

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110421\
 Data File : VX025065.D
 Acq On : 03 Nov 2021 22:27
 Operator : JC/MD
 Sample : M4068-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2021

Quant Time: Nov 03 23:58:15 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 11/04/2021
 Supervised By : Mahesh Dadoda 11/10/2021

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

Internal Standards						
1) Bromochloromethane	4.904	128	21852	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	118759	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	105921	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	62049	29.752	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.167%		
60) 4-Bromofluorobenzene	11.085	95	55812	28.879	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	96.267%		
63) Toluene-d8	8.653	98	148917	30.440	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.467%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	5977	3.572	ug/l	98
3) Chloromethane	1.288	50	3420	3.890	ug/l	98
4) Vinyl Chloride	1.374	62	3805	3.774	ug/l #	71
5) Bromomethane	1.612	94	3651	4.411	ug/l	92
6) Chloroethane	1.691	64	2443	4.298	ug/l #	87
7) Trichlorofluoromethane	1.892	101	10309	4.237	ug/l	93
8) Diethyl Ether	2.136	74	2592	4.495	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.325	101	5442	4.288	ug/l	98
10) 1,1-Dichloroethene	2.325	96	4828	4.486	ug/l	93
11) Methyl Iodide	2.453	142	4631	6.849	ug/l	92
12) Methyl Acetate	2.703	43	9729	4.302	ug/l	94
13) Acrolein	2.246	56	3318	32.215	ug/l	99
14) Acrylonitrile	3.075	53	12844	20.166	ug/l	94
15) Acetone	2.386	58	3603	18.515	ug/l	97
16) Carbon Disulfide	2.520	76	10434	3.798	ug/l #	91
17) Allyl chloride	2.666	41	7407	4.314	ug/l	94
18) Methylene Chloride	2.794	84	5455	4.330	ug/l	95
19) trans-1,2-Dichloroethene	3.099	96	5376	4.544	ug/l	94
20) Diisopropyl ether	3.764	45	16415	4.420	ug/l	91
21) 1,1-Dichloroethane	3.617	63	10561	4.285	ug/l #	87
22) cis-1,2-Dichloroethene	4.501	96	6555	4.669	ug/l #	62
23) tert-Butyl Alcohol	2.977	59	8729m	22.537	ug/l	
24) Methyl tert-Butyl Ether	3.117	73	19403	4.265	ug/l	92
25) Chloroform	5.093	83	12261m	4.290	ug/l	
26) Cyclohexane	5.483	56	8834	4.493	ug/l #	97
29) 1,1-Dichloropropene	5.702	75	8420	4.409	ug/l	87
30) 2-Butanone	4.574	43	19415	20.158	ug/l #	58
31) 2,2-Dichloropropane	4.477	77	9505	3.918	ug/l #	76
32) 1,1,1-Trichloroethane	5.385	97	6838	2.489	ug/l #	67
33) Carbon Tetrachloride	5.690	117	10113	4.195	ug/l	95
34) Benzene	6.044	78	21115	4.335	ug/l	93
35) Methacrylonitrile	4.922	41	4133m	4.351	ug/l	
36) 1,2-Dichloroethane	6.099	62	9817	4.160	ug/l #	93
37) Trichloroethene	7.135	130	6308	4.634	ug/l	88
38) Methylcyclohexane	7.391	83	8342	4.068	ug/l	95
39) 1,2-Dichloropropane	7.440	63	5555	4.179	ug/l #	81
40) Dibromomethane	7.586	93	4497	4.343	ug/l	88
41) Bromodichloromethane	7.824	83	8915	4.055	ug/l #	94
42) Vinyl Acetate	3.727	43	59332	20.589	ug/l	98

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Instrument :
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 ClientSampleId :
 LOQ-WATER-02-QT4-2021

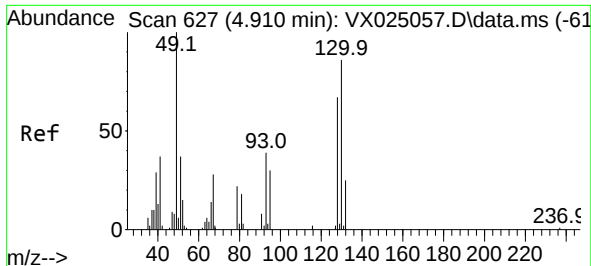
Quant Time: Nov 03 23:58:15 2021
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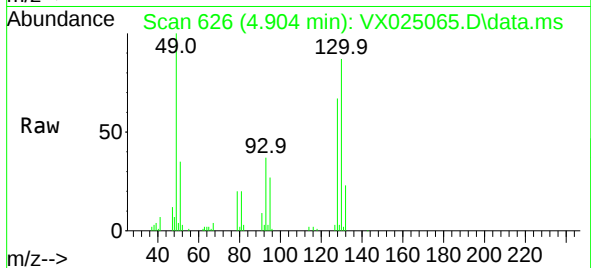
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	8133m	4.405	ug/l	
44) Isopropyl Acetate	6.342	43	12650	4.381	ug/l	97
45) 1,4-Dioxane	7.690	88	2758m	89.942	ug/l	
46) Methyl methacrylate	7.696	41	5770	4.087	ug/l	75
47) n-amyl Acetate	10.848	43	8705	3.738	ug/l	97
48) t-1,3-Dichloropropene	8.976	75	9241	3.902	ug/l	100
49) cis-1,3-Dichloropropene	8.373	75	9433	3.990	ug/l #	78
50) 1,1,2-Trichloroethane	9.153	97	5587	3.985	ug/l	94
51) Ethyl methacrylate	9.122	69	8832	3.908	ug/l	82
52) 1,3-Dichloropropane	9.311	76	9933	4.146	ug/l	96
53) Dibromochloromethane	9.525	129	6295	3.933	ug/l	100
54) 1,2-Dibromoethane	9.610	107	6770	4.323	ug/l	91
55) 2-Chloroethyl vinyl ether	8.245	63	25920	25.775	ug/l	98
56) Bromoform	10.799	173	3968	3.734	ug/l	96
58) 4-Methyl-2-Pentanone	8.580	43	37877	21.213	ug/l	91
59) 2-Hexanone	9.433	43	28972	21.117	ug/l	92
61) Tetrachloroethene	9.275	164	6020	4.850	ug/l	94
62) Toluene	8.720	91	23270	4.295	ug/l	98
64) Chlorobenzene	10.080	112	14237	4.350	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.171	131	5757	3.938	ug/l	96
66) Ethyl Benzene	10.195	91	27147	4.237	ug/l	94
67) m/p-Xylenes	10.305	106	18626	8.455	ug/l	85
68) o-Xylene	10.647	106	9564	4.446	ug/l	86
69) Styrene	10.659	104	14267	3.904	ug/l #	89
70) Isopropylbenzene	10.964	105	25955	4.153	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	9010	4.367	ug/l	97
72) 1,2,3-Trichloropropane	11.238	75	8456m	4.232	ug/l	
73) Bromobenzene	11.201	156	6293	4.506	ug/l	90
74) n-propylbenzene	11.305	91	30318	4.090	ug/l	99
75) 2-Chlorotoluene	11.366	91	19149	4.122	ug/l	94
76) 1,3,5-Trimethylbenzene	11.457	105	21980	4.032	ug/l	92
77) t-1,4-Dichloro-2-butene	11.018	75	2237	3.325	ug/l	69
78) 4-Chlorotoluene	11.457	91	21820	4.116	ug/l	94
79) tert-butylbenzene	11.719	119	21837	4.252	ug/l	97
80) 1,2,4-Trimethylbenzene	11.756	105	22078	4.119	ug/l	90
81) sec-Butylbenzene	11.896	105	25879	4.050	ug/l	93
82) p-Isopropyltoluene	12.012	119	21174	3.995	ug/l	94
83) 1,3-Dichlorobenzene	11.969	146	10472	4.032	ug/l	98
84) 1,4-Dichlorobenzene	12.043	146	9386	3.629	ug/l	85
85) n-Butylbenzene	12.335	91	18159	3.757	ug/l	95
86) Hexachloroethane	12.543	117	3472	3.675	ug/l	89
87) 1,2-Dichlorobenzene	12.335	146	10219	3.996	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	12.945	75	2332	4.132	ug/l #	77
89) 1,2,4-Trichlorobenzene	13.591	180	5244	3.385	ug/l	96
90) Hexachlorobutadiene	13.725	225	2994	3.826	ug/l	85
91) Naphthalene	13.780	128	13953	2.636	ug/l #	97
92) 1,2,3-Trichlorobenzene	13.963	180	5162	3.267	ug/l	97

