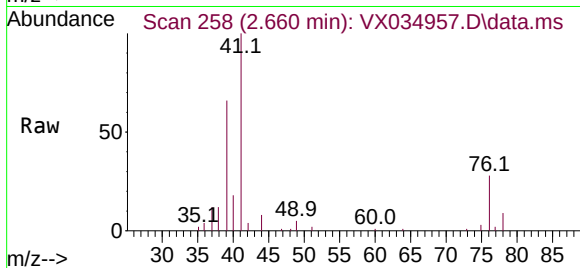
Tgt Ion:	41	Resp:	12274
Ion	Ratio	Lower	Upper
41	100		
39	65.6	36.4	109.3
76	28.0	17.0	51.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#18

Methylene Chloride

Concen: 2.350 ug/l

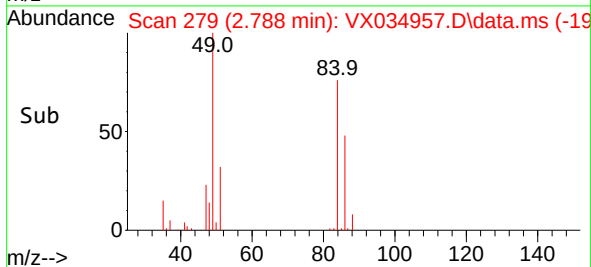
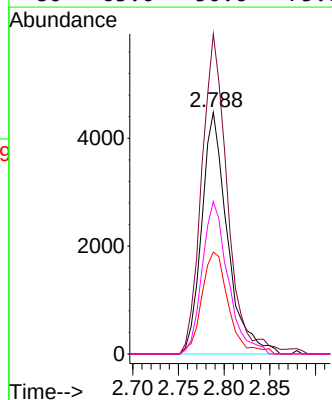
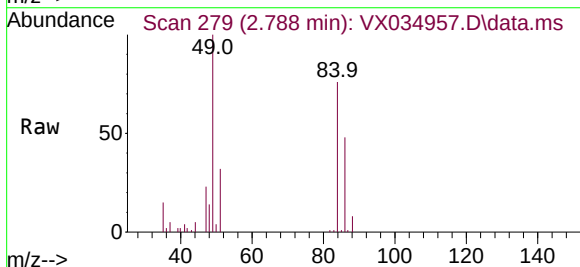
RT: 2.788 min Scan# 279

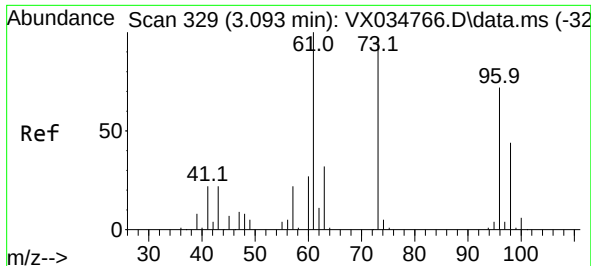
Delta R.T. 0.000 min

Lab File: VX034957.D

Acq: 06 Apr 2023 16:10

Tgt Ion:	84	Resp:	8735
Ion	Ratio	Lower	Upper
84	100		
49	132.4	103.9	155.9
51	42.2	30.6	45.8
86	63.0	50.6	75.8





#19

trans-1,2-Dichloroethene

Concen: 2.058 ug/l

RT: 3.093 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX034957.D

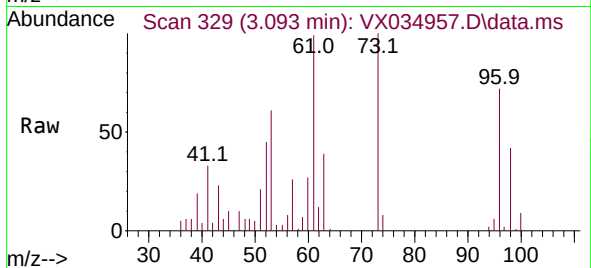
Acq: 06 Apr 2023 16:10

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023



Tgt Ion: 96 Resp: 710

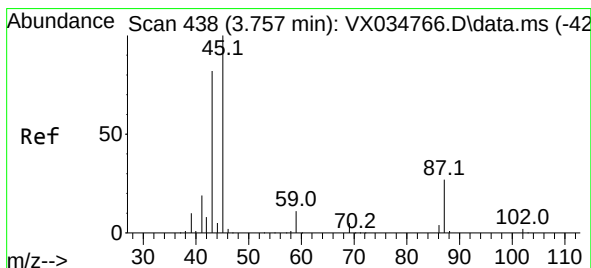
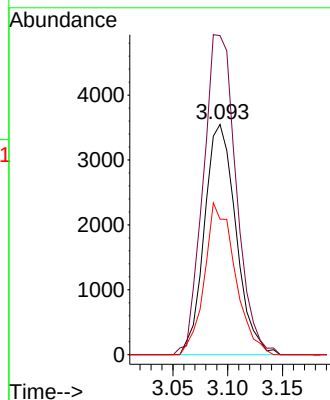
Ion	Ratio	Lower	Upper
96	100		
61	138.5	111.1	166.7
98	58.8	48.6	72.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#20

Diisopropyl ether

Concen: 2.222 ug/l

RT: 3.757 min Scan# 438

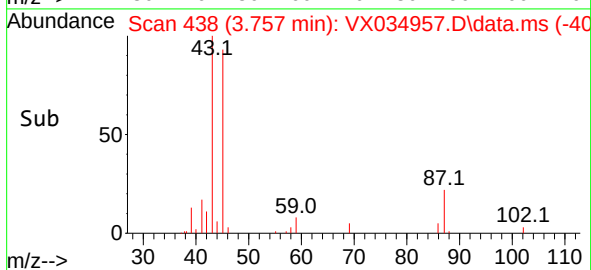
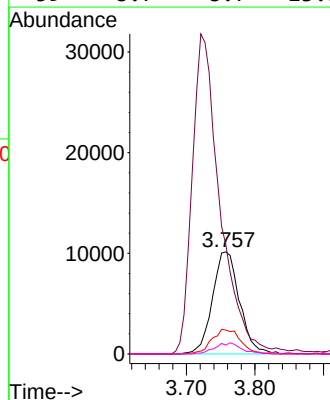
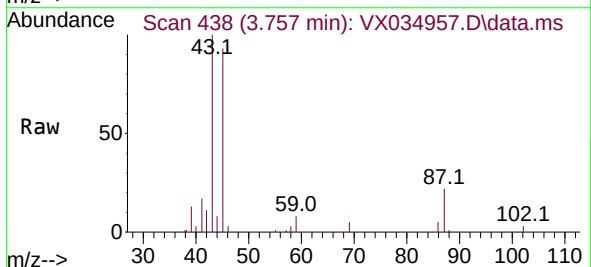
Delta R.T. 0.000 min

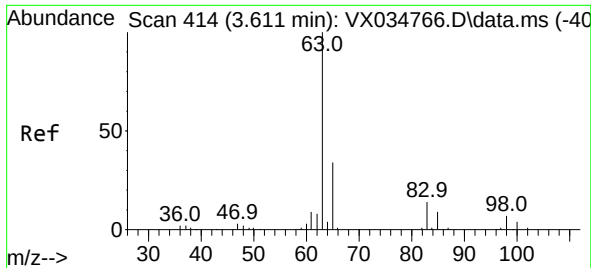
Lab File: VX034957.D

Acq: 06 Apr 2023 16:10

Tgt Ion: 45 Resp: 27804

Ion	Ratio	Lower	Upper
45	100		
43	102.4	66.0	99.0#
87	23.4	21.8	32.6
59	8.7	8.7	13.1#





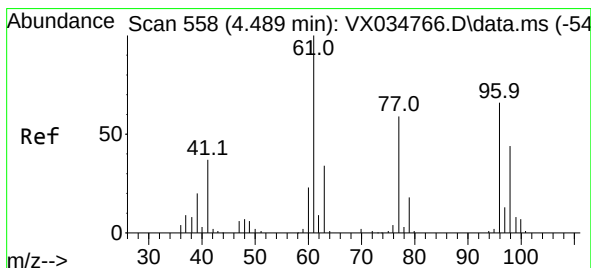
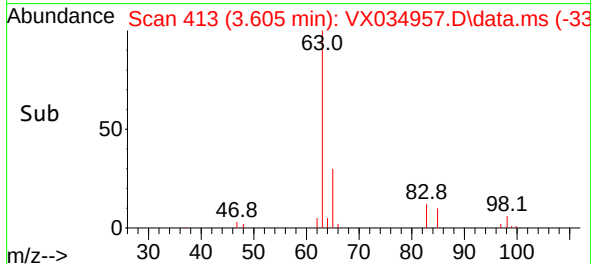
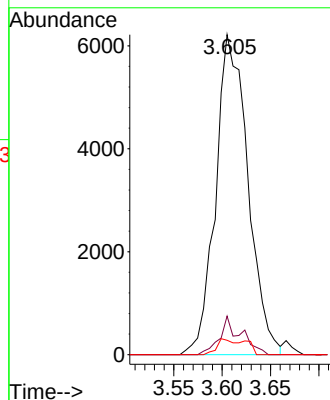
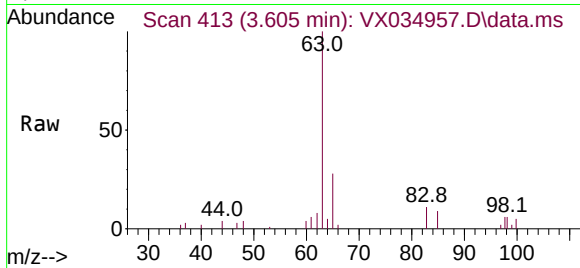
#21
1,1-Dichloroethane
Concen: 2.159 ug/l
RT: 3.605 min Scan# 414
Delta R.T. -0.006 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 63 Resp: 1444
Ion Ratio Lower Upper
63 100
98 12.0 3.5 10.6
100 4.5 2.2 6.6

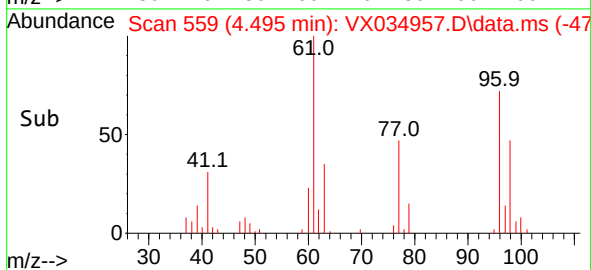
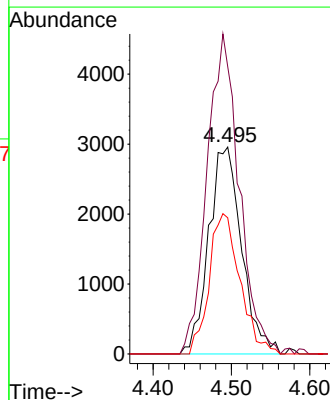
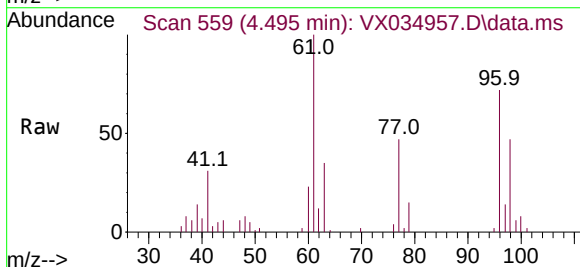
Manual Integrations
APPROVED

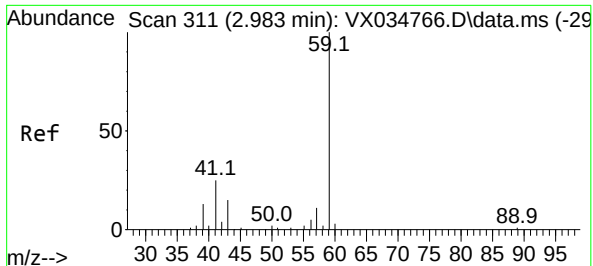
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#22
cis-1,2-Dichloroethene
Concen: 2.143 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

Tgt Ion: 96 Resp: 8617
Ion Ratio Lower Upper
96 100
61 151.1 121.7 182.5
98 62.3 52.2 78.2





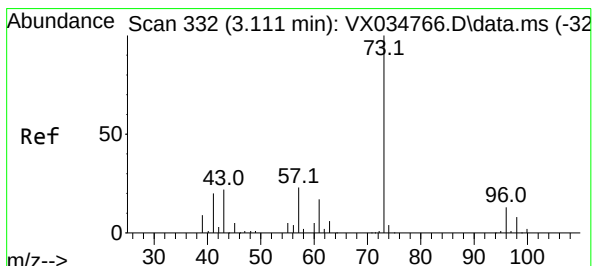
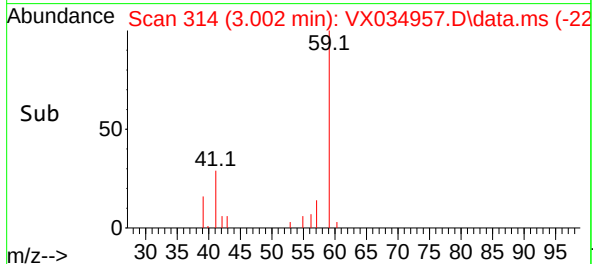
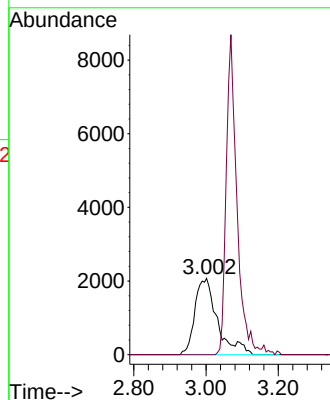
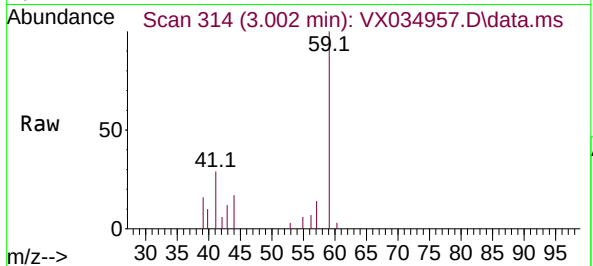
#23
tert-Butyl Alcohol
Concen: 10.334 ug/l m
RT: 3.002 min Scan# 311
Delta R.T. 0.019 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 59 Resp: 894
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.4

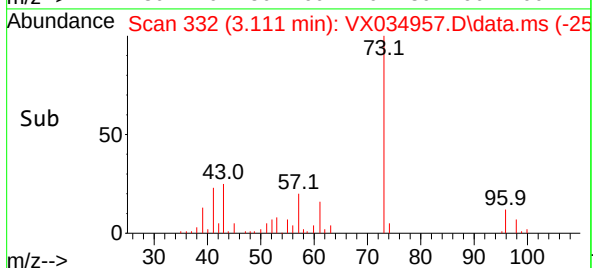
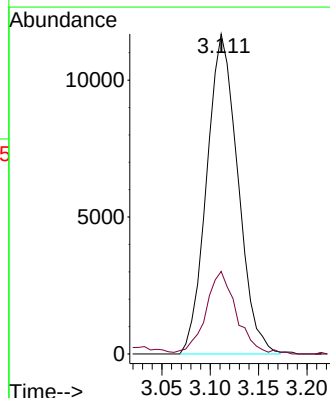
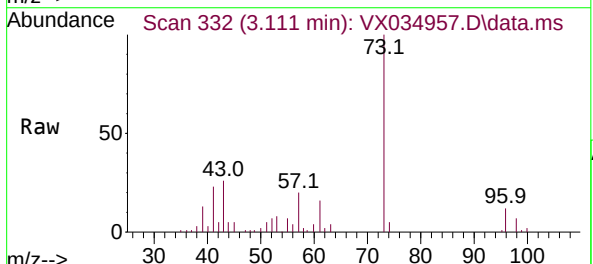
Manual Integrations
APPROVED

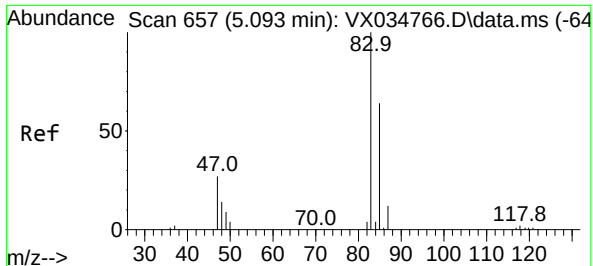
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#24
Methyl tert-Butyl Ether
Concen: 2.237 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

Tgt Ion: 73 Resp: 26236
Ion Ratio Lower Upper
73 100
43 25.1 17.9 26.9





#25

Chloroform

Concen: 2.191 ug/l

RT: 5.093 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX034957.D

Acq: 06 Apr 2023 16:10

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 83 Resp: 1490

Ion Ratio Lower Upper

83 100

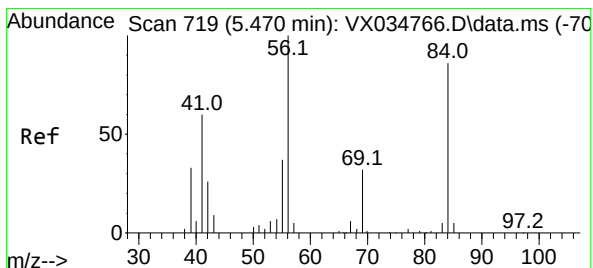
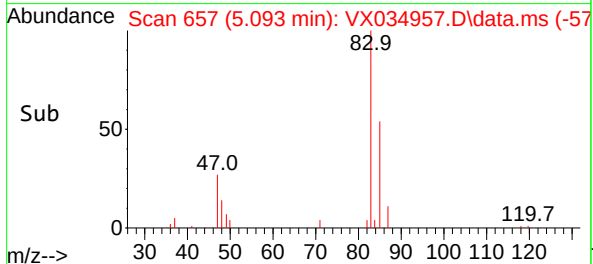
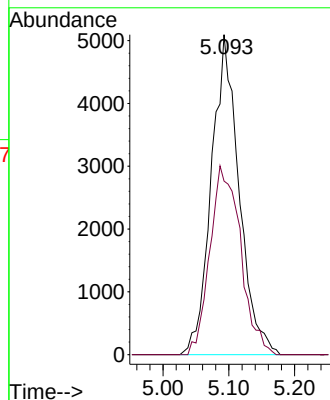
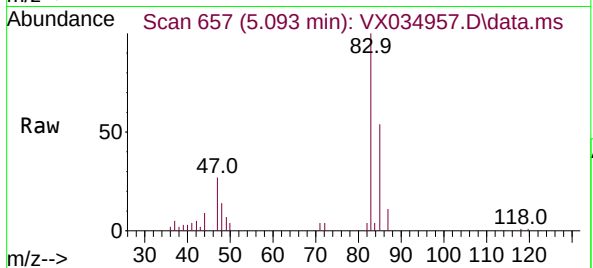
85 54.2 51.2 76.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#26

Cyclohexane

Concen: 1.915 ug/l

RT: 5.464 min Scan# 718

Delta R.T. -0.006 min

Lab File: VX034957.D

Acq: 06 Apr 2023 16:10

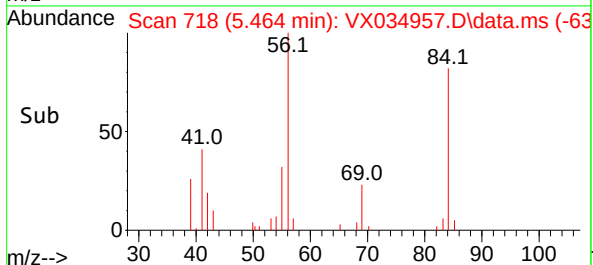
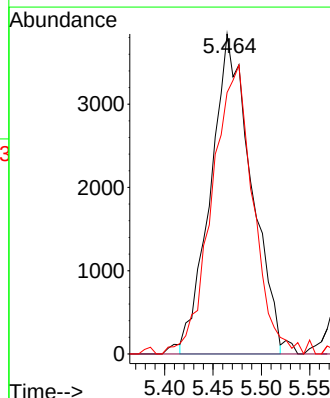
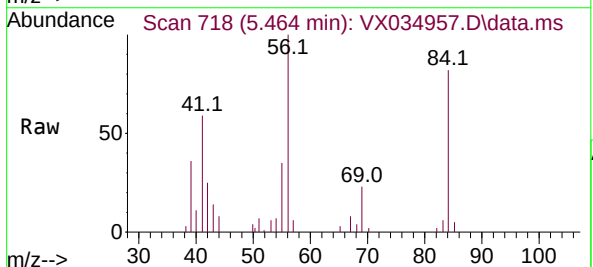
Tgt Ion: 56 Resp: 11228

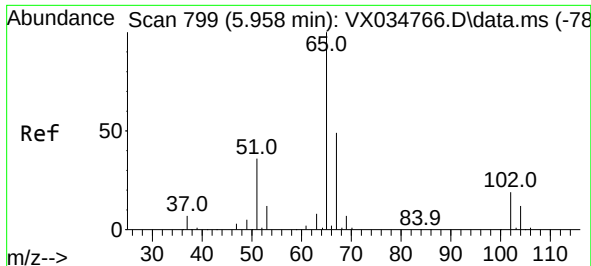
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 91.1 67.4 101.2





