

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110421\
 Data File : VX025072.D
 Acq On : 04 Nov 2021 14:47
 Operator : JC/MD
 Sample : M4068-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2021

Quant Time: Nov 07 00:01:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X110421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 03 23:52:56 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/08/2021
 Supervised By : Mahesh Dadoda 11/10/2021

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

Internal Standards						
1) Bromochloromethane	4.904	128	23210	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	128466	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	112932	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	64381	29.064	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	96.867%		
60) 4-Bromofluorobenzene	11.085	95	59144	28.704	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	95.667%		
63) Toluene-d8	8.653	98	153477	29.425	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.067%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	3648	2.053	ug/l	90
3) Chloromethane	1.294	50	2018	2.161	ug/l #	81
4) Vinyl Chloride	1.374	62	2270	2.120	ug/l	98
5) Bromomethane	1.611	94	2030	2.309	ug/l	82
6) Chloroethane	1.697	64	1185	1.963	ug/l	90
7) Trichlorofluoromethane	1.892	101	5635	2.180	ug/l #	75
8) Diethyl Ether	2.130	74	1958	3.197	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.331	101	3376	2.504	ug/l	98
10) 1,1-Dichloroethene	2.319	96	2511	2.197	ug/l	96
11) Methyl Iodide	2.459	142	2453	5.261	ug/l	90
12) Methyl Acetate	2.709	43	5091	2.120	ug/l #	82
13) Acrolein	2.245	56	2252	20.586	ug/l #	82
14) Acrylonitrile	3.075	53	7260	10.732	ug/l	99
15) Acetone	2.404	58	2484m	12.018	ug/l	
16) Carbon Disulfide	2.520	76	6631	2.273	ug/l	97
17) Allyl chloride	2.672	41	3848	2.110	ug/l	93
18) Methylene Chloride	2.794	84	3428	2.562	ug/l #	84
19) trans-1,2-Dichloroethene	3.093	96	2624	2.088	ug/l	93
20) Diisopropyl ether	3.764	45	8227	2.085	ug/l	93
21) 1,1-Dichloroethane	3.617	63	6347	2.425	ug/l #	93
22) cis-1,2-Dichloroethene	4.489	96	3247m	2.178	ug/l	
23) tert-Butyl Alcohol	3.008	59	4719m	11.471	ug/l	
24) Methyl tert-Butyl Ether	3.123	73	10448	2.162	ug/l #	61
25) Chloroform	5.093	83	6957m	2.292	ug/l	
26) Cyclohexane	5.477	56	4849m	2.322	ug/l	
29) 1,1-Dichloropropene	5.696	75	4562m	2.208	ug/l	
30) 2-Butanone	4.574	43	10767m	10.334	ug/l	
31) 2,2-Dichloropropane	4.471	77	5766	2.197	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	6301	2.120	ug/l #	71
33) Carbon Tetrachloride	5.684	117	5393	2.068	ug/l #	92
34) Benzene	6.044	78	11692	2.219	ug/l #	86
35) Methacrylonitrile	4.922	41	2414m	2.349	ug/l	
36) 1,2-Dichloroethane	6.092	62	5482	2.147	ug/l #	93
37) Trichloroethene	7.123	130	3371	2.289	ug/l	97
38) Methylcyclohexane	7.379	83	4813	2.170	ug/l	94
39) 1,2-Dichloropropane	7.434	63	3058	2.127	ug/l #	89
40) Dibromomethane	7.592	93	2607	2.327	ug/l	91
41) Bromodichloromethane	7.824	83	5017	2.109	ug/l #	87
42) Vinyl Acetate	3.727	43	29742	9.541	ug/l #	94

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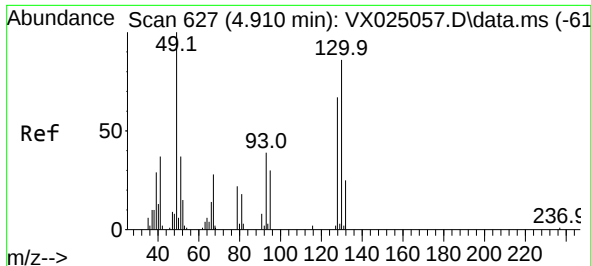
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	4108m	2.057	ug/l	
44) Isopropyl Acetate	6.348	43	6426	2.057	ug/l	96
45) 1,4-Dioxane	7.714	88	1374m	41.422	ug/l	
46) Methyl methacrylate	7.696	41	3207	2.100	ug/l	82
47) n-amyl Acetate	10.848	43	4746	1.884	ug/l	92
48) t-1,3-Dichloropropene	8.982	75	5043	1.968	ug/l	96
49) cis-1,3-Dichloropropene	8.366	75	5147	2.013	ug/l #	87
50) 1,1,2-Trichloroethane	9.159	97	2573	1.696	ug/l	94
51) Ethyl methacrylate	9.116	69	4042	1.653	ug/l	89
52) 1,3-Dichloropropane	9.305	76	5833	2.251	ug/l	97
53) Dibromochloromethane	9.519	129	3052	1.763	ug/l	96
54) 1,2-Dibromoethane	9.616	107	3231	1.907	ug/l	95
55) 2-Chloroethyl vinyl ether	8.244	63	12690	11.666	ug/l	97
56) Bromoform	10.805	173	2268	1.973	ug/l #	95
58) 4-Methyl-2-Pentanone	8.580	43	24049	12.632	ug/l #	90
59) 2-Hexanone	9.433	43	20441	13.974	ug/l	90
61) Tetrachloroethene	9.275	164	3024	2.285	ug/l #	88
62) Toluene	8.720	91	12494	2.163	ug/l	96
64) Chlorobenzene	10.079	112	8003	2.294	ug/l	94
65) 1,1,1,2-Tetrachloroethane	10.165	131	3330	2.136	ug/l	98
66) Ethyl Benzene	10.195	91	14249	2.086	ug/l	96
67) m/p-Xylenes	10.305	106	9568	4.074	ug/l	84
68) o-Xylene	10.646	106	4801	2.093	ug/l	66
69) Styrene	10.659	104	7821	2.007	ug/l	93
70) Isopropylbenzene	10.963	105	14507	2.177	ug/l	93
71) 1,1,2,2-Tetrachloroethane	11.213	83	4773	2.170	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	4301m	2.019	ug/l	
73) Bromobenzene	11.201	156	3223	2.164	ug/l	86
74) n-propylbenzene	11.305	91	15574	1.971	ug/l	99
75) 2-Chlorotoluene	11.366	91	9335	1.885	ug/l	99
76) 1,3,5-Trimethylbenzene	11.457	105	11924	2.052	ug/l	90
77) t-1,4-Dichloro-2-butene	11.018	75	1309	1.825	ug/l	91
78) 4-Chlorotoluene	11.457	91	11227	1.986	ug/l	99
79) tert-butylbenzene	11.713	119	11976	2.187	ug/l	93
80) 1,2,4-Trimethylbenzene	11.756	105	11496	2.011	ug/l	94
81) sec-Butylbenzene	11.890	105	14105	2.070	ug/l	100
82) p-Isopropyltoluene	12.012	119	11514	2.038	ug/l	97
83) 1,3-Dichlorobenzene	11.969	146	5824	2.103	ug/l	94
84) 1,4-Dichlorobenzene	12.049	146	5532	2.006	ug/l	90
85) n-Butylbenzene	12.335	91	9515	1.846	ug/l	94
86) Hexachloroethane	12.536	117	1995	1.980	ug/l	93
87) 1,2-Dichlorobenzene	12.335	146	5582	2.047	ug/l	94
88) 1,2-Dibromo-3-Chloropr...	12.951	75	1121	1.863	ug/l	83
89) 1,2,4-Trichlorobenzene	13.591	180	2682	1.624	ug/l #	97
90) Hexachlorobutadiene	13.731	225	1740	2.085	ug/l	94
91) Naphthalene	13.780	128	6134	1.087	ug/l #	92
92) 1,2,3-Trichlorobenzene	13.963	180	2720	1.615	ug/l	88

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



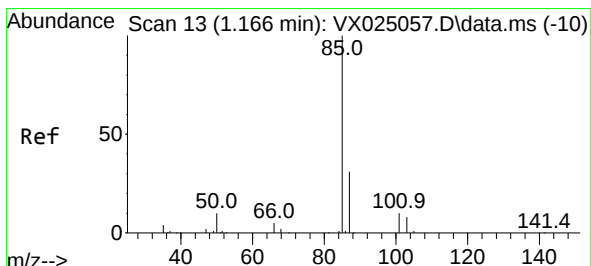
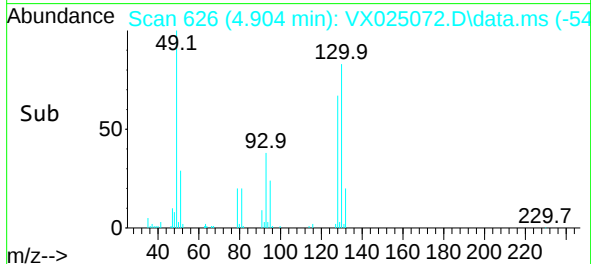
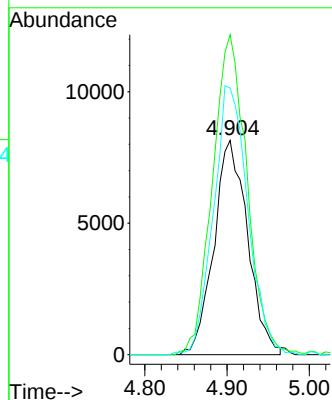
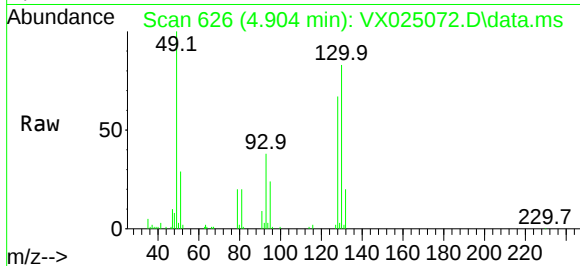
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Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
128	100		
49	152.8	0.0	402.5
130	127.7	0.0	326.5

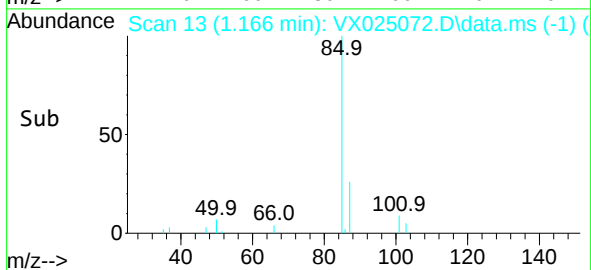
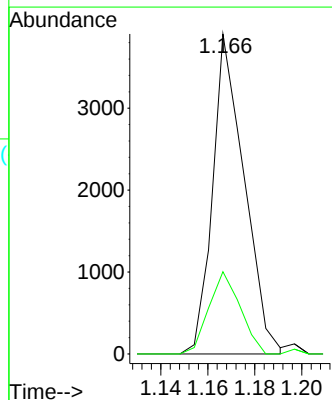
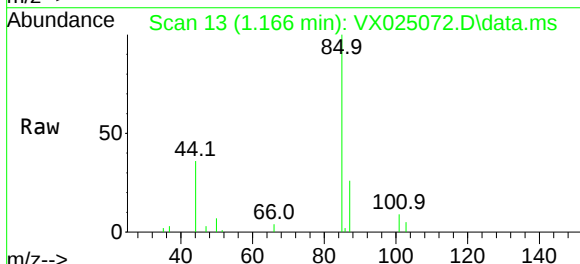
Manual Integrations
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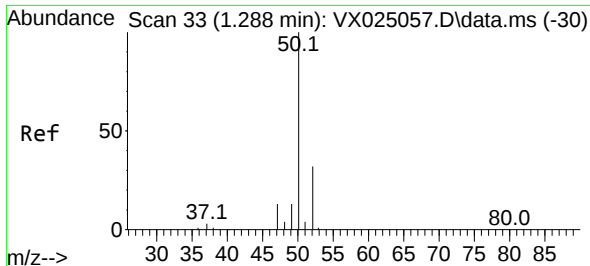
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#2
Dichlorodifluoromethane
Concen: 2.053 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

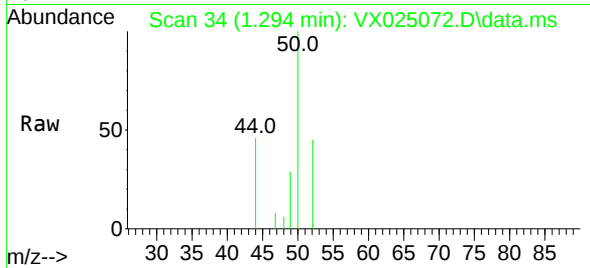
Tgt Ion	Ratio	Lower	Upper
85	100		
87	25.7	15.6	46.8





#3
Chloromethane
Concen: 2.161 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

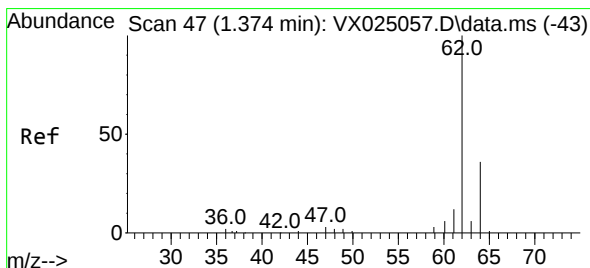
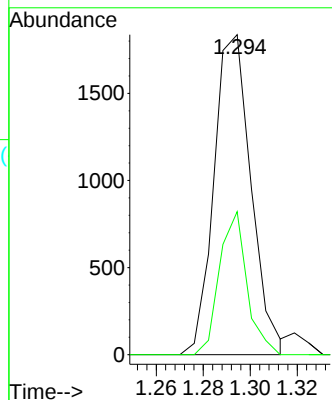
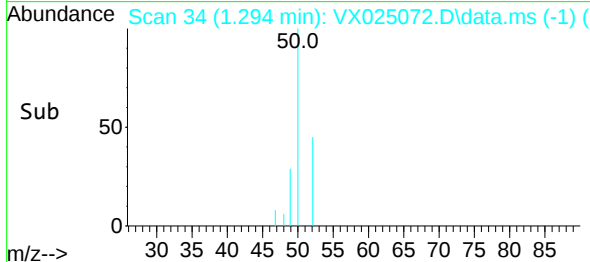
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



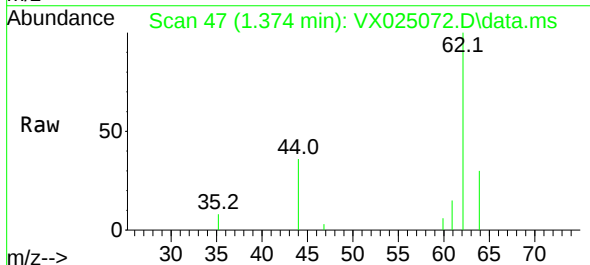
Tgt Ion: 50 Resp: 2018
Ion Ratio Lower Upper
50 100
52 44.7 26.9 40.3

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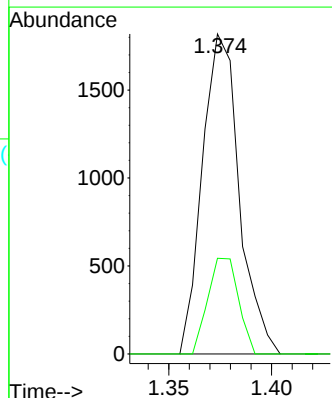
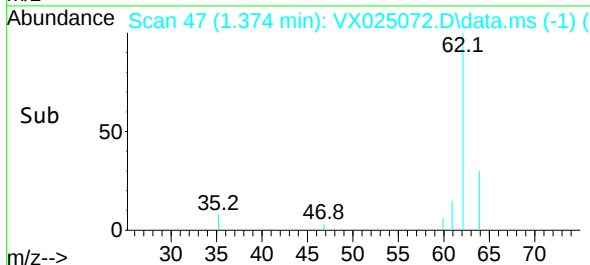
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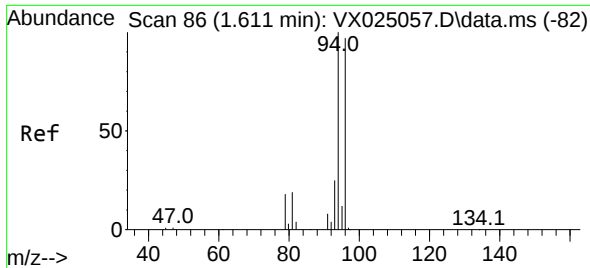


#4
Vinyl Chloride
Concen: 2.120 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47



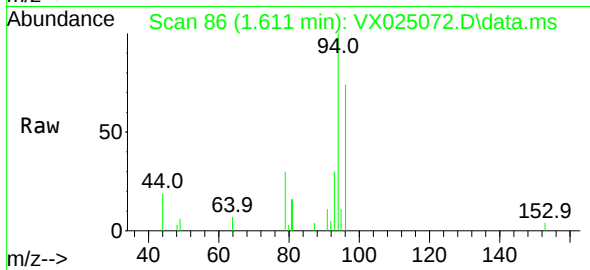
Tgt Ion: 62 Resp: 2270
Ion Ratio Lower Upper
62 100
64 29.9 25.0 37.4





#5
Bromomethane
Concen: 2.309 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

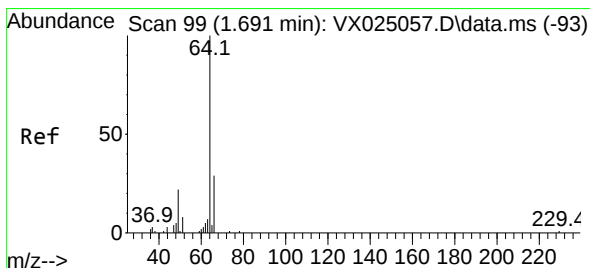
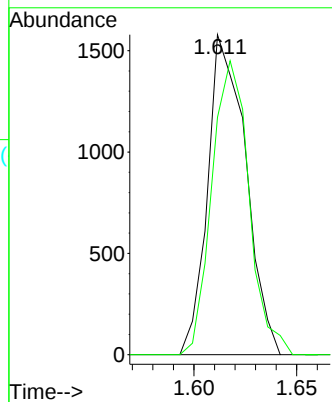
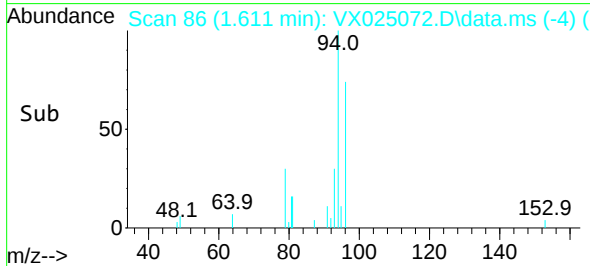
Instrument :
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ClientSampleId :
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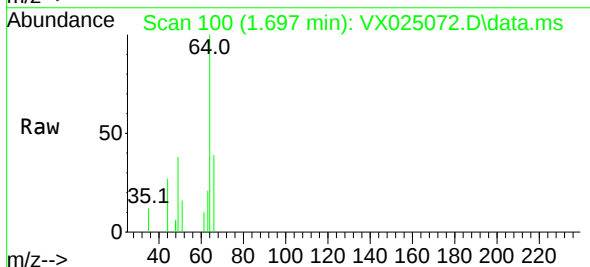
Tgt Ion: 94 Resp: 2030
Ion Ratio Lower Upper
94 100
96 74.2 72.8 109.2

Manual Integrations
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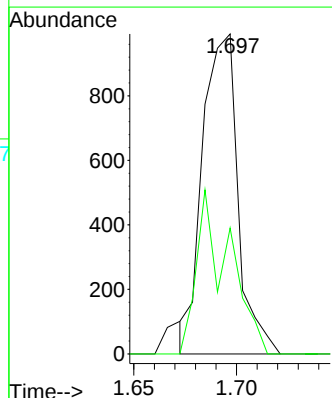
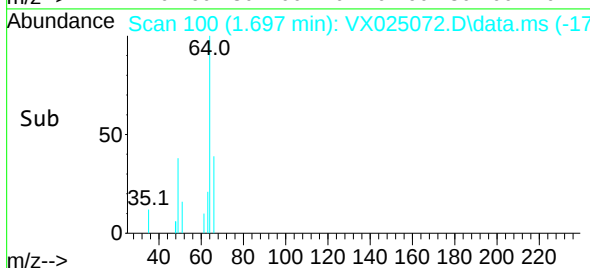
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

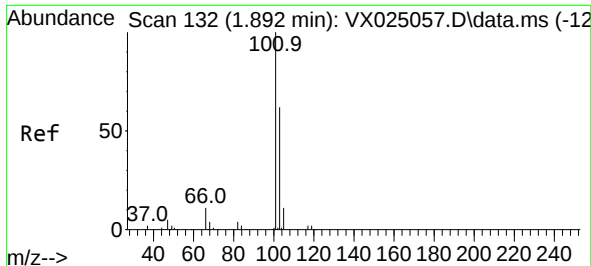


#6
Chloroethane
Concen: 1.963 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.006 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47



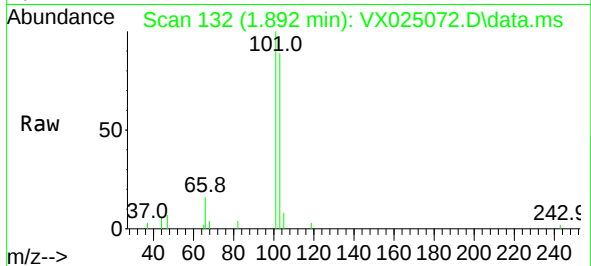
Tgt Ion: 64 Resp: 1185
Ion Ratio Lower Upper
64 100
66 39.3 26.8 40.2





#7
Trichlorofluoromethane
Concen: 2.180 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

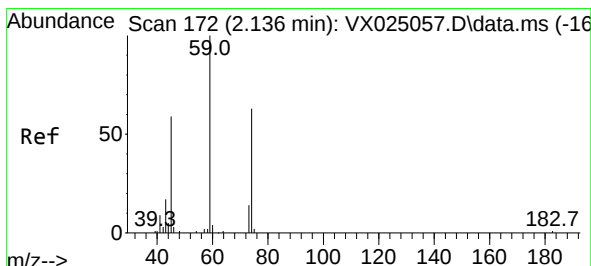
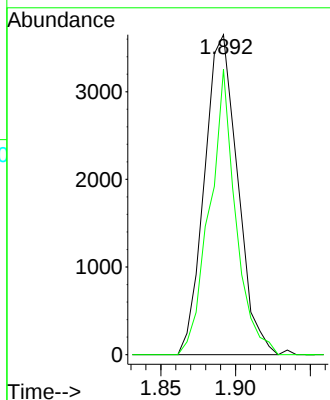
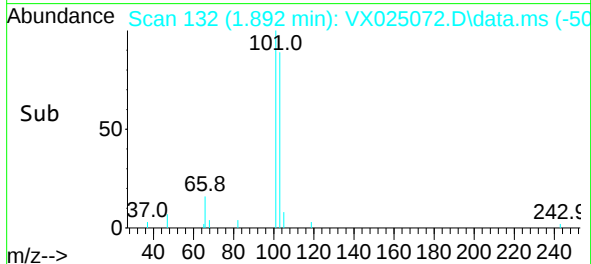
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Tgt Ion:101 Resp: 563
Ion Ratio Lower Upper
101 100
103 89.1 55.0 82.6

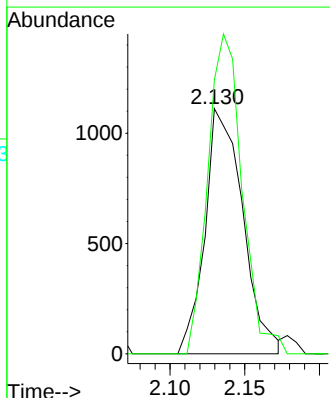
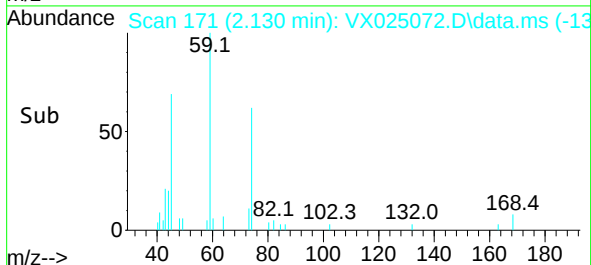
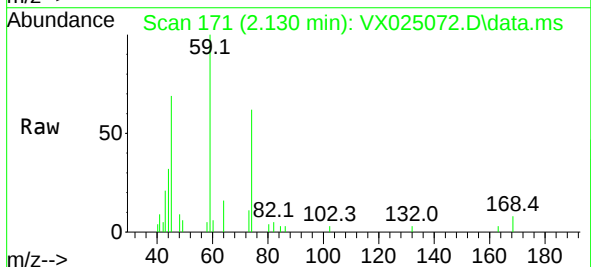
Manual Integrations
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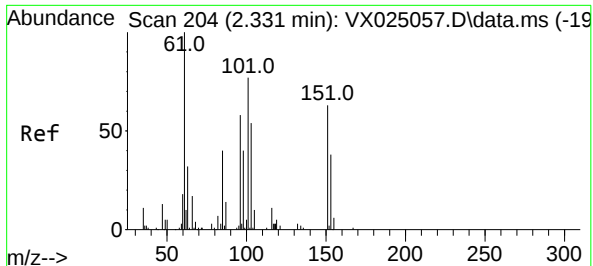
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#8
Diethyl Ether
Concen: 3.197 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

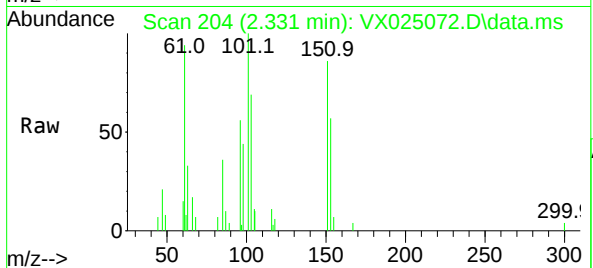
Tgt Ion: 74 Resp: 1958
Ion Ratio Lower Upper
74 100
45 117.0 19.9 179.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.504 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