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

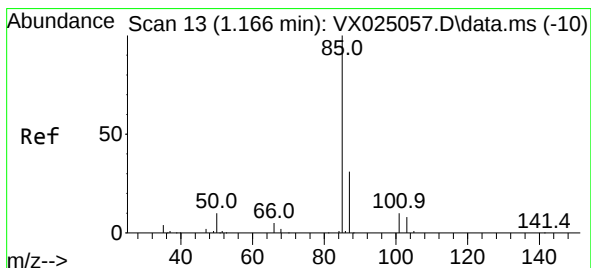
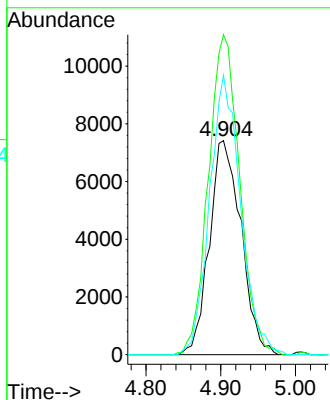
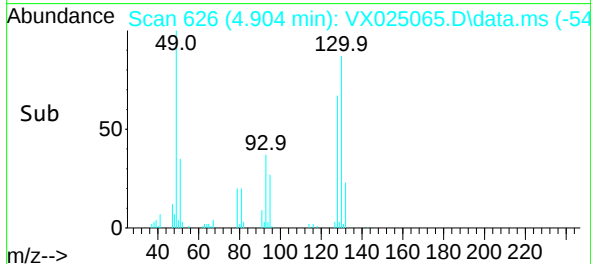
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:128 Resp: 2185
Ion Ratio Lower Upper
128 100
49 147.3 0.0 402.5
130 127.8 0.0 326.5

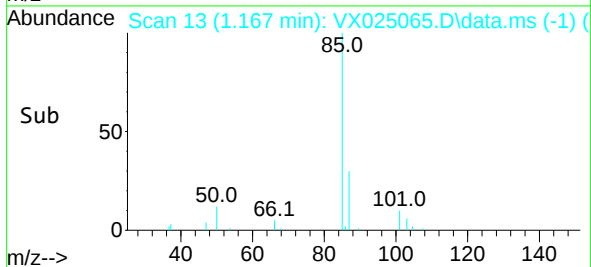
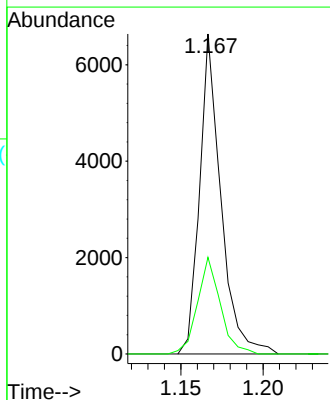
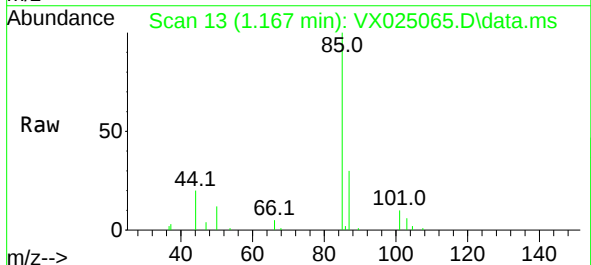
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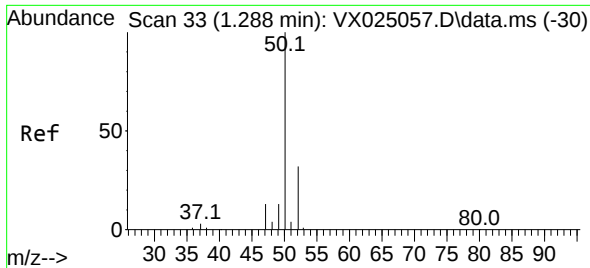
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#2
Dichlorodifluoromethane
Concen: 3.572 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

