

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070822\
 Data File : VX029982.D
 Acq On : 08 Jul 2022 18:49
 Operator : JC/MD
 Sample : N3214-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Jul 09 04:03:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X070822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jul 09 04:03:40 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/11/2022
 Supervised By : Mahesh Dadoda 07/11/2022

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

Internal Standards						
1) Bromochloromethane	4.904	128	30886	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	171236	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	150237	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	70648	28.052	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	93.500%		
60) 4-Bromofluorobenzene	11.085	95	80971	28.598	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	95.333%		
63) Toluene-d8	8.653	98	244360	29.996	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	3878	1.836	ug/l	90
3) Chloromethane	1.288	50	4950	2.248	ug/l #	75
4) Vinyl Chloride	1.374	62	5375	2.154	ug/l	96
5) Bromomethane	1.605	94	2179	2.119	ug/l	88
6) Chloroethane	1.685	64	3924m	2.936	ug/l	
7) Trichlorofluoromethane	1.886	101	7443	2.353	ug/l	96
8) Diethyl Ether	2.136	74	3510	2.609	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.325	101	5057	2.374	ug/l	96
10) 1,1-Dichloroethene	2.319	96	5657	2.601	ug/l	90
11) Methyl Iodide	2.453	142	1640	0.909	ug/l	86
12) Methyl Acetate	2.709	43	9158	2.585	ug/l	92
13) Acrolein	2.245	56	4245	10.201	ug/l	96
14) Acrylonitrile	3.068	53	17833	11.697	ug/l	95
15) Acetone	2.392	58	5536	13.368	ug/l	70
16) Carbon Disulfide	2.514	76	12958	2.282	ug/l	97
17) Allyl chloride	2.660	41	8900	2.322	ug/l	90
18) Methylene Chloride	2.788	84	7441	2.936	ug/l	92
19) trans-1,2-Dichloroethene	3.093	96	6135	2.599	ug/l #	78
20) Diisopropyl ether	3.763	45	18003	2.345	ug/l #	89
21) 1,1-Dichloroethane	3.617	63	10294	2.490	ug/l	97
22) cis-1,2-Dichloroethene	4.495	96	6623	2.363	ug/l	96
23) tert-Butyl Alcohol	2.947	59	15832m	22.669	ug/l	
24) Methyl tert-Butyl Ether	3.117	73	16480	2.349	ug/l	94
25) Chloroform	5.105	83	9753	2.367	ug/l	97
26) Cyclohexane	5.471	56	9144m	2.387	ug/l	
29) 1,1-Dichloropropene	5.702	75	7666	2.617	ug/l	76
30) 2-Butanone	4.568	43	25360	12.826	ug/l #	97
31) 2,2-Dichloropropane	4.489	77	5959m	2.128	ug/l	
32) 1,1,1-Trichloroethane	5.391	97	7752	2.461	ug/l #	64
33) Carbon Tetrachloride	5.684	117	6755	2.553	ug/l	88
34) Benzene	6.044	78	23556	2.502	ug/l	97
35) Methacrylonitrile	4.934	41	5230m	2.613	ug/l	
36) 1,2-Dichloroethane	6.098	62	7387	2.578	ug/l	96
37) Trichloroethene	7.129	130	6913	2.746	ug/l	97
38) Methylcyclohexane	7.379	83	8973	2.361	ug/l #	69
39) 1,2-Dichloropropane	7.434	63	6387	2.665	ug/l	97
40) Dibromomethane	7.586	93	4283	2.637	ug/l	91
41) Bromodichloromethane	7.830	83	7298	2.515	ug/l	97
42) Vinyl Acetate	3.727	43	74770	11.825	ug/l	98

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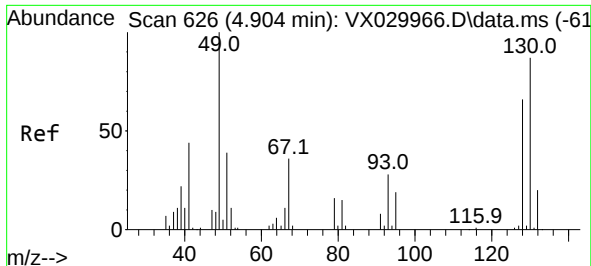
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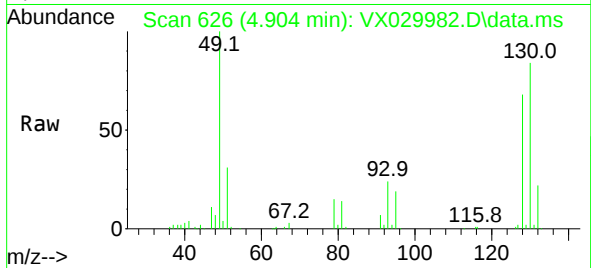
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.727	43	10311m	2.769	ug/l	
44) Isopropyl Acetate	6.348	43	13574	2.399	ug/l	100
45) 1,4-Dioxane	7.677	88	3431m	51.657	ug/l	
46) Methyl methacrylate	7.702	41	6578	2.453	ug/l	94
47) n-amyl Acetate	10.848	43	10310	2.121	ug/l	100
48) t-1,3-Dichloropropene	8.982	75	6828	2.129	ug/l	94
49) cis-1,3-Dichloropropene	8.372	75	7971	2.214	ug/l	93
50) 1,1,2-Trichloroethane	9.153	97	6016	2.500	ug/l	95
51) Ethyl methacrylate	9.116	69	8938	2.387	ug/l	99
52) 1,3-Dichloropropane	9.311	76	9774	2.525	ug/l	94
53) Dibromochloromethane	9.525	129	5141	2.308	ug/l	99
54) 1,2-Dibromoethane	9.616	107	5866	2.347	ug/l	93
55) 2-Chloroethyl vinyl ether	8.244	63	21728	11.256	ug/l	96
56) Bromoform	10.799	173	3462	2.220	ug/l	94
58) 4-Methyl-2-Pentanone	8.580	43	46271	12.469	ug/l	98
59) 2-Hexanone	9.433	43	34097	11.879	ug/l	96
61) Tetrachloroethene	9.281	164	5972	2.647	ug/l	94
62) Toluene	8.720	91	24855	2.487	ug/l	100
64) Chlorobenzene	10.079	112	14974	2.509	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.165	131	4892	2.351	ug/l	92
66) Ethyl Benzene	10.195	91	26134	2.461	ug/l	99
67) m/p-Xylenes	10.305	106	20255	4.915	ug/l	99
68) o-Xylene	10.640	106	9788	2.385	ug/l	93
69) Styrene	10.659	104	16248	2.392	ug/l	97
70) Isopropylbenzene	10.963	105	25082	2.427	ug/l	95
71) 1,1,2,2-Tetrachloroethane	11.213	83	9111	2.425	ug/l	100
72) 1,2,3-Trichloropropane	11.244	75	8036m	2.379	ug/l	
73) Bromobenzene	11.201	156	5895	2.379	ug/l	90
74) n-propylbenzene	11.305	91	27235	2.197	ug/l	96
75) 2-Chlorotoluene	11.366	91	18353	2.514	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	19752	2.277	ug/l	97
77) t-1,4-Dichloro-2-butene	11.024	75	2130	1.833	ug/l	84
78) 4-Chlorotoluene	11.457	91	18376	2.243	ug/l	94
79) tert-butylbenzene	11.719	119	20210	2.395	ug/l	96
80) 1,2,4-Trimethylbenzene	11.756	105	19048	2.136	ug/l	94
81) sec-Butylbenzene	11.890	105	24722	2.164	ug/l	98
82) p-Isopropyltoluene	12.012	119	18975	2.063	ug/l	97
83) 1,3-Dichlorobenzene	11.969	146	10916	2.277	ug/l	97
84) 1,4-Dichlorobenzene	12.042	146	10994	2.261	ug/l	98
85) n-Butylbenzene	12.335	91	16437	1.905	ug/l	98
86) Hexachloroethane	12.536	117	2751	1.800	ug/l	95
87) 1,2-Dichlorobenzene	12.341	146	11837	2.501	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	12.945	75	1917	2.237	ug/l #	83
89) 1,2,4-Trichlorobenzene	13.591	180	6391	2.181	ug/l	99
90) Hexachlorobutadiene	13.731	225	2707	2.435	ug/l	94
91) Naphthalene	13.780	128	24672	2.112	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	6899	2.311	ug/l	94

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

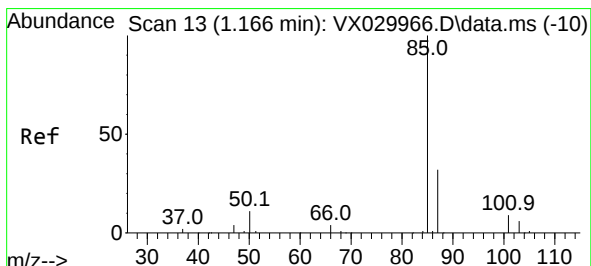
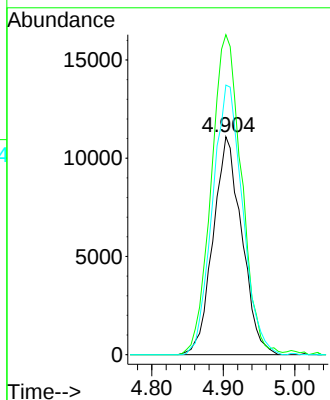
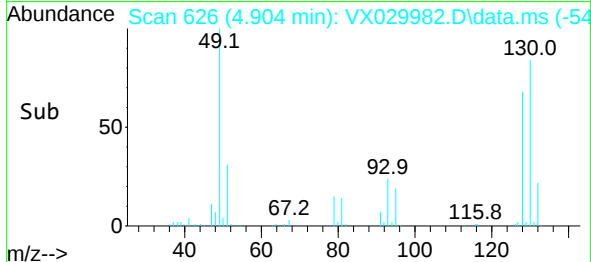
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion:128 Resp: 3088
Ion Ratio Lower Upper
128 100
49 155.1 0.0 358.3
130 130.1 0.0 319.3

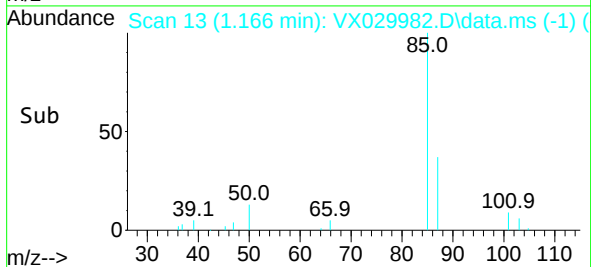
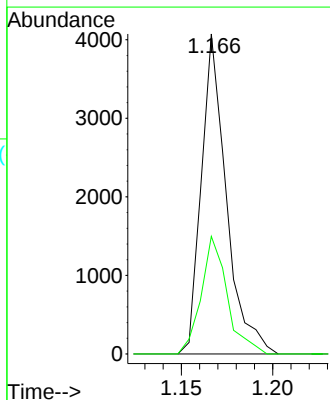
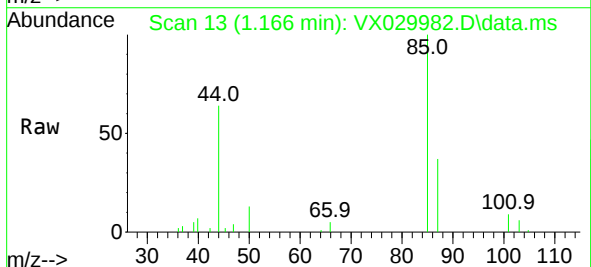
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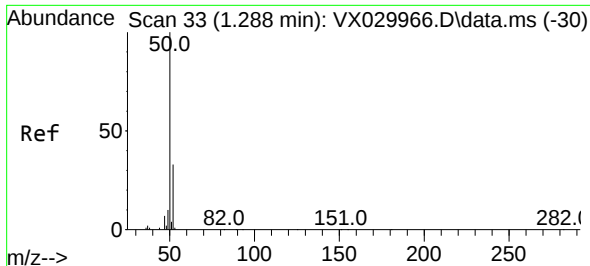
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#2
Dichlorodifluoromethane
Concen: 1.836 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

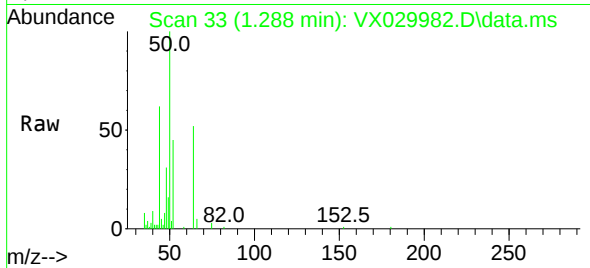
Tgt Ion: 85 Resp: 3878
Ion Ratio Lower Upper
85 100
87 36.8 15.6 46.8





#3
Chloromethane
Concen: 2.248 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.000 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

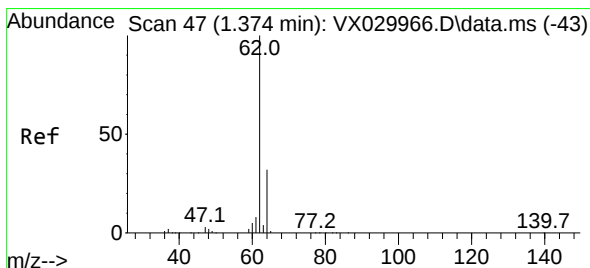
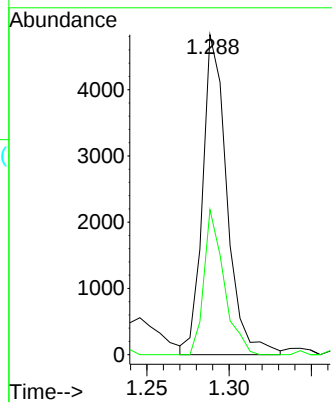
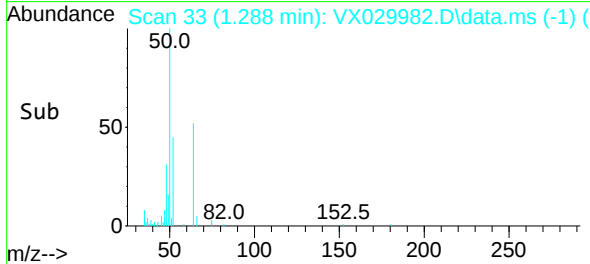
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 50 Resp: 4950
Ion Ratio Lower Upper
50 100
52 45.8 25.6 38.4

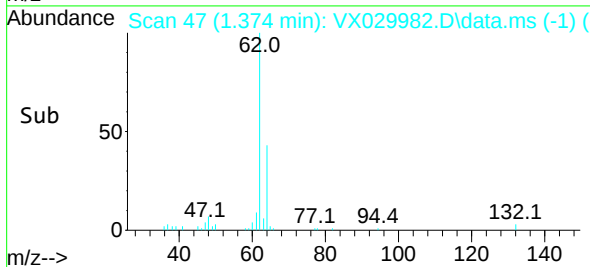
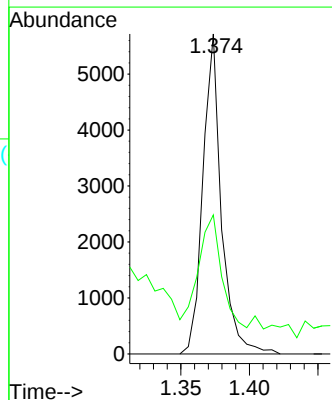
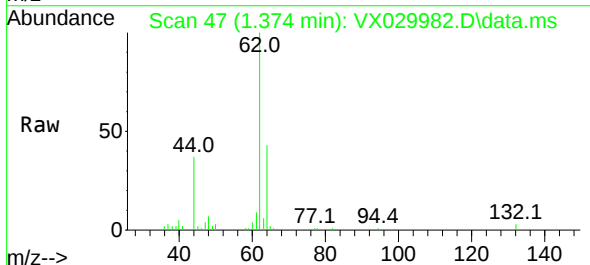
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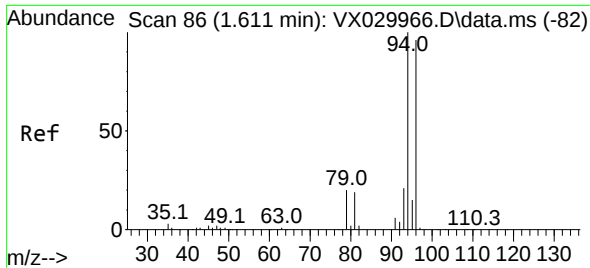
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#4
Vinyl Chloride
Concen: 2.154 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

Tgt Ion: 62 Resp: 5375
Ion Ratio Lower Upper
62 100
64 35.1 26.2 39.2





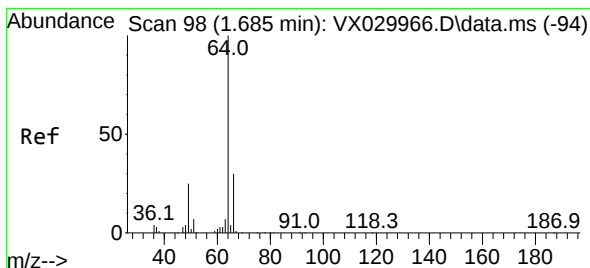
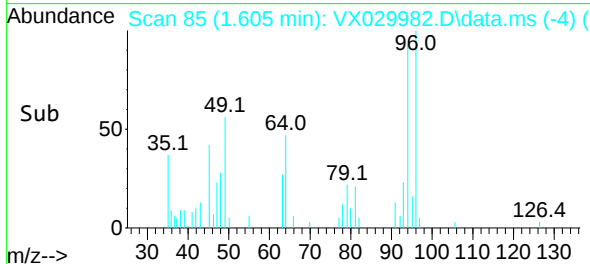
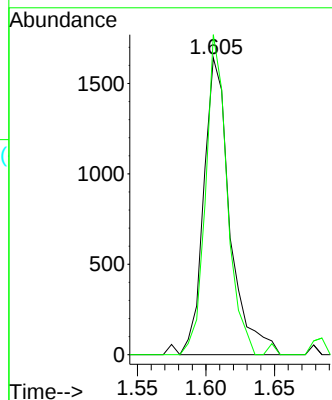
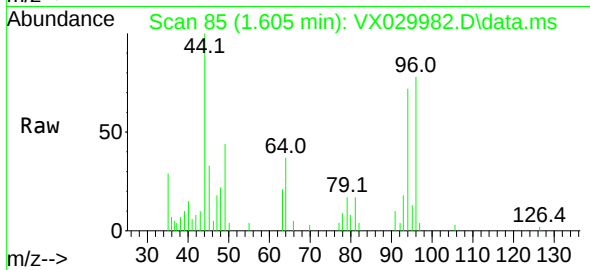
#5
Bromomethane
Concen: 2.119 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.006 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

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

Tgt Ion: 94 Resp: 2179
Ion Ratio Lower Upper
94 100
96 107.8 77.0 115.6

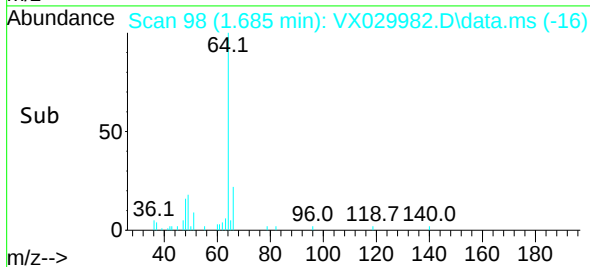
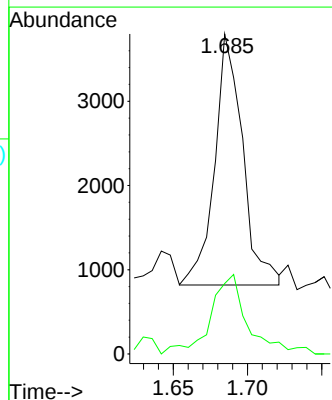
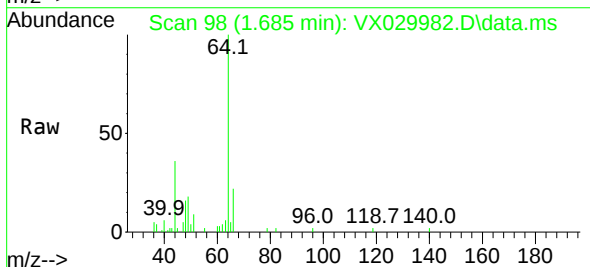
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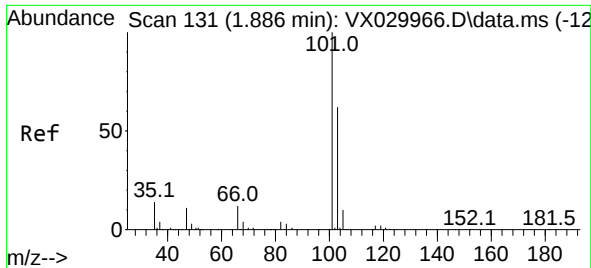
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#6
Chloroethane
Concen: 2.936 ug/l m
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

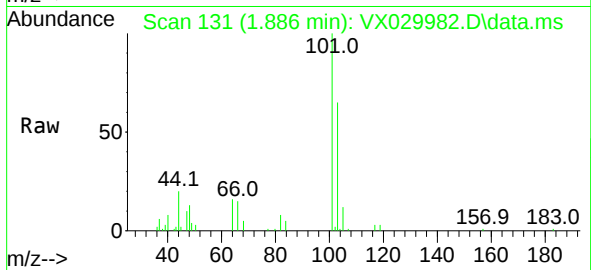
Tgt Ion: 64 Resp: 3924
Ion Ratio Lower Upper
64 100
66 22.0 26.4 39.6#





#7
Trichlorofluoromethane
Concen: 2.353 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

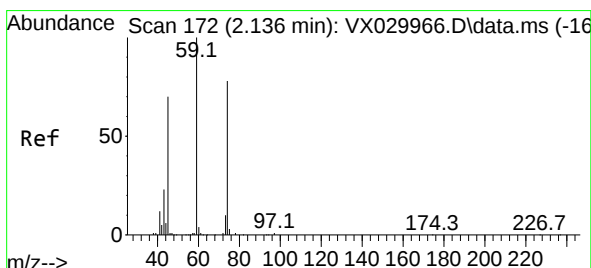
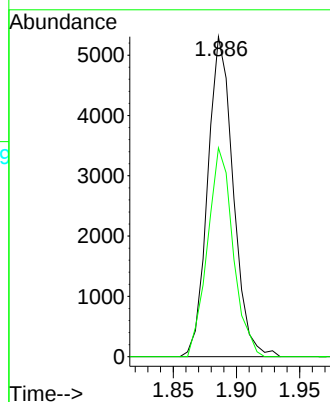
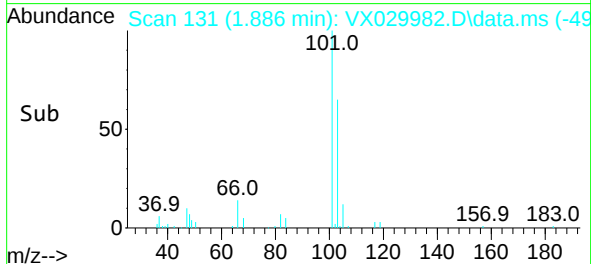
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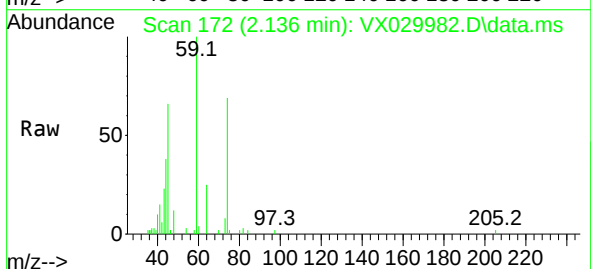
Tgt Ion:101 Resp: 744
Ion Ratio Lower Upper
101 100
103 65.3 49.6 74.4

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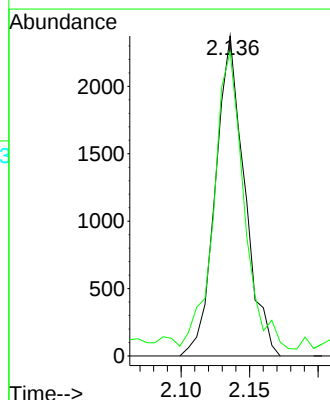
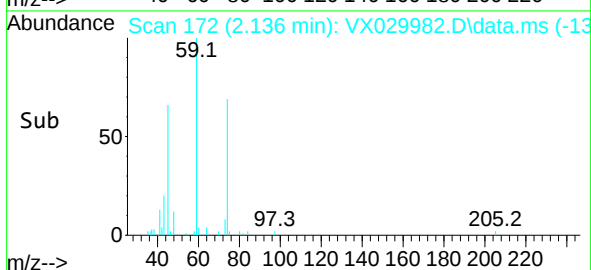
Reviewed By :John Carlone 07/11/2022
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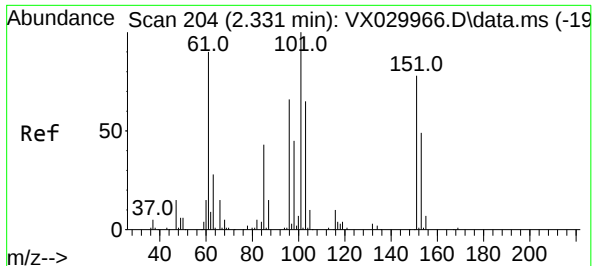


#8
Diethyl Ether
Concen: 2.609 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49



Tgt Ion: 74 Resp: 3510
Ion Ratio Lower Upper
74 100
45 103.0 18.7 168.7





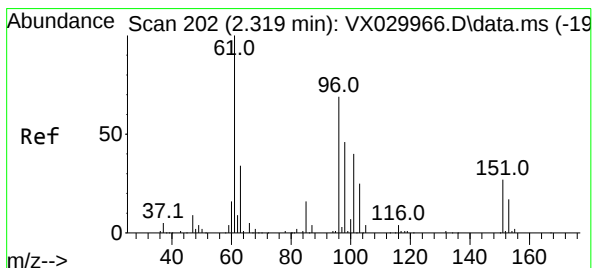
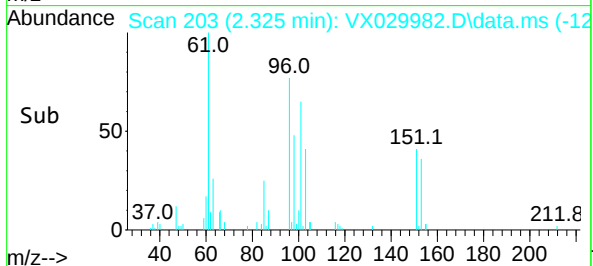
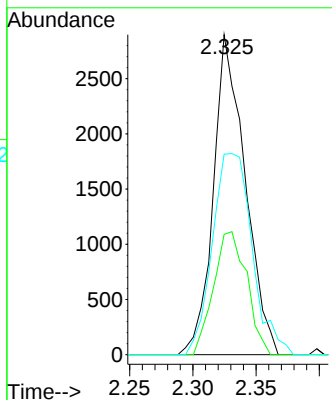
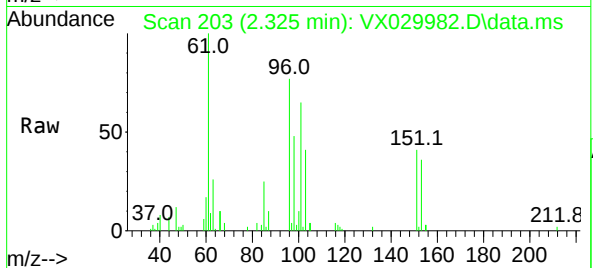
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.374 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX029982.D
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Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022

