

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071222\
 Data File : VX030021.D
 Acq On : 12 Jul 2022 15:54
 Operator : JC/MD
 Sample : N3214-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022

Quant Time: Jul 13 09:25:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:24:02 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/13/2022
 Supervised By : Mahesh Dadoda 07/13/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	223696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	387893	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	337619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151201	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	137681	50.566	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.140%			
35) Dibromofluoromethane	5.391	113	124354	50.183	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.360%			
50) Toluene-d8	8.653	98	467595	50.173	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.340%			
62) 4-Bromofluorobenzene	11.085	95	156373	48.350	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	828	0.349	ug/l #	61
3) Chloromethane	1.288	50	1070	0.459	ug/l	96
4) Vinyl Chloride	1.374	62	1013	0.391	ug/l	98
5) Bromomethane	1.605	94	877	0.797	ug/l #	68
6) Chloroethane	1.684	64	886	0.608	ug/l #	72
7) Trichlorofluoromethane	1.886	101	1470	0.440	ug/l #	80
8) Diethyl Ether	2.136	74	639	0.462	ug/l	72
9) 1,1,2-Trichlorotrifluo...	2.331	101	1252	0.548	ug/l #	80
10) Methyl Iodide	2.453	142	768	0.409	ug/l #	91
11) Tert butyl alcohol	2.940	59	3270m	4.653	ug/l	
12) 1,1-Dichloroethene	2.325	96	1069	0.469	ug/l #	72
13) Acrolein	2.239	56	498	3.558	ug/l #	70
14) Allyl chloride	2.672	41	1839	0.462	ug/l #	86
15) Acrylonitrile	3.068	53	3540	2.217	ug/l	96
16) Acetone	2.392	43	3902	3.041	ug/l	99
17) Carbon Disulfide	2.507	76	2719	0.474	ug/l #	94
18) Methyl Acetate	2.703	43	2089	0.535	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	2898	0.402	ug/l	98
20) Methylene Chloride	2.794	84	2628	0.885	ug/l	86
21) trans-1,2-Dichloroethene	3.099	96	1040	0.438	ug/l	84
22) Diisopropyl ether	3.763	45	3066	0.393	ug/l	93
23) Vinyl Acetate	3.727	43	12551	1.902	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	1713	0.397	ug/l #	90
25) 2-Butanone	4.580	43	5316	2.432	ug/l	91
26) 2,2-Dichloropropane	4.489	77	1491	0.491	ug/l #	61
27) cis-1,2-Dichloroethene	4.507	96	1135m	0.390	ug/l	
28) Bromochloromethane	4.922	49	981m	0.540	ug/l	
29) Tetrahydrofuran	5.037	42	3513	2.369	ug/l #	87
30) Chloroform	5.092	83	1831	0.425	ug/l	97
31) Cyclohexane	5.470	56	1543	0.391	ug/l #	70
32) 1,1,1-Trichloroethane	5.391	97	1730	0.492	ug/l #	46
36) 1,1-Dichloropropene	5.702	75	1803m	0.563	ug/l	
37) Ethyl Acetate	4.727	43	2117	0.515	ug/l #	88
38) Carbon Tetrachloride	5.696	117	1250m	0.419	ug/l	
39) Methylcyclohexane	7.379	83	1618	0.399	ug/l #	89
40) Benzene	6.050	78	4567	0.453	ug/l	97

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Reviewed By :John Carlone 07/13/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	1185m	0.535	ug/l	
42) 1,2-Dichloroethane	6.092	62	1515	0.485	ug/l	78
43) Isopropyl Acetate	6.354	43	2748	0.444	ug/l #	94
44) Trichloroethene	7.141	130	1974	0.671	ug/l	78
45) 1,2-Dichloropropane	7.440	63	1272	0.486	ug/l	91
46) Dibromomethane	7.586	93	840	0.466	ug/l #	90
47) Bromodichloromethane	7.830	83	1229	0.376	ug/l #	88
48) Methyl methacrylate	7.702	41	1534	0.538	ug/l #	84
49) 1,4-Dioxane	7.683	88	559	7.540	ug/l #	60
51) 4-Methyl-2-Pentanone	8.580	43	8494	2.075	ug/l	100
52) Toluene	8.726	92	2820	0.441	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	1640	0.483	ug/l #	82
54) cis-1,3-Dichloropropene	8.372	75	1752	0.450	ug/l #	86
55) 1,1,2-Trichloroethane	9.165	97	1089	0.413	ug/l #	78
56) Ethyl methacrylate	9.122	69	1455	0.367	ug/l #	84
57) 1,3-Dichloropropane	9.317	76	1801	0.430	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	4038	1.875	ug/l #	86
59) 2-Hexanone	9.439	43	6700	2.135	ug/l	100
60) Dibromochloromethane	9.524	129	1040	0.405	ug/l	90
61) 1,2-Dibromoethane	9.616	107	1099	0.400	ug/l	97
64) Tetrachloroethene	9.275	164	1204	0.444	ug/l #	82
65) Chlorobenzene	10.085	112	2735	0.407	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.165	131	857	0.374	ug/l #	55
67) Ethyl Benzene	10.195	91	4916	0.431	ug/l #	88
68) m/p-Xylenes	10.305	106	4387	0.982	ug/l	86
69) o-Xylene	10.646	106	1787	0.399	ug/l	85
70) Styrene	10.658	104	3248	0.437	ug/l	95
71) Bromoform	10.805	173	810	0.440	ug/l #	93
73) Isopropylbenzene	10.963	105	4577	0.435	ug/l	94
74) N-amyl acetate	10.847	43	2055	0.444	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	1932	0.509	ug/l	85
76) 1,2,3-Trichloropropane	11.244	75	1456m	0.419	ug/l	
77) Bromobenzene	11.201	156	1117	0.424	ug/l	90
78) n-propylbenzene	11.305	91	5093	0.408	ug/l	95
79) 2-Chlorotoluene	11.366	91	3449	0.461	ug/l	90
80) 1,3,5-Trimethylbenzene	11.451	105	3681	0.415	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	473m	0.393	ug/l	
82) 4-Chlorotoluene	11.463	91	3748	0.447	ug/l	97
83) tert-Butylbenzene	11.719	119	3864	0.454	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	3455	0.394	ug/l	100
85) sec-Butylbenzene	11.896	105	4432	0.394	ug/l	95
86) p-Isopropyltoluene	12.012	119	3648	0.404	ug/l	84
87) 1,3-Dichlorobenzene	11.975	146	2679	0.550	ug/l	92
88) 1,4-Dichlorobenzene	12.048	146	2568m	0.514	ug/l	
89) n-Butylbenzene	12.335	91	3273	0.405	ug/l	92
90) Hexachloroethane	12.542	117	705	0.457	ug/l	92
91) 1,2-Dichlorobenzene	12.341	146	2193	0.444	ug/l	86
92) 1,2-Dibromo-3-Chloropr...	12.945	75	465	0.536	ug/l	73
93) 1,2,4-Trichlorobenzene	13.591	180	1437	0.473	ug/l	96
94) Hexachlorobutadiene	13.725	225	609	0.502	ug/l	93
95) Naphthalene	13.780	128	5940	0.493	ug/l #	92
96) 1,2,3-Trichlorobenzene	13.963	180	1411	0.457	ug/l	92

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Quant Title : SW846 8260
QLast Update : Wed Jul 13 09:24:02 2022
Response via : Initial Calibration

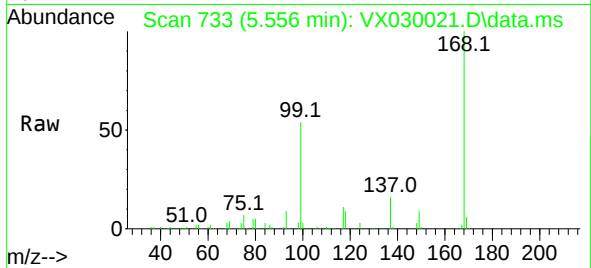
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030021.D
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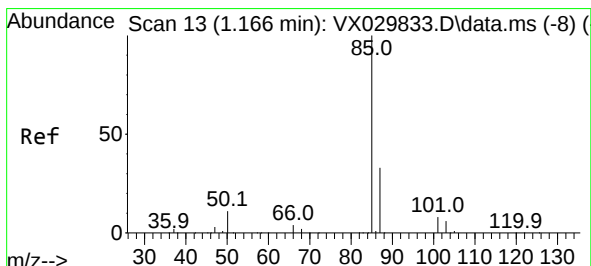
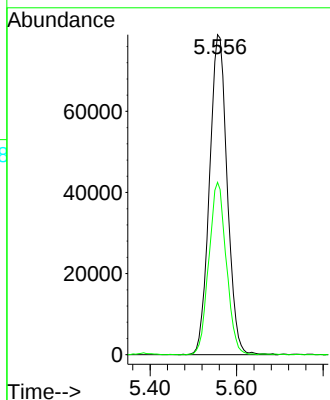
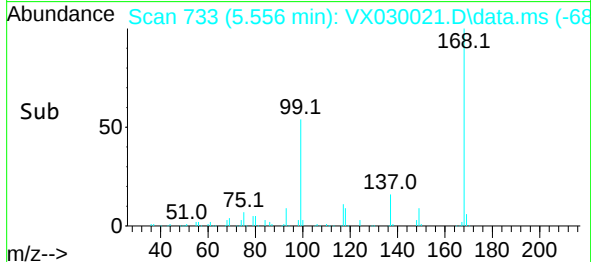
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion:168 Resp: 223690
Ion Ratio Lower Upper
168 100
99 53.9 44.0 66.0

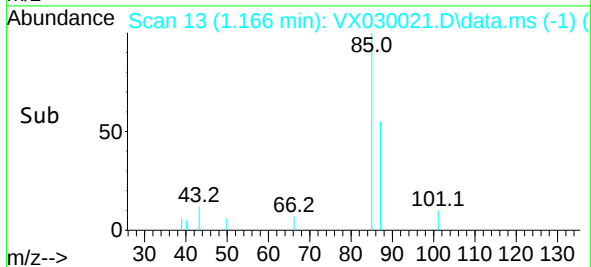
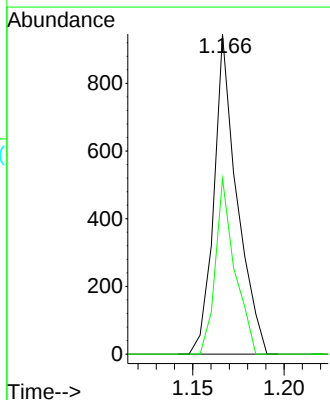
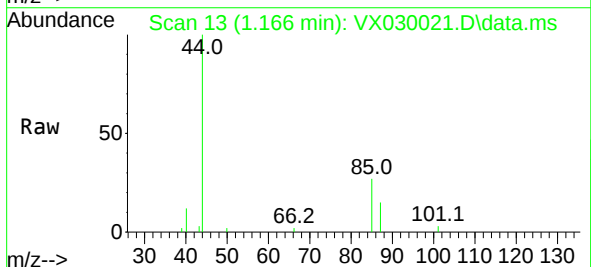
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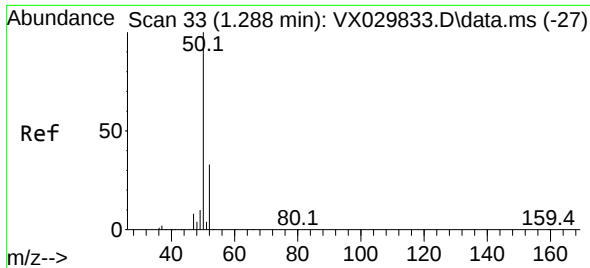
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#2
Dichlorodifluoromethane
Concen: 0.349 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

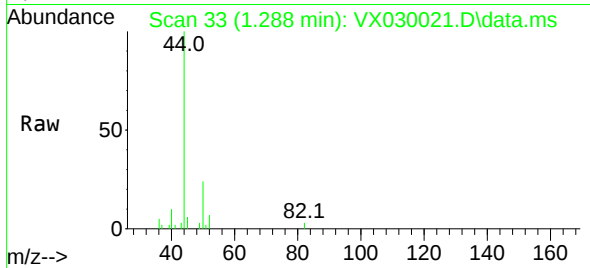
Tgt Ion: 85 Resp: 828
Ion Ratio Lower Upper
85 100
87 54.9 16.5 49.5





#3
Chloromethane
Concen: 0.459 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

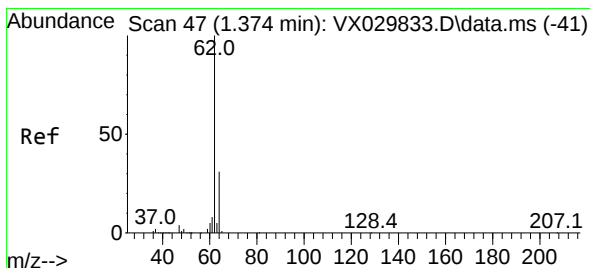
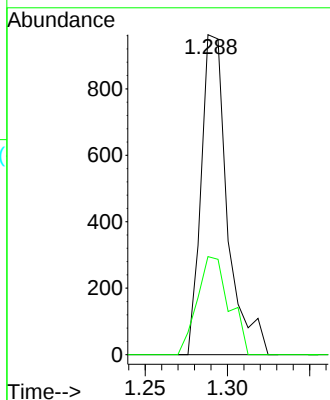
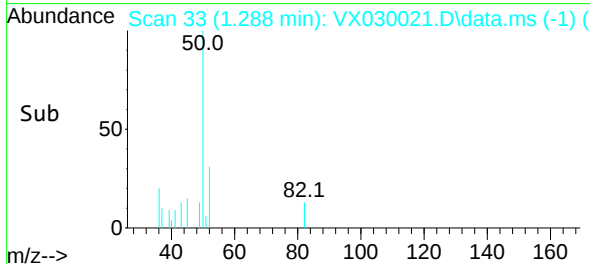
Instrument :
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ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 50 Resp: 1070
Ion Ratio Lower Upper
50 100
52 30.6 26.3 39.5

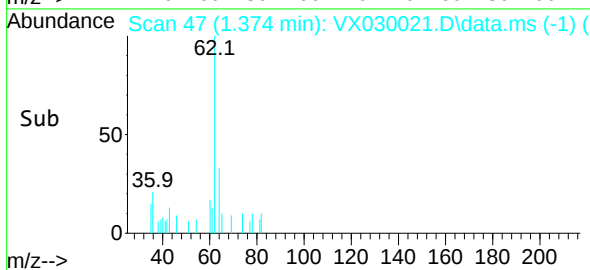
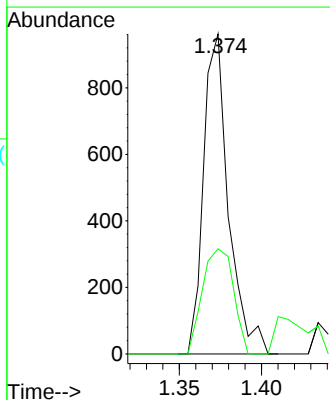
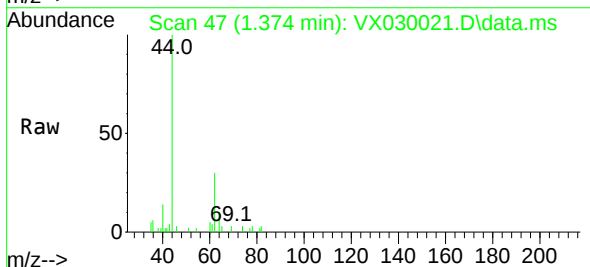
Manual Integrations
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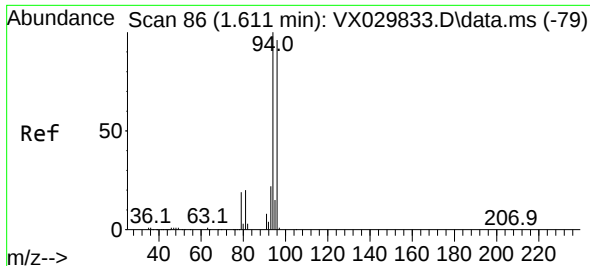
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#4
Vinyl Chloride
Concen: 0.391 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

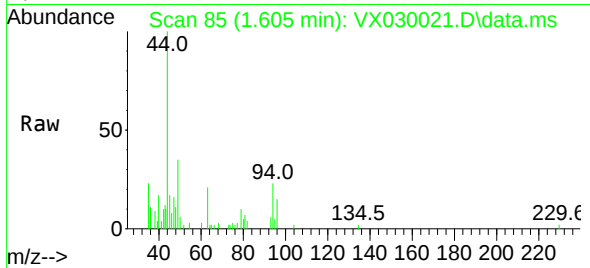
Tgt Ion: 62 Resp: 1013
Ion Ratio Lower Upper
62 100
64 32.8 25.2 37.8





#5
Bromomethane
Concen: 0.797 ug/l
RT: 1.605 min Scan# 86
Delta R.T. -0.006 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

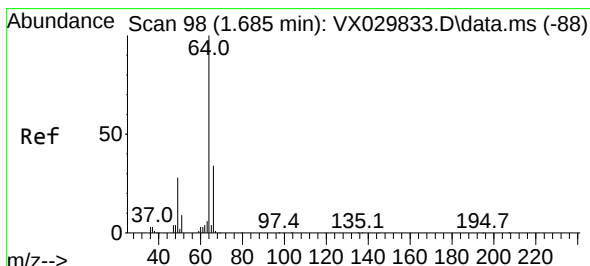
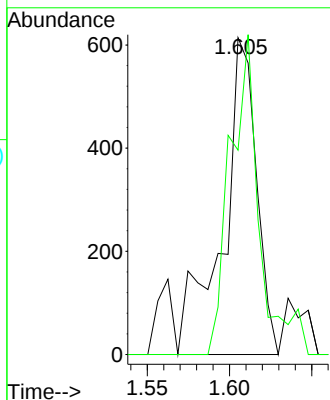
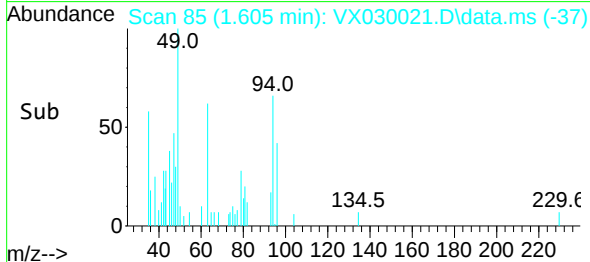
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 94 Resp: 87
Ion Ratio Lower Upper
94 100
96 64.5 76.9 115.3

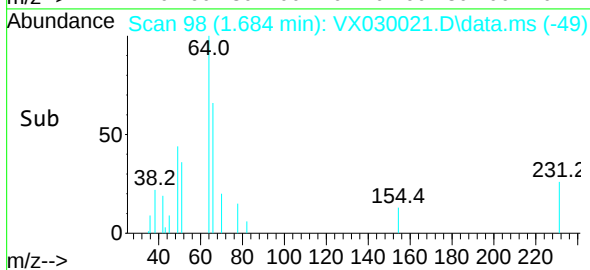
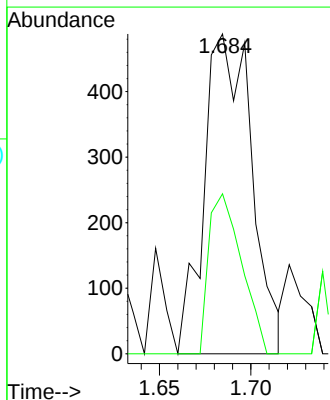
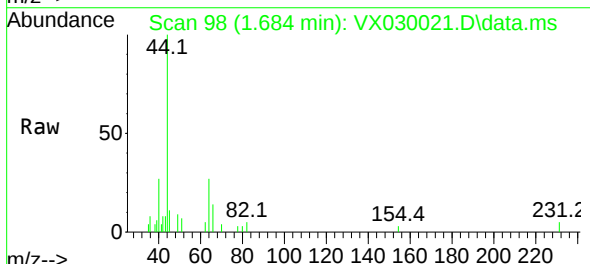
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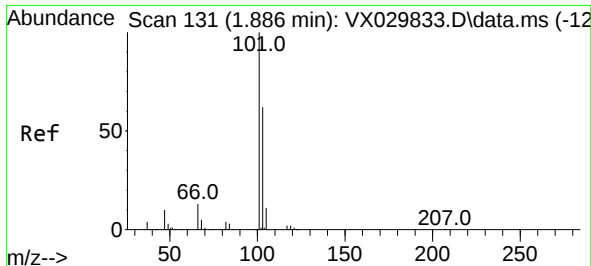
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#6
Chloroethane
Concen: 0.608 ug/l
RT: 1.684 min Scan# 98
Delta R.T. -0.001 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

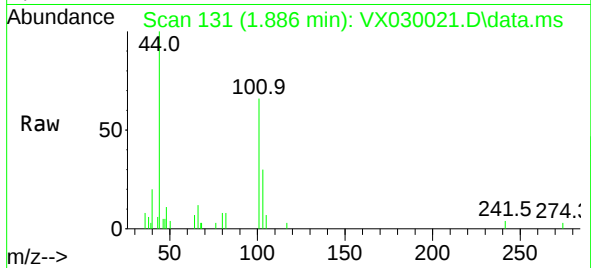
Tgt Ion: 64 Resp: 886
Ion Ratio Lower Upper
64 100
66 50.0 27.2 40.8





#7
 Trichlorofluoromethane
 Concen: 0.440 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. -0.000 min
 Lab File: VX030021.D
 Acq: 12 Jul 2022 15:54

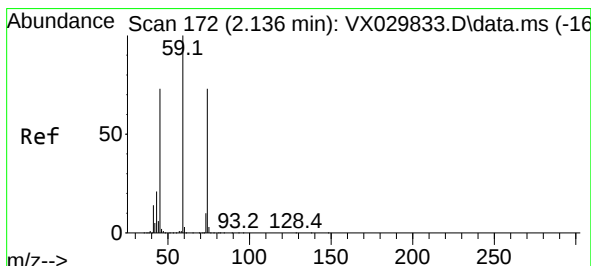
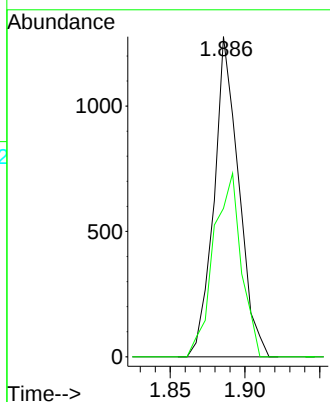
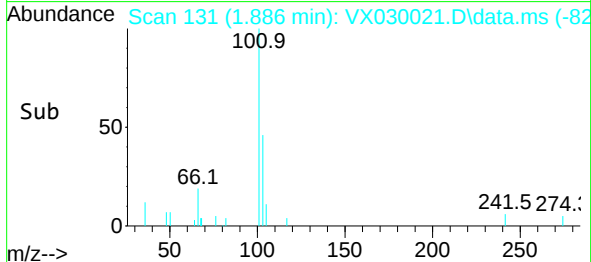
Instrument : MSVOA_X
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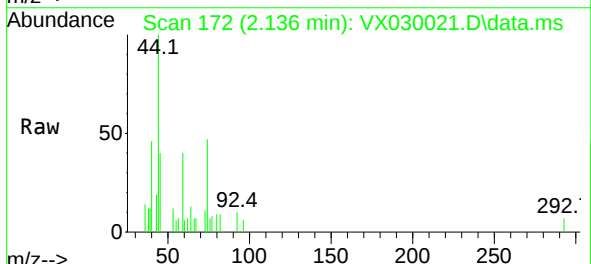
Tgt Ion:101 Resp: 1470
 Ion Ratio Lower Upper
 101 100
 103 46.4 49.7 74.5

Manual Integrations
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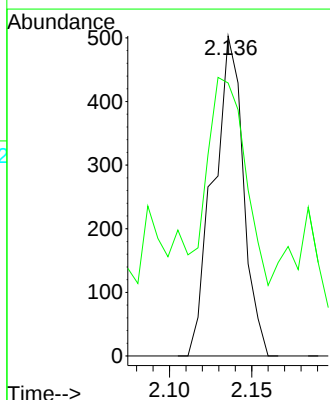
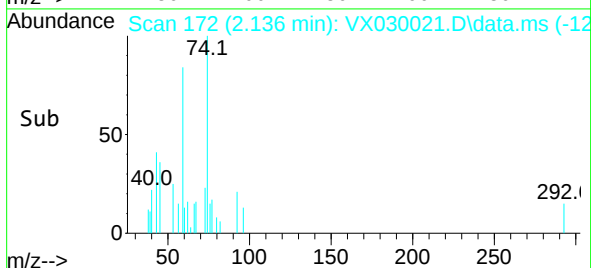
Reviewed By :John Carlone 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022



#8
 Diethyl Ether
 Concen: 0.462 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 639
 Ion Ratio Lower Upper
 74 100
 45 131.1 51.5 154.7





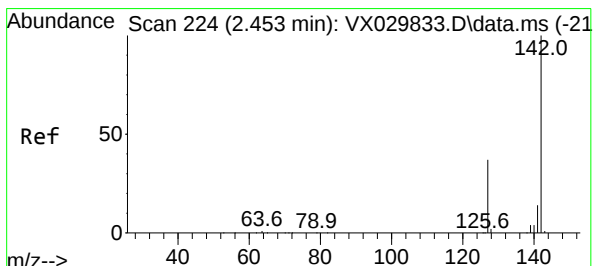
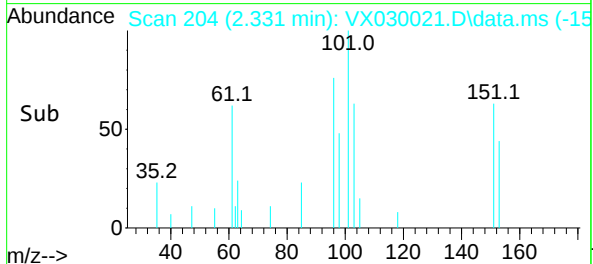
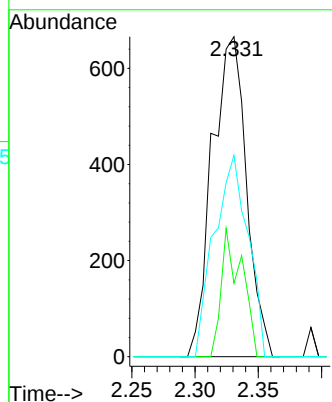
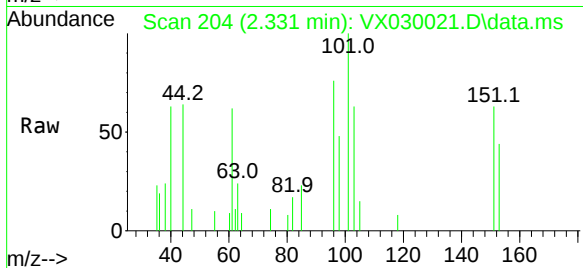
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1,1,2-Trichlorotrifluoroethane
Concen: 0.548 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 125
Ion Ratio Lower Upper
101 100
85 24.0 34.0 51.0
151 62.1 59.4 89.0