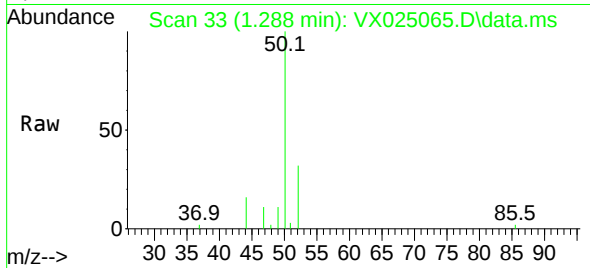
Tgt Ion: 85 Resp: 5977
Ion Ratio Lower Upper
85 100
87 30.2 15.6 46.8





#3
Chloromethane
Concen: 3.890 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

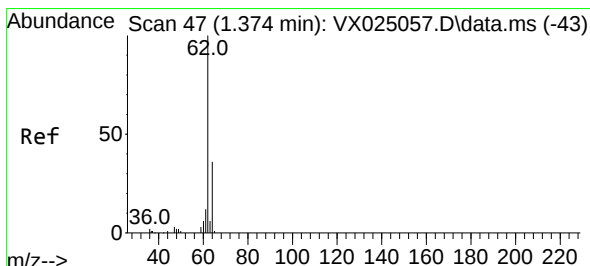
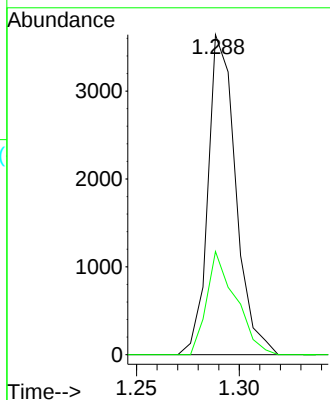
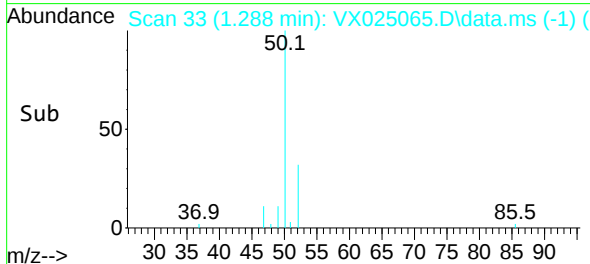
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2021



Tgt Ion: 50 Resp: 3420
Ion Ratio Lower Upper
50 100
52 32.3 26.9 40.3

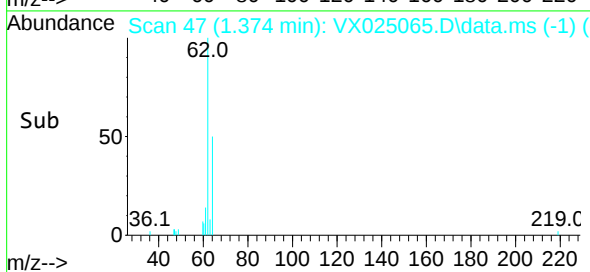
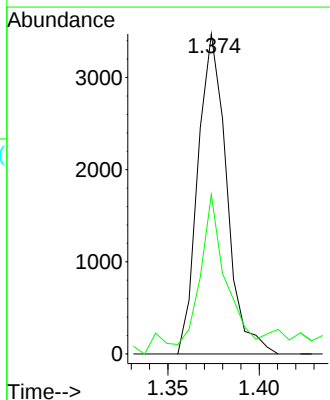
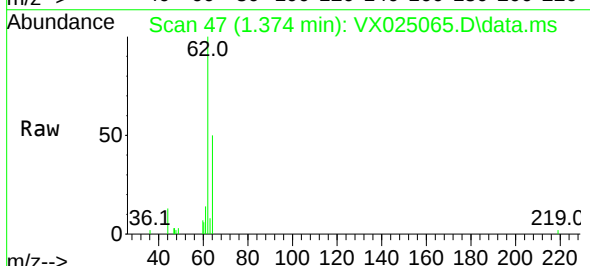
Manual Integrations
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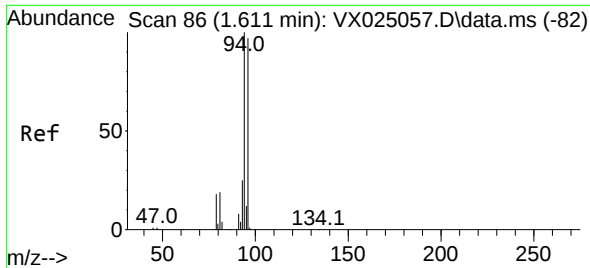
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#4
Vinyl Chloride
Concen: 3.774 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

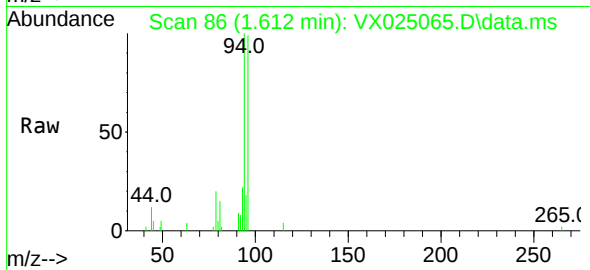
Tgt Ion: 62 Resp: 3805
Ion Ratio Lower Upper
62 100
64 46.9 25.0 37.4#





#5
Bromomethane
Concen: 4.411 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