Tgt Ion:101 Resp: 505
Ion Ratio Lower Upper
101 100
85 40.2 0.0 84.6
151 78.8 0.0 165.4

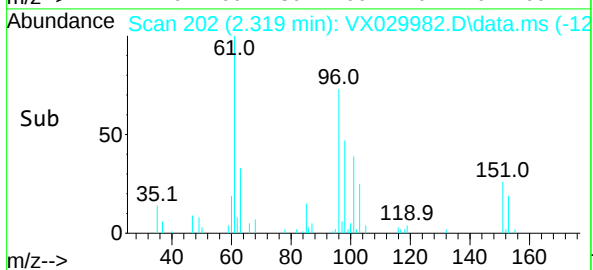
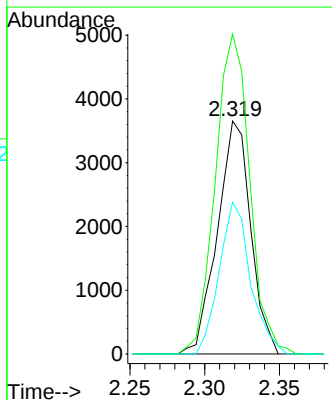
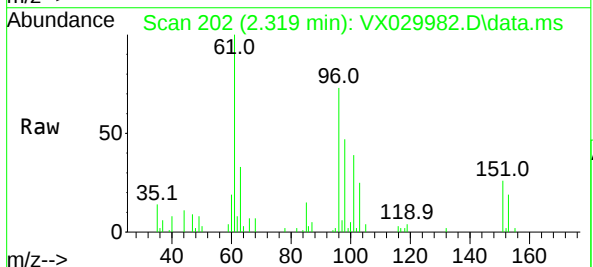
Manual Integrations
APPROVED

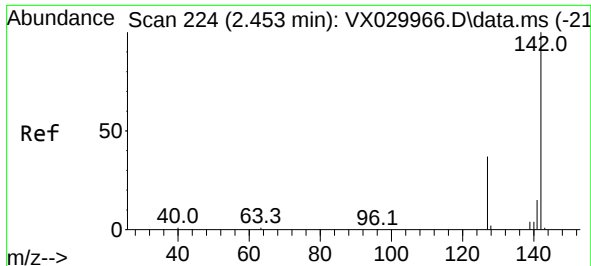
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#10
1,1-Dichloroethene
Concen: 2.601 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

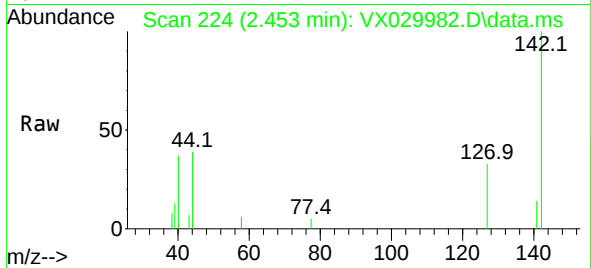
Tgt Ion: 96 Resp: 5657
Ion Ratio Lower Upper
96 100
61 137.3 122.6 183.8
98 65.2 50.1 75.1





#11
Methyl Iodide
Concen: 0.909 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

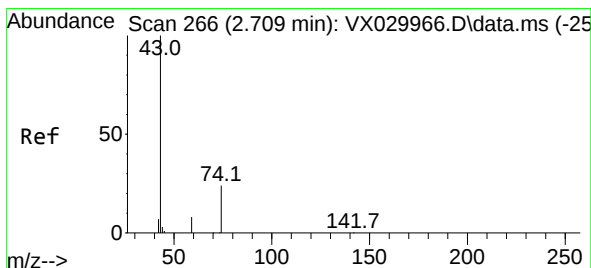
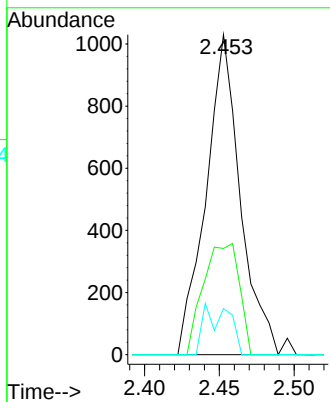
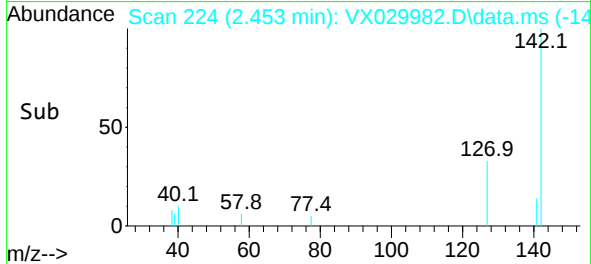
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion:142 Resp: 1640
Ion Ratio Lower Upper
142 100
127 33.2 22.3 66.9
141 14.4 7.0 20.9

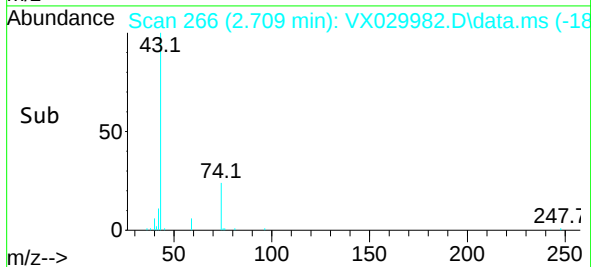
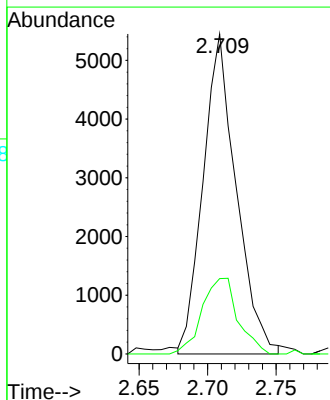
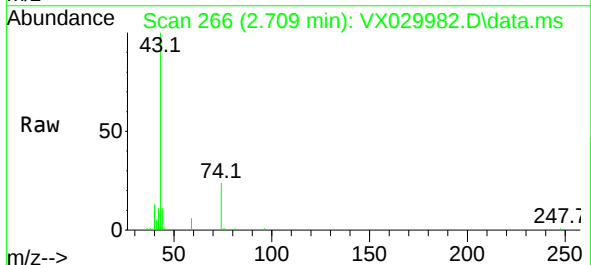
Manual Integrations
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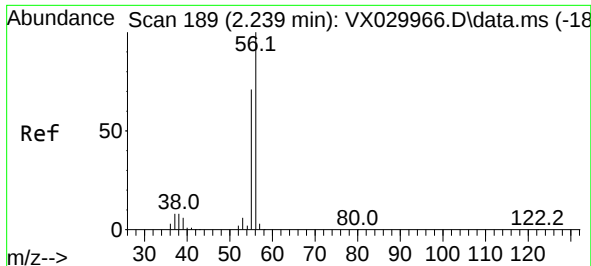
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#12
Methyl Acetate
Concen: 2.585 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

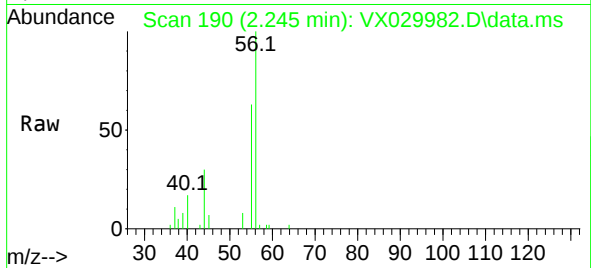
Tgt Ion: 43 Resp: 9158
Ion Ratio Lower Upper
43 100
74 23.6 22.1 33.1





#13
Acrolein
Concen: 10.201 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

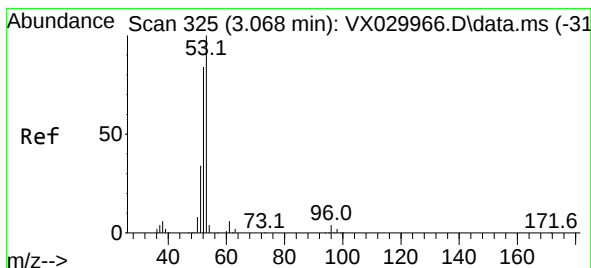
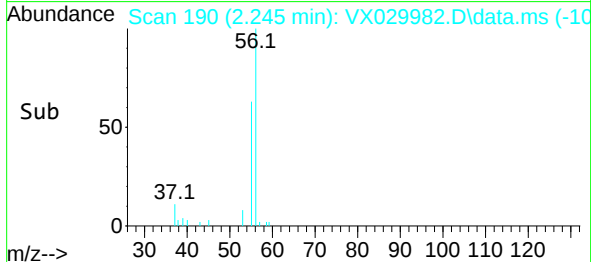
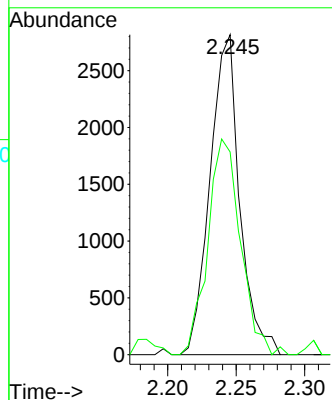
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 56 Resp: 4245
Ion Ratio Lower Upper
56 100
55 73.6 56.4 84.6

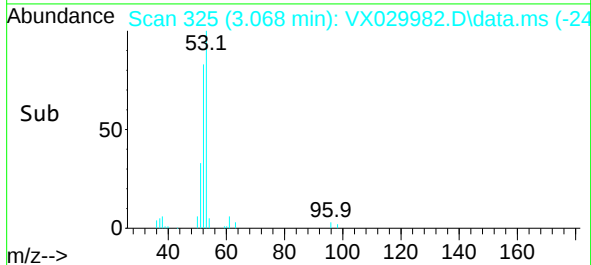
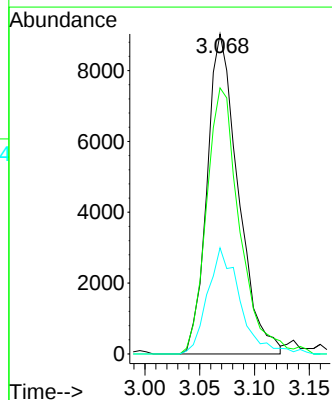
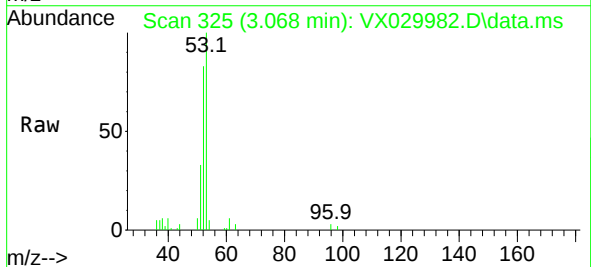
Manual Integrations
APPROVED

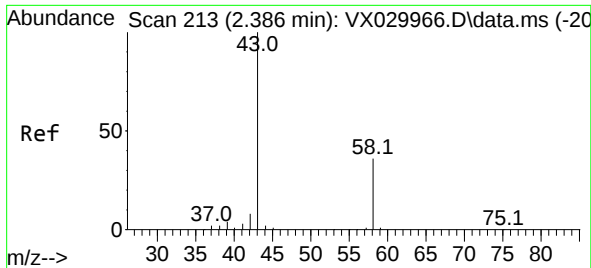
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#14
Acrylonitrile
Concen: 11.697 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.000 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

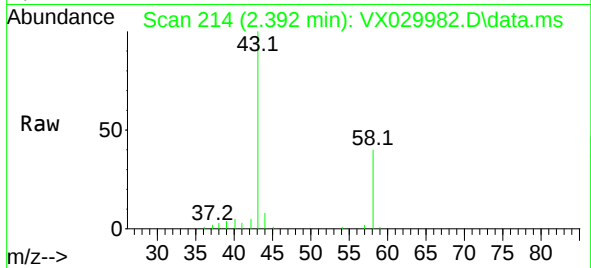
Tgt Ion: 53 Resp: 17833
Ion Ratio Lower Upper
53 100
52 88.1 41.5 124.5
51 33.8 18.1 54.4





#15
Acetone
Concen: 13.368 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

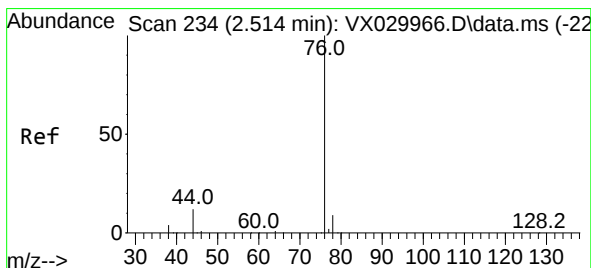
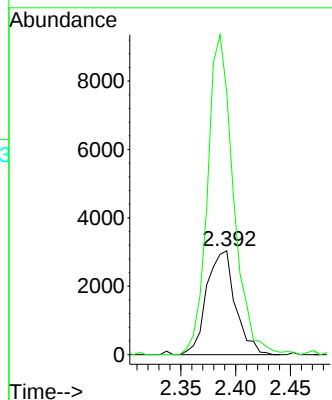
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 58 Resp: 5530
Ion Ratio Lower Upper
58 100
43 252.5 250.2 375.2

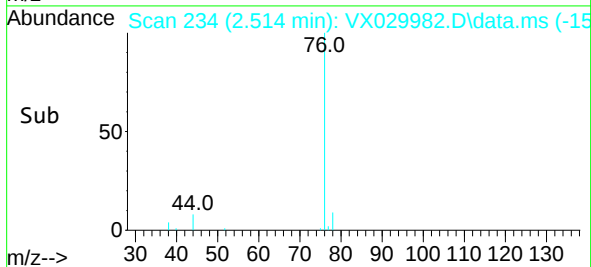
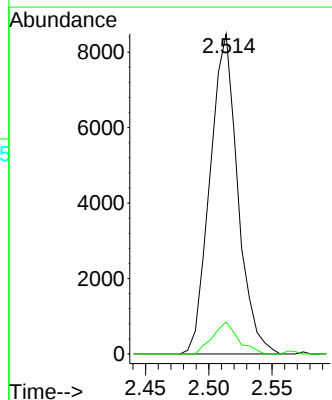
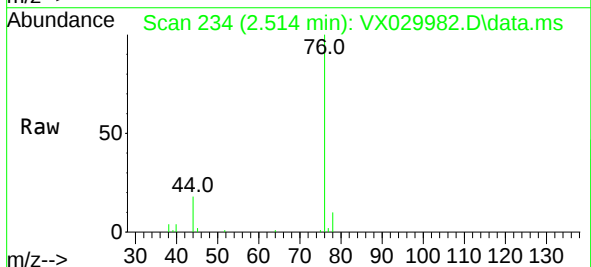
Manual Integrations
APPROVED

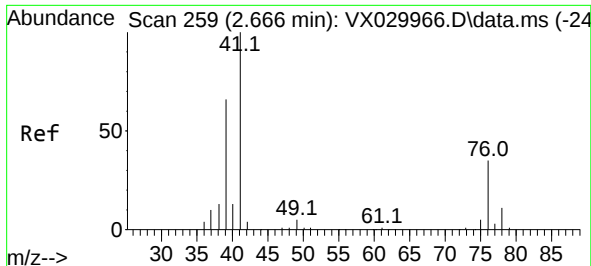
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#16
Carbon Disulfide
Concen: 2.282 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

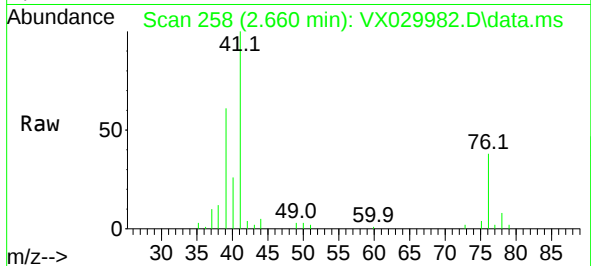
Tgt Ion: 76 Resp: 12958
Ion Ratio Lower Upper
76 100
78 10.0 7.1 10.7





#17
 Allyl chloride
 Concen: 2.322 ug/l
 RT: 2.660 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VX029982.D
 Acq: 08 Jul 2022 18:49

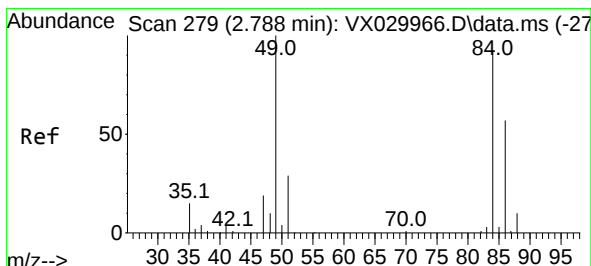
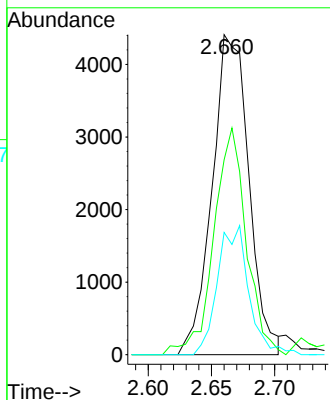
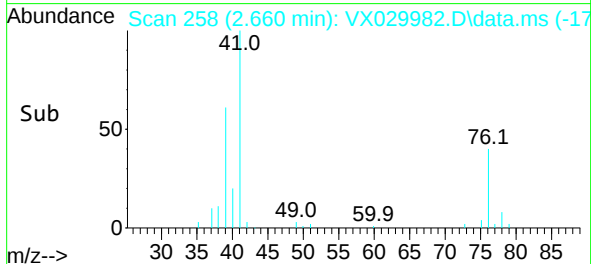
Instrument : MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 41 Resp: 8900
 Ion Ratio Lower Upper
 41 100
 39 59.3 35.4 106.1
 76 38.2 18.4 55.4

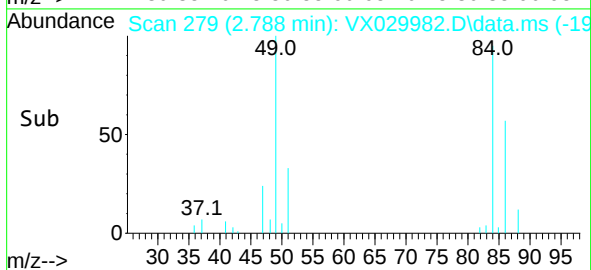
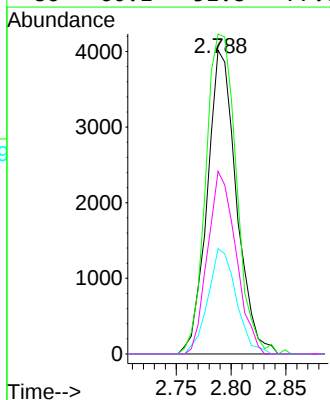
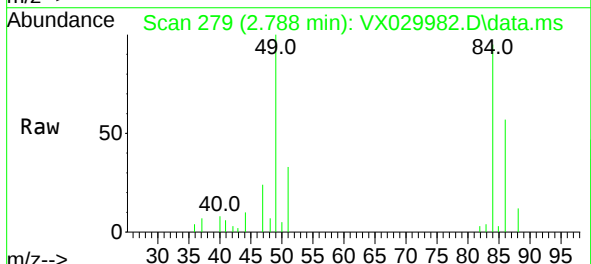
Manual Integrations
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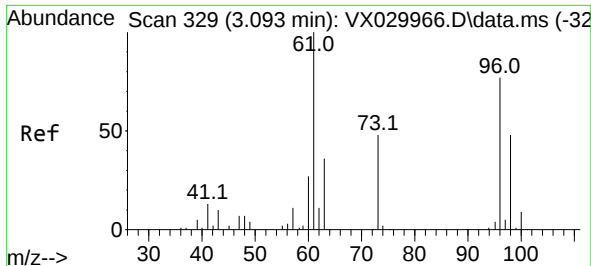
Reviewed By :John Carlone 07/11/2022
 Supervised By :Mahesh Dadoda 07/11/2022



#18
 Methylene Chloride
 Concen: 2.936 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX029982.D
 Acq: 08 Jul 2022 18:49

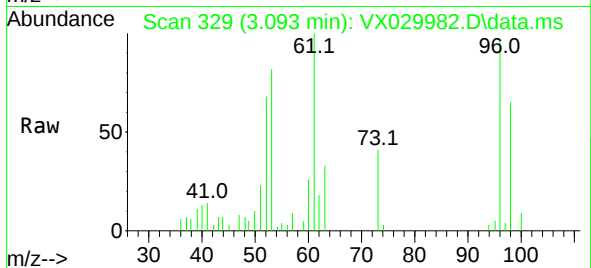
Tgt Ion: 84 Resp: 7441
 Ion Ratio Lower Upper
 84 100
 49 105.4 94.2 141.2
 51 34.7 29.2 43.8
 86 60.1 51.8 77.6





#19
trans-1,2-Dichloroethene
Concen: 2.599 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

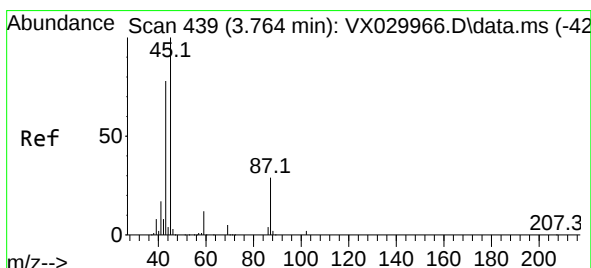
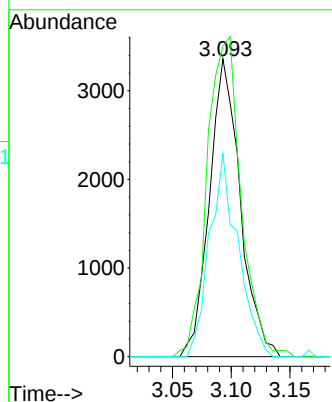
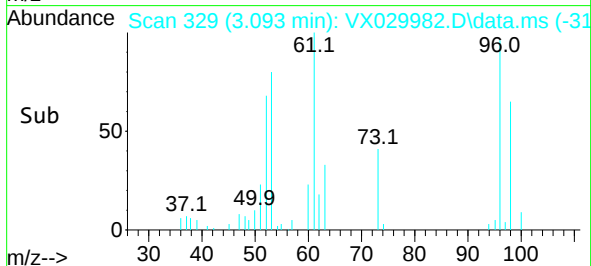
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 96 Resp: 613
Ion Ratio Lower Upper
96 100
61 102.1 108.7 163.1
98 68.2 49.2 73.8

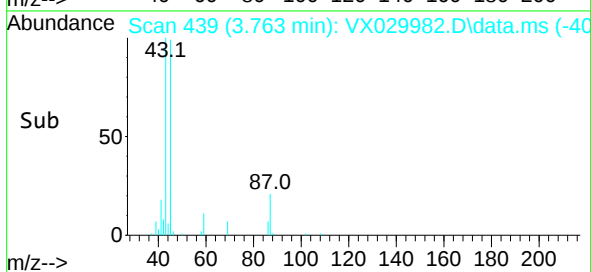
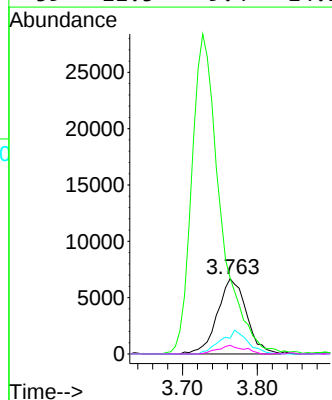
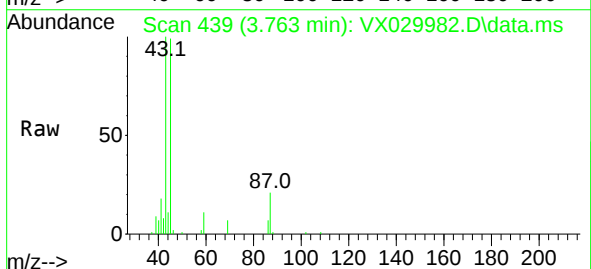
Manual Integrations
APPROVED

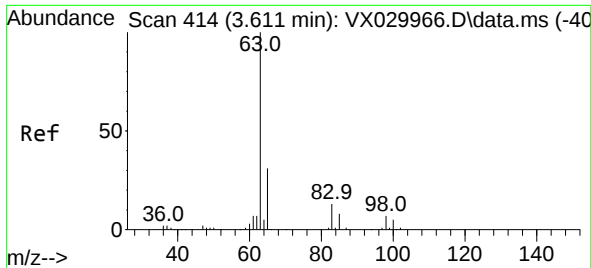
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#20
Diisopropyl ether
Concen: 2.345 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

Tgt Ion: 45 Resp: 18003
Ion Ratio Lower Upper
45 100
43 97.7 70.3 105.5
87 20.8 24.5 36.7#
59 11.5 9.4 14.2