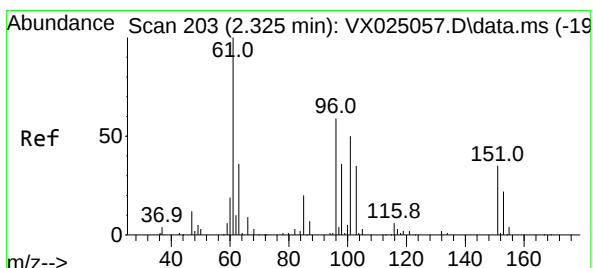
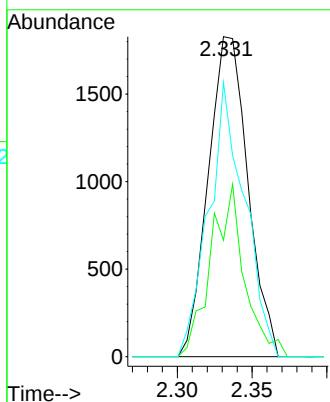
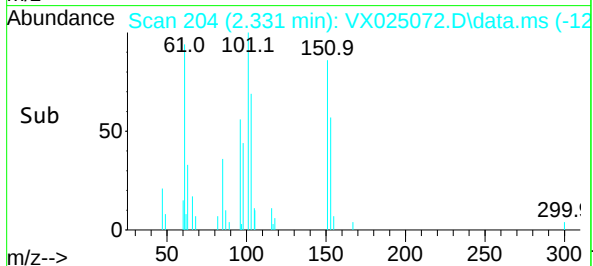
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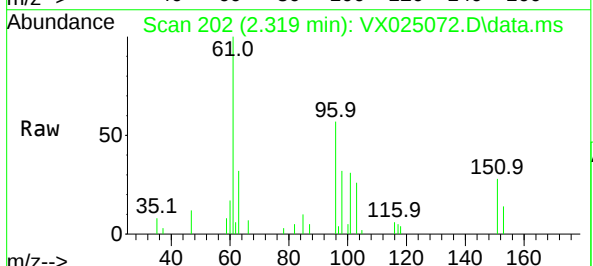
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Ion Ratio Lower Upper
101 100
85 45.4 0.0 91.4
151 77.8 0.0 160.0

Manual Integrations
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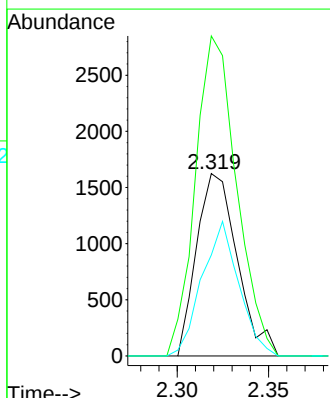
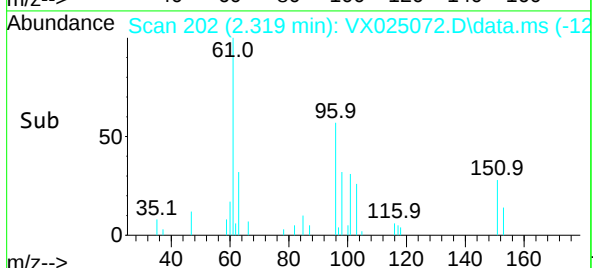
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

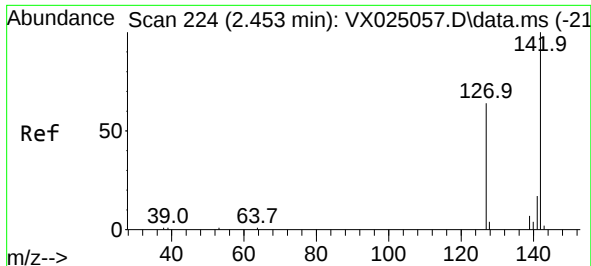


#10
1,1-Dichloroethene
Concen: 2.197 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47



Tgt Ion: 96 Resp: 2511
Ion Ratio Lower Upper
96 100
61 175.4 140.3 210.5
98 55.3 52.8 79.2





#11

Methyl Iodide

Concen: 5.261 ug/l

RT: 2.459 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX025072.D

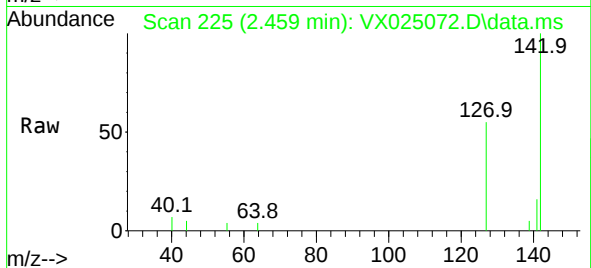
Acq: 04 Nov 2021 14:47

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2021



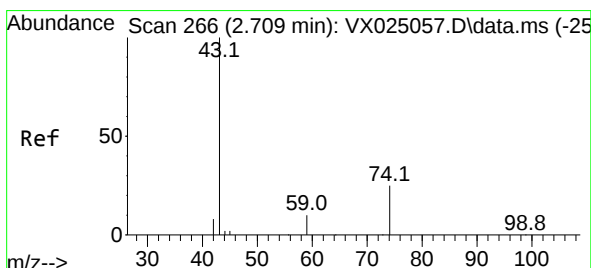
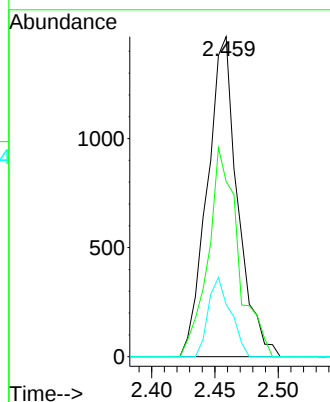
Tgt Ion:	142	Resp:	245
Ion	Ratio	Lower	Upper
142	100		
127	54.8	23.6	71.0
141	16.3	7.1	21.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#12

Methyl Acetate

Concen: 2.120 ug/l

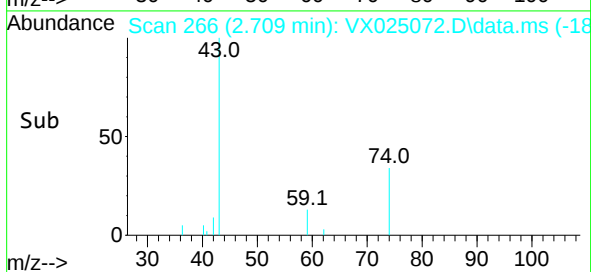
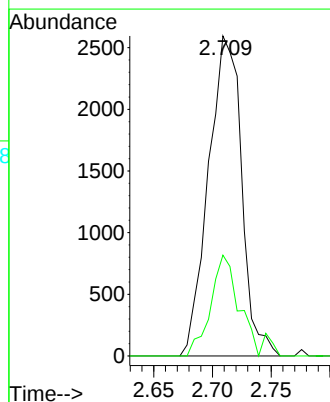
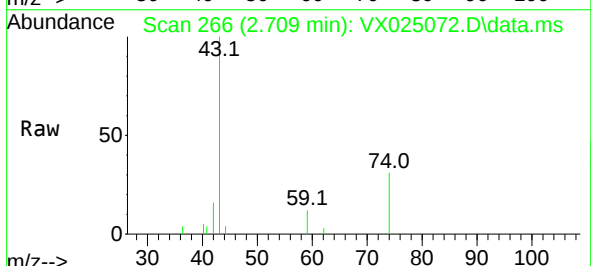
RT: 2.709 min Scan# 266

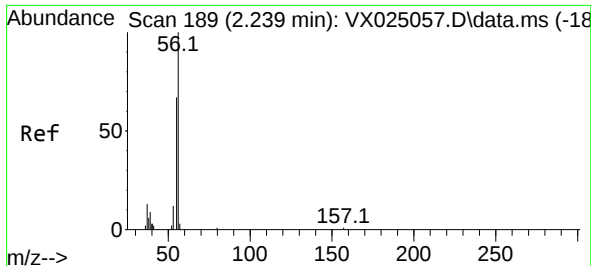
Delta R.T. -0.000 min

Lab File: VX025072.D

Acq: 04 Nov 2021 14:47

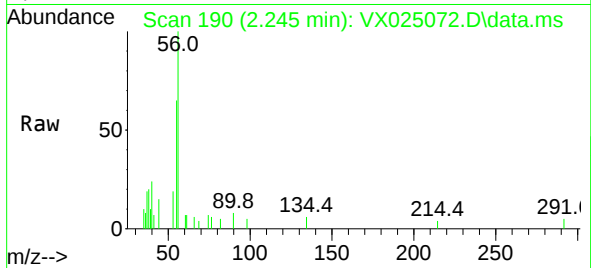
Tgt Ion:	43	Resp:	5091
Ion	Ratio	Lower	Upper
43	100		
74	31.5	18.2	27.2





#13
Acrolein
Concen: 20.586 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

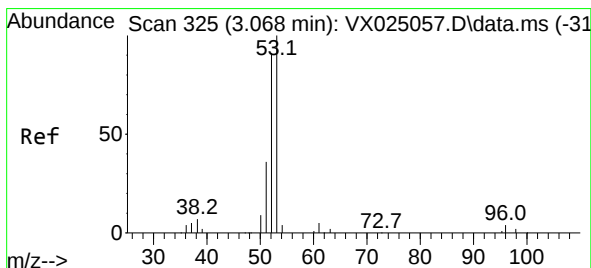
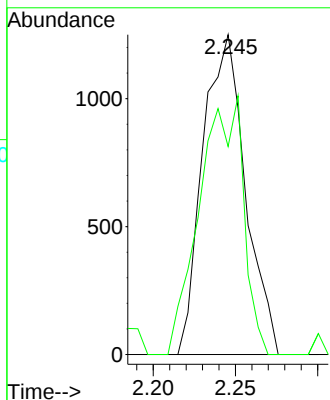
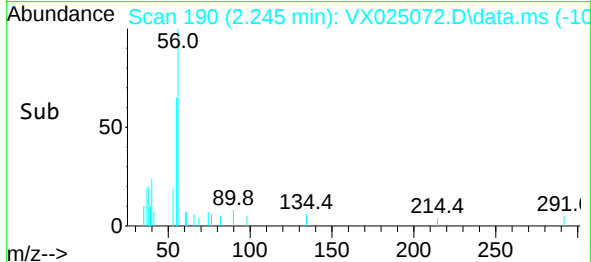
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



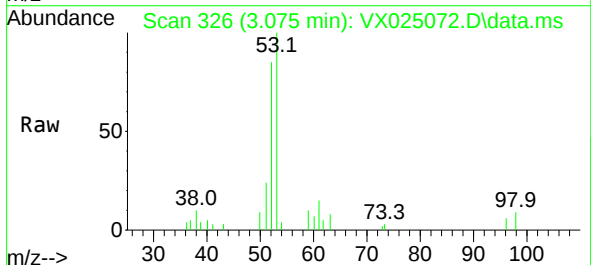
Tgt Ion: 56 Resp: 2252
Ion Ratio Lower Upper
56 100
55 59.5 59.5 89.3

Manual Integrations
APPROVED

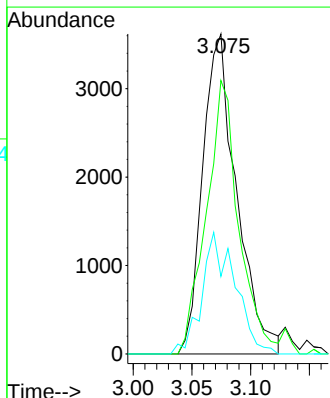
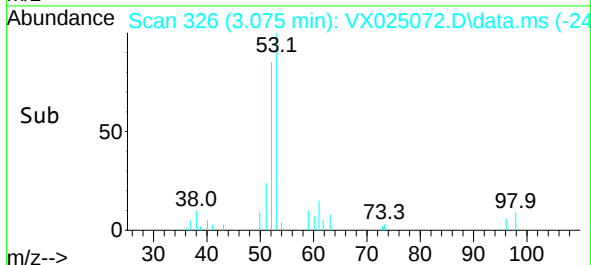
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

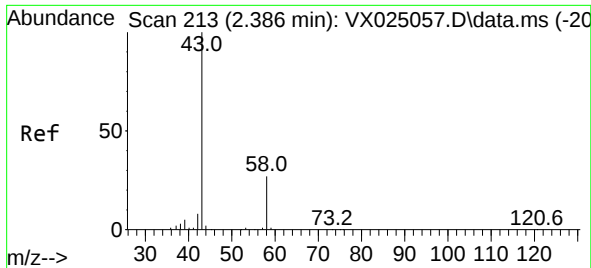


#14
Acrylonitrile
Concen: 10.732 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.006 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47



Tgt Ion: 53 Resp: 7260
Ion Ratio Lower Upper
53 100
52 81.8 40.4 121.2
51 37.3 18.1 54.1





#15

Acetone

Concen: 12.018 ug/l m

RT: 2.404 min Scan# 21

Delta R.T. 0.018 min

Lab File: VX025072.D

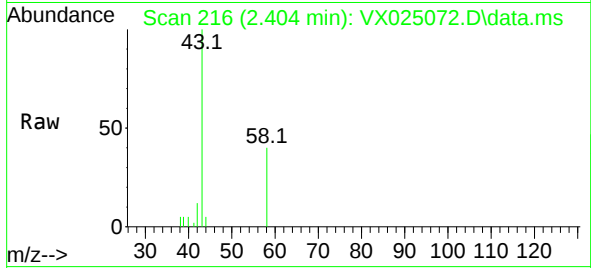
Acq: 04 Nov 2021 14:47

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2021



Tgt Ion: 58 Resp: 2484

Ion Ratio Lower Upper

58 100

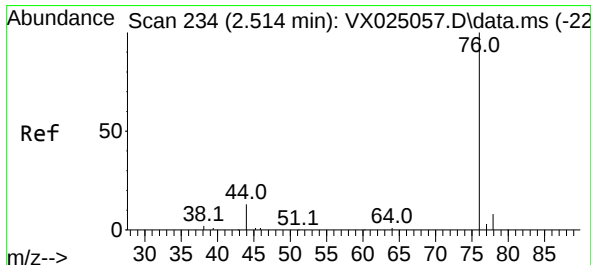
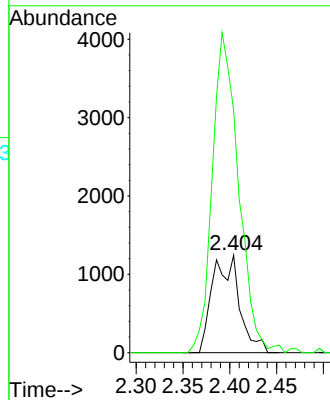
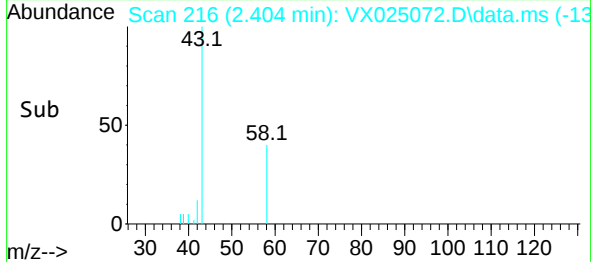
43 248.9 266.6 400.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#16

Carbon Disulfide

Concen: 2.273 ug/l

RT: 2.520 min Scan# 235

Delta R.T. 0.006 min

Lab File: VX025072.D

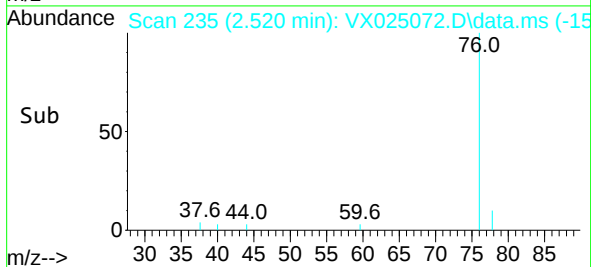
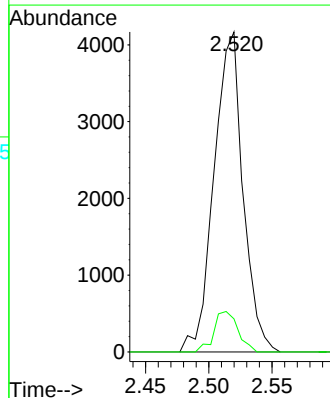
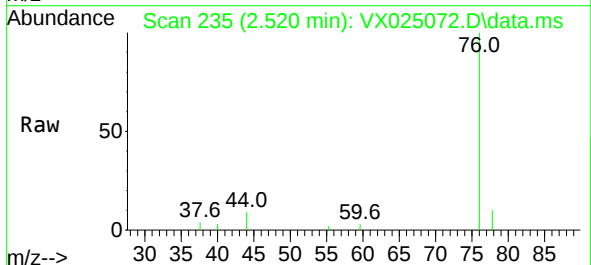
Acq: 04 Nov 2021 14:47

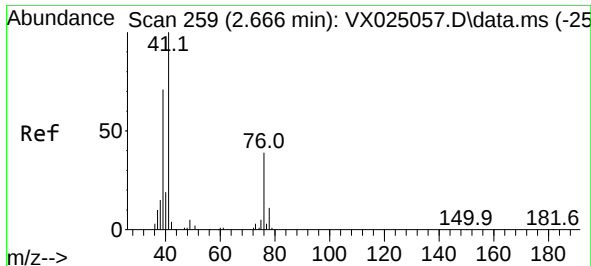
Tgt Ion: 76 Resp: 6631

Ion Ratio Lower Upper

76 100

78 10.3 7.3 10.9





#17

Allyl chloride

Concen: 2.110 ug/l

RT: 2.672 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX025072.D

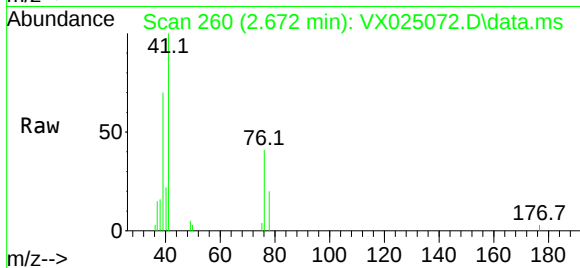
Acq: 04 Nov 2021 14:47

Instrument :

MSVOA_X

ClientSampleId :

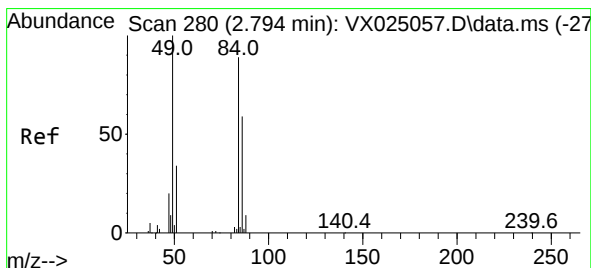
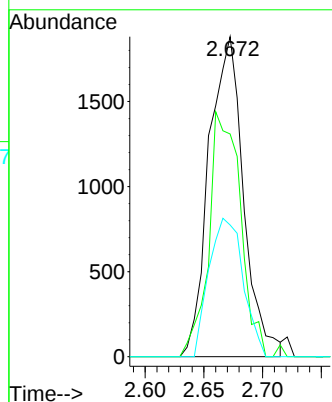
MDL-WATER-03-QT4-2021



Tgt Ion:	41	Resp:	384
Ion Ratio	Lower	Upper	
41	100		
39	69.6	36.4	109.3
76	41.1	16.6	49.7

Manual Integrations
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Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#18

Methylene Chloride

Concen: 2.562 ug/l

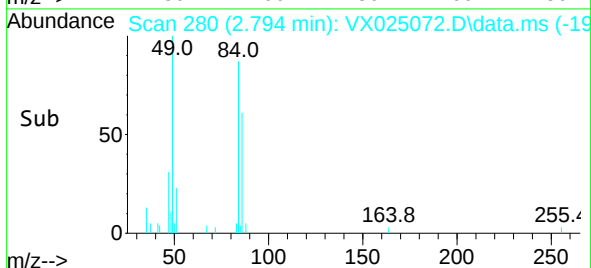
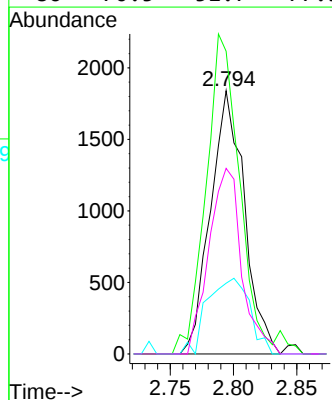
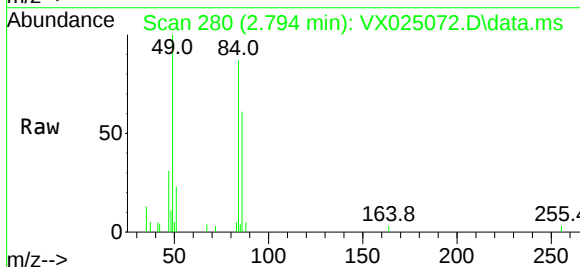
RT: 2.794 min Scan# 280

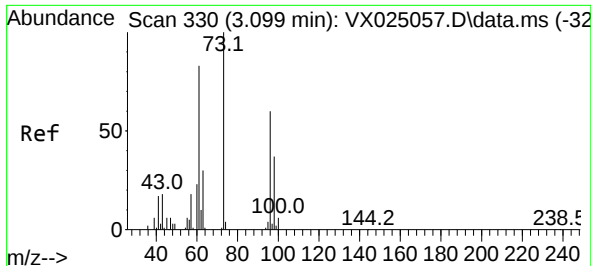
Delta R.T. 0.000 min

Lab File: VX025072.D

Acq: 04 Nov 2021 14:47

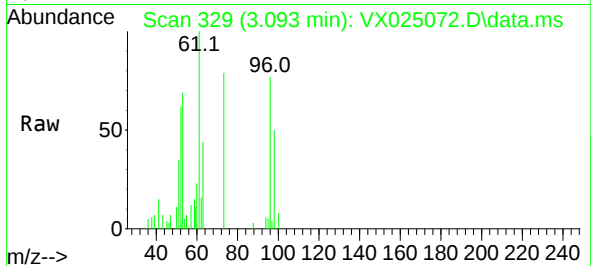
Tgt Ion:	84	Resp:	3428
Ion Ratio	Lower	Upper	
84	100		
49	107.6	104.3	156.5
51	26.8	30.3	45.5
86	70.5	51.7	77.5





#19
trans-1,2-Dichloroethene
Concen: 2.088 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

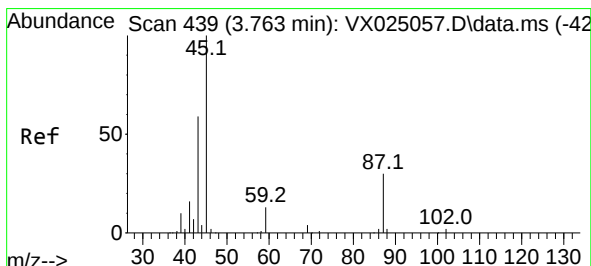
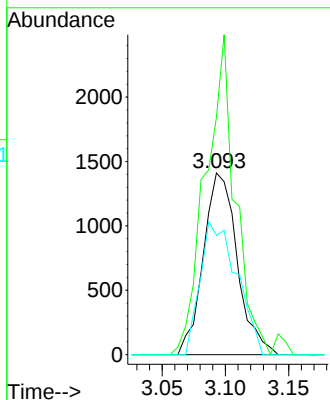
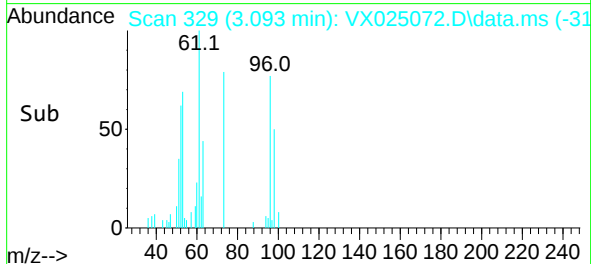
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2021



Tgt Ion: 96 Resp: 2624
Ion Ratio Lower Upper
96 100
61 126.5 109.2 163.8
98 65.6 50.8 76.2

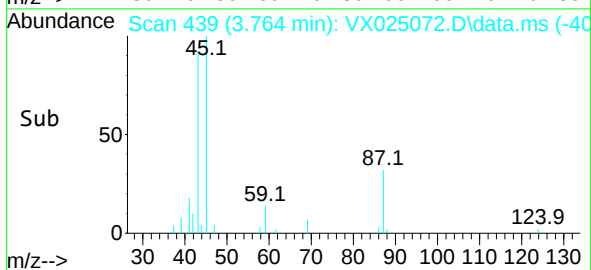
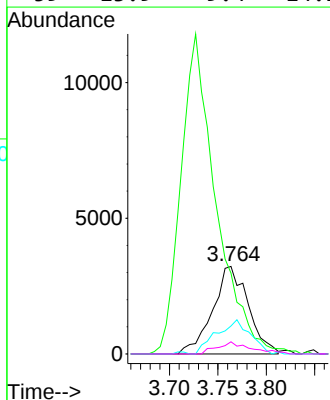
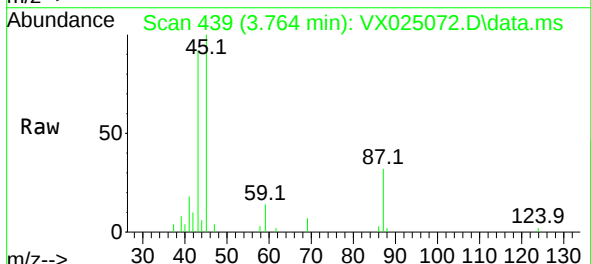
Manual Integrations
APPROVED

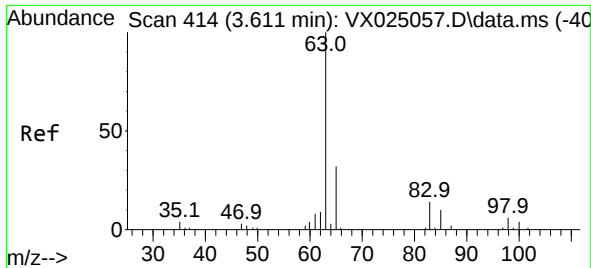
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#20
Diisopropyl ether
Concen: 2.085 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

Tgt Ion: 45 Resp: 8227
Ion Ratio Lower Upper
45 100
43 86.3 63.8 95.6
87 29.7 21.8 32.6
59 13.9 9.4 14.2





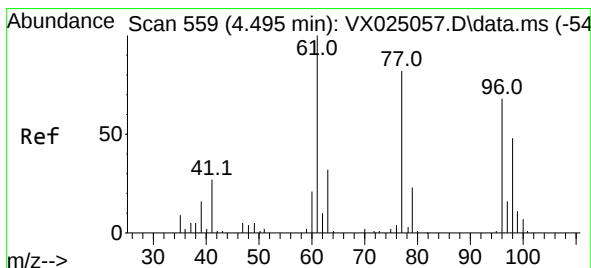
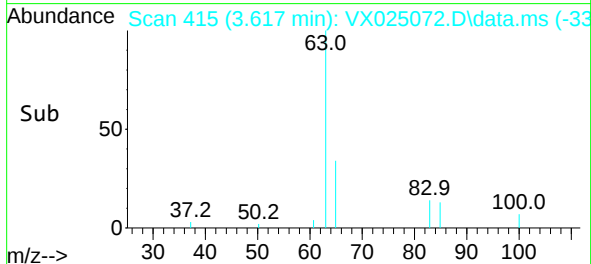
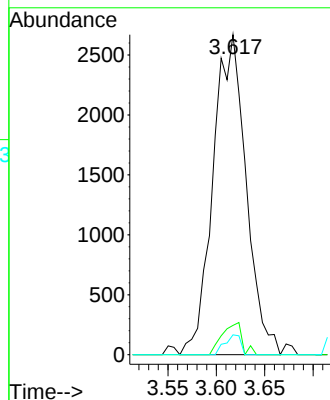
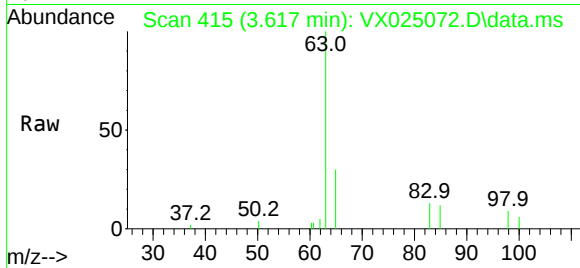
#21
1,1-Dichloroethane
Concen: 2.425 ug/l
RT: 3.617 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021