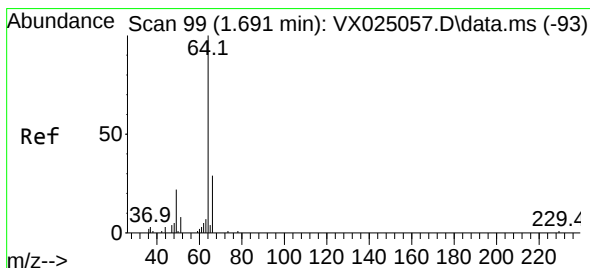
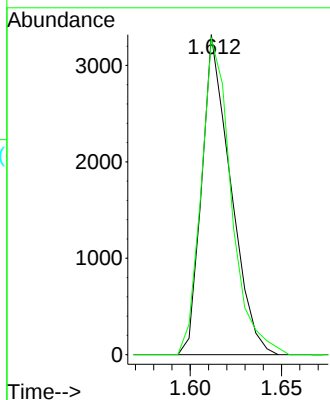
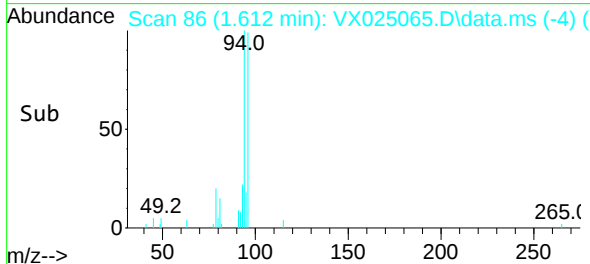
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2021



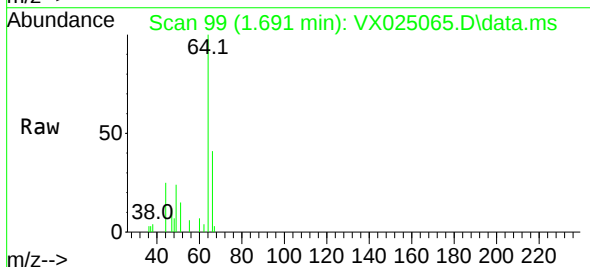
Tgt Ion: 94 Resp: 365
Ion Ratio Lower Upper
94 100
96 98.7 72.8 109.2

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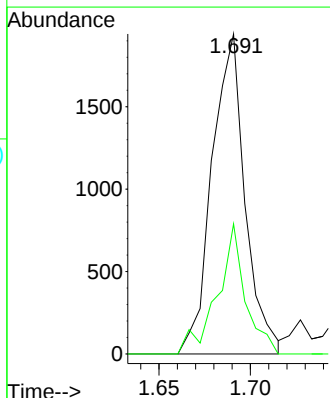
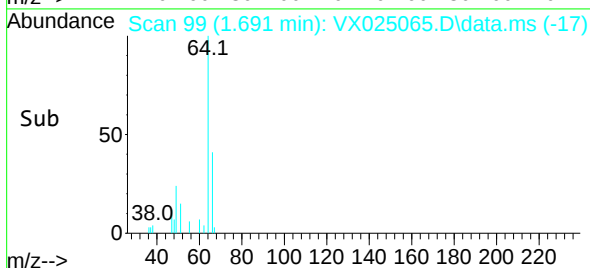
Reviewed By :John Carlone 11/04/2021
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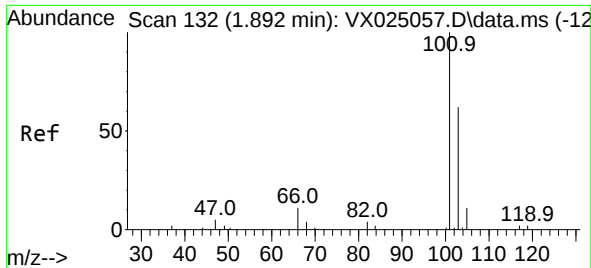


#6
Chloroethane
Concen: 4.298 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27



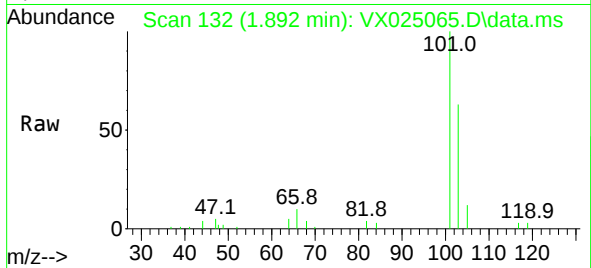
Tgt Ion: 64 Resp: 2443
Ion Ratio Lower Upper
64 100
66 40.7 26.8 40.2





#7
Trichlorofluoromethane
Concen: 4.237 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

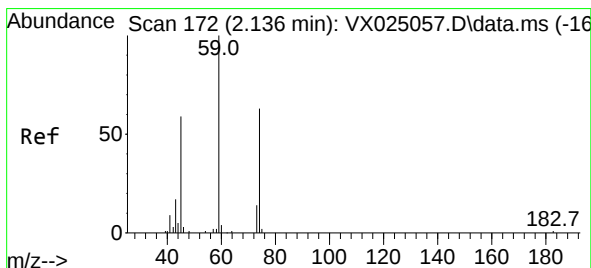
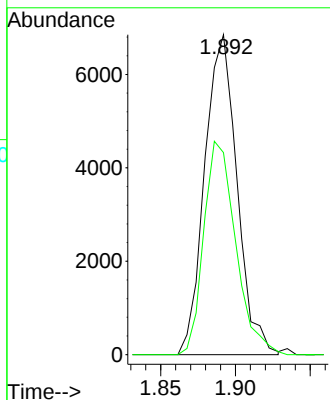
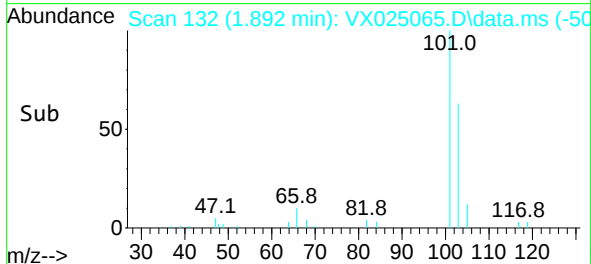
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2021