#21

1,1-Dichloroethane

Concen: 2.490 ug/l

RT: 3.617 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX029982.D

Acq: 08 Jul 2022 18:49

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

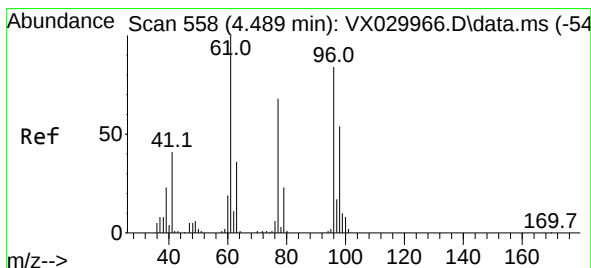
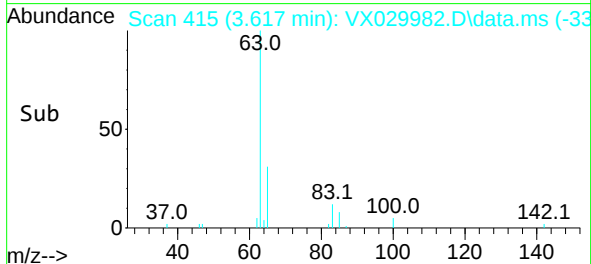
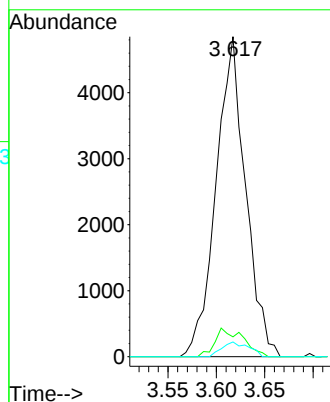
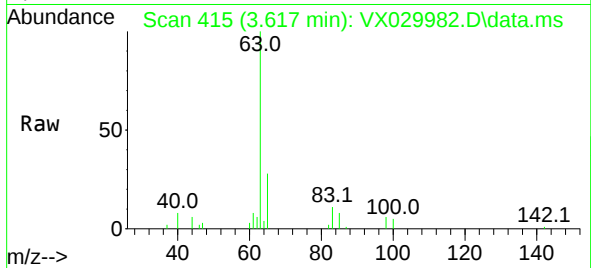
Tgt Ion: 63	Resp: 10294
Ion Ratio	Lower Upper
63 100	
98 6.2	3.8 11.2
100 4.6	2.5 7.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#22

cis-1,2-Dichloroethene

Concen: 2.363 ug/l

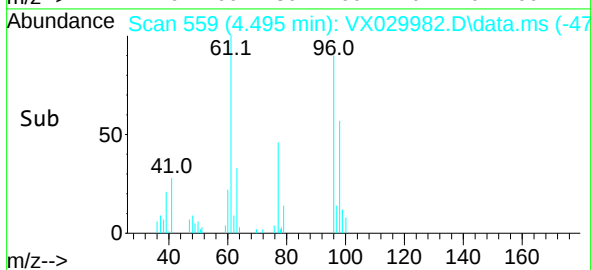
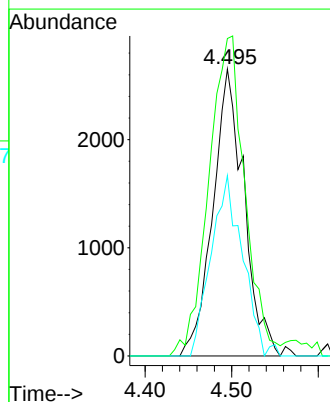
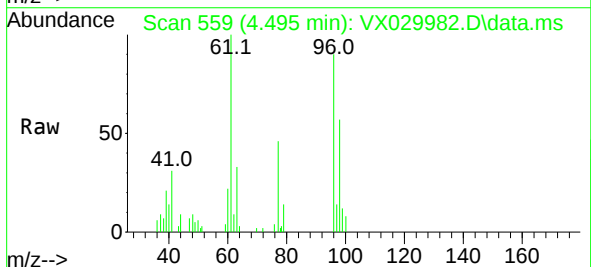
RT: 4.495 min Scan# 559

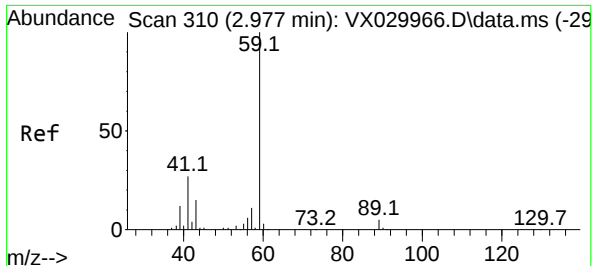
Delta R.T. 0.006 min

Lab File: VX029982.D

Acq: 08 Jul 2022 18:49

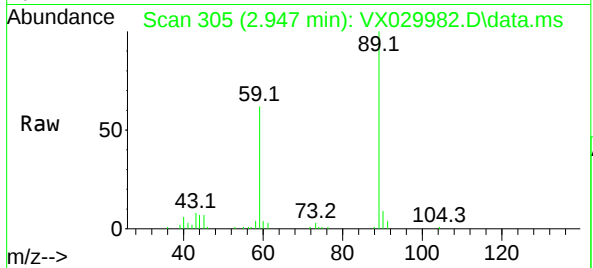
Tgt Ion: 96	Resp: 6623
Ion Ratio	Lower Upper
96 100	
61 127.4	107.4 161.2
98 62.8	51.1 76.7





#23
tert-Butyl Alcohol
Concen: 22.669 ug/l m
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

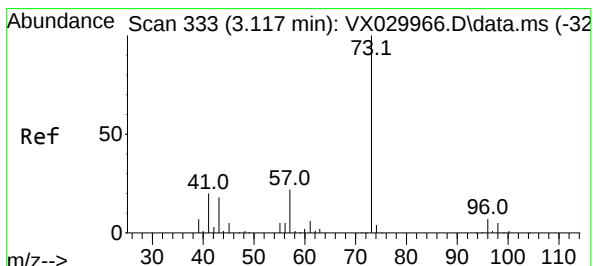
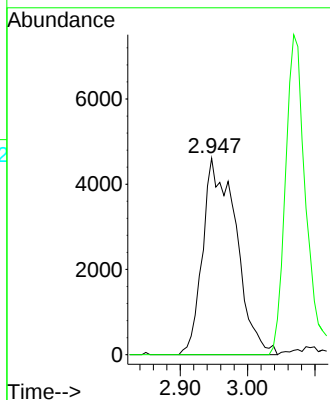
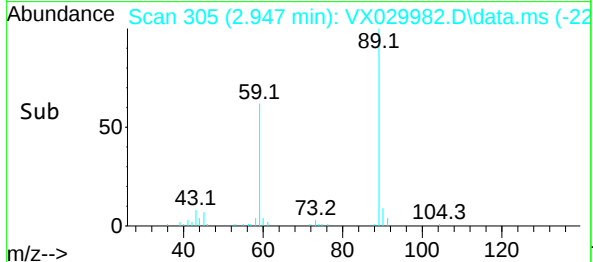
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 59 Resp: 1583
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

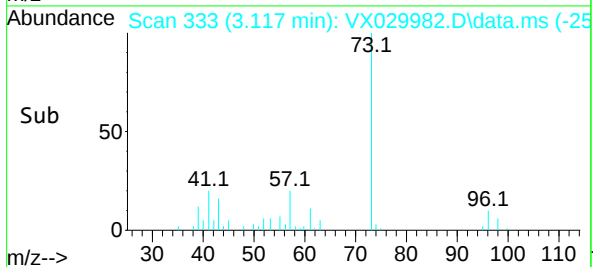
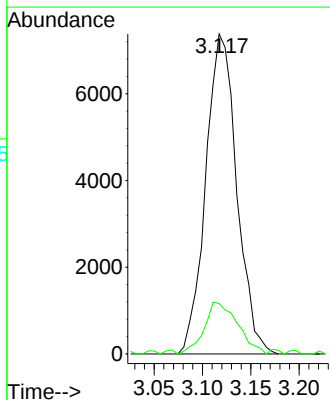
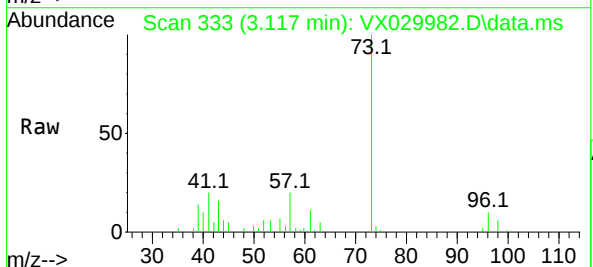
Manual Integrations
APPROVED

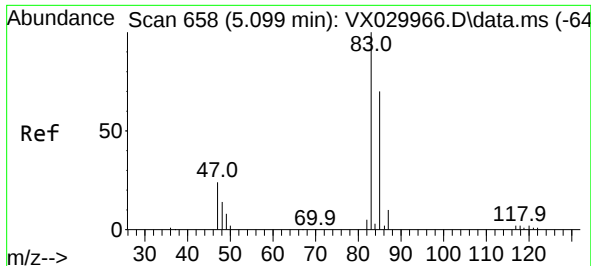
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#24
Methyl tert-Butyl Ether
Concen: 2.349 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

Tgt Ion: 73 Resp: 16480
Ion Ratio Lower Upper
73 100
43 17.4 16.0 24.0





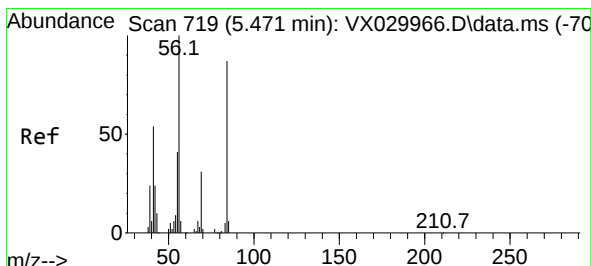
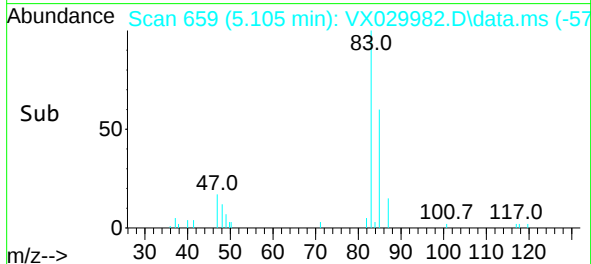
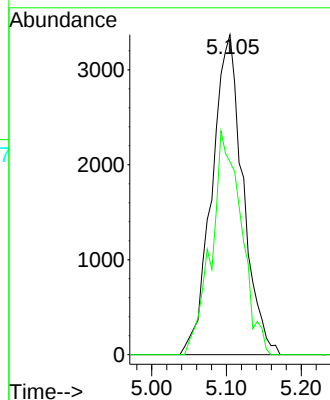
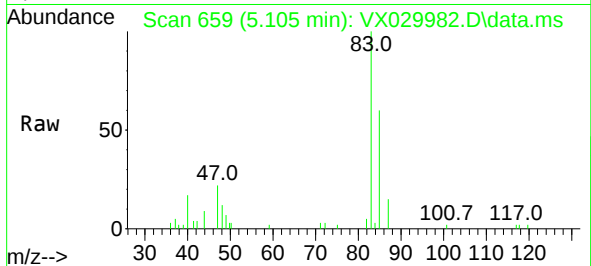
#25
Chloroform
Concen: 2.367 ug/l
RT: 5.105 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

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

Tgt Ion: 83 Resp: 975
Ion Ratio Lower Upper
83 100
85 60.3 49.9 74.9

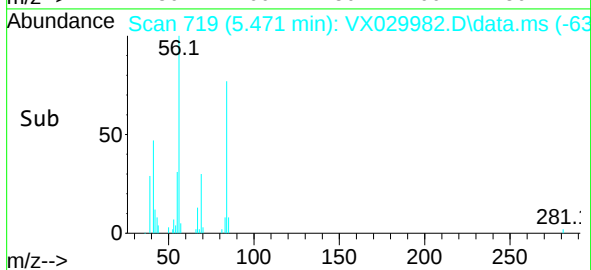
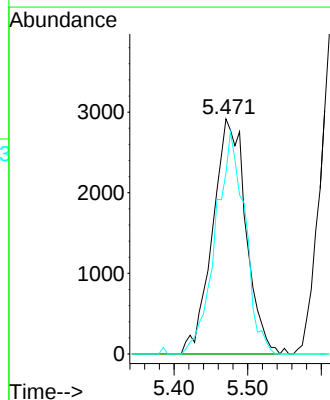
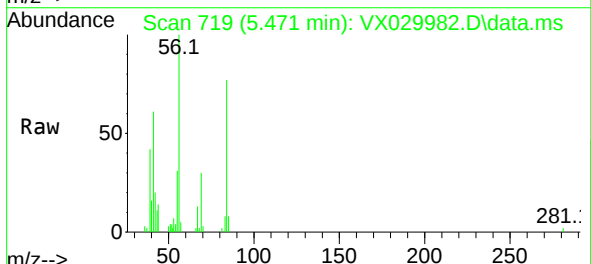
Manual Integrations
APPROVED

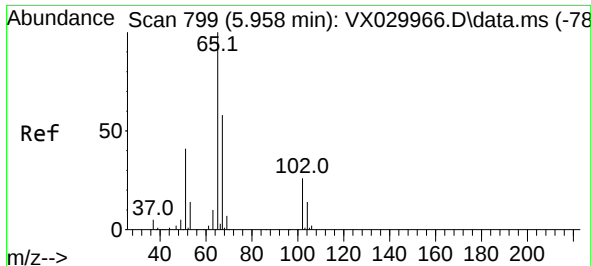
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#26
Cyclohexane
Concen: 2.387 ug/l m
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

Tgt Ion: 56 Resp: 9144
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.1 76.2 114.2





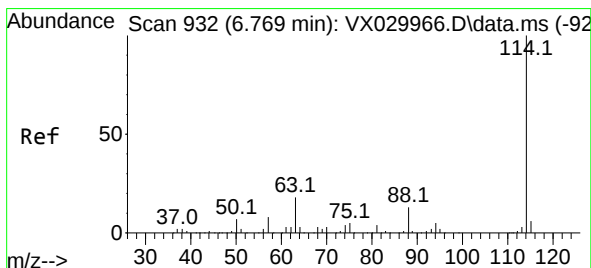
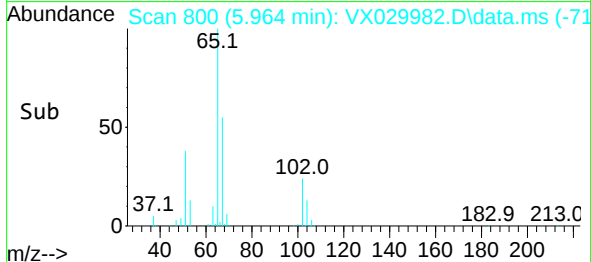
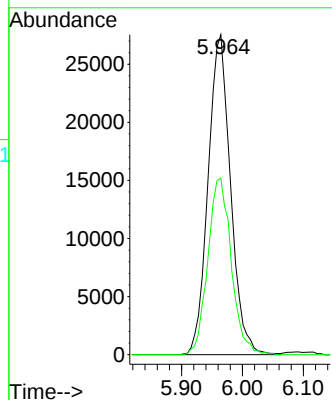
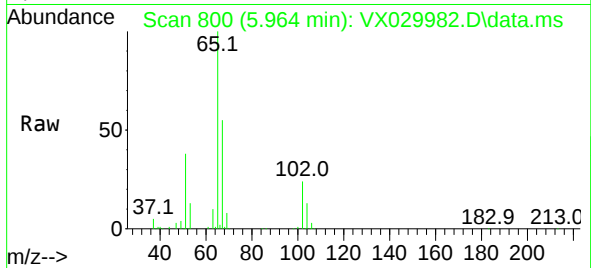
#27
1,2-Dichloroethane-d4
Concen: 28.052 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

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

Tgt Ion: 65 Resp: 70648
Ion Ratio Lower Upper
65 100
67 57.6 42.3 63.5

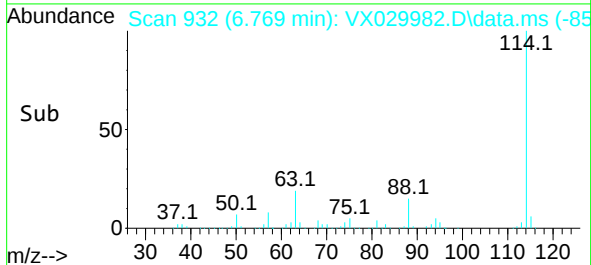
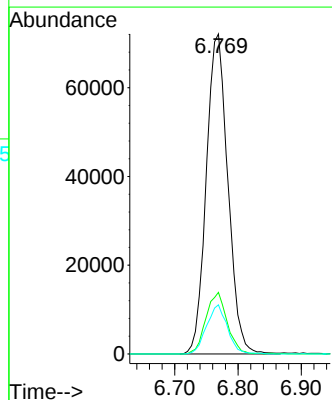
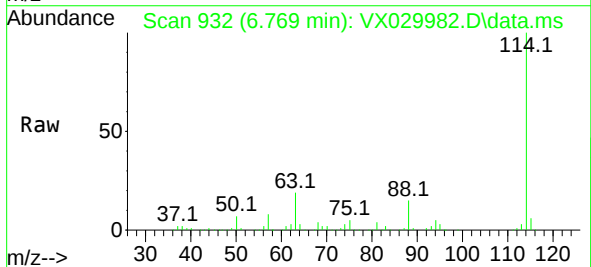
Manual Integrations
APPROVED

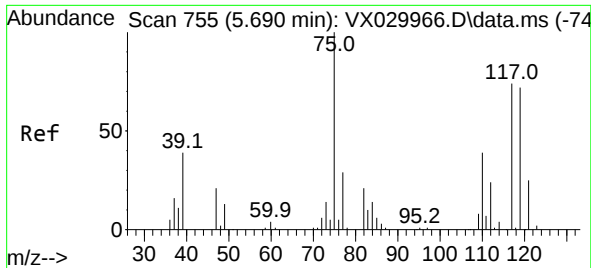
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

Tgt Ion:114 Resp: 171236
Ion Ratio Lower Upper
114 100
63 18.8 15.3 22.9
88 14.9 12.2 18.4





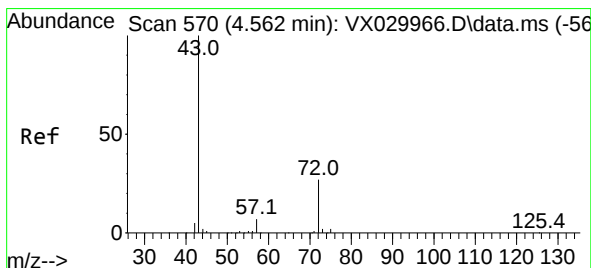
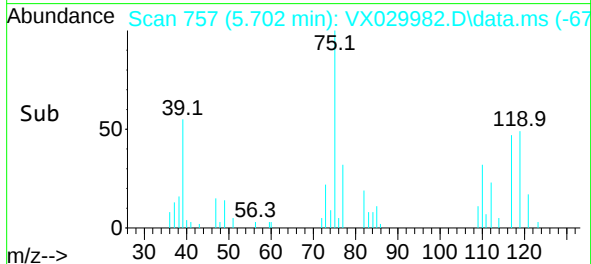
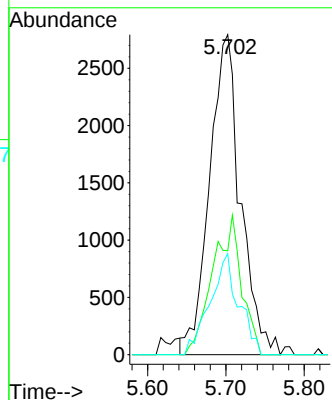
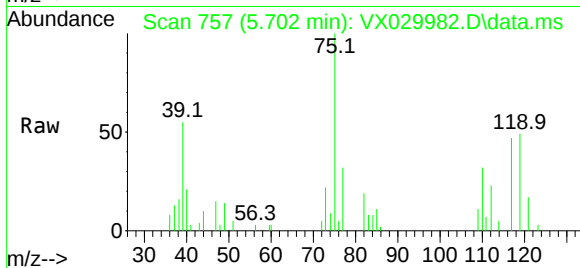
#29
1,1-Dichloropropene
Concen: 2.617 ug/l
RT: 5.702 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

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

Tgt Ion: 75 Resp: 766
Ion Ratio Lower Upper
75 100
110 16.9 0.0 73.6
77 24.0 0.0 62.2

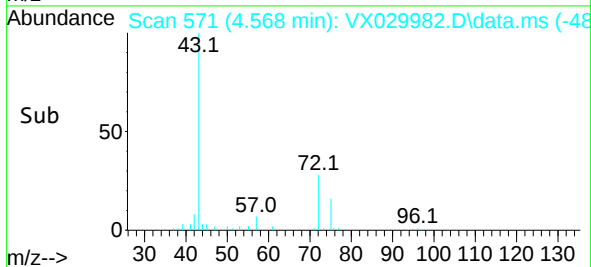
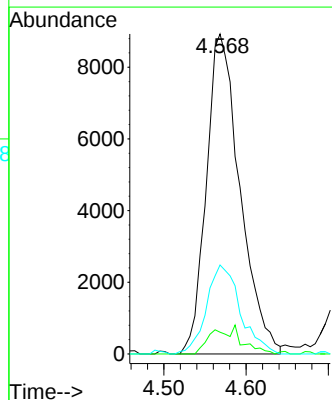
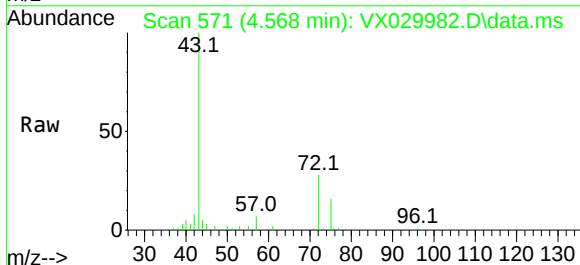
Manual Integrations
APPROVED

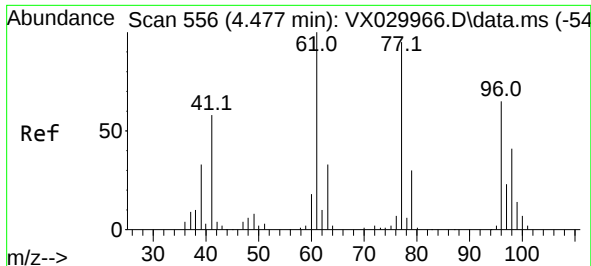
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#30
2-Butanone
Concen: 12.826 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

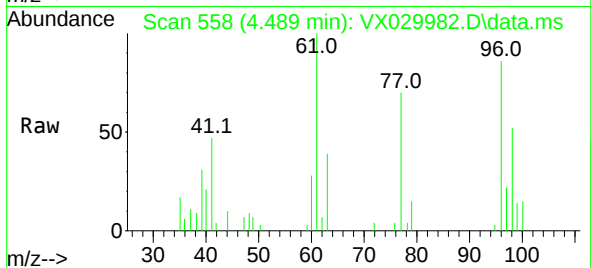
Tgt Ion: 43 Resp: 25360
Ion Ratio Lower Upper
43 100
57 4.8 6.6 10.0#
72 28.0 22.1 33.1





#31
2,2-Dichloropropane
Concen: 2.128 ug/l m
RT: 4.489 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

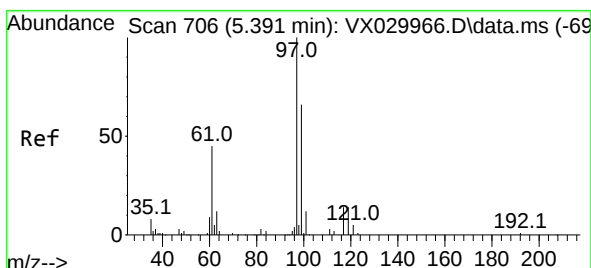
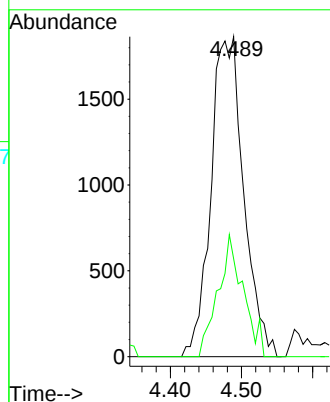
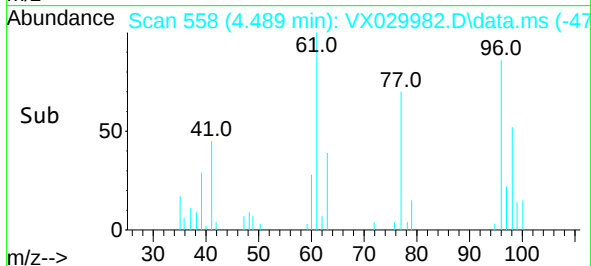
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



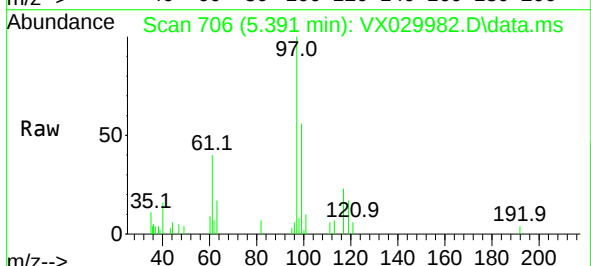
Tgt Ion: 77 Resp: 595
Ion Ratio Lower Upper
77 100
97 27.9 18.4 27.6

Manual Integrations
APPROVED

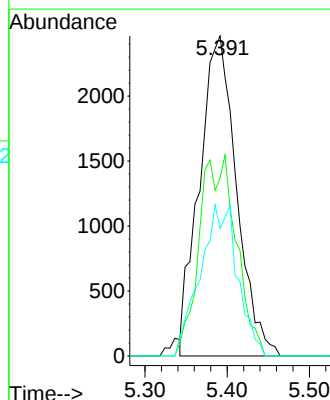
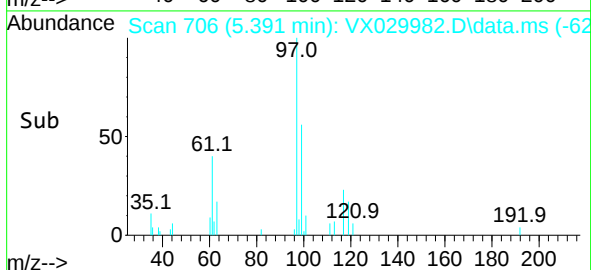
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

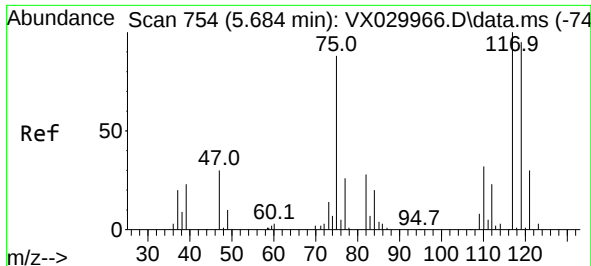


#32
1,1,1-Trichloroethane
Concen: 2.461 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49



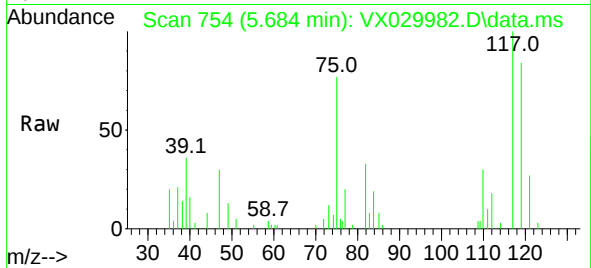
Tgt Ion: 97 Resp: 7752
Ion Ratio Lower Upper
97 100
99 30.2 51.8 77.8#
61 27.3 33.4 50.0#





#33
Carbon Tetrachloride
Concen: 2.553 ug/l
RT: 5.684 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