Tgt Ion: 63 Resp: 6347
Ion Ratio Lower Upper
63 100
98 9.1 3.4 10.1
100 6.2 2.1 6.2

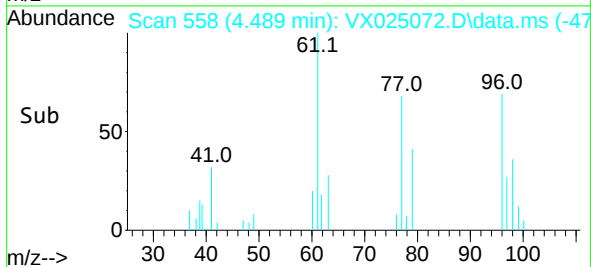
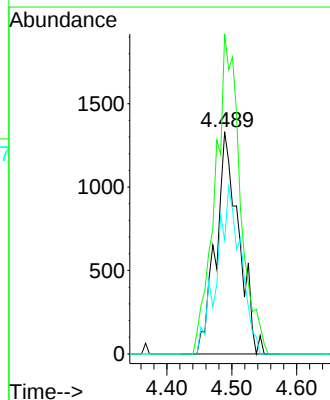
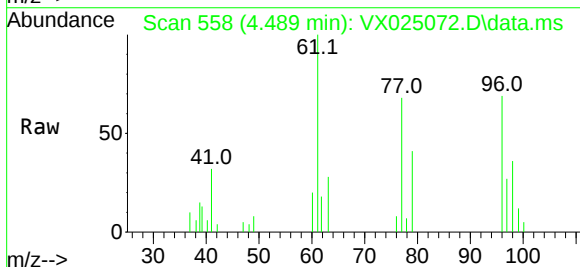
Manual Integrations
APPROVED

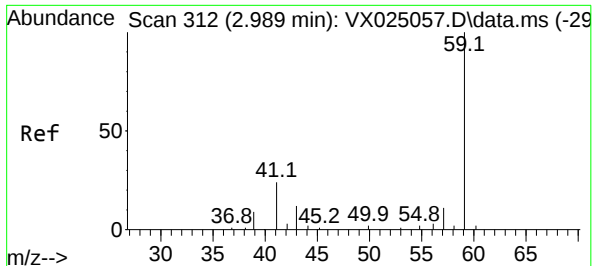
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#22
cis-1,2-Dichloroethene
Concen: 2.178 ug/l m
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

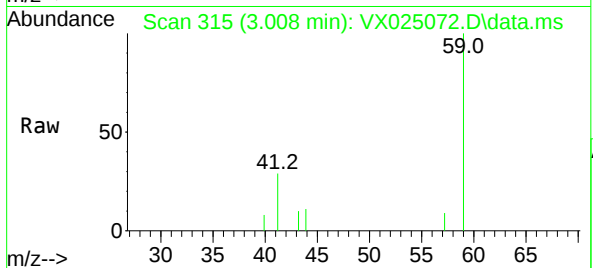
Tgt Ion: 96 Resp: 3247
Ion Ratio Lower Upper
96 100
61 158.8 114.5 171.7
98 68.4 51.3 76.9





#23
tert-Butyl Alcohol
Concen: 11.471 ug/l m
RT: 3.008 min Scan# 312
Delta R.T. 0.018 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

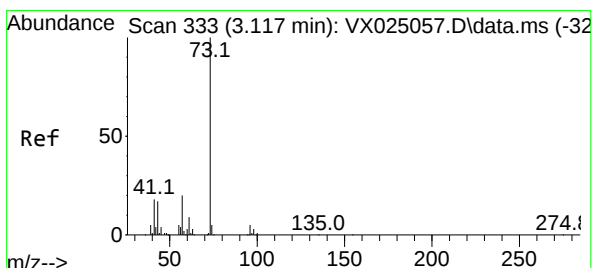
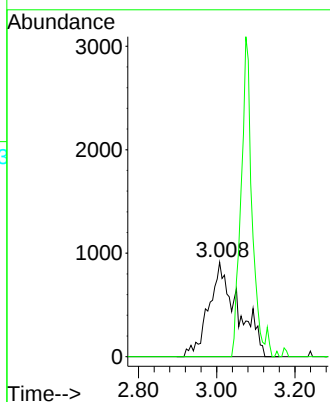
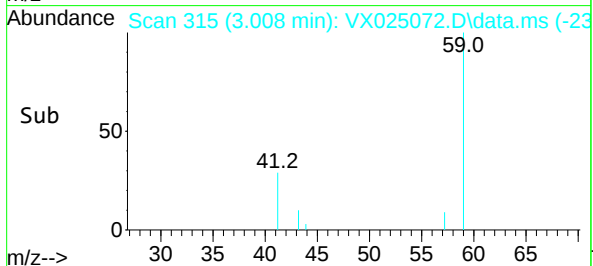
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



Tgt Ion: 59 Resp: 4719
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

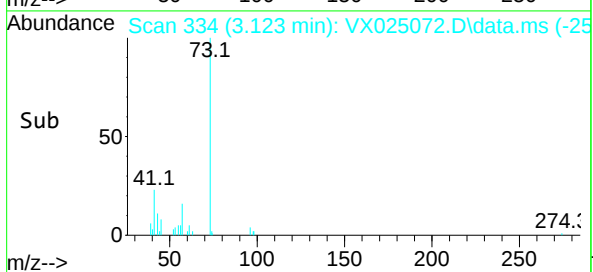
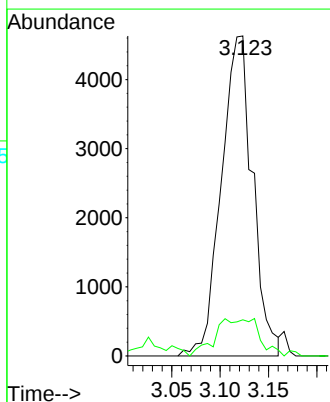
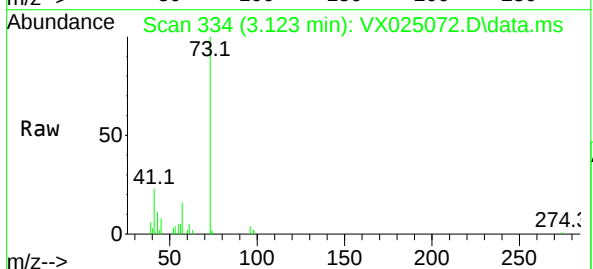
Manual Integrations
APPROVED

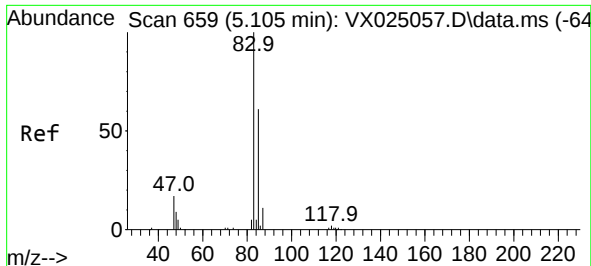
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#24
Methyl tert-Butyl Ether
Concen: 2.162 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

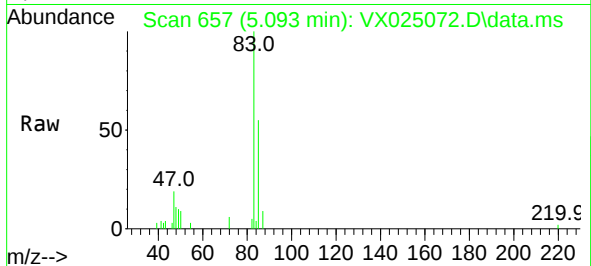
Tgt Ion: 73 Resp: 10448
Ion Ratio Lower Upper
73 100
43 3.8 17.9 26.9





#25
Chloroform
Concen: 2.292 ug/l m
RT: 5.093 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

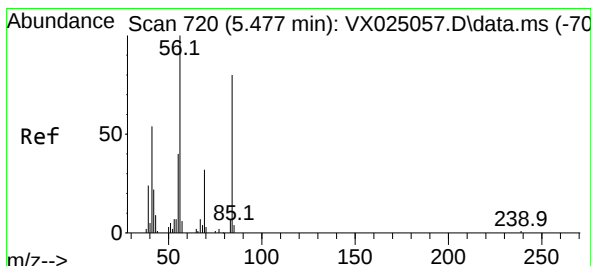
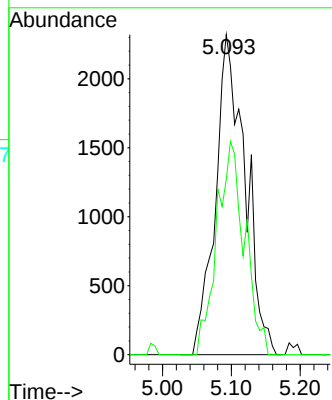
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



Tgt Ion: 83 Resp: 695
Ion Ratio Lower Upper
83 100
85 54.7 51.8 77.8

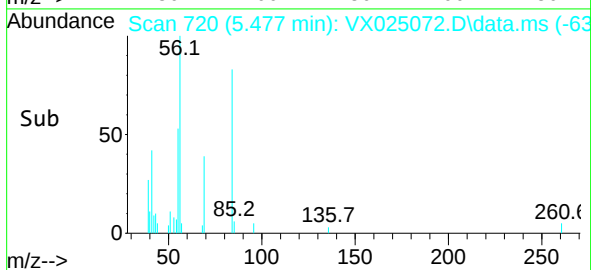
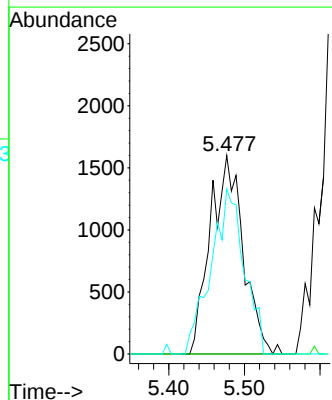
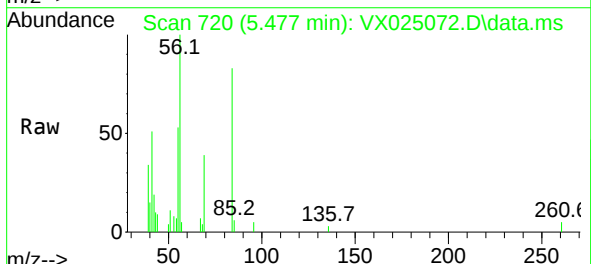
Manual Integrations
APPROVED

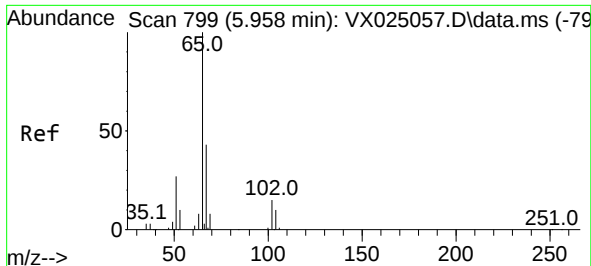
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#26
Cyclohexane
Concen: 2.322 ug/l m
RT: 5.477 min Scan# 720
Delta R.T. 0.000 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

Tgt Ion: 56 Resp: 4849
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 73.8 69.0 103.6





#27

1,2-Dichloroethane-d4

Concen: 29.064 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025072.D

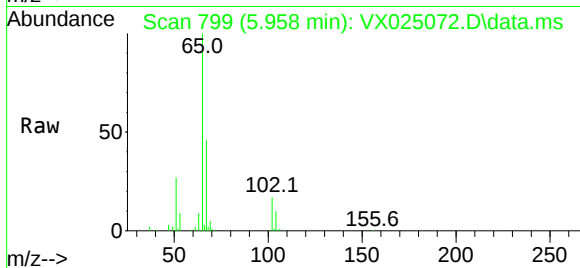
Acq: 04 Nov 2021 14:47

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2021



Tgt Ion: 65 Resp: 6438

Ion Ratio Lower Upper

65 100

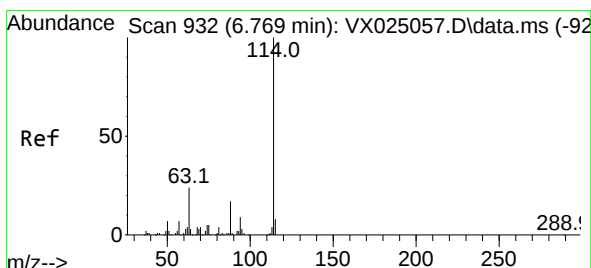
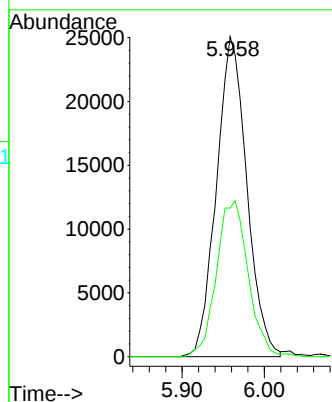
67 50.6 42.4 63.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX025072.D

Acq: 04 Nov 2021 14:47

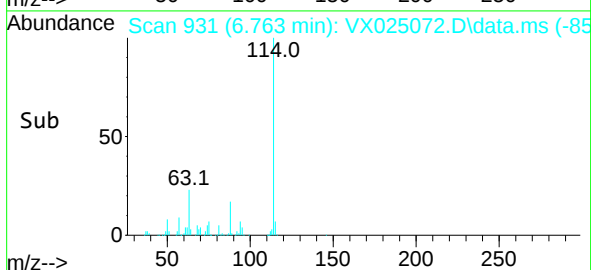
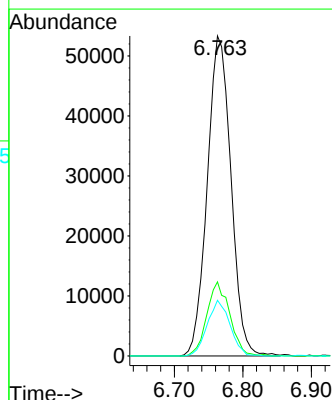
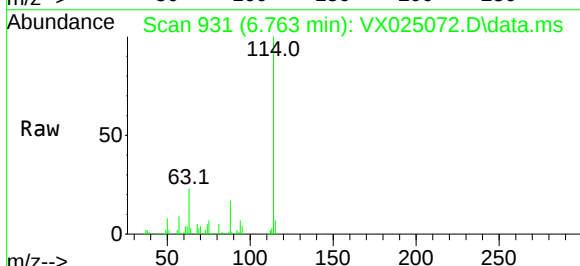
Tgt Ion:114 Resp: 128466

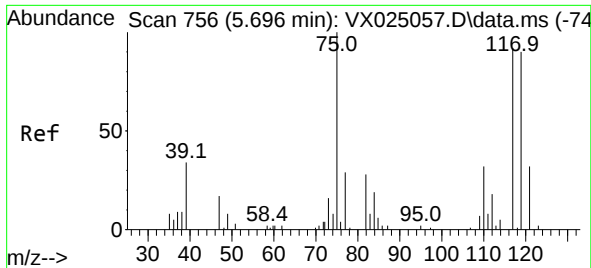
Ion Ratio Lower Upper

114 100

63 22.3 16.4 24.6

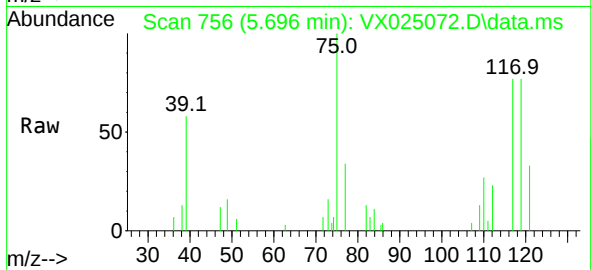
88 16.6 12.7 19.1





#29
1,1-Dichloropropene
Concen: 2.208 ug/l m
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

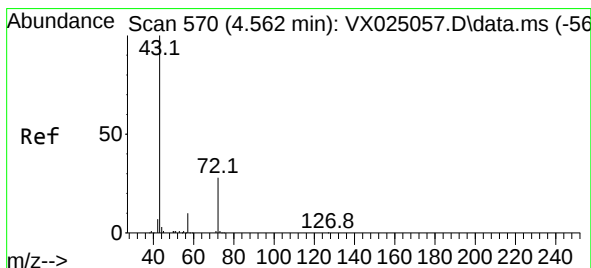
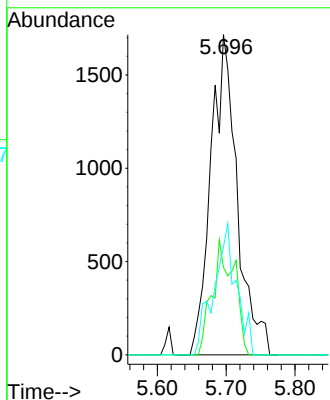
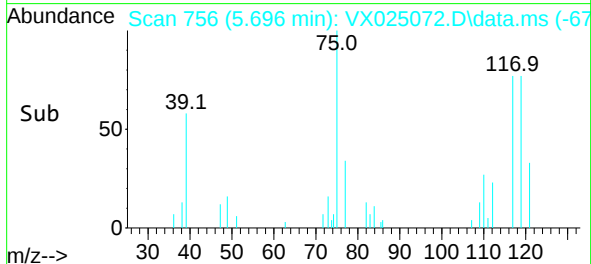
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



Tgt Ion: 75 Resp: 4562
Ion Ratio Lower Upper
75 100
110 12.1 0.0 72.0
77 28.4 0.0 61.8

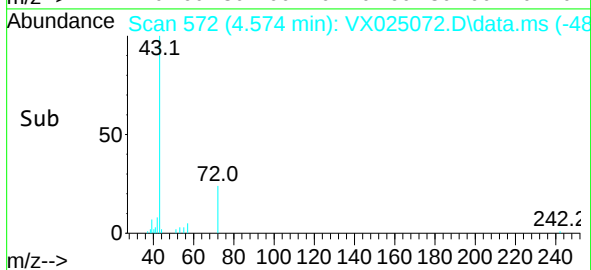
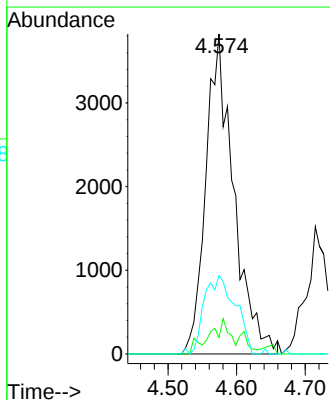
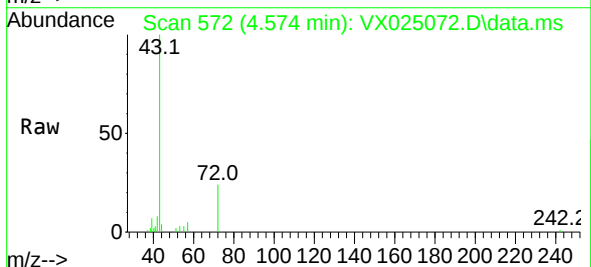
Manual Integrations
APPROVED

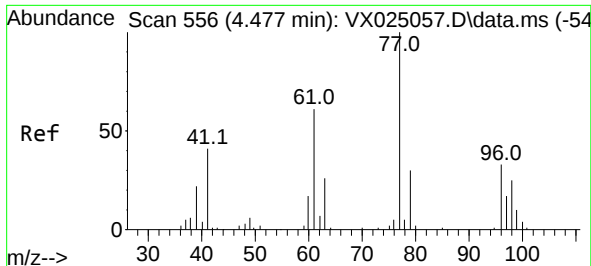
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#30
2-Butanone
Concen: 10.334 ug/l m
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

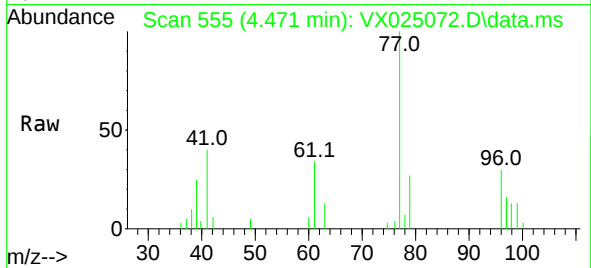
Tgt Ion: 43 Resp: 10767
Ion Ratio Lower Upper
43 100
57 3.2 6.6 9.8#
72 11.0 21.0 31.4#





#31
2,2-Dichloropropane
Concen: 2.197 ug/l
RT: 4.471 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

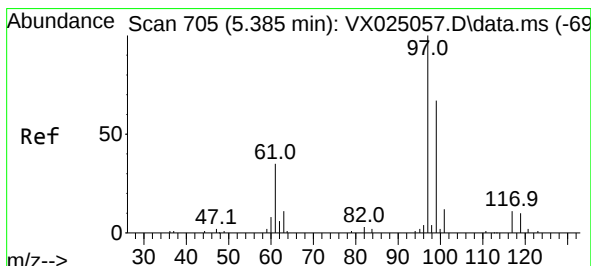
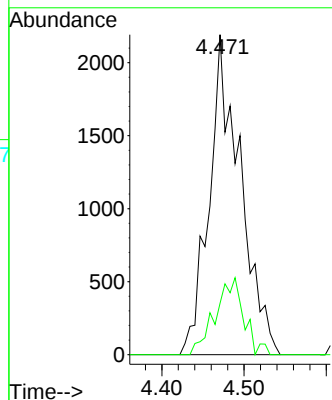
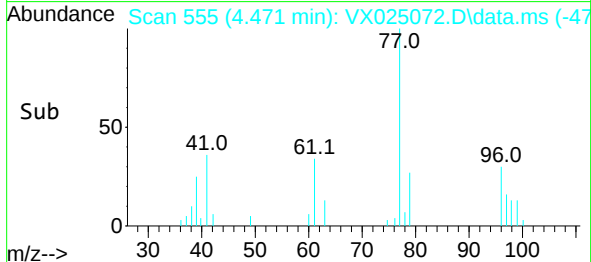
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



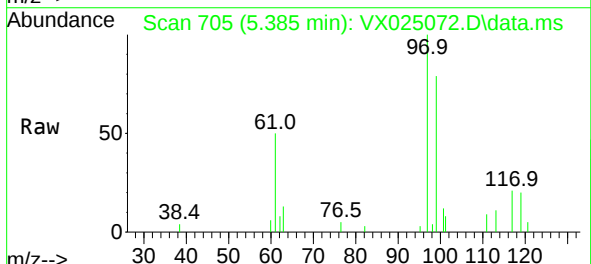
Tgt Ion: 77 Resp: 576
Ion Ratio Lower Upper
77 100
97 21.1 19.8 29.8

Manual Integrations
APPROVED

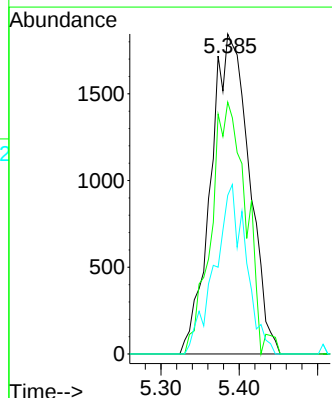
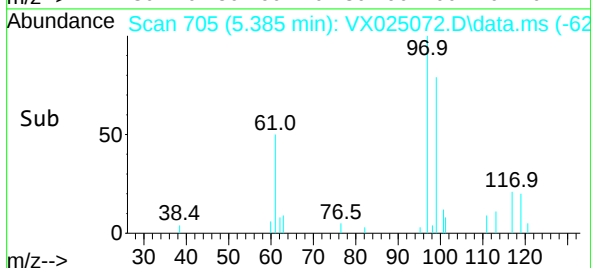
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

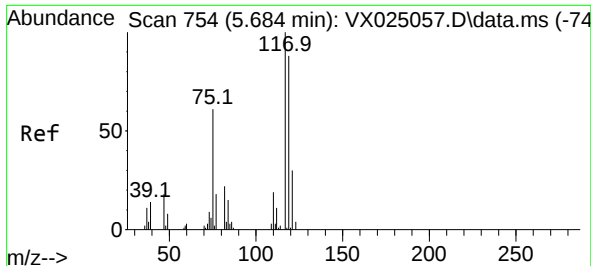


#32
1,1,1-Trichloroethane
Concen: 2.120 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47



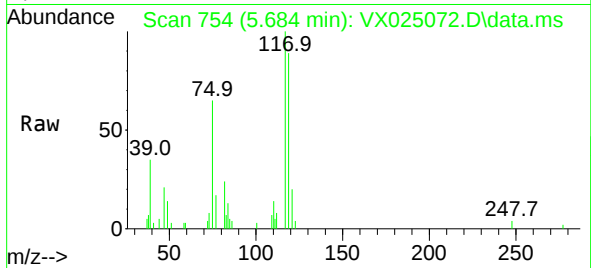
Tgt Ion: 97 Resp: 6301
Ion Ratio Lower Upper
97 100
99 29.2 50.4 75.6#
61 39.5 36.4 54.6





#33
Carbon Tetrachloride
Concen: 2.068 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

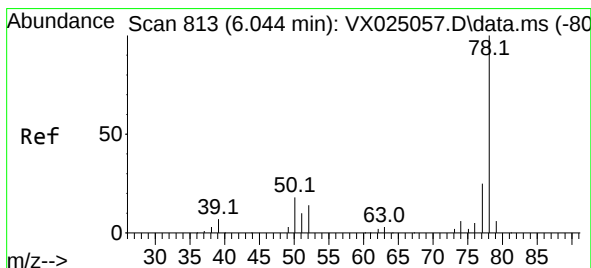
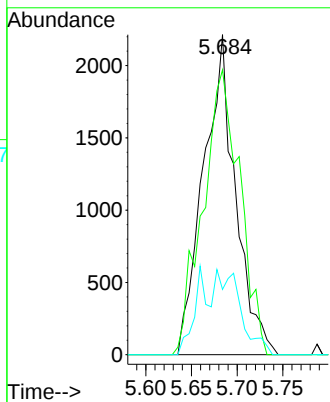
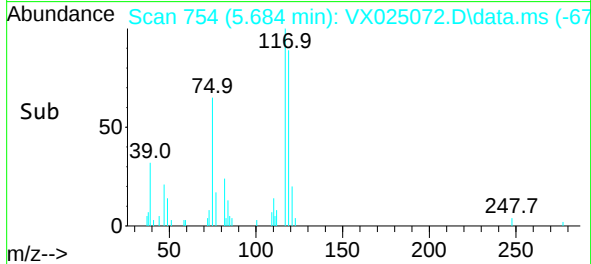
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