Tgt Ion:101 Resp: 10309
Ion Ratio Lower Upper
101 100
103 63.1 55.0 82.6

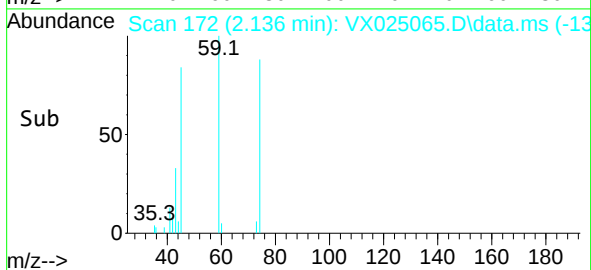
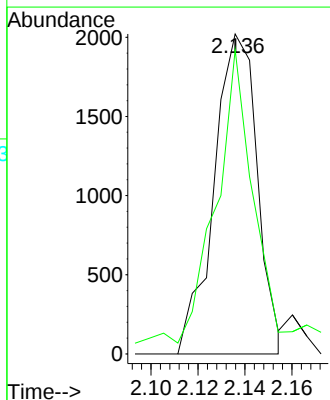
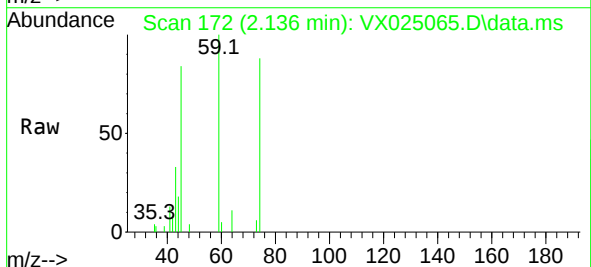
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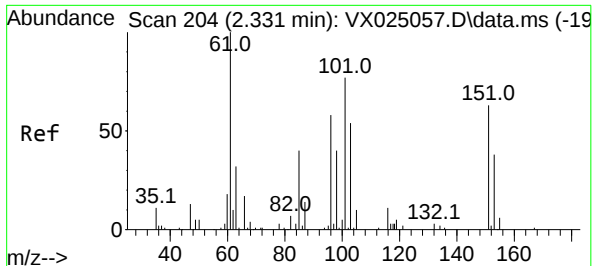
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#8
Diethyl Ether
Concen: 4.495 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

Tgt Ion: 74 Resp: 2592
Ion Ratio Lower Upper
74 100
45 82.8 19.9 179.1





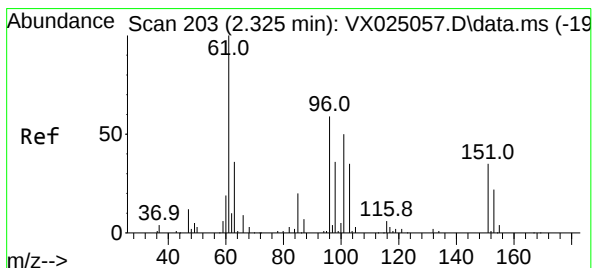
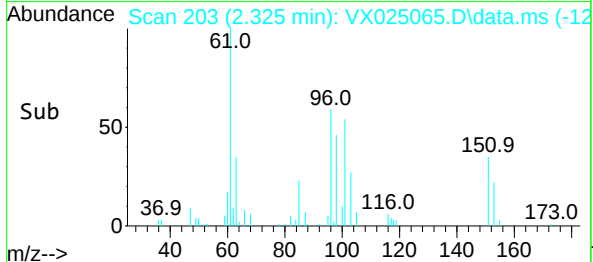
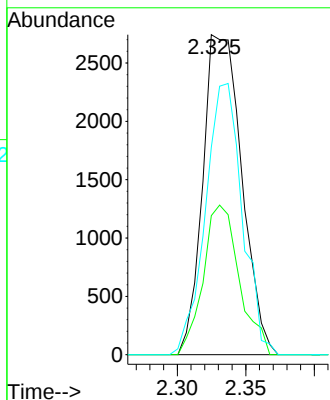
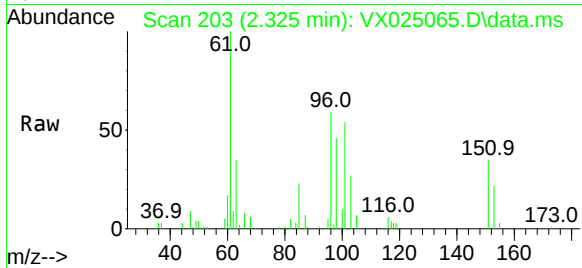
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.288 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2021

Tgt Ion: 101 Resp: 544
Ion Ratio Lower Upper
101 100
85 43.2 0.0 91.4
151 80.2 0.0 160.0

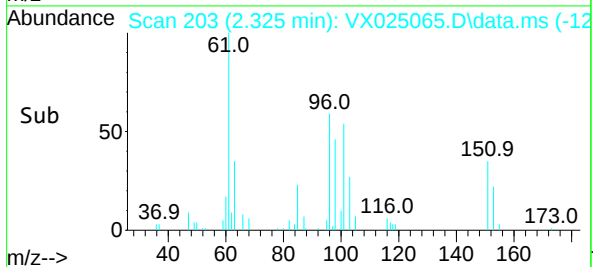
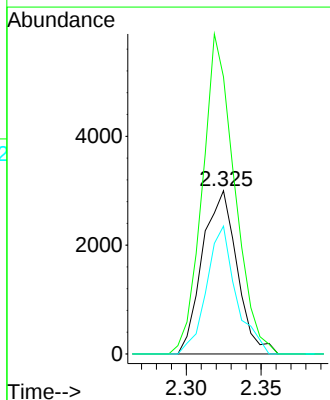
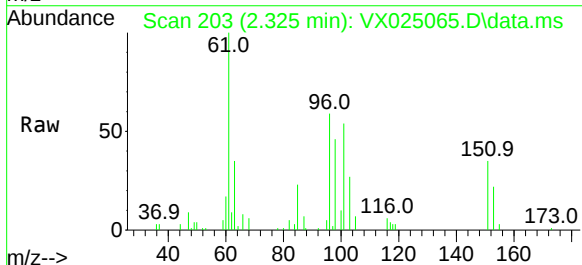
Manual Integrations
APPROVED

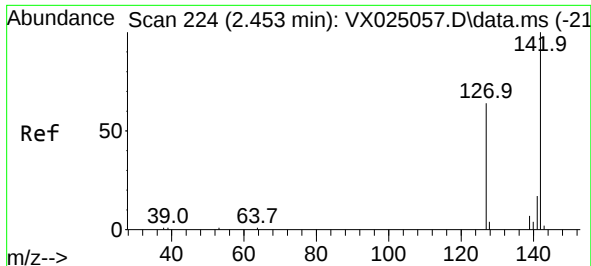
Reviewed By : John Carlone 11/04/2021
Supervised By : Mahesh Dadoda 11/10/2021