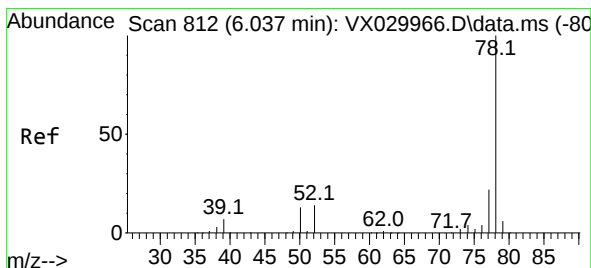
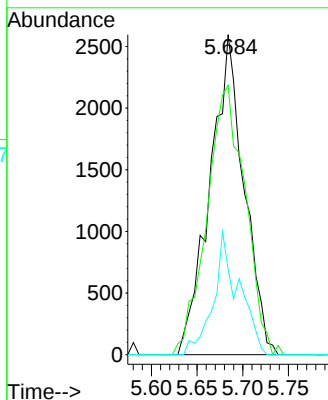
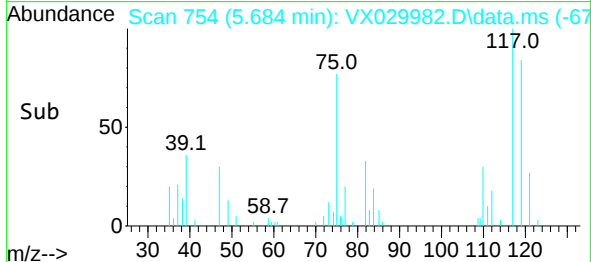
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



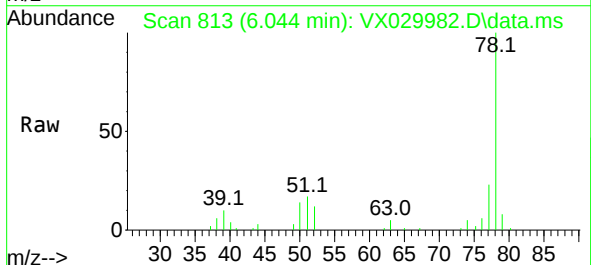
Tgt Ion: 117 Resp: 675
Ion Ratio Lower Upper
117 100
119 81.4 75.3 112.9
121 26.7 24.1 36.1

Manual Integrations
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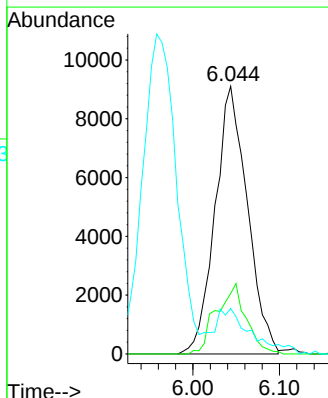
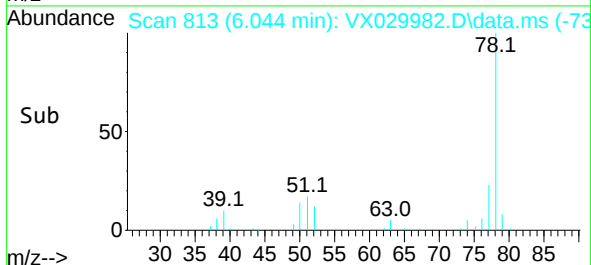
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

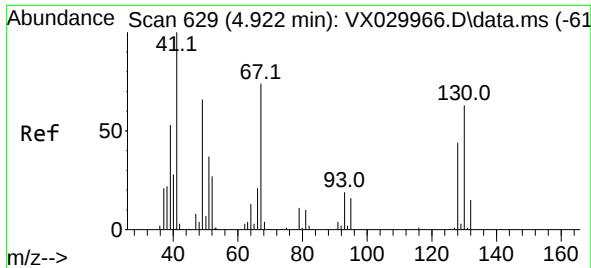


#34
Benzene
Concen: 2.502 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49



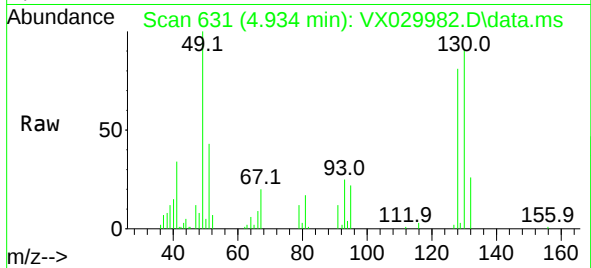
Tgt Ion: 78 Resp: 23556
Ion Ratio Lower Upper
78 100
77 22.6 18.5 27.7
51 13.5 12.9 19.3





#35
Methacrylonitrile
Concen: 2.613 ug/l m
RT: 4.934 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

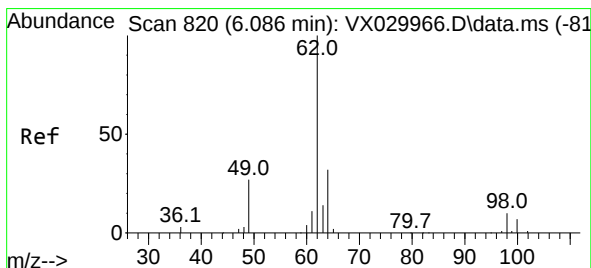
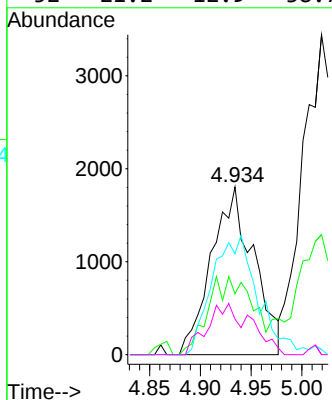
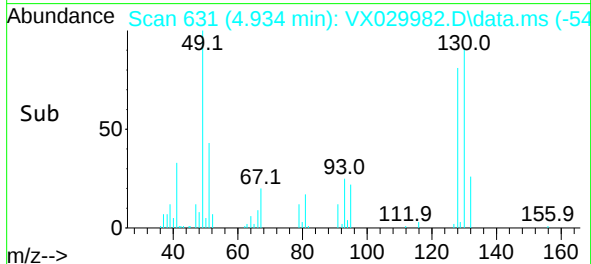
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 41 Resp: 5230
Ion Ratio Lower Upper
41 100
39 36.3 27.0 81.0
67 60.2 33.3 99.8
52 21.2 12.9 38.7

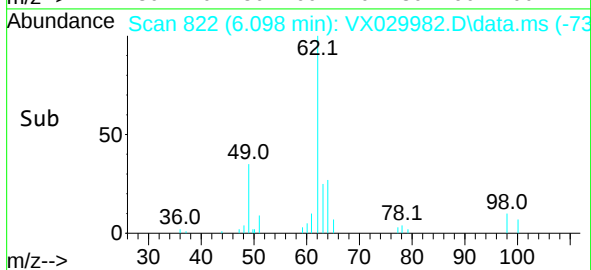
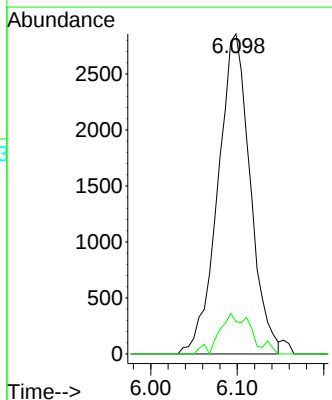
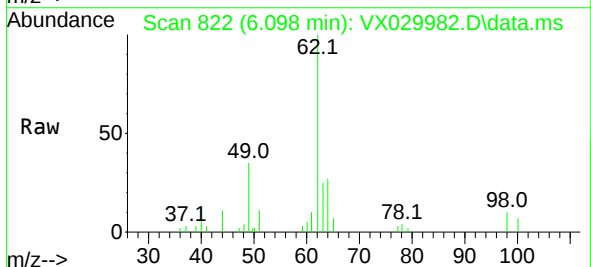
Manual Integrations
APPROVED

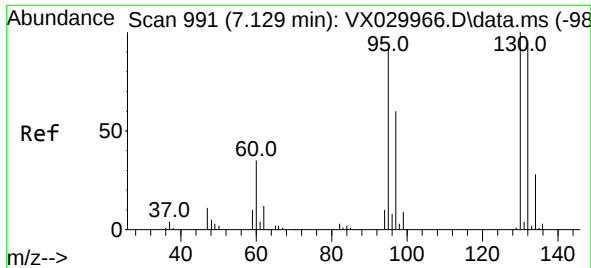
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#36
1,2-Dichloroethane
Concen: 2.578 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.012 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

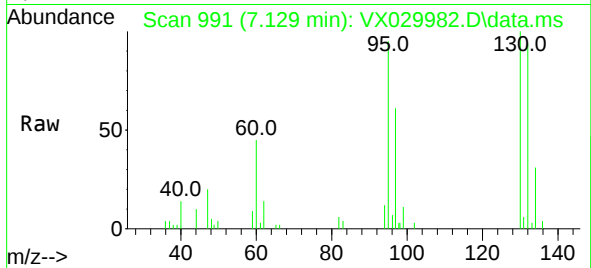
Tgt Ion: 62 Resp: 7387
Ion Ratio Lower Upper
62 100
98 7.7 7.4 11.0





#37
Trichloroethene
Concen: 2.746 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

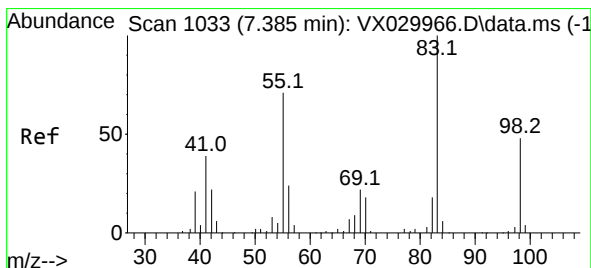
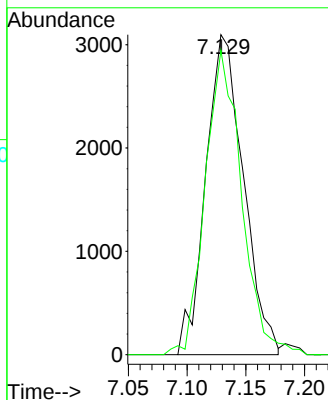
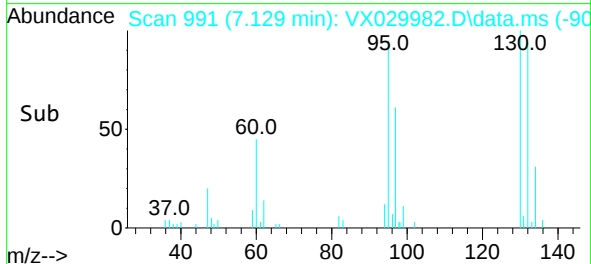
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



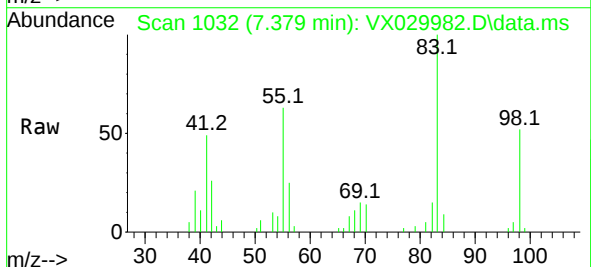
Tgt Ion:130 Resp: 691
Ion Ratio Lower Upper
130 100
95 92.3 76.5 114.7

Manual Integrations
APPROVED

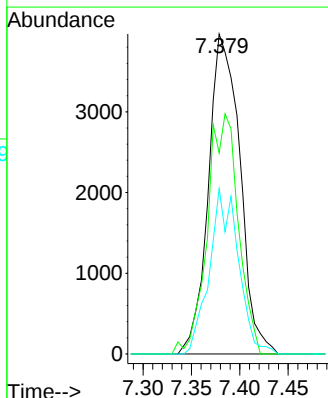
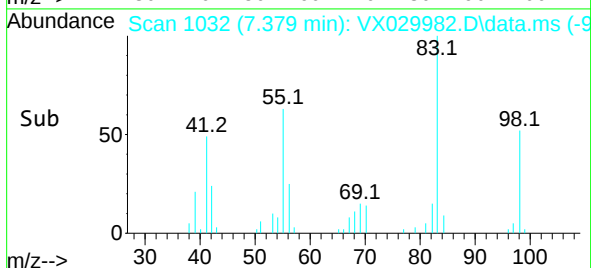
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

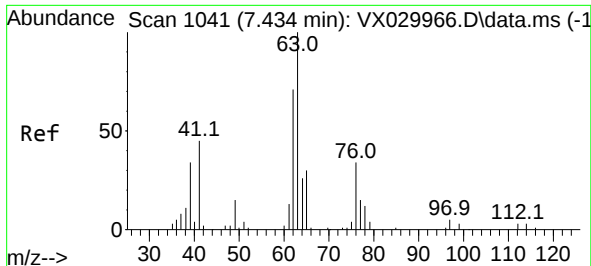


#38
Methylcyclohexane
Concen: 2.361 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49



Tgt Ion: 83 Resp: 8973
Ion Ratio Lower Upper
83 100
55 32.4 37.0 110.9#
98 47.5 25.9 77.8





#39

1,2-Dichloropropane

Concen: 2.665 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX029982.D

Acq: 08 Jul 2022 18:49

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 63 Resp: 638

Ion Ratio Lower Upper

63 100

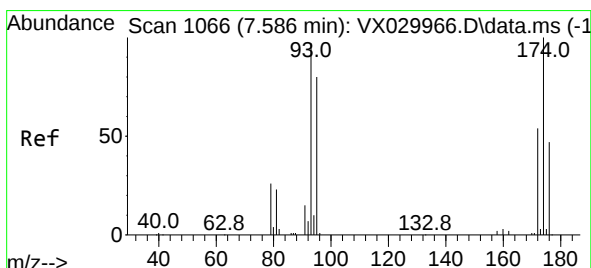
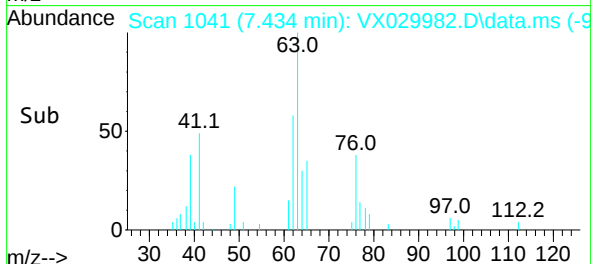
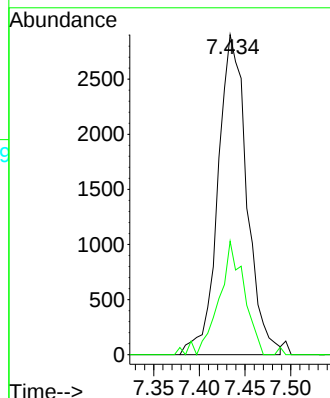
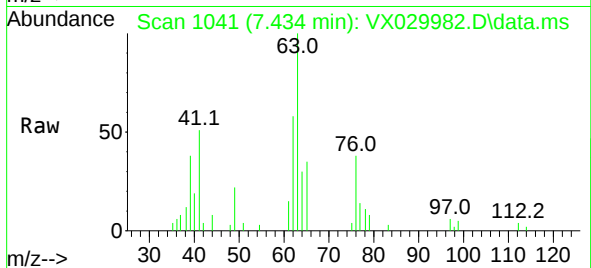
65 33.2 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#40

Dibromomethane

Concen: 2.637 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX029982.D

Acq: 08 Jul 2022 18:49

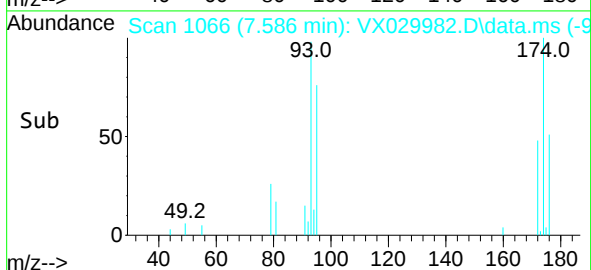
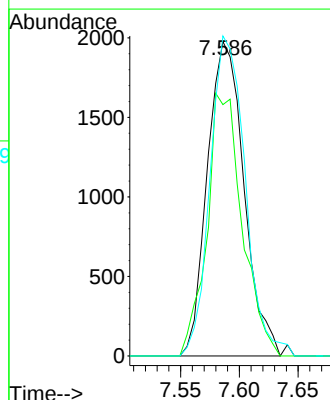
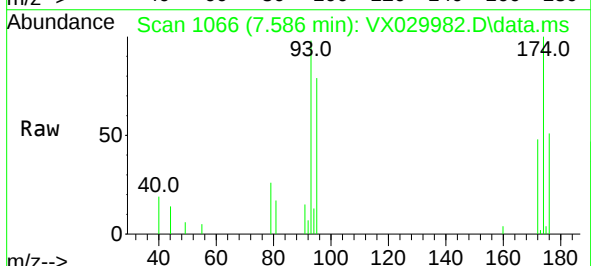
Tgt Ion: 93 Resp: 4283

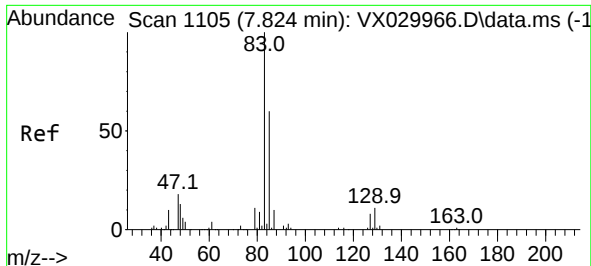
Ion Ratio Lower Upper

93 100

95 80.3 0.0 168.8

174 97.7 0.0 220.8





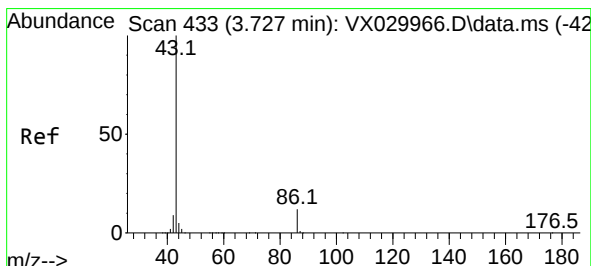
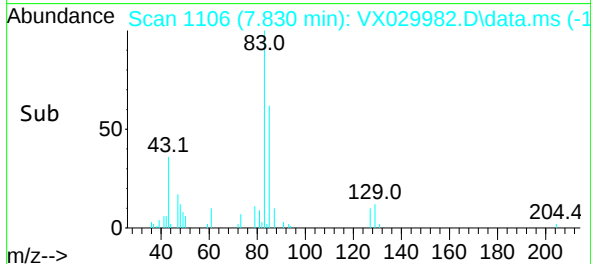
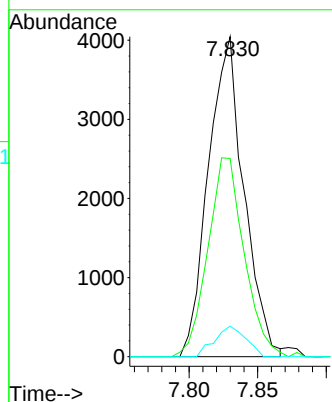
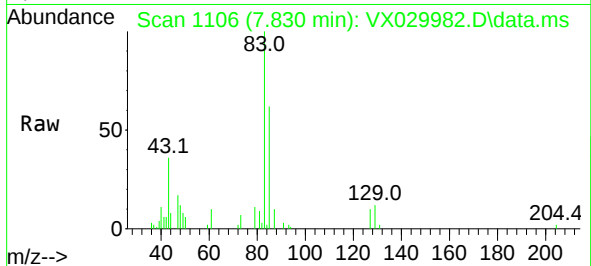
#41
Bromodichloromethane
Concen: 2.515 ug/l
RT: 7.830 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

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

Tgt Ion: 83 Resp: 7298
Ion Ratio Lower Upper
83 100
85 60.5 50.6 75.8
127 9.6 7.0 10.6

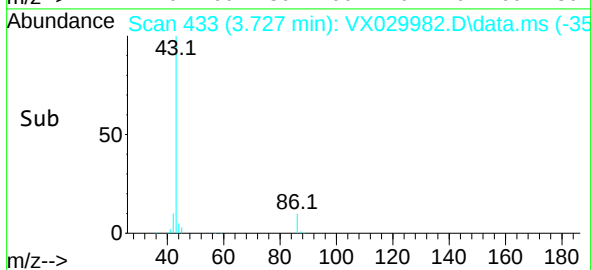
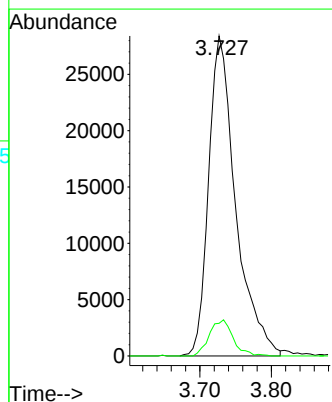
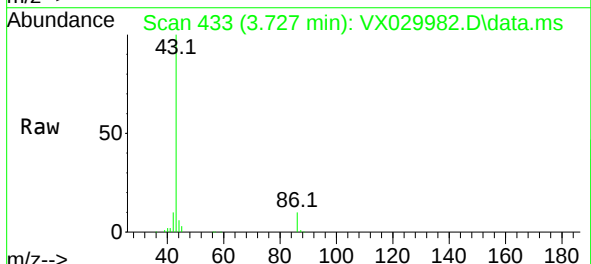
Manual Integrations
APPROVED

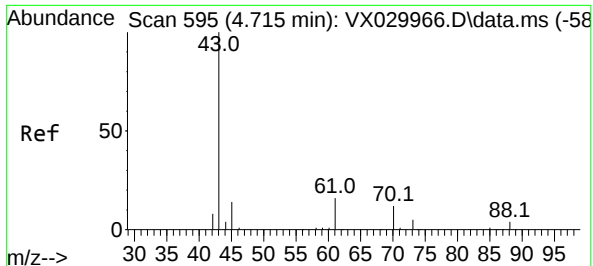
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#42
Vinyl Acetate
Concen: 11.825 ug/l
RT: 3.727 min Scan# 433
Delta R.T. -0.000 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

Tgt Ion: 43 Resp: 74770
Ion Ratio Lower Upper
43 100
86 9.8 8.5 12.7





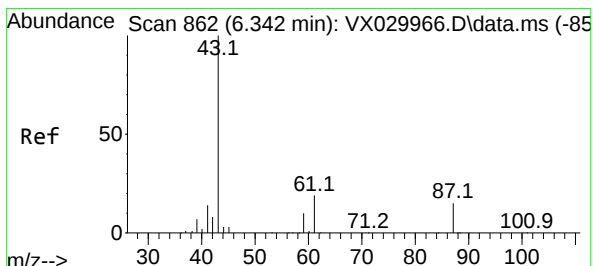
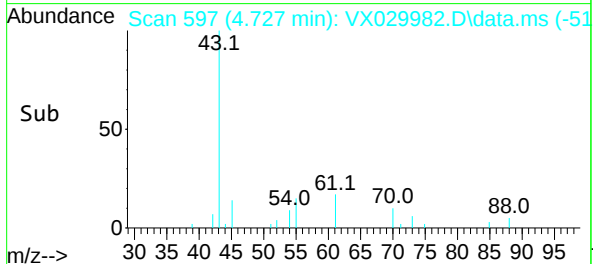
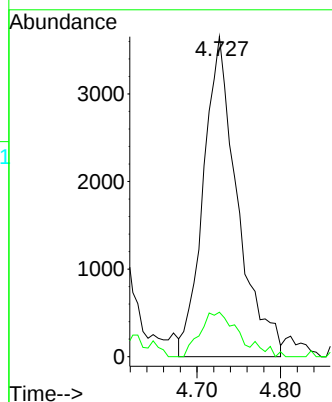
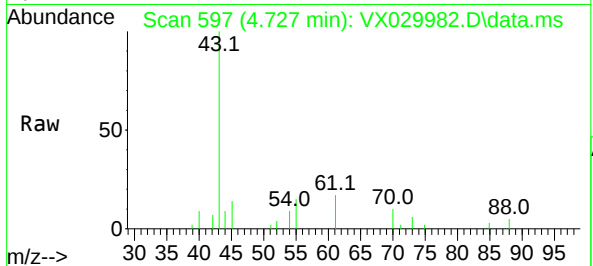
#43
Ethyl Acetate
Concen: 2.769 ug/l m
RT: 4.727 min Scan# 597
Delta R.T. 0.012 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

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

Tgt Ion: 43 Resp: 1031
Ion Ratio Lower Upper
43 100
45 14.4 11.8 17.6

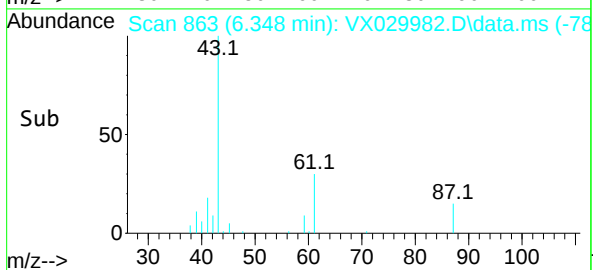
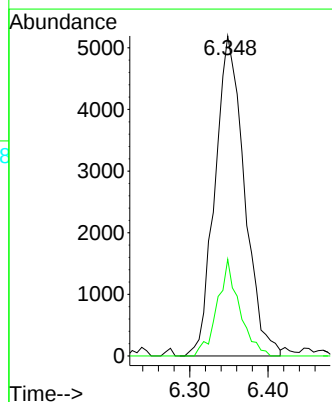
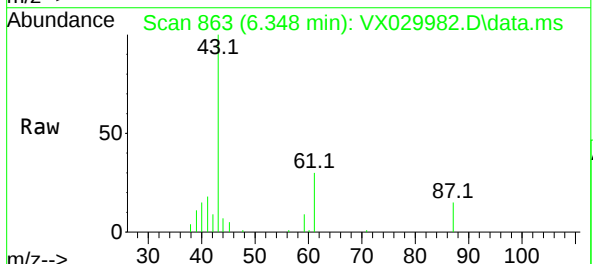
Manual Integrations
APPROVED

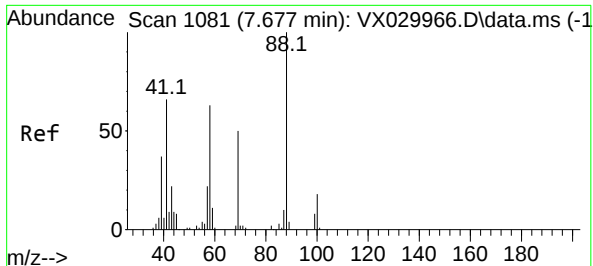
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#44
Isopropyl Acetate
Concen: 2.399 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