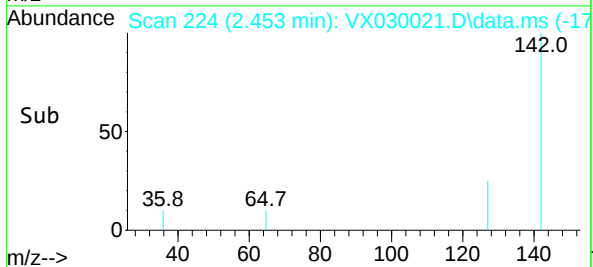
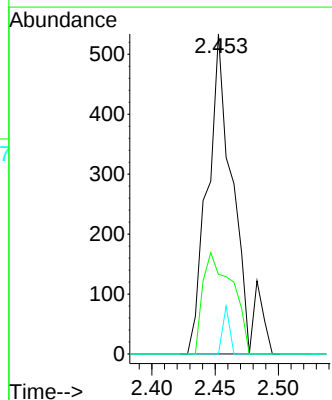
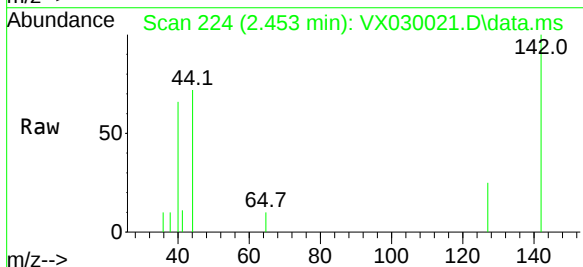
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#10
Methyl Iodide
Concen: 0.409 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

Tgt Ion:142 Resp: 768
Ion Ratio Lower Upper
142 100
127 35.7 30.2 45.2
141 3.8 11.3 16.9#





#11

Tert butyl alcohol

Concen: 4.653 ug/l m

RT: 2.940 min Scan# 304

Delta R.T. -0.055 min

Lab File: VX030021.D

Acq: 12 Jul 2022 15:54

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

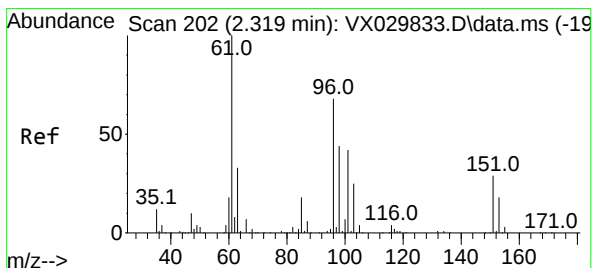
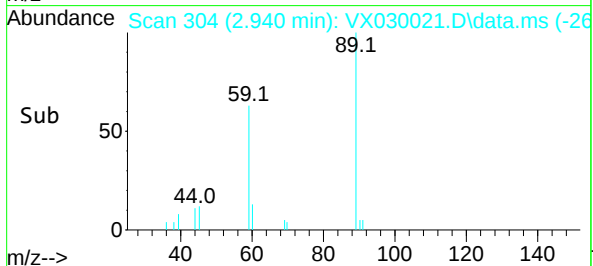
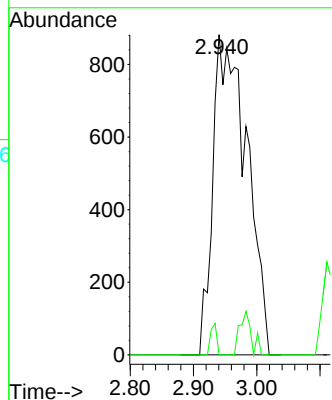
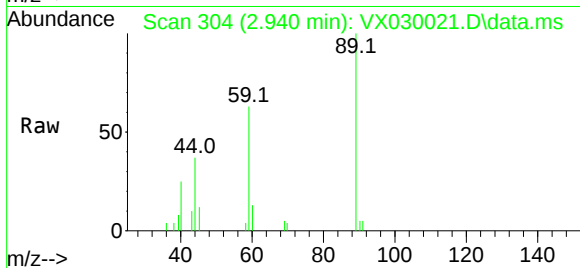
Tgt Ion: 59 Resp: 3270
 Ion Ratio Lower Upper
 59 100
 57 1.7 7.4 11.2

Manual Integrations

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Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#12

1,1-Dichloroethene

Concen: 0.469 ug/l

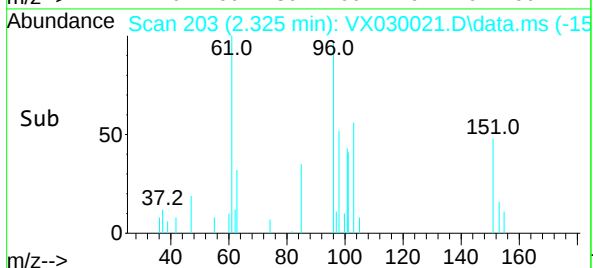
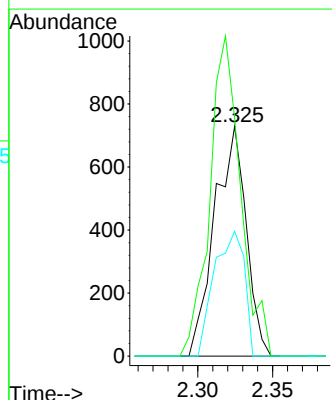
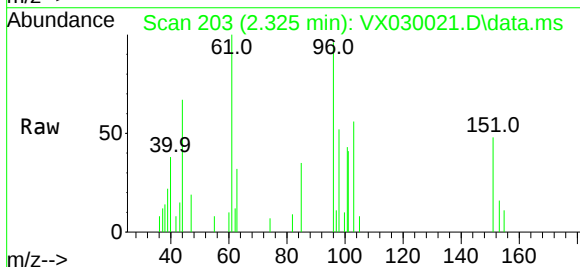
RT: 2.325 min Scan# 203

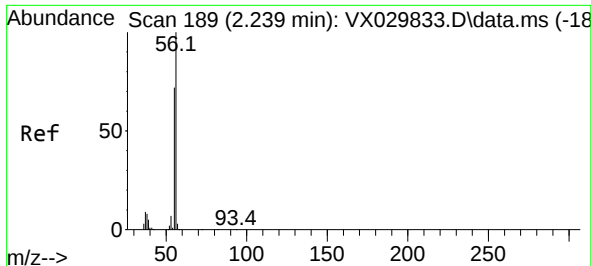
Delta R.T. 0.006 min

Lab File: VX030021.D

Acq: 12 Jul 2022 15:54

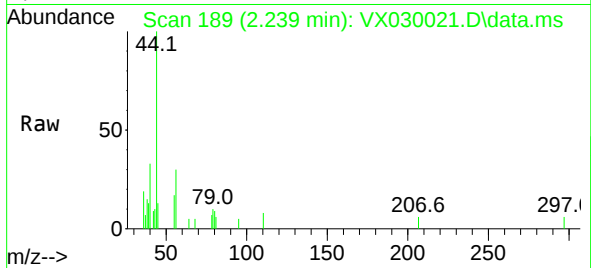
Tgt Ion: 96 Resp: 1069
 Ion Ratio Lower Upper
 96 100
 61 103.7 117.4 176.0#
 98 54.3 52.2 78.4





#13
Acrolein
Concen: 3.558 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

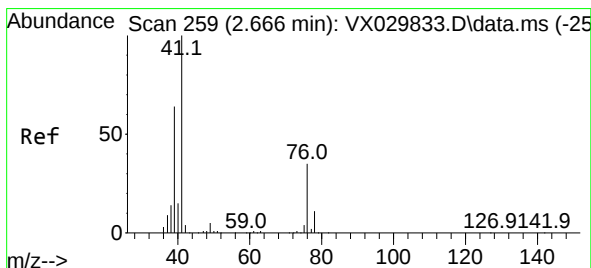
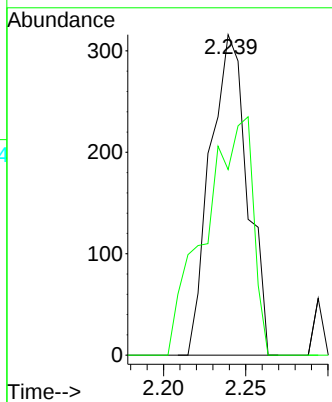
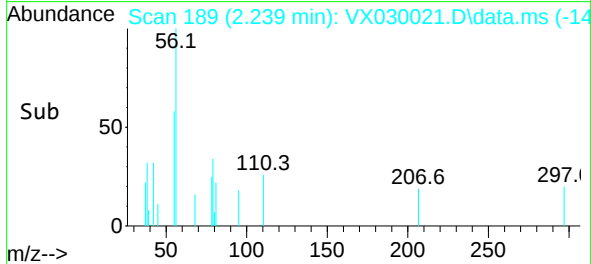
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 56 Resp: 498
Ion Ratio Lower Upper
56 100
55 95.2 56.6 84.8

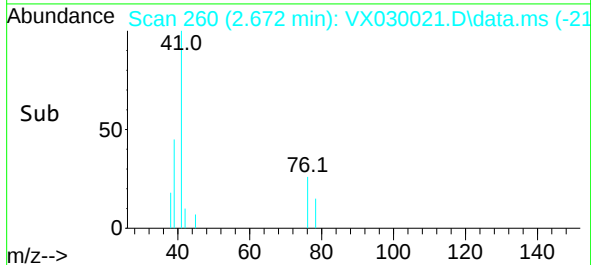
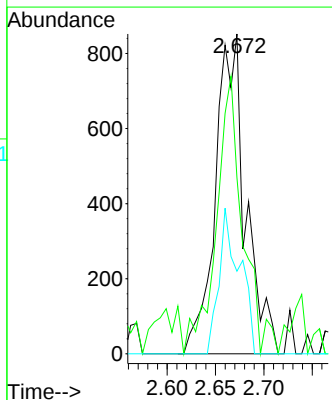
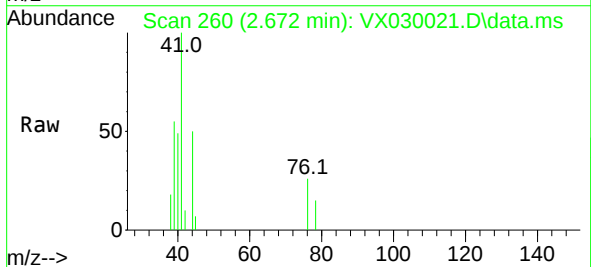
Manual Integrations
APPROVED

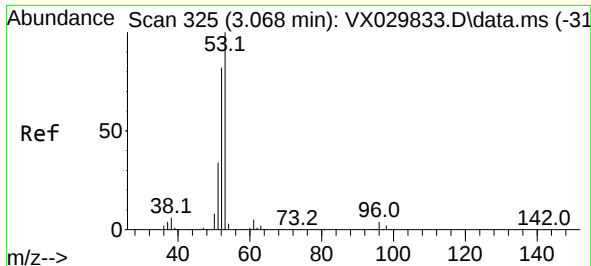
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#14
Allyl chloride
Concen: 0.462 ug/l
RT: 2.672 min Scan# 260
Delta R.T. 0.006 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

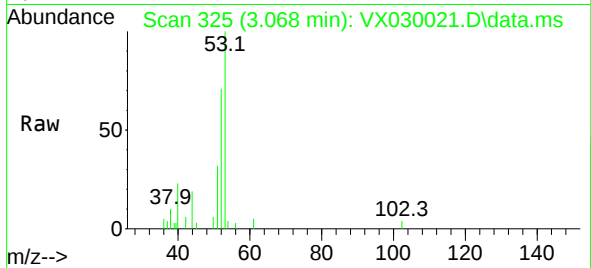
Tgt Ion: 41 Resp: 1839
Ion Ratio Lower Upper
41 100
39 76.3 48.9 73.3
76 31.4 26.9 40.3





#15
Acrylonitrile
Concen: 2.217 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

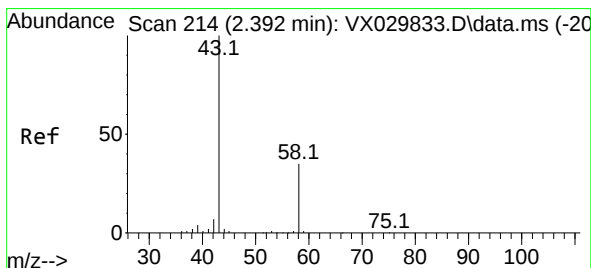
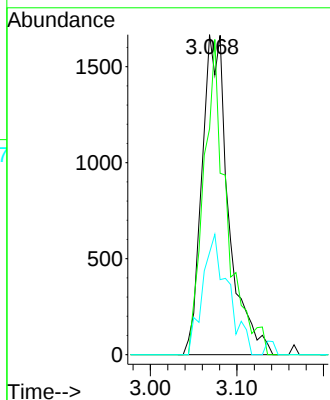
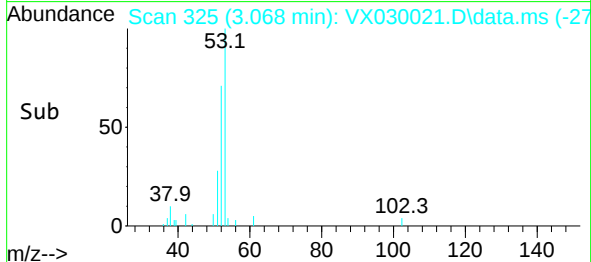
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 53 Resp: 3540
Ion Ratio Lower Upper
53 100
52 85.4 65.4 98.0
51 36.4 27.7 41.5

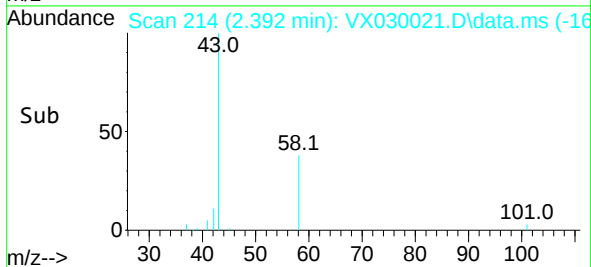
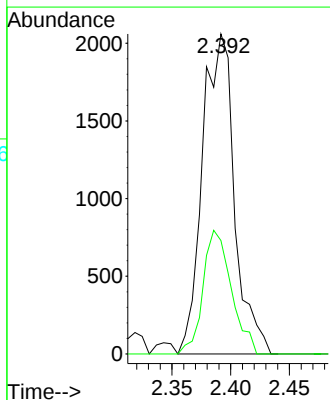
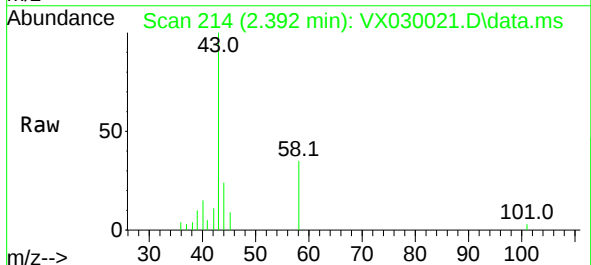
Manual Integrations
APPROVED

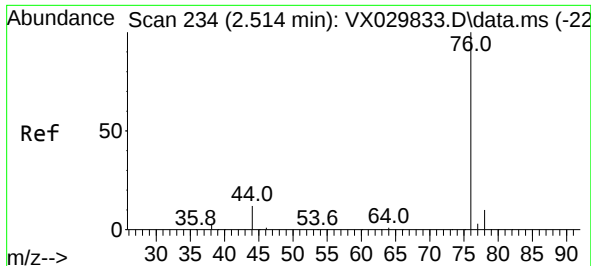
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#16
Acetone
Concen: 3.041 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

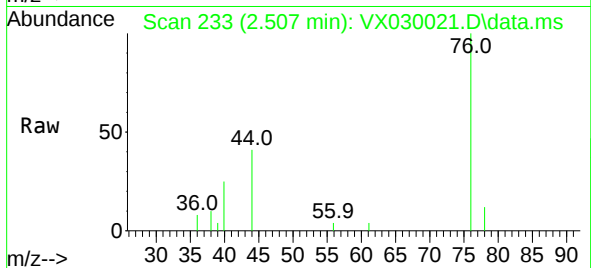
Tgt Ion: 43 Resp: 3902
Ion Ratio Lower Upper
43 100
58 35.4 27.7 41.5





#17
Carbon Disulfide
Concen: 0.474 ug/l
RT: 2.507 min Scan# 21
Delta R.T. -0.007 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

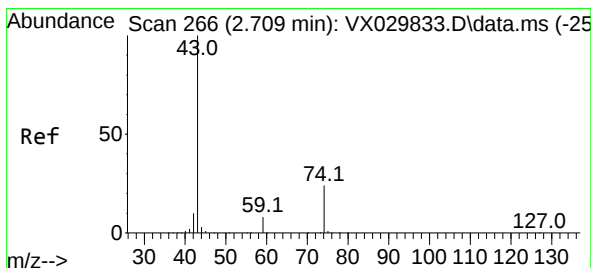
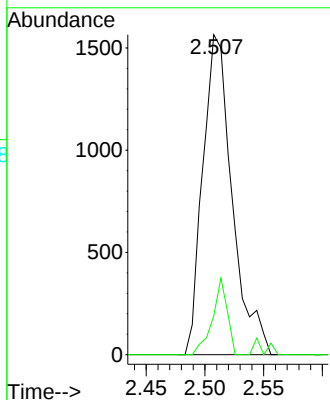
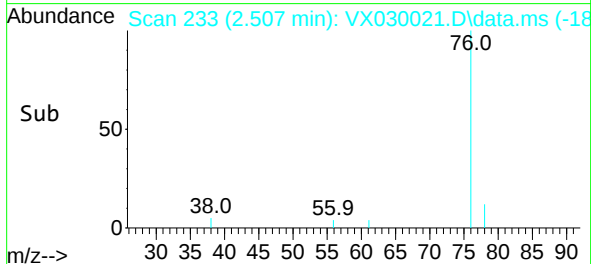
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 76 Resp: 2719
Ion Ratio Lower Upper
76 100
78 12.1 7.8 11.6

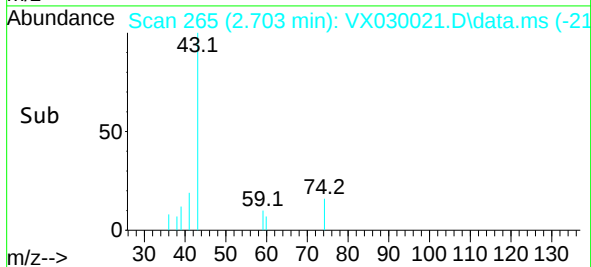
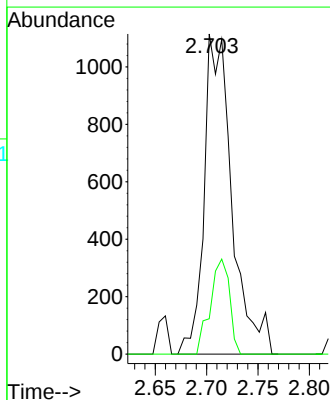
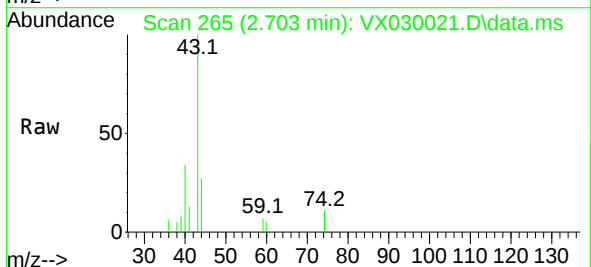
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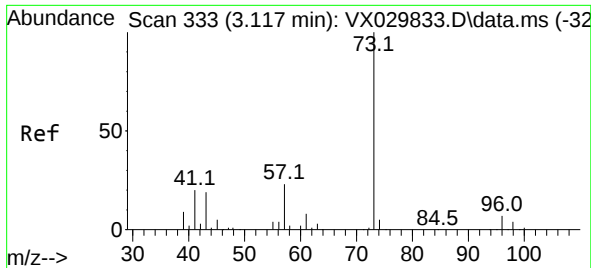
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#18
Methyl Acetate
Concen: 0.535 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

Tgt Ion: 43 Resp: 2089
Ion Ratio Lower Upper
43 100
74 20.6 19.4 29.2





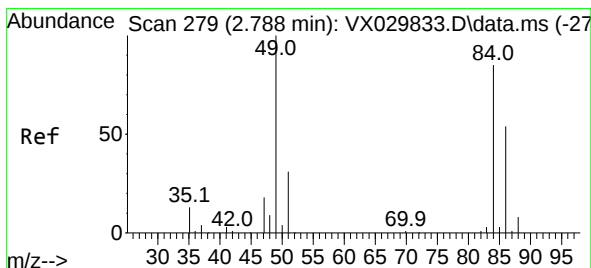
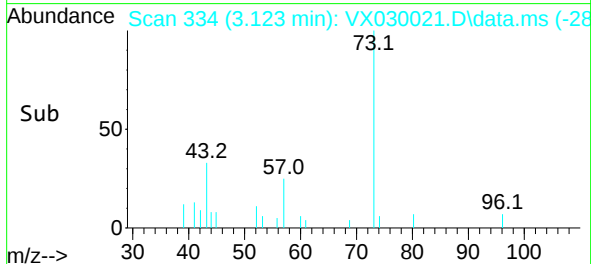
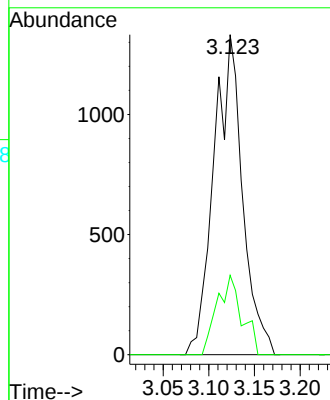
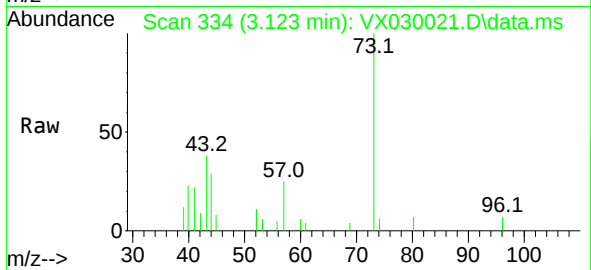
#19
Methyl tert-butyl Ether
Concen: 0.402 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 73 Resp: 2898
Ion Ratio Lower Upper
73 100
57 24.8 19.0 28.6

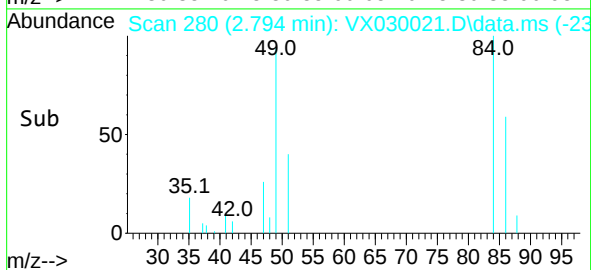
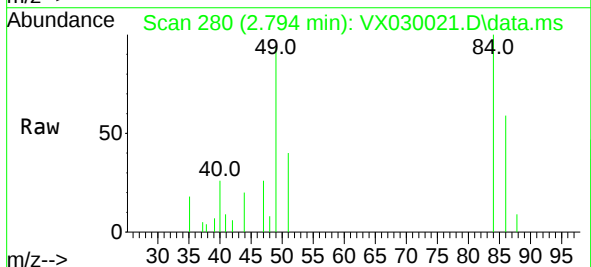
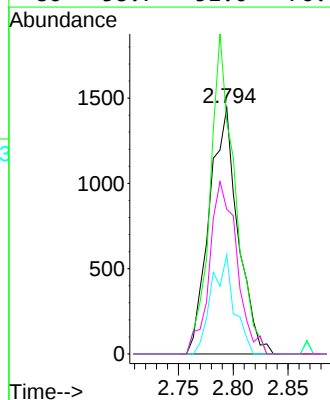
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#20
Methylene Chloride
Concen: 0.885 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

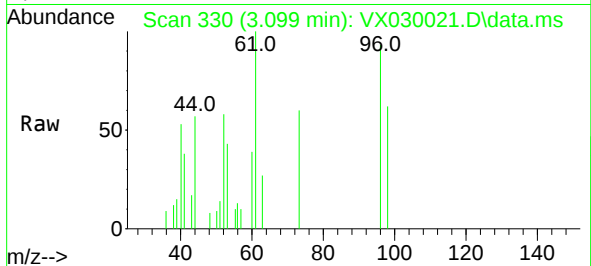
Tgt Ion: 84 Resp: 2628
Ion Ratio Lower Upper
84 100
49 94.3 93.8 140.6
51 40.3 29.4 44.0
86 58.7 51.0 76.4





#21
trans-1,2-Dichloroethene
Concen: 0.438 ug/l
RT: 3.099 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

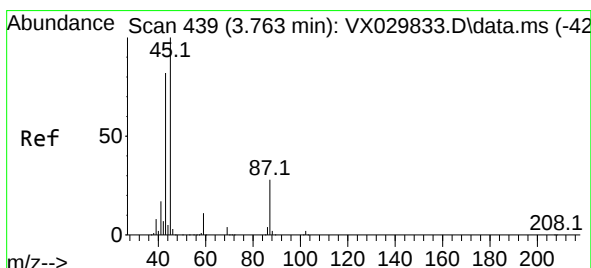
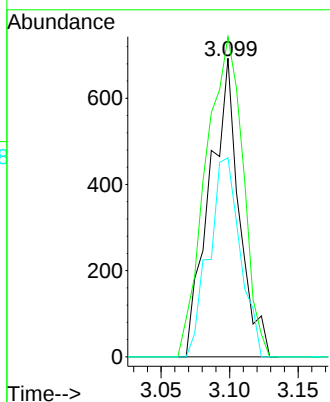
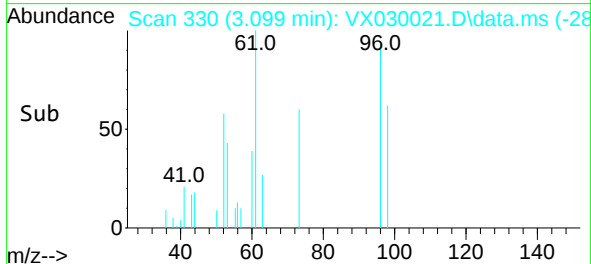
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 96 Resp: 1040
Ion Ratio Lower Upper
96 100
61 107.2 105.6 158.4
98 66.7 50.1 75.1