Tgt Ion: 117 Resp: 539
Ion Ratio Lower Upper
117 100
119 89.0 75.4 113.2
121 20.4 24.1 36.1

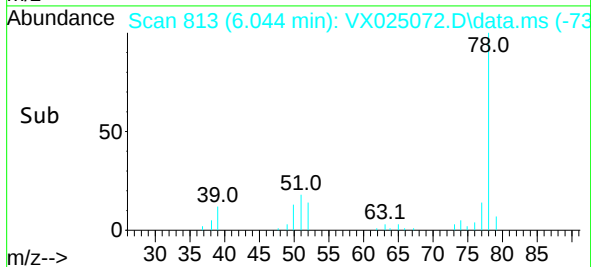
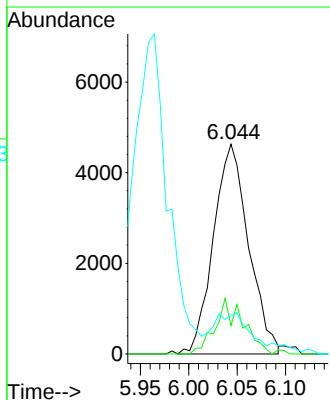
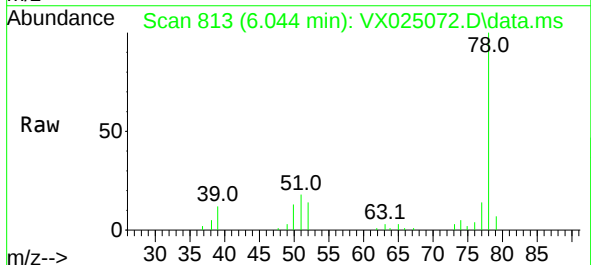
Manual Integrations
APPROVED

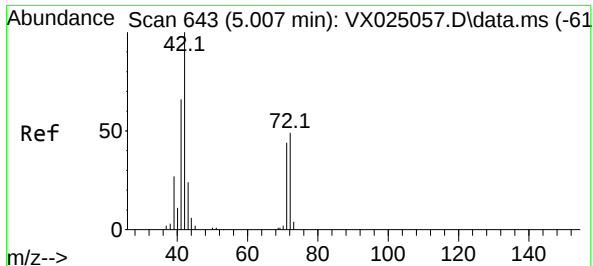
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#34
Benzene
Concen: 2.219 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

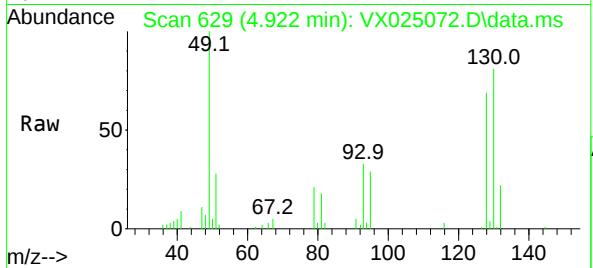
Tgt Ion: 78 Resp: 11692
Ion Ratio Lower Upper
78 100
77 13.6 19.3 28.9#
51 14.2 12.2 18.4





#35
Methacrylonitrile
Concen: 2.349 ug/l m
RT: 4.922 min Scan# 614
Delta R.T. -0.085 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

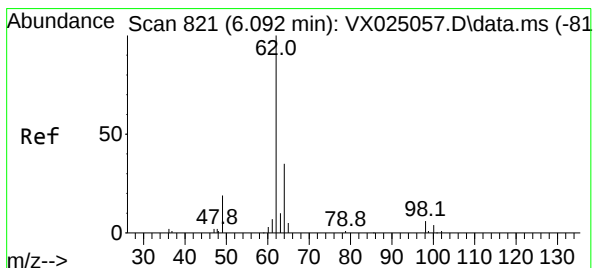
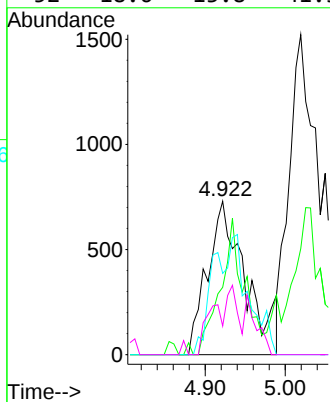
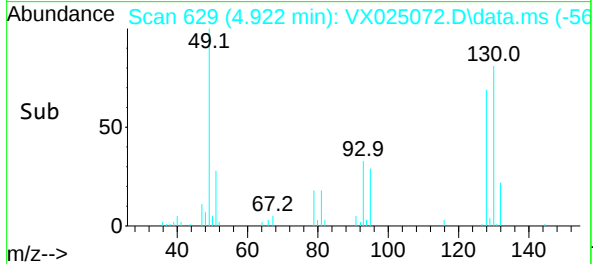
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



Tgt Ion:	41	Resp:	2414
Ion	Ratio	Lower	Upper
41	100		
39	43.8	27.4	82.2
67	52.9	34.6	103.9
52	18.6	13.8	41.3

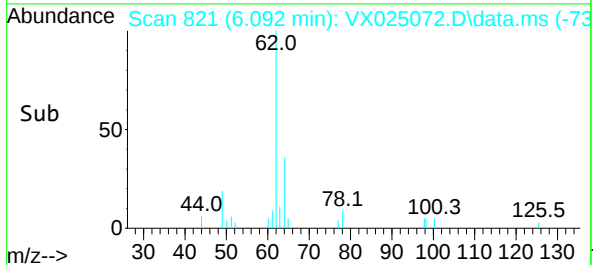
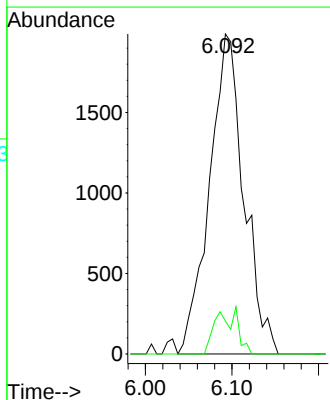
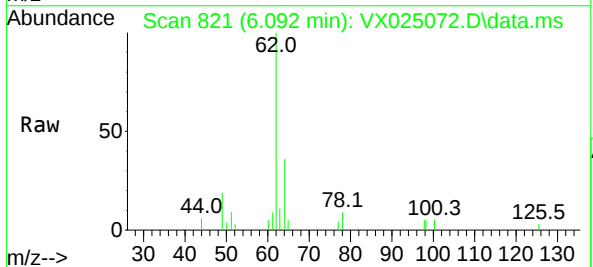
Manual Integrations
APPROVED

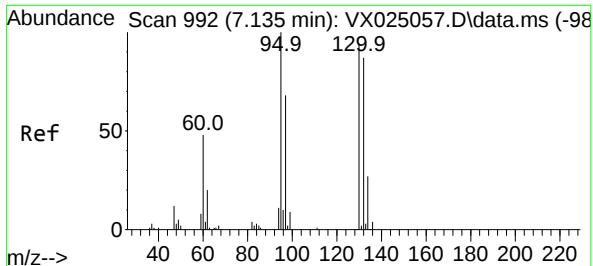
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#36
1,2-Dichloroethane
Concen: 2.147 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

Tgt Ion:	62	Resp:	5482
Ion	Ratio	Lower	Upper
62	100		
98	6.2	7.0	10.4#





#37

Trichloroethene

Concen: 2.289 ug/l

RT: 7.123 min Scan# 992

Delta R.T. -0.012 min

Lab File: VX025072.D

Acq: 04 Nov 2021 14:47

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2021

Tgt Ion:130 Resp: 337

Ion Ratio Lower Upper

130 100

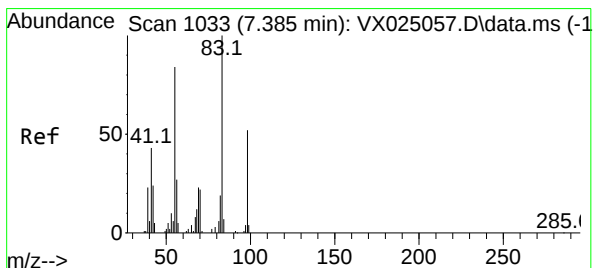
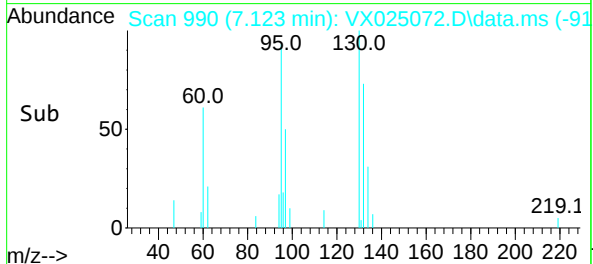
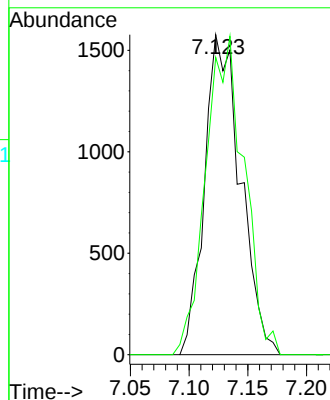
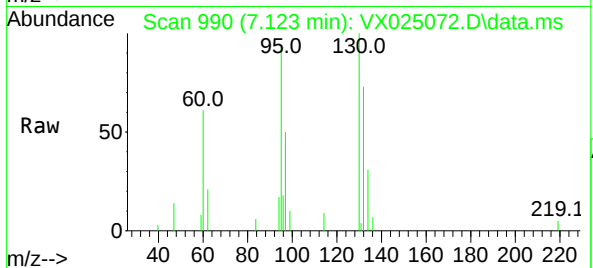
95 92.9 77.0 115.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#38

Methylcyclohexane

Concen: 2.170 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX025072.D

Acq: 04 Nov 2021 14:47

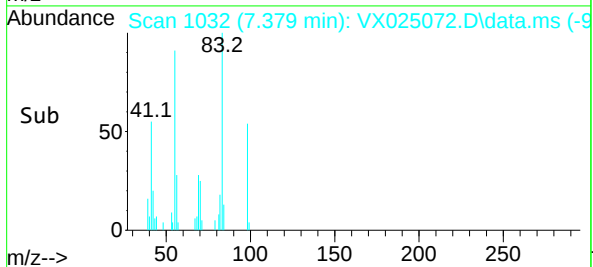
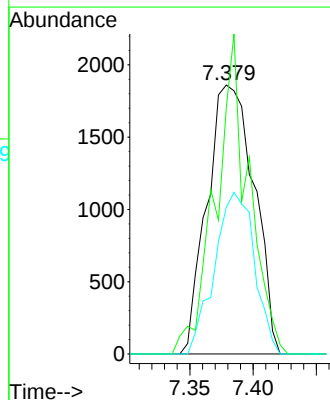
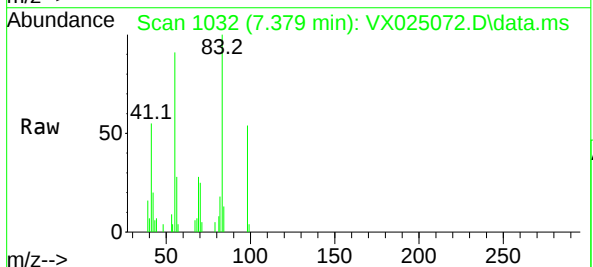
Tgt Ion: 83 Resp: 4813

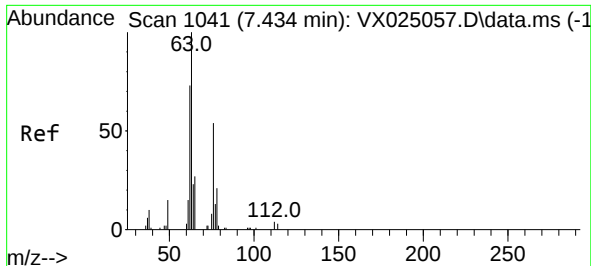
Ion Ratio Lower Upper

83 100

55 80.1 37.8 113.4

98 50.9 23.4 70.3





#39

1,2-Dichloropropane

Concen: 2.127 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX025072.D

Acq: 04 Nov 2021 14:47

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2021

Tgt Ion: 63 Resp: 3058

Ion Ratio Lower Upper

63 100

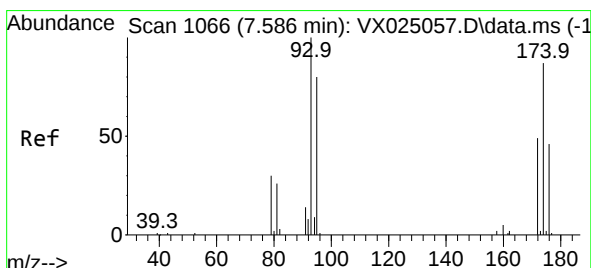
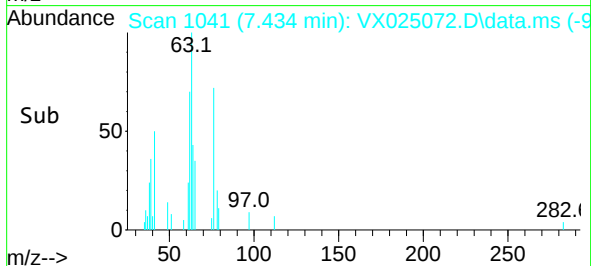
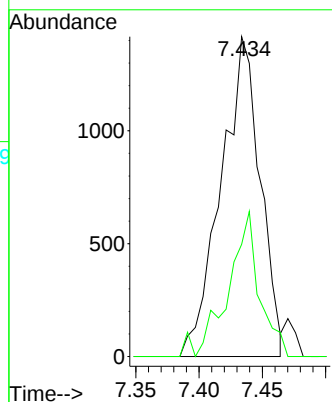
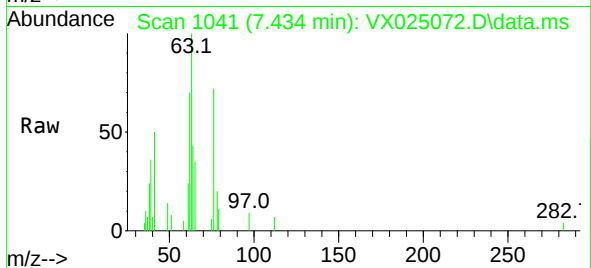
65 35.1 23.4 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#40

Dibromomethane

Concen: 2.327 ug/l

RT: 7.592 min Scan# 1067

Delta R.T. 0.006 min

Lab File: VX025072.D

Acq: 04 Nov 2021 14:47

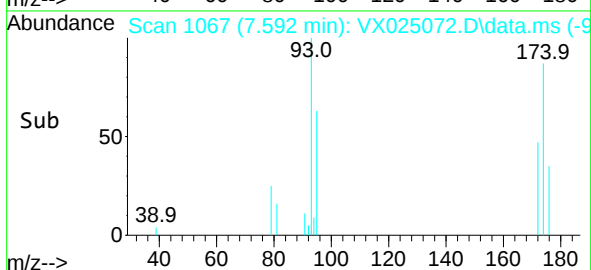
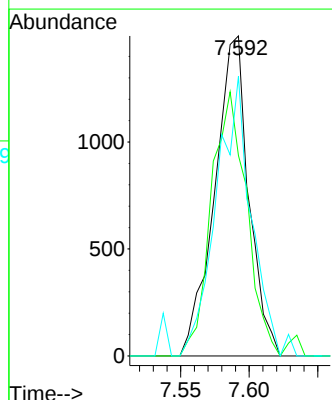
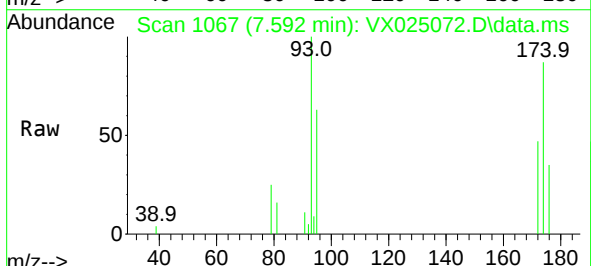
Tgt Ion: 93 Resp: 2607

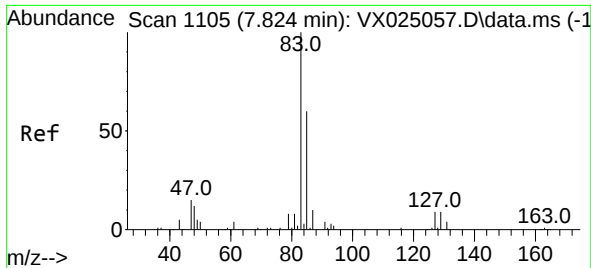
Ion Ratio Lower Upper

93 100

95 85.0 0.0 168.4

174 87.7 0.0 206.6





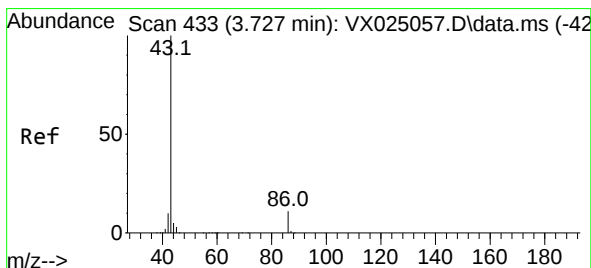
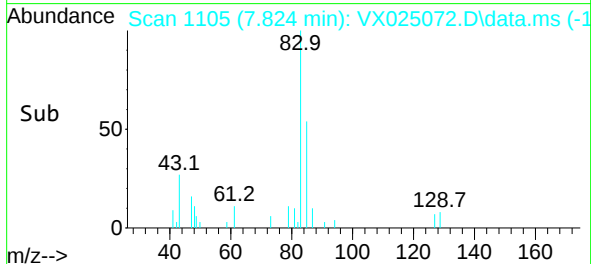
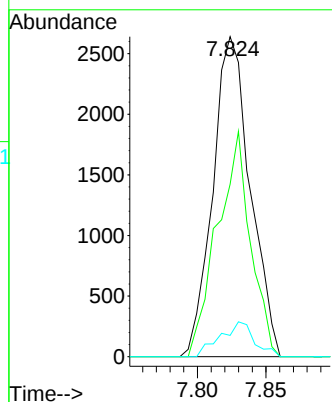
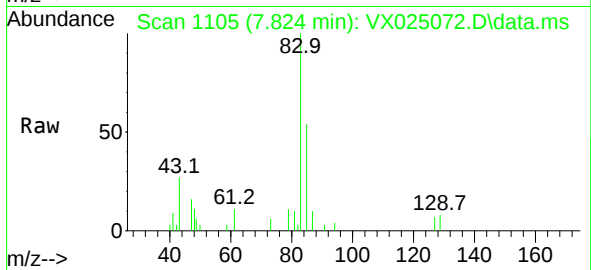
#41
Bromodichloromethane
Concen: 2.109 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2021

Tgt Ion: 83 Resp: 5017
Ion Ratio Lower Upper
83 100
85 53.9 51.7 77.5
127 6.7 7.4 11.0

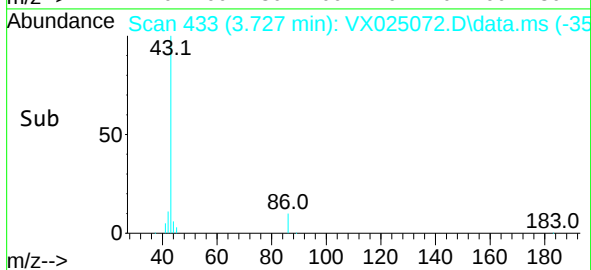
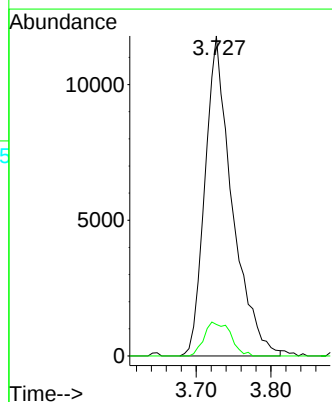
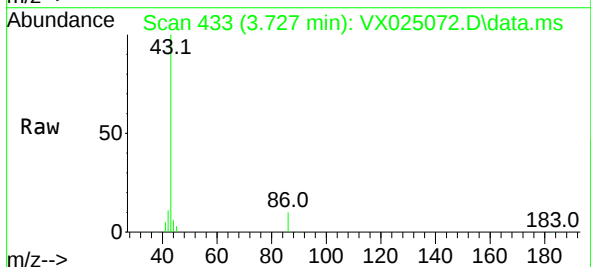
Manual Integrations
APPROVED

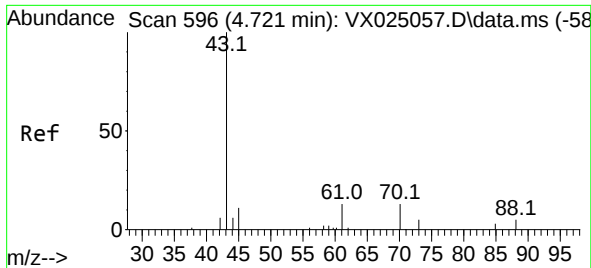
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#42
Vinyl Acetate
Concen: 9.541 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.000 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

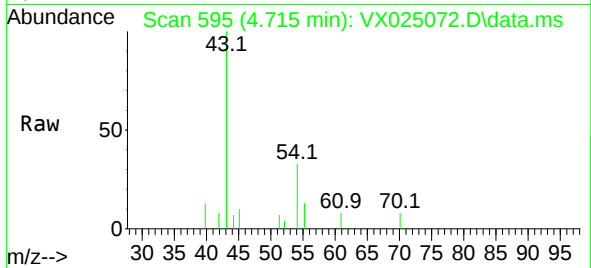
Tgt Ion: 43 Resp: 29742
Ion Ratio Lower Upper
43 100
86 6.7 7.2 10.8





#43
Ethyl Acetate
Concen: 2.057 ug/l m
RT: 4.715 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

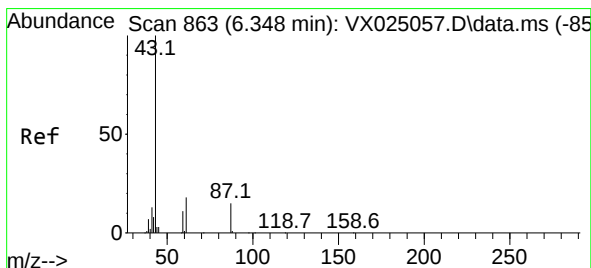
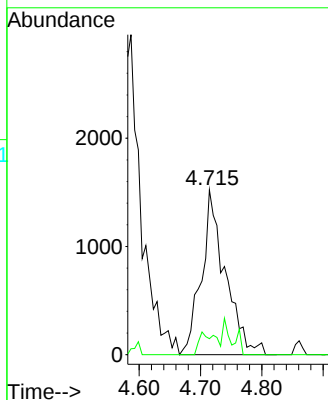
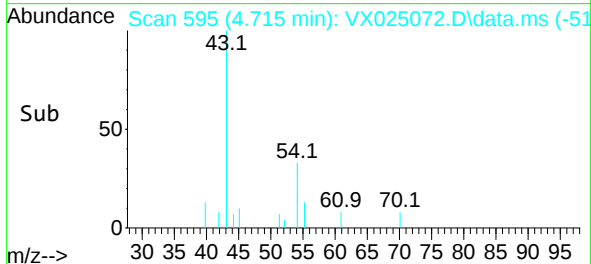
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2021



Tgt Ion: 43 Resp: 4108
Ion Ratio Lower Upper
43 100
45 5.7 12.1 18.1

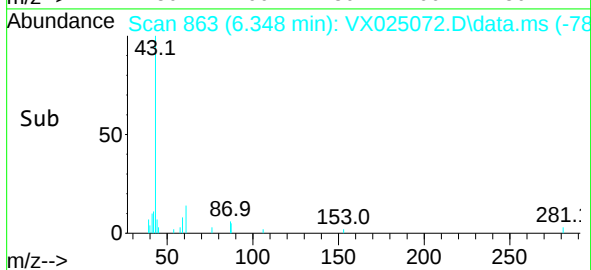
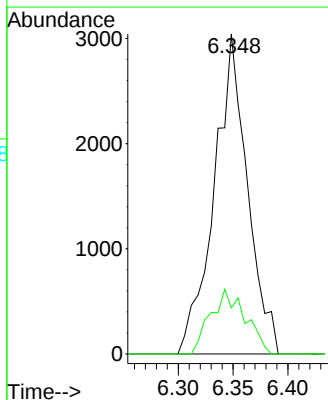
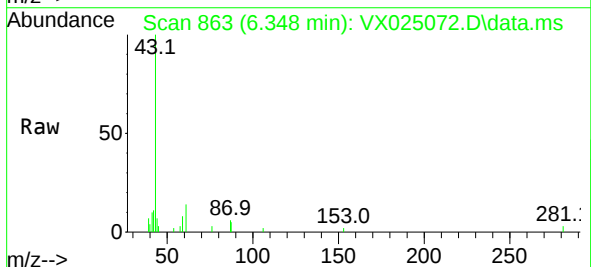
Manual Integrations
APPROVED

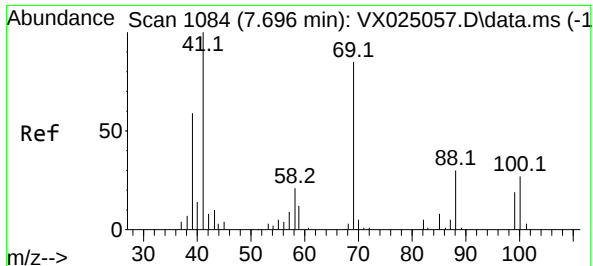
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#44
Isopropyl Acetate
Concen: 2.057 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

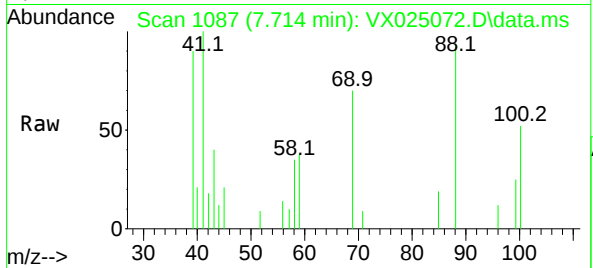
Tgt Ion: 43 Resp: 6426
Ion Ratio Lower Upper
43 100
61 21.1 15.4 23.2





#45
1,4-Dioxane
Concen: 41.422 ug/l m
RT: 7.714 min Scan# 1087
Delta R.T. 0.018 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