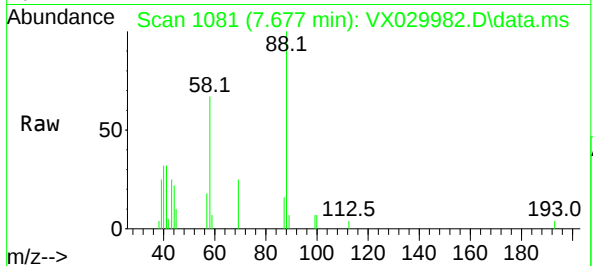
Tgt Ion: 43 Resp: 13574
Ion Ratio Lower Upper
43 100
61 21.3 17.0 25.4





#45
1,4-Dioxane
Concen: 51.657 ug/l m
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

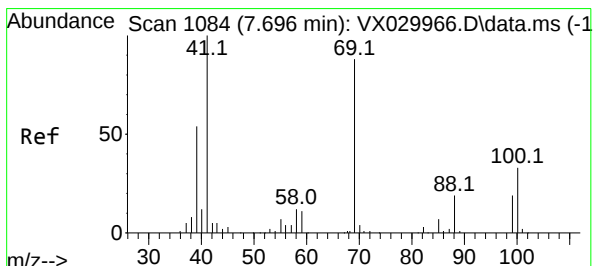
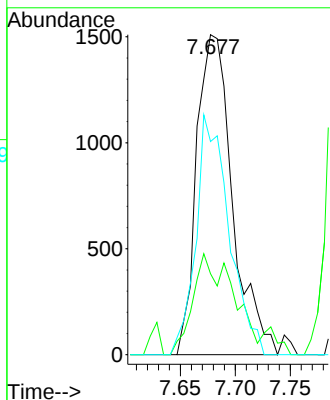
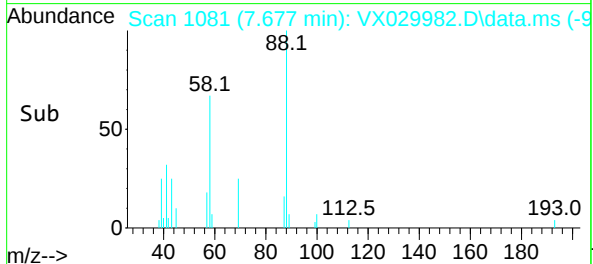
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



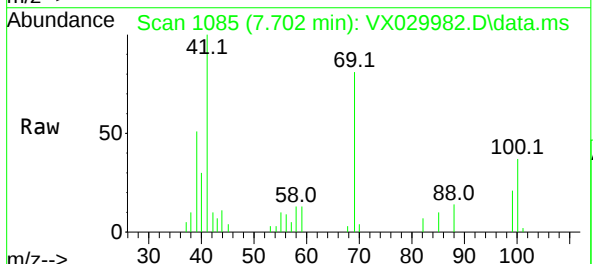
Tgt Ion: 88 Resp: 343
Ion Ratio Lower Upper
88 100
43 20.3 25.8 38.6
58 69.1 54.8 82.2

Manual Integrations
APPROVED

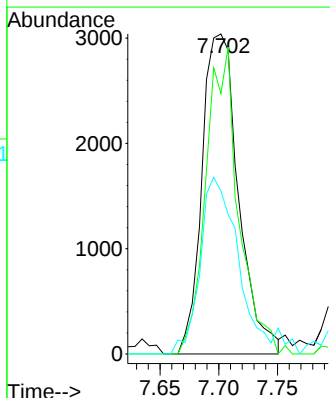
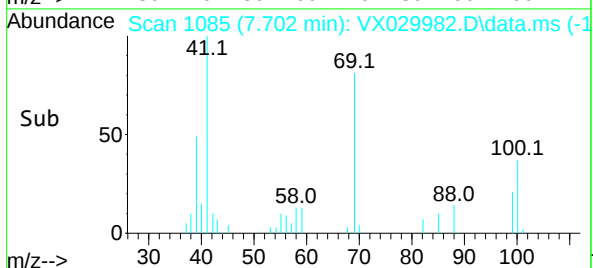
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

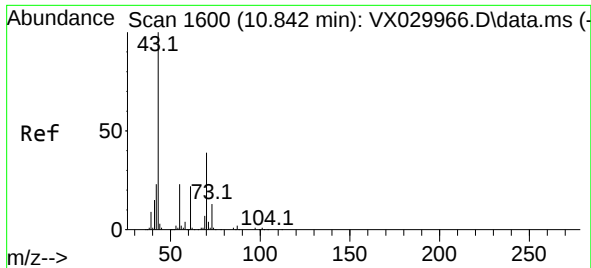


#46
Methyl methacrylate
Concen: 2.453 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49



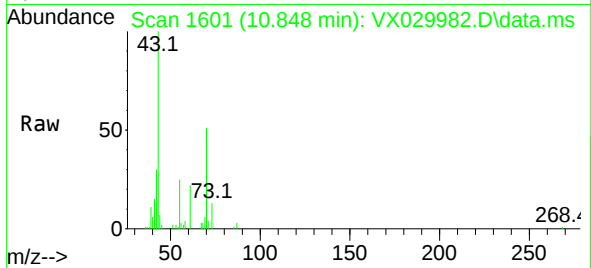
Tgt Ion: 41 Resp: 6578
Ion Ratio Lower Upper
41 100
69 81.3 41.9 125.8
39 46.5 27.5 82.5





#47
n-amy1 Acetate
Concen: 2.121 ug/l
RT: 10.848 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

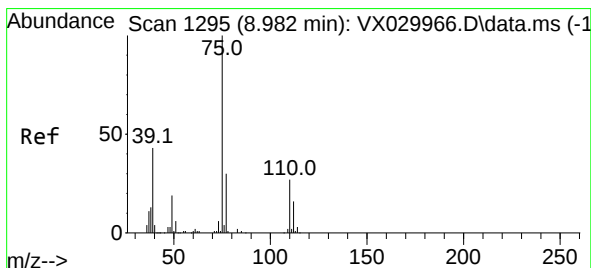
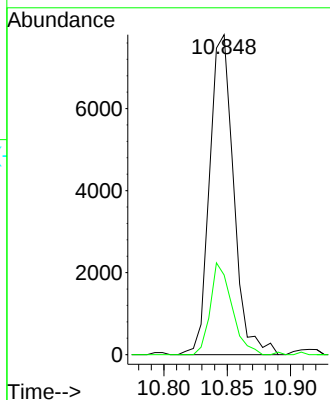
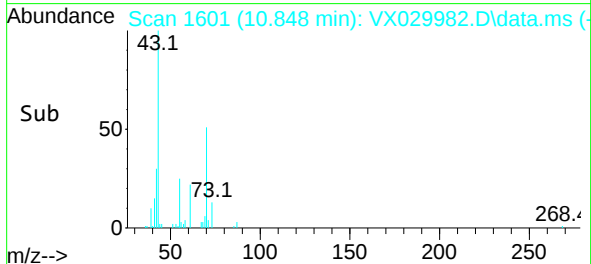
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 43 Resp: 10310
Ion Ratio Lower Upper
43 100
55 25.7 20.4 30.6

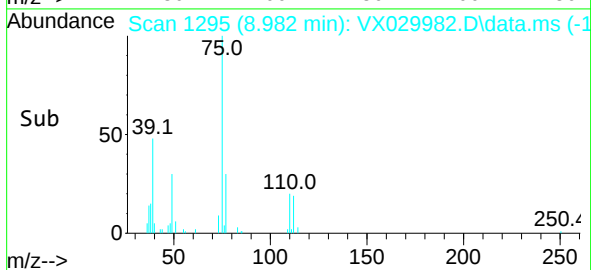
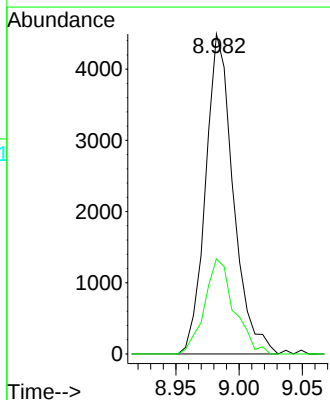
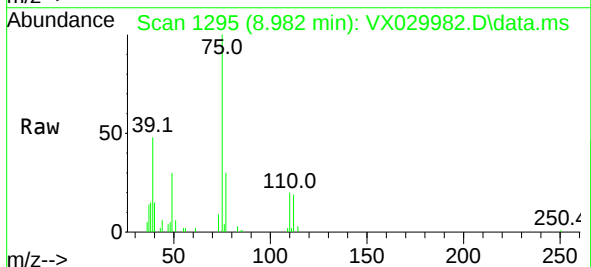
Manual Integrations
APPROVED

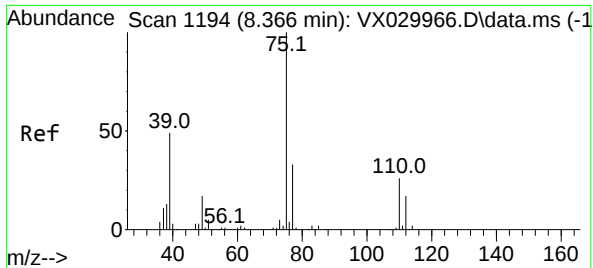
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#48
t-1,3-Dichloropropene
Concen: 2.129 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

Tgt Ion: 75 Resp: 6828
Ion Ratio Lower Upper
75 100
77 29.7 26.6 40.0





#49

cis-1,3-Dichloropropene

Concen: 2.214 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX029982.D

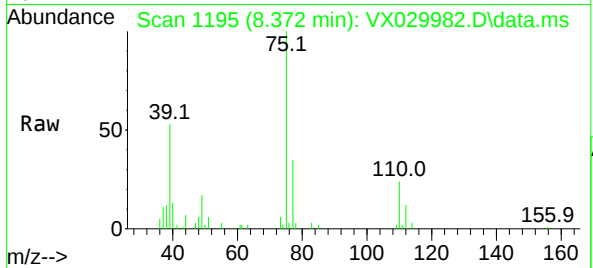
Acq: 08 Jul 2022 18:49

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



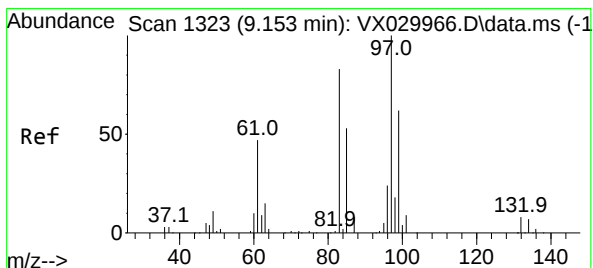
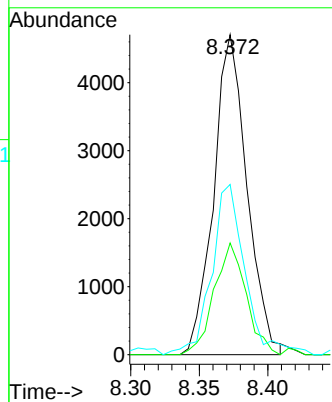
Tgt Ion:	75	Resp:	797
Ion	Ratio	Lower	Upper
75	100		
77	34.9	25.2	37.8
39	51.5	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#50

1,1,2-Trichloroethane

Concen: 2.500 ug/l

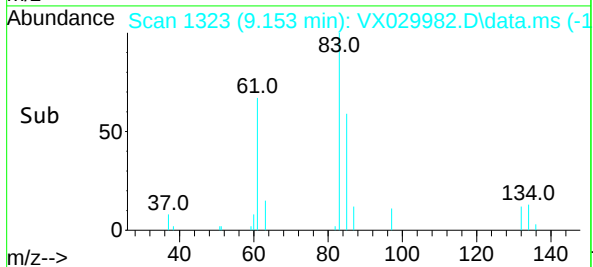
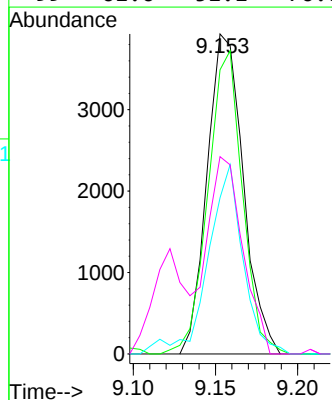
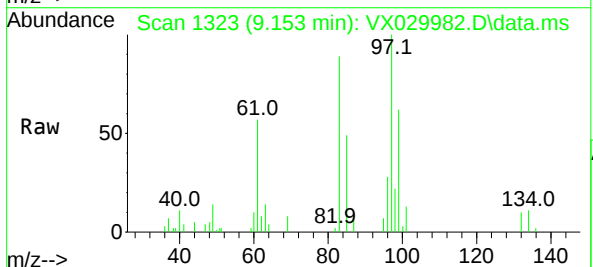
RT: 9.153 min Scan# 1323

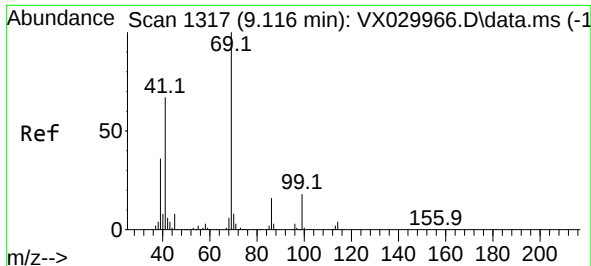
Delta R.T. -0.000 min

Lab File: VX029982.D

Acq: 08 Jul 2022 18:49

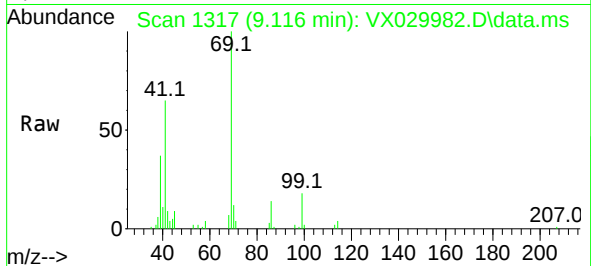
Tgt Ion:	97	Resp:	6016
Ion	Ratio	Lower	Upper
97	100		
83	87.5	66.2	99.4
85	46.7	40.4	60.6
99	61.6	51.1	76.7





#51
Ethyl methacrylate
Concen: 2.387 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

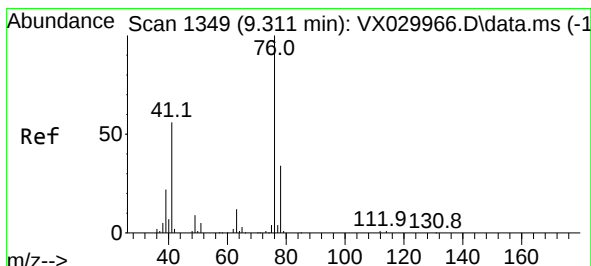
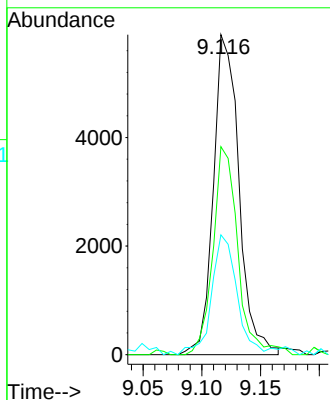
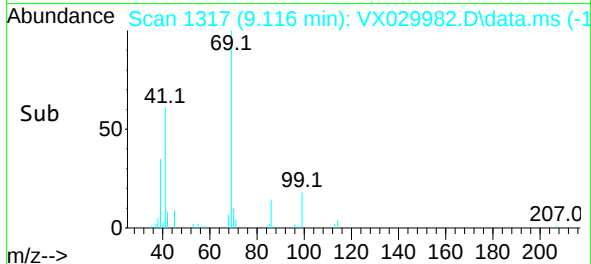
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



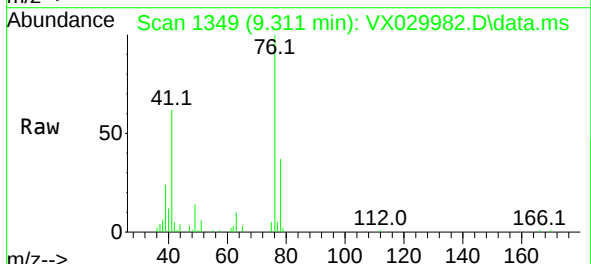
Tgt Ion: 69 Resp: 8938
Ion Ratio Lower Upper
69 100
41 65.0 32.1 96.5
39 37.5 18.3 54.9

Manual Integrations
APPROVED

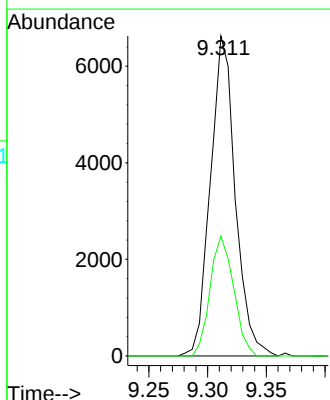
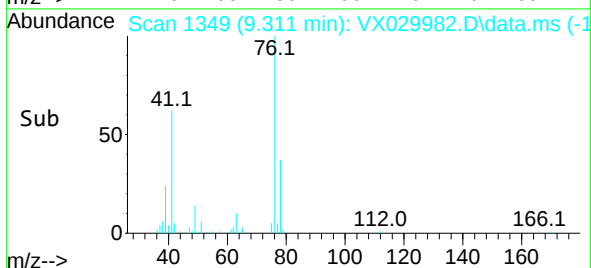
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

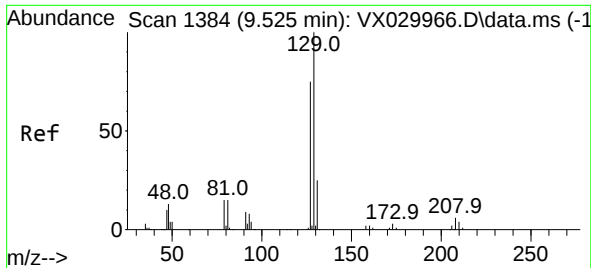


#52
1,3-Dichloropropane
Concen: 2.525 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49



Tgt Ion: 76 Resp: 9774
Ion Ratio Lower Upper
76 100
78 35.4 0.0 64.4





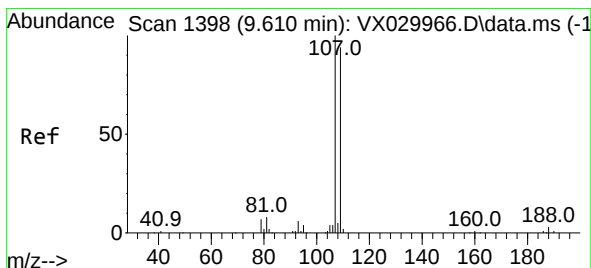
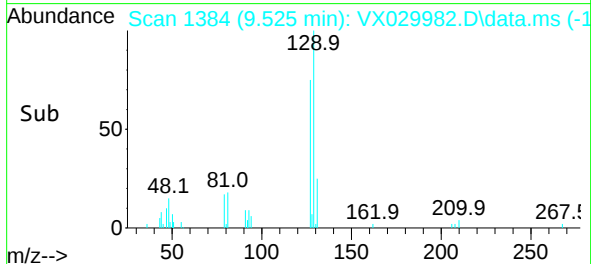
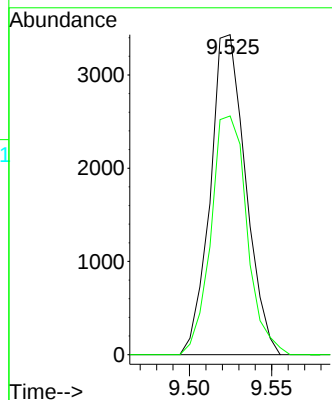
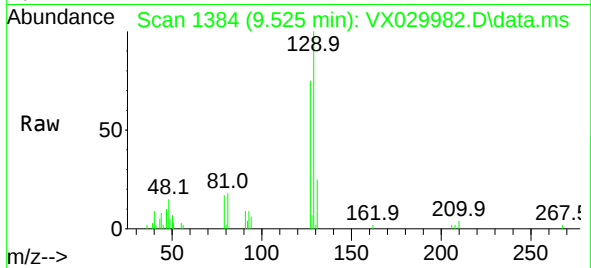
#53
Dibromochloromethane
Concen: 2.308 ug/l
RT: 9.525 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

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

Tgt Ion:129 Resp: 514
Ion Ratio Lower Upper
129 100
127 75.8 38.4 115.1

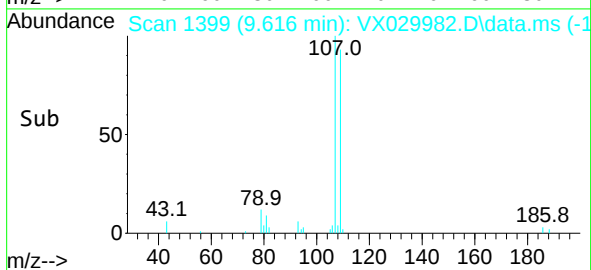
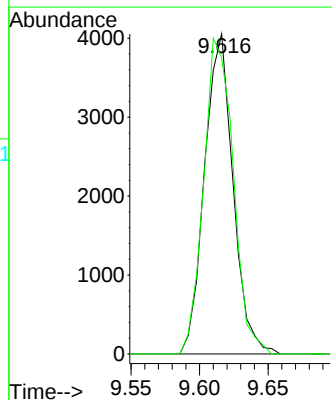
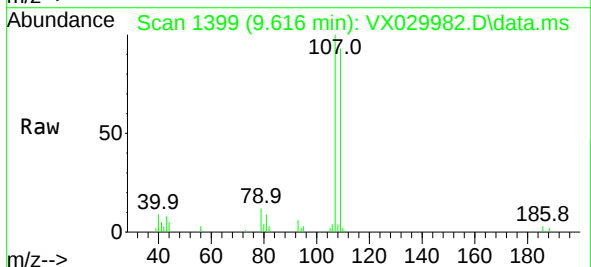
Manual Integrations
APPROVED

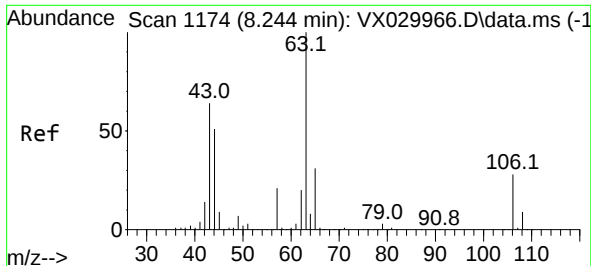
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#54
1,2-Dibromoethane
Concen: 2.347 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

Tgt Ion:107 Resp: 5866
Ion Ratio Lower Upper
107 100
109 102.6 76.2 114.4





#55

2-Chloroethyl vinyl ether

Concen: 11.256 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX029982.D

Acq: 08 Jul 2022 18:49

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

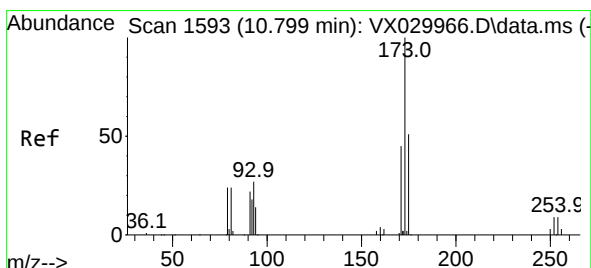
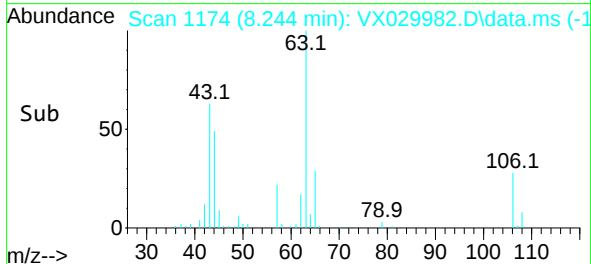
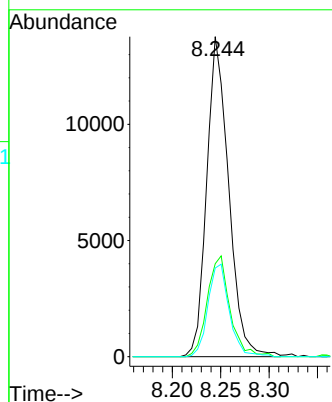
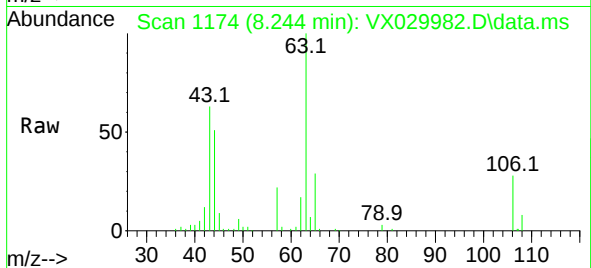
Tgt Ion: 63	Resp: 21728
Ion Ratio	Lower Upper
63 100	
65 32.2	25.9 38.9
106 27.6	25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#56

Bromoform

Concen: 2.220 ug/l

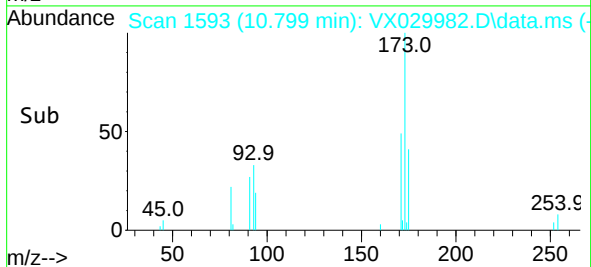
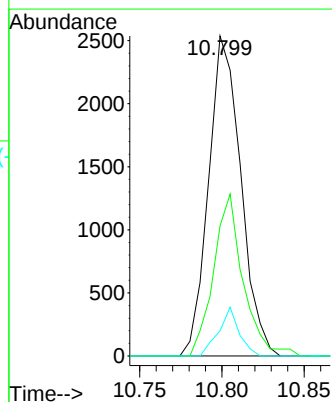
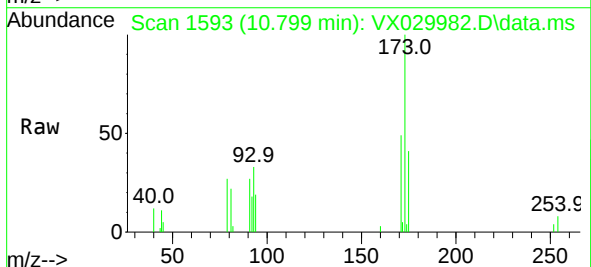
RT: 10.799 min Scan# 1593