#27

1,2-Dichloroethane-d4

Concen: 28.295 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX034957.D

Acq: 06 Apr 2023 16:10

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 65 Resp: 86434

Ion Ratio Lower Upper

65 100

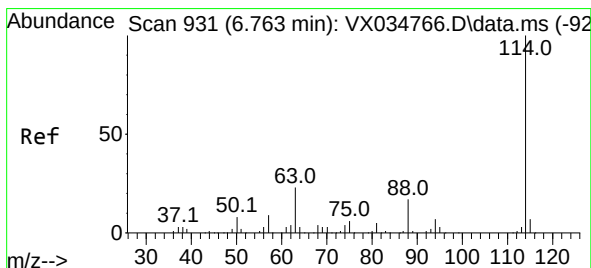
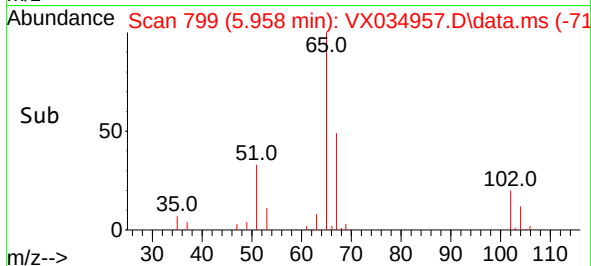
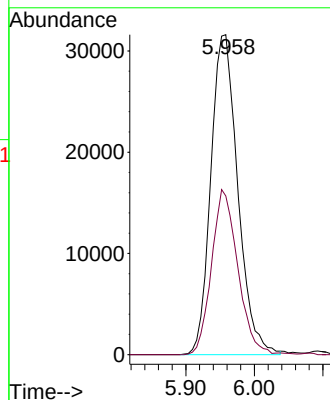
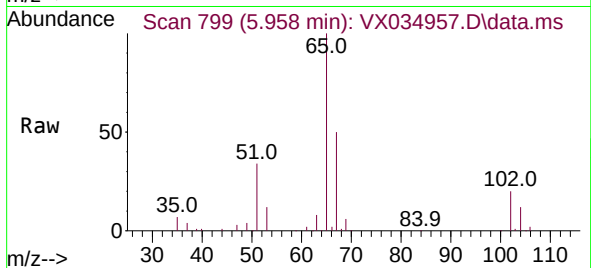
67 50.0 40.9 61.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX034957.D

Acq: 06 Apr 2023 16:10

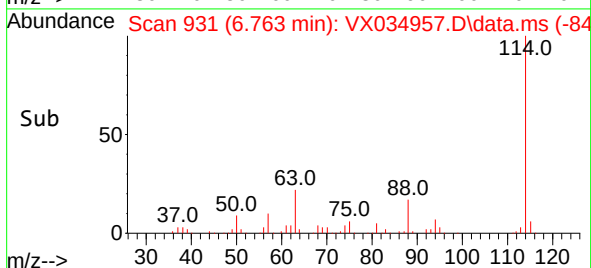
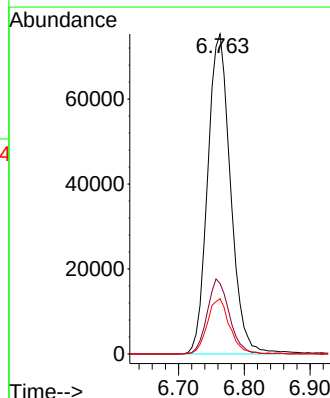
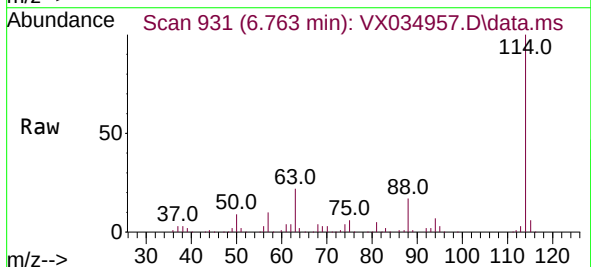
Tgt Ion:114 Resp: 182068

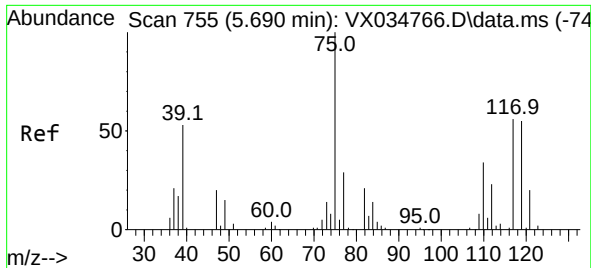
Ion Ratio Lower Upper

114 100

63 22.6 18.0 27.0

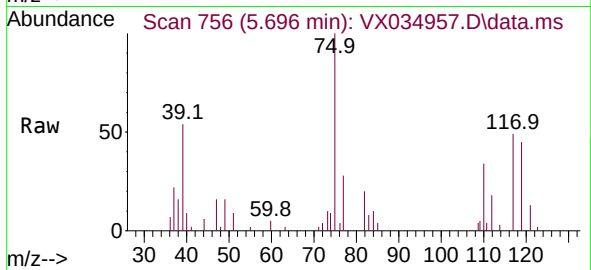
88 16.9 13.3 19.9





#29
1,1-Dichloropropene
Concen: 2.383 ug/l
RT: 5.696 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

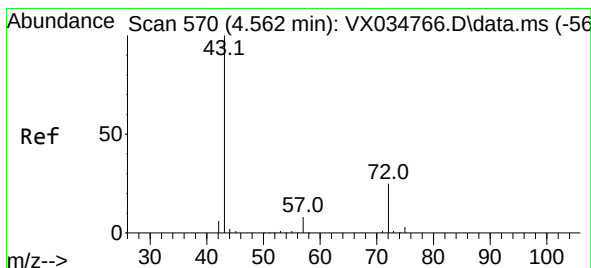
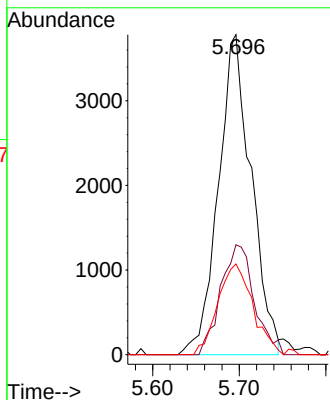
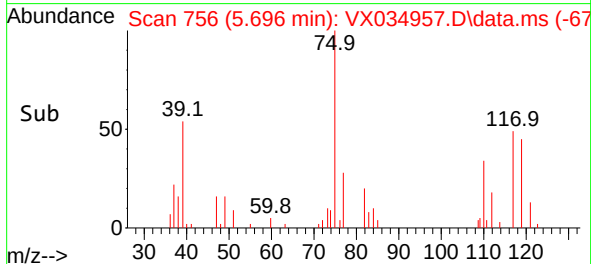
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



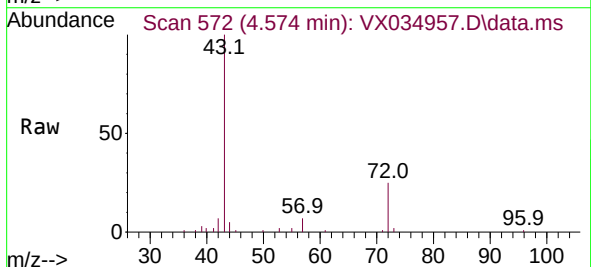
Tgt Ion: 75 Resp: 998
Ion Ratio Lower Upper
75 100
110 34.9 0.0 71.4
77 30.0 0.0 61.6

Manual Integrations
APPROVED

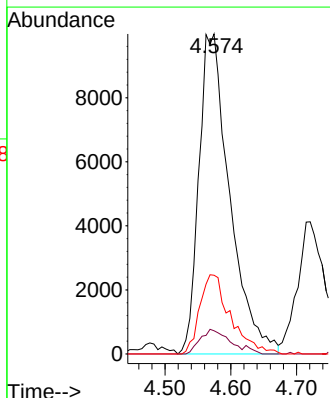
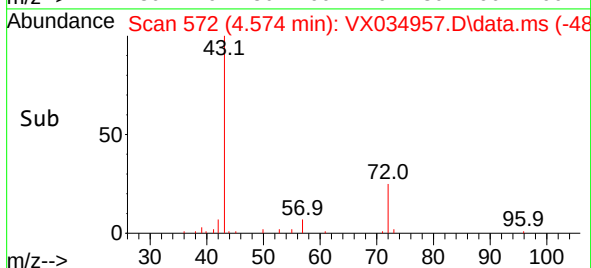
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

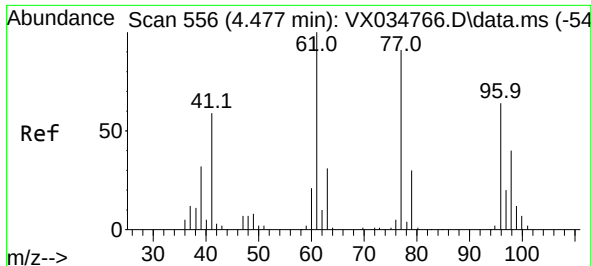


#30
2-Butanone
Concen: 13.949 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10



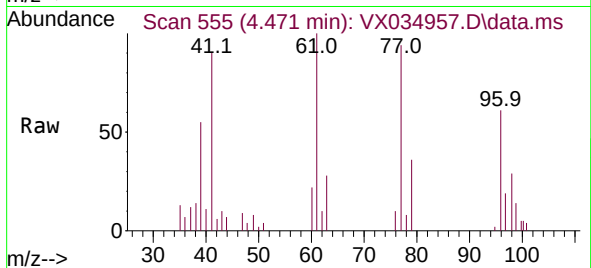
Tgt Ion: 43 Resp: 32575
Ion Ratio Lower Upper
43 100
57 6.9 6.3 9.5
72 24.4 19.6 29.4





#31
2,2-Dichloropropane
Concen: 2.125 ug/l
RT: 4.471 min Scan# 511
Delta R.T. -0.006 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

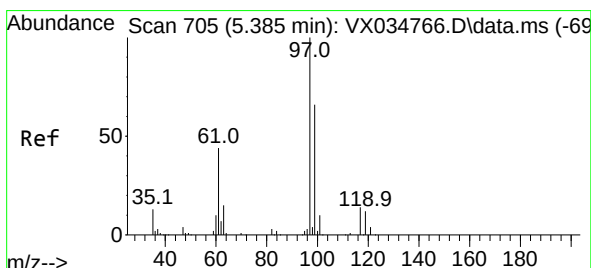
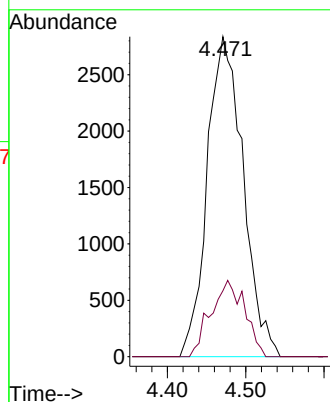
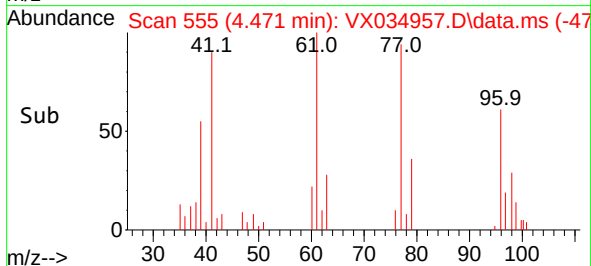
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2023



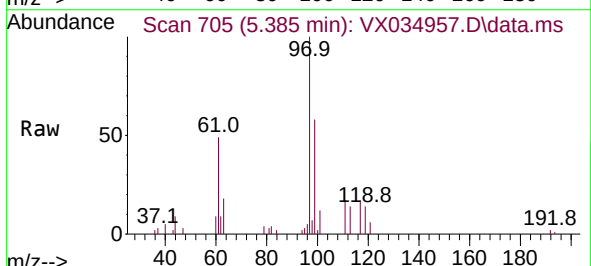
Tgt Ion: 77 Resp: 9024
Ion Ratio Lower Upper
77 100
97 6.5 18.2 27.4

Manual Integrations
APPROVED

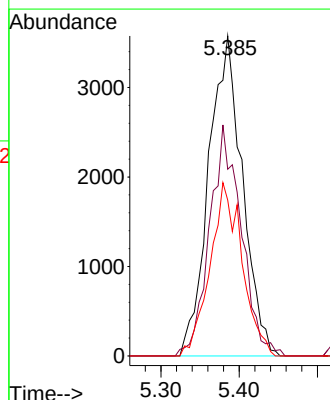
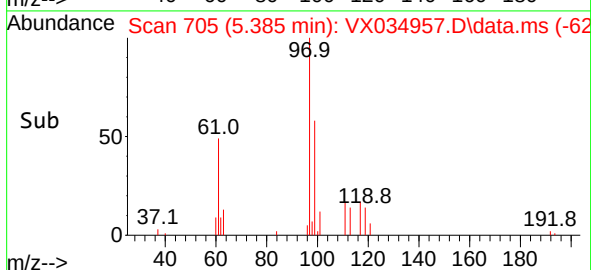
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

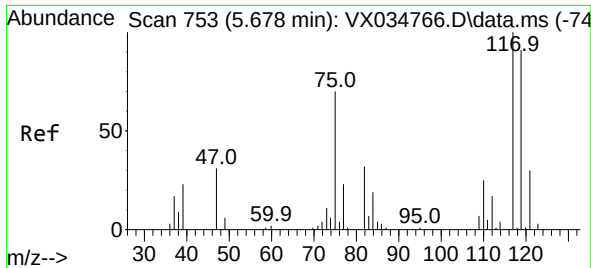


#32
1,1,1-Trichloroethane
Concen: 2.183 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10



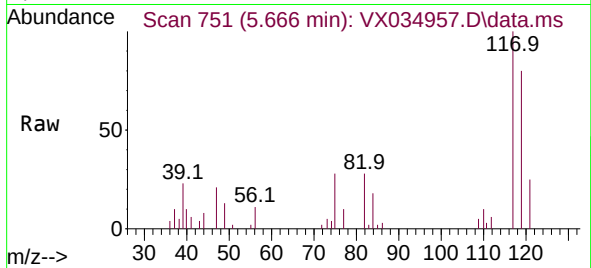
Tgt Ion: 97 Resp: 10723
Ion Ratio Lower Upper
97 100
99 66.4 51.3 76.9
61 35.1 36.6 55.0





#33
Carbon Tetrachloride
Concen: 2.281 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.012 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

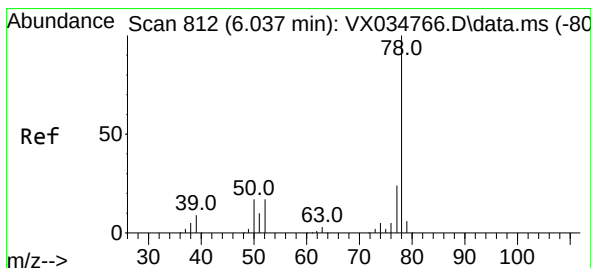
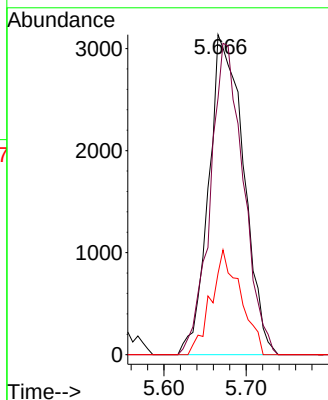
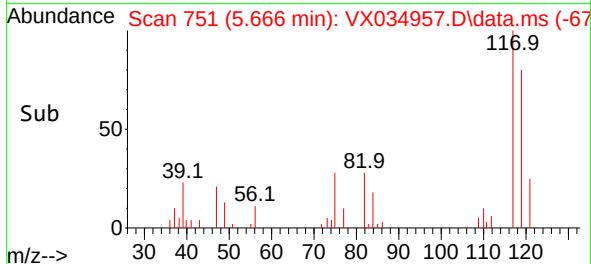
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



Tgt Ion:117 Resp: 9250
Ion Ratio Lower Upper
117 100
119 80.2 73.3 109.9
121 25.4 24.0 36.0

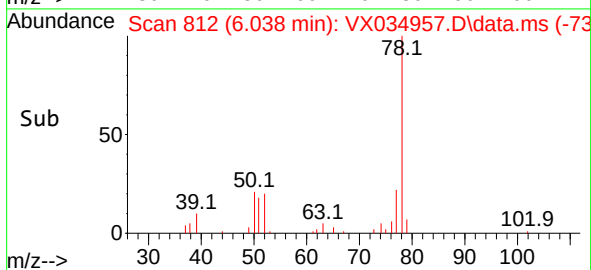
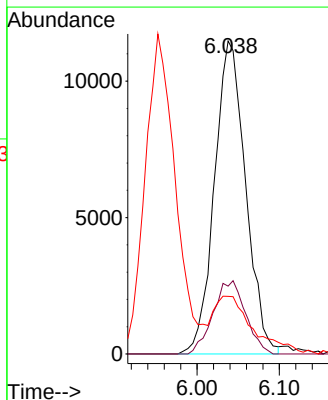
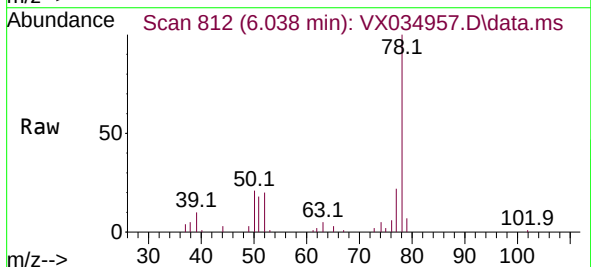
Manual Integrations
APPROVED

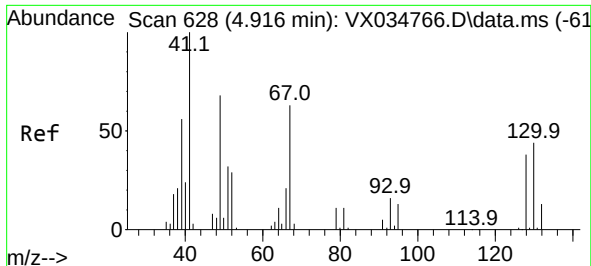
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#34
Benzene
Concen: 2.484 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.001 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

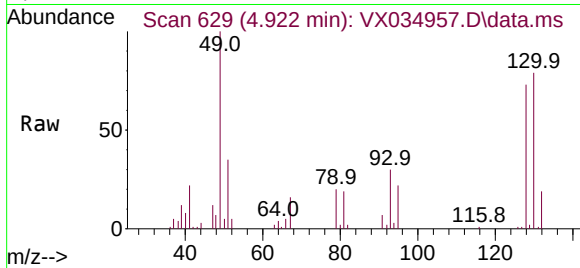
Tgt Ion: 78 Resp: 30232
Ion Ratio Lower Upper
78 100
77 21.7 19.0 28.4
51 14.7 14.6 21.8





#35
Methacrylonitrile
Concen: 1.845 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

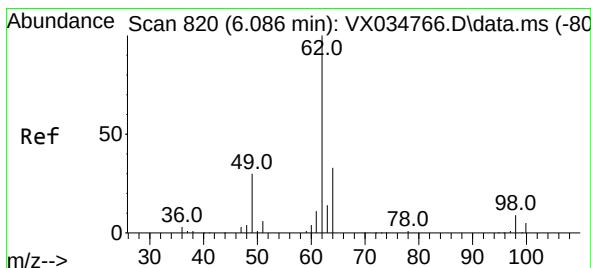
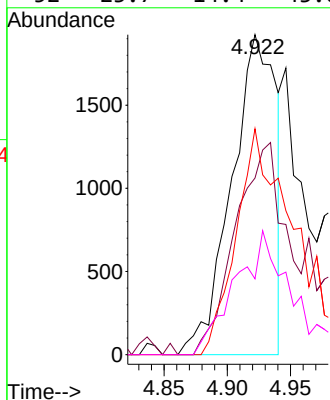
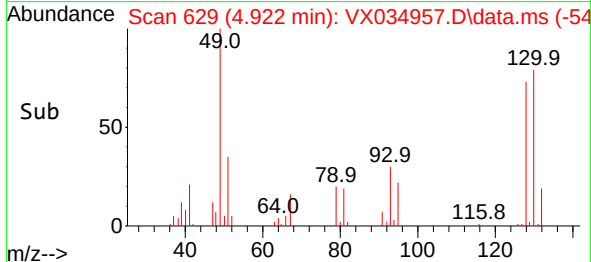
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



Tgt Ion	Ratio	Lower	Upper
41	100		
39	55.2	28.0	84.0
67	70.6	31.6	94.7
52	23.7	14.4	43.0

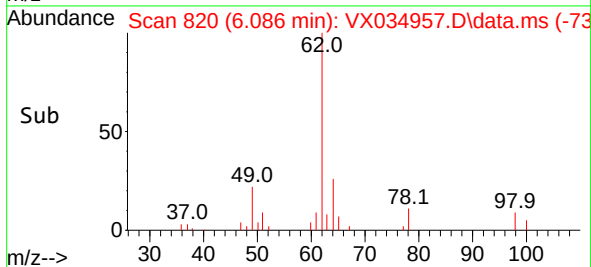
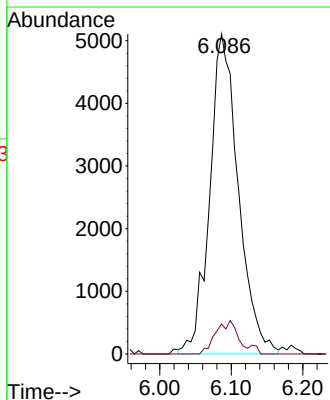
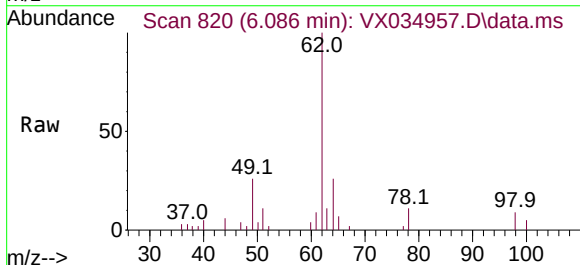
Manual Integrations
APPROVED