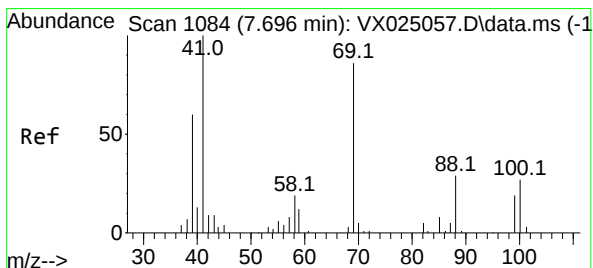
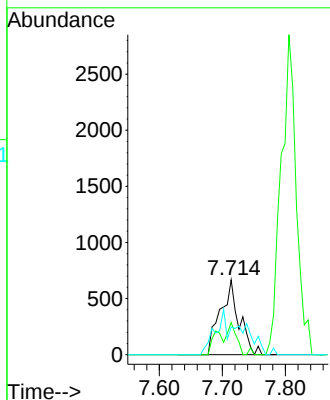
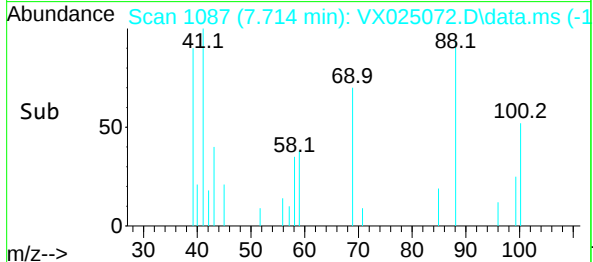
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



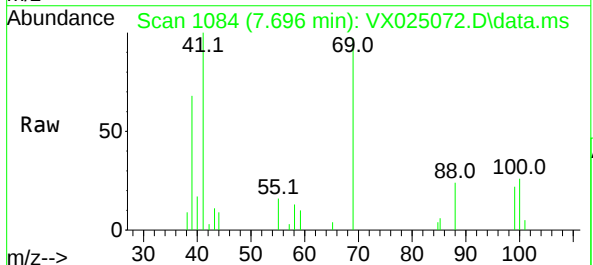
Tgt Ion: 88 Resp: 1374
Ion Ratio Lower Upper
88 100
43 20.7 25.3 37.9
58 12.4 53.1 79.7

Manual Integrations
APPROVED

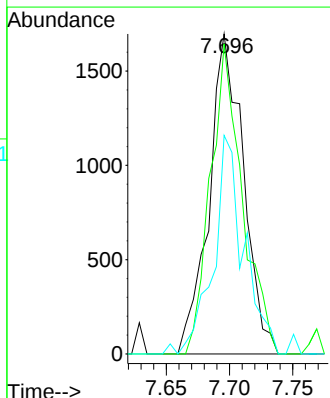
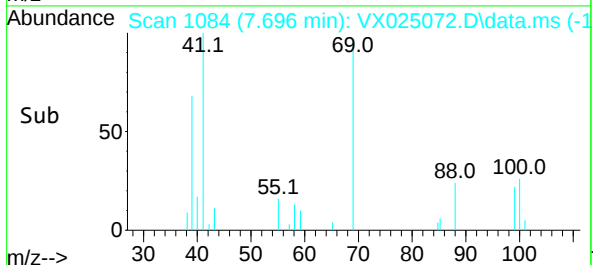
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

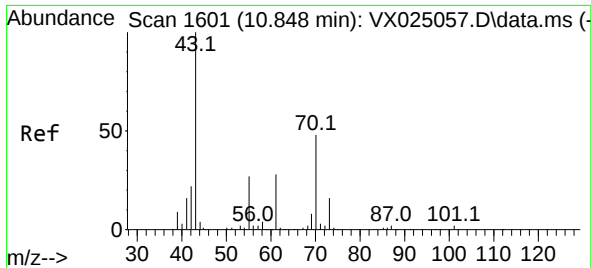


#46
Methyl methacrylate
Concen: 2.100 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47



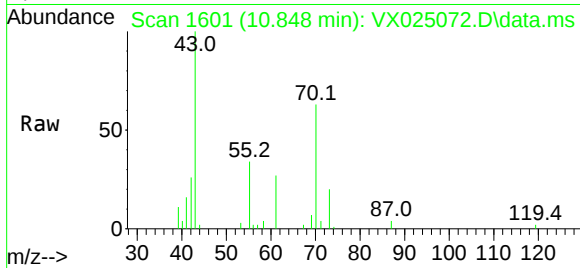
Tgt Ion: 41 Resp: 3207
Ion Ratio Lower Upper
41 100
69 96.9 39.5 118.5
39 68.3 29.0 87.1





#47
n-amy1 Acetate
Concen: 1.884 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

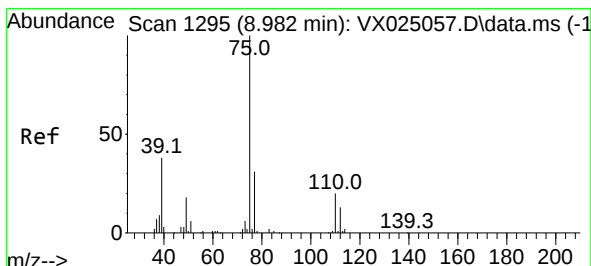
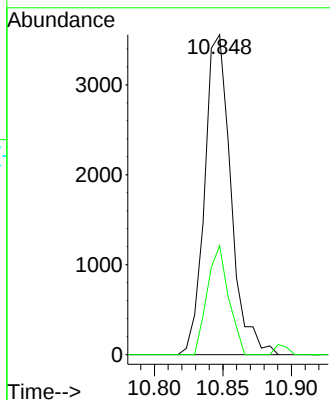
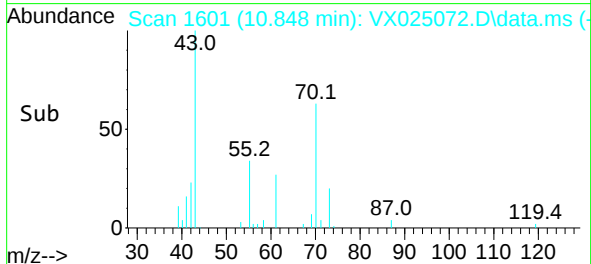
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



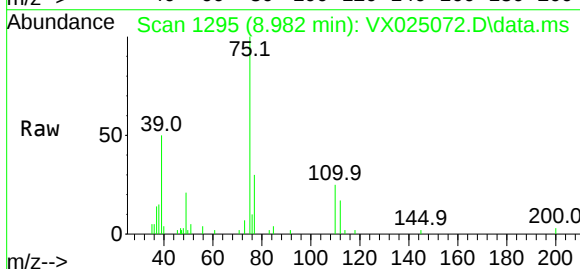
Tgt Ion: 43 Resp: 4740
Ion Ratio Lower Upper
43 100
55 27.5 18.9 28.3

Manual Integrations
APPROVED

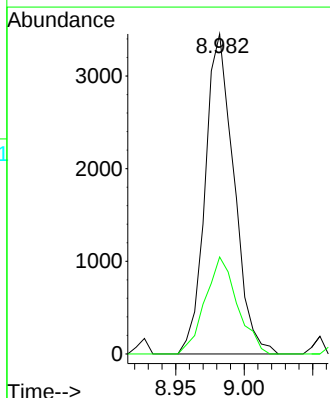
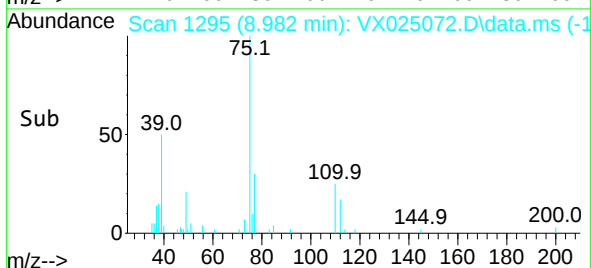
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

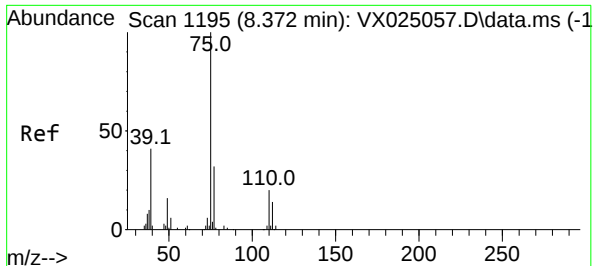


#48
t-1,3-Dichloropropene
Concen: 1.968 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47



Tgt Ion: 75 Resp: 5043
Ion Ratio Lower Upper
75 100
77 30.3 25.8 38.8





#49

cis-1,3-Dichloropropene

Concen: 2.013 ug/l

RT: 8.366 min Scan# 1195

Delta R.T. -0.006 min

Lab File: VX025072.D

Acq: 04 Nov 2021 14:47

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2021

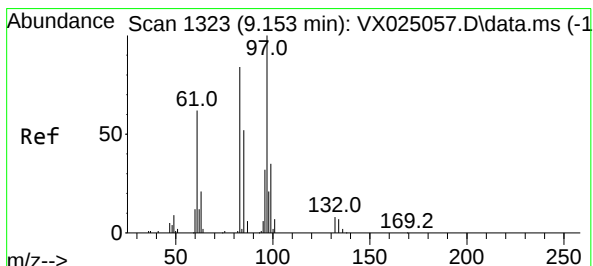
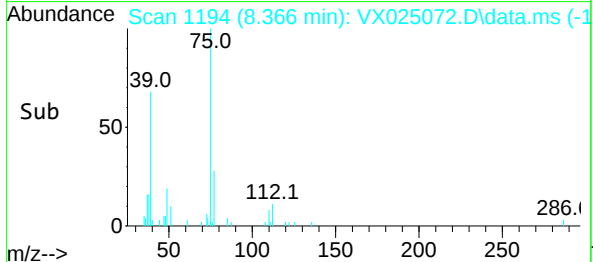
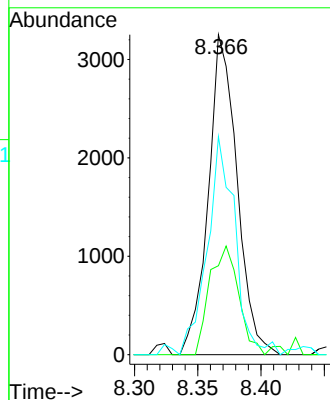
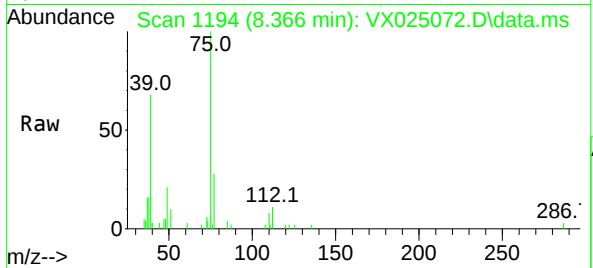
Tgt Ion: 75	Resp: 514
Ion Ratio	Lower Upper
75 100	
77 27.8	23.6 35.4
39 68.1	44.0 66.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#50

1,1,2-Trichloroethane

Concen: 1.696 ug/l

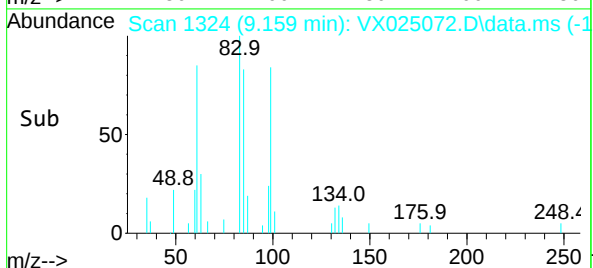
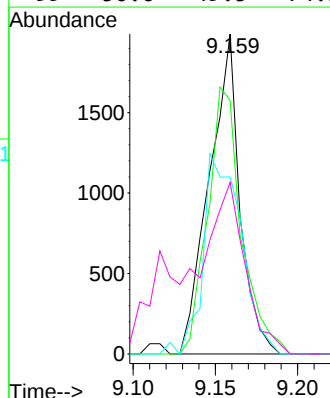
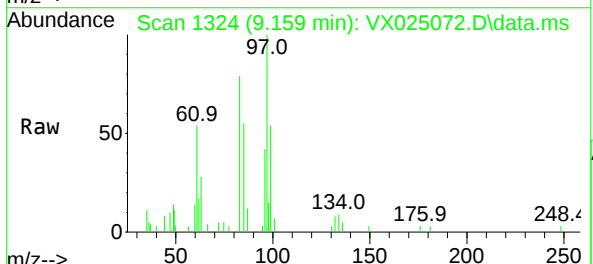
RT: 9.159 min Scan# 1324

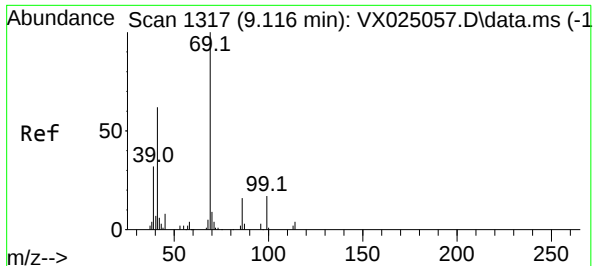
Delta R.T. 0.006 min

Lab File: VX025072.D

Acq: 04 Nov 2021 14:47

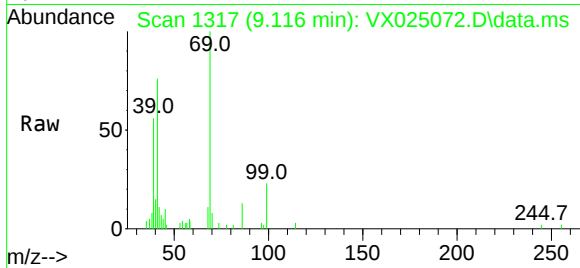
Tgt Ion: 97	Resp: 2573
Ion Ratio	Lower Upper
97 100	
83 79.2	64.2 96.4
85 55.4	42.4 63.6
99 50.6	49.5 74.3





#51
Ethyl methacrylate
Concen: 1.653 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

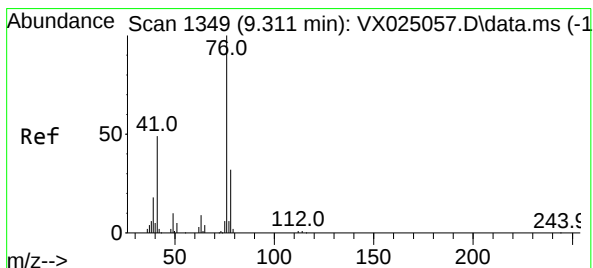
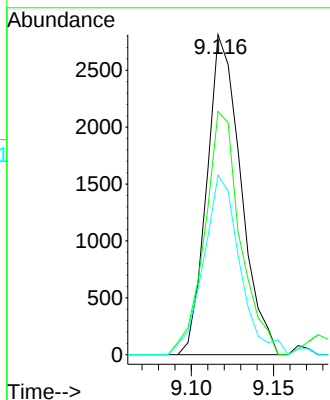
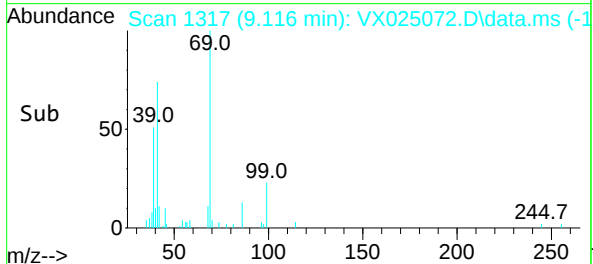
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



Tgt Ion: 69 Resp: 404
Ion Ratio Lower Upper
69 100
41 76.0 35.8 107.3
39 52.9 20.3 60.8

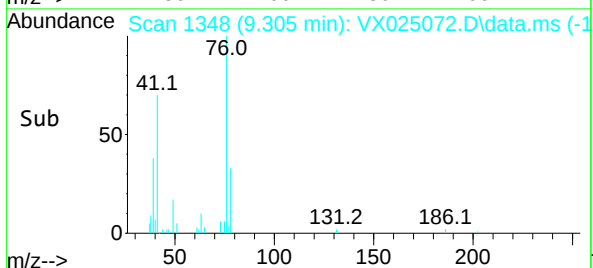
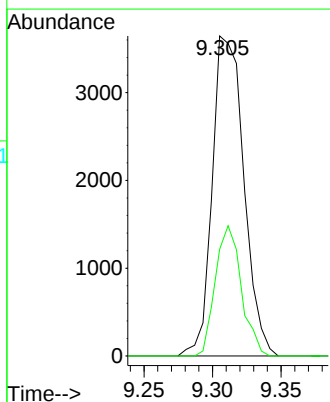
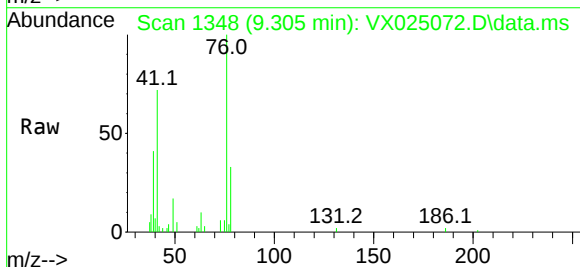
Manual Integrations
APPROVED

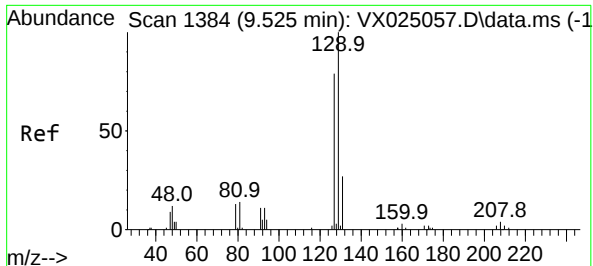
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#52
1,3-Dichloropropane
Concen: 2.251 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

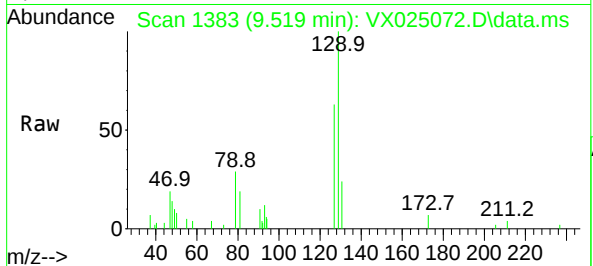
Tgt Ion: 76 Resp: 5833
Ion Ratio Lower Upper
76 100
78 33.5 0.0 64.0





#53
Dibromochloromethane
Concen: 1.763 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

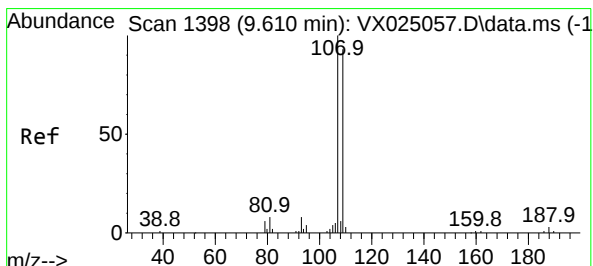
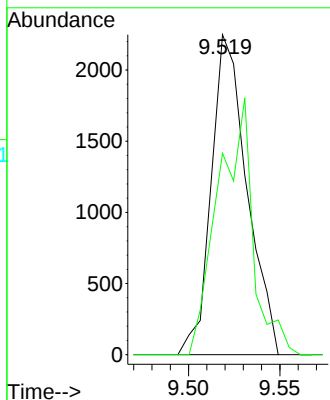
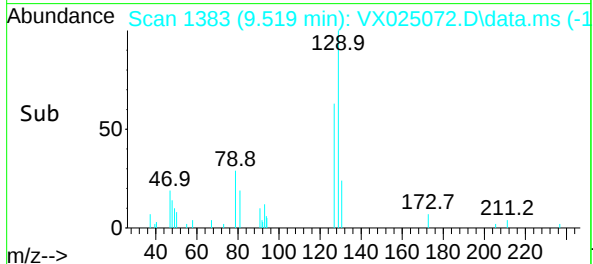
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



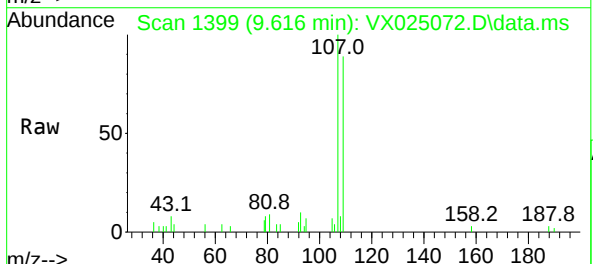
Tgt Ion:129 Resp: 3052
Ion Ratio Lower Upper
129 100
127 75.0 39.3 117.9

Manual Integrations
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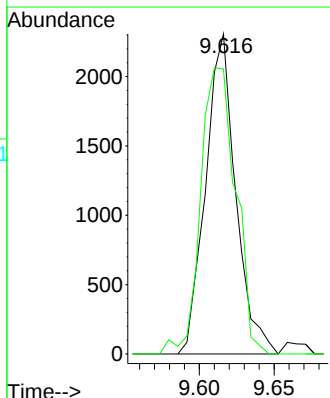
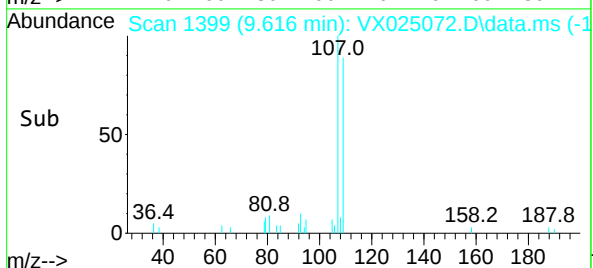
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

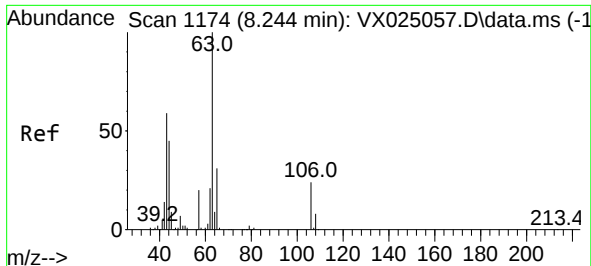


#54
1,2-Dibromoethane
Concen: 1.907 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47



Tgt Ion:107 Resp: 3231
Ion Ratio Lower Upper
107 100
109 99.2 75.3 112.9





#55

2-Chloroethyl vinyl ether

Concen: 11.666 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX025072.D

Acq: 04 Nov 2021 14:47

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2021

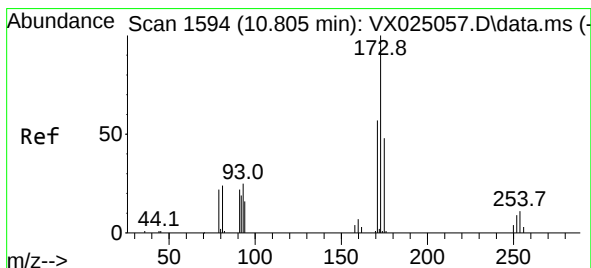
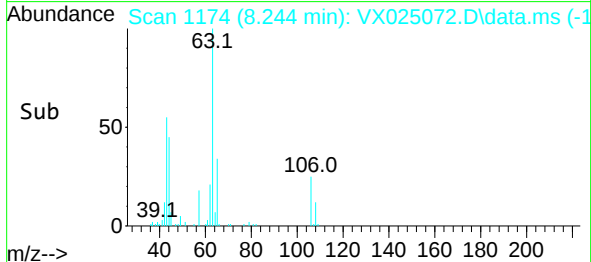
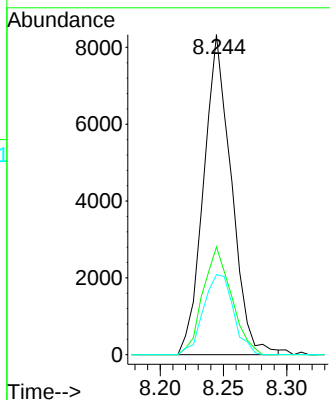
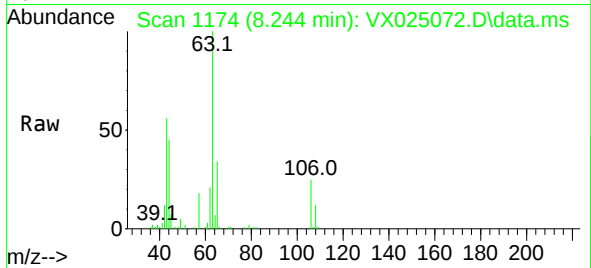
Tgt Ion: 63	Resp: 12690
Ion Ratio	Lower Upper
63 100	
65 34.7	25.8 38.6
106 27.1	21.8 32.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#56

Bromoform

Concen: 1.973 ug/l

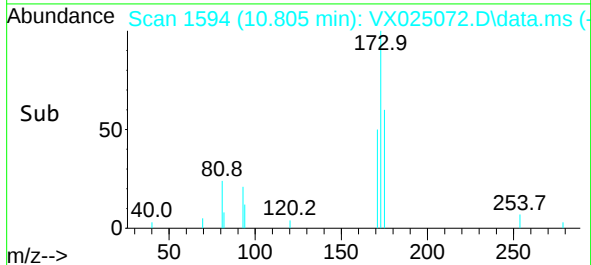
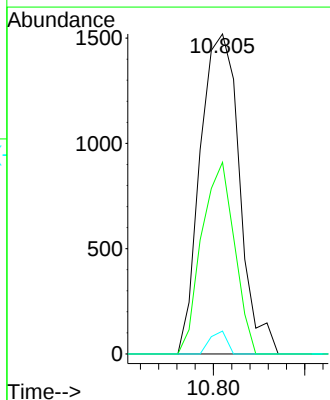
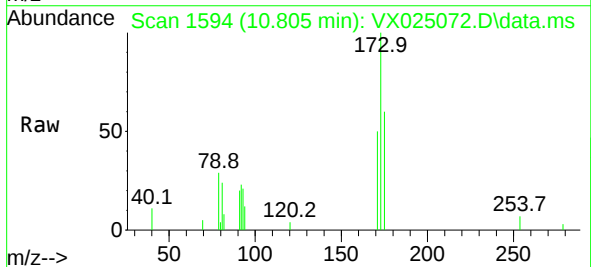
RT: 10.805 min Scan# 1594

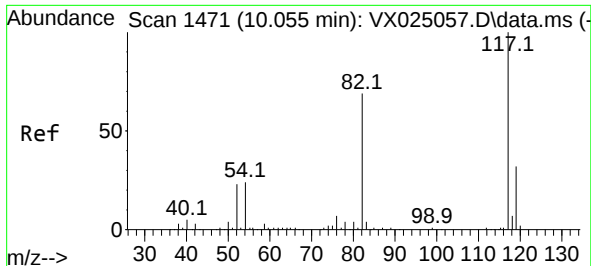
Delta R.T. 0.000 min

Lab File: VX025072.D

Acq: 04 Nov 2021 14:47

Tgt Ion: 173	Resp: 2268
Ion Ratio	Lower Upper
173 100	
175 49.9	38.4 57.6
254 3.0	7.3 10.9