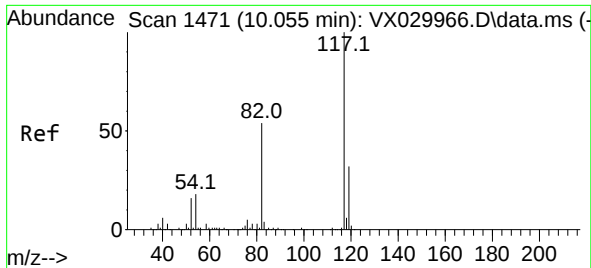
Delta R.T. -0.000 min

Lab File: VX029982.D

Acq: 08 Jul 2022 18:49

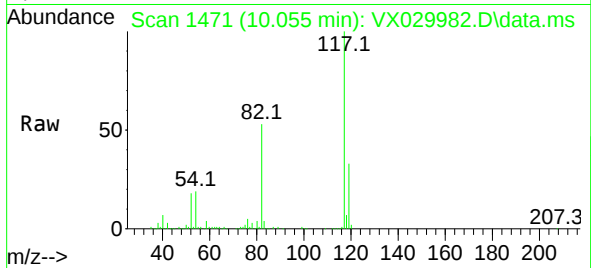
Tgt Ion: 173	Resp: 3462
Ion Ratio	Lower Upper
173 100	
175 45.6	40.3 60.5
254 9.7	7.4 11.2





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

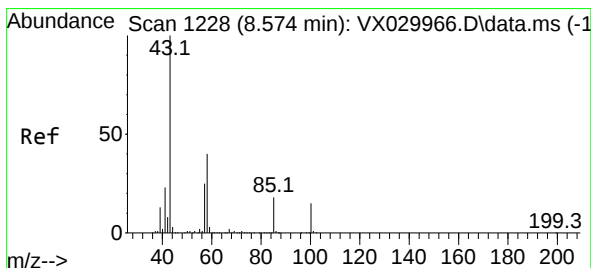
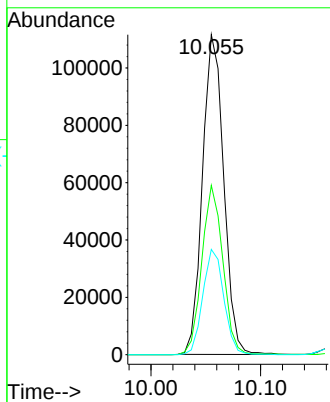
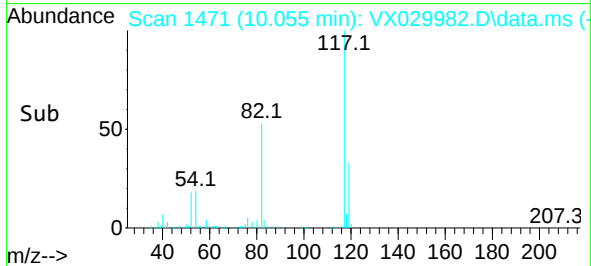
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 117 Resp: 15023
Ion Ratio Lower Upper
117 100
82 52.4 42.3 63.5
119 32.5 26.2 39.2

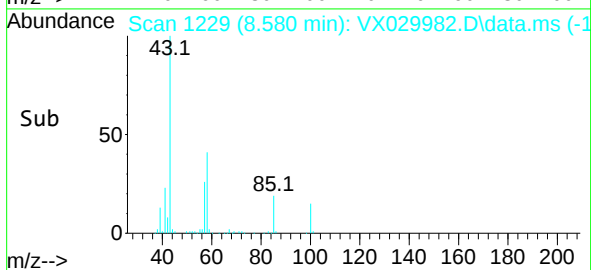
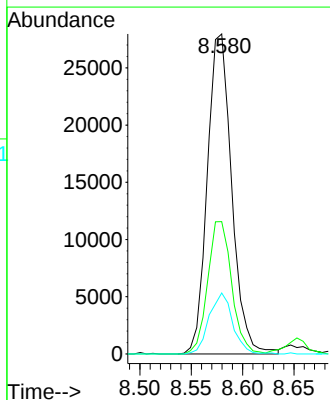
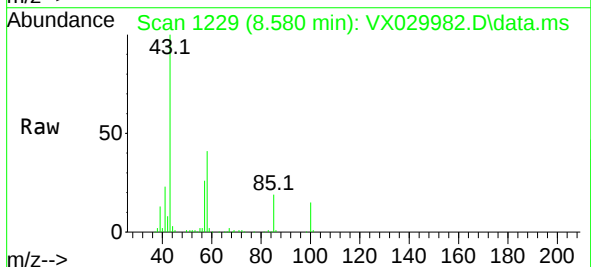
Manual Integrations
APPROVED

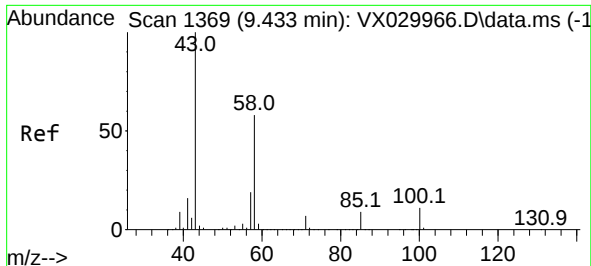
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#58
4-Methyl-2-Pentanone
Concen: 12.469 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

Tgt Ion: 43 Resp: 46271
Ion Ratio Lower Upper
43 100
58 40.7 31.8 47.6
85 18.3 15.8 23.6





#59

2-Hexanone

Concen: 11.879 ug/l

RT: 9.433 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX029982.D

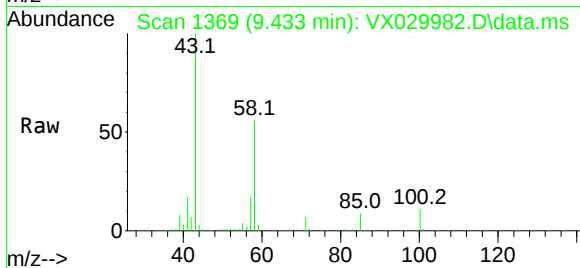
Acq: 08 Jul 2022 18:49

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



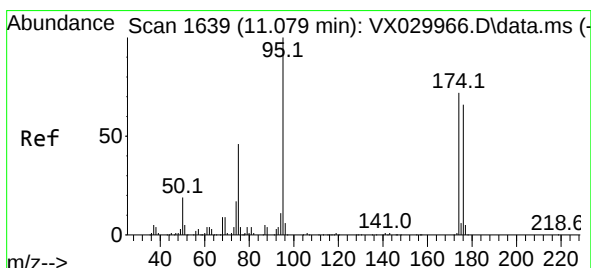
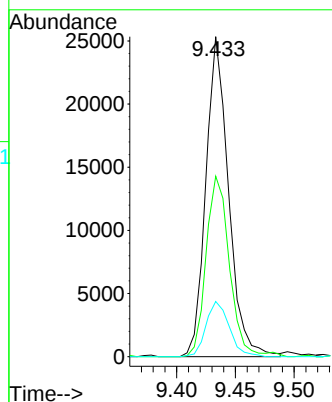
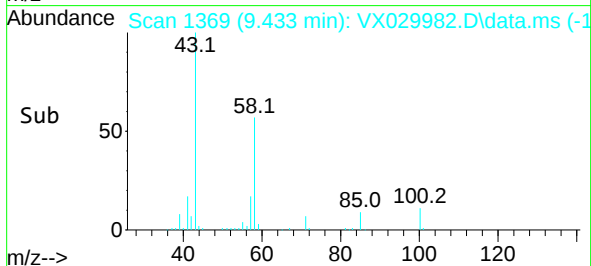
Tgt Ion:	43	Resp:	3409
Ion Ratio	100	Lower	Upper
43	100		
58	57.4	44.1	66.1
57	17.7	16.2	24.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#60

4-Bromofluorobenzene

Concen: 28.598 ug/l

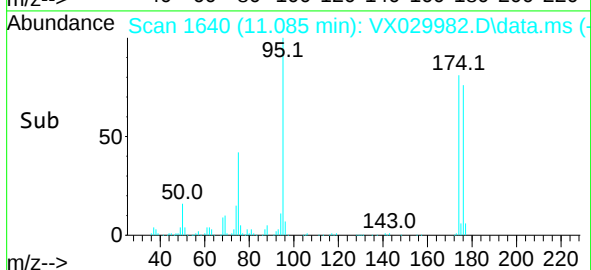
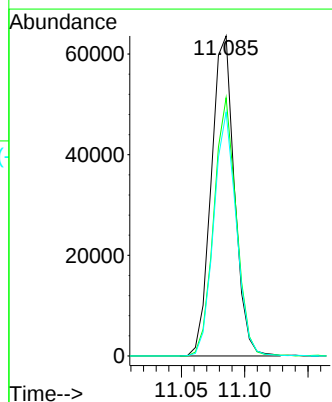
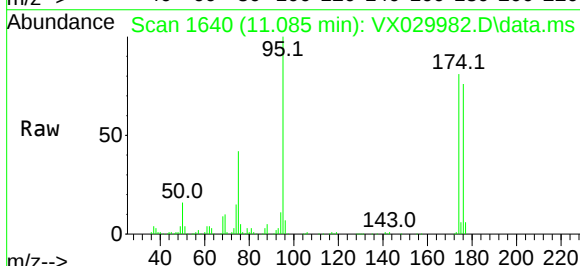
RT: 11.085 min Scan# 1640

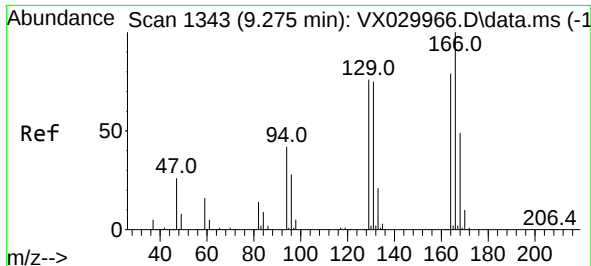
Delta R.T. 0.006 min

Lab File: VX029982.D

Acq: 08 Jul 2022 18:49

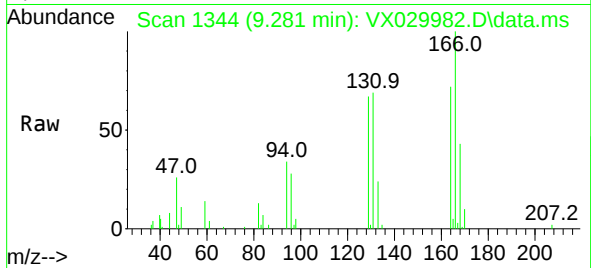
Tgt Ion:	95	Resp:	80971
Ion Ratio	100	Lower	Upper
95	100		
174	78.1	65.4	98.2
176	73.6	63.4	95.0





#61
Tetrachloroethene
Concen: 2.647 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

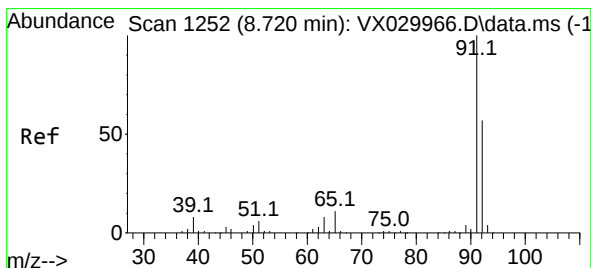
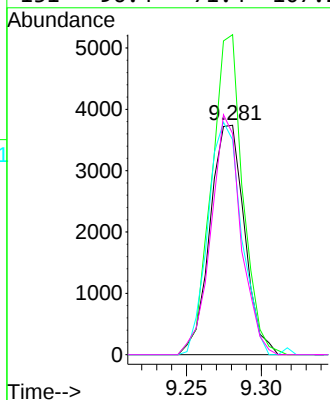
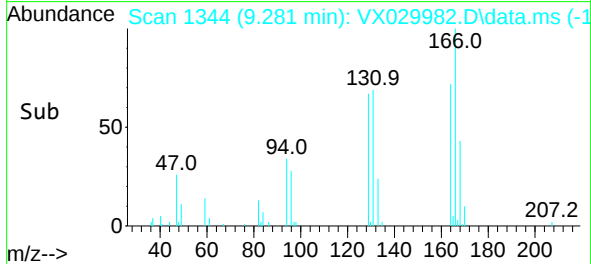
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



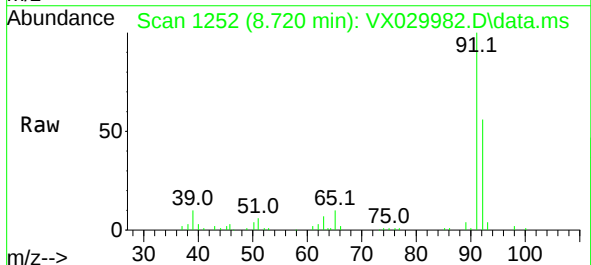
Tgt Ion:164 Resp: 5972
Ion Ratio Lower Upper
164 100
166 139.5 105.0 157.6
129 93.7 78.5 117.7
131 96.4 71.4 107.2

Manual Integrations
APPROVED

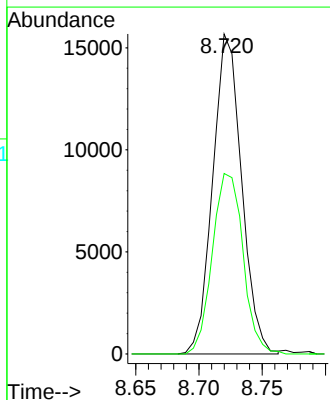
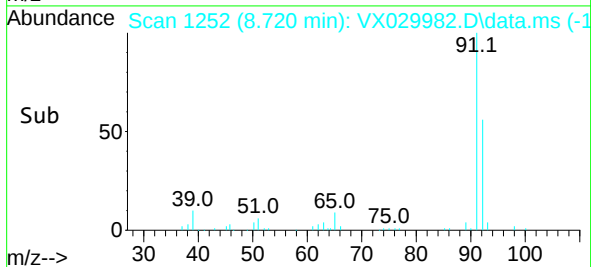
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

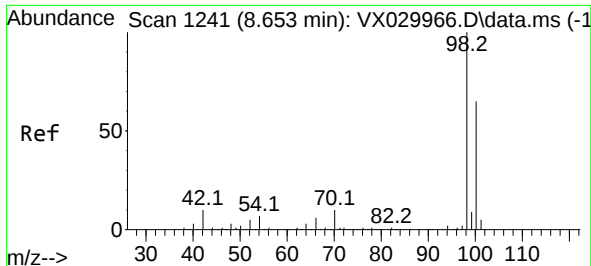


#62
Toluene
Concen: 2.487 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49



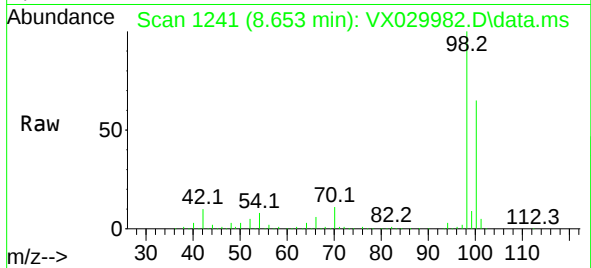
Tgt Ion: 91 Resp: 24855
Ion Ratio Lower Upper
91 100
92 59.9 48.1 72.1





#63
Toluene-d8
Concen: 29.996 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

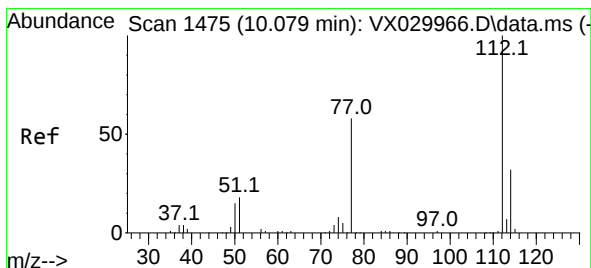
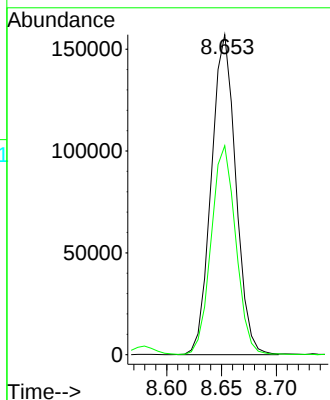
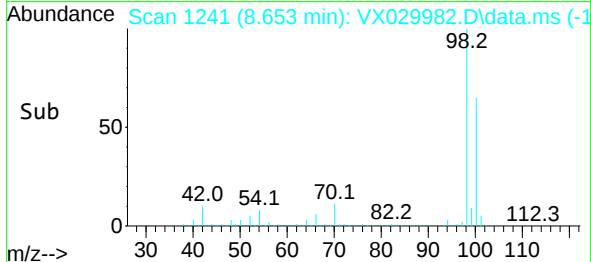
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 98 Resp: 244360
Ion Ratio Lower Upper
98 100
100 65.6 51.4 77.2

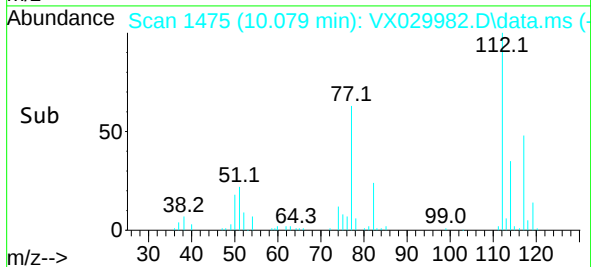
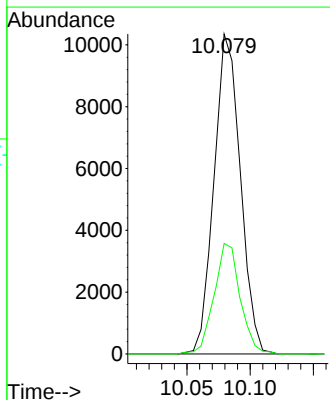
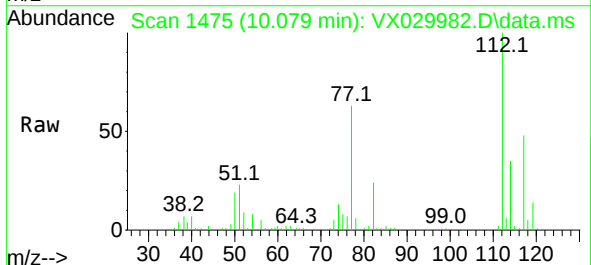
Manual Integrations
APPROVED

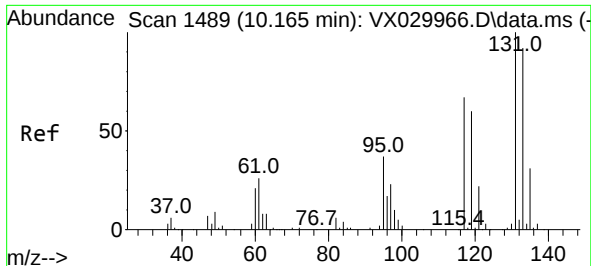
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#64
Chlorobenzene
Concen: 2.509 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

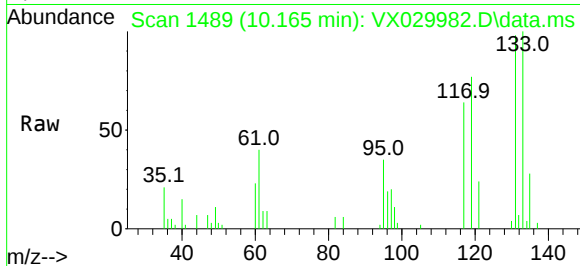
Tgt Ion:112 Resp: 14974
Ion Ratio Lower Upper
112 100
114 34.5 26.0 39.0





#65
1,1,1,2-Tetrachloroethane
Concen: 2.351 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

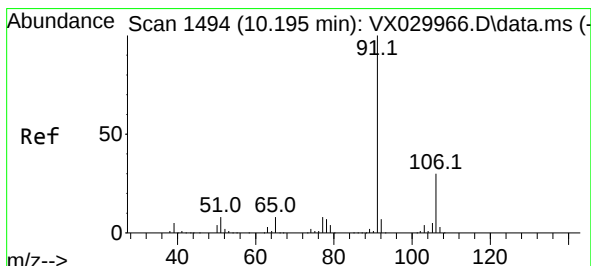
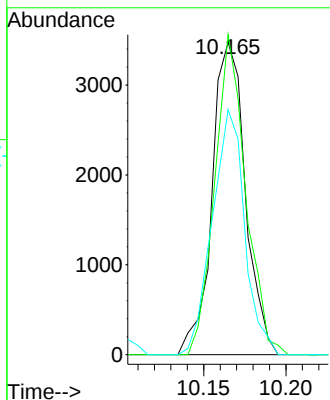
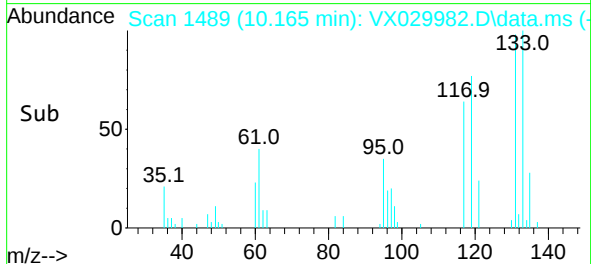
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



Tgt Ion:131 Resp: 4892
Ion Ratio Lower Upper
131 100
133 95.2 0.0 197.2
119 76.2 0.0 127.4

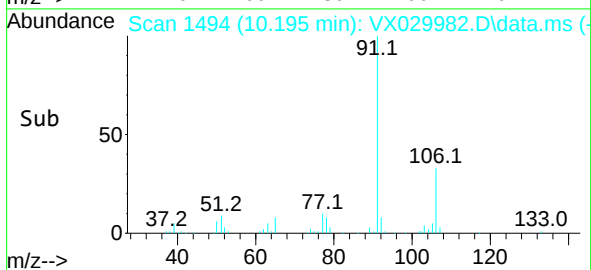
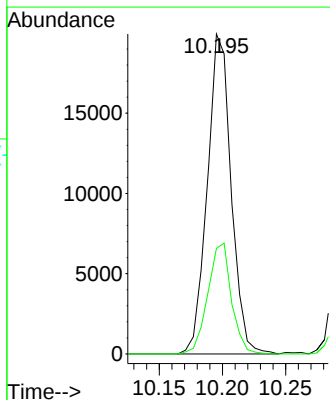
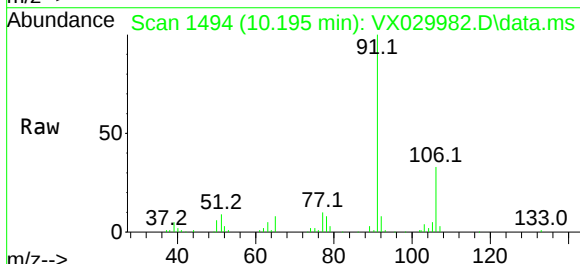
Manual Integrations
APPROVED

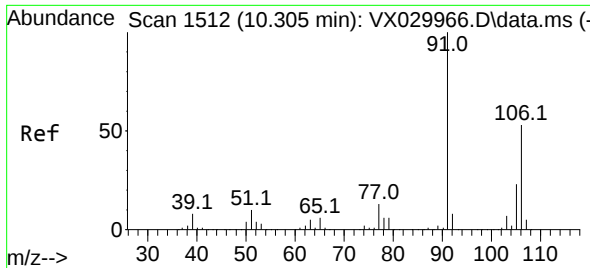
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#66
Ethyl Benzene
Concen: 2.461 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

Tgt Ion: 91 Resp: 26134
Ion Ratio Lower Upper
91 100
106 33.0 25.8 38.8





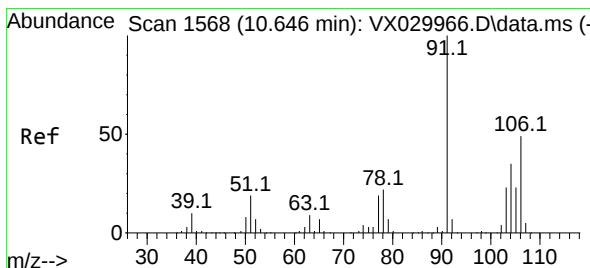
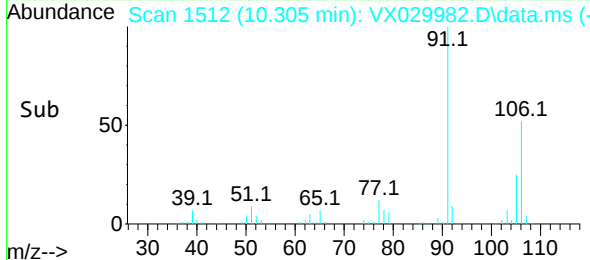
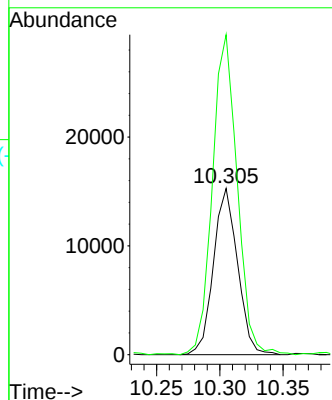
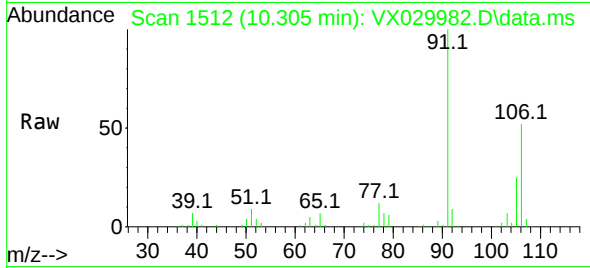
#67
m/p-Xylenes
Concen: 4.915 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

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

Tgt Ion:106 Resp: 2025
Ion Ratio Lower Upper
106 100
91 197.4 159.5 239.3

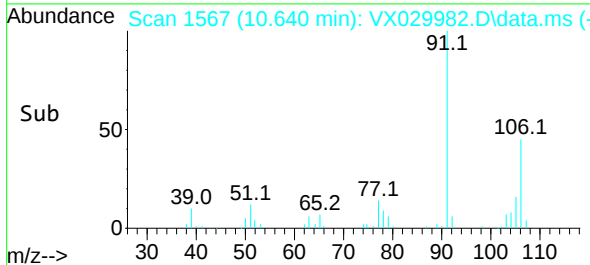
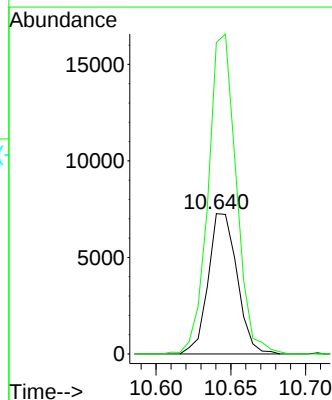
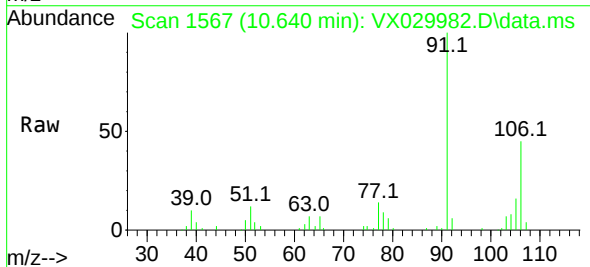
Manual Integrations
APPROVED