#10
1,1-Dichloroethene
Concen: 4.486 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

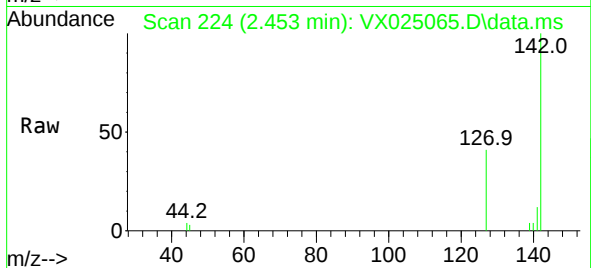
Tgt Ion: 96 Resp: 4828
Ion Ratio Lower Upper
96 100
61 169.8 140.3 210.5
98 78.3 52.8 79.2





#11
Methyl Iodide
Concen: 6.849 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

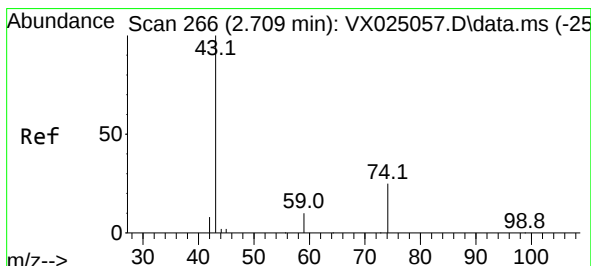
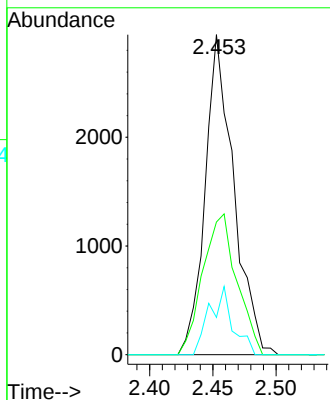
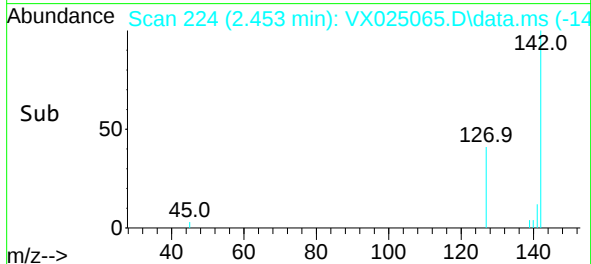
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2021



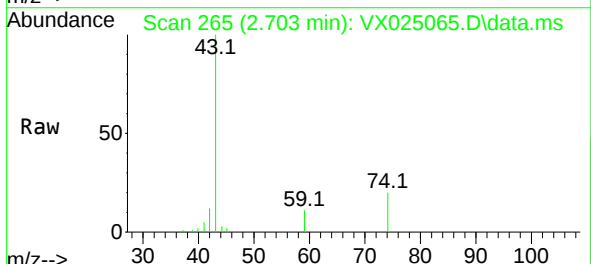
Tgt Ion:142 Resp: 463
Ion Ratio Lower Upper
142 100
127 41.5 23.6 71.0
141 11.7 7.1 21.3

Manual Integrations
APPROVED

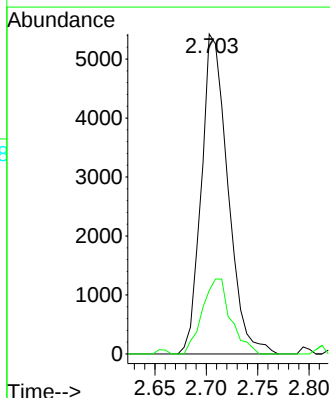
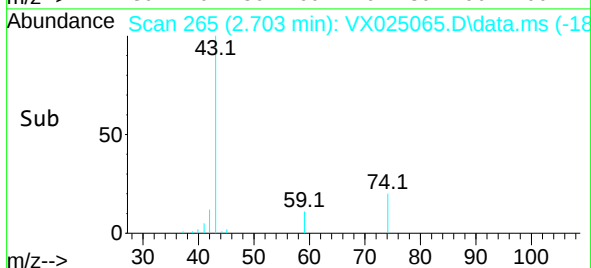
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

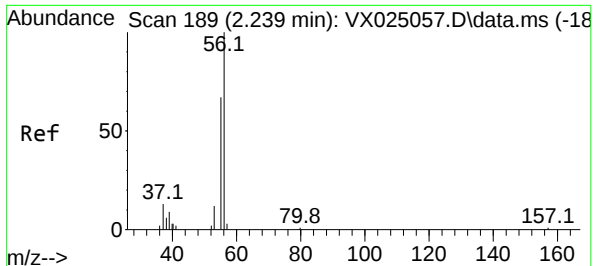


#12
Methyl Acetate
Concen: 4.302 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27



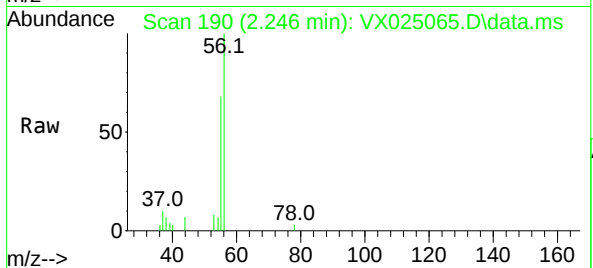
Tgt Ion: 43 Resp: 9729
Ion Ratio Lower Upper
43 100
74 19.9 18.2 27.2





#13
Acrolein
Concen: 32.215 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

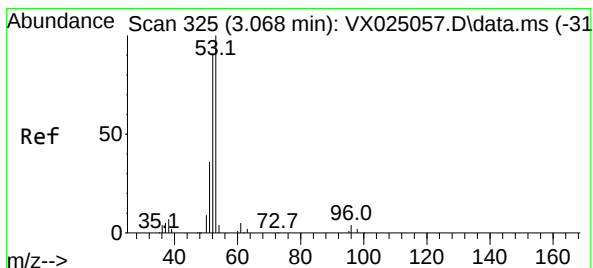
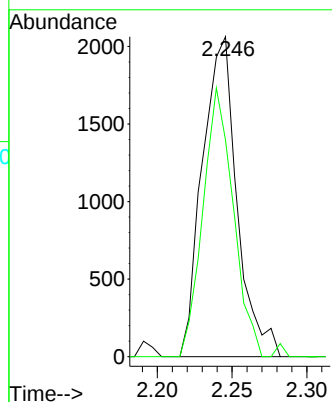
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 56 Resp: 3318
Ion Ratio Lower Upper
56 100
55 73.7 59.5 89.3