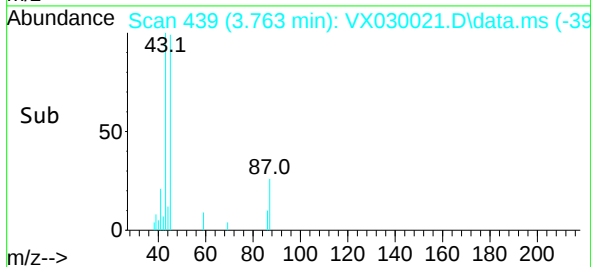
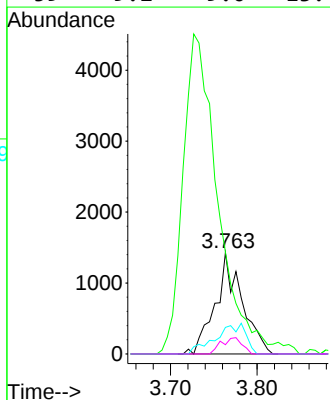
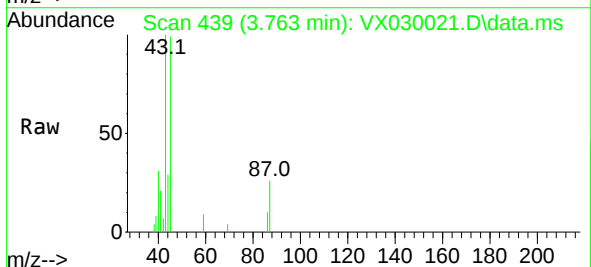
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#22
Diisopropyl ether
Concen: 0.393 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

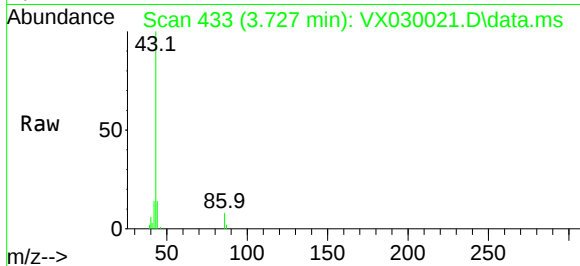
Tgt Ion: 45 Resp: 3066
Ion Ratio Lower Upper
45 100
43 89.1 65.4 98.0
87 26.2 22.3 33.5
59 9.2 9.0 13.4





#23
 Vinyl Acetate
 Concen: 1.902 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030021.D
 Acq: 12 Jul 2022 15:54

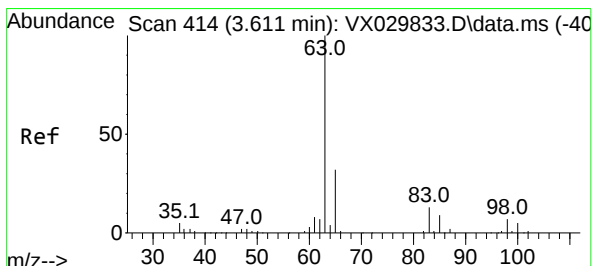
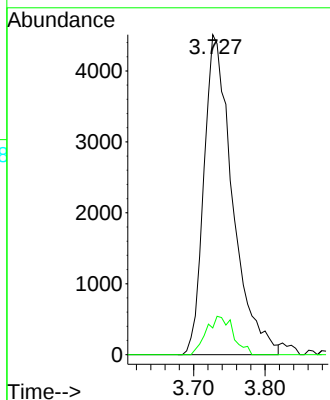
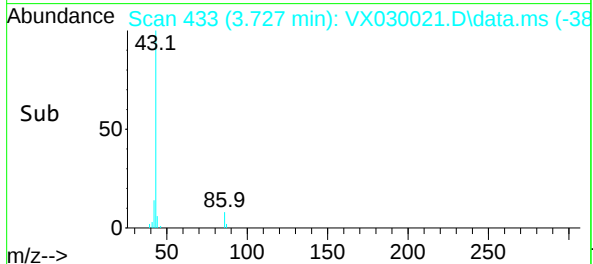
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022



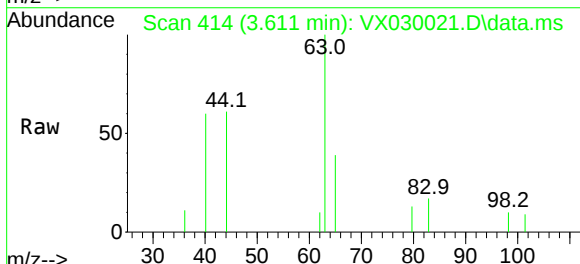
Tgt Ion: 43 Resp: 1255
 Ion Ratio Lower Upper
 43 100
 86 8.4 8.5 12.7

Manual Integrations
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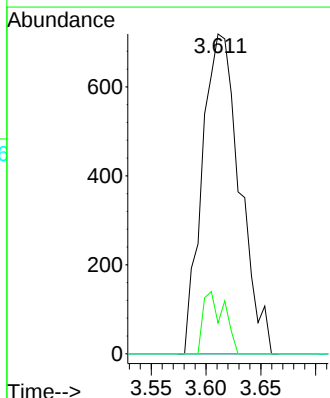
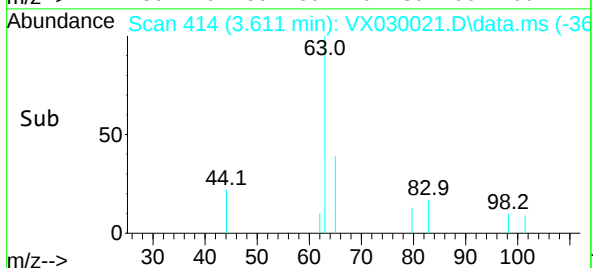
Reviewed By :John Carlone 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022

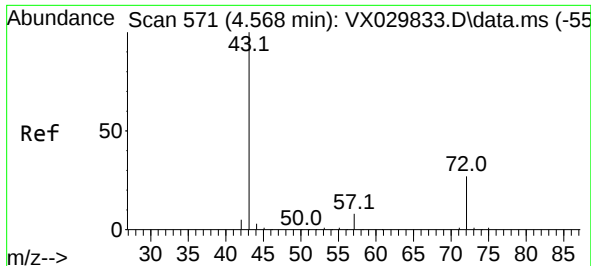


#24
 1,1-Dichloroethane
 Concen: 0.397 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX030021.D
 Acq: 12 Jul 2022 15:54



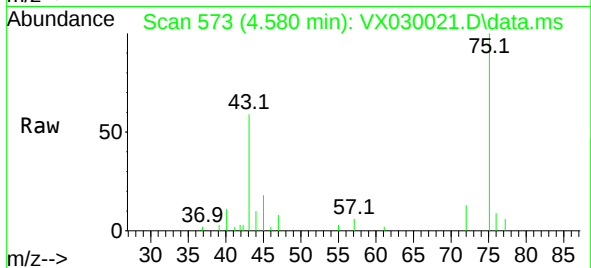
Tgt Ion: 63 Resp: 1713
 Ion Ratio Lower Upper
 63 100
 98 9.6 3.5 10.5
 100 0.0 2.3 6.9





#25
2-Butanone
Concen: 2.432 ug/l
RT: 4.580 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

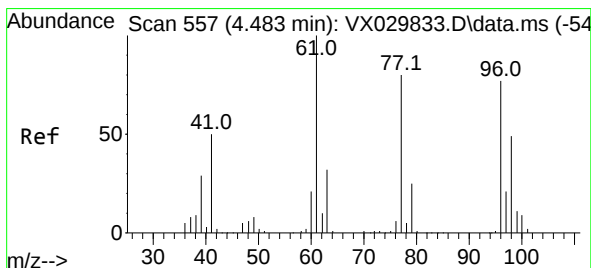
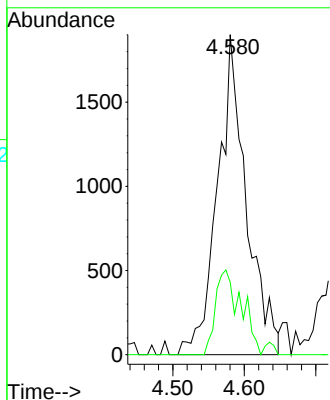
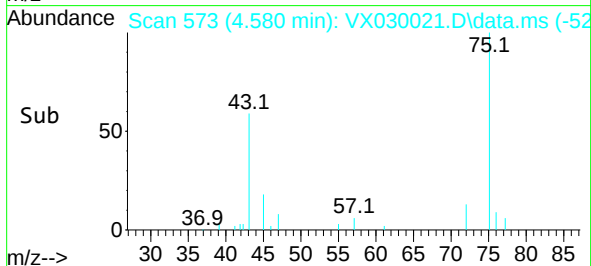
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 43 Resp: 5310
Ion Ratio Lower Upper
43 100
72 22.7 21.7 32.5

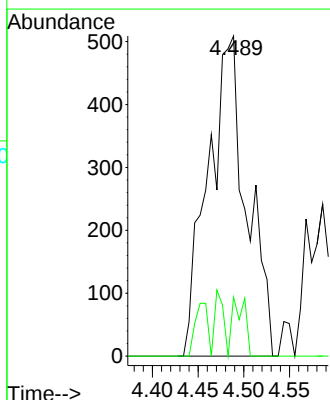
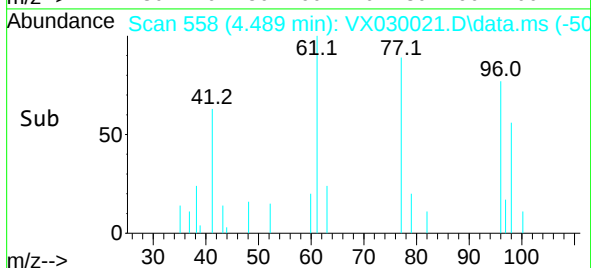
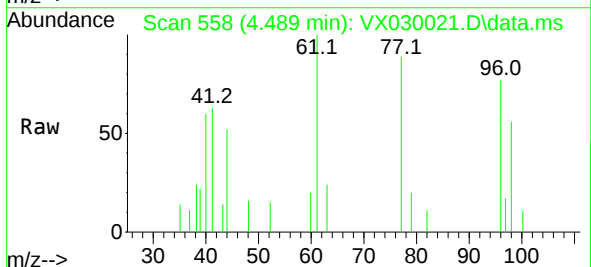
Manual Integrations
APPROVED

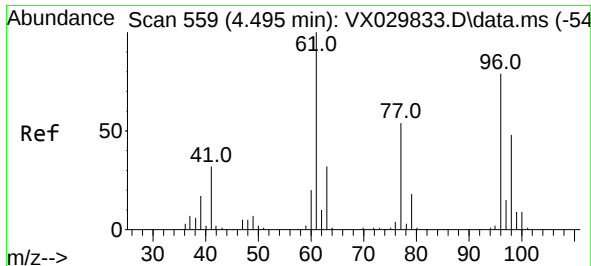
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#26
2,2-Dichloropropane
Concen: 0.491 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

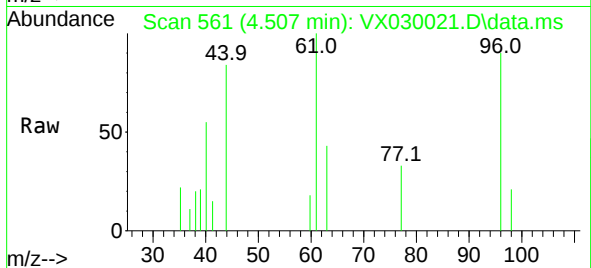
Tgt Ion: 77 Resp: 1491
Ion Ratio Lower Upper
77 100
97 6.0 13.0 39.0#





#27
cis-1,2-Dichloroethene
Concen: 0.390 ug/l m
RT: 4.507 min Scan# 511
Delta R.T. 0.012 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

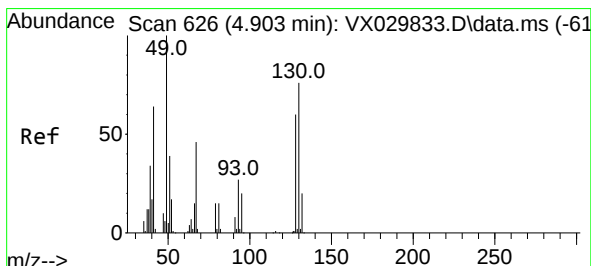
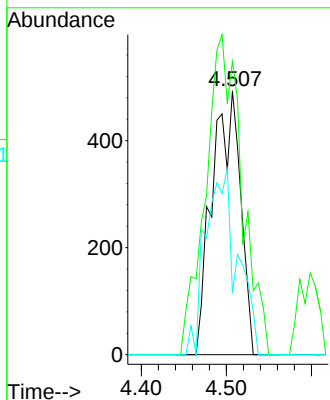
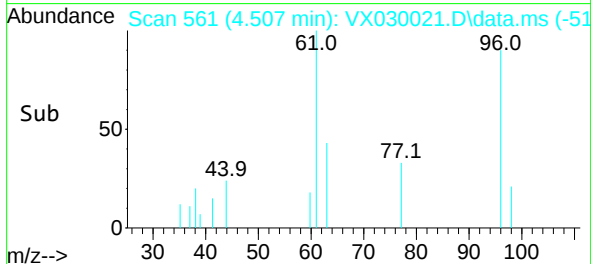
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 96 Resp: 113
Ion Ratio Lower Upper
96 100
61 156.2 0.0 270.0
98 78.9 0.0 127.8

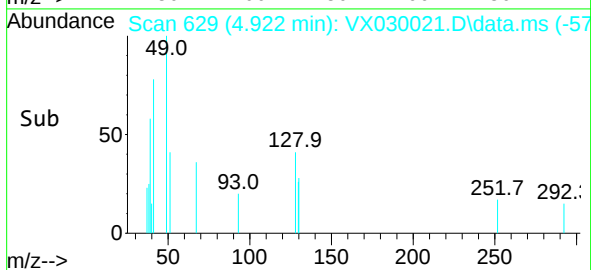
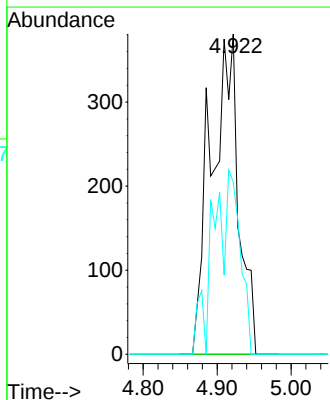
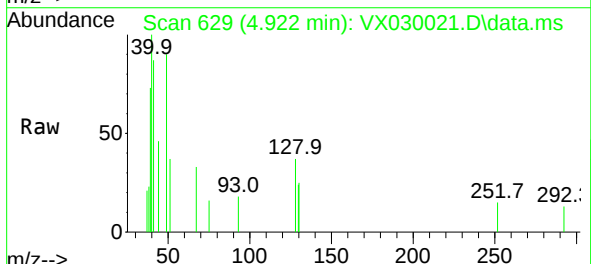
Manual Integrations
APPROVED

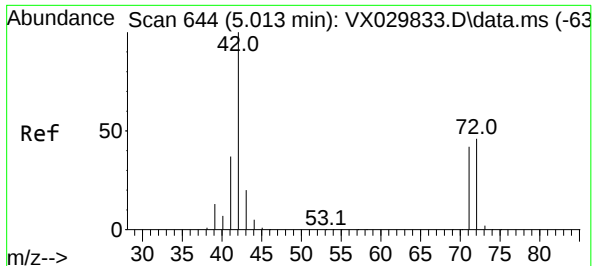
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#28
Bromochloromethane
Concen: 0.540 ug/l m
RT: 4.922 min Scan# 629
Delta R.T. 0.019 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

Tgt Ion: 49 Resp: 981
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.4
130 28.2 62.8 94.2#





#29

Tetrahydrofuran

Concen: 2.369 ug/l

RT: 5.037 min Scan# 644

Delta R.T. 0.024 min

Lab File: VX030021.D

Acq: 12 Jul 2022 15:54

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

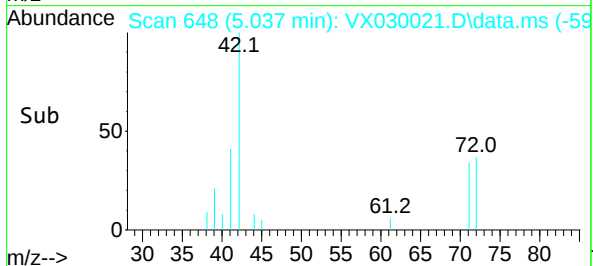
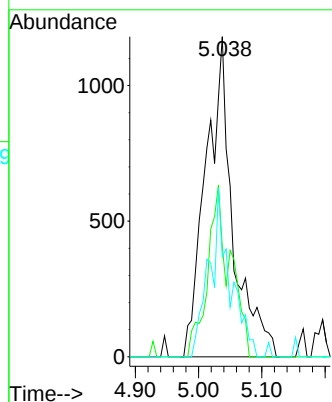
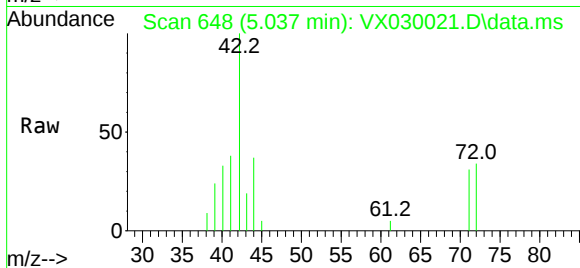
Tgt Ion: 42	Resp: 351
Ion Ratio	Lower Upper
42 100	
72 31.5	36.5 54.7
71 40.4	33.9 50.9

Manual Integrations

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Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#30

Chloroform

Concen: 0.425 ug/l

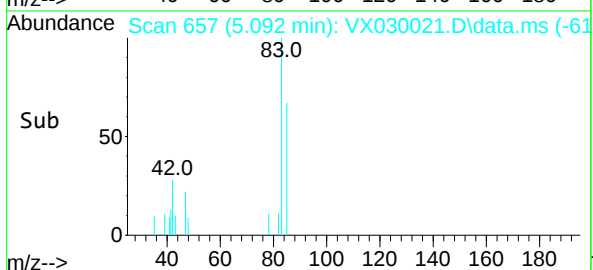
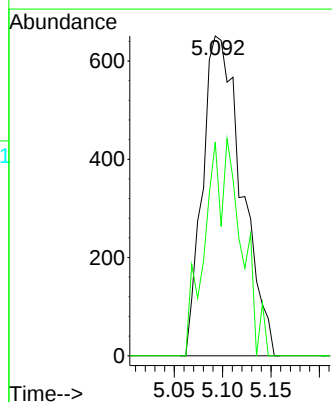
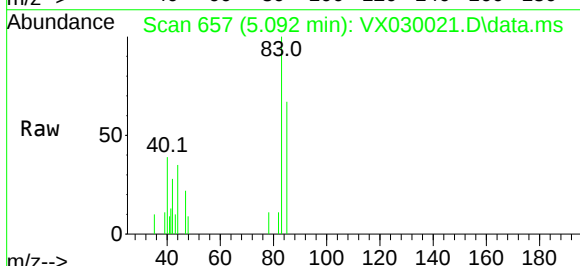
RT: 5.092 min Scan# 657

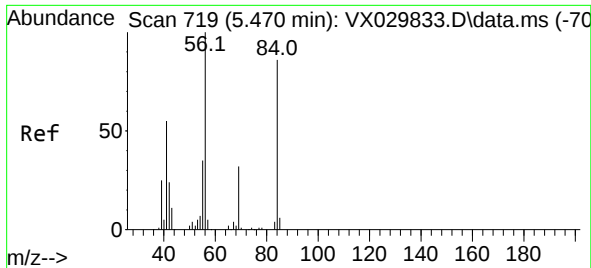
Delta R.T. -0.013 min

Lab File: VX030021.D

Acq: 12 Jul 2022 15:54

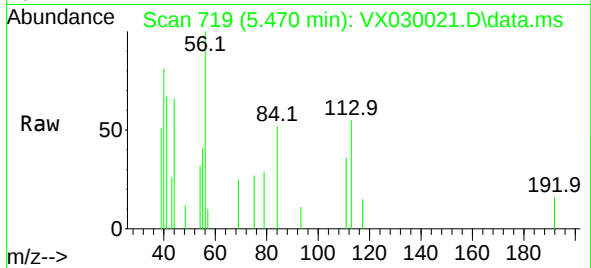
Tgt Ion: 83	Resp: 1831
Ion Ratio	Lower Upper
83 100	
85 66.8	51.5 77.3





#31
Cyclohexane
Concen: 0.391 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

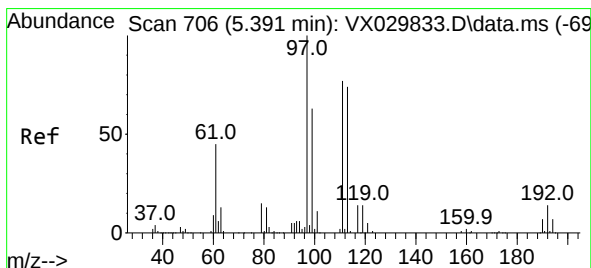
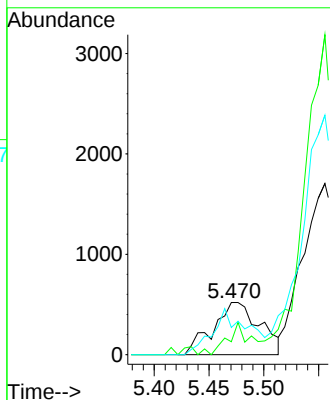
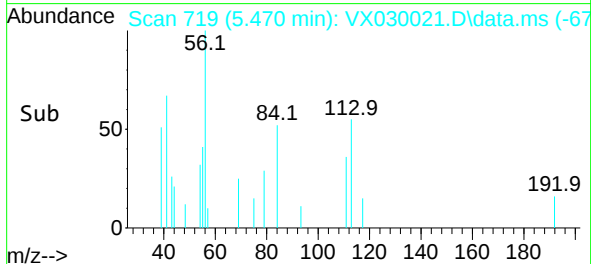
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



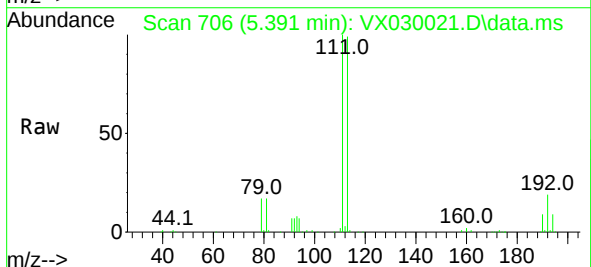
Tgt Ion: 56 Resp: 1543
Ion Ratio Lower Upper
56 100
69 24.9 25.4 38.0#
84 52.2 68.9 103.3#

Manual Integrations
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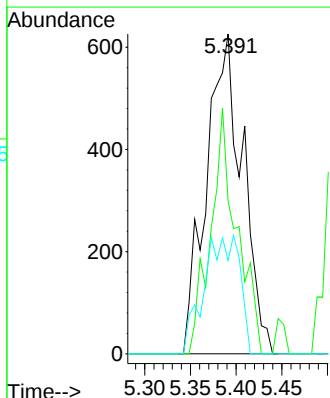
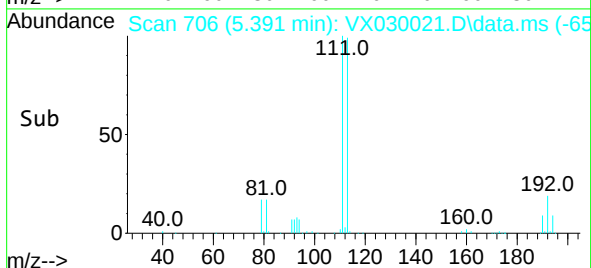
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#32
1,1,1-Trichloroethane
Concen: 0.492 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54



Tgt Ion: 97 Resp: 1730
Ion Ratio Lower Upper
97 100
99 0.0 51.4 77.0#
61 36.4 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 50.566 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX030021.D

Acq: 12 Jul 2022 15:54

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 65 Resp: 13768

Ion Ratio Lower Upper

65 100

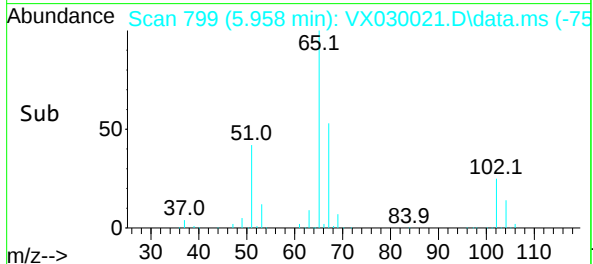
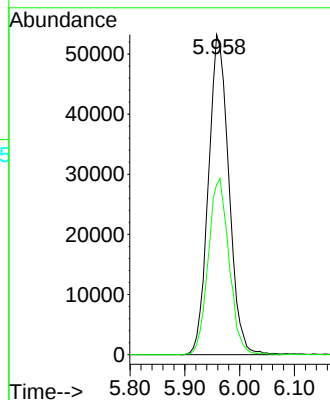
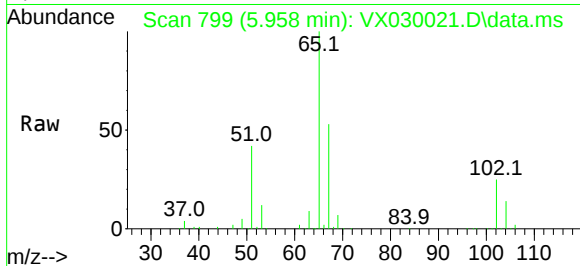
67 55.7 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX030021.D

Acq: 12 Jul 2022 15:54

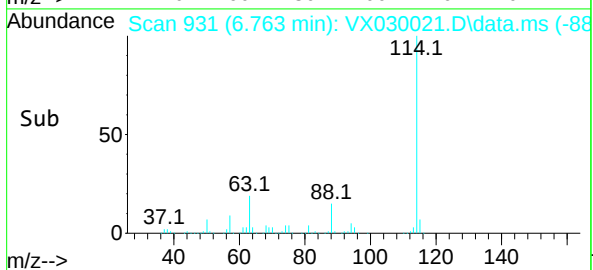
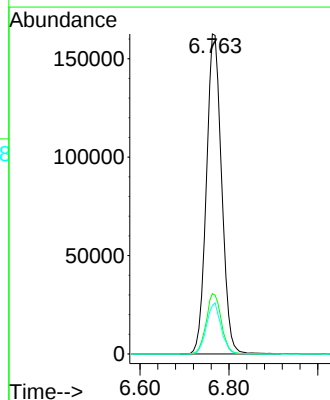
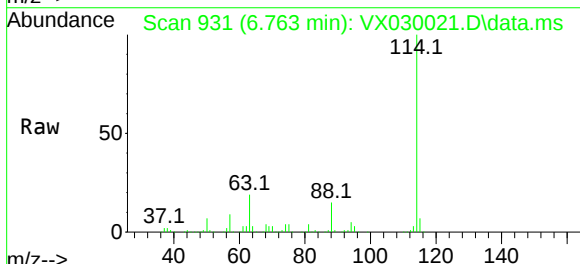
Tgt Ion:114 Resp: 387893

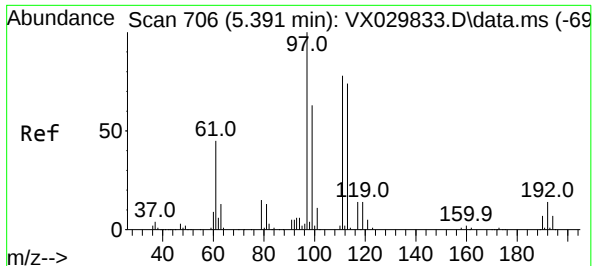
Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.4