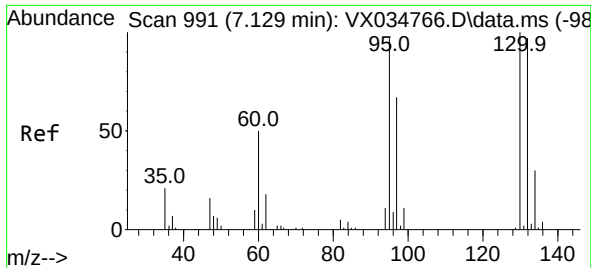
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#36
1,2-Dichloroethane
Concen: 2.984 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

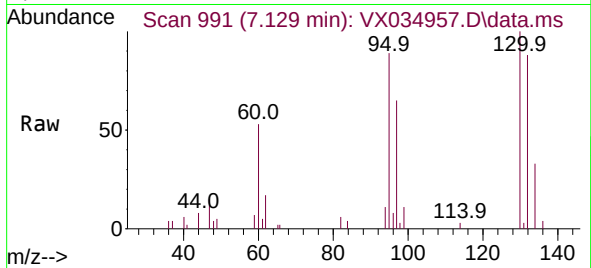
Tgt Ion	Ratio	Lower	Upper
62	100		
98	4.4	7.0	10.6





#37
Trichloroethene
Concen: 2.428 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

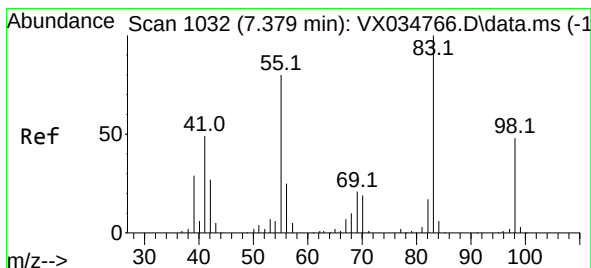
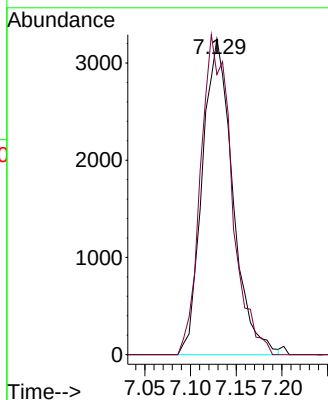
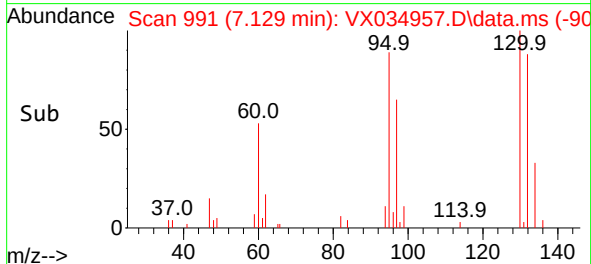
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2023



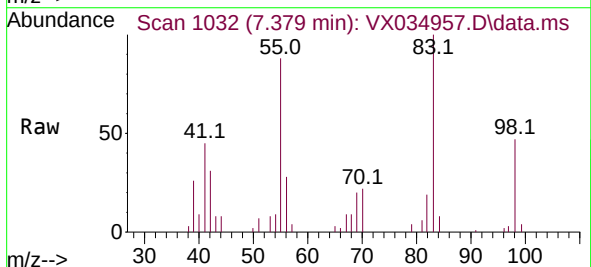
Tgt Ion:130 Resp: 7520
Ion Ratio Lower Upper
130 100
95 88.7 77.8 116.6

Manual Integrations
APPROVED

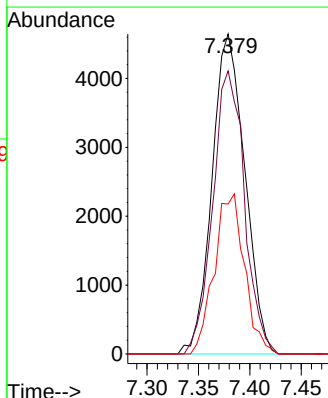
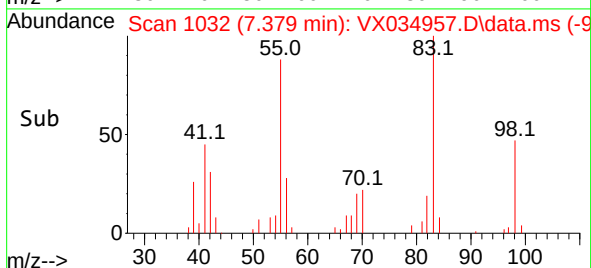
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

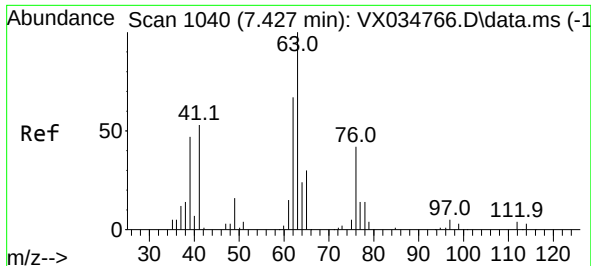


#38
Methylcyclohexane
Concen: 2.255 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10



Tgt Ion: 83 Resp: 10317
Ion Ratio Lower Upper
83 100
55 85.2 38.8 116.4
98 46.1 23.8 71.2





#39

1,2-Dichloropropane

Concen: 2.665 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VX034957.D

Acq: 06 Apr 2023 16:10

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

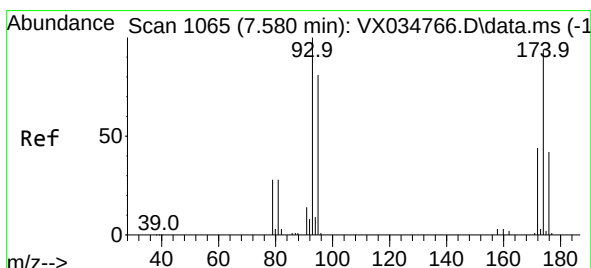
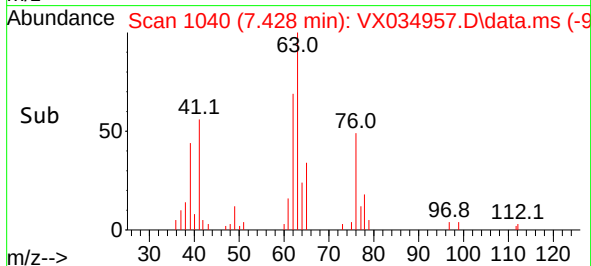
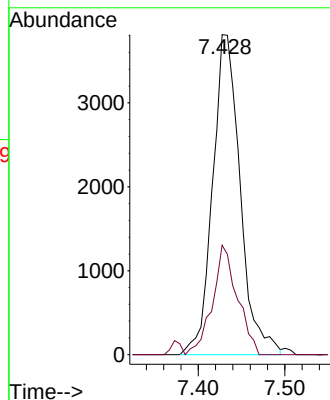
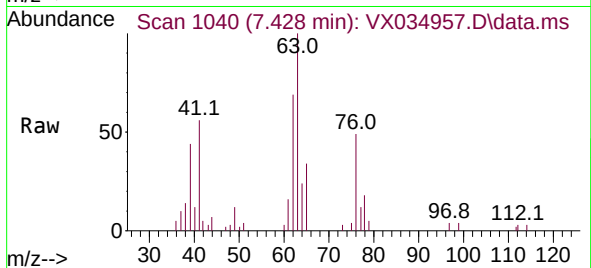
Tgt Ion: 63 Resp: 8429
 Ion Ratio Lower Upper
 63 100
 65 34.2 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#40

Dibromomethane

Concen: 2.698 ug/l

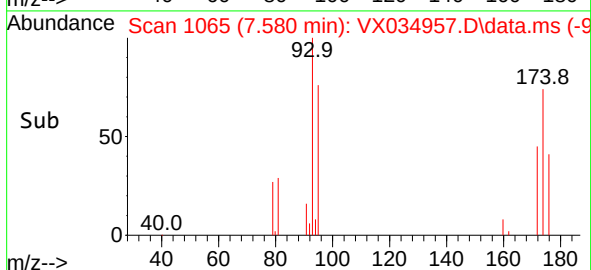
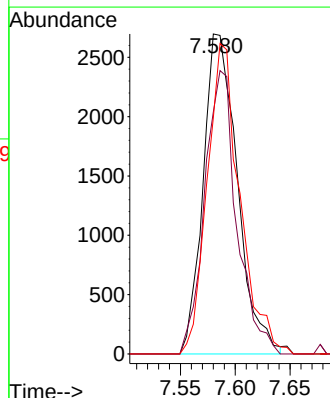
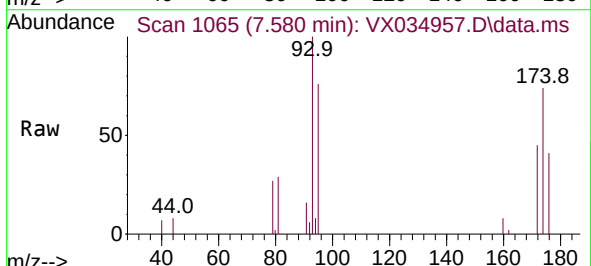
RT: 7.580 min Scan# 1065

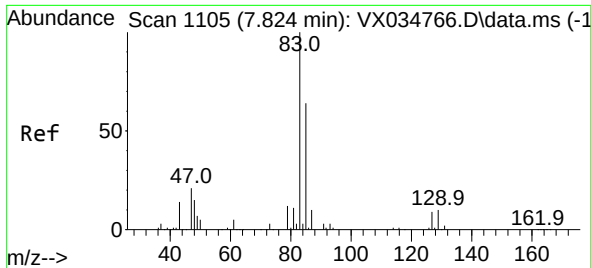
Delta R.T. -0.000 min

Lab File: VX034957.D

Acq: 06 Apr 2023 16:10

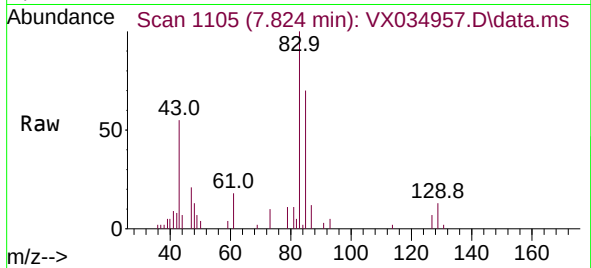
Tgt Ion: 93 Resp: 5863
 Ion Ratio Lower Upper
 93 100
 95 83.0 0.0 165.8
 174 89.2 0.0 188.8





#41
Bromodichloromethane
Concen: 2.301 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

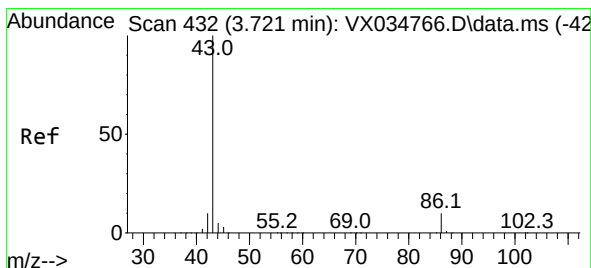
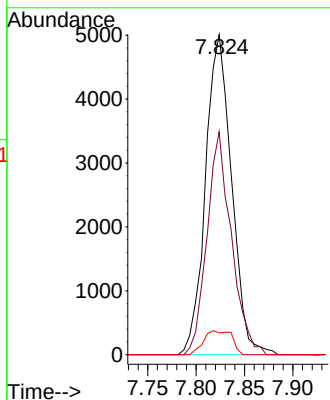
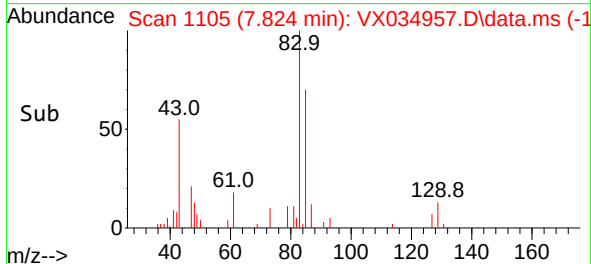
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2023



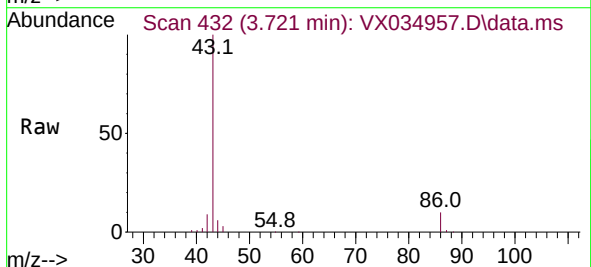
Tgt Ion: 83 Resp: 9410
Ion Ratio Lower Upper
83 100
85 69.6 51.1 76.7
127 6.8 8.2 12.4

Manual Integrations
APPROVED

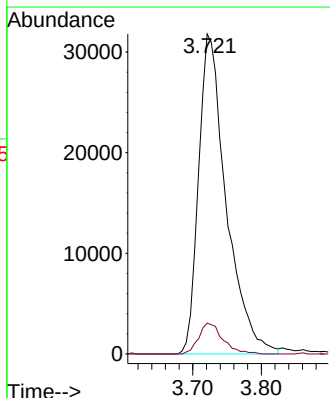
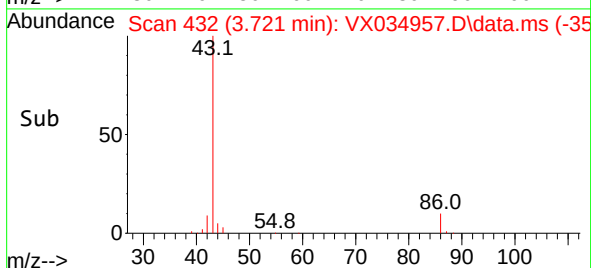
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

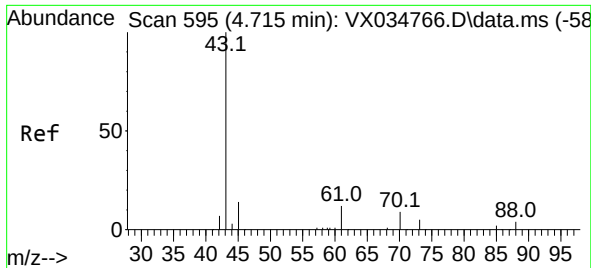


#42
Vinyl Acetate
Concen: 11.704 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10



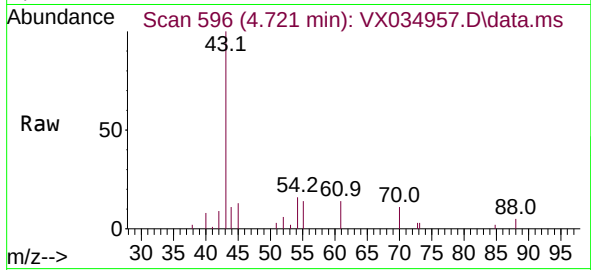
Tgt Ion: 43 Resp: 89173
Ion Ratio Lower Upper
43 100
86 8.4 6.9 10.3





#43
Ethyl Acetate
Concen: 2.412 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

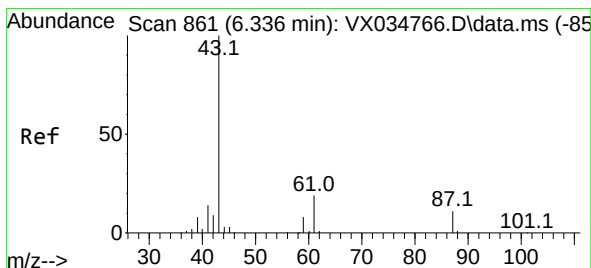
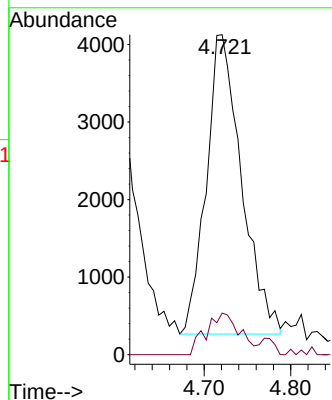
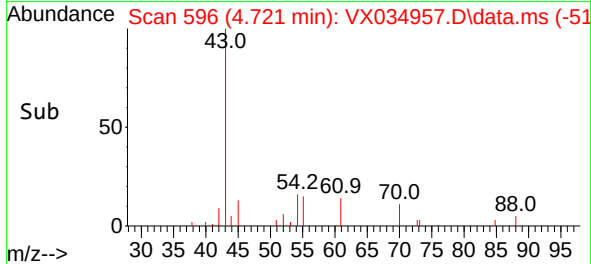
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



Tgt Ion: 43 Resp: 10925
Ion Ratio Lower Upper
43 100
45 10.7 12.0 18.0

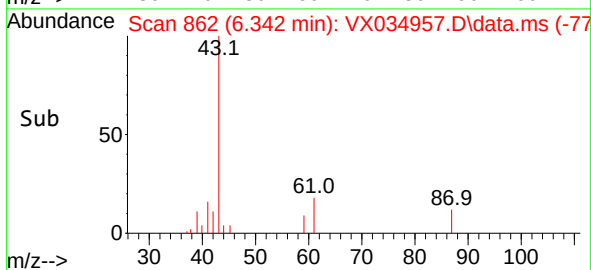
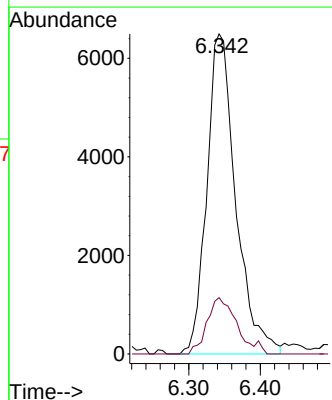
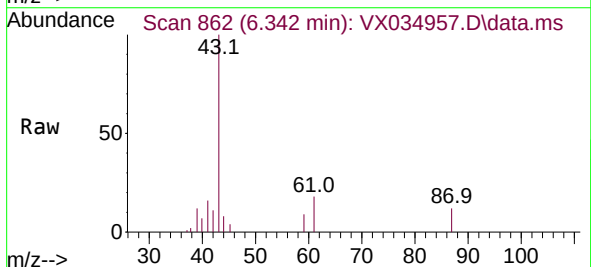
Manual Integrations
APPROVED

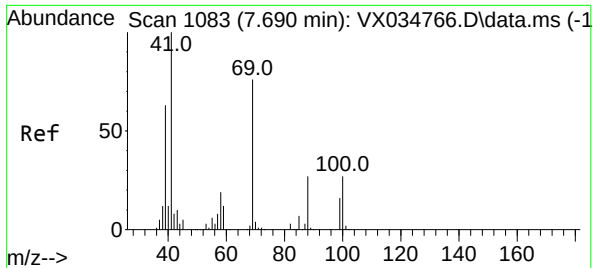
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#44
Isopropyl Acetate
Concen: 2.382 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

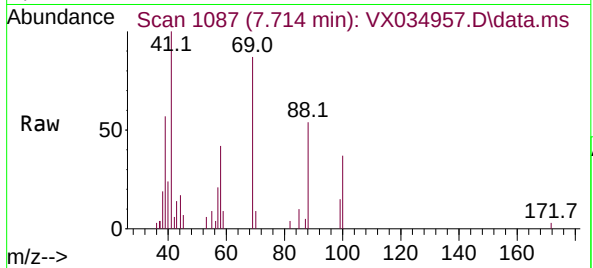
Tgt Ion: 43 Resp: 18265
Ion Ratio Lower Upper
43 100
61 17.4 15.4 23.0





#45
1,4-Dioxane
Concen: 58.201 ug/l m
RT: 7.714 min Scan# 1087
Delta R.T. 0.024 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

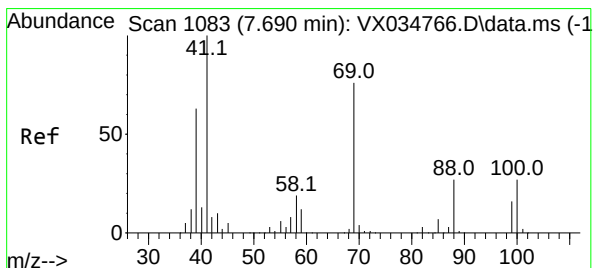
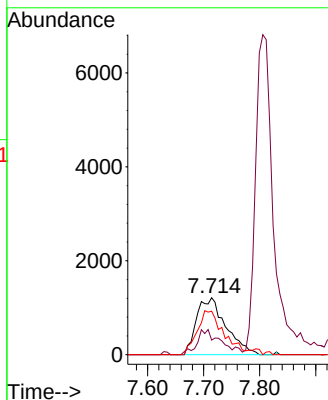
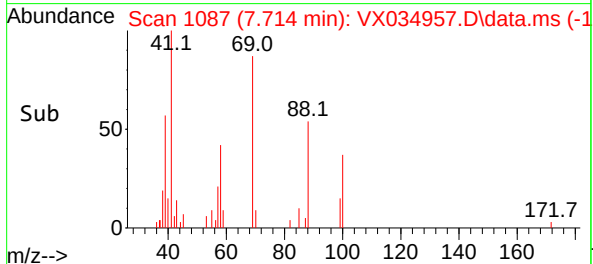
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2023