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX025072.D

Acq: 04 Nov 2021 14:47

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2021

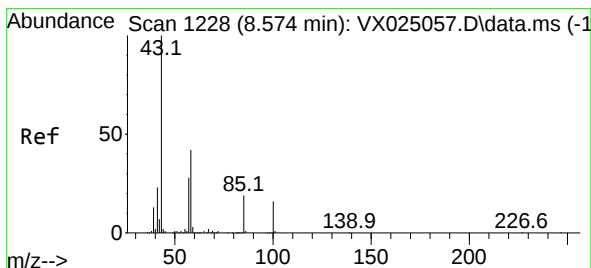
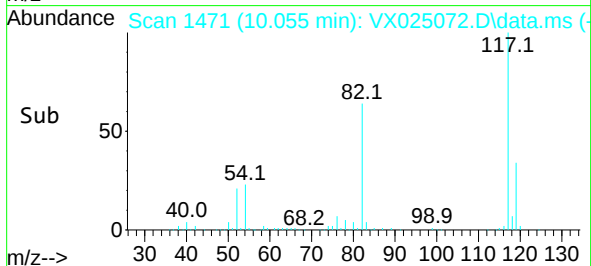
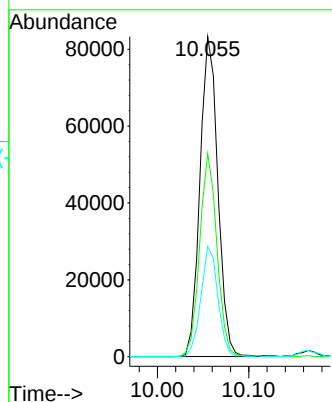
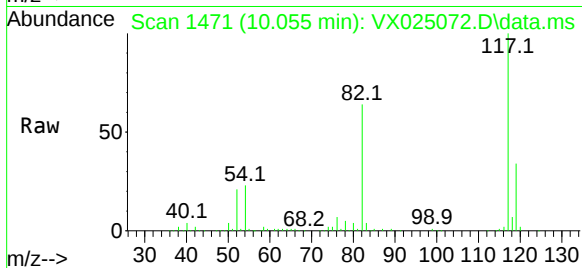
Tgt Ion:	117	Resp:	11293
Ion Ratio	Lower	Upper	
117	100		
82	61.5	45.0	67.4
119	32.6	26.2	39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#58

4-Methyl-2-Pentanone

Concen: 12.632 ug/l

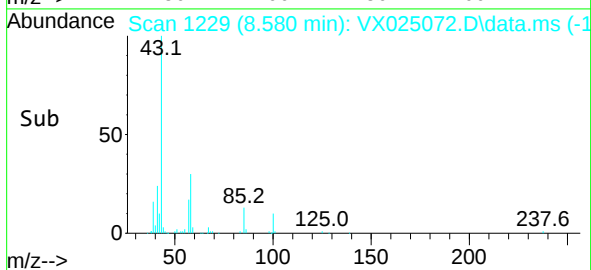
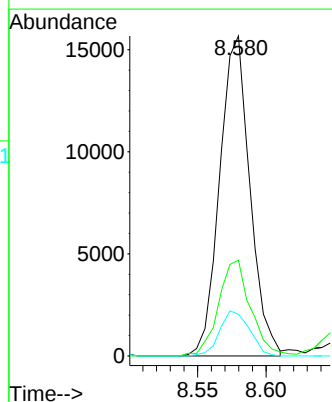
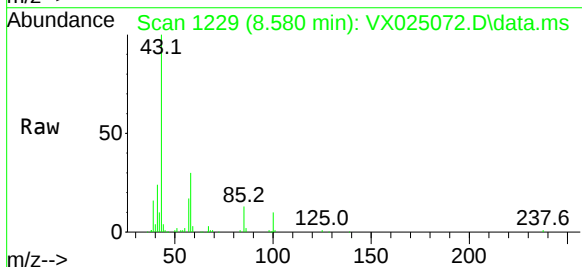
RT: 8.580 min Scan# 1229

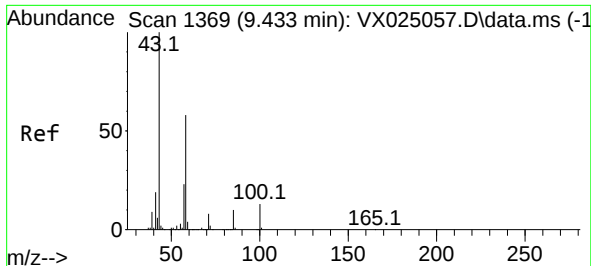
Delta R.T. 0.006 min

Lab File: VX025072.D

Acq: 04 Nov 2021 14:47

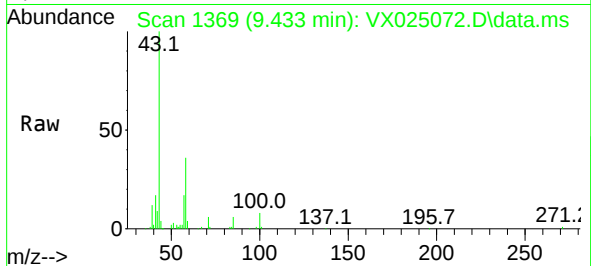
Tgt Ion:	43	Resp:	24049
Ion Ratio	Lower	Upper	
43	100		
58	31.8	30.5	45.7
85	13.9	14.0	21.0





#59
2-Hexanone
Concen: 13.974 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

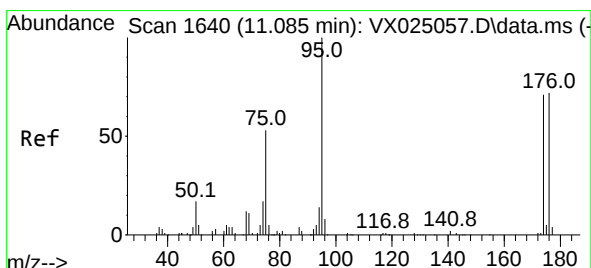
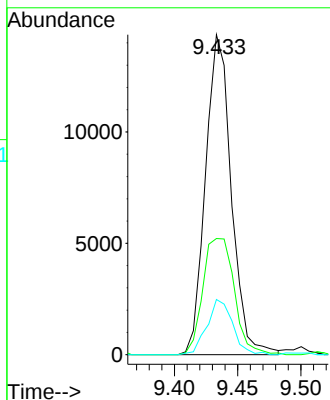
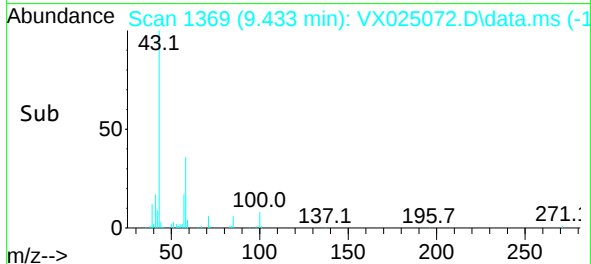
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



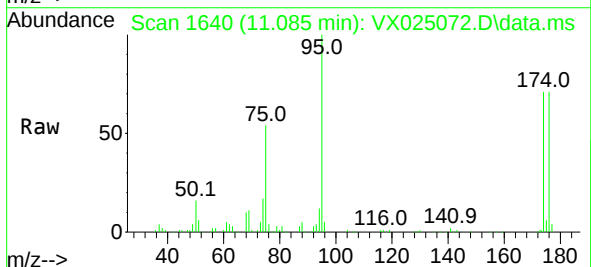
Tgt Ion: 43 Resp: 2044
Ion Ratio Lower Upper
43 100
58 44.3 42.1 63.1
57 17.1 14.9 22.3

Manual Integrations
APPROVED

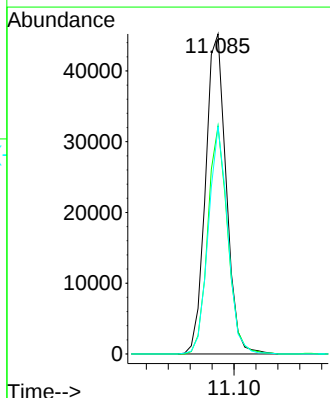
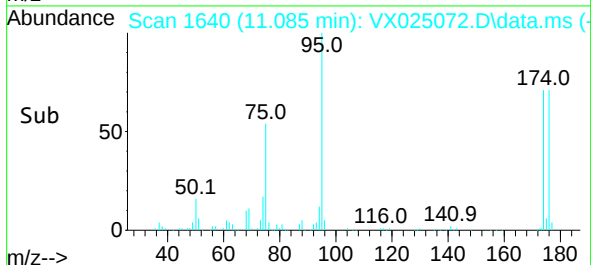
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

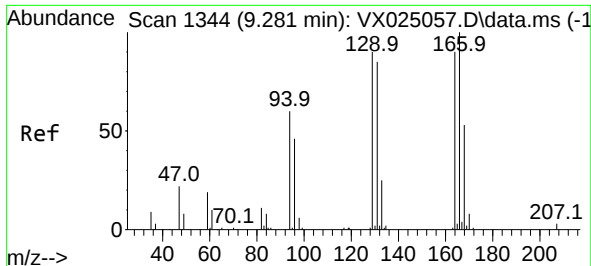


#60
4-Bromofluorobenzene
Concen: 28.704 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47



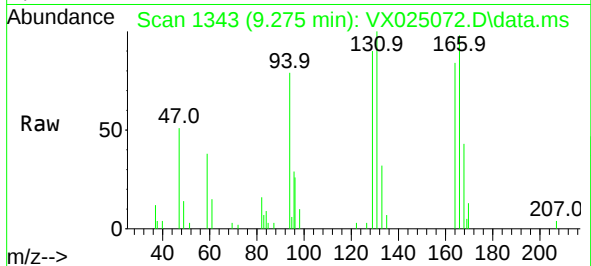
Tgt Ion: 95 Resp: 59144
Ion Ratio Lower Upper
95 100
174 68.4 63.5 95.3
176 66.8 63.0 94.4





#61
Tetrachloroethene
Concen: 2.285 ug/l
RT: 9.275 min Scan# 1344
Delta R.T. -0.006 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

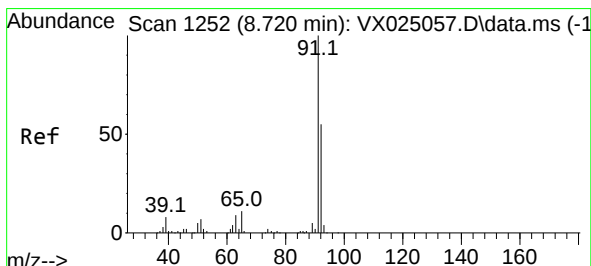
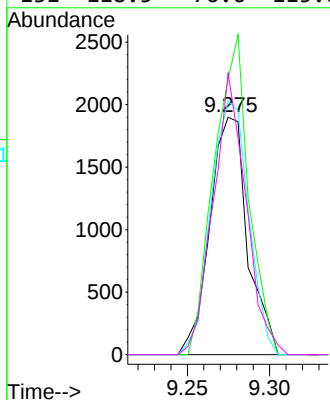
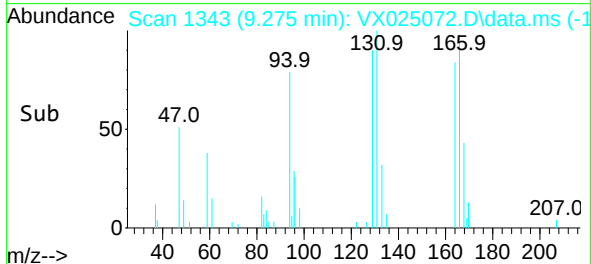
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2021



Tgt Ion:164 Resp: 3024
Ion Ratio Lower Upper
164 100
166 115.9 98.6 147.8
129 106.8 79.7 119.5
131 118.5 76.6 115.0#

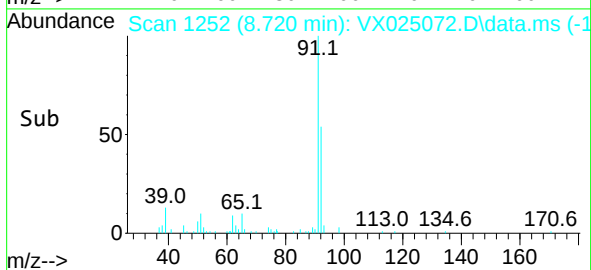
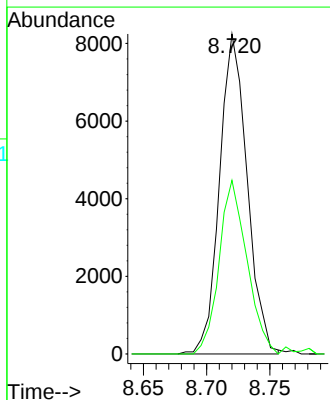
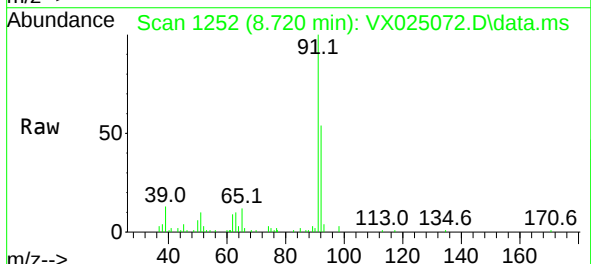
Manual Integrations
APPROVED

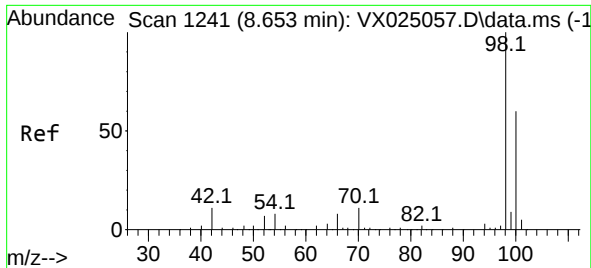
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#62
Toluene
Concen: 2.163 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

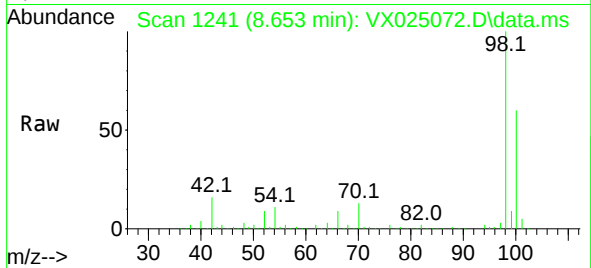
Tgt Ion: 91 Resp: 12494
Ion Ratio Lower Upper
91 100
92 54.8 46.5 69.7





#63
Toluene-d8
Concen: 29.425 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

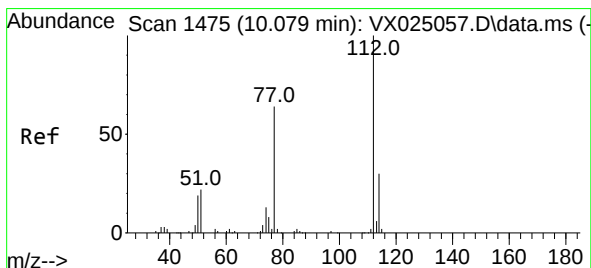
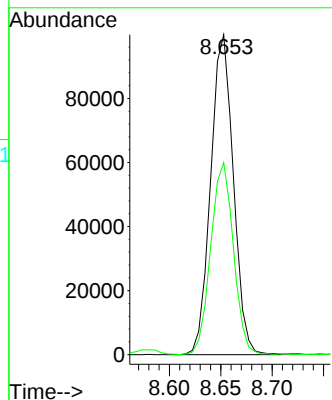
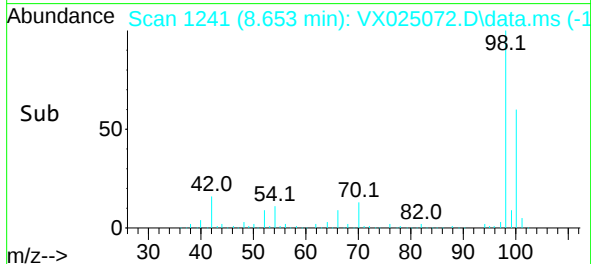
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



Tgt Ion: 98 Resp: 15347
Ion Ratio Lower Upper
98 100
100 60.1 51.4 77.0

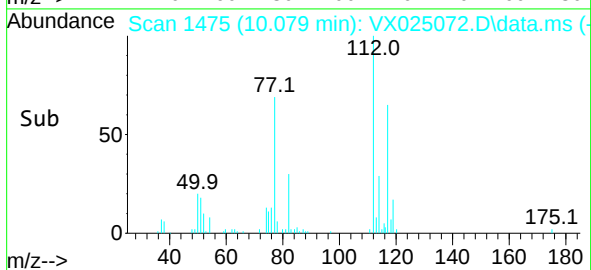
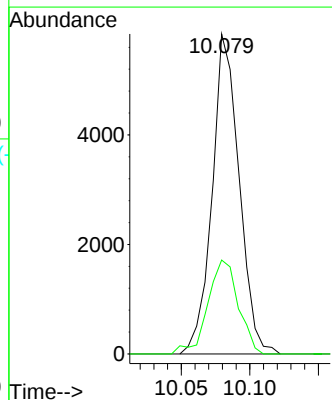
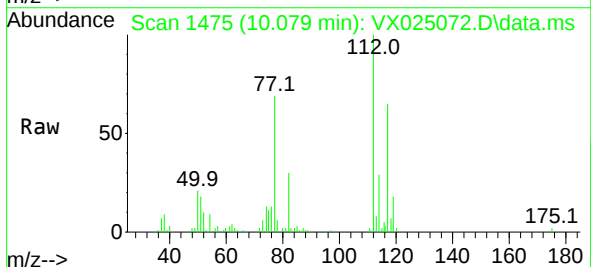
Manual Integrations
APPROVED

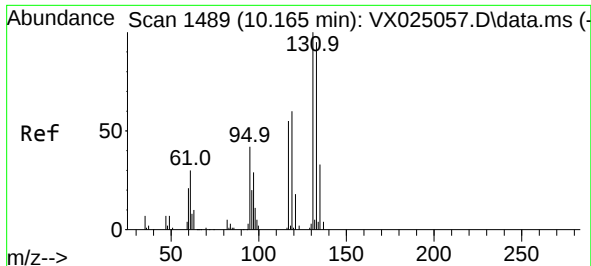
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#64
Chlorobenzene
Concen: 2.294 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

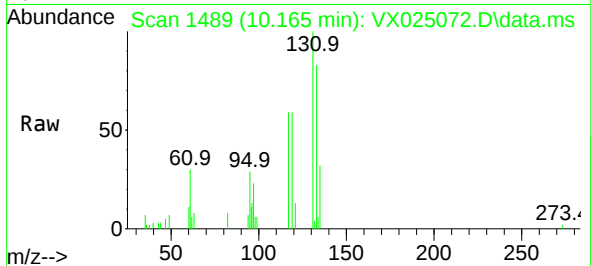
Tgt Ion:112 Resp: 8003
Ion Ratio Lower Upper
112 100
114 29.4 26.0 39.0





#65
1,1,1,2-Tetrachloroethane
Concen: 2.136 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

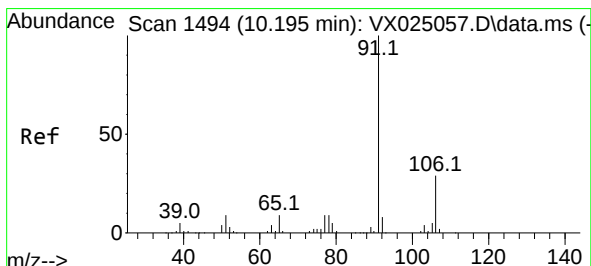
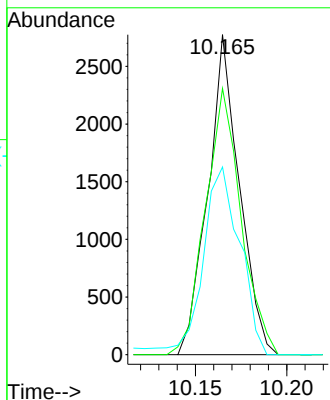
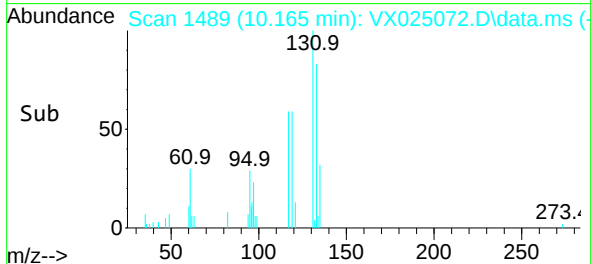
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2021



Tgt Ion:131 Resp: 3330
Ion Ratio Lower Upper
131 100
133 94.0 0.0 191.2
119 68.5 0.0 133.2

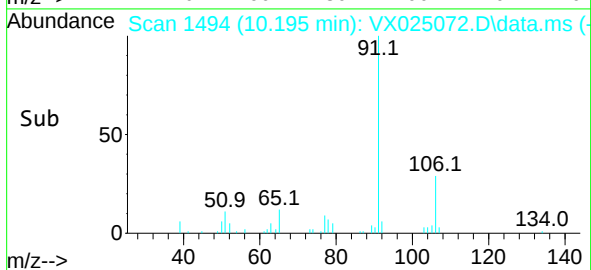
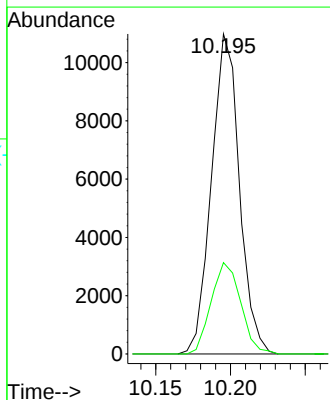
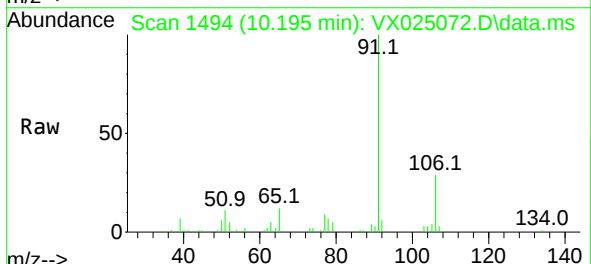
Manual Integrations
APPROVED

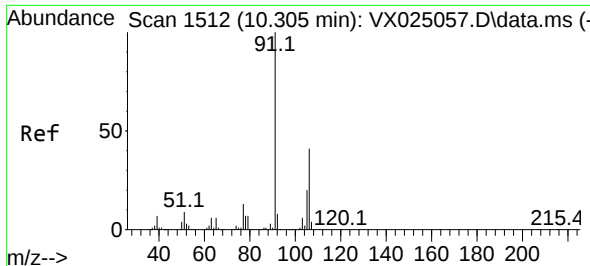
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#66
Ethyl Benzene
Concen: 2.086 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

Tgt Ion: 91 Resp: 14249
Ion Ratio Lower Upper
91 100
106 28.6 24.7 37.1





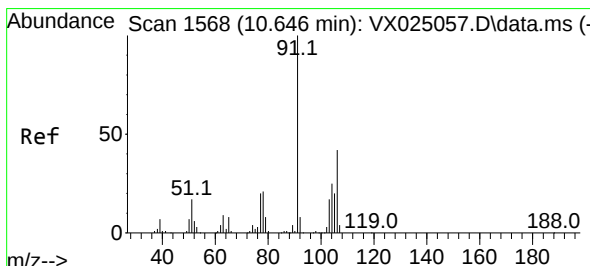
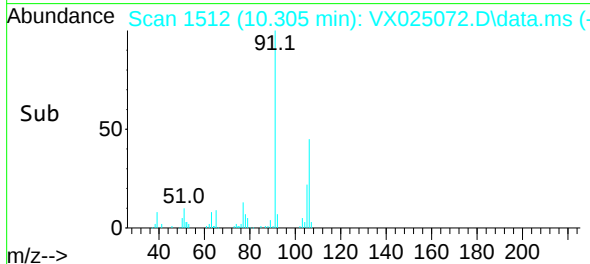
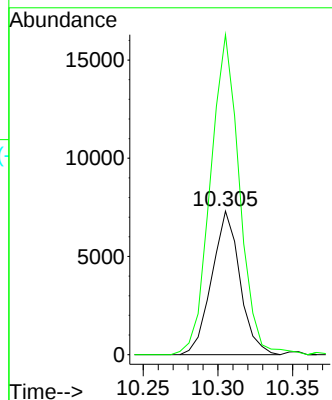
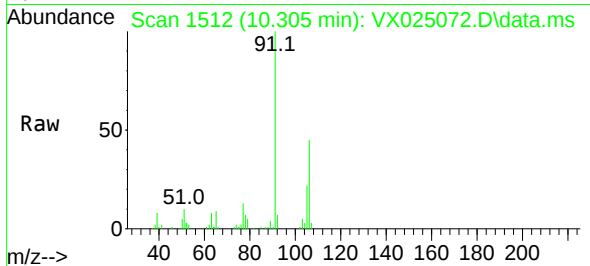
#67
m/p-Xylenes
Concen: 4.074 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021

Tgt Ion:106 Resp: 956
Ion Ratio Lower Upper
106 100
91 227.6 162.4 243.6

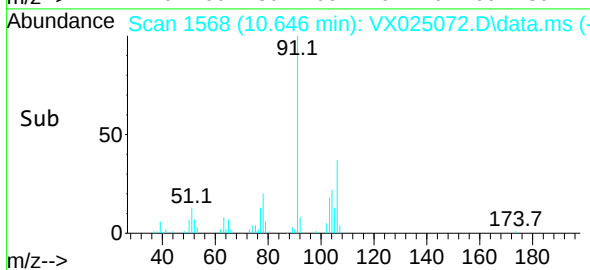
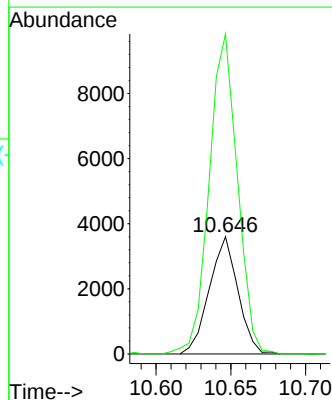
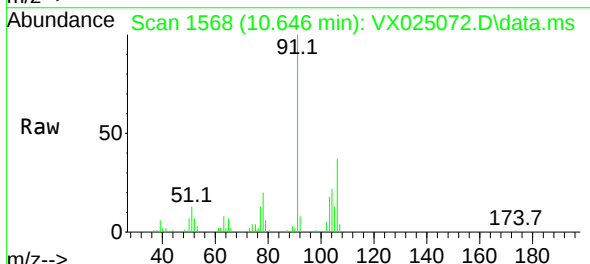
Manual Integrations
APPROVED