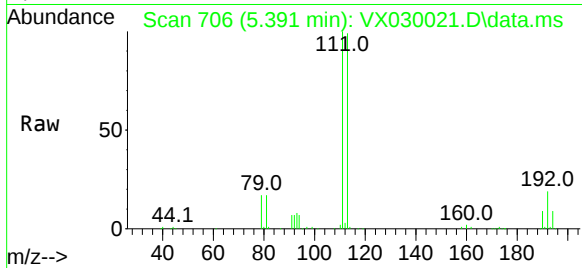
88 15.1 0.0 31.8





#35
Dibromofluoromethane
Concen: 50.183 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

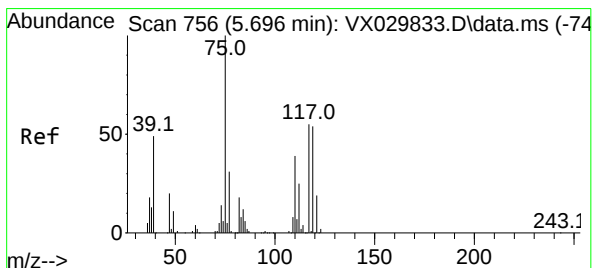
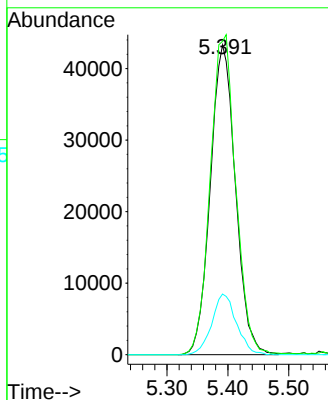
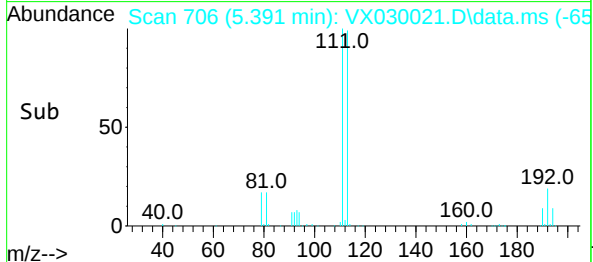
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 113 Resp: 124354
Ion Ratio Lower Upper
113 100
111 104.7 83.2 124.8
192 19.2 14.8 22.2

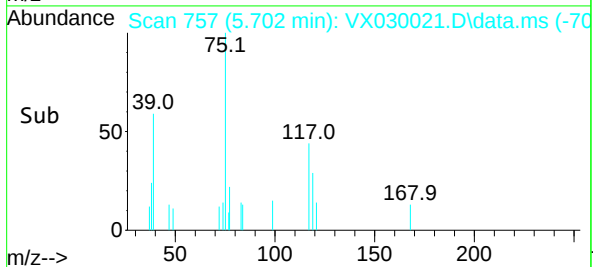
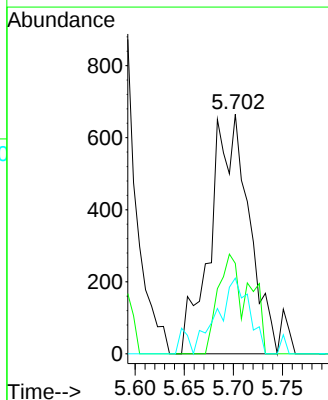
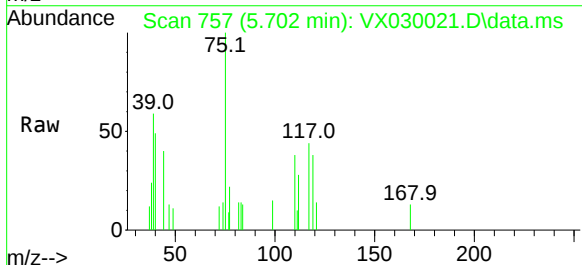
Manual Integrations
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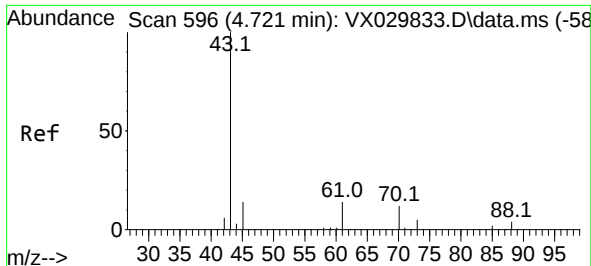
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#36
1,1-Dichloropropene
Concen: 0.563 ug/l m
RT: 5.702 min Scan# 757
Delta R.T. 0.006 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

Tgt Ion: 75 Resp: 1803
Ion Ratio Lower Upper
75 100
110 22.4 19.3 57.9
77 26.0 24.4 36.6





#37

Ethyl Acetate

Concen: 0.515 ug/l

RT: 4.727 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX030021.D

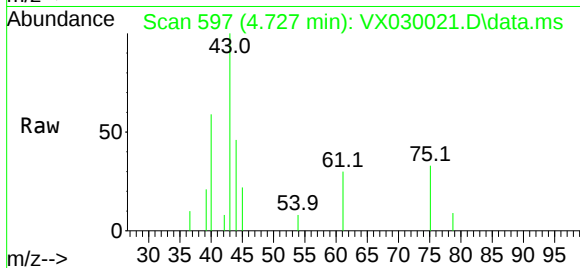
Acq: 12 Jul 2022 15:54

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



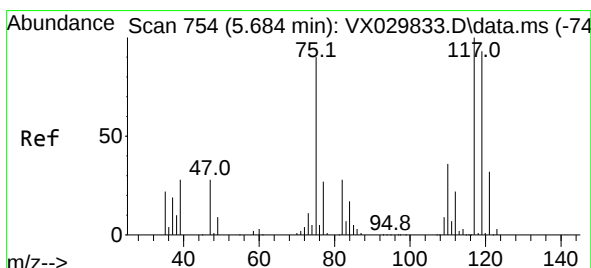
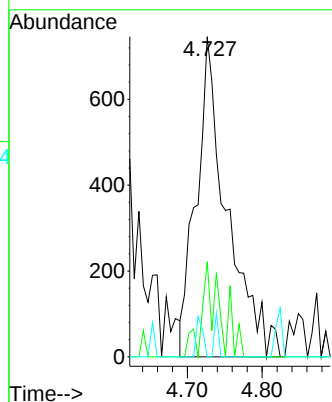
Tgt Ion:	43	Resp:	211
Ion Ratio	Lower	Upper	
43	100		
61	13.9	11.7	17.5
70	1.7	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#38

Carbon Tetrachloride

Concen: 0.419 ug/l m

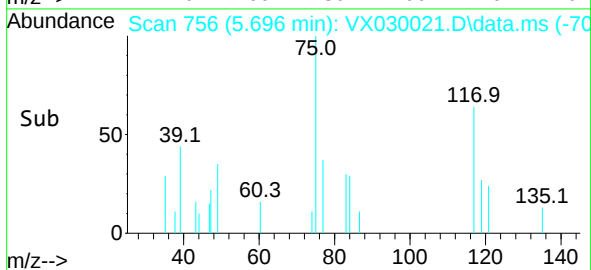
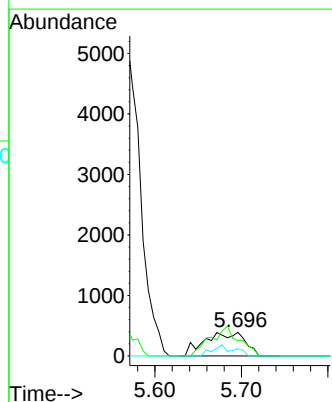
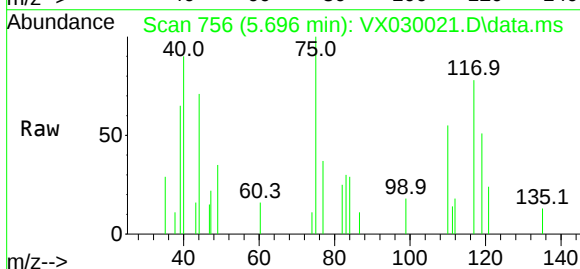
RT: 5.696 min Scan# 756

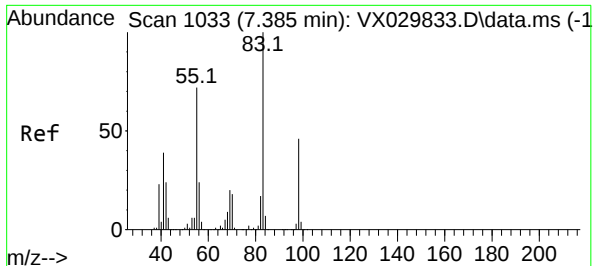
Delta R.T. 0.012 min

Lab File: VX030021.D

Acq: 12 Jul 2022 15:54

Tgt Ion:	117	Resp:	1250
Ion Ratio	Lower	Upper	
117	100		
119	64.8	74.1	111.1#
121	30.1	25.8	38.8





#39

Methylcyclohexane

Concen: 0.399 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX030021.D

Acq: 12 Jul 2022 15:54

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

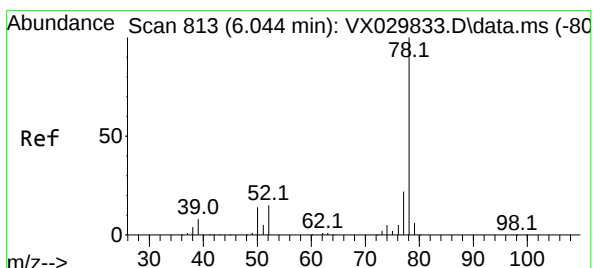
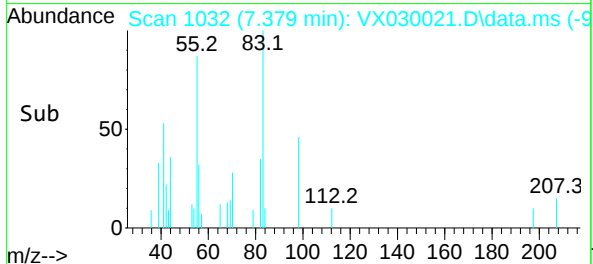
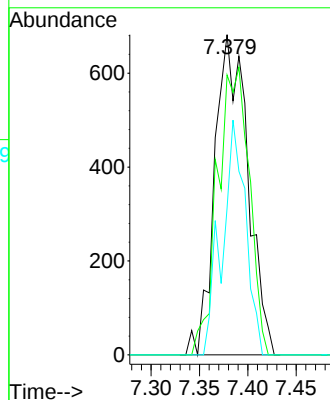
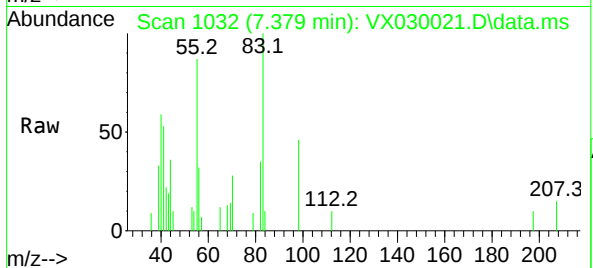
Tgt Ion: 83	Resp: 1618
Ion Ratio	Lower Upper
83	100
55	87.4 57.7 86.5
98	45.9 36.5 54.7

Manual Integrations

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Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#40

Benzene

Concen: 0.453 ug/l

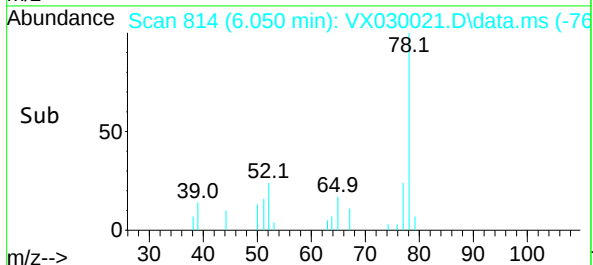
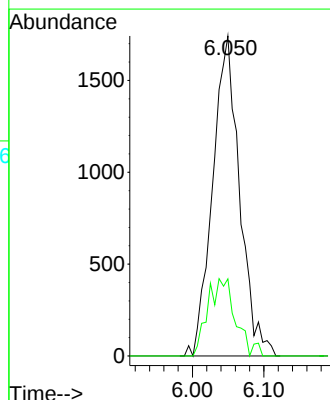
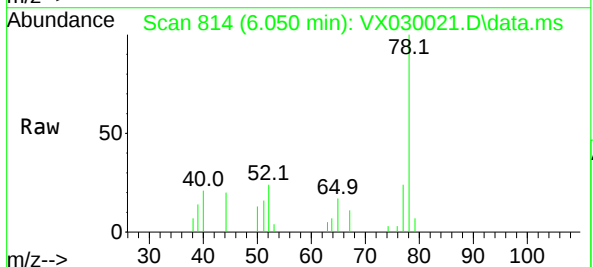
RT: 6.050 min Scan# 814

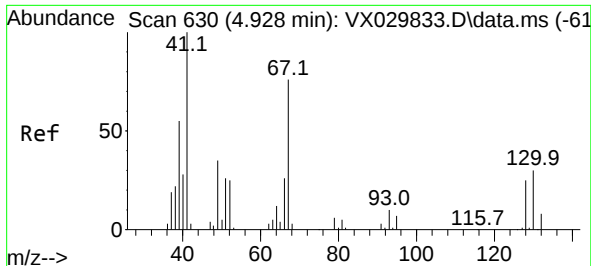
Delta R.T. 0.006 min

Lab File: VX030021.D

Acq: 12 Jul 2022 15:54

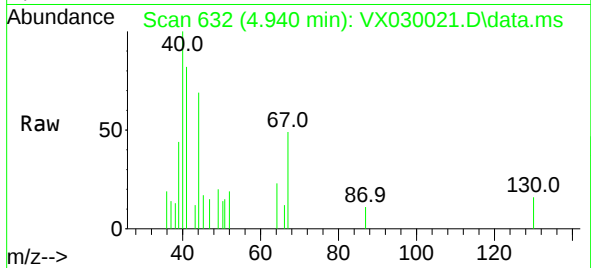
Tgt Ion: 78	Resp: 4567
Ion Ratio	Lower Upper
78	100
77	24.1 18.0 27.0





#41
Methacrylonitrile
Concen: 0.535 ug/l m
RT: 4.940 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

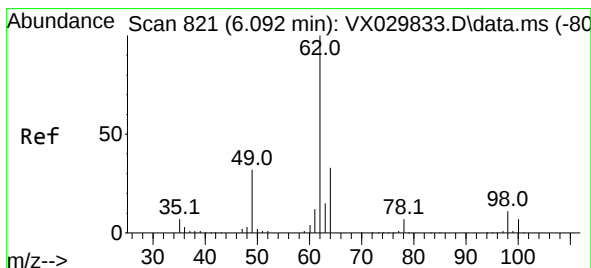
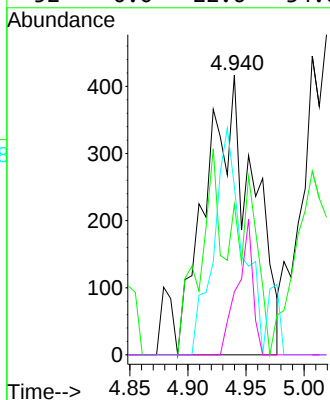
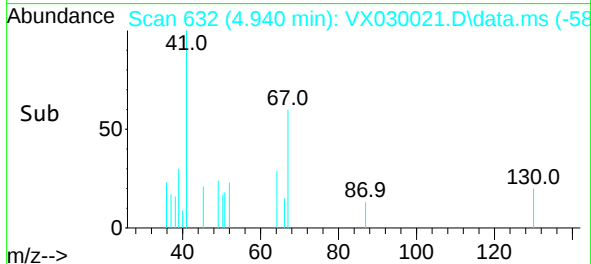
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 41 Resp: 118
Ion Ratio Lower Upper
41 100
39 34.8 42.9 64.3
67 49.4 60.1 90.1
52 0.0 22.6 34.0

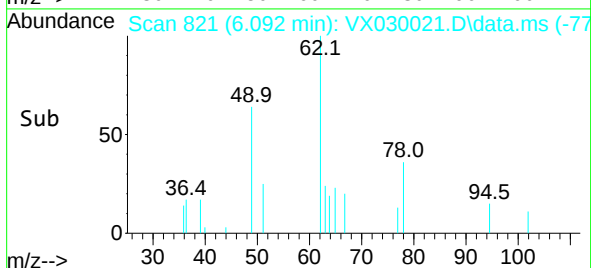
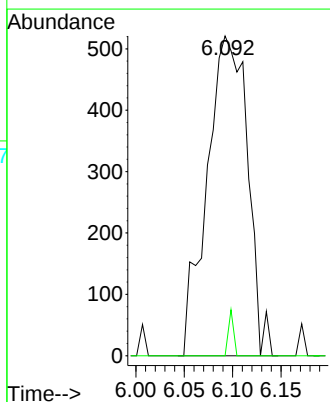
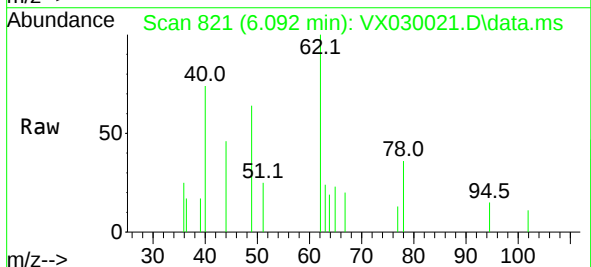
Manual Integrations
APPROVED

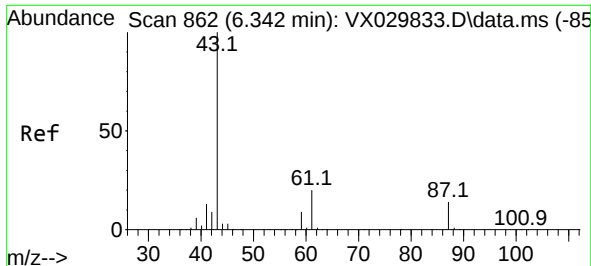
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#42
1,2-Dichloroethane
Concen: 0.485 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

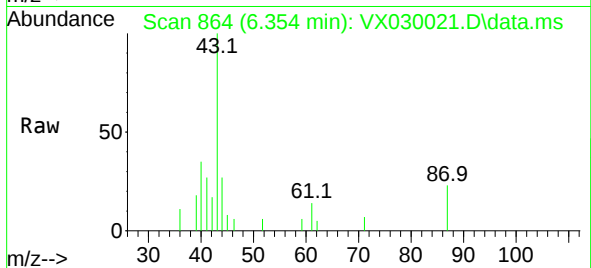
Tgt Ion: 62 Resp: 1515
Ion Ratio Lower Upper
62 100
98 1.8 0.0 20.2





#43
Isopropyl Acetate
Concen: 0.444 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.012 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

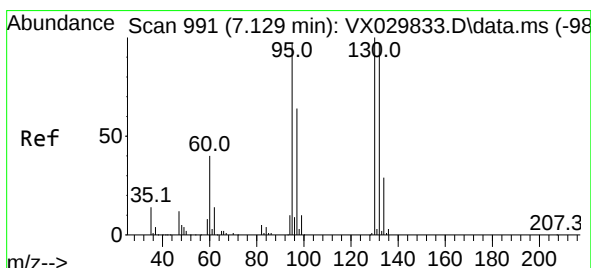
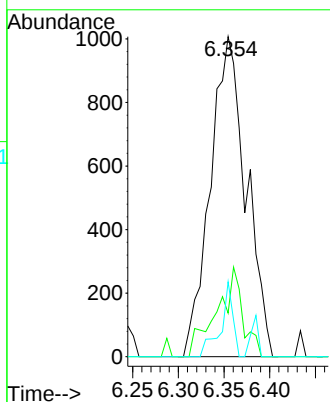
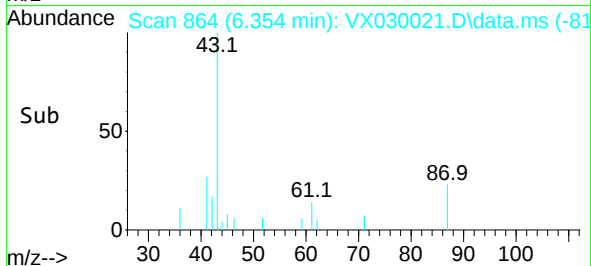
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 43 Resp: 2748
Ion Ratio Lower Upper
43 100
61 20.4 16.5 24.7
87 8.0 11.1 16.7

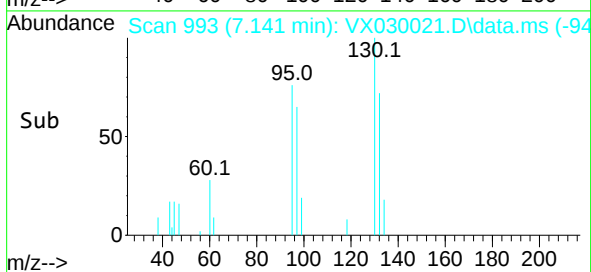
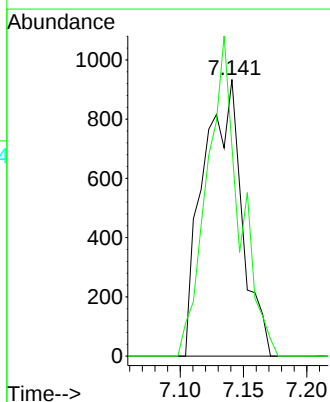
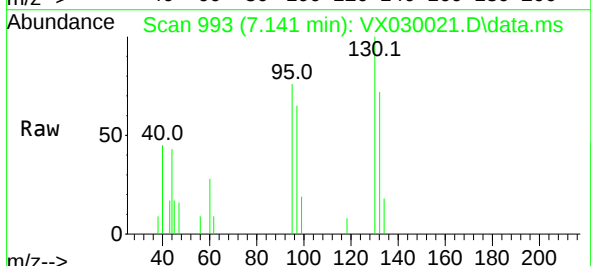
Manual Integrations
APPROVED

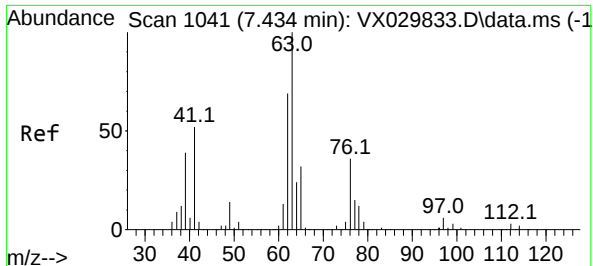
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#44
Trichloroethene
Concen: 0.671 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.012 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

Tgt Ion:130 Resp: 1974
Ion Ratio Lower Upper
130 100
95 75.7 0.0 194.8





#45

1,2-Dichloropropane

Concen: 0.486 ug/l

RT: 7.440 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VX030021.D

Acq: 12 Jul 2022 15:54

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 63 Resp: 127

Ion Ratio Lower Upper

63 100

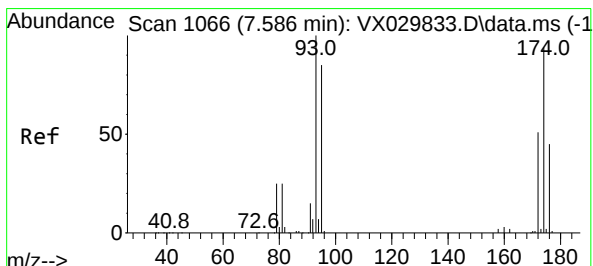
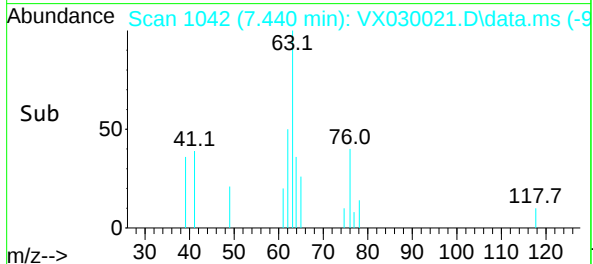
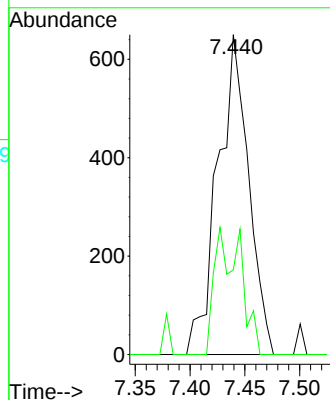
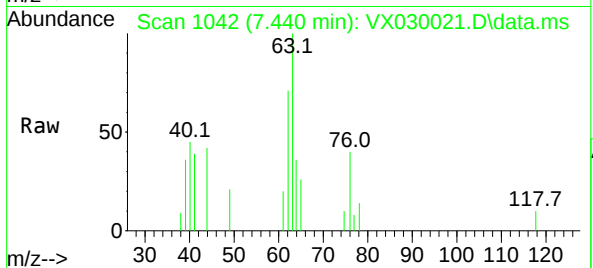
65 26.5 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#46

Dibromomethane

Concen: 0.466 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX030021.D

Acq: 12 Jul 2022 15:54

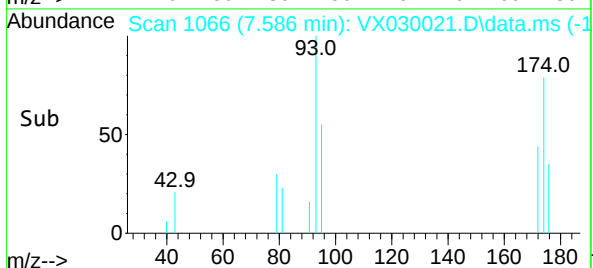
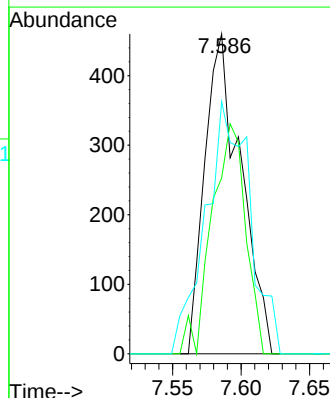
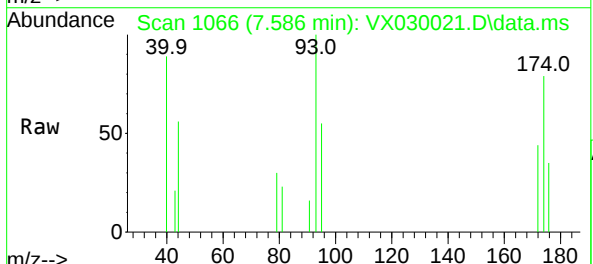
Tgt Ion: 93 Resp: 840