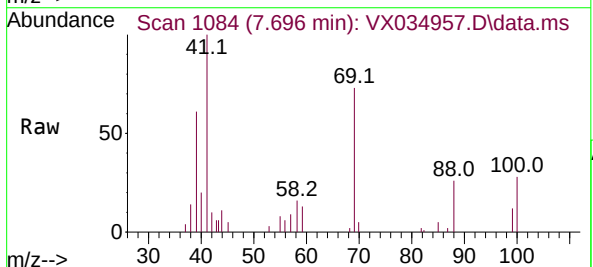
Tgt Ion: 88 Resp: 442
Ion Ratio Lower Upper
88 100
43 14.0 26.5 39.7
58 63.4 55.6 83.4

Manual Integrations
APPROVED

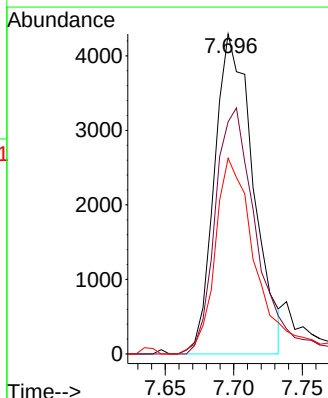
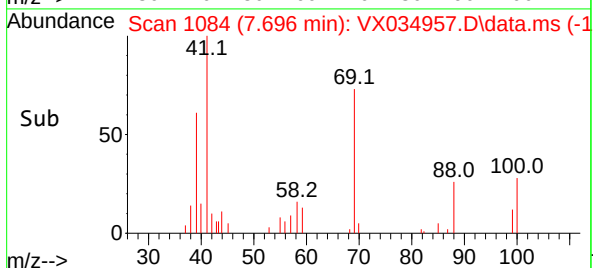
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

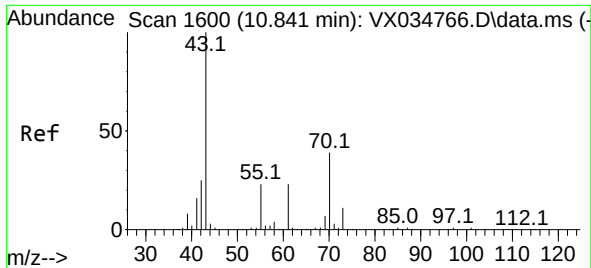


#46
Methyl methacrylate
Concen: 2.261 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10



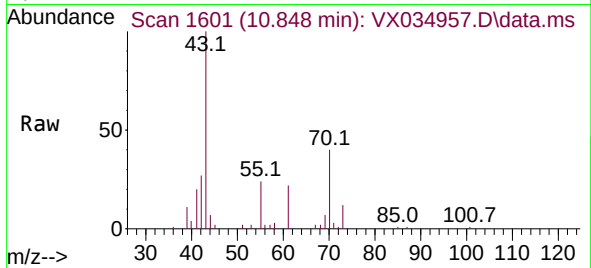
Tgt Ion: 41 Resp: 8446
Ion Ratio Lower Upper
41 100
69 72.6 38.1 114.5
39 61.2 31.4 94.3





#47
n-amyl acetate
Concen: 1.892 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.007 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

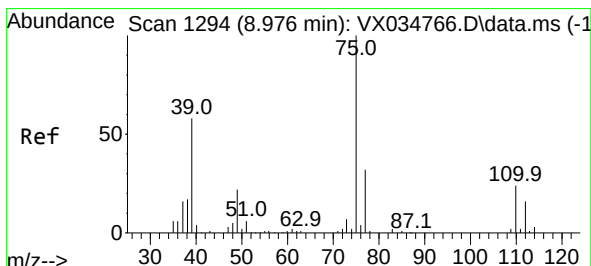
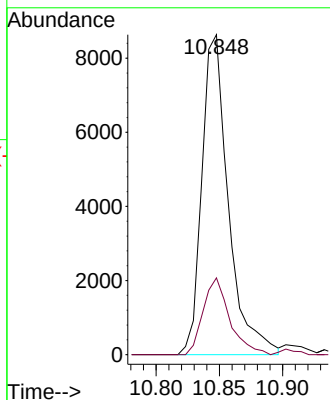
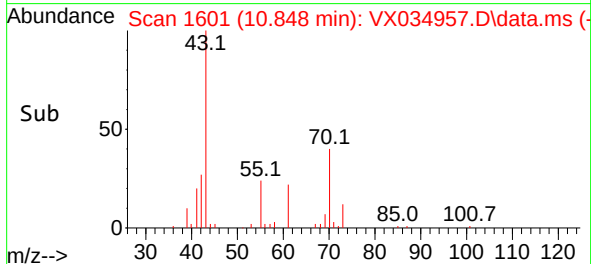
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2023



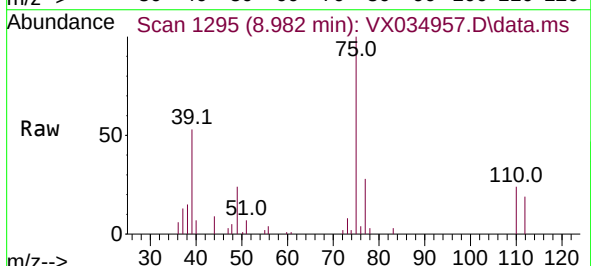
Tgt Ion: 43 Resp: 12609
Ion Ratio Lower Upper
43 100
55 24.0 18.6 28.0

Manual Integrations
APPROVED

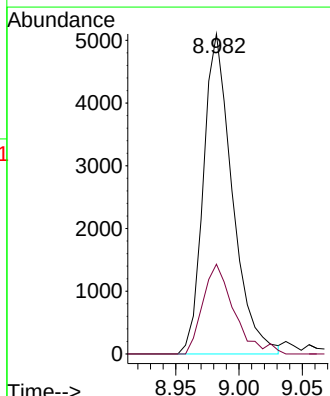
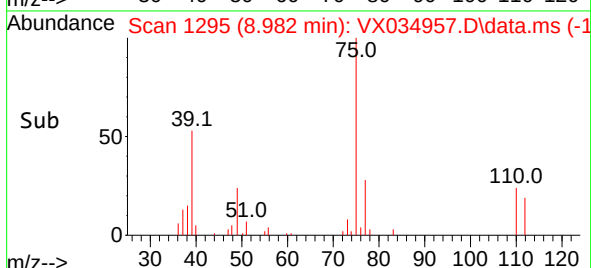
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

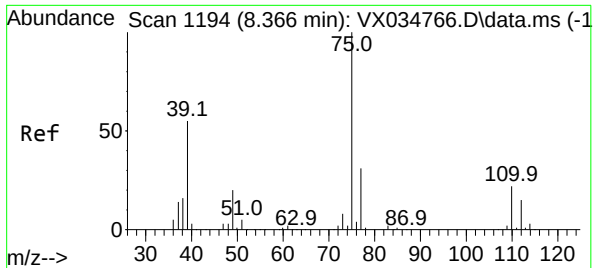


#48
t-1,3-Dichloropropene
Concen: 1.823 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10



Tgt Ion: 75 Resp: 8131
Ion Ratio Lower Upper
75 100
77 28.1 25.5 38.3





#49

cis-1,3-Dichloropropene

Concen: 1.955 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX034957.D

Acq: 06 Apr 2023 16:10

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

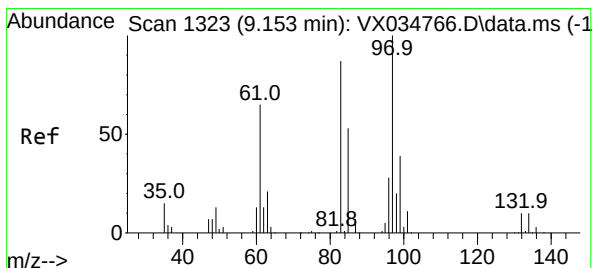
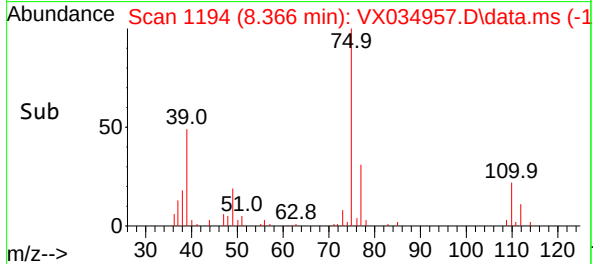
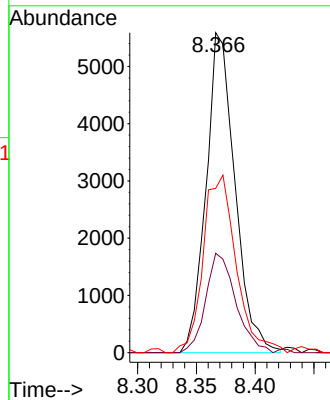
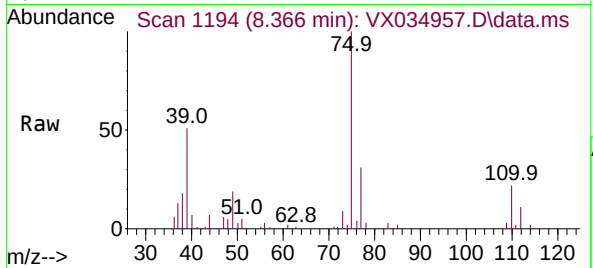
Tgt Ion: 75	Resp: 9580
Ion Ratio	Lower Upper
75 100	
77 31.0	24.6 37.0
39 49.5	44.2 66.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#50

1,1,2-Trichloroethane

Concen: 2.640 ug/l

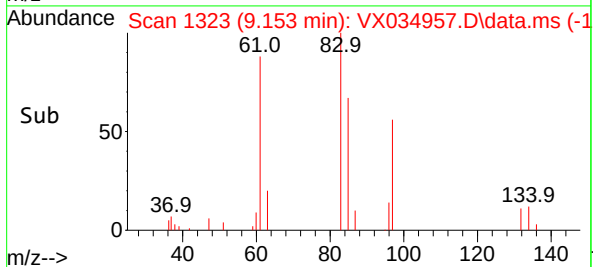
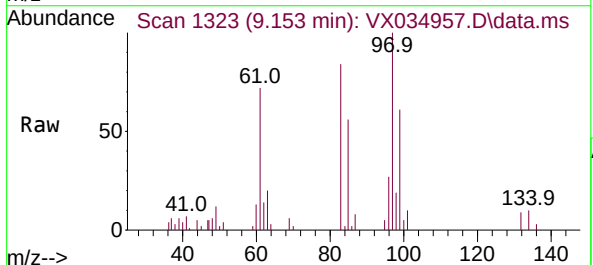
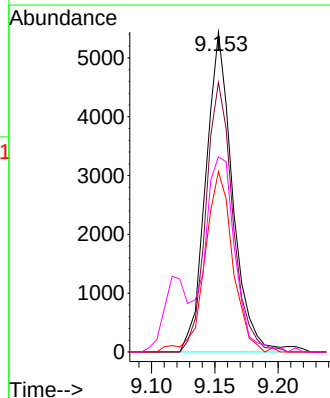
RT: 9.153 min Scan# 1323

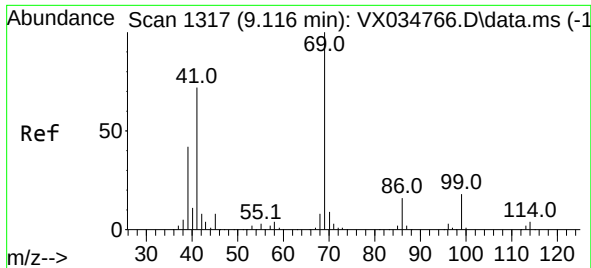
Delta R.T. -0.000 min

Lab File: VX034957.D

Acq: 06 Apr 2023 16:10

Tgt Ion: 97	Resp: 7993
Ion Ratio	Lower Upper
97 100	
83 84.2	68.9 103.3
85 56.3	44.0 66.0
99 59.5	49.0 73.4





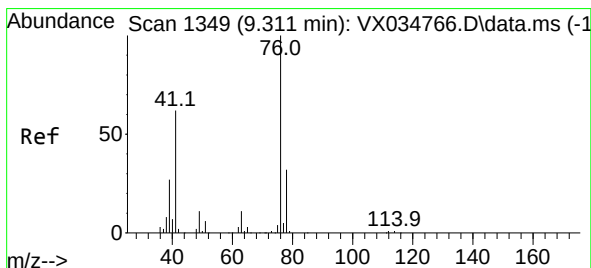
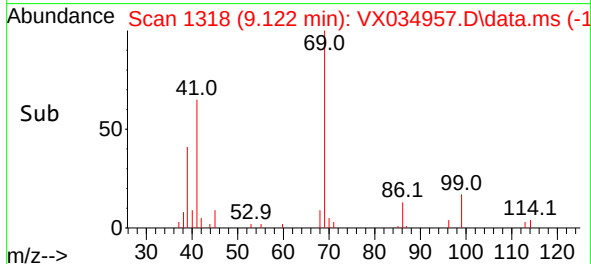
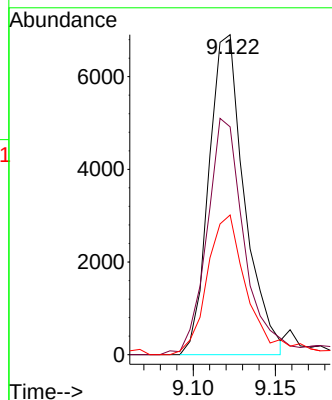
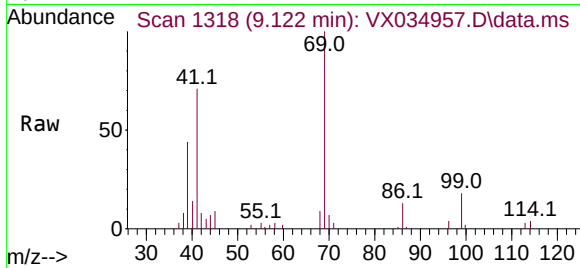
#51
Ethyl methacrylate
Concen: 2.115 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 69 Resp: 1039
Ion Ratio Lower Upper
69 100
41 70.2 36.2 108.6
39 42.5 21.2 63.6

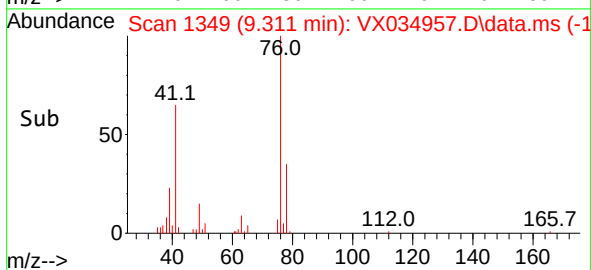
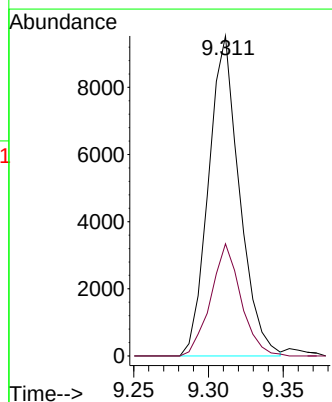
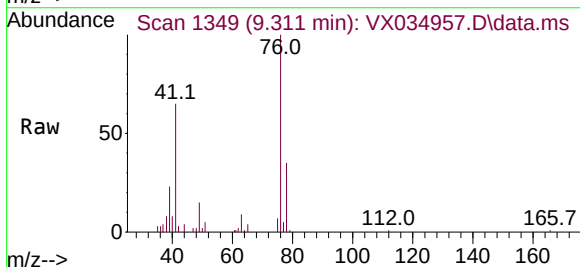
Manual Integrations
APPROVED

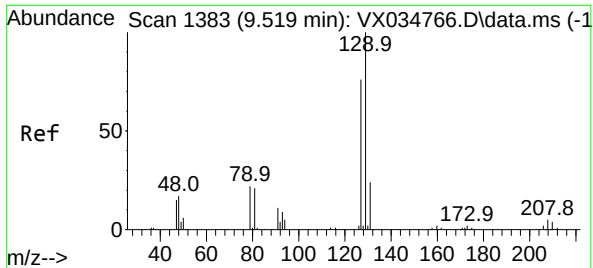
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#52
1,3-Dichloropropane
Concen: 2.562 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

Tgt Ion: 76 Resp: 13702
Ion Ratio Lower Upper
76 100
78 34.1 0.0 63.8





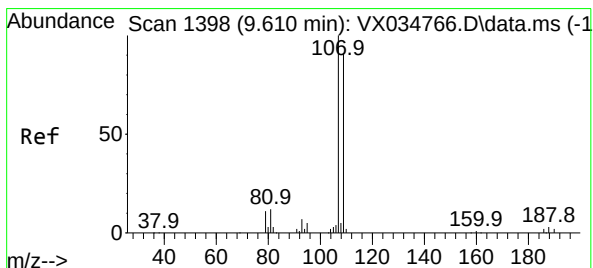
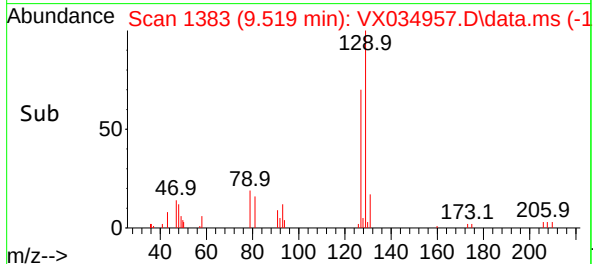
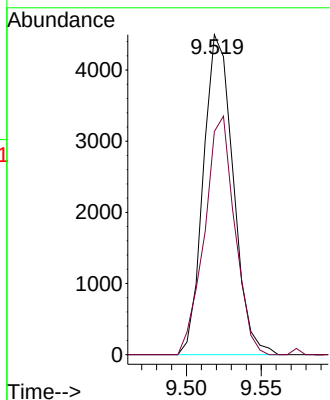
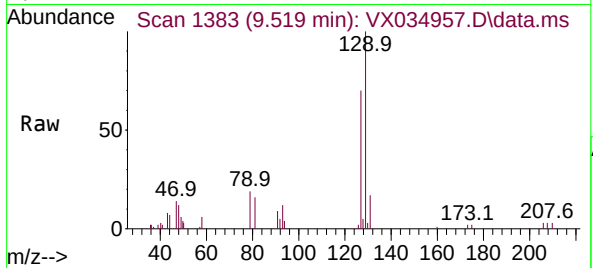
#53
Dibromochloromethane
Concen: 2.084 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

Tgt Ion:129 Resp: 624
Ion Ratio Lower Upper
129 100
127 75.5 39.1 117.5

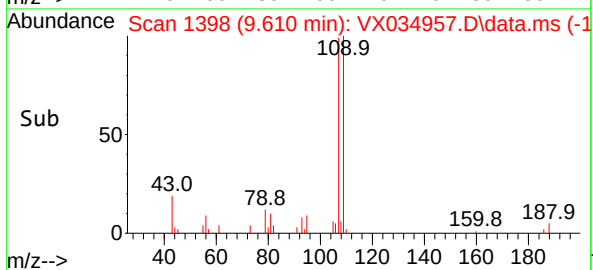
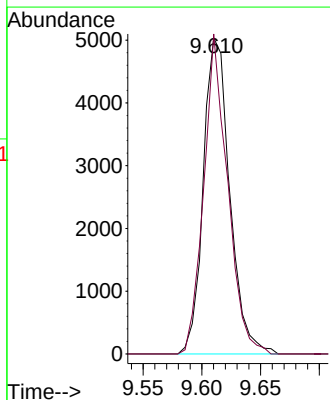
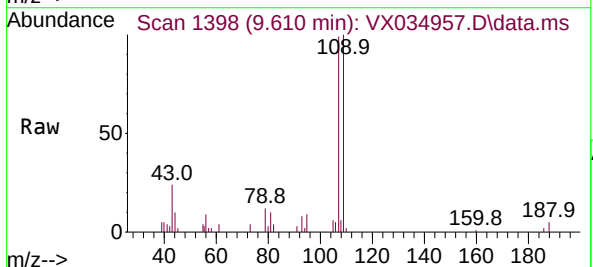
Manual Integrations
APPROVED

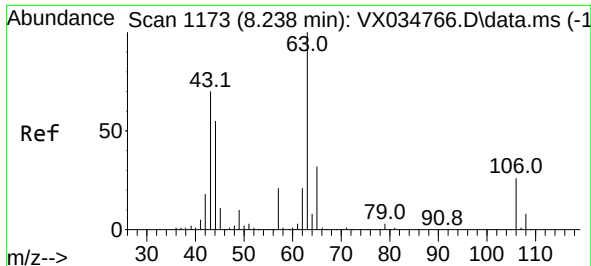
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#54
1,2-Dibromoethane
Concen: 2.437 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