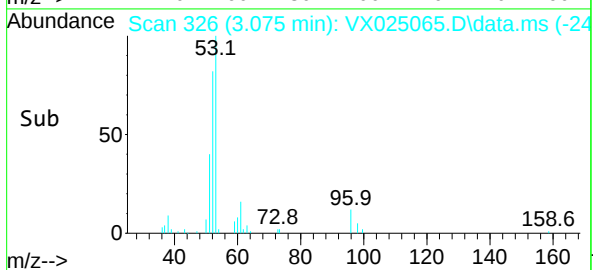
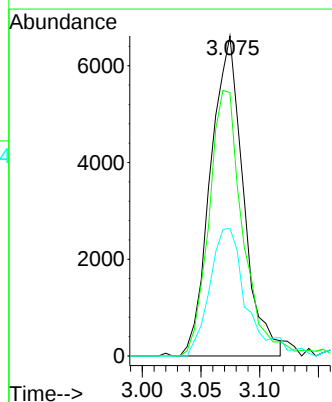
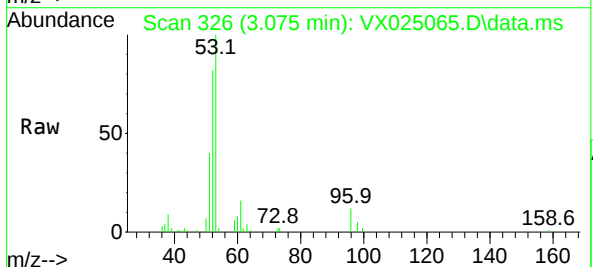
Manual Integrations
APPROVED

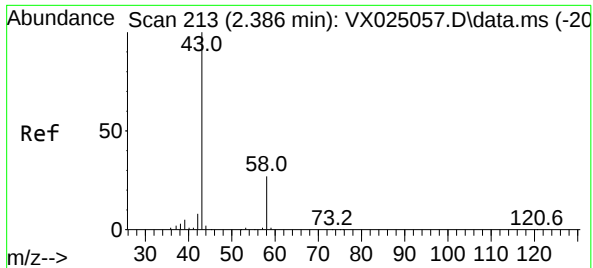
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#14
Acrylonitrile
Concen: 20.166 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.006 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

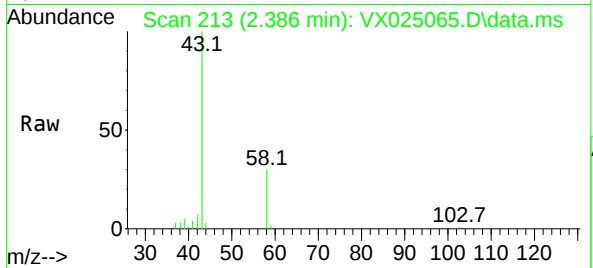
Tgt Ion: 53 Resp: 12844
Ion Ratio Lower Upper
53 100
52 84.9 40.4 121.2
51 41.5 18.1 54.1





#15
Acetone
Concen: 18.515 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

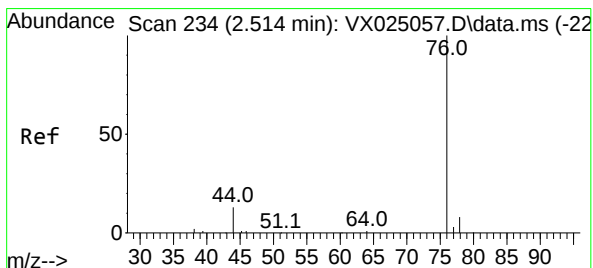
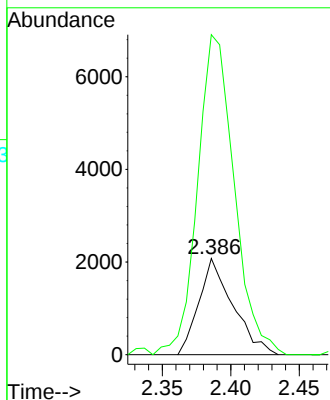
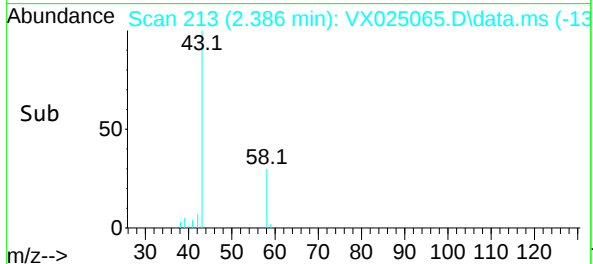
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2021



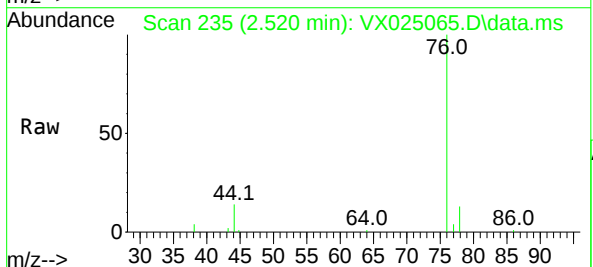
Tgt Ion: 58 Resp: 360
Ion Ratio Lower Upper
58 100
43 327.3 266.6 400.0