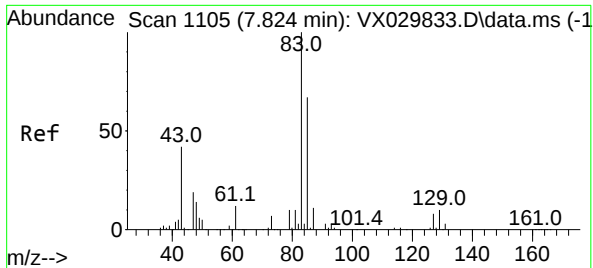
Ion Ratio Lower Upper

93 100

95 67.3 67.4 101.0#

174 96.3 75.6 113.4





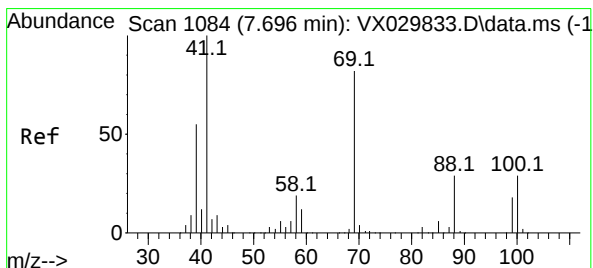
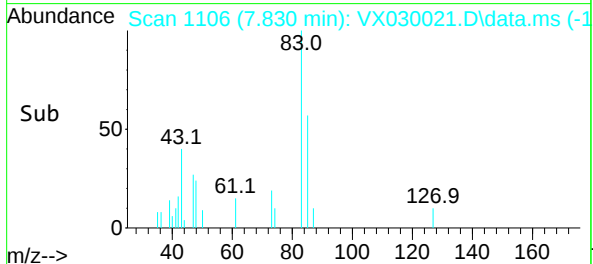
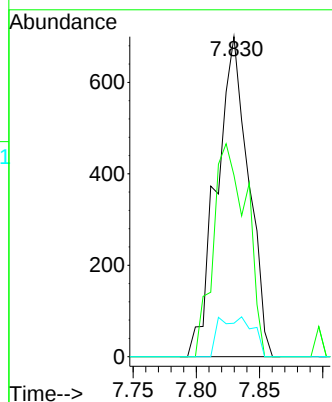
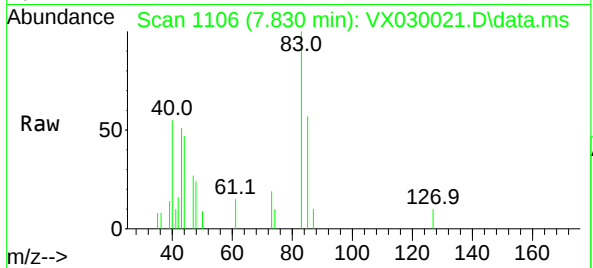
#47
Bromodichloromethane
Concen: 0.376 ug/l
RT: 7.830 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 83 Resp: 1229
Ion Ratio Lower Upper
83 100
85 56.7 53.5 80.3
127 10.4 6.6 10.0

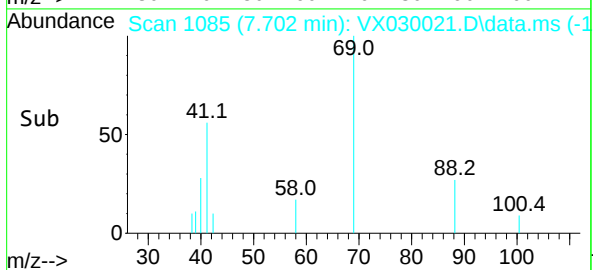
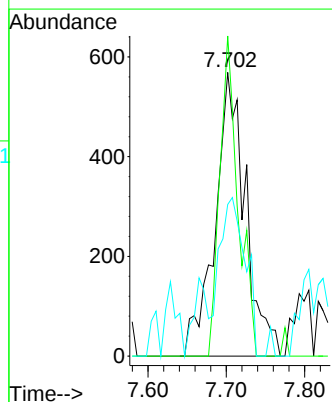
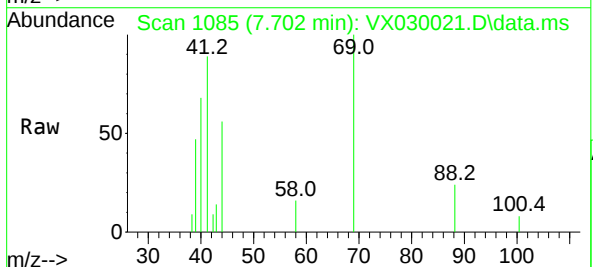
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#48
Methyl methacrylate
Concen: 0.538 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

Tgt Ion: 41 Resp: 1534
Ion Ratio Lower Upper
41 100
69 68.6 68.8 103.2#
39 48.0 44.6 66.8





#49

1,4-Dioxane

Concen: 7.540 ug/l

RT: 7.683 min Scan# 1082

Delta R.T. 0.000 min

Lab File: VX030021.D

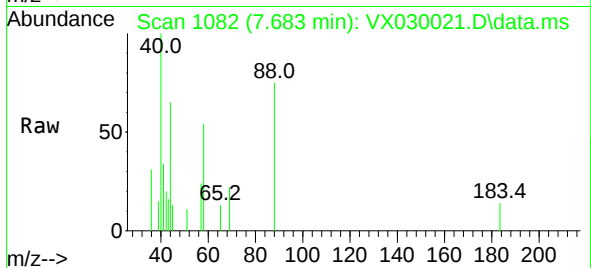
Acq: 12 Jul 2022 15:54

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



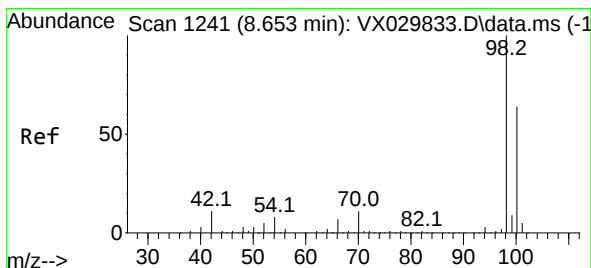
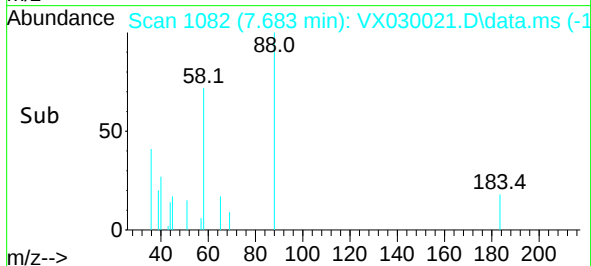
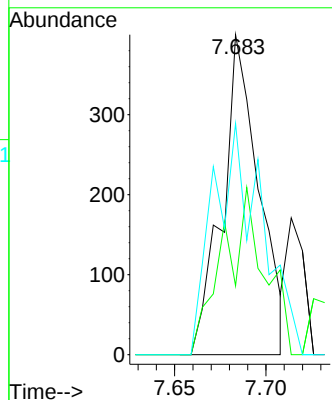
Tgt Ion: 88	Resp: 559
Ion Ratio	Lower Upper
88	100
43	58.7 23.8 35.8
58	95.0 53.8 80.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#50

Toluene-d8

Concen: 50.173 ug/l

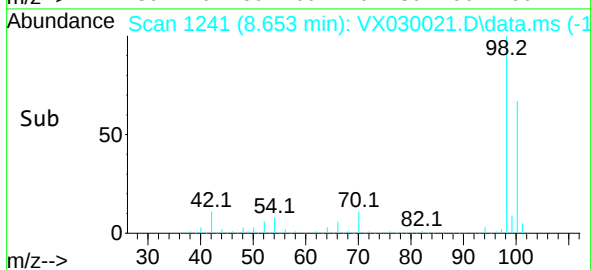
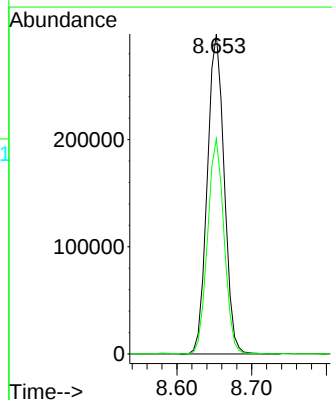
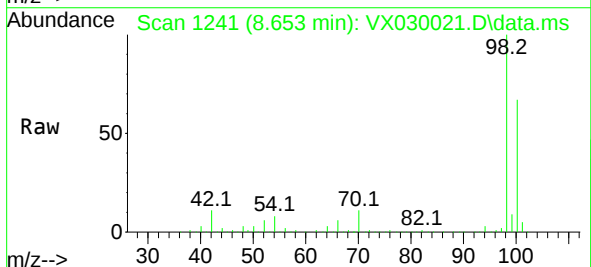
RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX030021.D

Acq: 12 Jul 2022 15:54

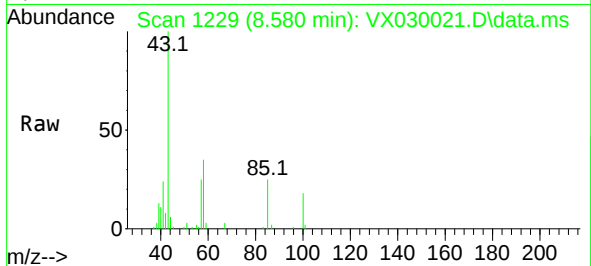
Tgt Ion: 98	Resp: 467595
Ion Ratio	Lower Upper
98	100
100	65.6 52.3 78.5





#51
4-Methyl-2-Pentanone
Concen: 2.075 ug/l
RT: 8.580 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

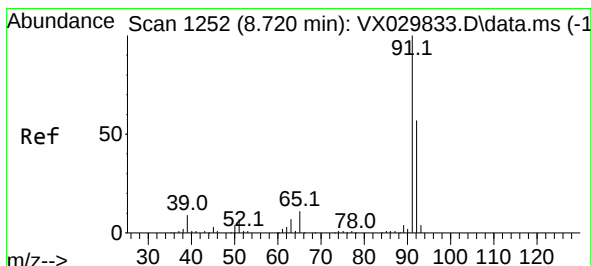
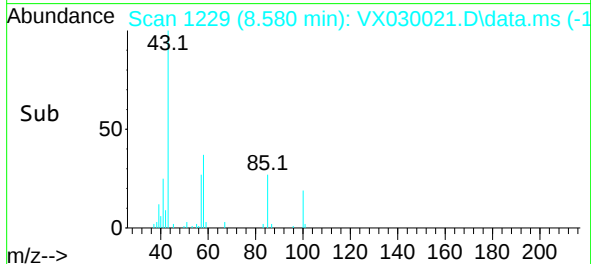
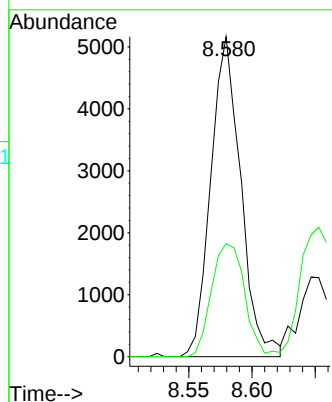
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 43 Resp: 8494
Ion Ratio Lower Upper
43 100
58 39.5 31.4 47.2

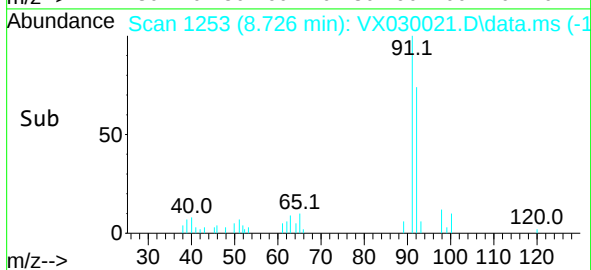
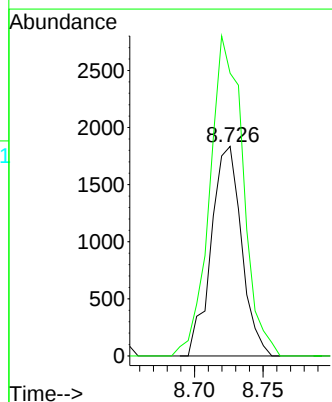
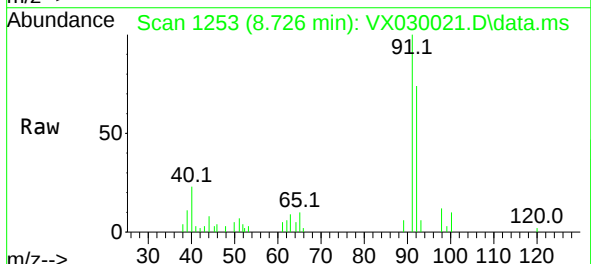
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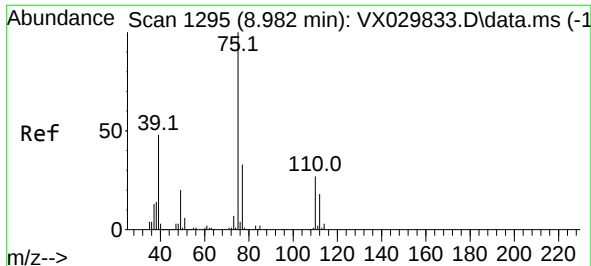
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#52
Toluene
Concen: 0.441 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

Tgt Ion: 92 Resp: 2820
Ion Ratio Lower Upper
92 100
91 167.9 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 0.483 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VX030021.D

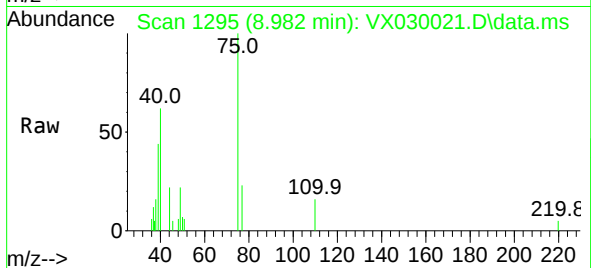
Acq: 12 Jul 2022 15:54

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 75 Resp: 1640

Ion Ratio Lower Upper

75 100

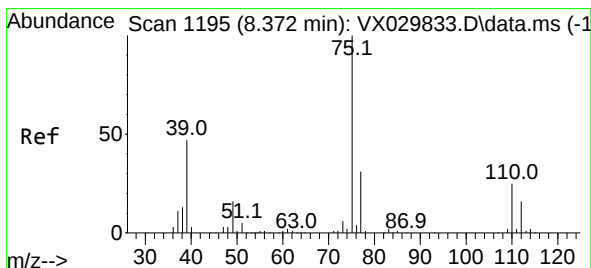
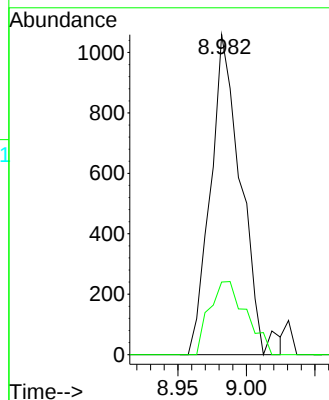
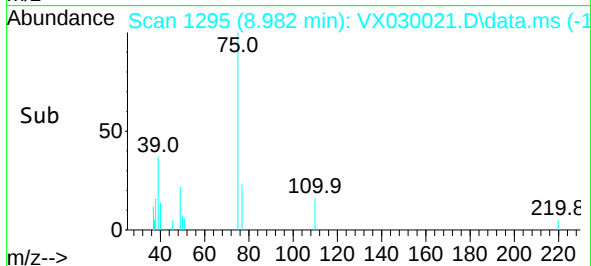
77 22.7 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#54

cis-1,3-Dichloropropene

Concen: 0.450 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX030021.D

Acq: 12 Jul 2022 15:54

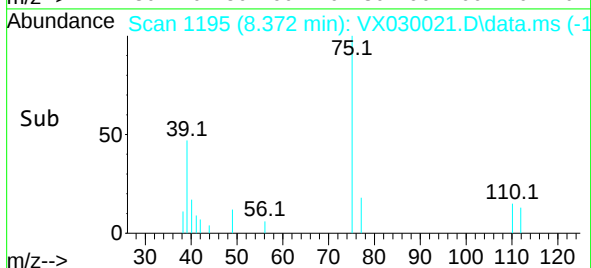
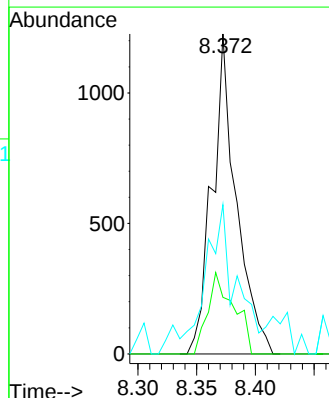
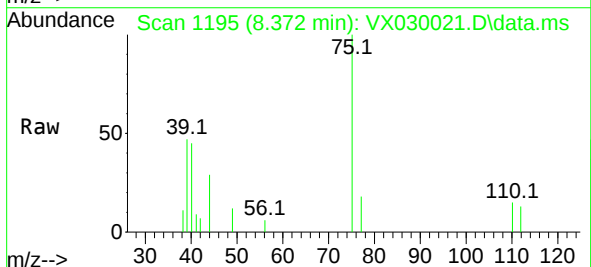
Tgt Ion: 75 Resp: 1752

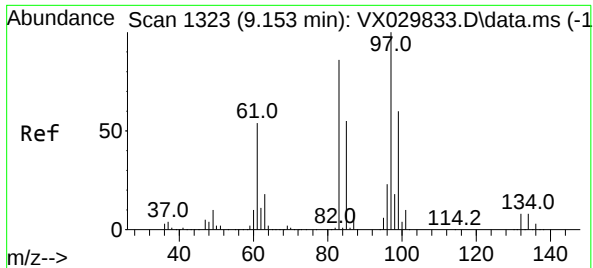
Ion Ratio Lower Upper

75 100

77 17.7 25.0 37.4

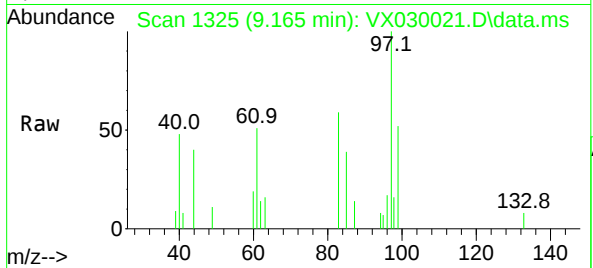
39 41.9 37.5 56.3





#55
1,1,2-Trichloroethane
Concen: 0.413 ug/l
RT: 9.165 min Scan# 1325
Delta R.T. 0.012 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

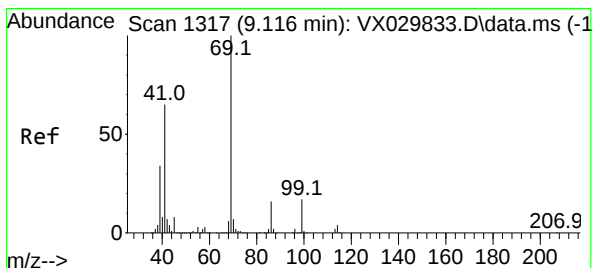
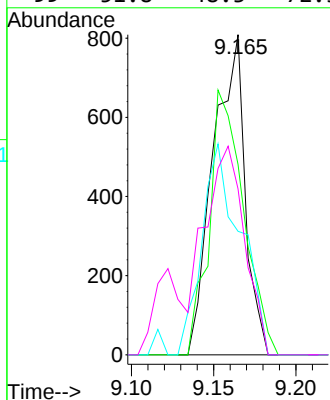
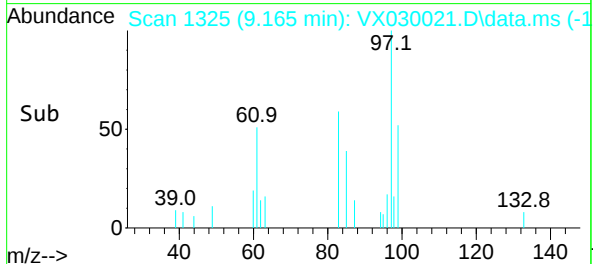
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



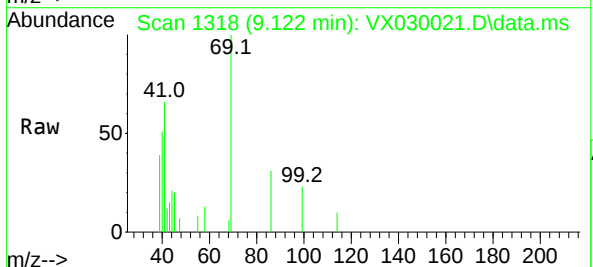
Tgt Ion	Ratio	Lower	Upper
97	100		
83	59.5	68.9	103.3
85	38.6	44.0	66.0
99	51.8	48.3	72.5

Manual Integrations
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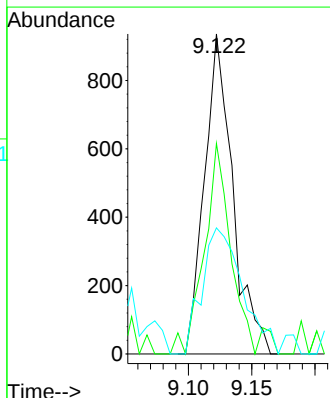
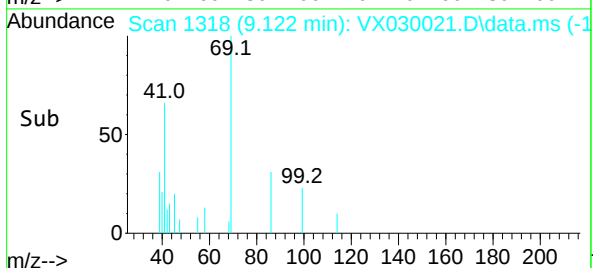
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#56
Ethyl methacrylate
Concen: 0.367 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54



Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.9	52.3	78.5
39	56.4	28.2	42.4





#57

1,3-Dichloropropane

Concen: 0.430 ug/l

RT: 9.317 min Scan# 1175

Delta R.T. 0.006 min

Lab File: VX030021.D

Acq: 12 Jul 2022 15:54

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 76 Resp: 180

Ion Ratio Lower Upper

76 100

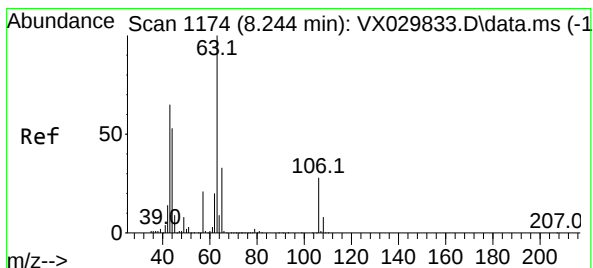
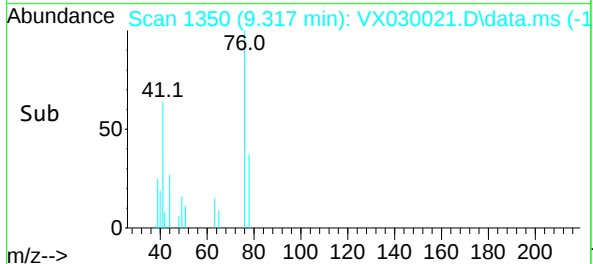
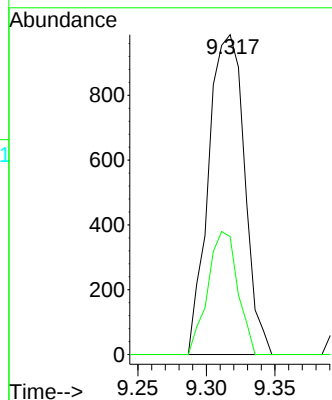
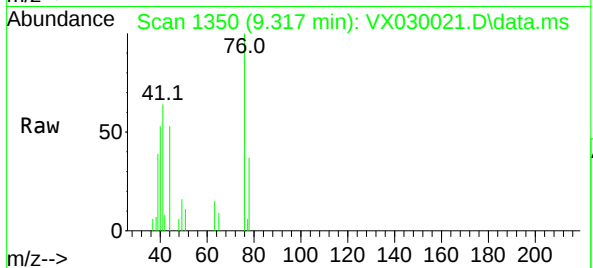
78 31.9 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#58

2-Chloroethyl Vinyl ether

Concen: 1.875 ug/l

RT: 8.250 min Scan# 1175

Delta R.T. 0.006 min

Lab File: VX030021.D

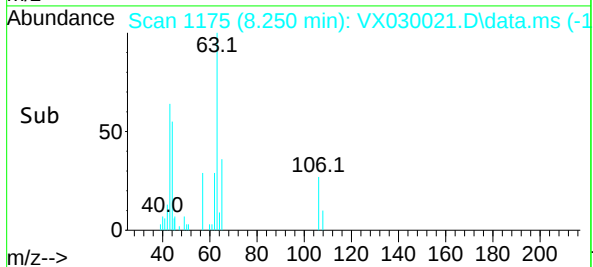
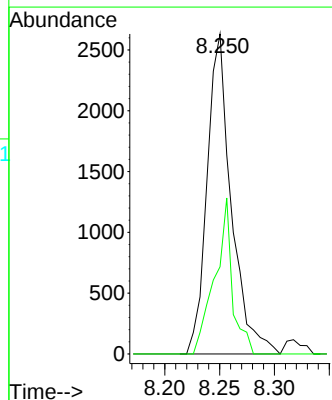
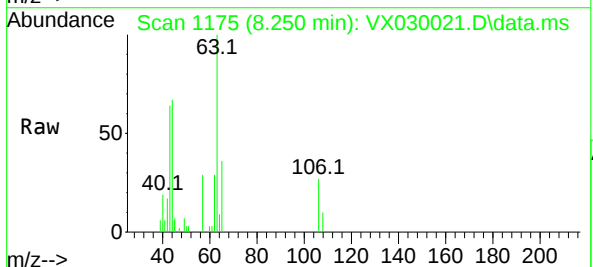
Acq: 12 Jul 2022 15:54

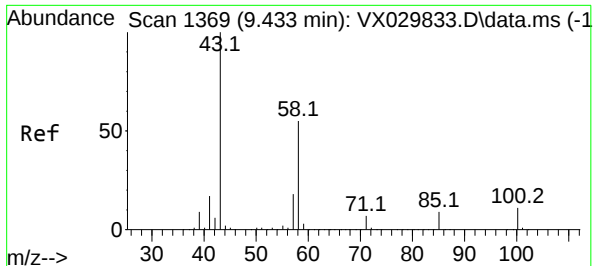
Tgt Ion: 63 Resp: 4038

Ion Ratio Lower Upper

63 100

106 35.3 22.2 33.2#





#59

2-Hexanone

Concen: 2.135 ug/l

RT: 9.439 min Scan# 1370

Delta R.T. 0.006 min

Lab File: VX030021.D

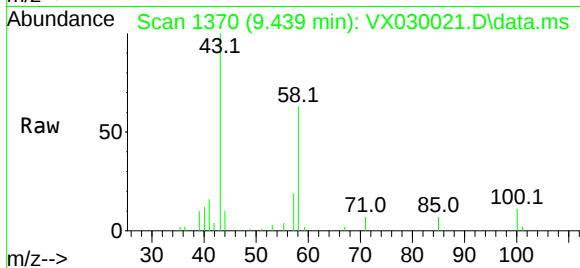
Acq: 12 Jul 2022 15:54

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 43 Resp: 6700

Ion Ratio Lower Upper

43 100

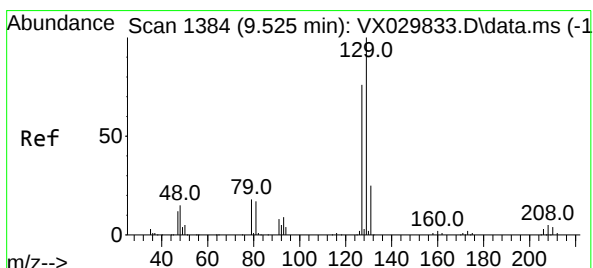
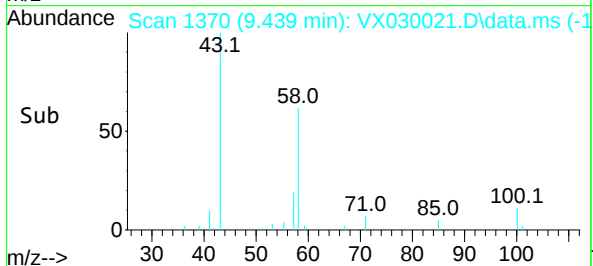
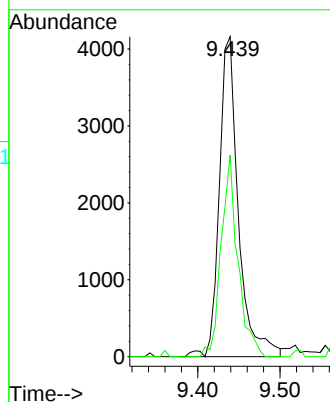
58 55.3 27.6 82.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#60