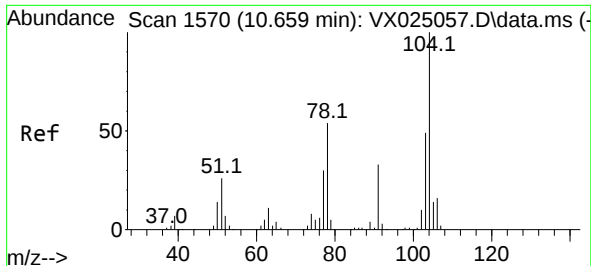
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#68
o-Xylene
Concen: 2.093 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

Tgt Ion:106 Resp: 4801
Ion Ratio Lower Upper
106 100
91 268.8 107.3 321.8





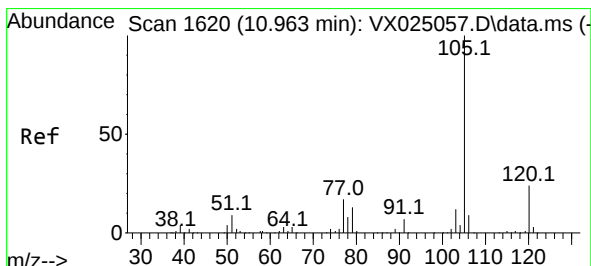
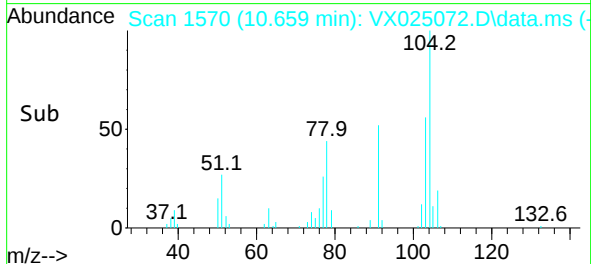
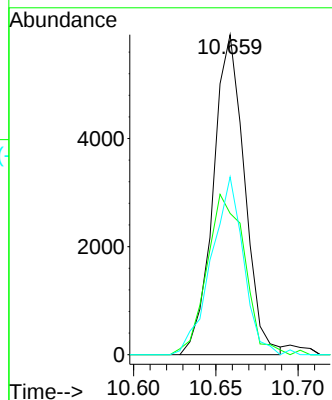
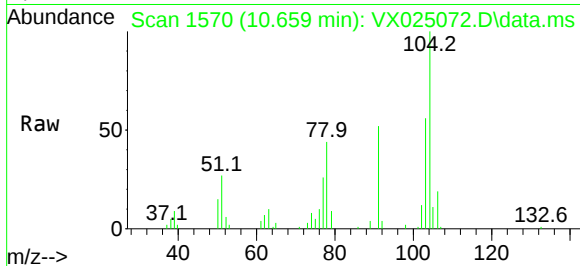
#69
Styrene
Concen: 2.007 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2021

Tgt Ion:104 Resp: 782
Ion Ratio Lower Upper
104 100
78 59.8 41.4 62.0
103 57.1 44.2 66.4

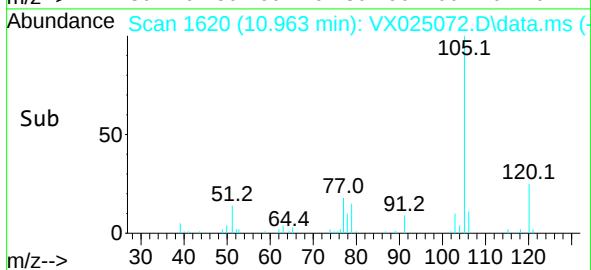
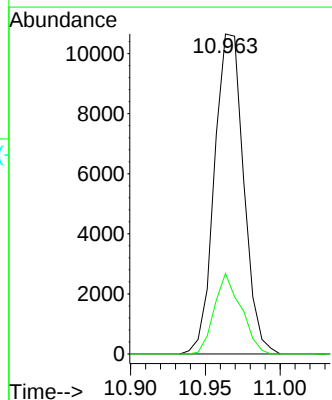
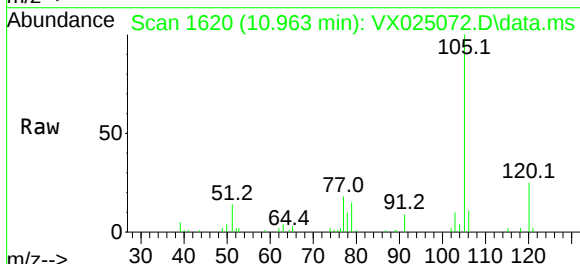
Manual Integrations
APPROVED

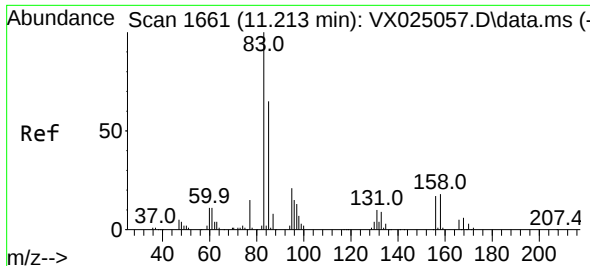
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#70
Isopropylbenzene
Concen: 2.177 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

Tgt Ion:105 Resp: 14507
Ion Ratio Lower Upper
105 100
120 22.9 18.7 34.7





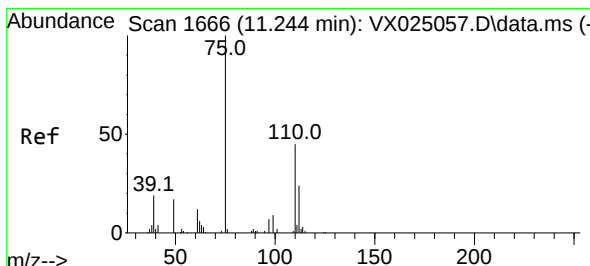
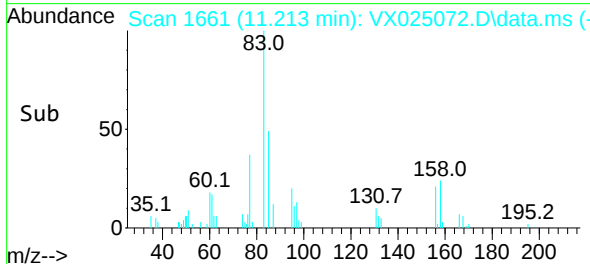
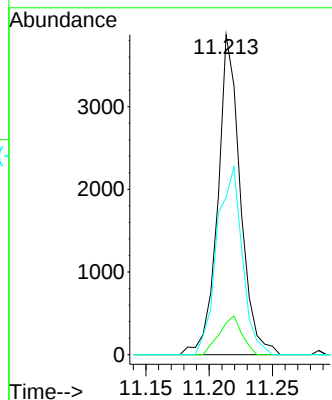
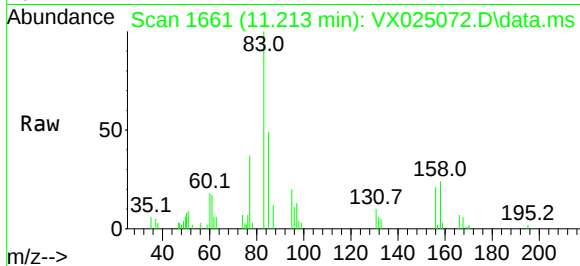
#71
1,1,2,2-Tetrachloroethane
Concen: 2.170 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2021

Tgt Ion: 83 Resp: 477
Ion Ratio Lower Upper
83 100
131 12.0 5.1 15.4
85 66.2 32.4 97.2

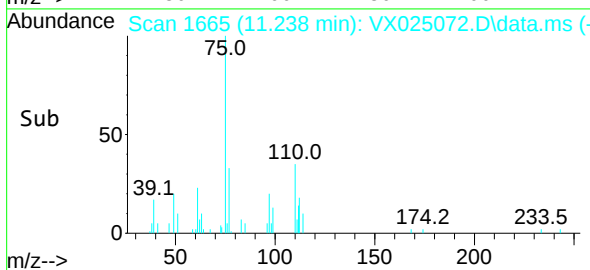
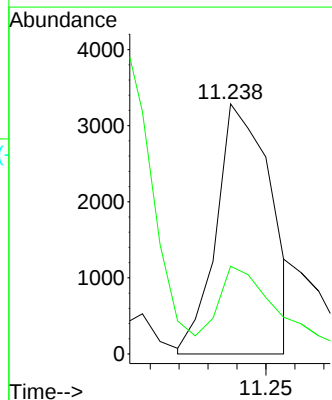
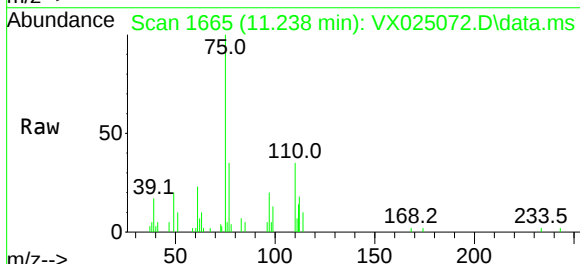
Manual Integrations
APPROVED

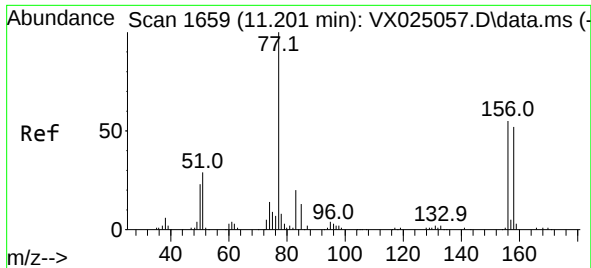
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#72
1,2,3-Trichloropropane
Concen: 2.019 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

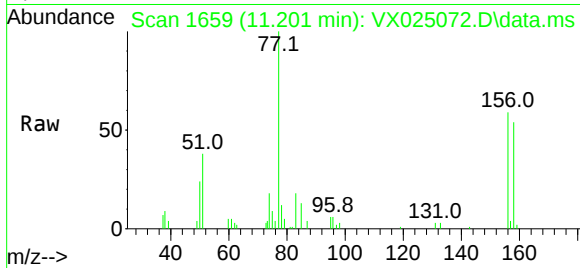
Tgt Ion: 75 Resp: 4301
Ion Ratio Lower Upper
75 100
77 39.6 0.0 77.4





#73
Bromobenzene
Concen: 2.164 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

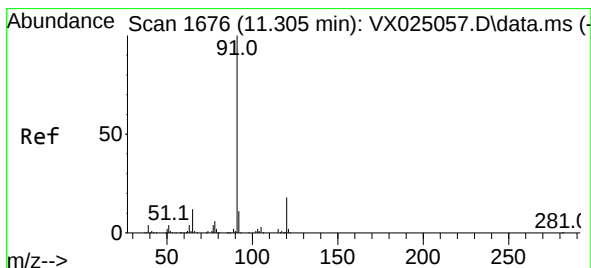
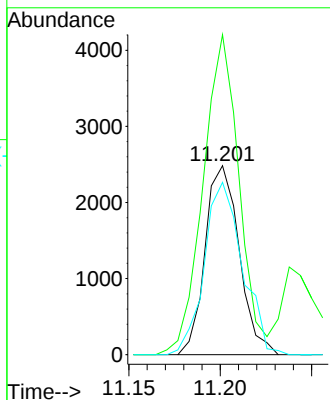
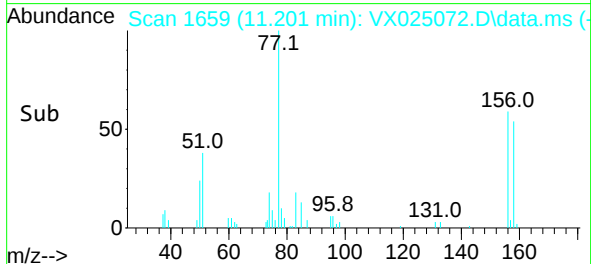
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



Tgt Ion: 156 Resp: 322
Ion Ratio Lower Upper
156 100
77 178.5 0.0 303.2
158 102.0 0.0 197.2

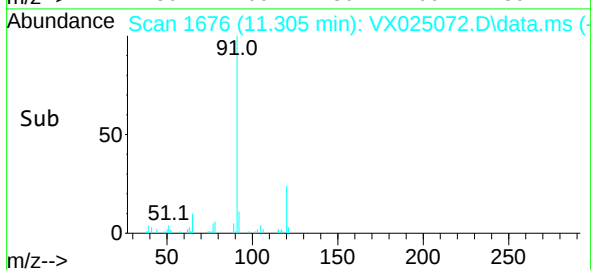
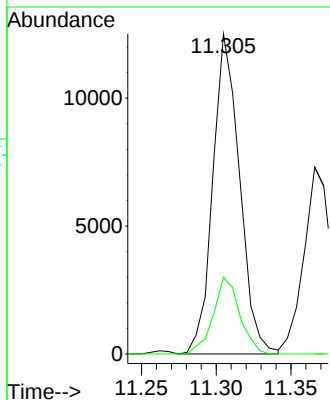
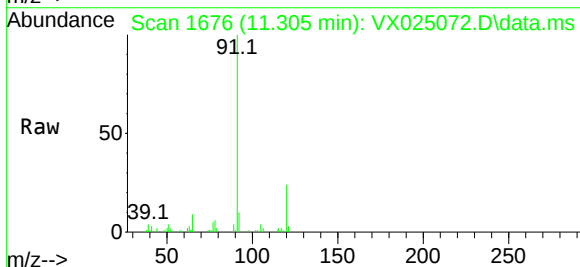
Manual Integrations
APPROVED

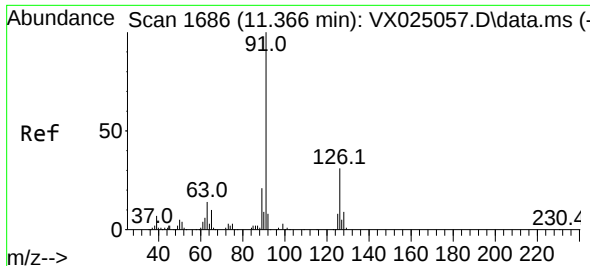
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#74
n-propylbenzene
Concen: 1.971 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

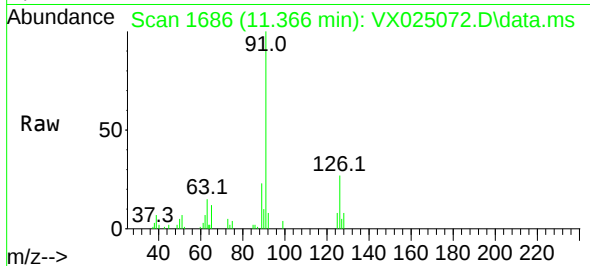
Tgt Ion: 91 Resp: 15574
Ion Ratio Lower Upper
91 100
120 23.7 0.0 46.0





#75
2-Chlorotoluene
Concen: 1.885 ug/l
RT: 11.366 min Scan# 10
Delta R.T. 0.000 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

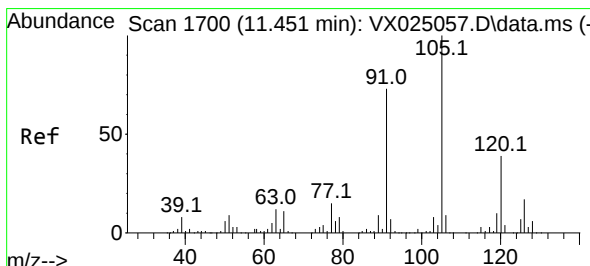
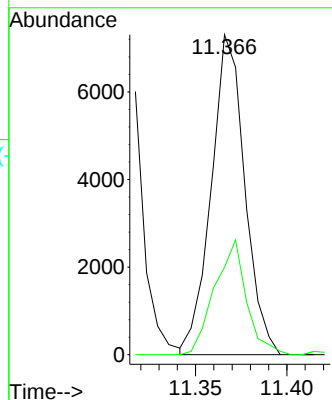
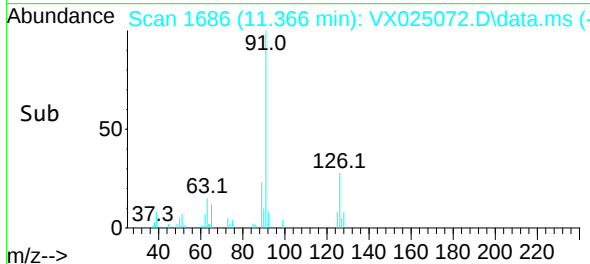
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



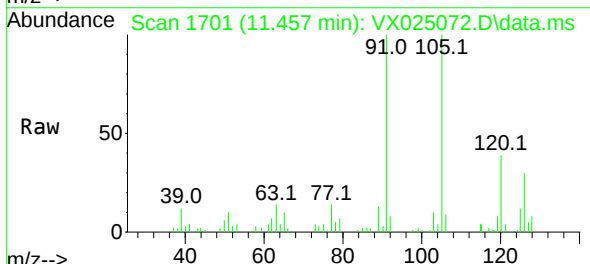
Tgt Ion: 91 Resp: 933
Ion Ratio Lower Upper
91 100
126 33.9 0.0 69.0

Manual Integrations
APPROVED

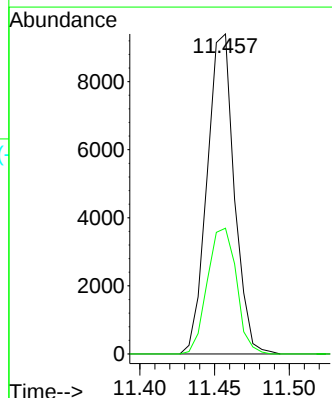
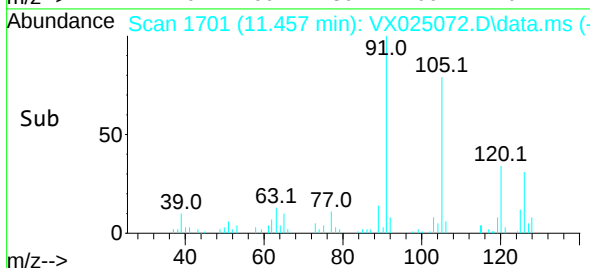
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

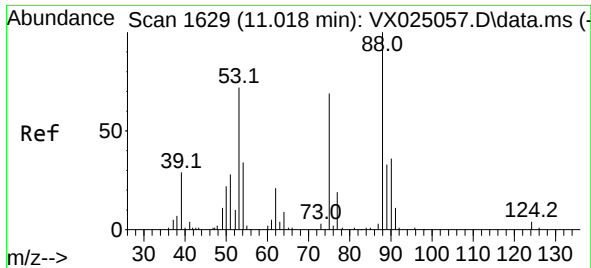


#76
1,3,5-Trimethylbenzene
Concen: 2.052 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47



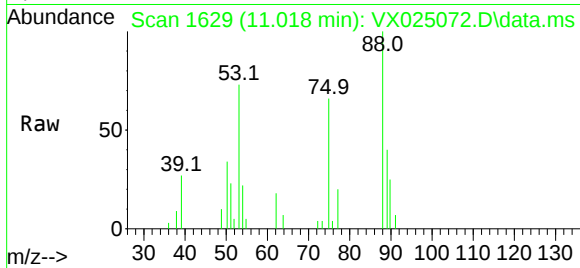
Tgt Ion:105 Resp: 11924
Ion Ratio Lower Upper
105 100
120 41.9 0.0 98.0





#77
t-1,4-Dichloro-2-butene
Concen: 1.825 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

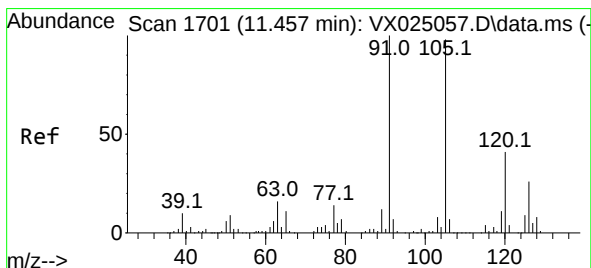
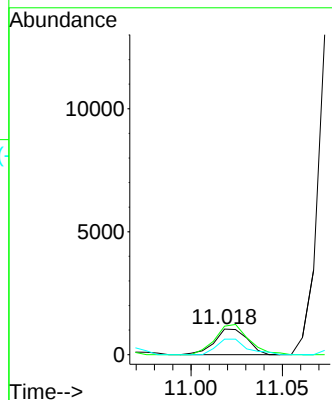
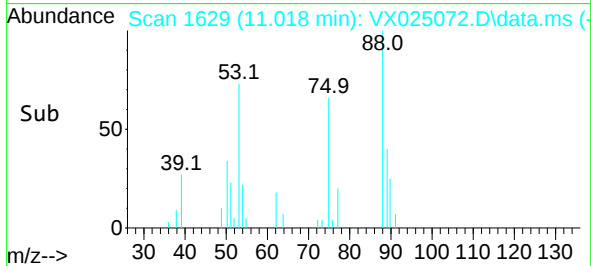
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



Tgt Ion: 75 Resp: 1309
Ion Ratio Lower Upper
75 100
53 110.9 53.9 161.7
89 60.4 22.9 68.7

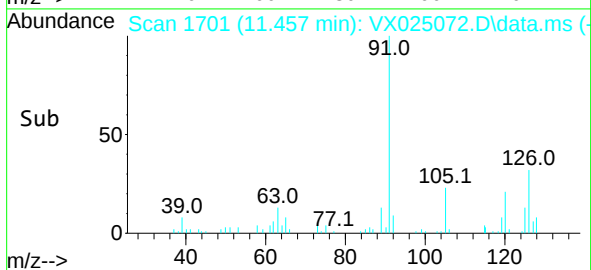
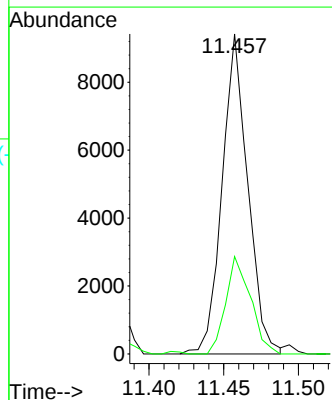
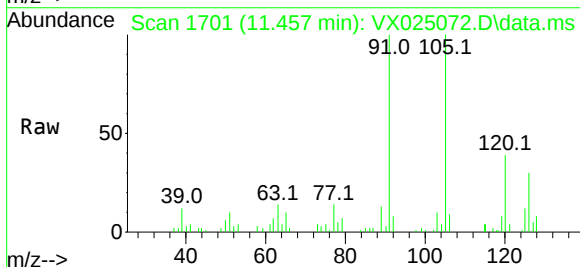
Manual Integrations
APPROVED

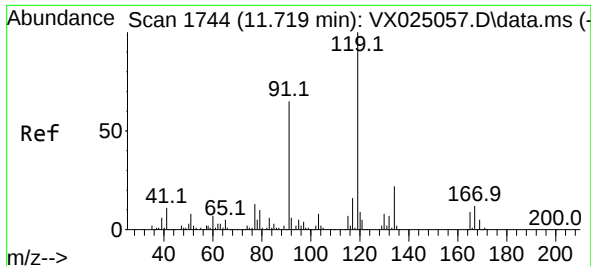
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#78
4-Chlorotoluene
Concen: 1.986 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

Tgt Ion: 91 Resp: 11227
Ion Ratio Lower Upper
91 100
126 29.5 0.0 59.6





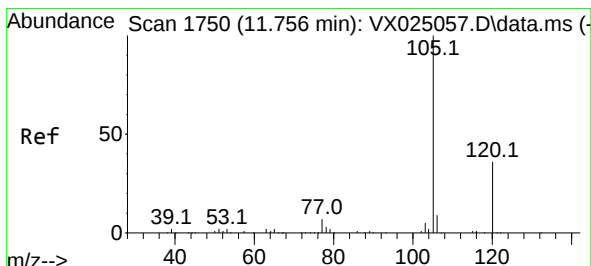
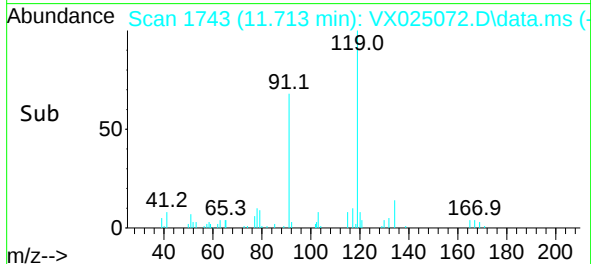
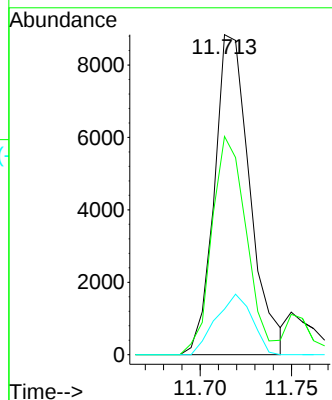
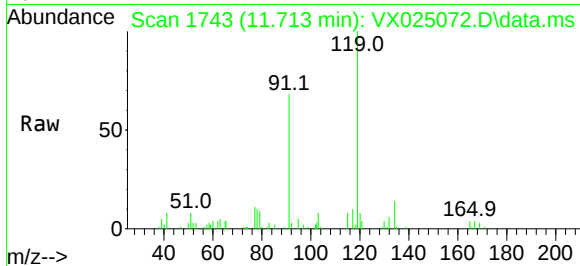
#79
tert-butylbenzene
Concen: 2.187 ug/l
RT: 11.713 min Scan# 11970
Delta R.T. -0.006 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2021

Tgt Ion	Ratio	Lower	Upper
119	100		
91	65.6	0.0	121.2
134	19.3	0.0	47.4

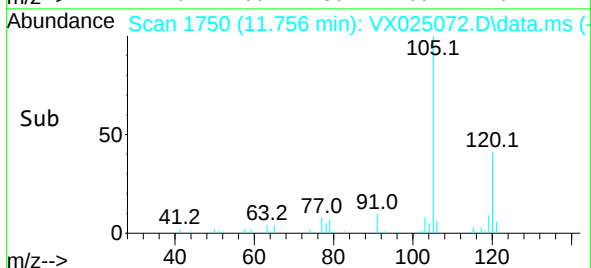
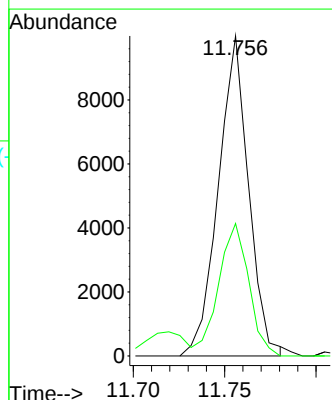
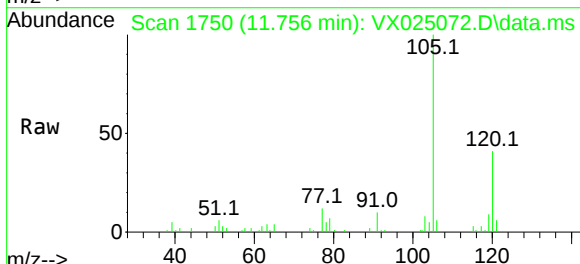
Manual Integrations
APPROVED