Tgt Ion:107 Resp: 7890
Ion Ratio Lower Upper
107 100
109 91.5 75.4 113.2





#55

2-Chloroethyl vinyl ether

Concen: 11.237 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX034957.D

Acq: 06 Apr 2023 16:10

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

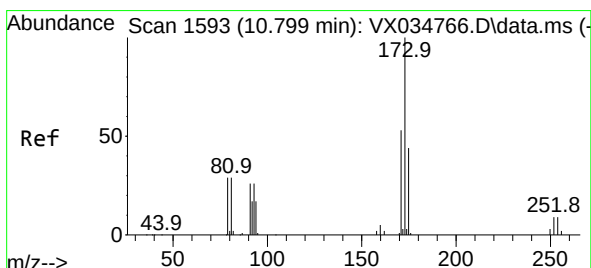
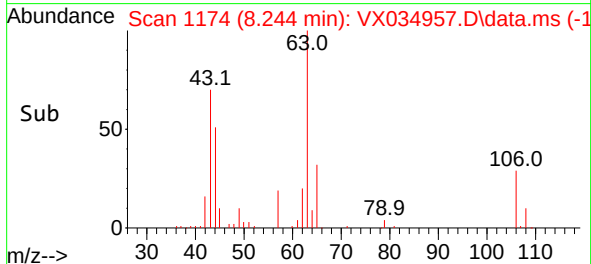
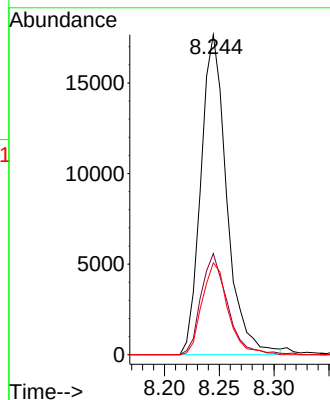
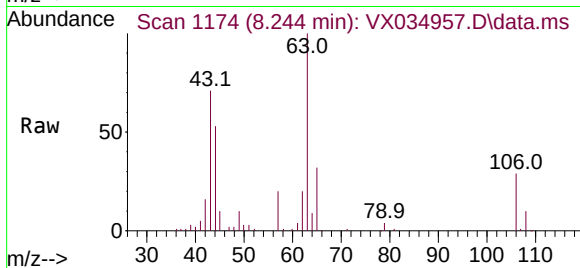
Tgt Ion:	63	Resp:	2905
Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.4	38.2
106	28.6	21.6	32.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#56

Bromoform

Concen: 1.770 ug/l

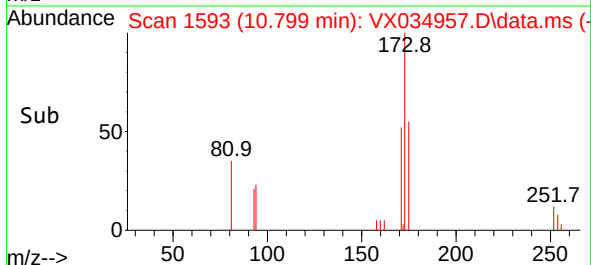
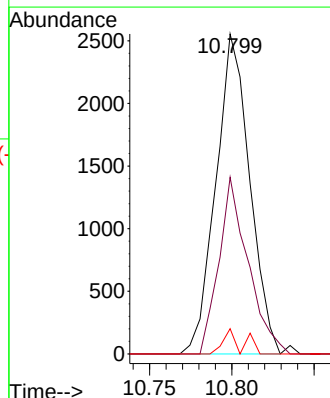
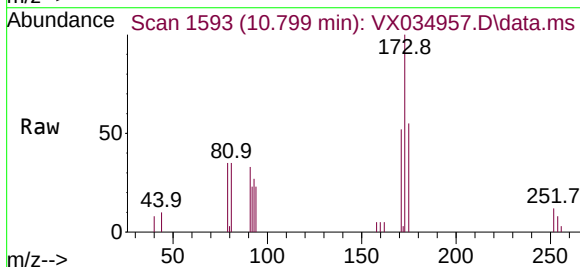
RT: 10.799 min Scan# 1593

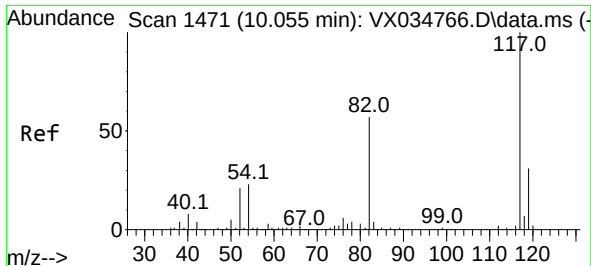
Delta R.T. -0.000 min

Lab File: VX034957.D

Acq: 06 Apr 2023 16:10

Tgt Ion:	173	Resp:	3655
Ion	Ratio	Lower	Upper
173	100		
175	47.7	37.0	55.4
254	2.6	6.7	10.1





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX034957.D

Acq: 06 Apr 2023 16:10

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

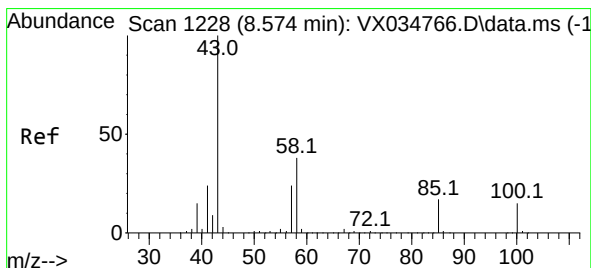
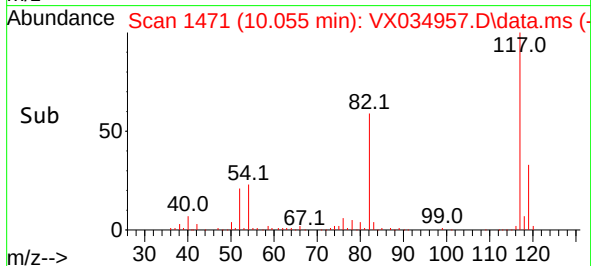
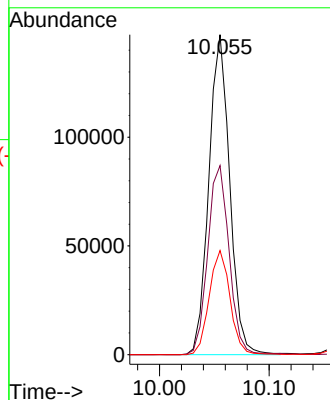
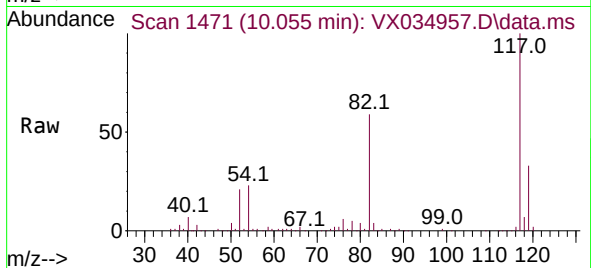
Tgt Ion:117 Resp: 194885
 Ion Ratio Lower Upper
 117 100
 82 60.6 45.8 68.8
 119 32.5 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#58

4-Methyl-2-Pentanone

Concen: 13.383 ug/l

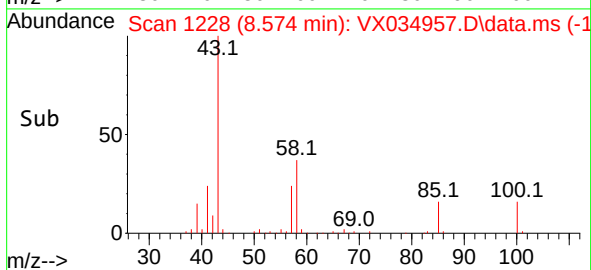
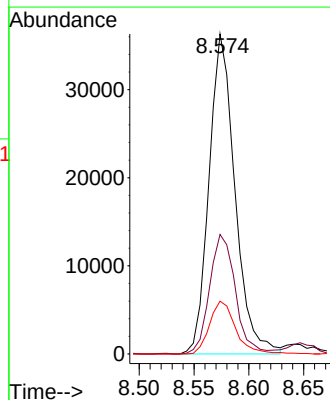
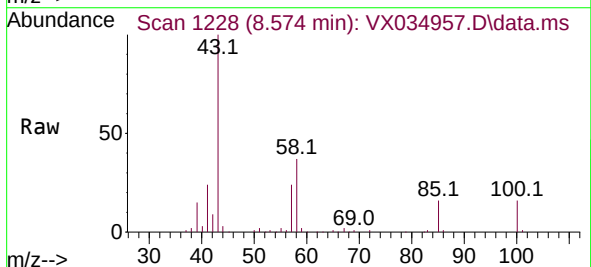
RT: 8.574 min Scan# 1228

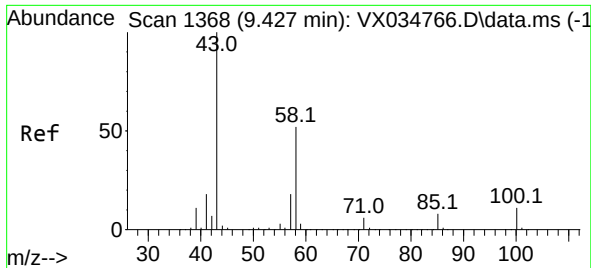
Delta R.T. -0.000 min

Lab File: VX034957.D

Acq: 06 Apr 2023 16:10

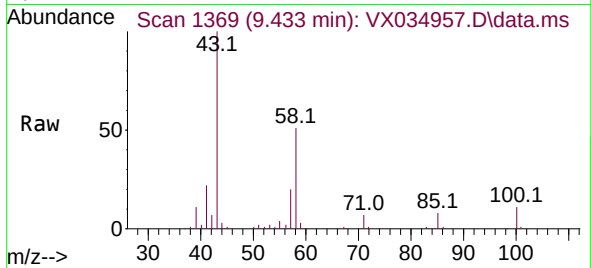
Tgt Ion: 43 Resp: 59797
 Ion Ratio Lower Upper
 43 100
 58 36.9 29.9 44.9
 85 16.7 13.2 19.8





#59
2-Hexanone
Concen: 12.734 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

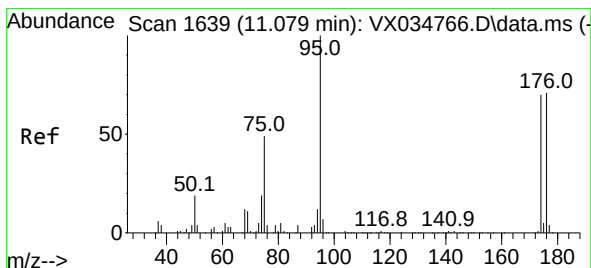
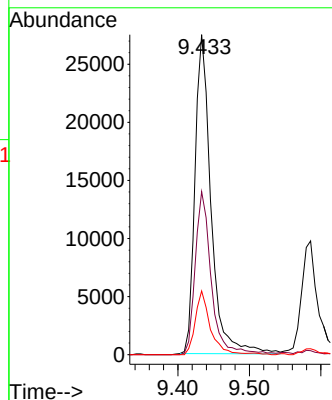
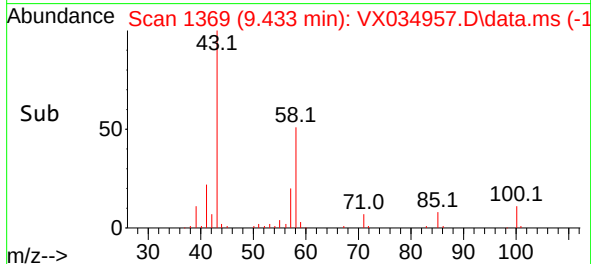
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2023



Tgt Ion: 43 Resp: 42840
Ion Ratio Lower Upper
43 100
58 50.8 41.7 62.5
57 18.6 14.7 22.1

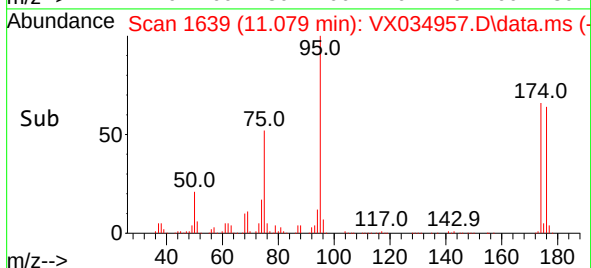
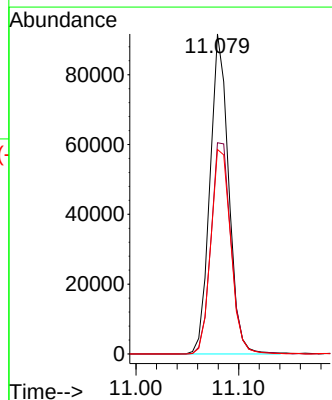
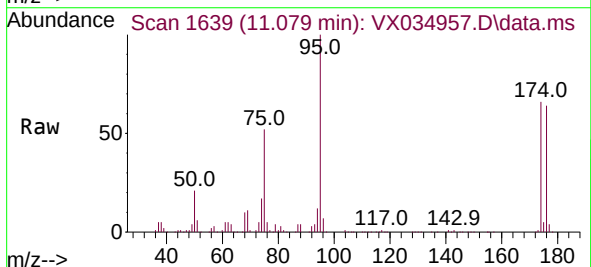
Manual Integrations
APPROVED

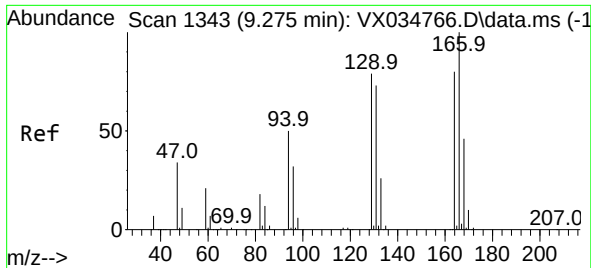
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#60
4-Bromofluorobenzene
Concen: 29.739 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

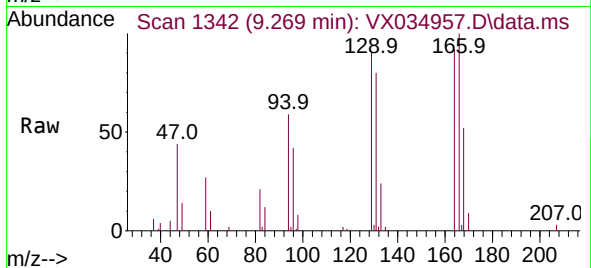
Tgt Ion: 95 Resp: 115809
Ion Ratio Lower Upper
95 100
174 70.6 0.2 0.4#
176 68.1 0.2 0.2#





#61
Tetrachloroethene
Concen: 2.643 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

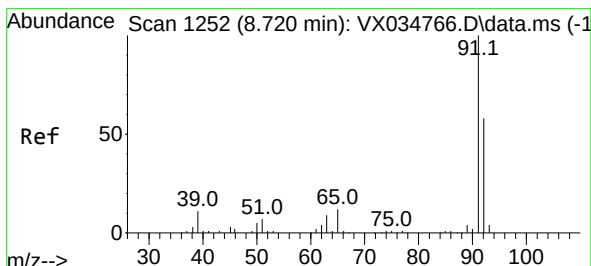
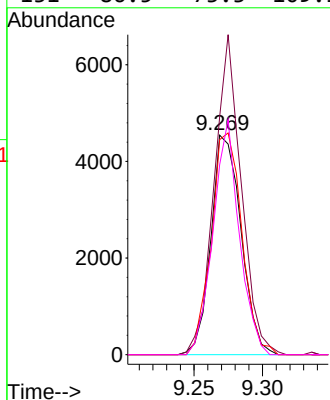
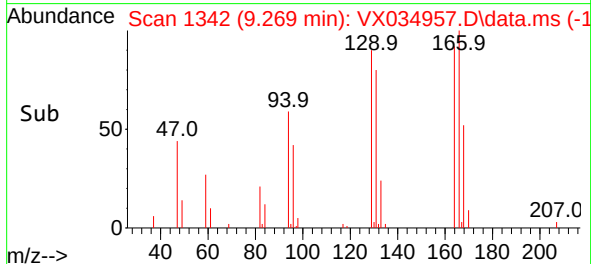
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



Tgt Ion:164 Resp: 694
Ion Ratio Lower Upper
164 100
166 108.3 100.1 150.1
129 98.0 79.1 118.7
131 86.5 73.3 109.9

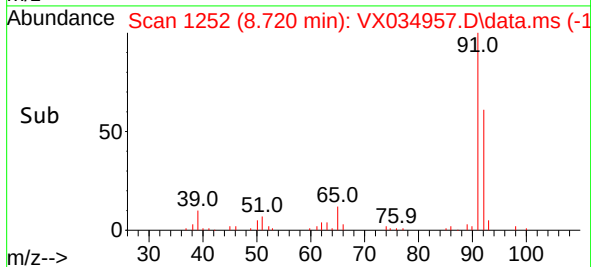
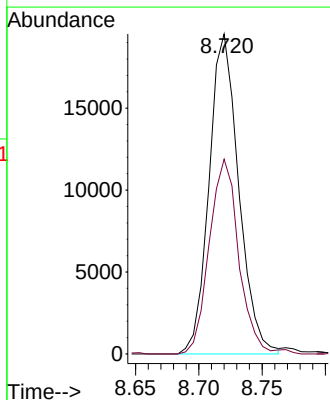
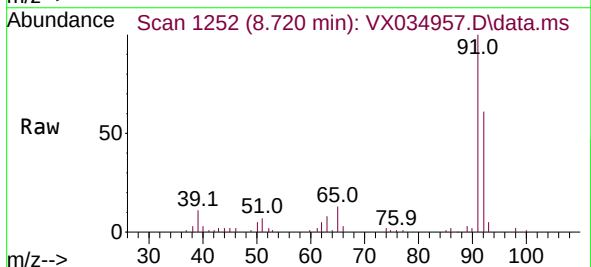
Manual Integrations
APPROVED

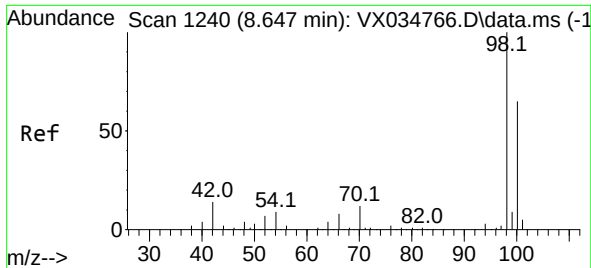
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#62
Toluene
Concen: 2.495 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

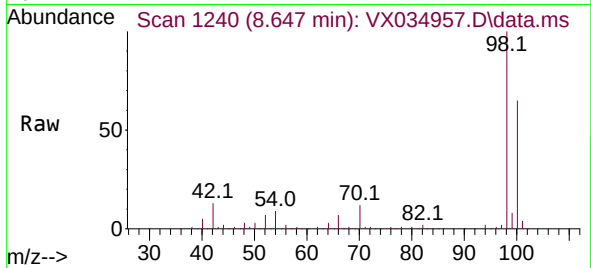
Tgt Ion: 91 Resp: 31793
Ion Ratio Lower Upper
91 100
92 60.0 46.5 69.7





#63
Toluene-d8
Concen: 30.014 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

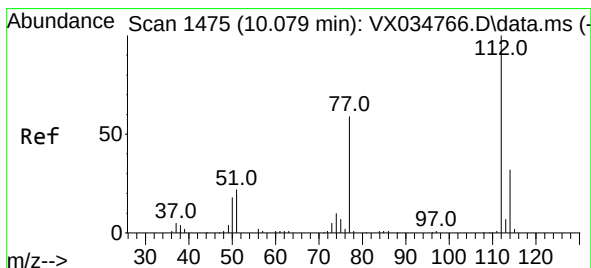
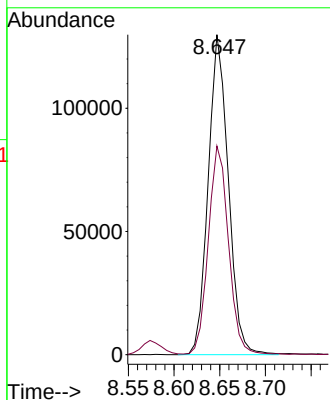
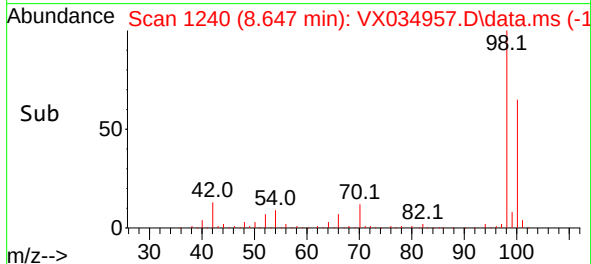
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2023