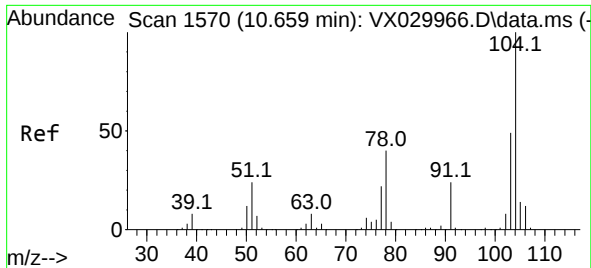
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#68
o-Xylene
Concen: 2.385 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

Tgt Ion:106 Resp: 9788
Ion Ratio Lower Upper
106 100
91 221.4 105.4 316.2





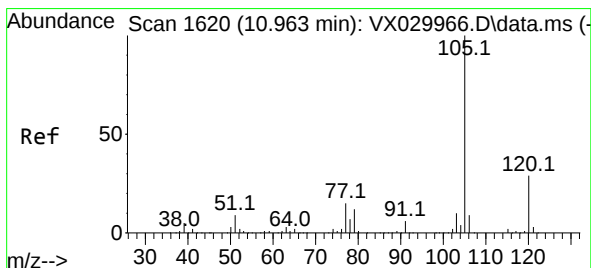
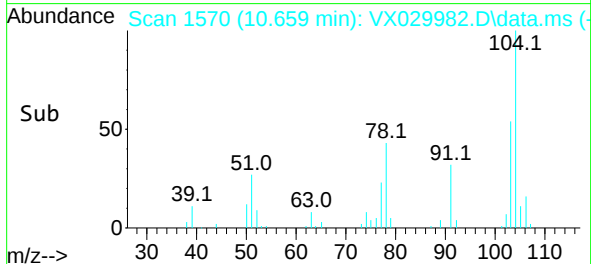
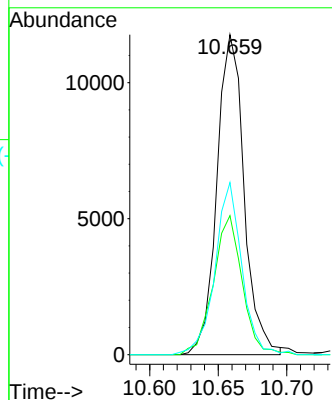
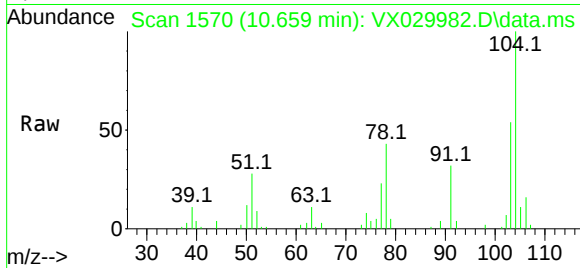
#69
Styrene
Concen: 2.392 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

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

Tgt Ion:104 Resp: 16248
Ion Ratio Lower Upper
104 100
78 46.3 39.7 59.5
103 53.1 42.7 64.1

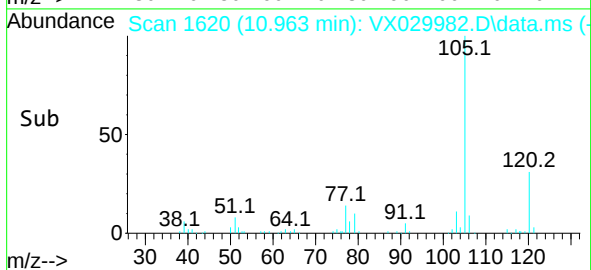
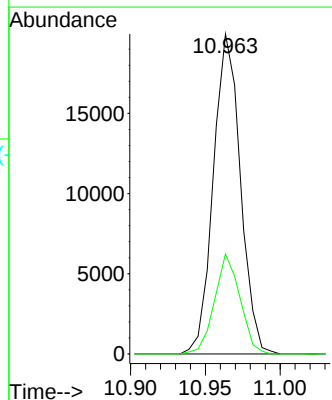
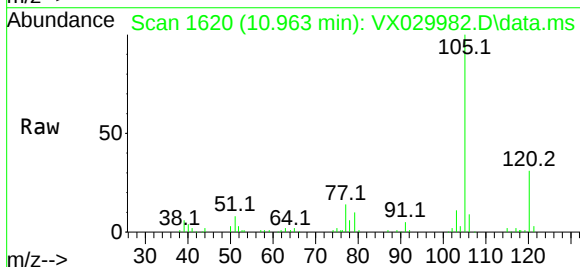
Manual Integrations
APPROVED

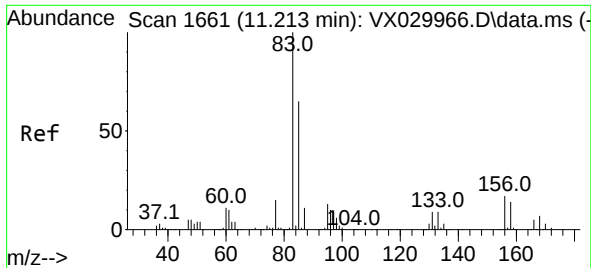
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#70
Isopropylbenzene
Concen: 2.427 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

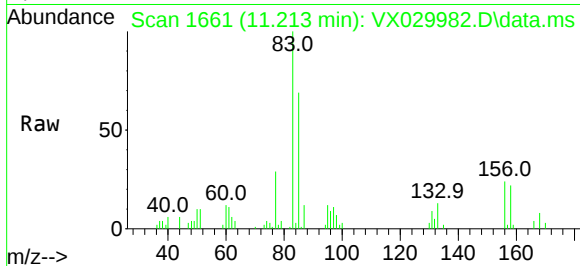
Tgt Ion:105 Resp: 25082
Ion Ratio Lower Upper
105 100
120 29.4 18.8 34.8





#71
1,1,2,2-Tetrachloroethane
Concen: 2.425 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

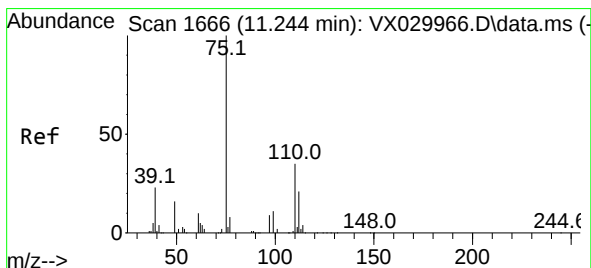
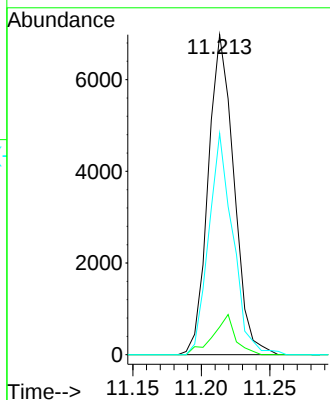
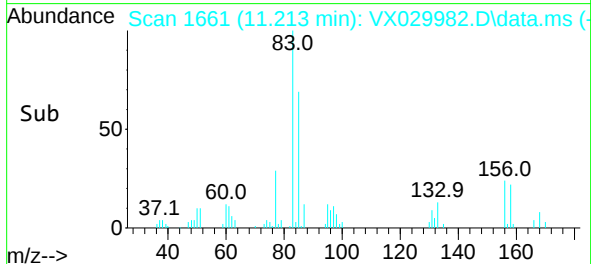
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



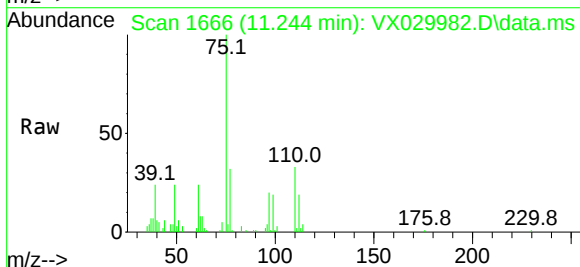
Tgt Ion: 83 Resp: 911
Ion Ratio Lower Upper
83 100
131 10.8 5.8 17.3
85 64.3 32.0 96.2

Manual Integrations
APPROVED

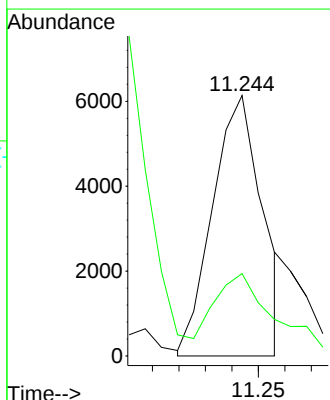
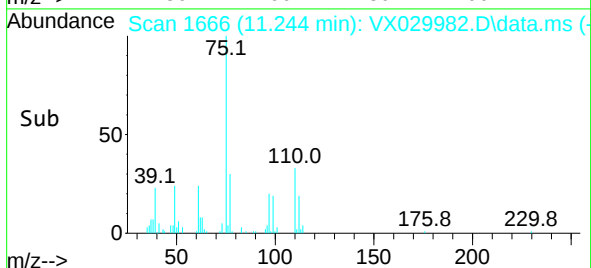
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

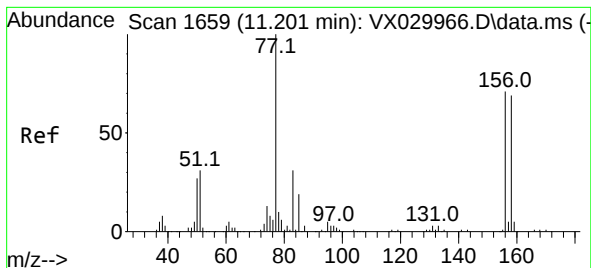


#72
1,2,3-Trichloropropane
Concen: 2.379 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49



Tgt Ion: 75 Resp: 8036
Ion Ratio Lower Upper
75 100
77 39.3 0.0 78.6





#73

Bromobenzene

Concen: 2.379 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX029982.D

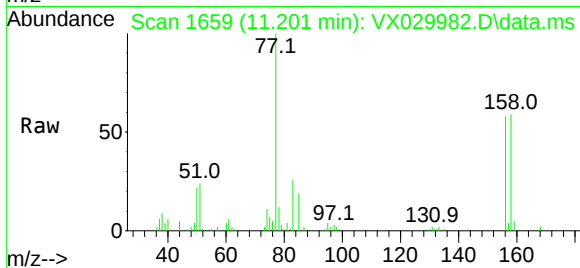
Acq: 08 Jul 2022 18:49

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



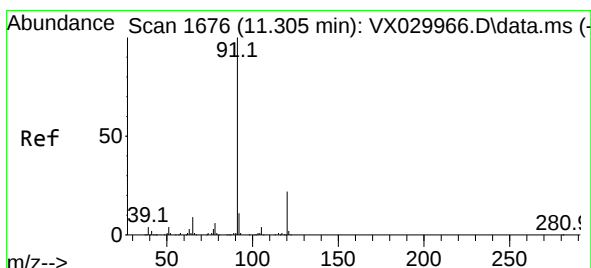
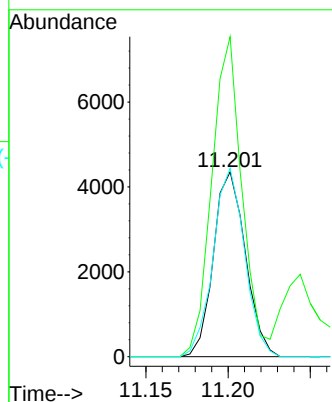
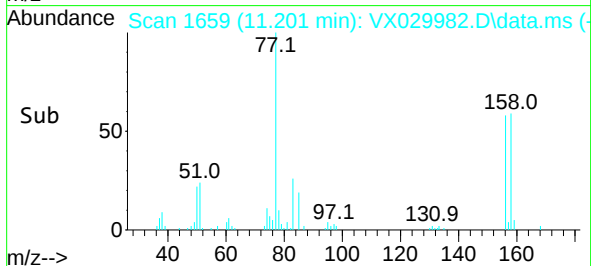
Tgt Ion:	156	Resp:	589
Ion Ratio	Lower	Upper	
156	100		
77	163.7	0.0	297.6
158	100.5	0.0	188.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#74

n-propylbenzene

Concen: 2.197 ug/l

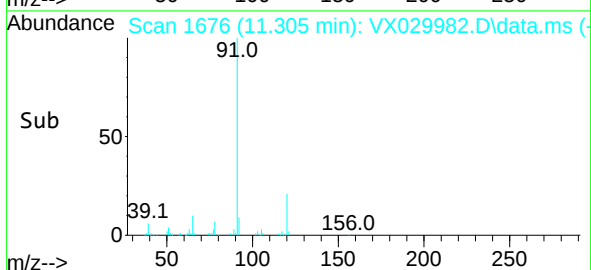
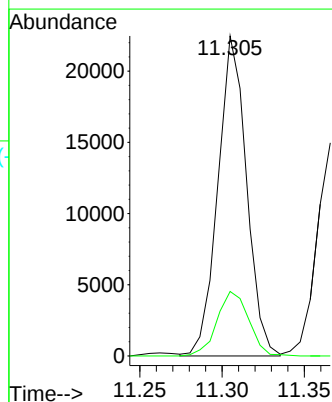
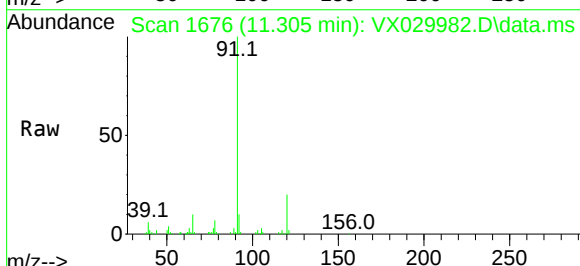
RT: 11.305 min Scan# 1676

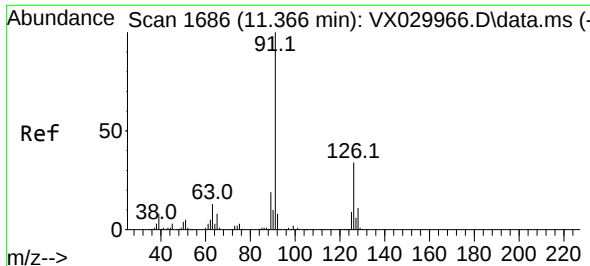
Delta R.T. -0.000 min

Lab File: VX029982.D

Acq: 08 Jul 2022 18:49

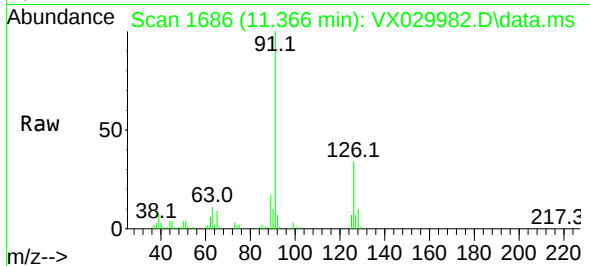
Tgt Ion:	91	Resp:	27235
Ion Ratio	Lower	Upper	
91	100		
120	22.2	0.0	48.0





#75
2-Chlorotoluene
Concen: 2.514 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

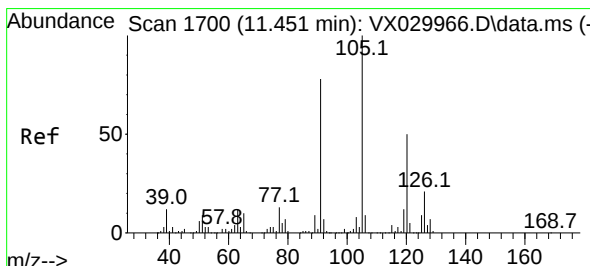
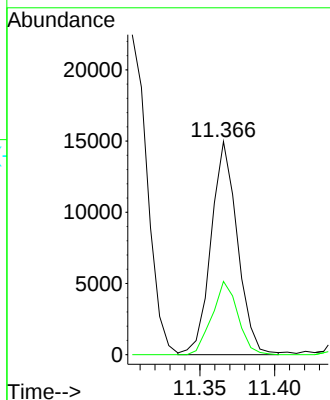
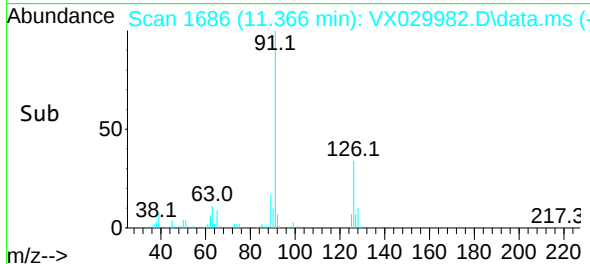
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



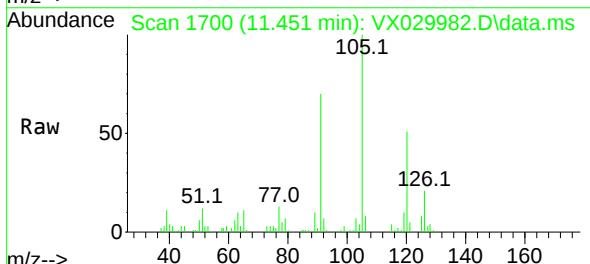
Tgt Ion: 91 Resp: 1835
Ion Ratio Lower Upper
91 100
126 33.6 0.0 68.6

Manual Integrations
APPROVED

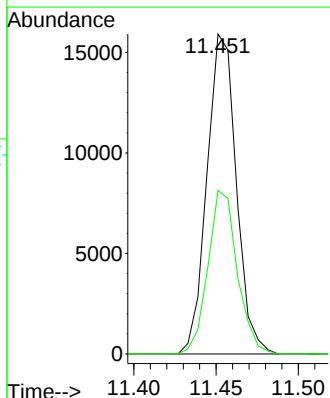
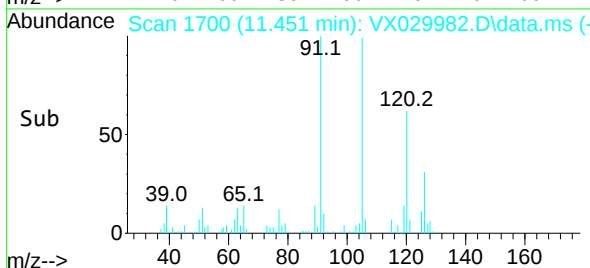
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

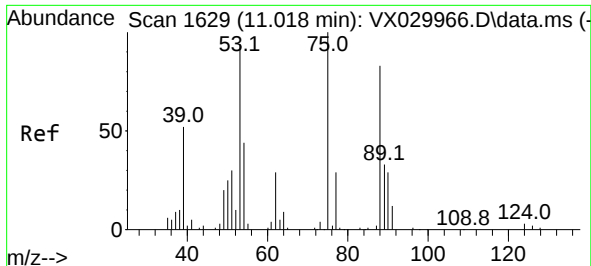


#76
1,3,5-Trimethylbenzene
Concen: 2.277 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49



Tgt Ion:105 Resp: 19752
Ion Ratio Lower Upper
105 100
120 51.0 0.0 98.0





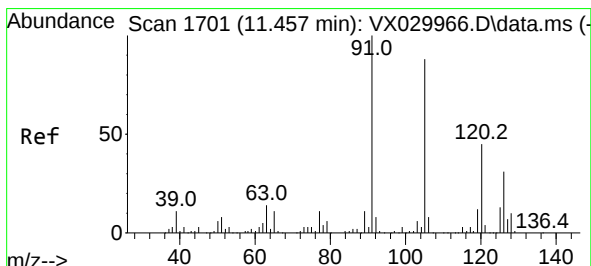
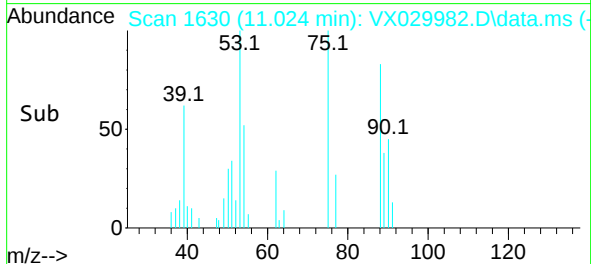
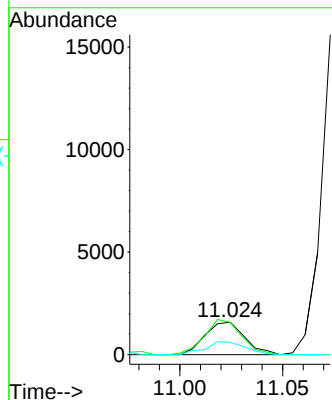
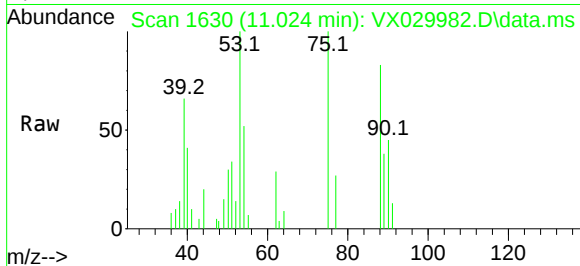
#77
t-1,4-Dichloro-2-butene
Concen: 1.833 ug/l
RT: 11.024 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

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

Tgt Ion: 75 Resp: 2130
Ion Ratio Lower Upper
75 100
53 99.7 59.7 179.1
89 38.4 23.1 69.2

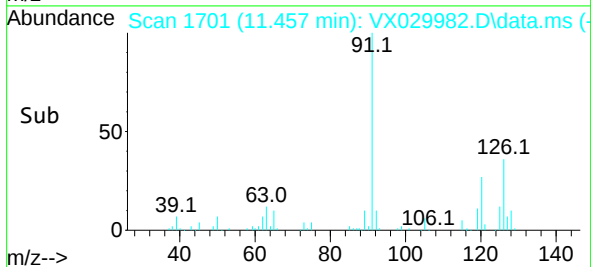
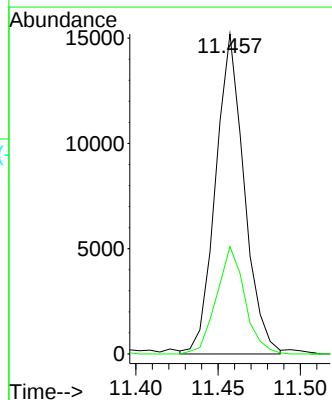
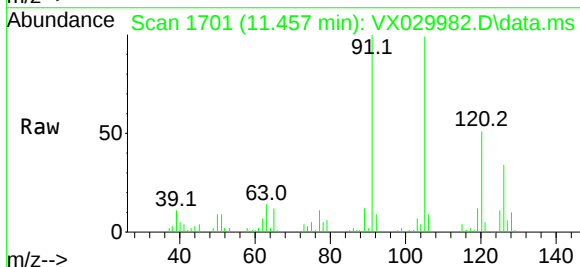
Manual Integrations
APPROVED

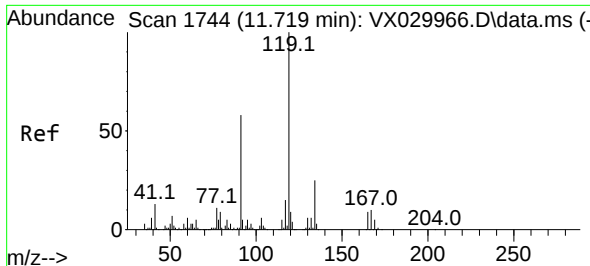
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#78
4-Chlorotoluene
Concen: 2.243 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

Tgt Ion: 91 Resp: 18376
Ion Ratio Lower Upper
91 100
126 33.2 0.0 59.8





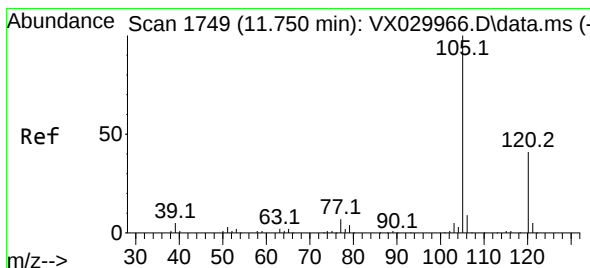
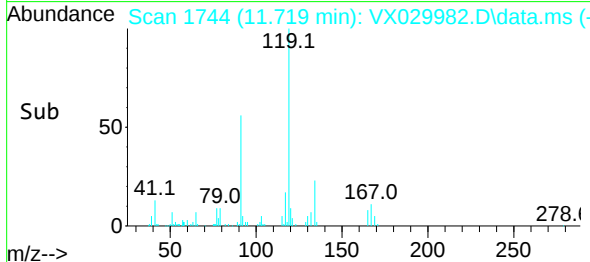
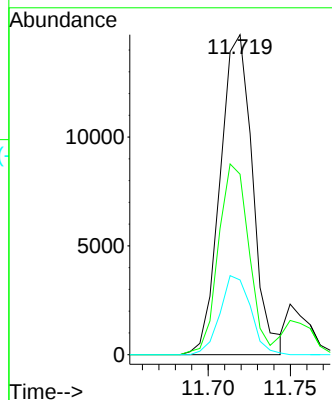
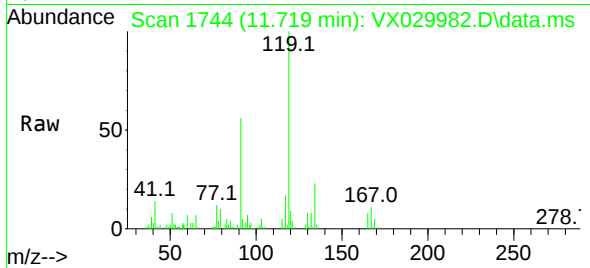
#79
tert-butylbenzene
Concen: 2.395 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

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

Tgt Ion:119 Resp: 20210
Ion Ratio Lower Upper
119 100
91 56.0 0.0 119.4
134 23.3 0.0 48.4

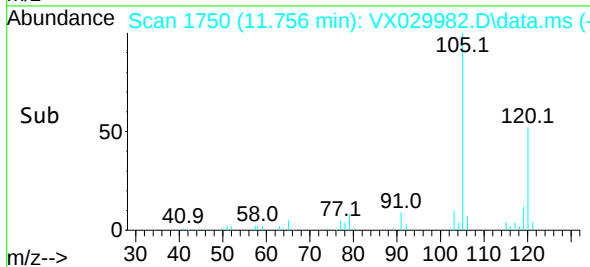
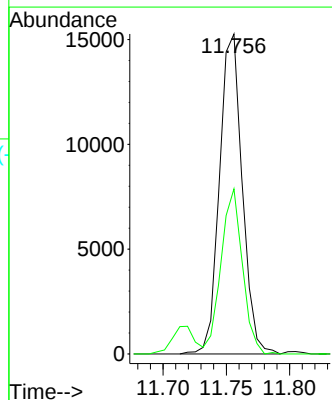
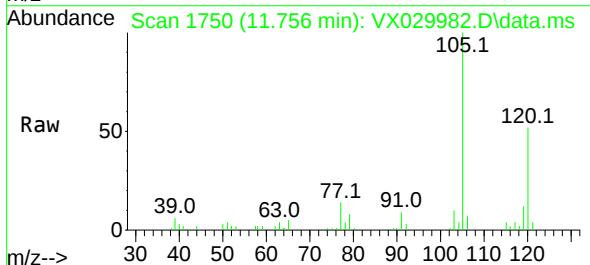
Manual Integrations
APPROVED