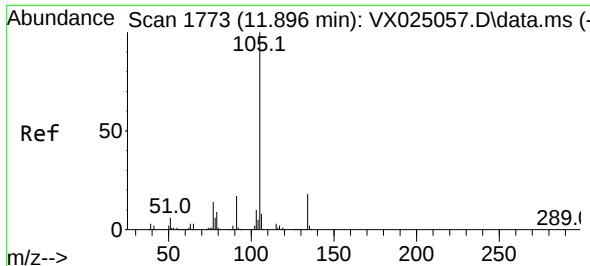
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#80
1,2,4-Trimethylbenzene
Concen: 2.011 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

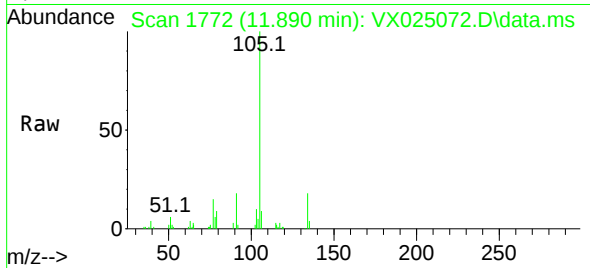
Tgt Ion	Ratio	Lower	Upper
105	100		
120	41.4	0.0	90.4





#81
 sec-Butylbenzene
 Concen: 2.070 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.006 min
 Lab File: VX025072.D
 Acq: 04 Nov 2021 14:47

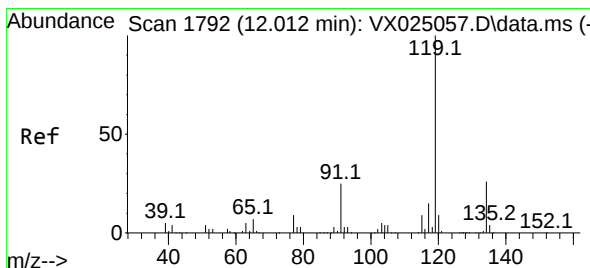
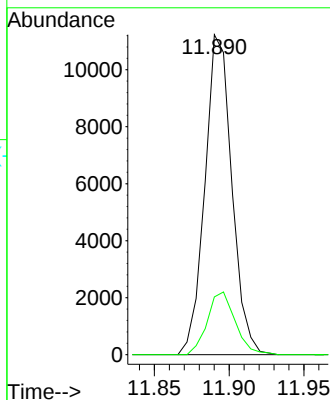
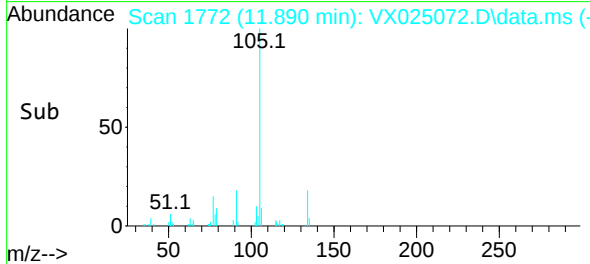
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2021



Tgt Ion:105 Resp: 1410
 Ion Ratio Lower Upper
 105 100
 134 20.3 0.0 40.2

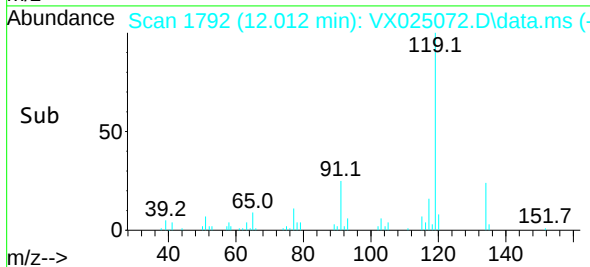
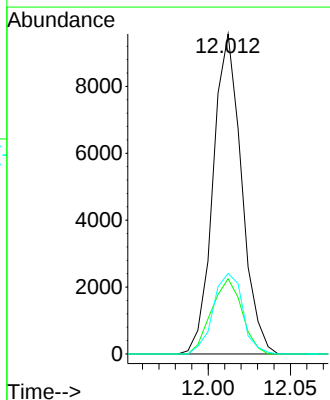
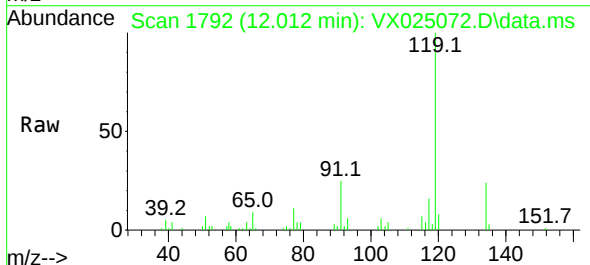
Manual Integrations
 APPROVED

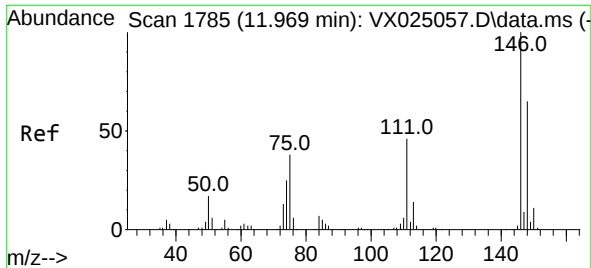
Reviewed By :John Carlone 11/08/2021
 Supervised By :Mahesh Dadoda 11/10/2021



#82
 p-Isopropyltoluene
 Concen: 2.038 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX025072.D
 Acq: 04 Nov 2021 14:47

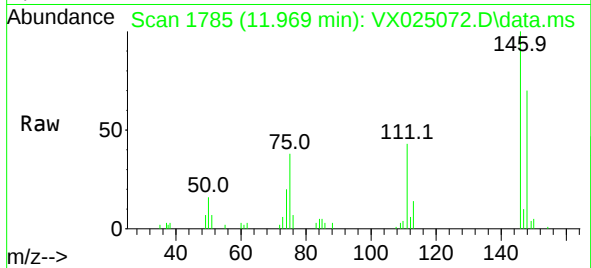
Tgt Ion:119 Resp: 11514
 Ion Ratio Lower Upper
 119 100
 134 25.1 0.0 52.8
 91 26.1 0.0 48.6





#83
1,3-Dichlorobenzene
Concen: 2.103 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

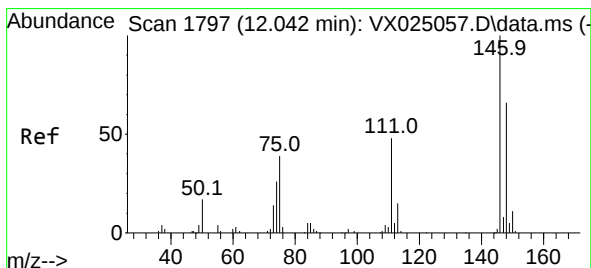
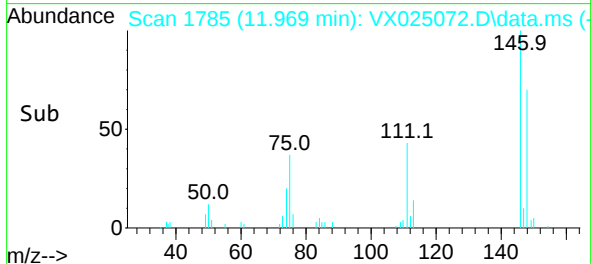
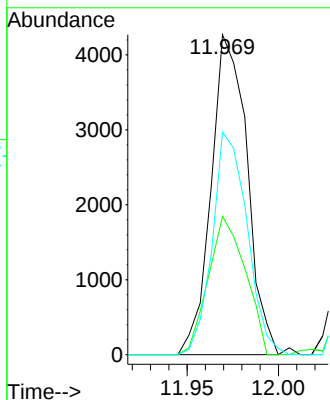
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



Tgt Ion:146 Resp: 5824
Ion Ratio Lower Upper
146 100
111 44.8 20.1 60.2
148 67.6 31.9 95.5

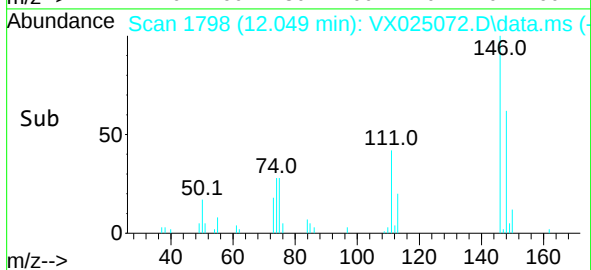
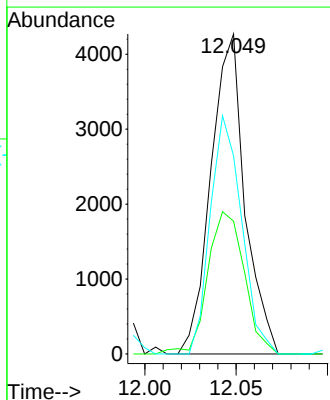
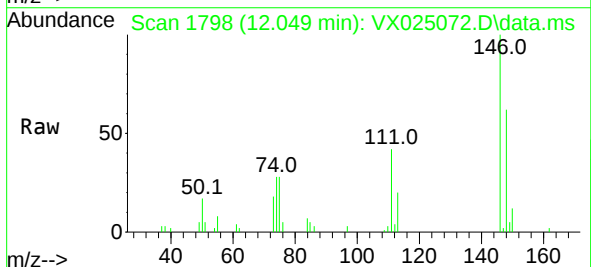
Manual Integrations
APPROVED

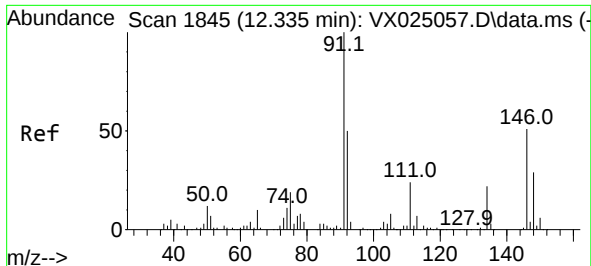
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#84
1,4-Dichlorobenzene
Concen: 2.006 ug/l
RT: 12.049 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

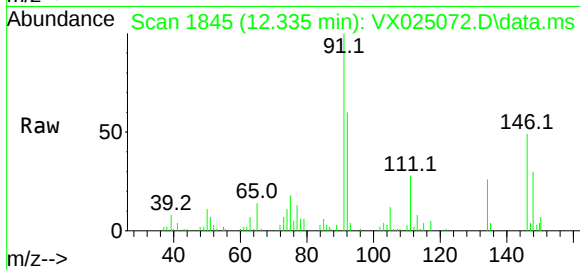
Tgt Ion:146 Resp: 5532
Ion Ratio Lower Upper
146 100
111 46.6 18.9 56.9
148 68.8 31.4 94.2





#85
n-Butylbenzene
Concen: 1.846 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

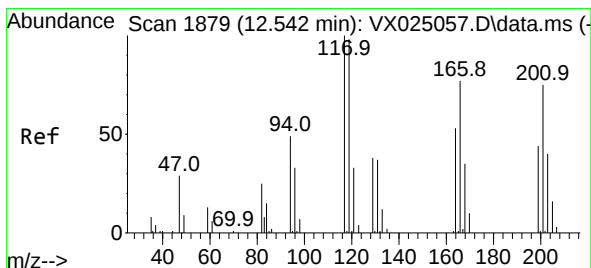
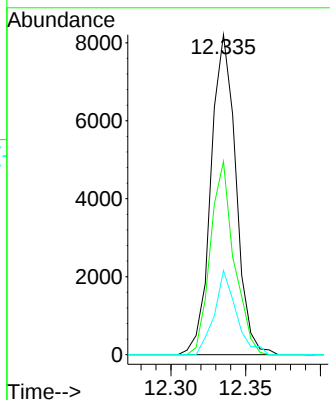
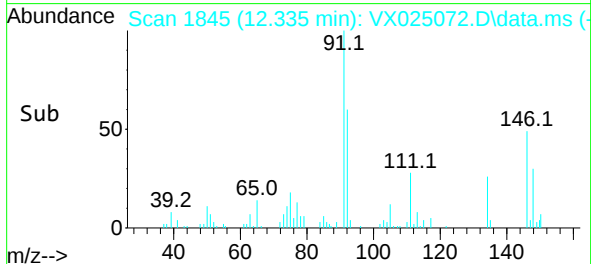
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



Tgt Ion: 91 Resp: 951
Ion Ratio Lower Upper
91 100
92 57.3 0.0 105.4
134 23.2 0.0 52.4

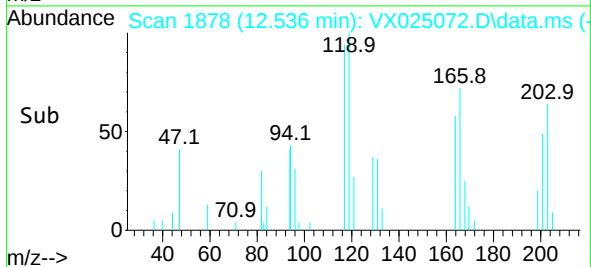
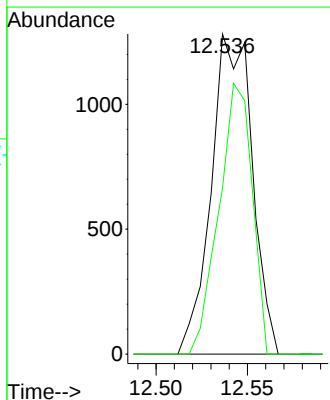
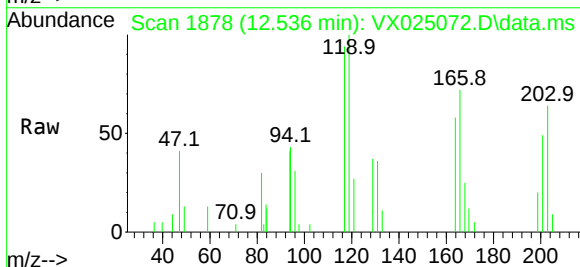
Manual Integrations
APPROVED

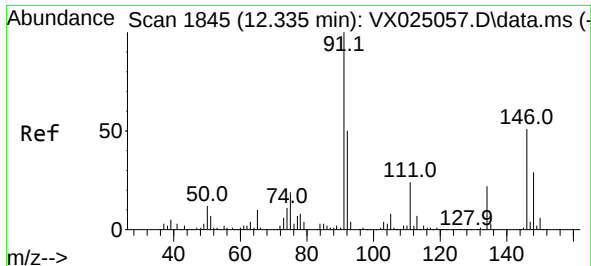
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#86
Hexachloroethane
Concen: 1.980 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

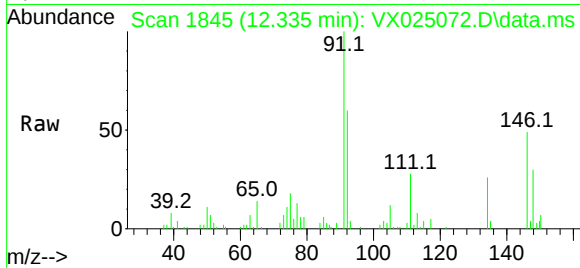
Tgt Ion:117 Resp: 1995
Ion Ratio Lower Upper
117 100
201 68.7 37.5 112.5





#87
1,2-Dichlorobenzene
Concen: 2.047 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

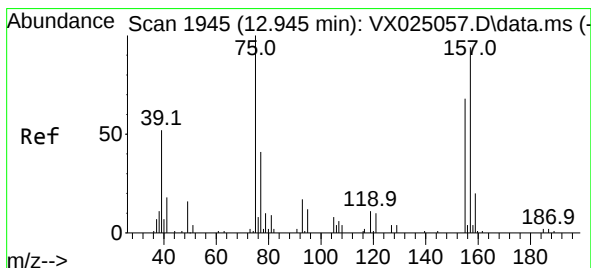
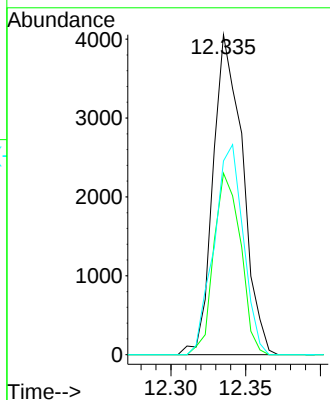
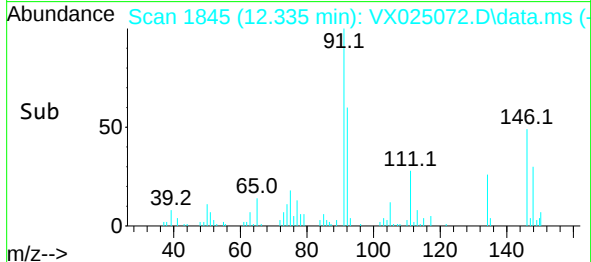
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2021



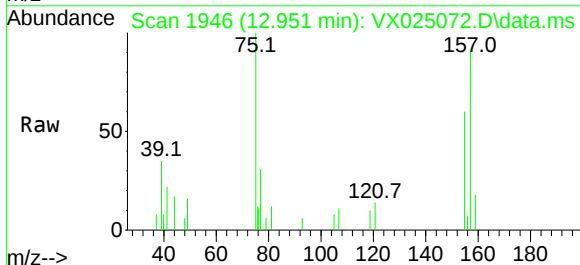
Tgt Ion:146 Resp: 558
Ion Ratio Lower Upper
146 100
111 51.4 20.7 62.1
148 64.9 32.6 97.8

Manual Integrations
APPROVED

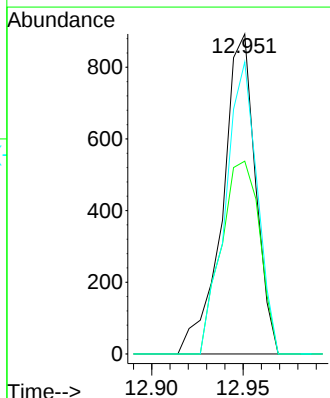
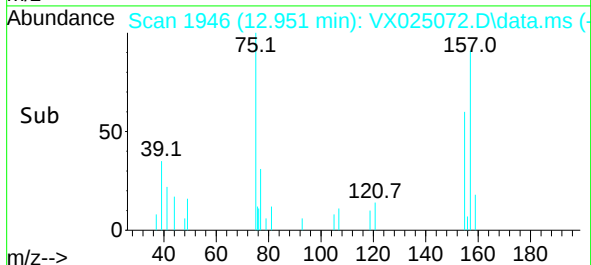
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

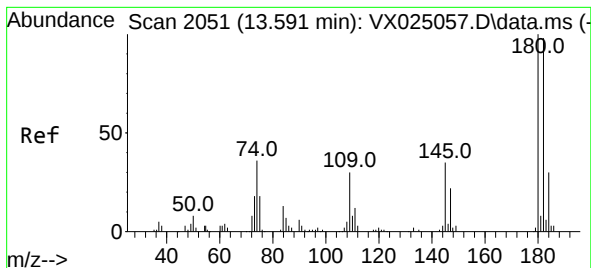


#88
1,2-Dibromo-3-Chloropropane
Concen: 1.863 ug/l
RT: 12.951 min Scan# 1946
Delta R.T. 0.006 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47



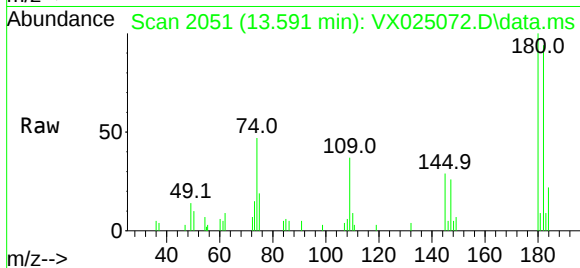
Tgt Ion: 75 Resp: 1121
Ion Ratio Lower Upper
75 100
155 70.3 67.4 101.2
157 87.7 85.8 128.8





#89
1,2,4-Trichlorobenzene
Concen: 1.624 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

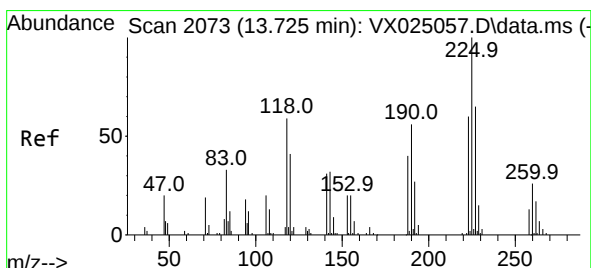
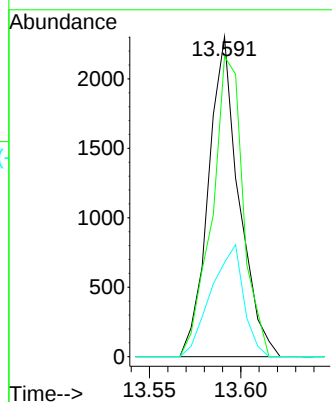
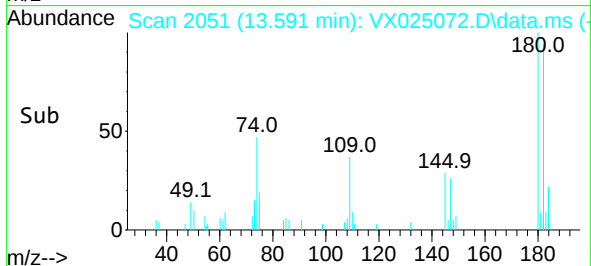
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



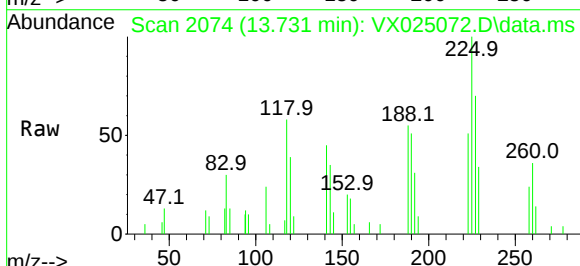
Tgt Ion:180 Resp: 268
Ion Ratio Lower Upper
180 100
182 95.4 75.9 113.9
145 37.1 24.2 36.4

Manual Integrations
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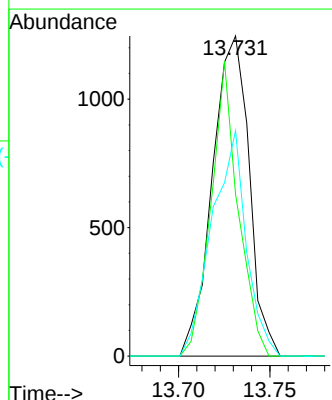
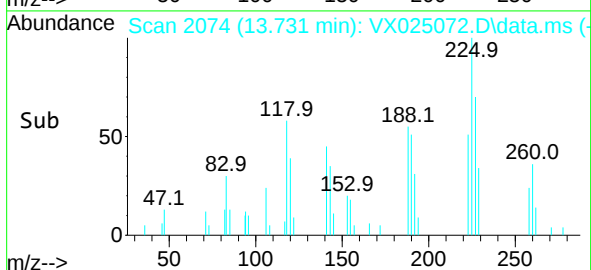
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

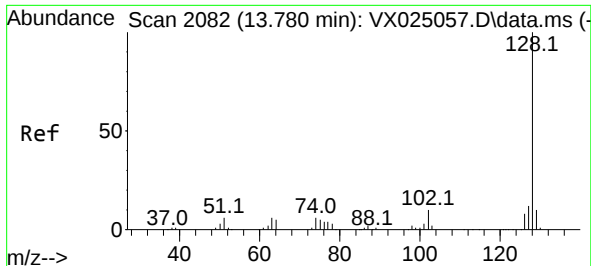


#90
Hexachlorobutadiene
Concen: 2.085 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47



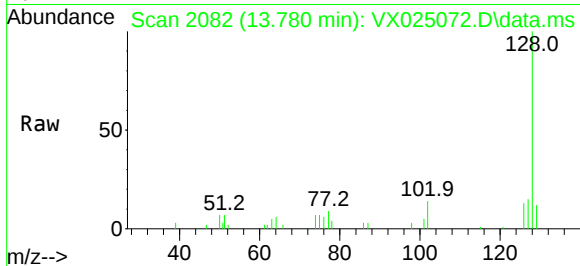
Tgt Ion:225 Resp: 1740
Ion Ratio Lower Upper
225 100
223 68.3 0.0 126.4
227 66.1 0.0 125.0





#91
Naphthalene
Concen: 1.087 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47

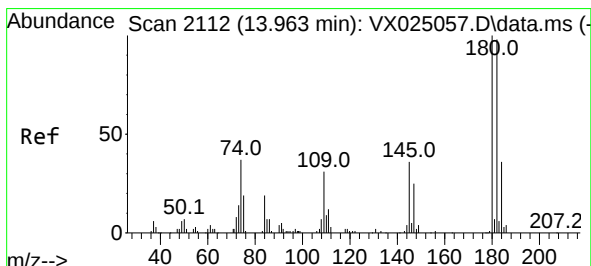
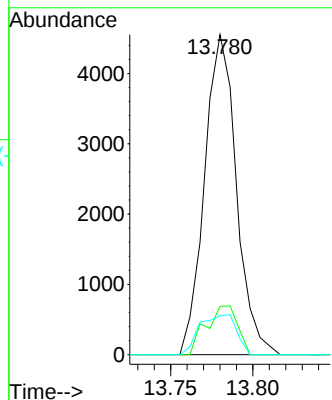
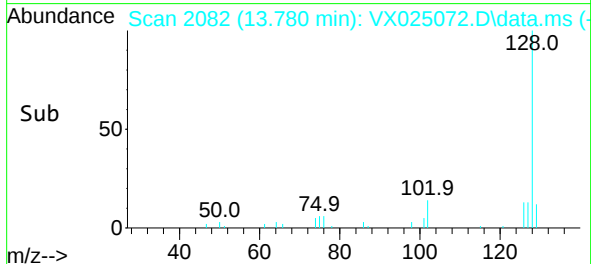
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



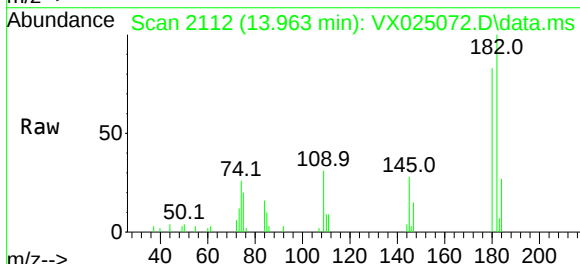
Tgt Ion:128 Resp: 6134
Ion Ratio Lower Upper
128 100
127 15.1 10.1 15.1
129 14.4 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#92
1,2,3-Trichlorobenzene
Concen: 1.615 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX025072.D
Acq: 04 Nov 2021 14:47



Tgt Ion:180 Resp: 2720
Ion Ratio Lower Upper
180 100
182 86.3 0.0 193.4
145 41.2 0.0 64.4