Tgt Ion: 98 Resp: 198780
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1

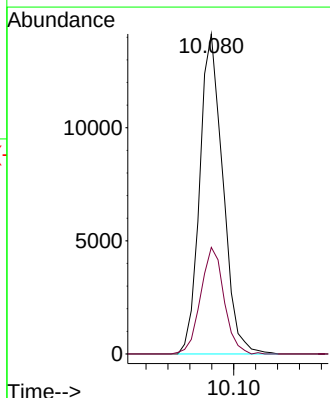
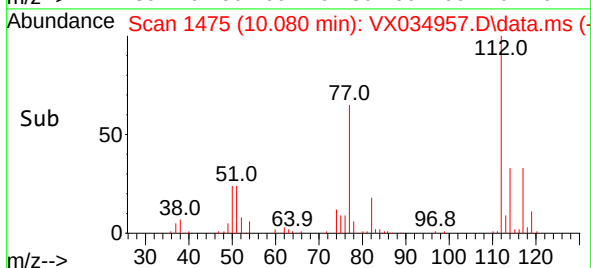
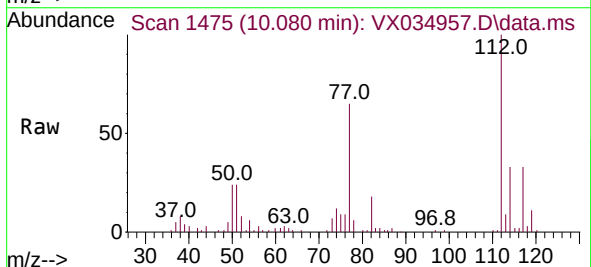
Manual Integrations
APPROVED

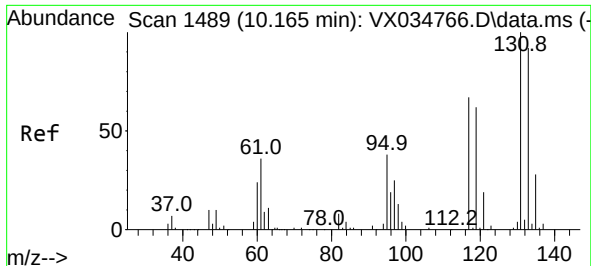
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#64
Chlorobenzene
Concen: 2.642 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

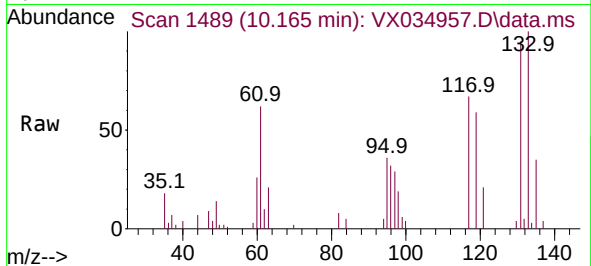
Tgt Ion:112 Resp: 20736
Ion Ratio Lower Upper
112 100
114 33.3 25.8 38.8





#65
1,1,1,2-Tetrachloroethane
Concen: 2.296 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

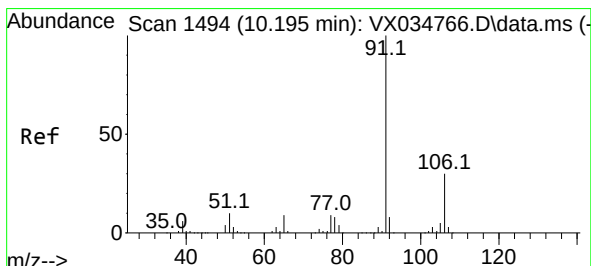
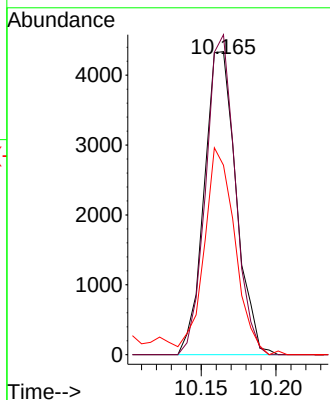
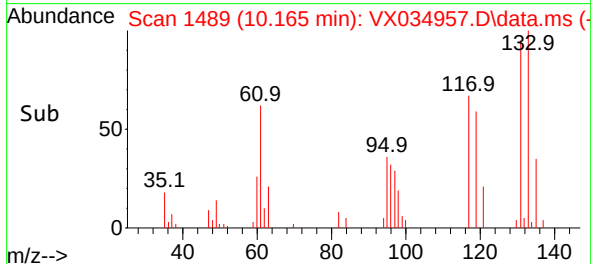
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2023



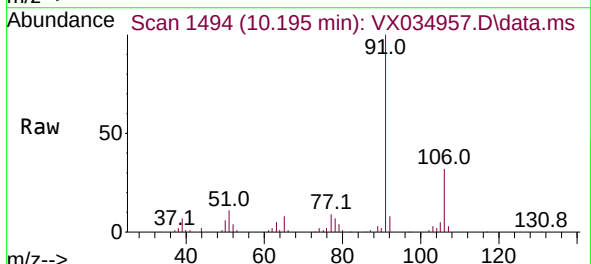
Tgt Ion:131 Resp: 6440
Ion Ratio Lower Upper
131 100
133 96.8 0.0 186.6
119 65.4 0.0 128.6

Manual Integrations
APPROVED

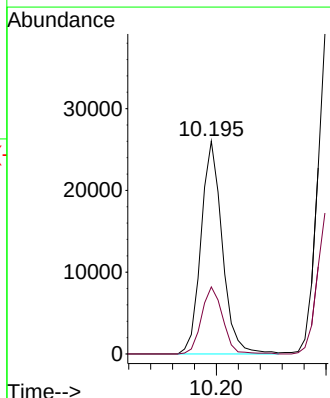
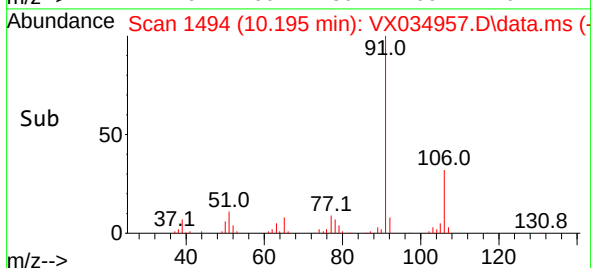
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

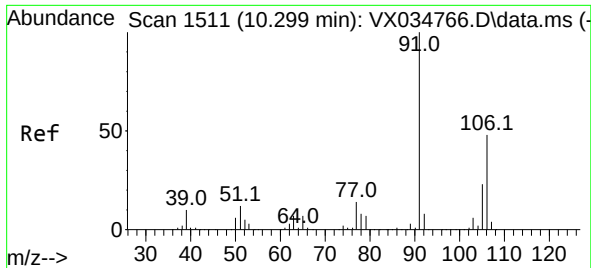


#66
Ethyl Benzene
Concen: 2.472 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10



Tgt Ion: 91 Resp: 35092
Ion Ratio Lower Upper
91 100
106 31.5 24.4 36.6





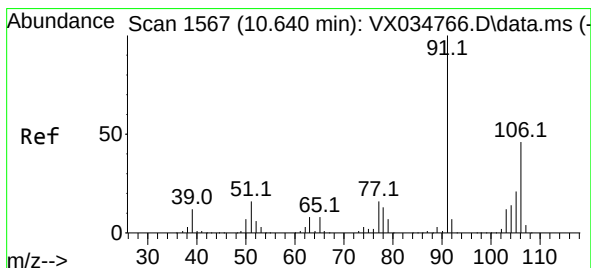
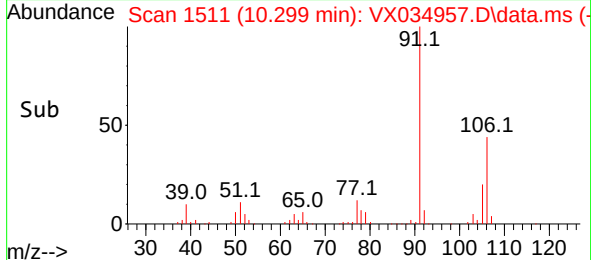
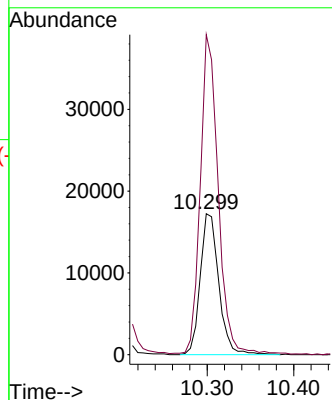
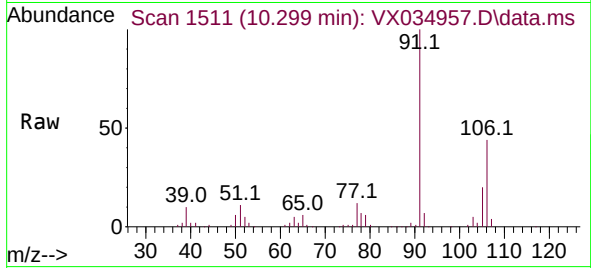
#67
m/p-Xylenes
Concen: 4.752 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:106 Resp: 2566
Ion Ratio Lower Upper
106 100
91 220.0 167.4 251.2

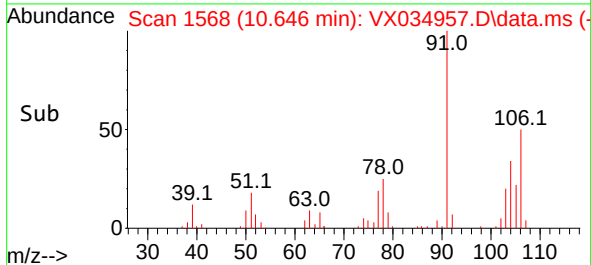
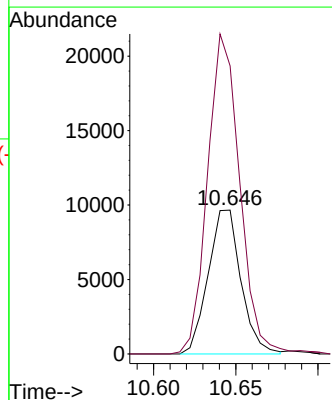
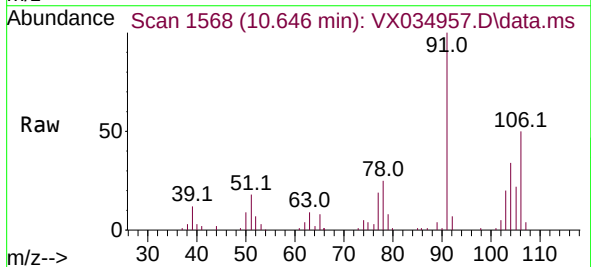
Manual Integrations
APPROVED

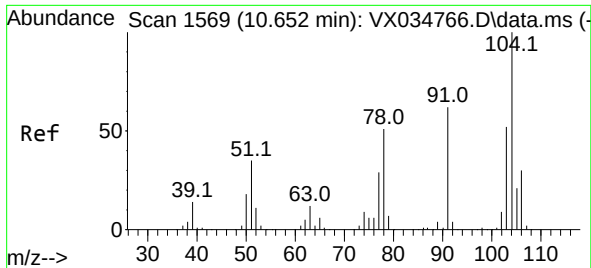
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#68
o-Xylene
Concen: 2.510 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

Tgt Ion:106 Resp: 13404
Ion Ratio Lower Upper
106 100
91 218.8 108.9 326.8





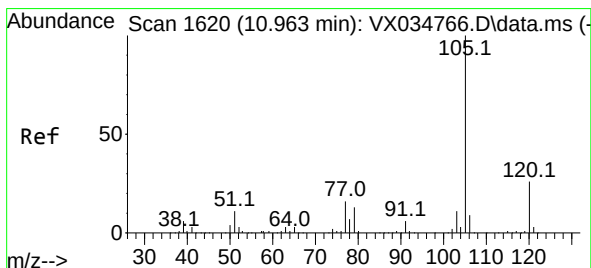
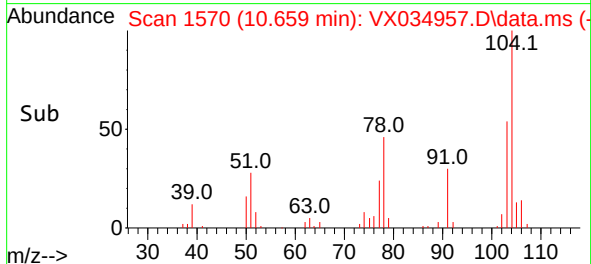
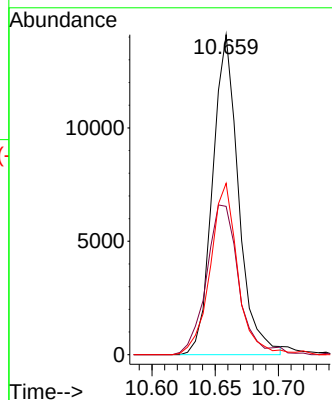
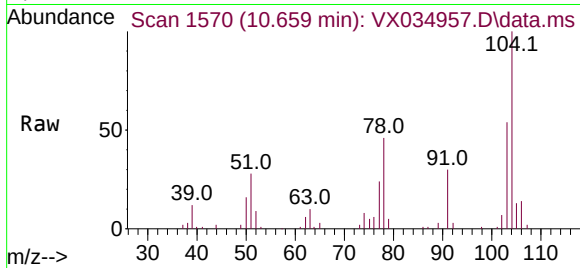
#69
Styrene
Concen: 2.284 ug/l
RT: 10.659 min Scan# 1569
Delta R.T. 0.007 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:104 Resp: 20100
Ion Ratio Lower Upper
104 100
78 56.8 42.8 64.2
103 56.7 43.8 65.8

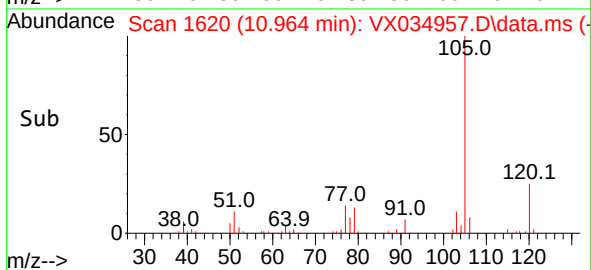
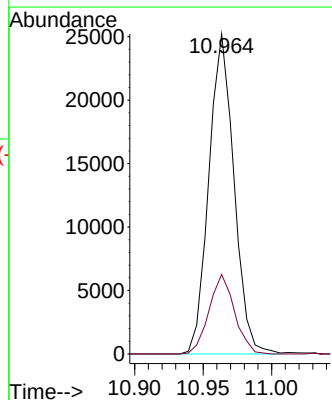
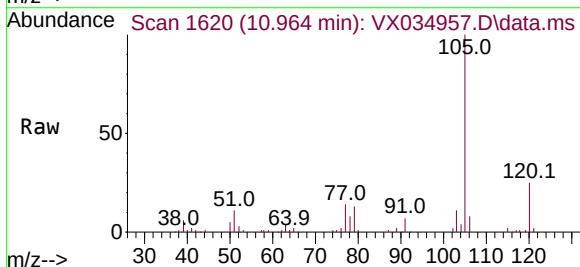
Manual Integrations
APPROVED

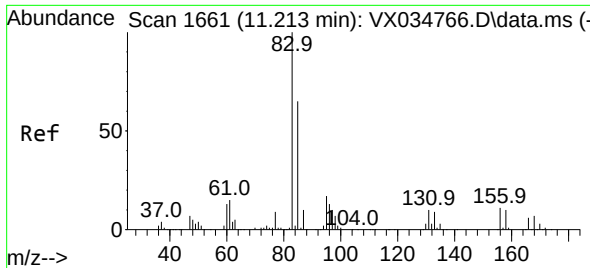
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#70
Isopropylbenzene
Concen: 2.325 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

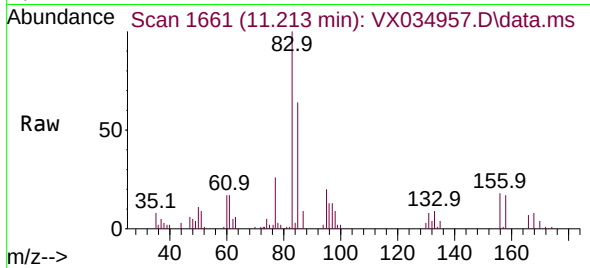
Tgt Ion:105 Resp: 32134
Ion Ratio Lower Upper
105 100
120 25.2 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 2.653 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

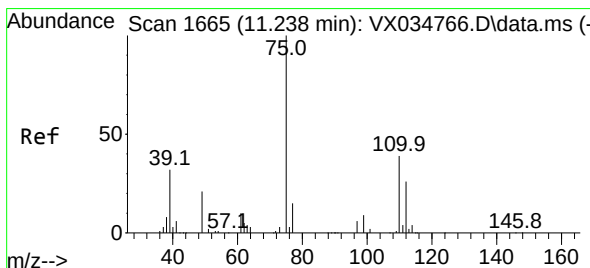
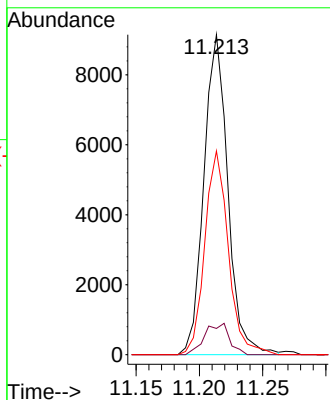
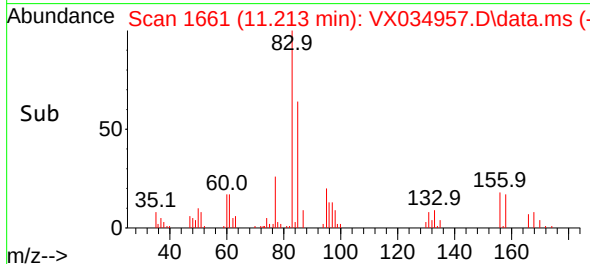
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2023



Tgt Ion: 83 Resp: 12054
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.2
85 62.7 31.9 95.5

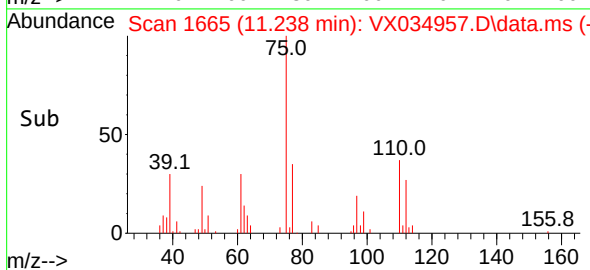
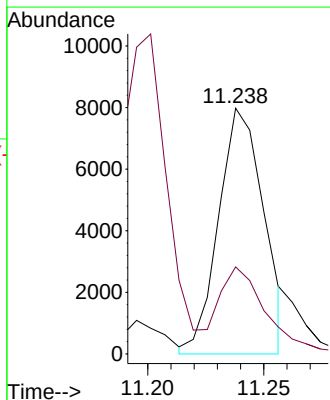
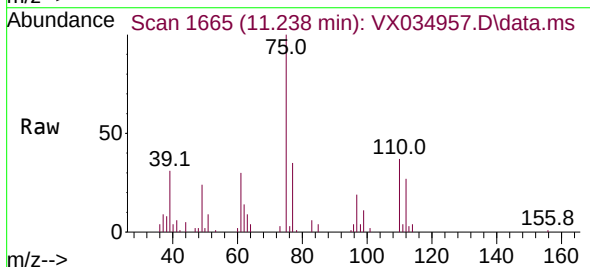
Manual Integrations
APPROVED

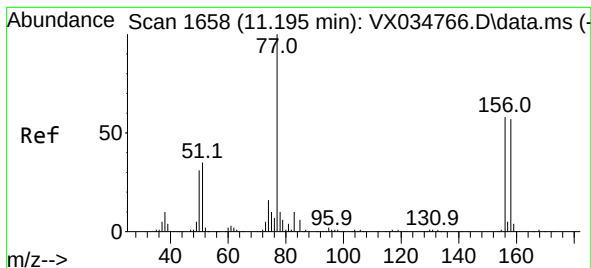
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#72
1,2,3-Trichloropropane
Concen: 2.608 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