Dibromochloromethane

Concen: 0.405 ug/l

RT: 9.524 min Scan# 1384

Delta R.T. -0.001 min

Lab File: VX030021.D

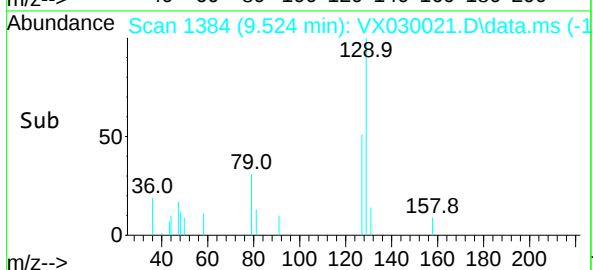
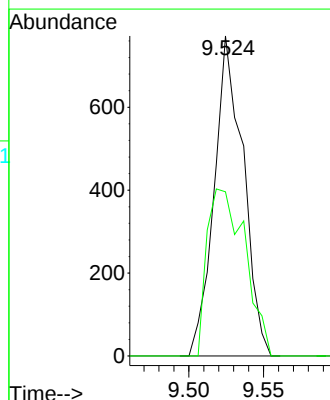
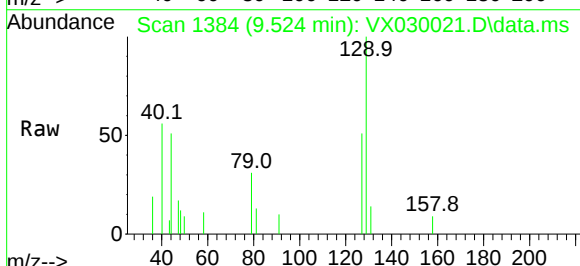
Acq: 12 Jul 2022 15:54

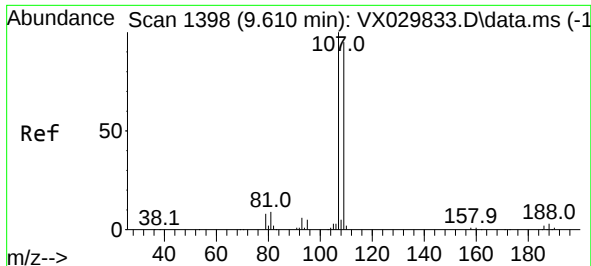
Tgt Ion:129 Resp: 1040

Ion Ratio Lower Upper

129 100

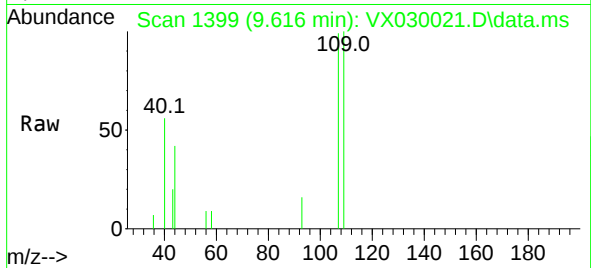
127 68.5 38.5 115.5





#61
1,2-Dibromoethane
Concen: 0.400 ug/l
RT: 9.616 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

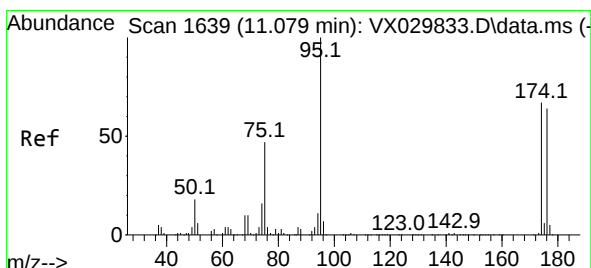
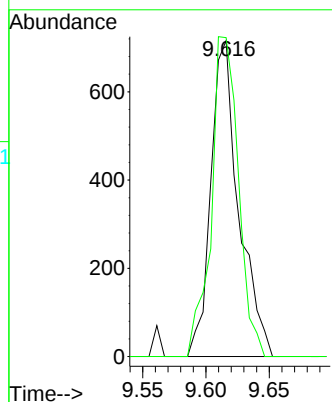
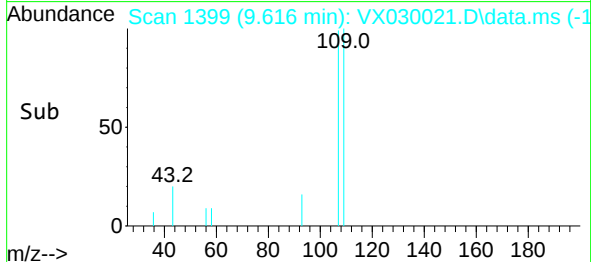
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



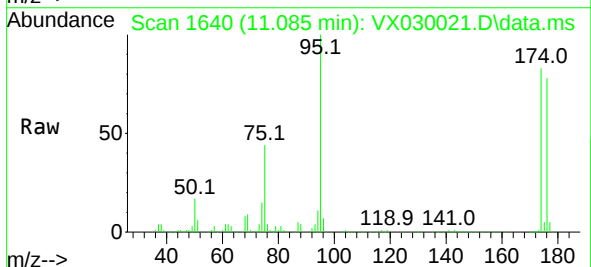
Tgt Ion:107 Resp: 1099
Ion Ratio Lower Upper
107 100
109 98.4 76.6 114.8

Manual Integrations
APPROVED

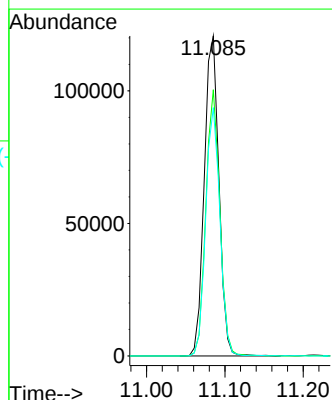
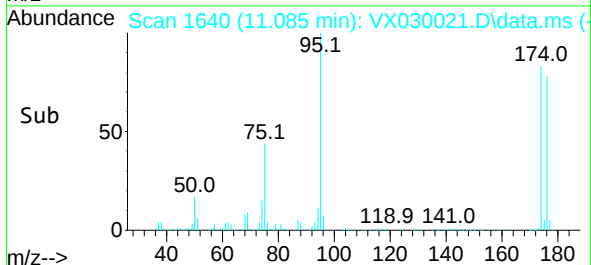
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#62
4-Bromofluorobenzene
Concen: 48.350 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54



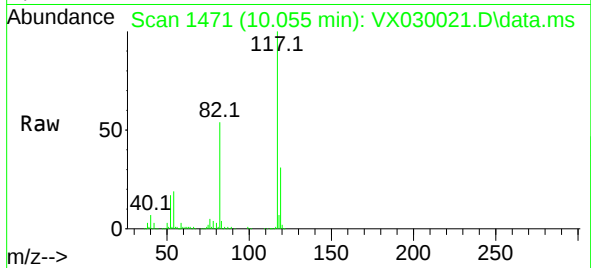
Tgt Ion: 95 Resp: 156373
Ion Ratio Lower Upper
95 100
174 79.5 0.0 149.0
176 75.2 0.0 146.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

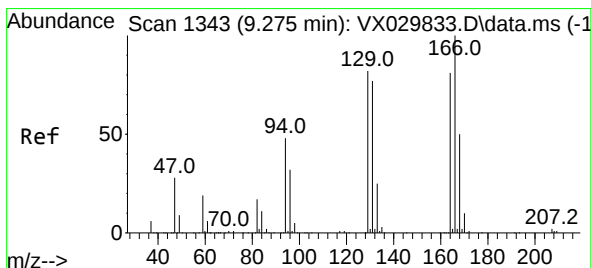
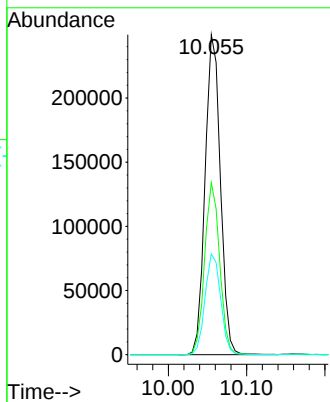
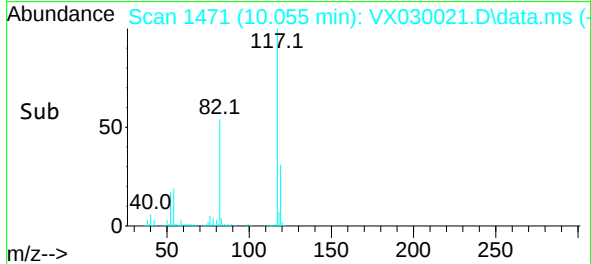
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



Tgt Ion:117 Resp: 337619
Ion Ratio Lower Upper
117 100
82 53.7 42.7 64.1
119 31.5 25.4 38.2

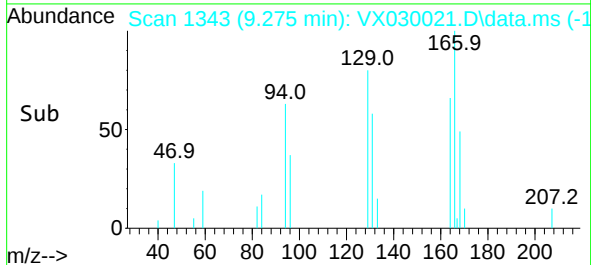
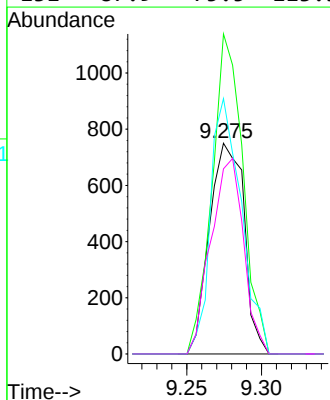
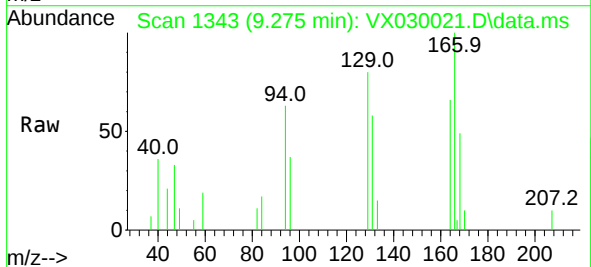
Manual Integrations
APPROVED

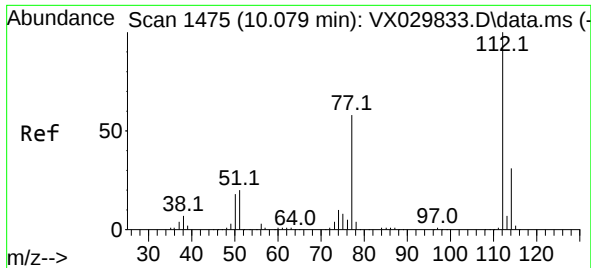
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#64
Tetrachloroethene
Concen: 0.444 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

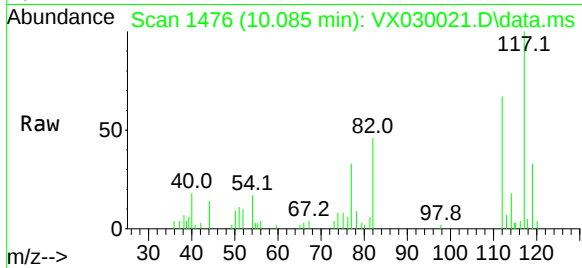
Tgt Ion:164 Resp: 1204
Ion Ratio Lower Upper
164 100
166 151.9 98.2 147.4#
129 121.2 80.8 121.2
131 87.9 75.5 113.3





#65
Chlorobenzene
Concen: 0.407 ug/l
RT: 10.085 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

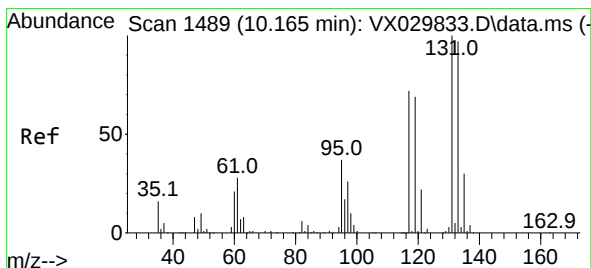
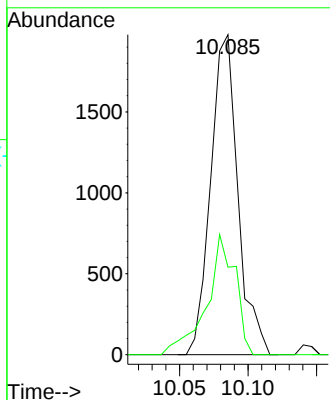
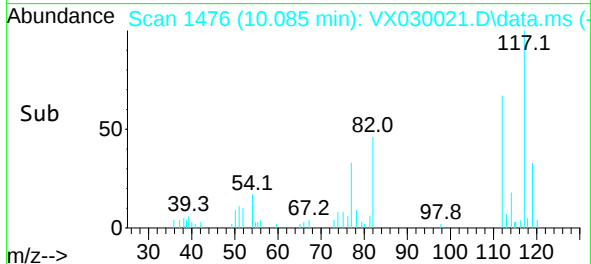
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



Tgt Ion:112 Resp: 273
Ion Ratio Lower Upper
112 100
114 27.4 24.6 36.8

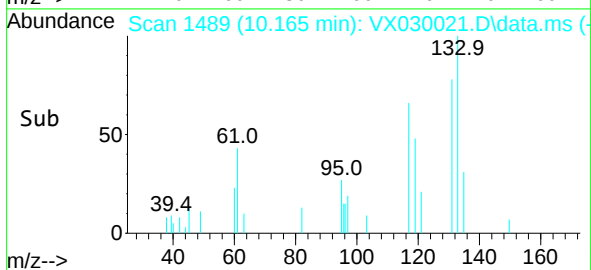
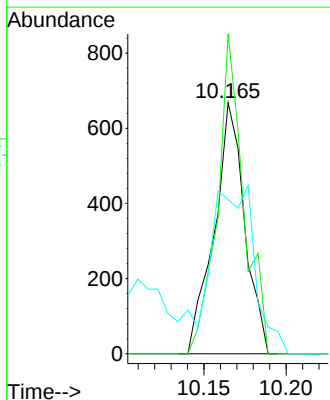
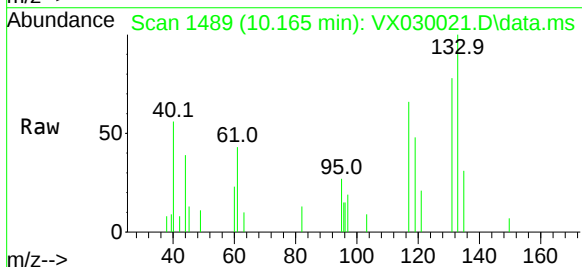
Manual Integrations
APPROVED

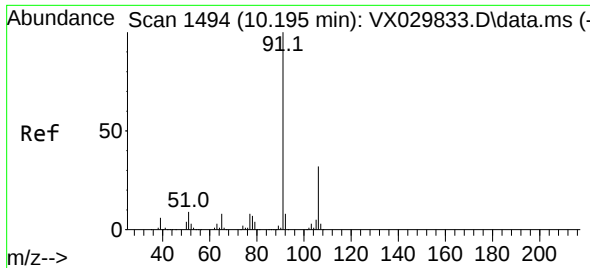
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 0.374 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

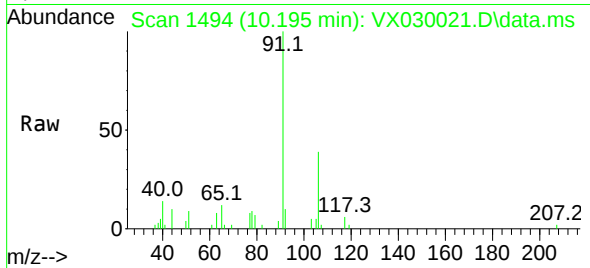
Tgt Ion:131 Resp: 857
Ion Ratio Lower Upper
131 100
133 109.9 46.9 140.8
119 0.0 34.4 103.1#





#67
Ethyl Benzene
Concen: 0.431 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

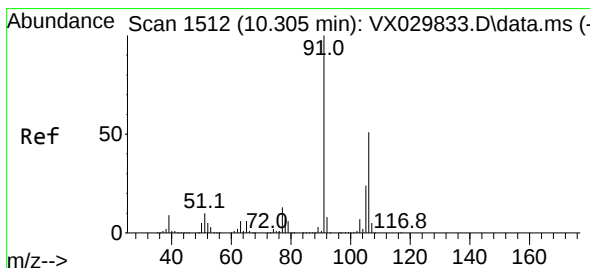
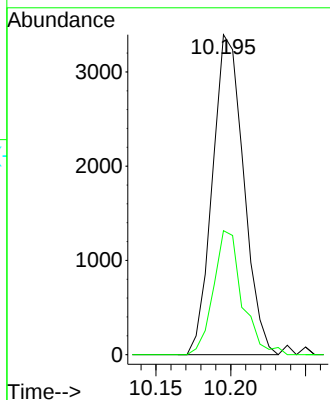
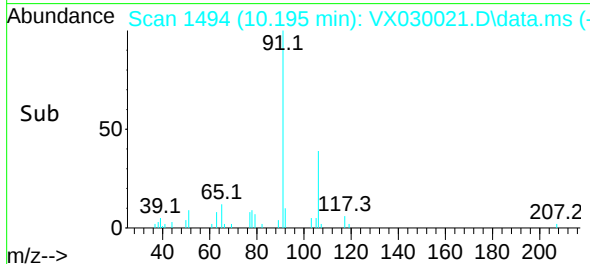
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



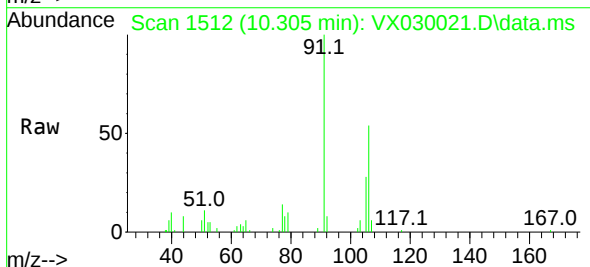
Tgt Ion: 91 Resp: 4910
Ion Ratio Lower Upper
91 100
106 38.8 25.5 38.3

Manual Integrations
APPROVED

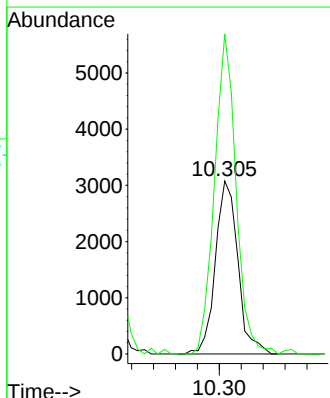
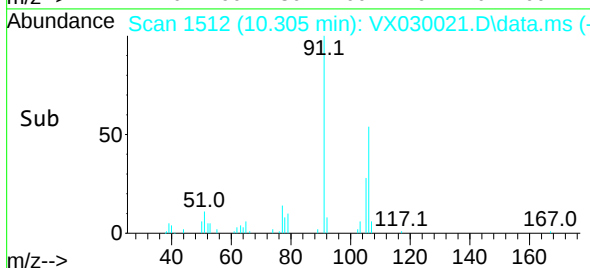
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#68
m/p-Xylenes
Concen: 0.982 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54



Tgt Ion:106 Resp: 4387
Ion Ratio Lower Upper
106 100
91 177.5 158.2 237.4





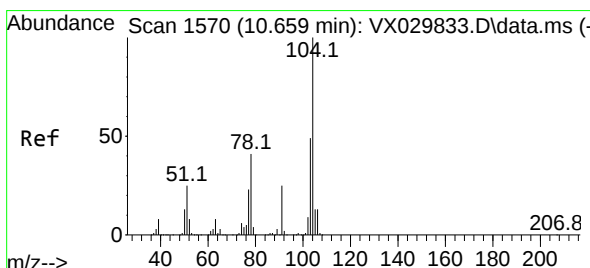
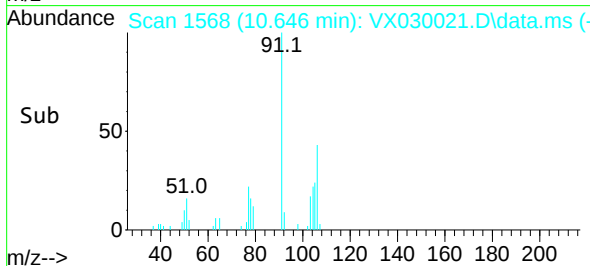
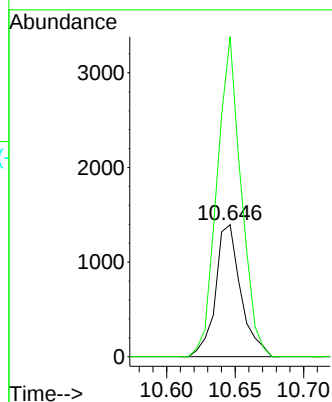
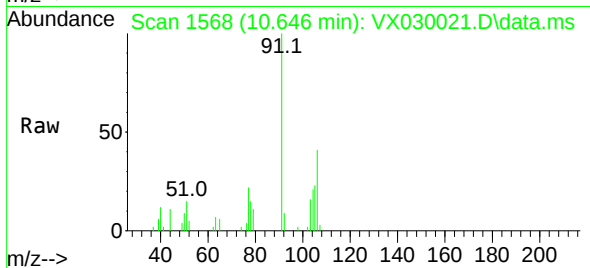
#69
o-Xylene
Concen: 0.399 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022

Tgt Ion:106 Resp: 178
Ion Ratio Lower Upper
106 100
91 231.3 103.8 311.6

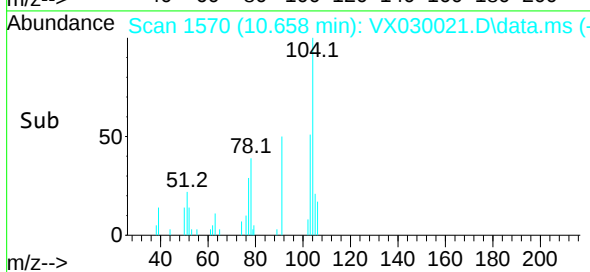
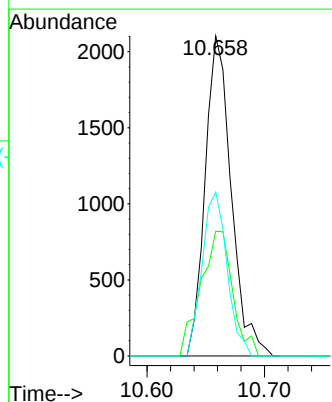
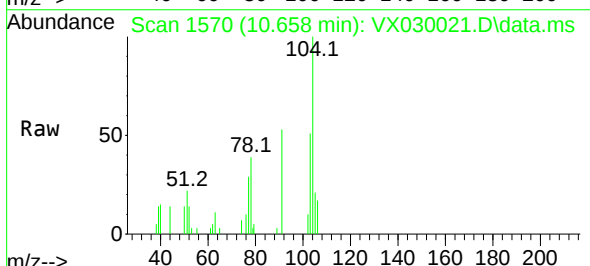
Manual Integrations
APPROVED

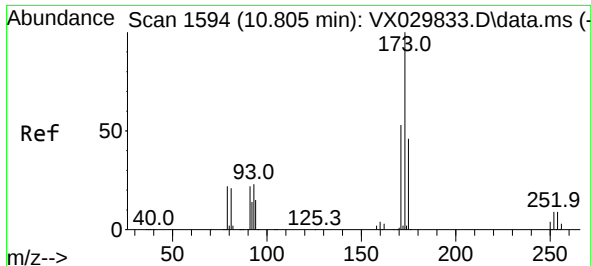
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#70
Styrene
Concen: 0.437 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. -0.001 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

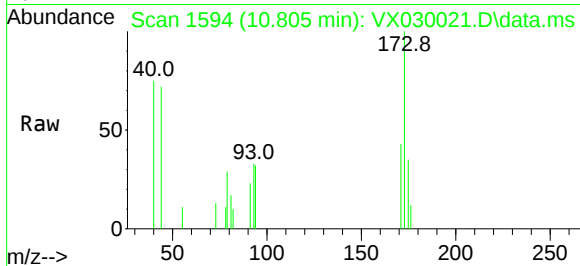
Tgt Ion:104 Resp: 3248
Ion Ratio Lower Upper
104 100
78 47.4 37.8 56.8
103 49.0 44.5 66.7





#71
Bromoform
Concen: 0.440 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. -0.000 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

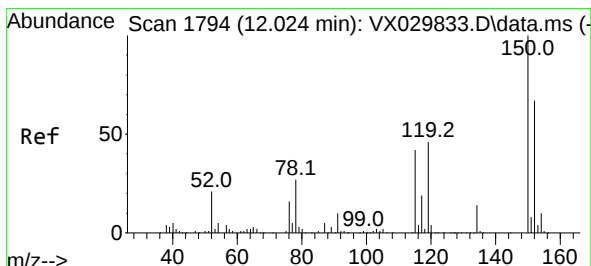
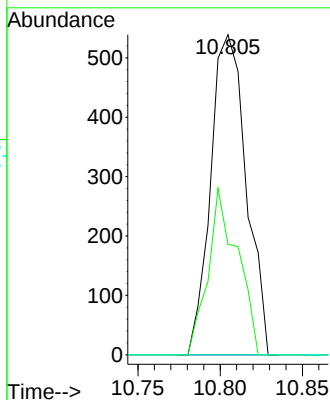
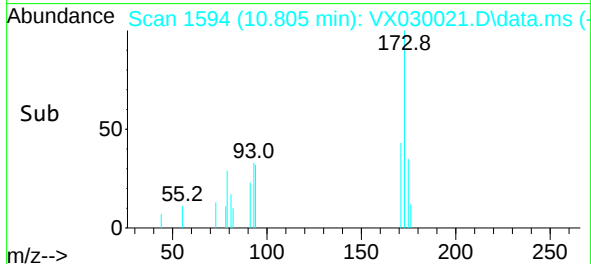
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion:173 Resp: 810
Ion Ratio Lower Upper
173 100
175 43.0 23.8 71.2
254 0.0 0.1 0.1