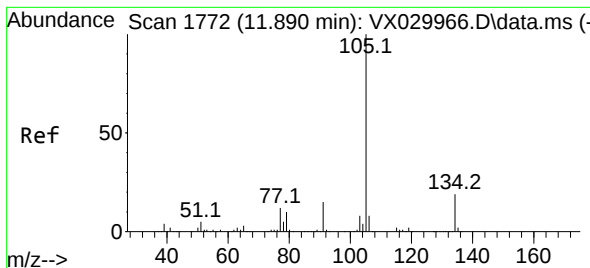
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#80
1,2,4-Trimethylbenzene
Concen: 2.136 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

Tgt Ion:105 Resp: 19048
Ion Ratio Lower Upper
105 100
120 48.5 0.0 89.6





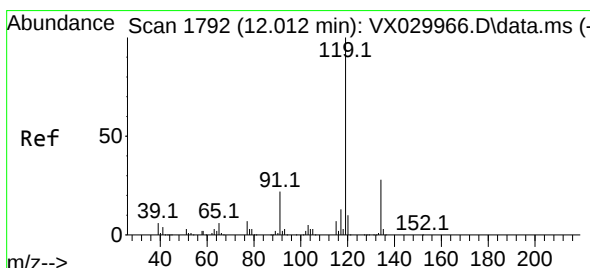
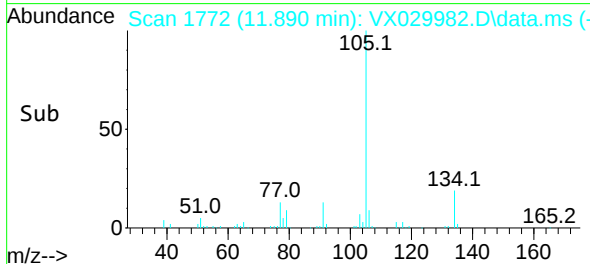
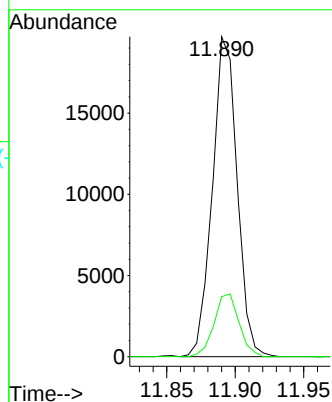
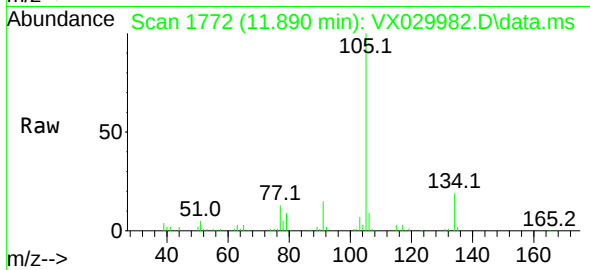
#81
 sec-Butylbenzene
 Concen: 2.164 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX029982.D
 Acq: 08 Jul 2022 18:49

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

Tgt Ion:105 Resp: 2472
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 41.2

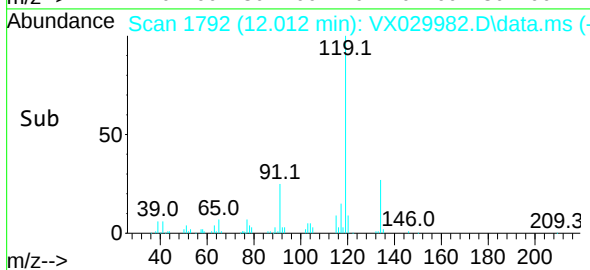
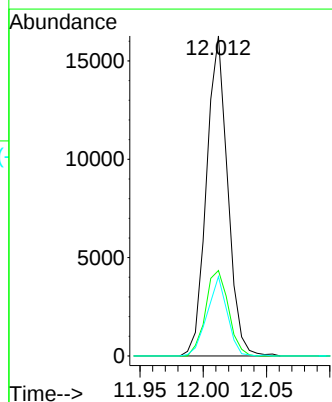
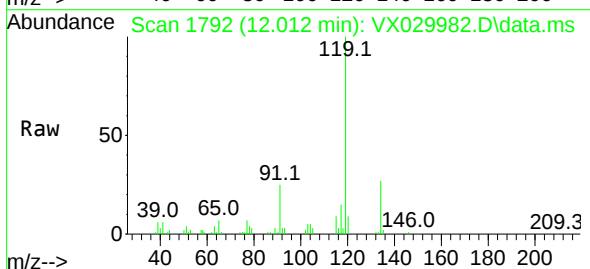
Manual Integrations
 APPROVED

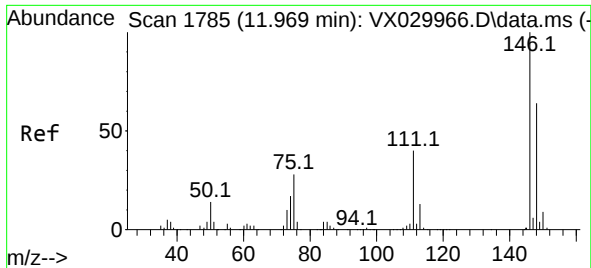
Reviewed By :John Carlone 07/11/2022
 Supervised By :Mahesh Dadoda 07/11/2022



#82
 p-Isopropyltoluene
 Concen: 2.063 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX029982.D
 Acq: 08 Jul 2022 18:49

Tgt Ion:119 Resp: 18975
 Ion Ratio Lower Upper
 119 100
 134 28.8 0.0 52.4
 91 23.5 0.0 47.2





#83

1,3-Dichlorobenzene

Concen: 2.277 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX029982.D

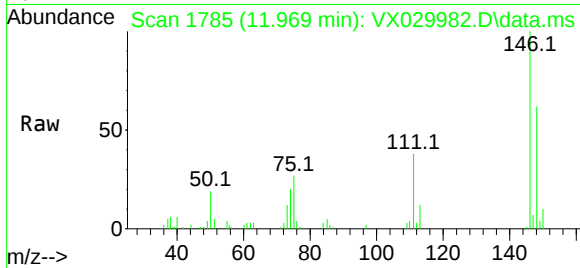
Acq: 08 Jul 2022 18:49

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



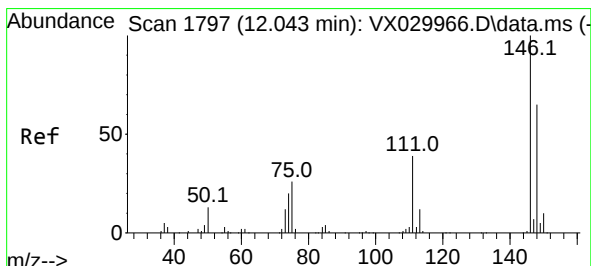
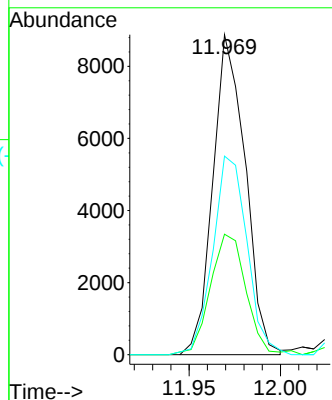
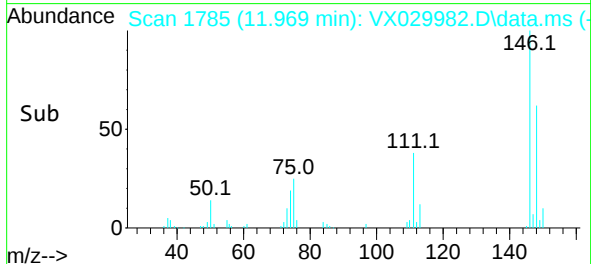
Tgt Ion:146	Resp:	10910
Ion Ratio	Lower	Upper
146	100	
111	41.3	19.8 59.4
148	65.7	31.6 94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#84

1,4-Dichlorobenzene

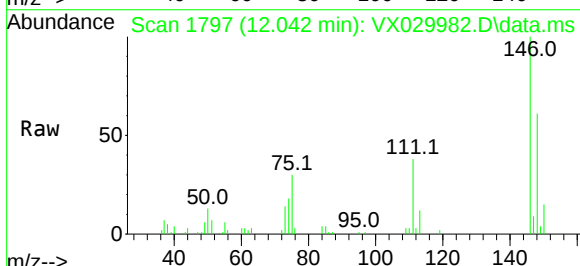
Concen: 2.261 ug/l

RT: 12.042 min Scan# 1797

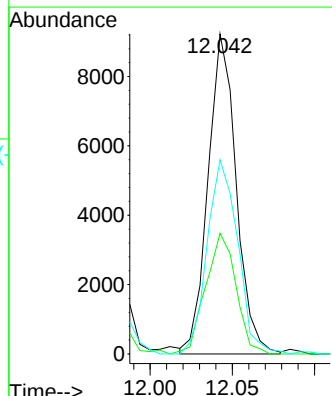
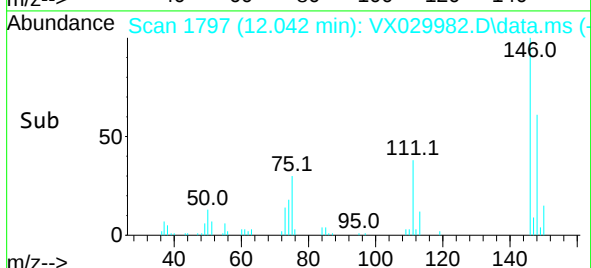
Delta R.T. -0.000 min

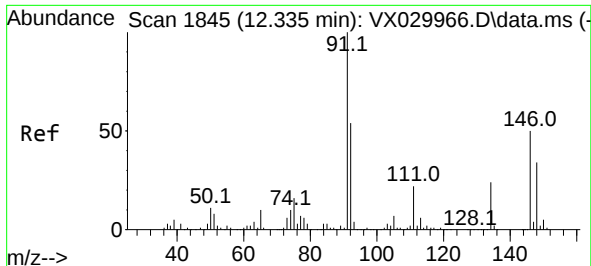
Lab File: VX029982.D

Acq: 08 Jul 2022 18:49



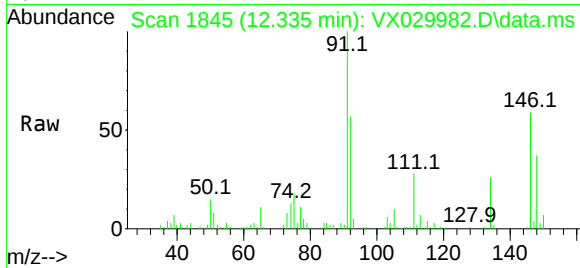
Tgt Ion:146	Resp:	10994
Ion Ratio	Lower	Upper
146	100	
111	40.6	19.2 57.6
148	65.9	32.3 96.8





#85
n-Butylbenzene
Concen: 1.905 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

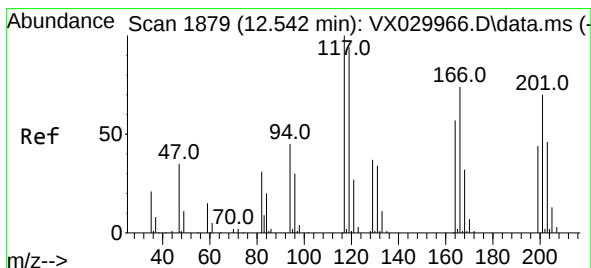
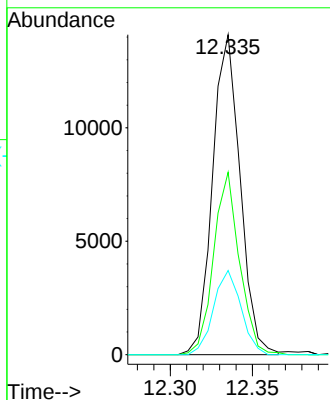
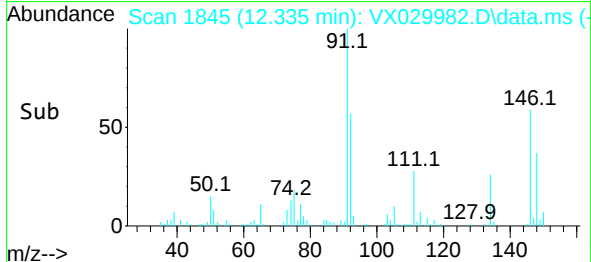
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 91 Resp: 1643
Ion Ratio Lower Upper
91 100
92 53.5 0.0 109.4
134 26.2 0.0 56.4

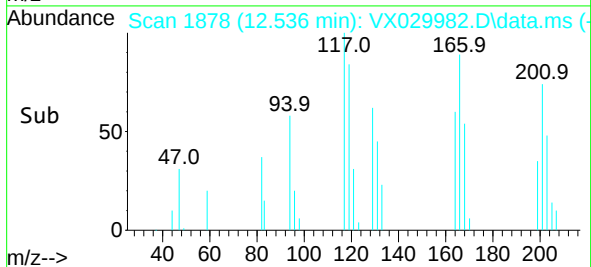
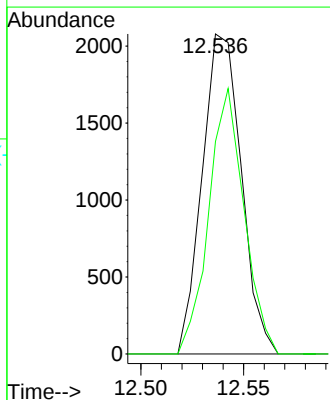
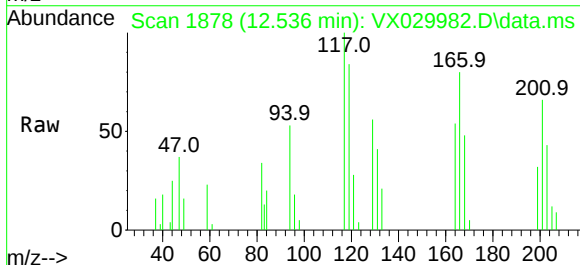
Manual Integrations
APPROVED

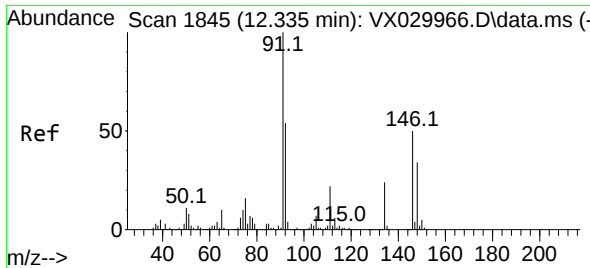
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#86
Hexachloroethane
Concen: 1.800 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

Tgt Ion:117 Resp: 2751
Ion Ratio Lower Upper
117 100
201 75.0 39.5 118.5





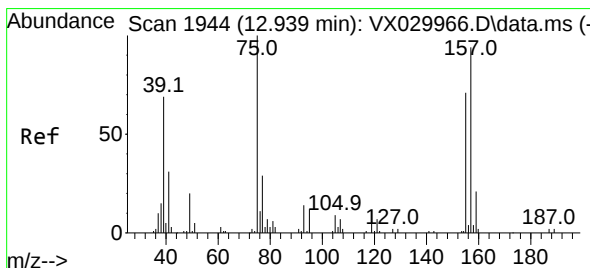
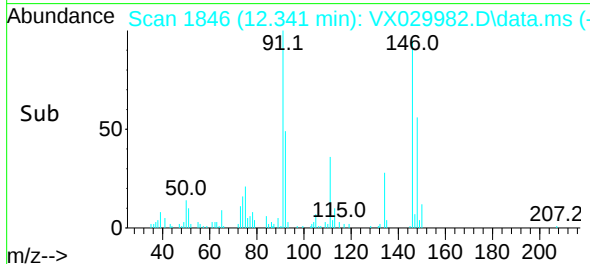
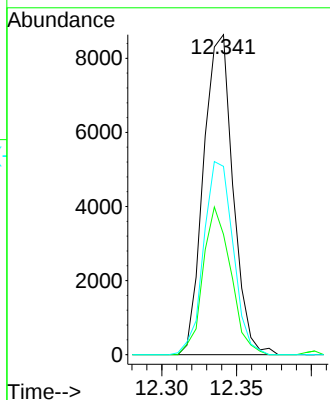
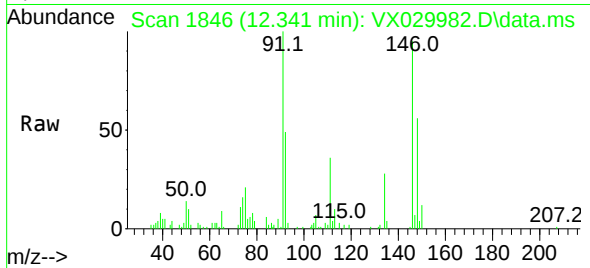
#87
1,2-Dichlorobenzene
Concen: 2.501 ug/l
RT: 12.341 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

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

Tgt Ion:146 Resp: 1183
Ion Ratio Lower Upper
146 100
111 43.5 21.1 63.3
148 60.5 31.4 94.2

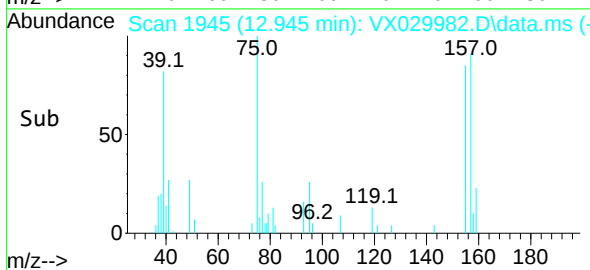
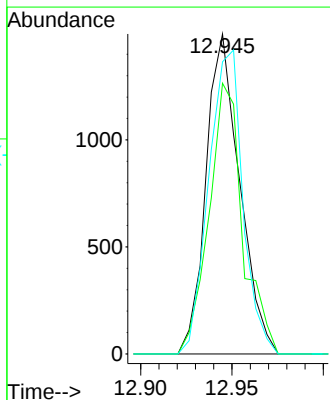
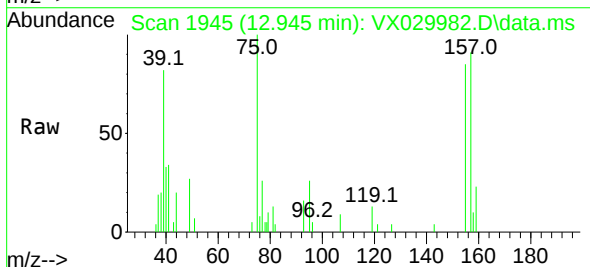
Manual Integrations
APPROVED

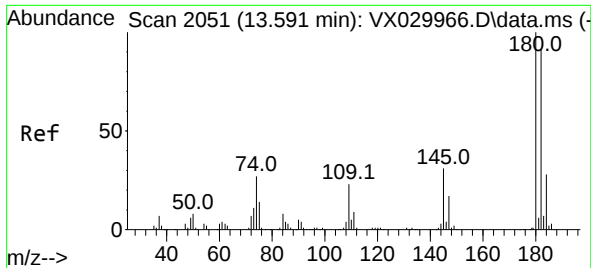
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 2.237 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

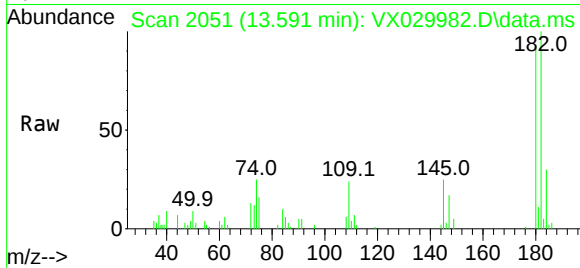
Tgt Ion: 75 Resp: 1917
Ion Ratio Lower Upper
75 100
155 84.7 74.3 111.5
157 96.3 97.3 145.9#





#89
1,2,4-Trichlorobenzene
Concen: 2.181 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

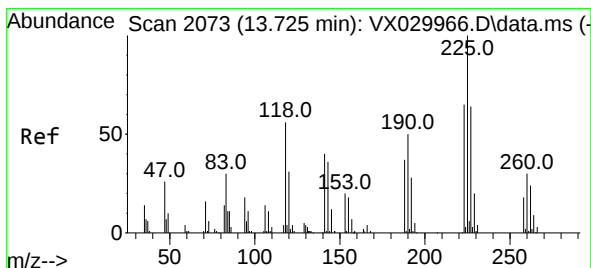
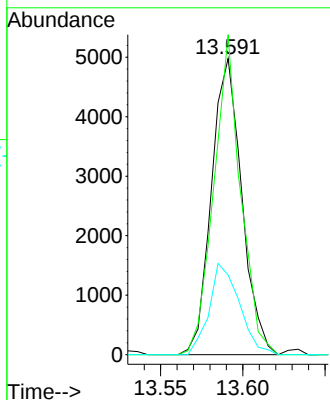
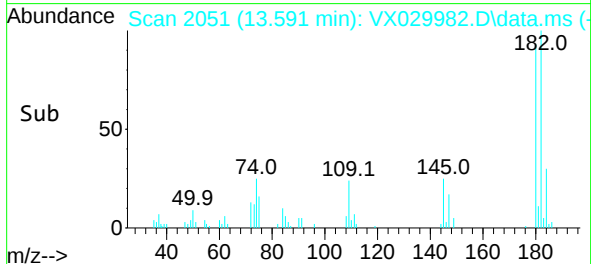
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



Tgt Ion:180 Resp: 639
Ion Ratio Lower Upper
180 100
182 95.7 77.4 116.2
145 30.7 24.2 36.4

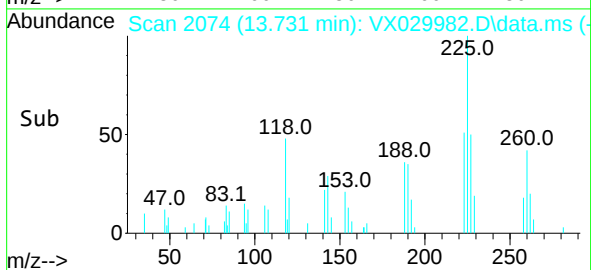
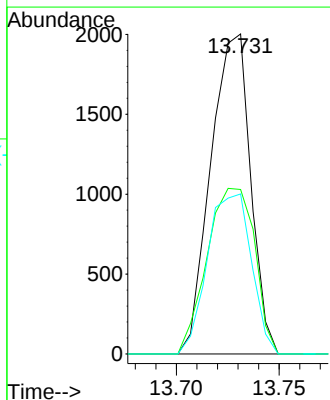
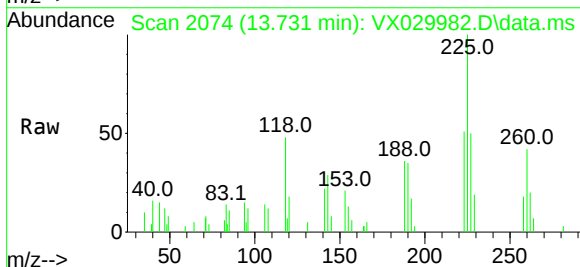
Manual Integrations
APPROVED

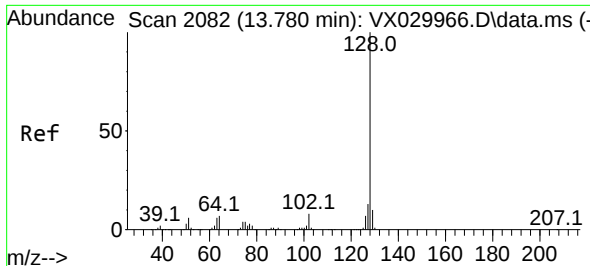
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#90
Hexachlorobutadiene
Concen: 2.435 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

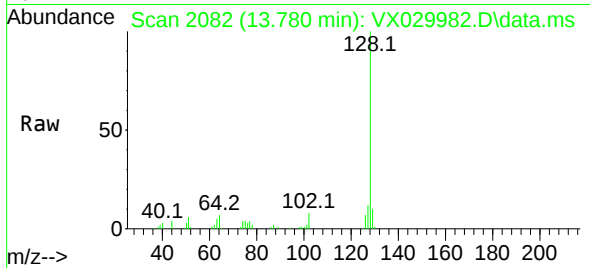
Tgt Ion:225 Resp: 2707
Ion Ratio Lower Upper
225 100
223 61.8 0.0 126.0
227 55.2 0.0 125.0





#91
Naphthalene
Concen: 2.112 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

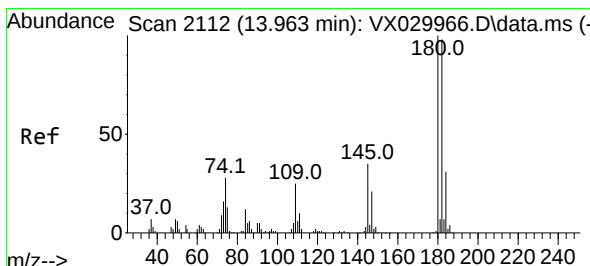
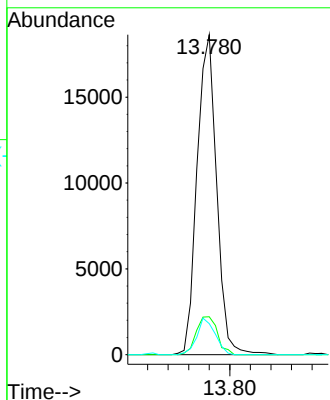
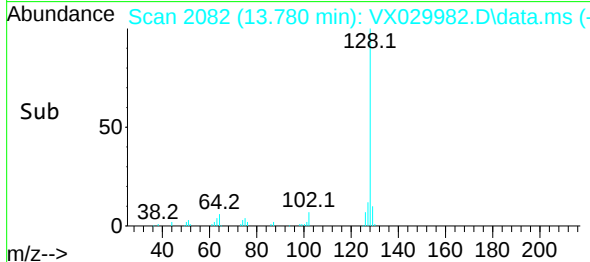
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



Tgt Ion:128 Resp: 24672
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 10.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#92
1,2,3-Trichlorobenzene
Concen: 2.311 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX029982.D
Acq: 08 Jul 2022 18:49

Tgt Ion:180 Resp: 6899
Ion Ratio Lower Upper
180 100
182 88.6 0.0 189.4
145 30.2 0.0 67.2