Tgt Ion: 75 Resp: 10787
Ion Ratio Lower Upper
75 100
77 38.7 0.0 73.8





#73

Bromobenzene

Concen: 2.516 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX034957.D

Acq: 06 Apr 2023 16:10

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

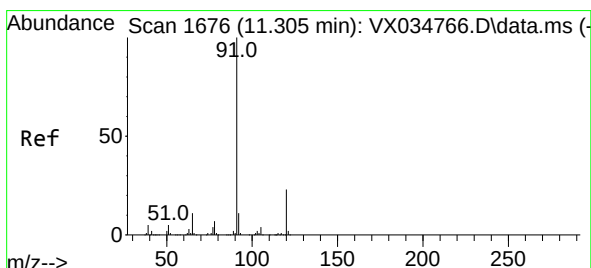
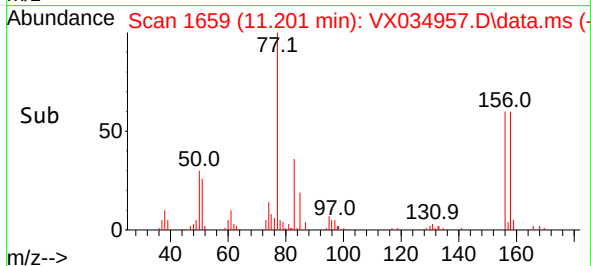
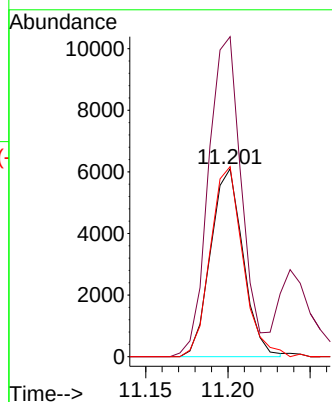
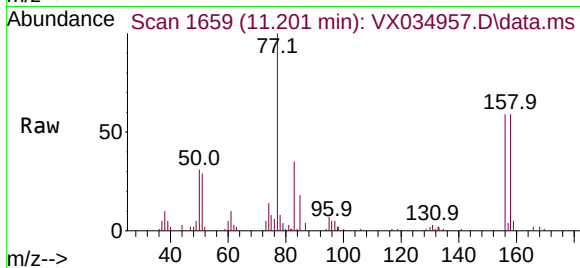
Tgt Ion:	156	Resp:	835
Ion Ratio	Lower	Upper	
156	100		
77	172.3	0.0	330.8
158	101.6	0.0	193.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#74

n-propylbenzene

Concen: 2.221 ug/l

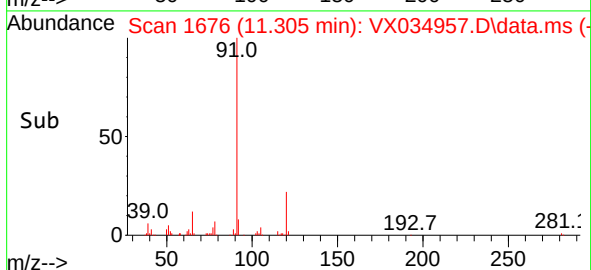
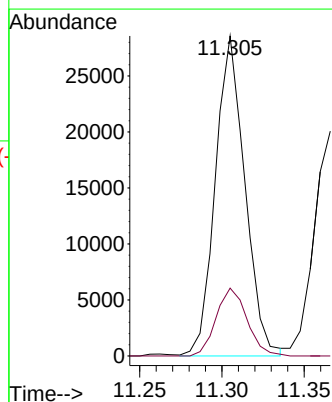
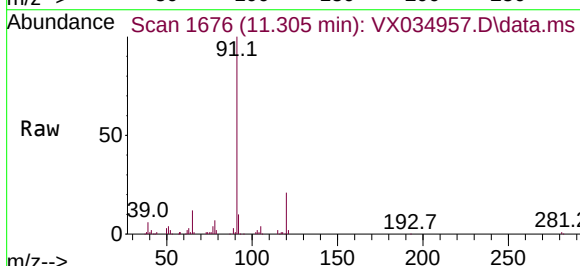
RT: 11.305 min Scan# 1676

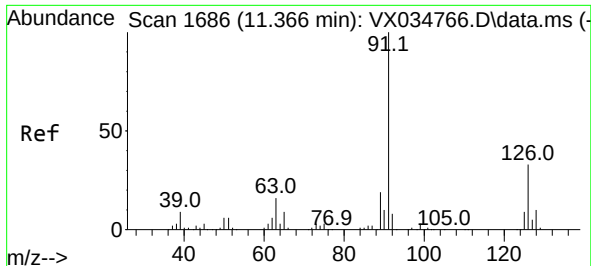
Delta R.T. -0.000 min

Lab File: VX034957.D

Acq: 06 Apr 2023 16:10

Tgt Ion:	91	Resp:	35734
Ion Ratio	Lower	Upper	
91	100		
120	22.1	0.0	44.8





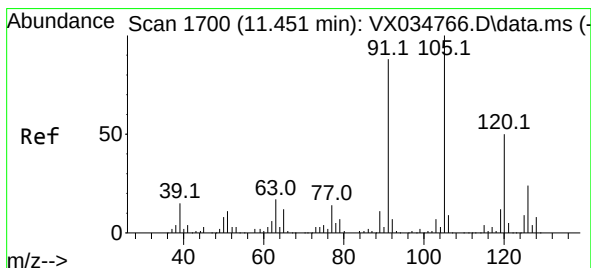
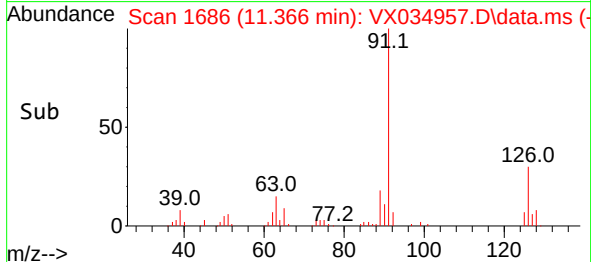
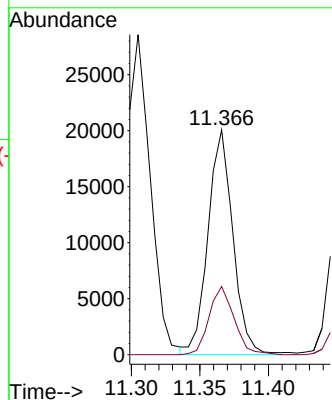
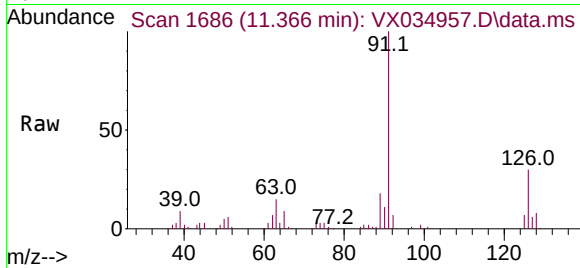
#75
2-Chlorotoluene
Concen: 2.537 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 91 Resp: 25448
Ion Ratio Lower Upper
91 100
126 30.3 0.0 66.4

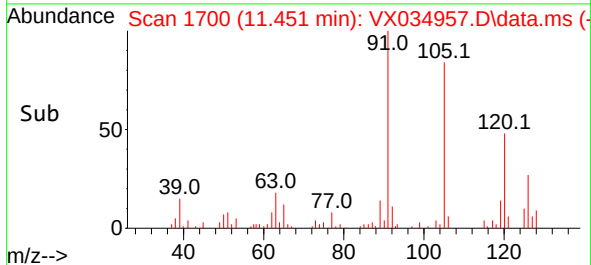
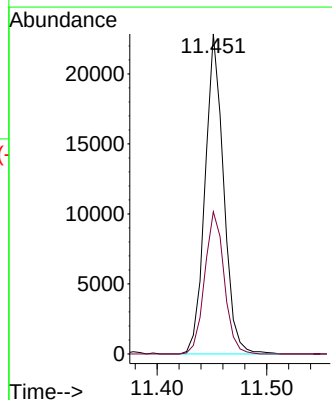
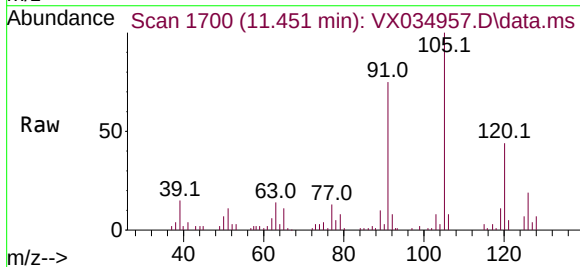
Manual Integrations
APPROVED

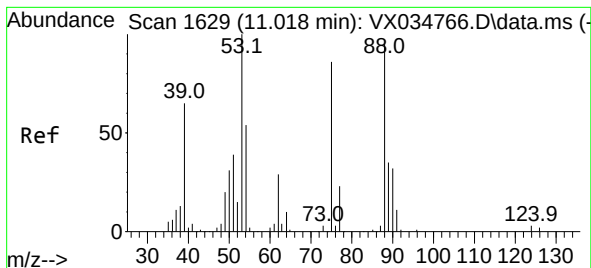
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#76
1,3,5-Trimethylbenzene
Concen: 2.309 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

Tgt Ion:105 Resp: 26863
Ion Ratio Lower Upper
105 100
120 46.6 0.0 96.4





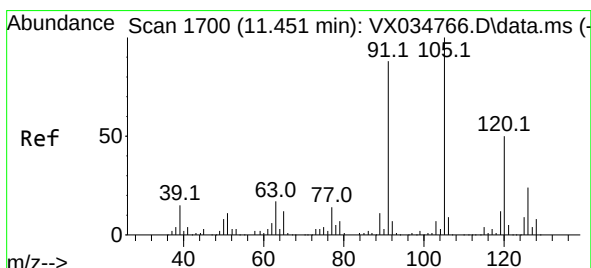
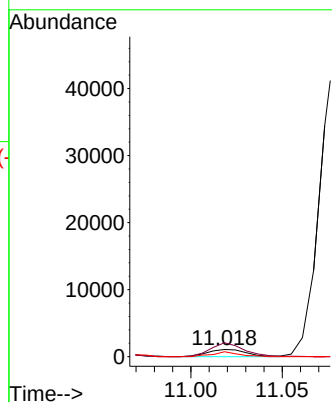
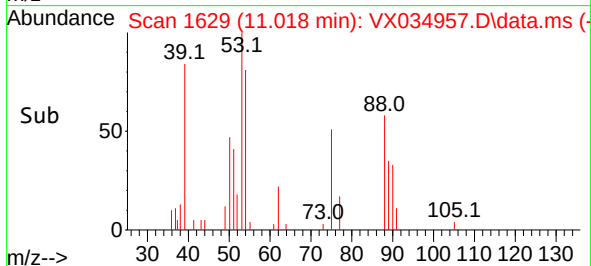
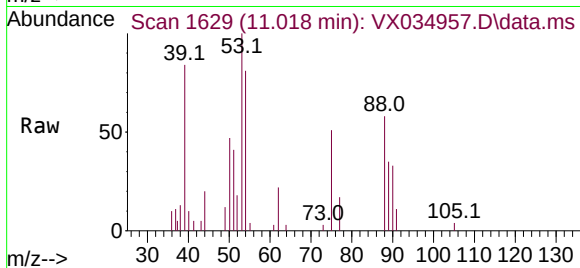
#77
t-1,4-Dichloro-2-butene
Concen: 1.270 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 75 Resp: 161
Ion Ratio Lower Upper
75 100
53 195.2 58.2 174.6
89 68.5 20.6 61.8

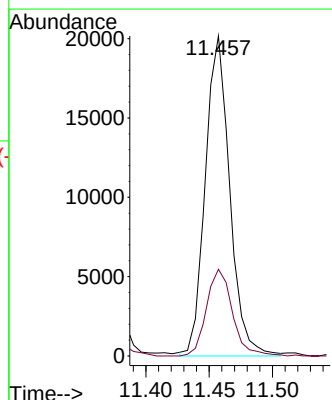
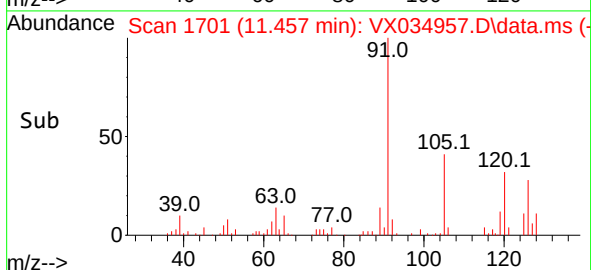
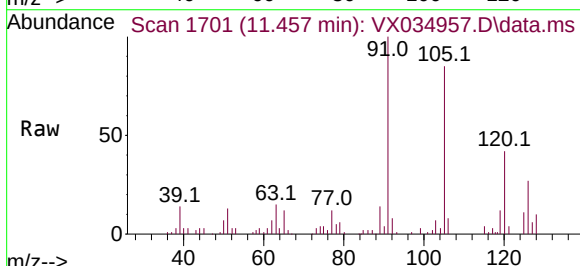
Manual Integrations
APPROVED

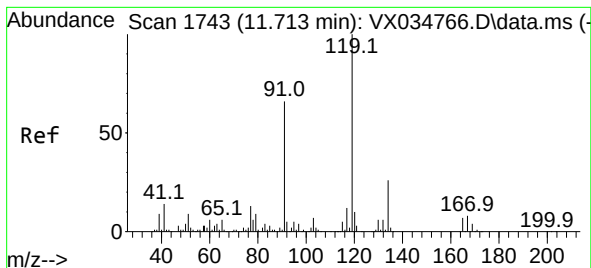
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#78
4-Chlorotoluene
Concen: 2.358 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

Tgt Ion: 91 Resp: 27119
Ion Ratio Lower Upper
91 100
126 28.7 0.0 56.8





#79

tert-butylbenzene

Concen: 2.259 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX034957.D

Acq: 06 Apr 2023 16:10

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

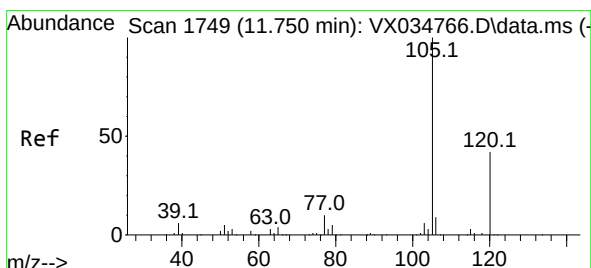
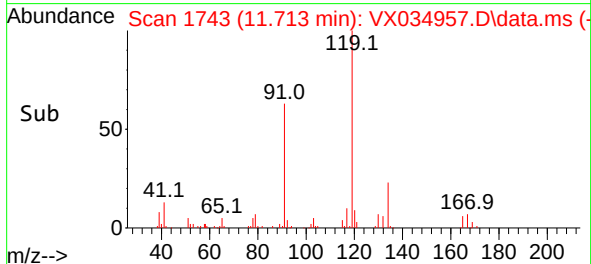
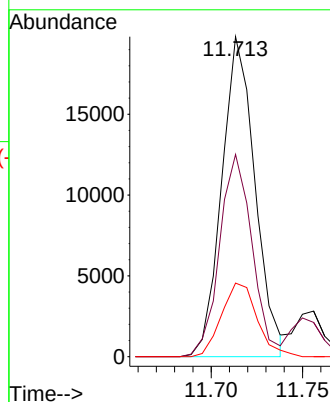
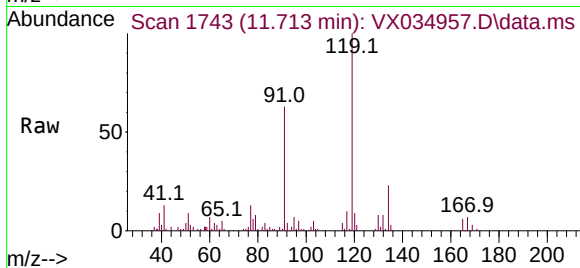
Tgt Ion:	119	Resp:	2508
Ion Ratio	Lower	Upper	
119	100		
91	61.9	0.0	122.4
134	24.7	0.0	49.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#80

1,2,4-Trimethylbenzene

Concen: 2.210 ug/l

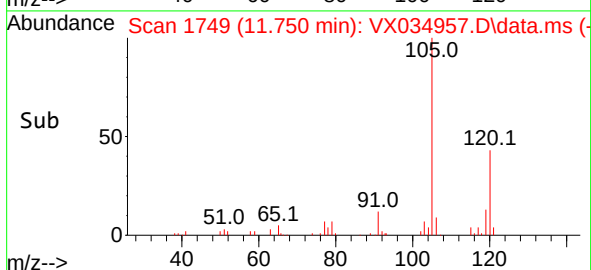
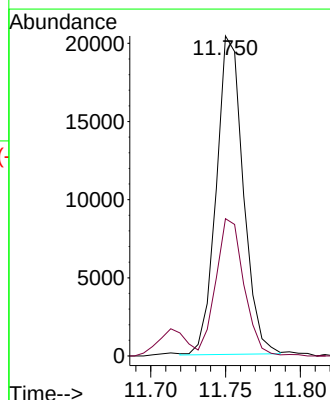
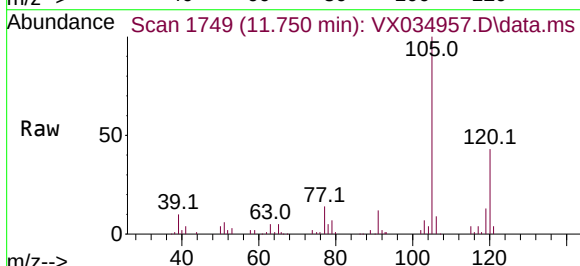
RT: 11.750 min Scan# 1749

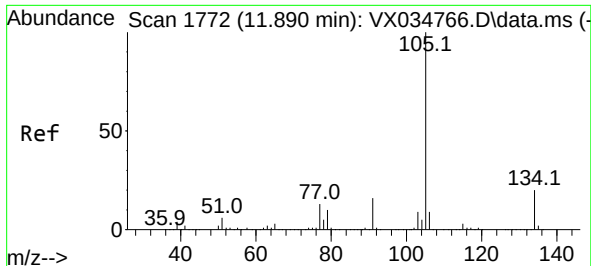
Delta R.T. -0.000 min

Lab File: VX034957.D

Acq: 06 Apr 2023 16:10

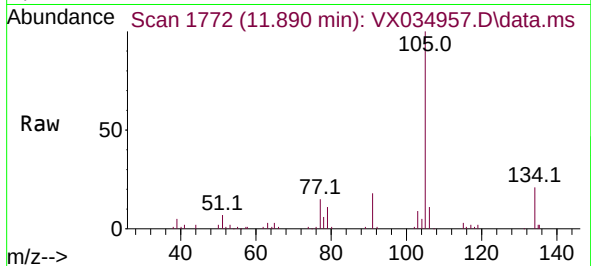
Tgt Ion:	105	Resp:	25549
Ion Ratio	Lower	Upper	
105	100		
120	44.7	0.0	90.4





#81
 sec-Butylbenzene
 Concen: 2.140 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034957.D
 Acq: 06 Apr 2023 16:10

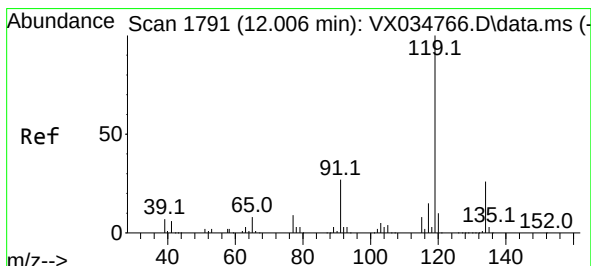
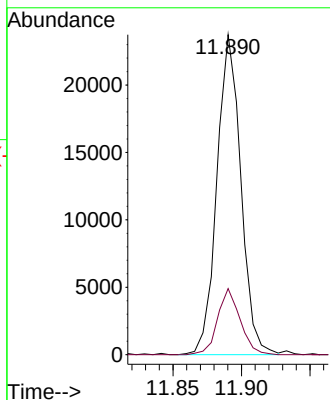
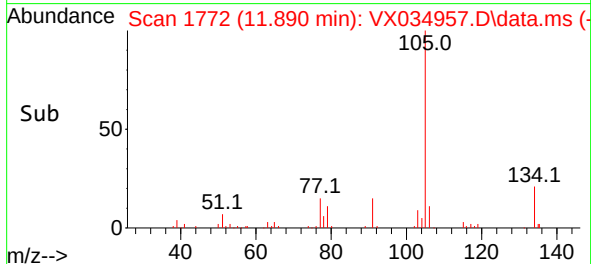
Instrument : MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023



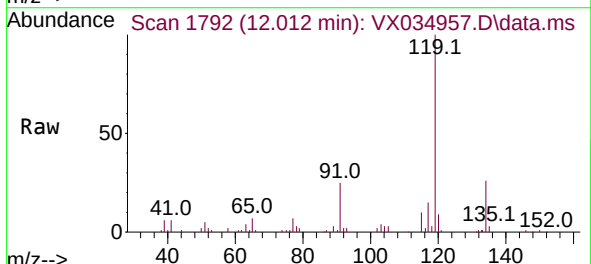
Tgt Ion:105 Resp: 28790
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 40.2

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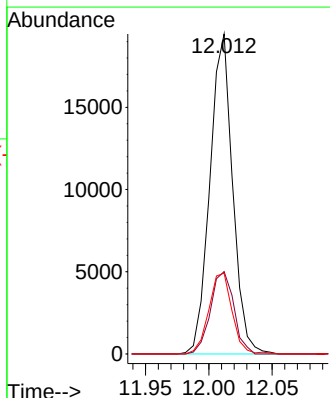
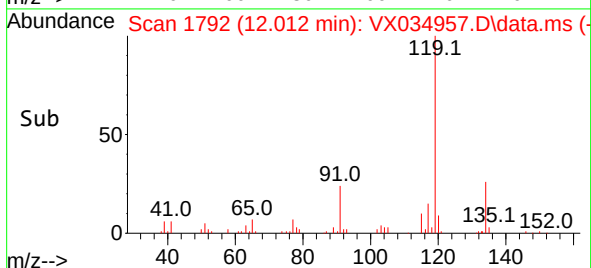
Reviewed By :John Carlone 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023

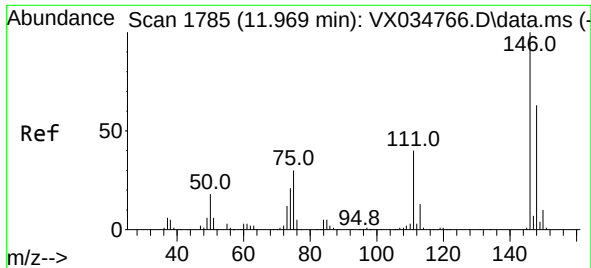


#82
 p-Isopropyltoluene
 Concen: 2.142 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX034957.D
 Acq: 06 Apr 2023 16:10