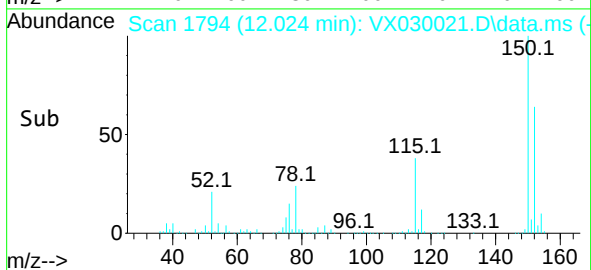
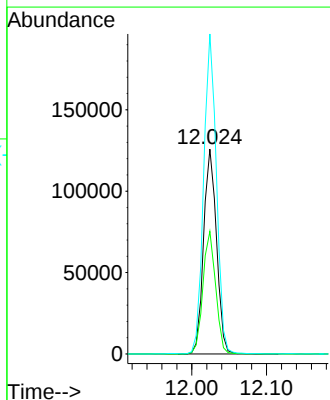
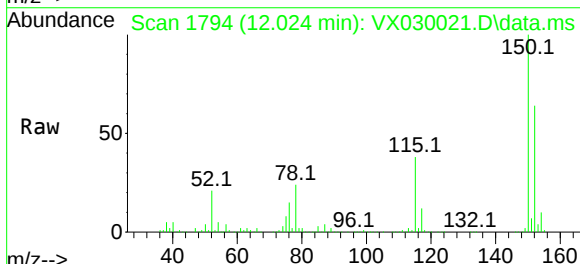
Manual Integrations
APPROVED

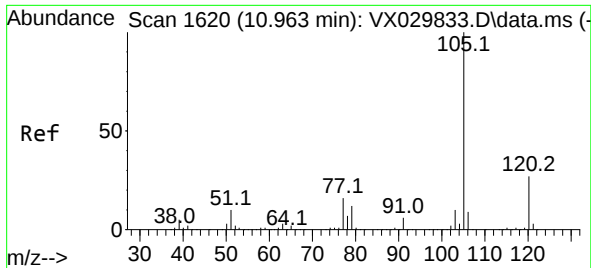
Reviewed By :John Carbone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

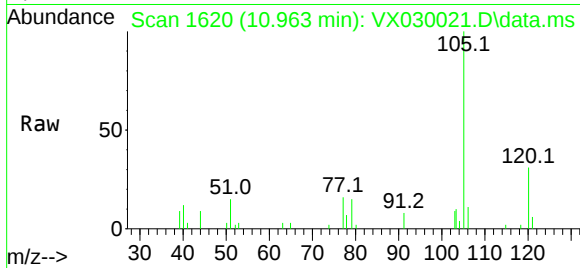
Tgt Ion:152 Resp: 151201
Ion Ratio Lower Upper
152 100
115 59.0 40.5 121.5
150 153.8 0.0 347.0





#73
Isopropylbenzene
Concen: 0.435 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

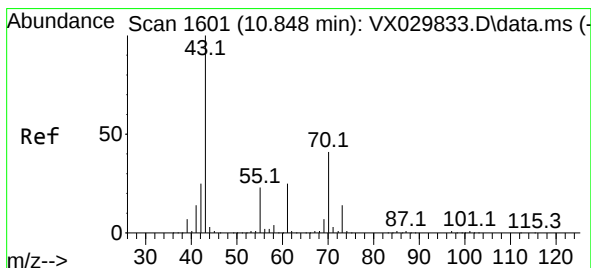
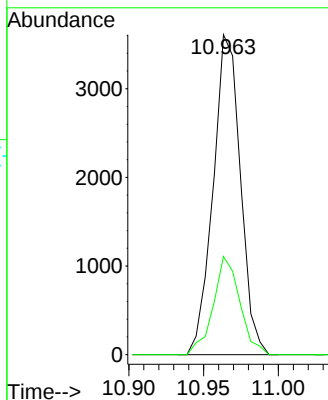
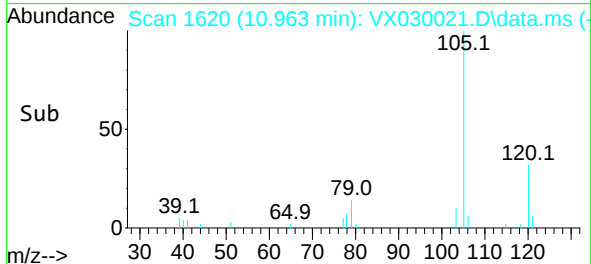
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



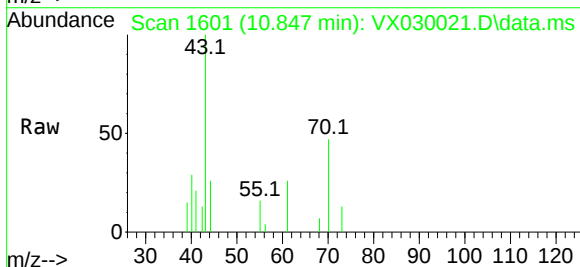
Tgt Ion:105 Resp: 457
Ion Ratio Lower Upper
105 100
120 30.0 13.5 40.4

Manual Integrations
APPROVED

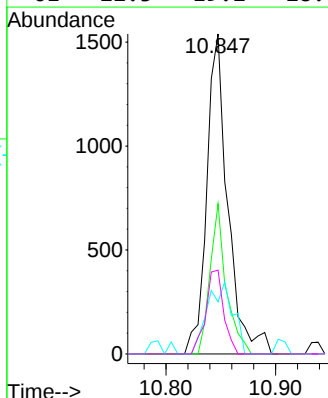
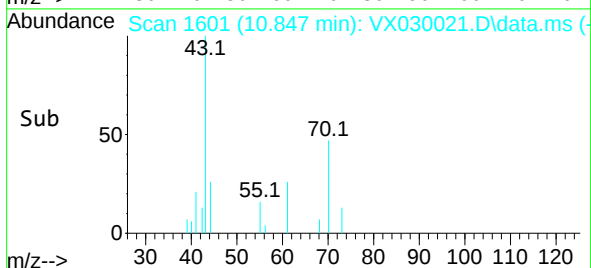
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

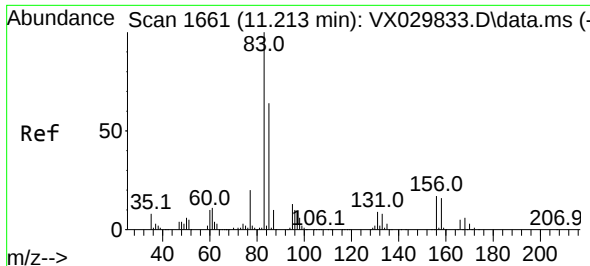


#74
N-ethyl acetate
Concen: 0.444 ug/l
RT: 10.847 min Scan# 1601
Delta R.T. -0.001 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54



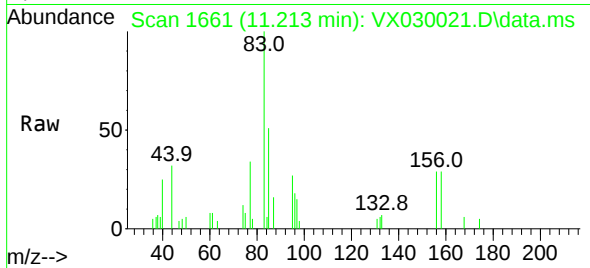
Tgt Ion: 43 Resp: 2055
Ion Ratio Lower Upper
43 100
70 36.0 32.3 48.5
55 27.3 18.4 27.6
61 22.3 19.2 28.8





#75
1,1,2,2-Tetrachloroethane
Concen: 0.509 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

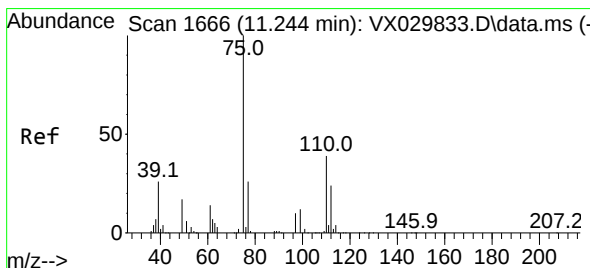
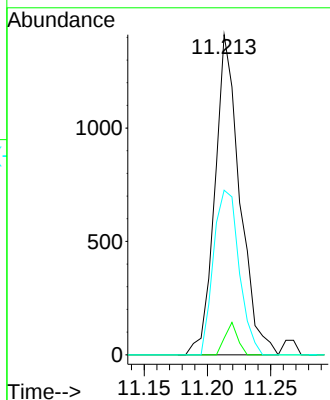
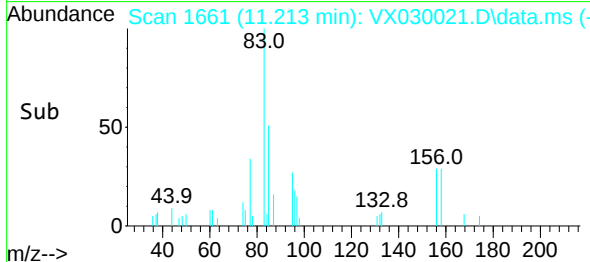
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



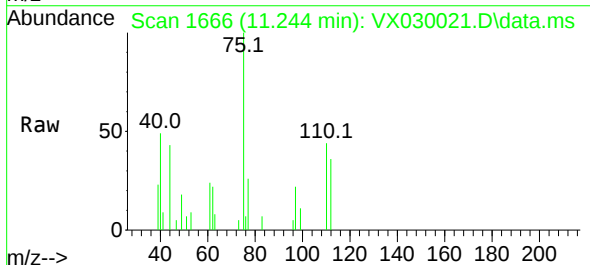
Tgt Ion: 83 Resp: 1932
Ion Ratio Lower Upper
83 100
131 5.1 4.5 13.7
85 52.7 32.5 97.5

Manual Integrations
APPROVED

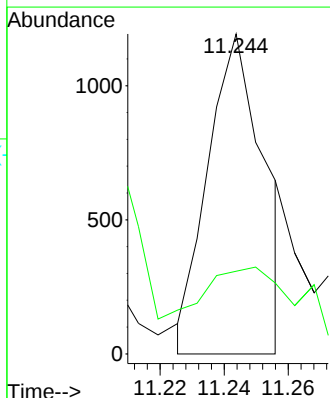
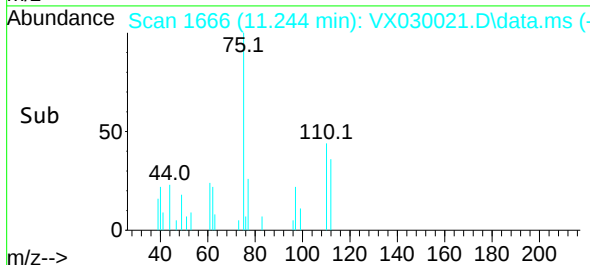
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

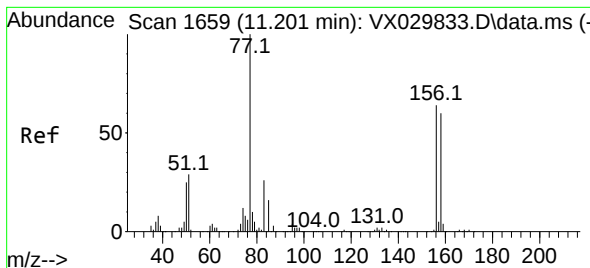


#76
1,2,3-Trichloropropane
Concen: 0.419 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54



Tgt Ion: 75 Resp: 1456
Ion Ratio Lower Upper
75 100
77 69.6 19.8 59.3#





#77

Bromobenzene

Concen: 0.424 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX030021.D

Acq: 12 Jul 2022 15:54

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

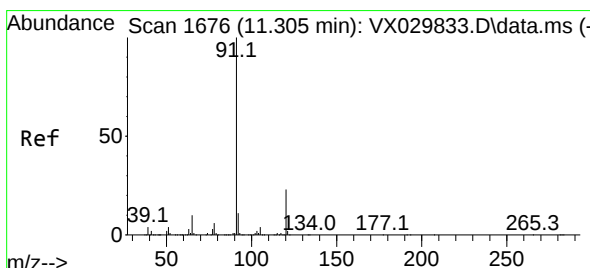
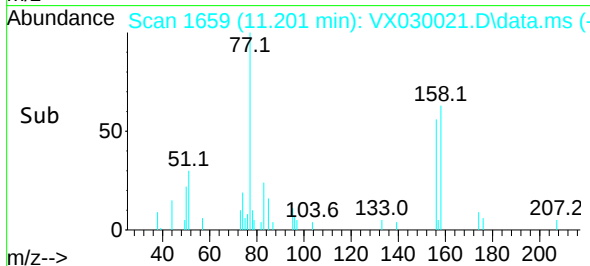
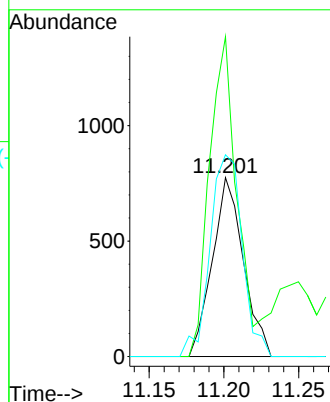
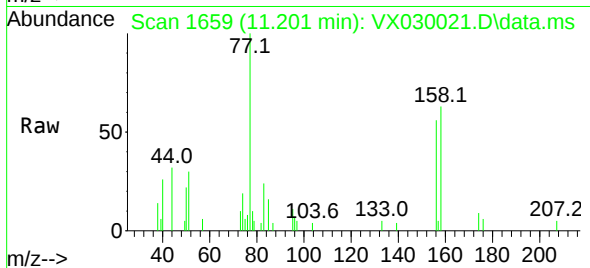
Tgt Ion:	156	Resp:	111
Ion Ratio	Lower	Upper	
156	100		
77	161.6	82.7	247.9
158	117.4	47.5	142.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#78

n-propylbenzene

Concen: 0.408 ug/l

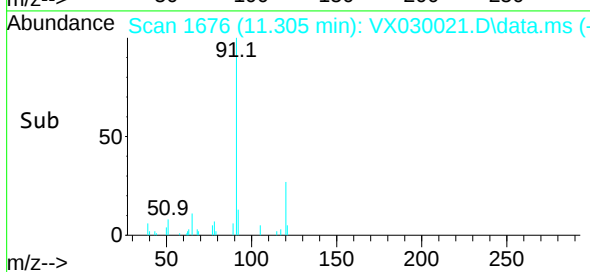
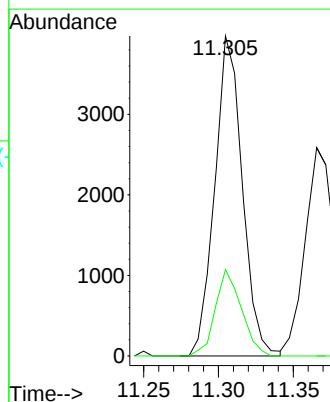
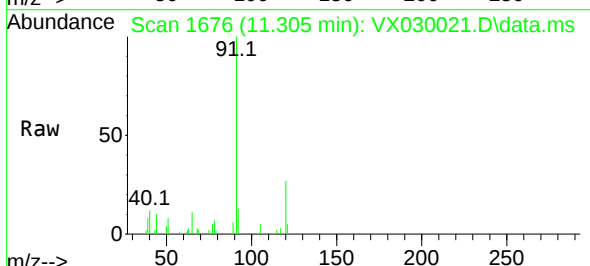
RT: 11.305 min Scan# 1676

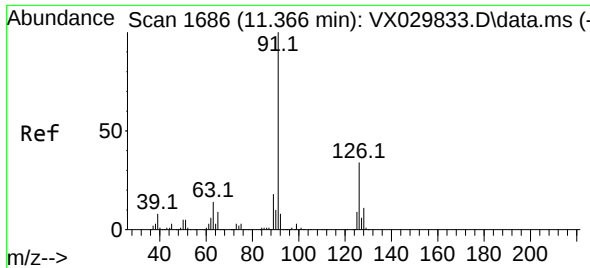
Delta R.T. -0.000 min

Lab File: VX030021.D

Acq: 12 Jul 2022 15:54

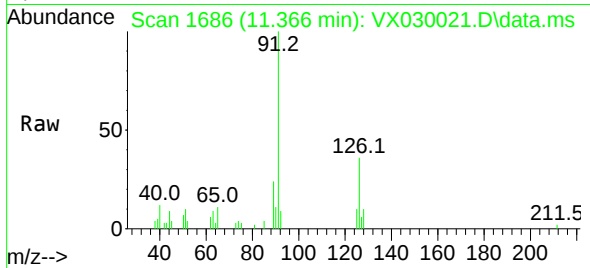
Tgt Ion:	91	Resp:	5093
Ion Ratio	Lower	Upper	
91	100		
120	25.5	11.6	34.8





#79
2-Chlorotoluene
Concen: 0.461 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

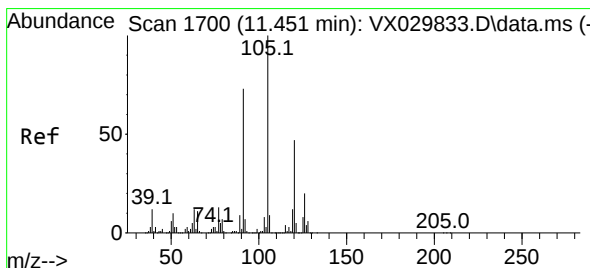
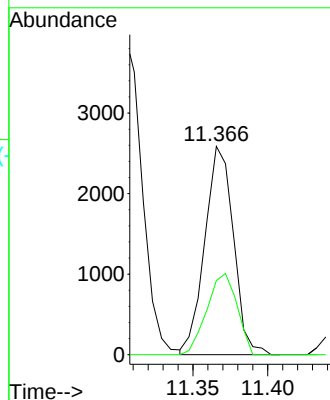
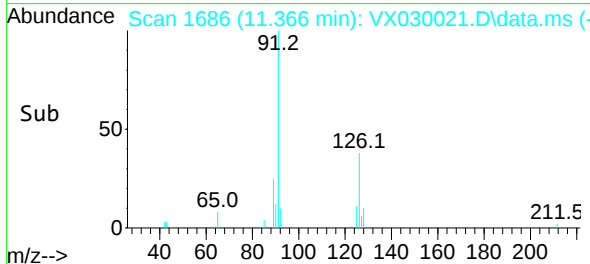
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 91 Resp: 3449
Ion Ratio Lower Upper
91 100
126 40.9 17.4 52.3

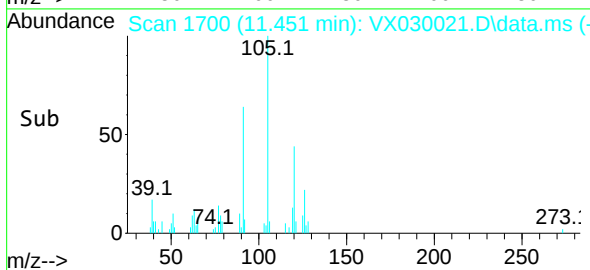
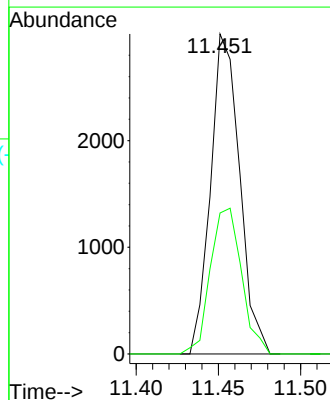
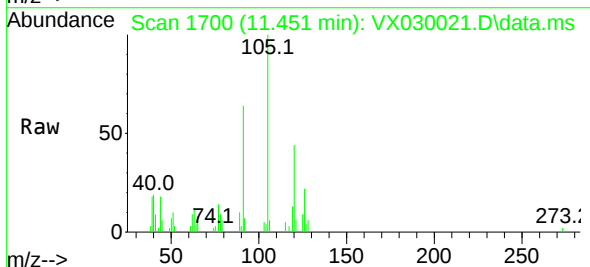
Manual Integrations
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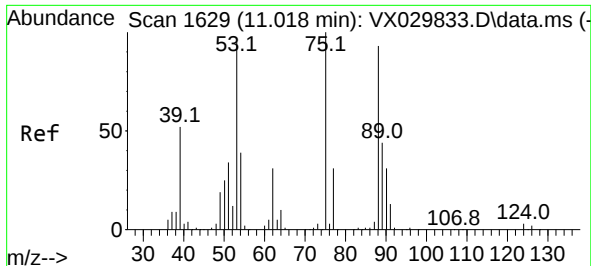
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#80
1,3,5-Trimethylbenzene
Concen: 0.415 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

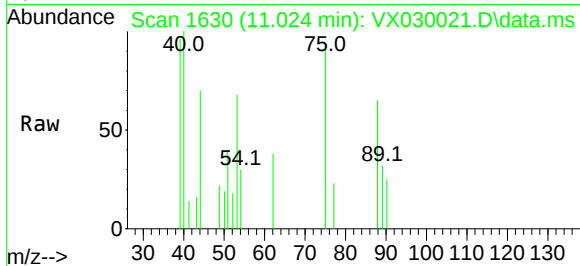
Tgt Ion:105 Resp: 3681
Ion Ratio Lower Upper
105 100
120 48.9 24.4 73.2





#81
trans-1,4-Dichloro-2-butene
Concen: 0.393 ug/l m
RT: 11.024 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

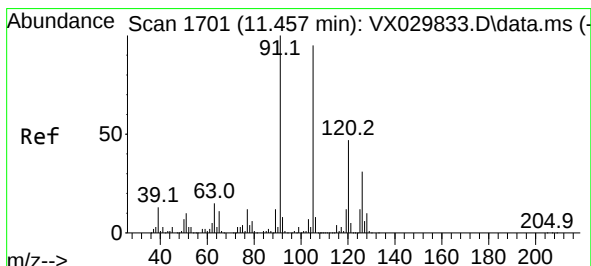
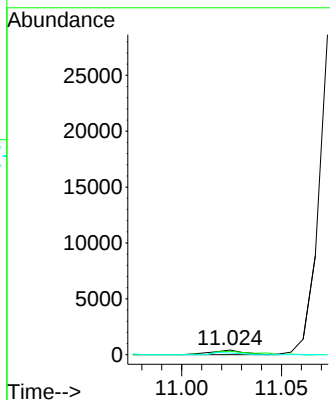
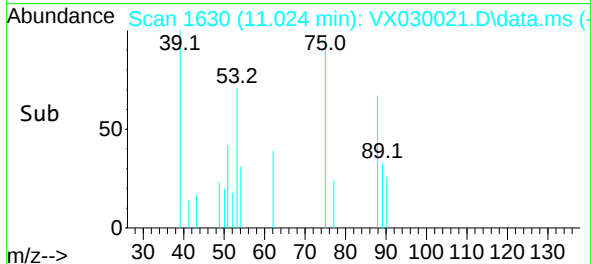
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 75 Resp: 4700
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4
89 4.9 34.8 52.2

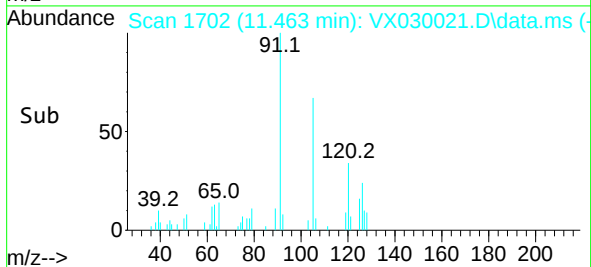
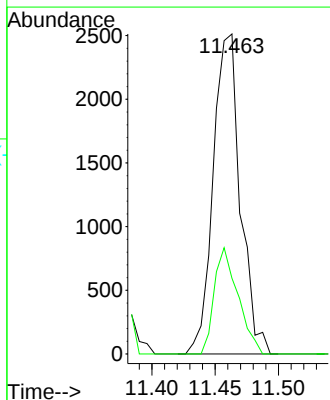
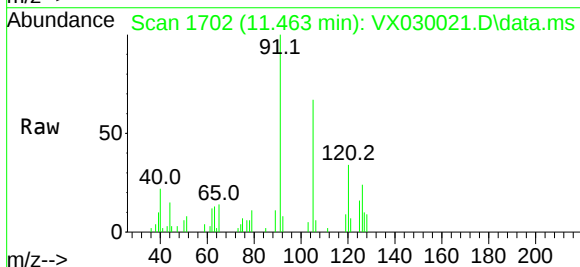
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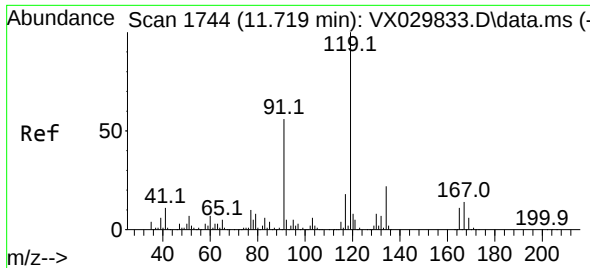
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#82
4-Chlorotoluene
Concen: 0.447 ug/l
RT: 11.463 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

Tgt Ion: 91 Resp: 3748
Ion Ratio Lower Upper
91 100
126 29.1 15.3 45.9





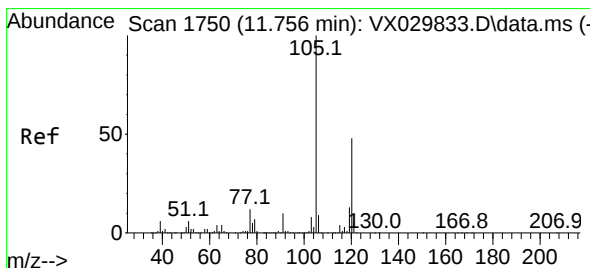
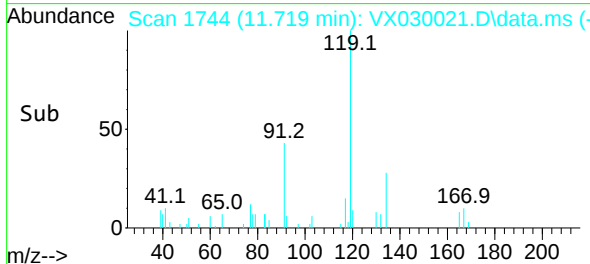
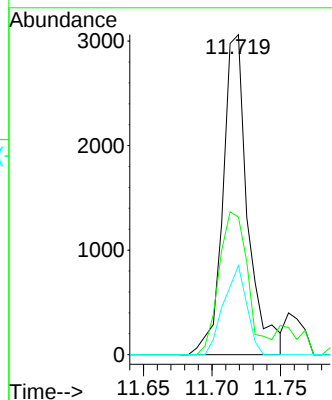
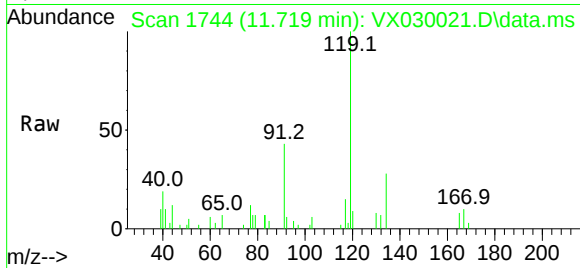
#83
tert-Butylbenzene
Concen: 0.454 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022