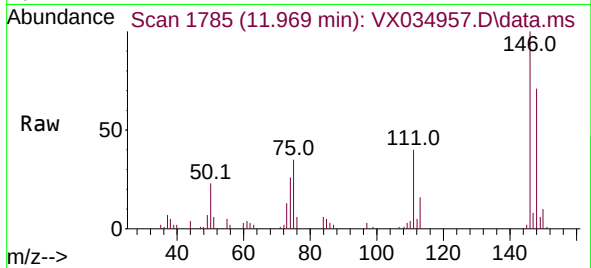
Tgt Ion:119 Resp: 24331
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 52.2
 91 25.7 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 2.321 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

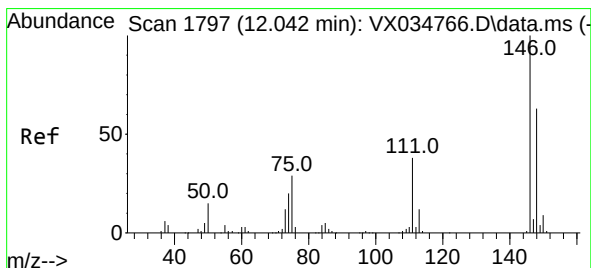
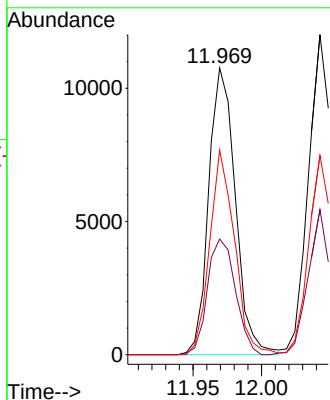
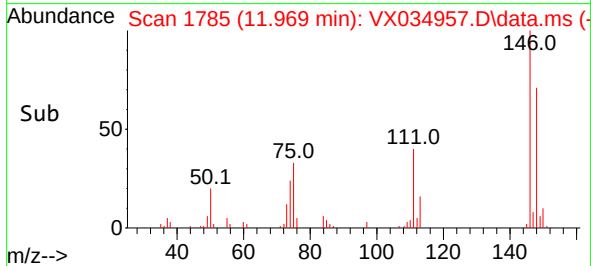
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



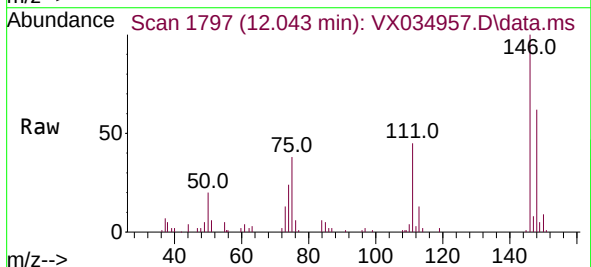
Tgt Ion:146 Resp: 14549
Ion Ratio Lower Upper
146 100
111 42.4 20.6 61.9
148 66.5 31.6 94.7

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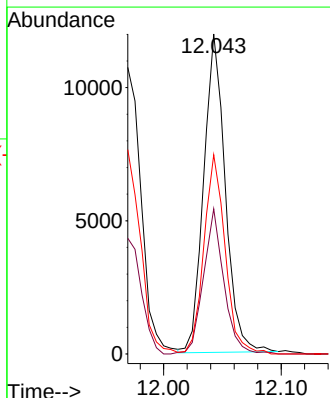
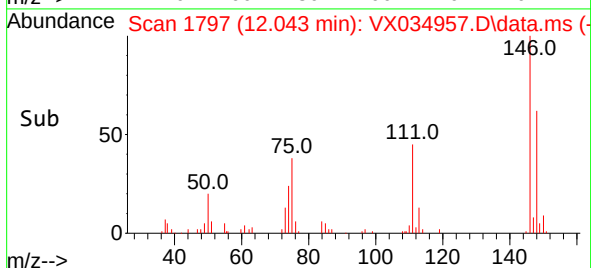
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

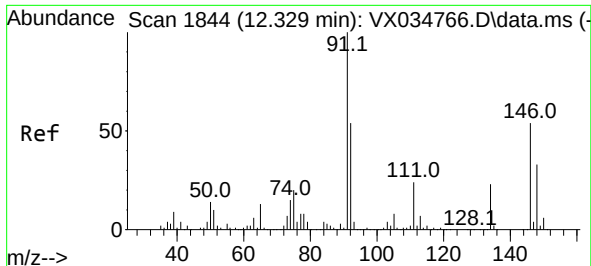


#84
1,4-Dichlorobenzene
Concen: 2.425 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.001 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10



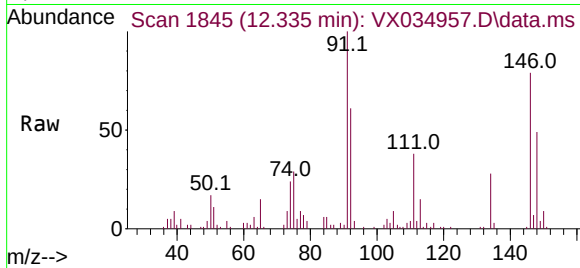
Tgt Ion:146 Resp: 15263
Ion Ratio Lower Upper
146 100
111 42.8 20.3 60.9
148 61.8 31.8 95.3





#85
n-Butylbenzene
Concen: 1.961 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

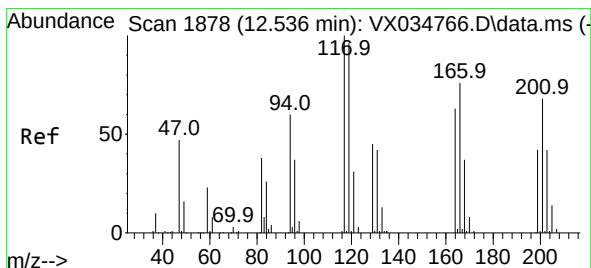
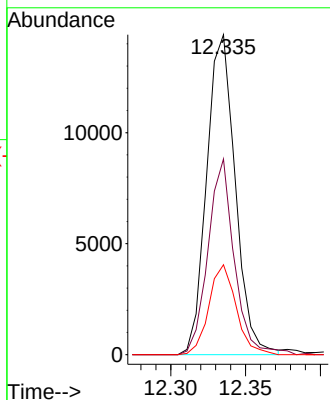
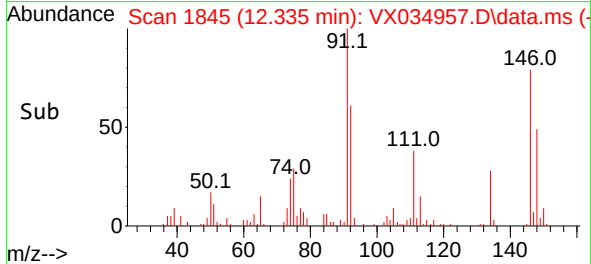
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2023



Tgt Ion: 91 Resp: 19190
Ion Ratio Lower Upper
91 100
92 56.1 0.0 107.6
134 26.8 0.0 49.8

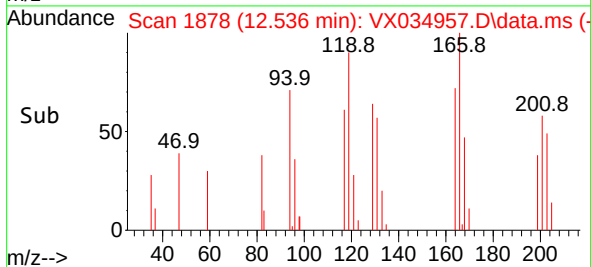
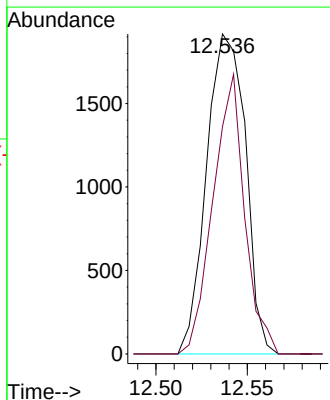
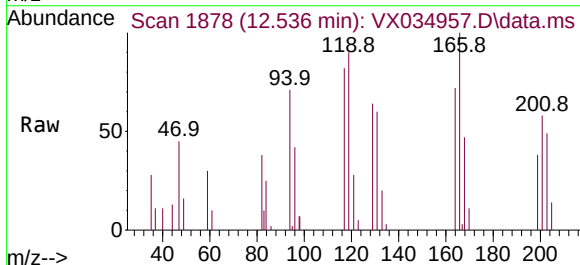
Manual Integrations
APPROVED

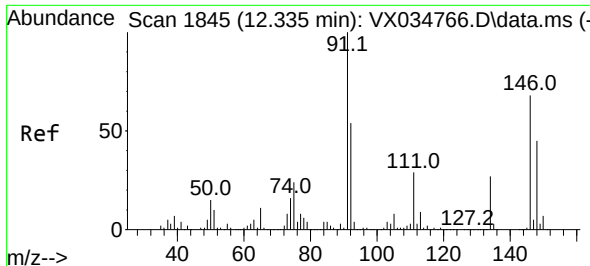
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#86
Hexachloroethane
Concen: 1.531 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

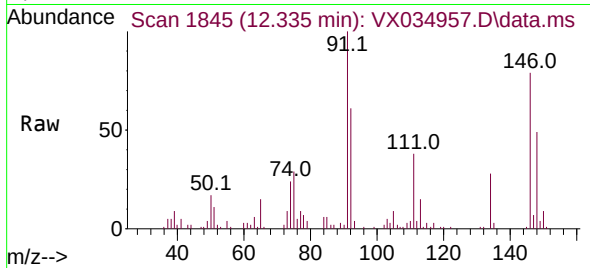
Tgt Ion:117 Resp: 2847
Ion Ratio Lower Upper
117 100
201 70.7 35.4 106.2





#87
1,2-Dichlorobenzene
Concen: 2.538 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

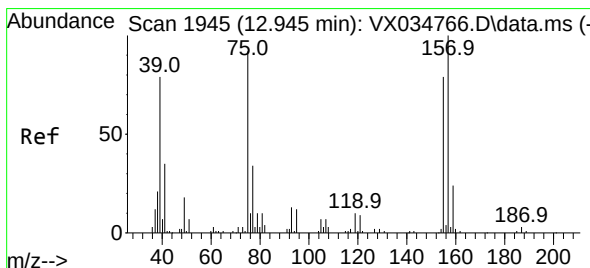
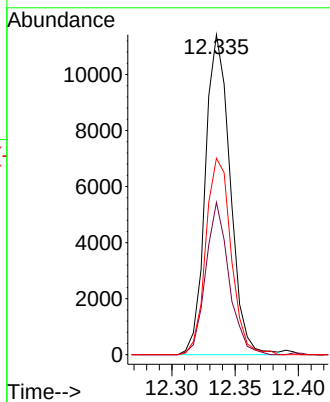
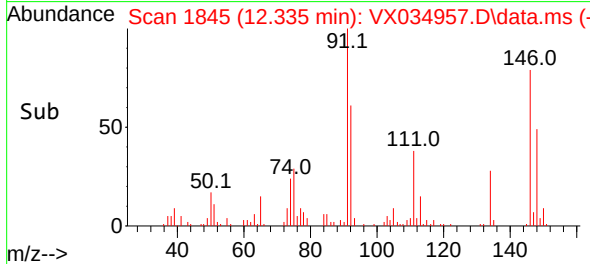
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2023



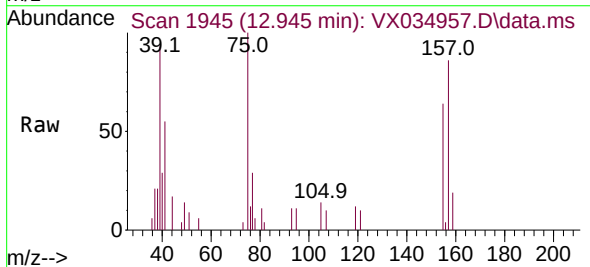
Tgt Ion:146 Resp: 1556
Ion Ratio Lower Upper
146 100
111 44.6 21.3 64.0
148 62.7 31.7 95.1

Manual Integrations
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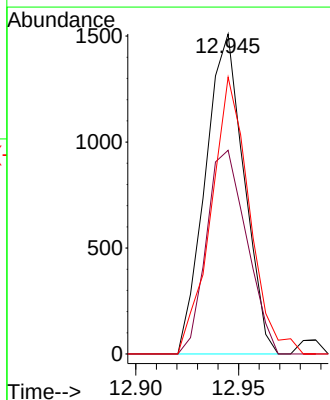
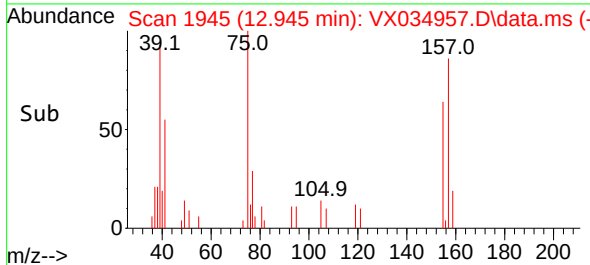
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

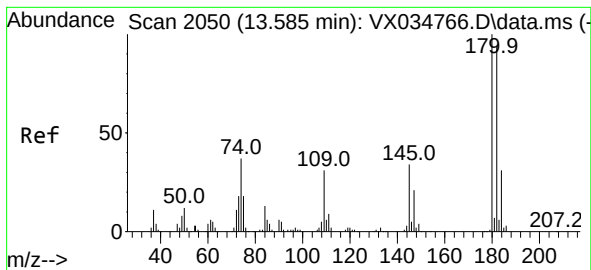


#88
1,2-Dibromo-3-Chloropropane
Concen: 1.992 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10



Tgt Ion: 75 Resp: 1978
Ion Ratio Lower Upper
75 100
155 66.3 63.7 95.5
157 85.7 83.7 125.5





#89

1,2,4-Trichlorobenzene

Concen: 2.358 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX034957.D

Acq: 06 Apr 2023 16:10

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

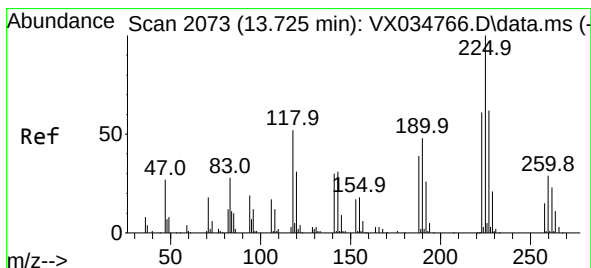
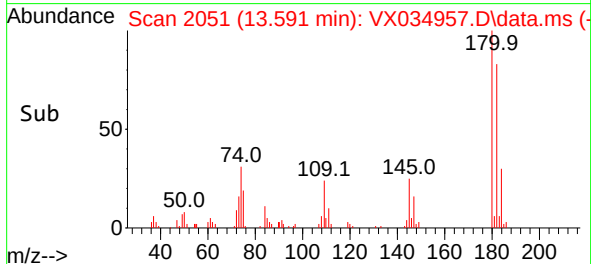
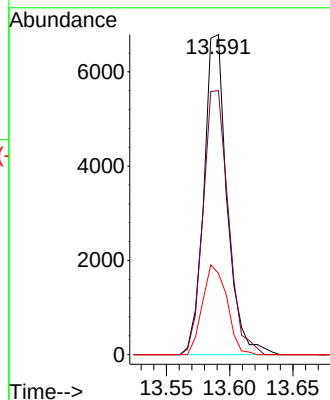
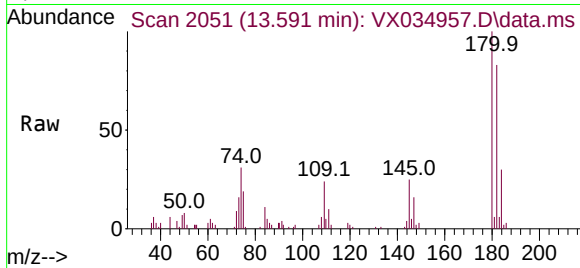
Tgt Ion:	180	Resp:	867
Ion Ratio	Lower	Upper	
180	100		
182	89.5	75.8	113.8
145	29.5	25.8	38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#90

Hexachlorobutadiene

Concen: 2.511 ug/l

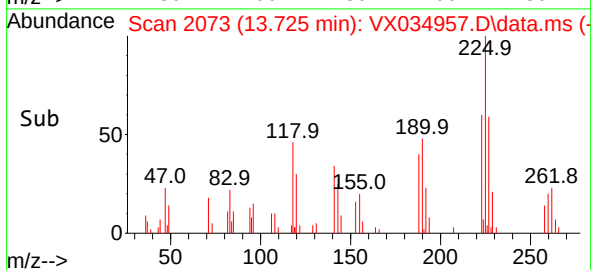
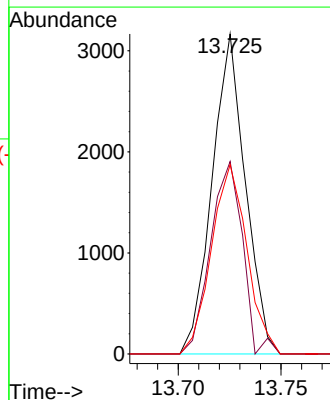
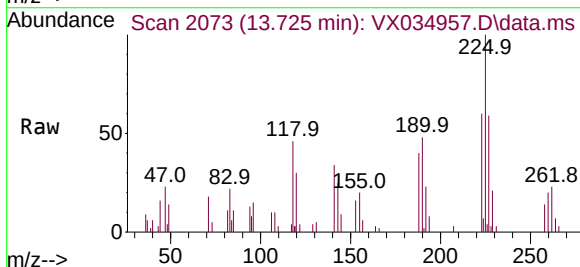
RT: 13.725 min Scan# 2073

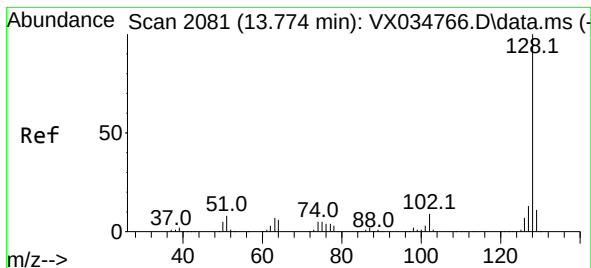
Delta R.T. 0.000 min

Lab File: VX034957.D

Acq: 06 Apr 2023 16:10

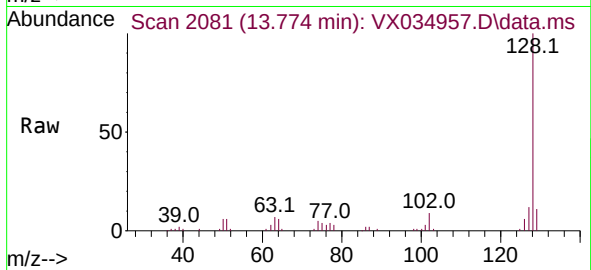
Tgt Ion:	225	Resp:	3563
Ion Ratio	Lower	Upper	
225	100		
223	56.4	0.0	124.2
227	63.3	0.0	122.8





#91
Naphthalene
Concen: 2.241 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10

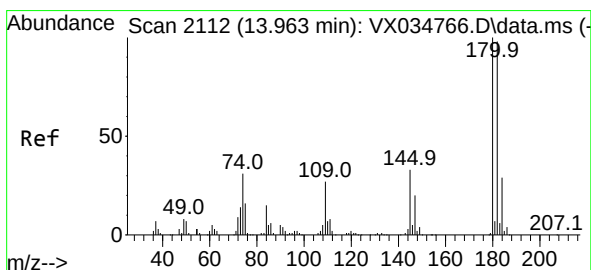
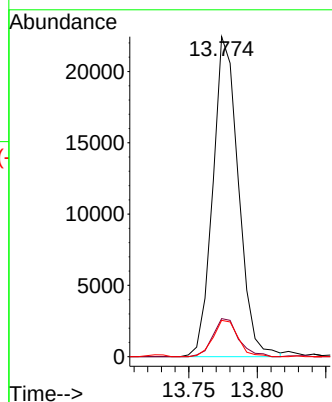
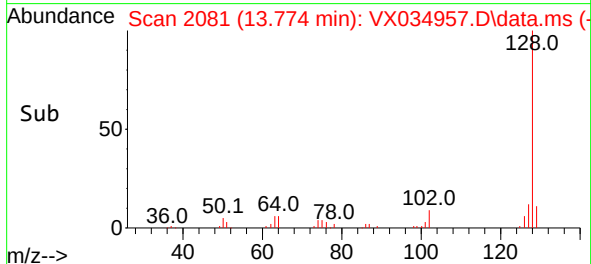
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2023



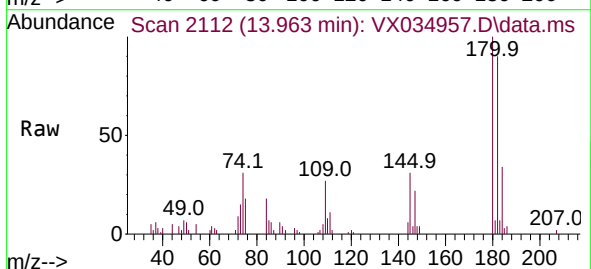
Tgt Ion:128 Resp: 29130
Ion Ratio Lower Upper
128 100
127 12.0 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
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Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#92
1,2,3-Trichlorobenzene
Concen: 2.316 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX034957.D
Acq: 06 Apr 2023 16:10



Tgt Ion:180 Resp: 8518
Ion Ratio Lower Upper
180 100
182 99.4 0.0 191.0
145 37.4 0.0 66.8