Tgt Ion:	119	Resp:	3864
Ion	Ratio	Lower	Upper
119	100		
91	52.5	28.3	84.9
134	25.6	11.2	33.5

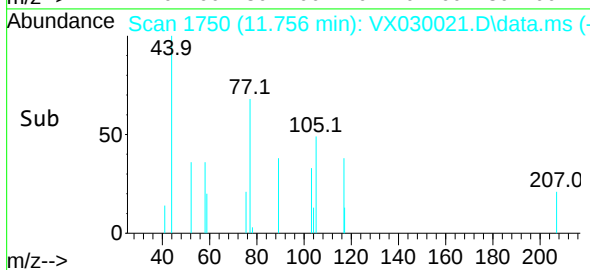
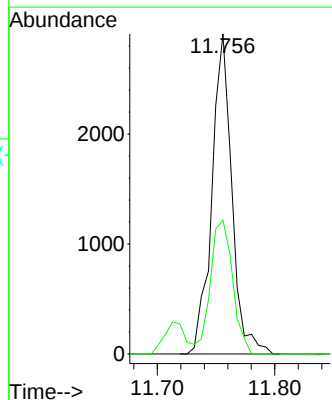
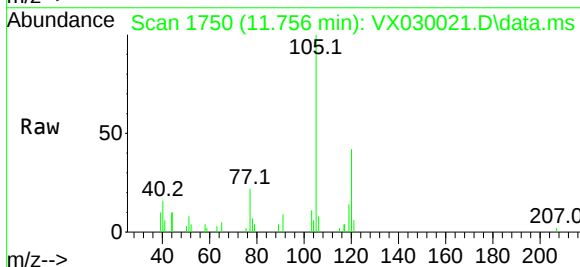
Manual Integrations
APPROVED

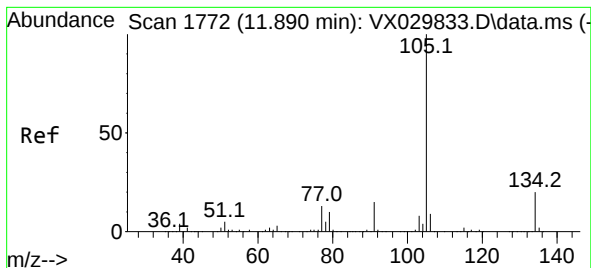
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#84
1,2,4-Trimethylbenzene
Concen: 0.394 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

Tgt Ion:	105	Resp:	3455
Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.9	68.8





#85

sec-Butylbenzene

Concen: 0.394 ug/l

RT: 11.896 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VX030021.D

Acq: 12 Jul 2022 15:54

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

Tgt Ion:105 Resp: 443

Ion Ratio Lower Upper

105 100

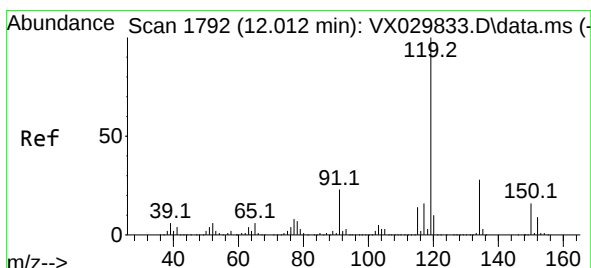
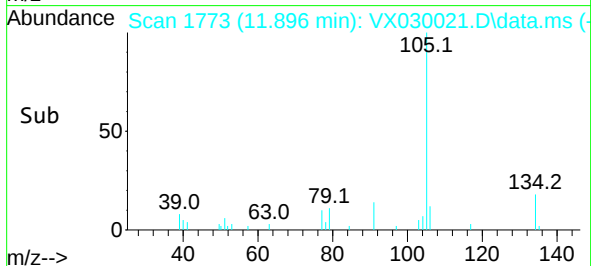
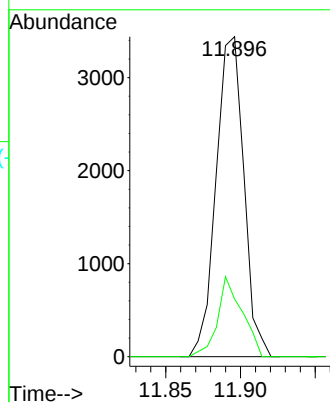
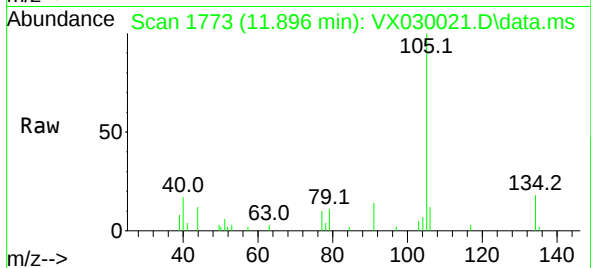
134 22.1 10.0 30.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#86

p-Isopropyltoluene

Concen: 0.404 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VX030021.D

Acq: 12 Jul 2022 15:54

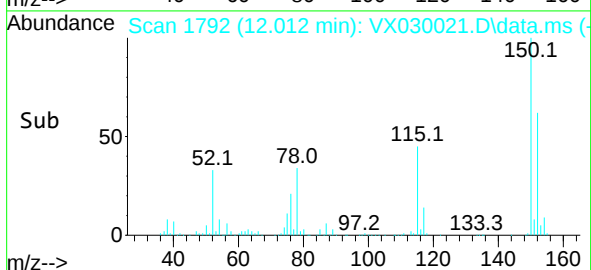
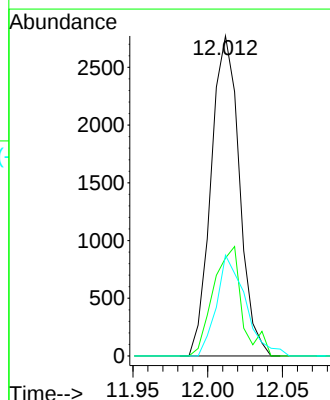
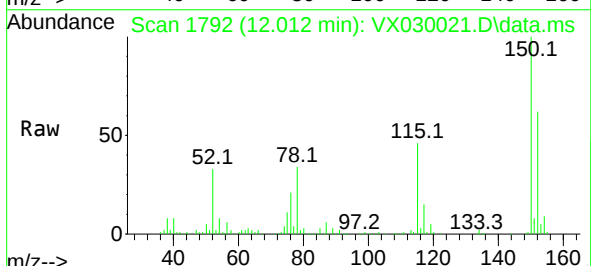
Tgt Ion:119 Resp: 3648

Ion Ratio Lower Upper

119 100

134 34.7 13.9 41.6

91 32.3 11.8 35.3





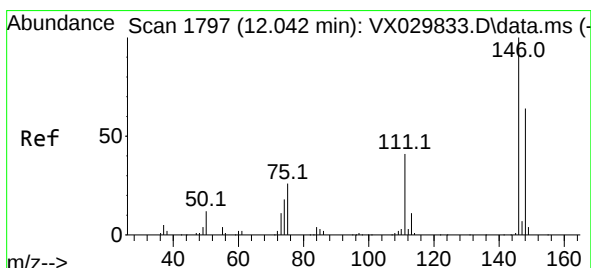
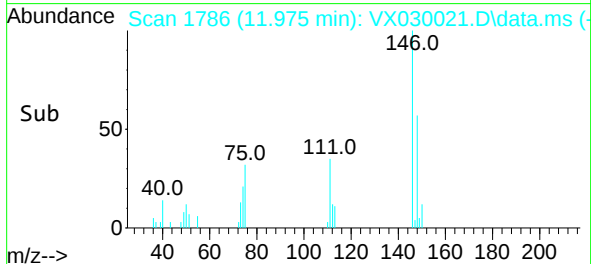
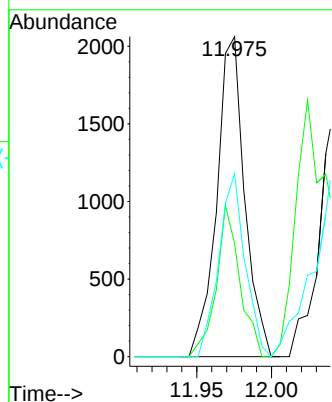
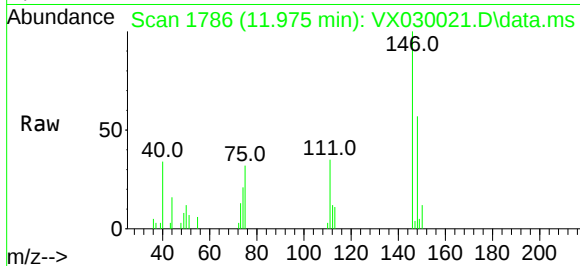
#87
 1,3-Dichlorobenzene
 Concen: 0.550 ug/l
 RT: 11.975 min Scan# 1785
 Delta R.T. 0.006 min
 Lab File: VX030021.D
 Acq: 12 Jul 2022 15:54

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022

Tgt Ion:146 Resp: 2679
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.3 60.8
 148 53.7 31.8 95.3

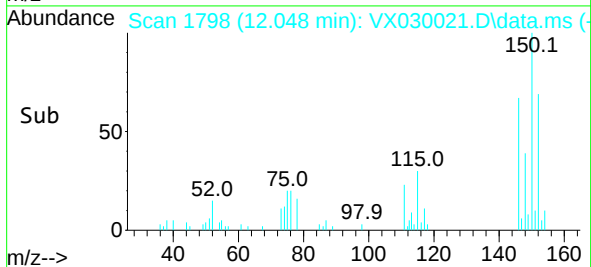
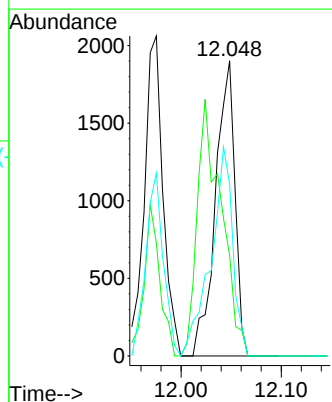
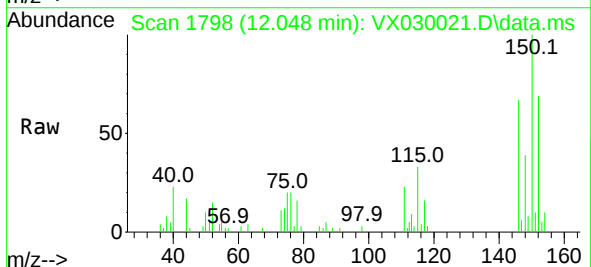
Manual Integrations
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Reviewed By :John Carlone 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022



#88
 1,4-Dichlorobenzene
 Concen: 0.514 ug/l m
 RT: 12.048 min Scan# 1798
 Delta R.T. 0.006 min
 Lab File: VX030021.D
 Acq: 12 Jul 2022 15:54

Tgt Ion:146 Resp: 2568
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.3 60.9
 148 56.0 32.3 96.8





#89

n-Butylbenzene

Concen: 0.405 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX030021.D

Acq: 12 Jul 2022 15:54

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

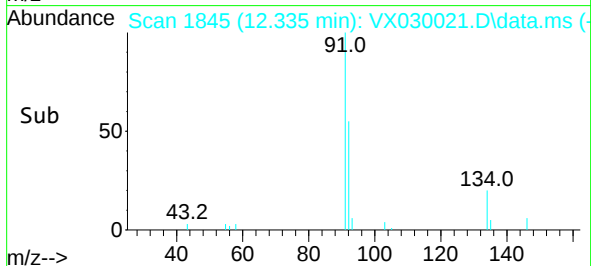
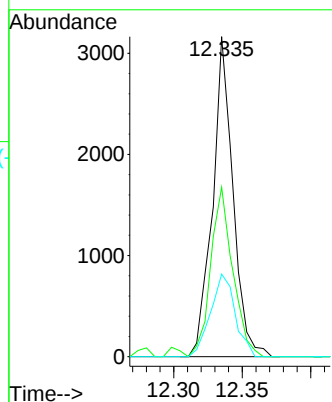
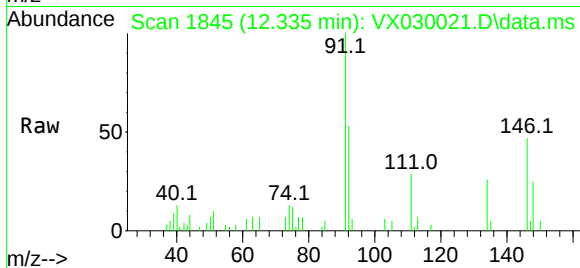
Tgt Ion: 91	Resp: 327
Ion Ratio	Lower Upper
91	100
92	56.9 26.2 78.5
134	31.0 12.6 37.8

Manual Integrations

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Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#90

Hexachloroethane

Concen: 0.457 ug/l

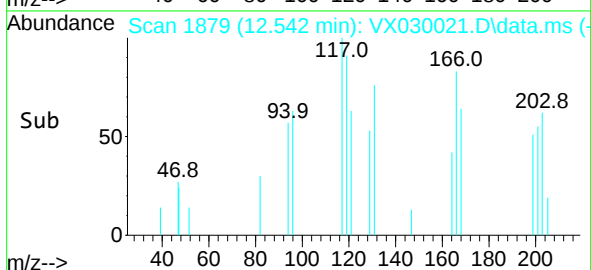
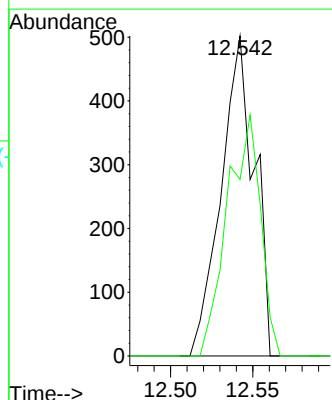
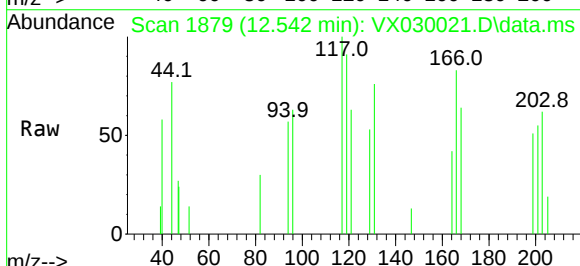
RT: 12.542 min Scan# 1879

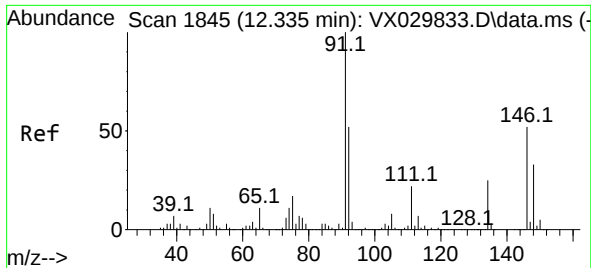
Delta R.T. 0.000 min

Lab File: VX030021.D

Acq: 12 Jul 2022 15:54

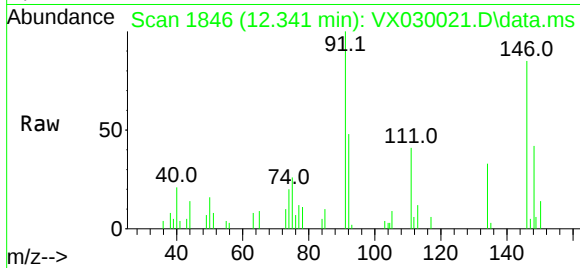
Tgt Ion: 117	Resp: 705
Ion Ratio	Lower Upper
117	100
201	75.2 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 0.444 ug/l
RT: 12.341 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

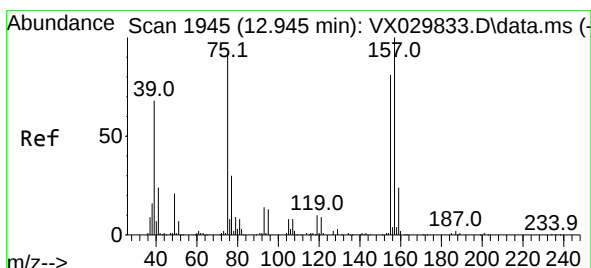
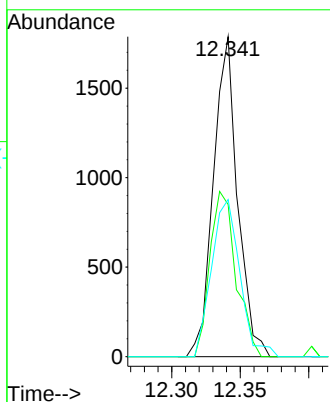
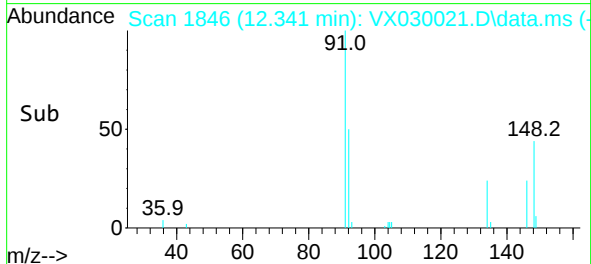
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



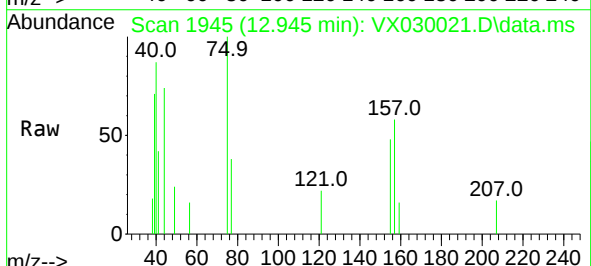
Tgt Ion:146 Resp: 219
Ion Ratio Lower Upper
146 100
111 55.9 20.7 62.1
148 57.4 32.0 96.2

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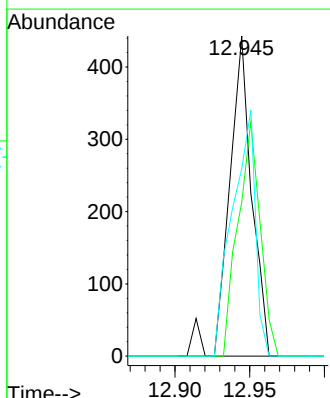
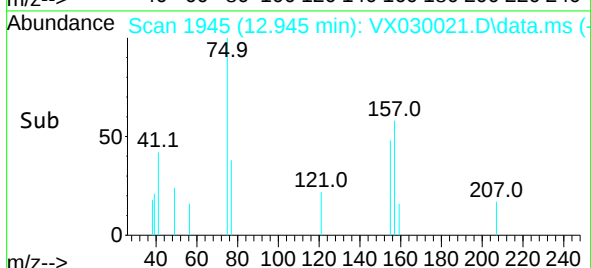
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.536 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54



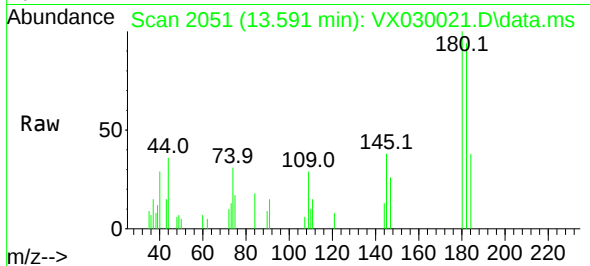
Tgt Ion: 75 Resp: 465
Ion Ratio Lower Upper
75 100
155 72.3 45.0 134.8
157 78.5 56.9 170.7





#93
1,2,4-Trichlorobenzene
Concen: 0.473 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

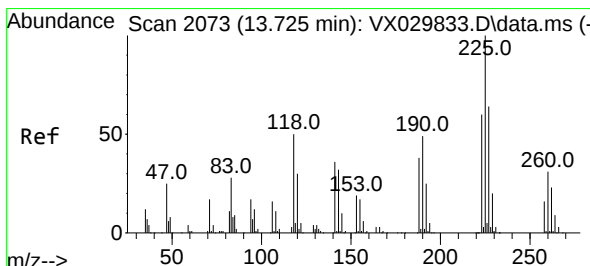
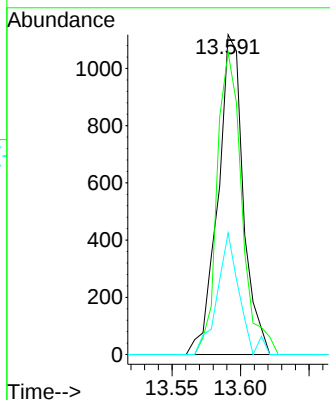
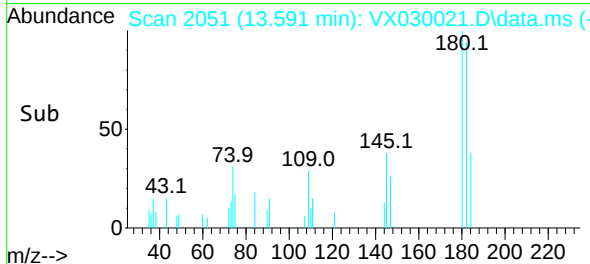
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



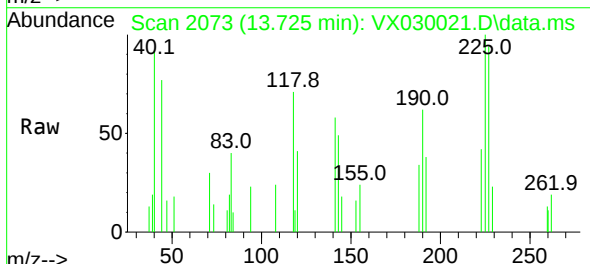
Tgt Ion:180 Resp: 143
Ion Ratio Lower Upper
180 100
182 92.1 48.2 144.6
145 33.0 15.9 47.6

Manual Integrations
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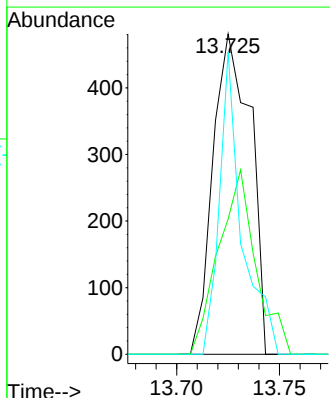
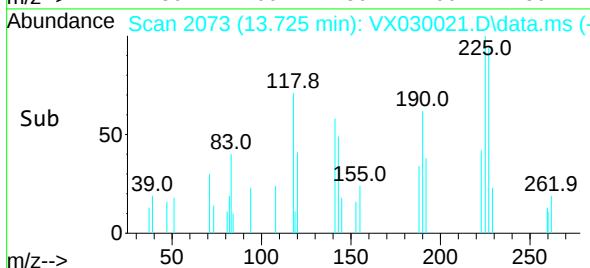
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

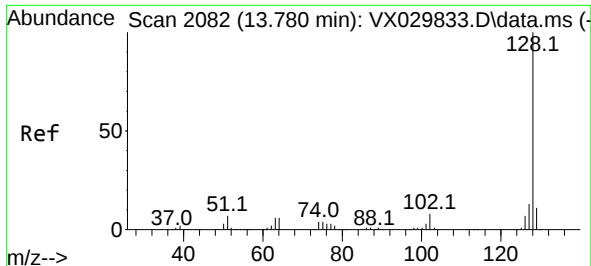


#94
Hexachlorobutadiene
Concen: 0.502 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54



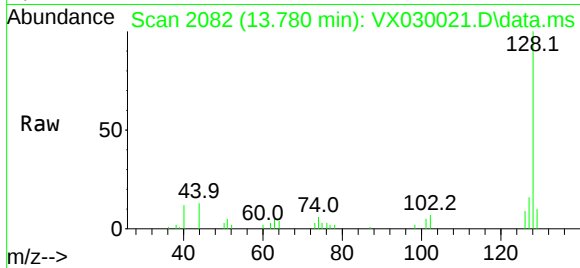
Tgt Ion:225 Resp: 609
Ion Ratio Lower Upper
225 100
223 57.3 30.6 91.6
227 56.7 31.9 95.9





#95
Naphthalene
Concen: 0.493 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54

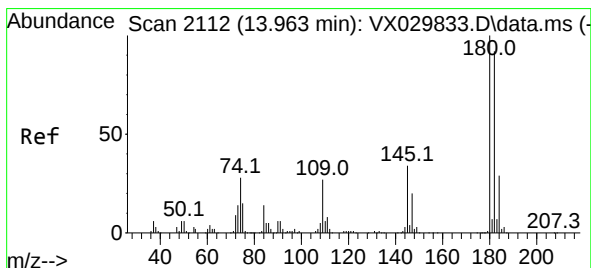
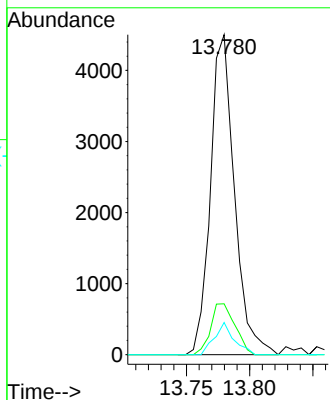
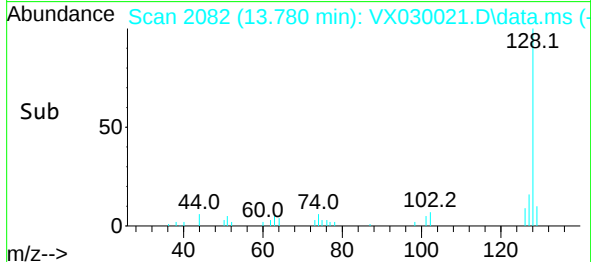
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



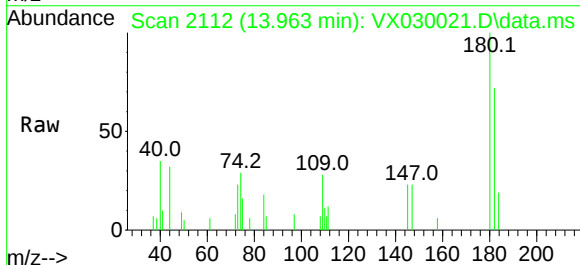
Tgt Ion:128 Resp: 5940
Ion Ratio Lower Upper
128 100
127 16.1 10.2 15.2
129 8.2 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#96
1,2,3-Trichlorobenzene
Concen: 0.457 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX030021.D
Acq: 12 Jul 2022 15:54



Tgt Ion:180 Resp: 1411
Ion Ratio Lower Upper
180 100
182 88.4 47.0 141.0
145 41.9 17.0 50.9