Manual Integrations
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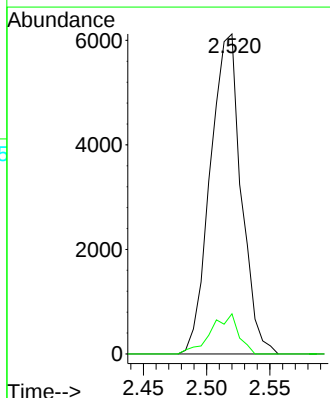
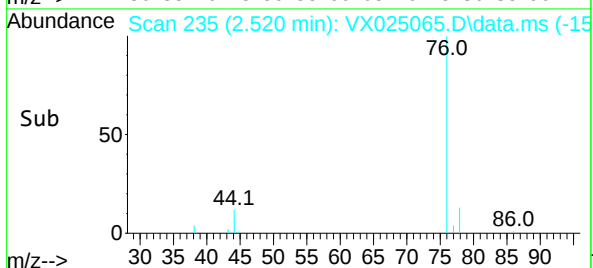
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

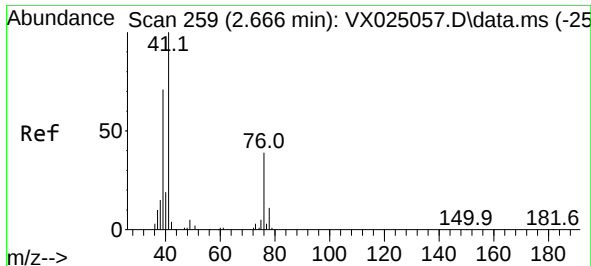


#16
Carbon Disulfide
Concen: 3.798 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27



Tgt Ion: 76 Resp: 10434
Ion Ratio Lower Upper
76 100
78 12.5 7.3 10.9#





#17

Allyl chloride

Concen: 4.314 ug/l

RT: 2.666 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX025065.D

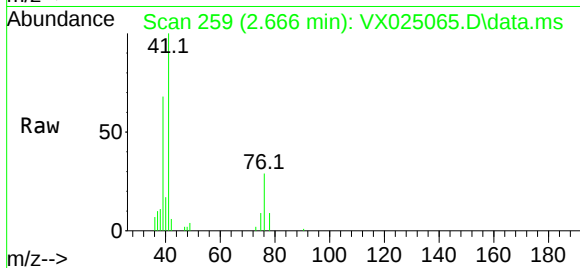
Acq: 03 Nov 2021 22:27

Instrument :

MSVOA_X

ClientSampleId :

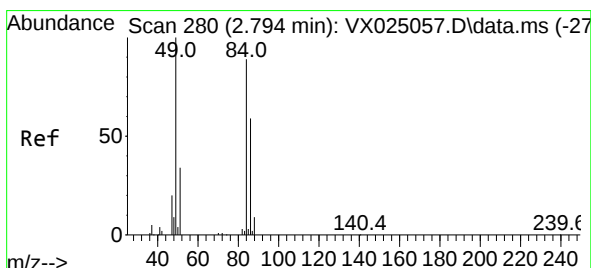
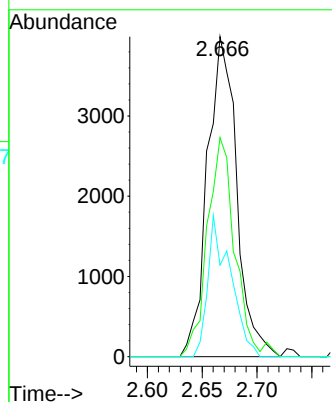
LOQ-WATER-02-QT4-2021



Tgt Ion: 41	Resp: 740
Ion Ratio	Lower Upper
41	100
39	68.4 36.4 109.3
76	28.6 16.6 49.7

Manual Integrations
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Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#18

Methylene Chloride

Concen: 4.330 ug/l

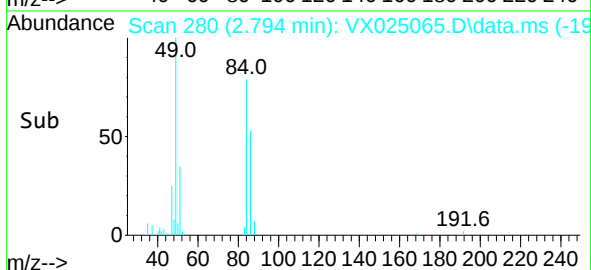
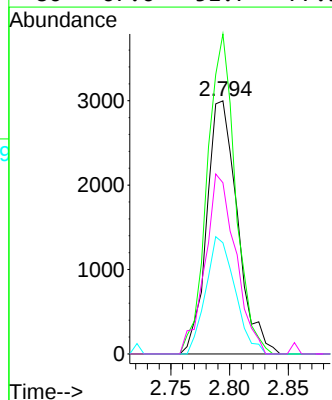
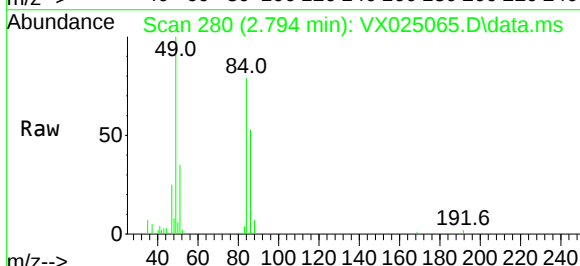
RT: 2.794 min Scan# 280

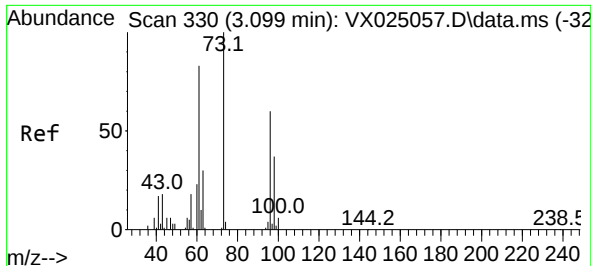
Delta R.T. 0.000 min

Lab File: VX025065.D

Acq: 03 Nov 2021 22:27

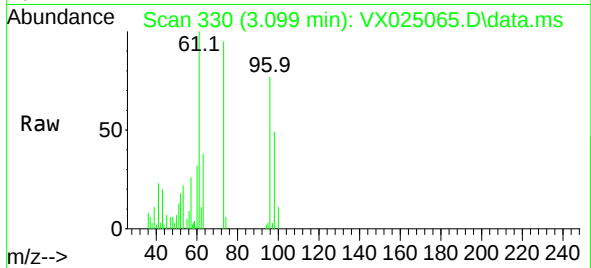
Tgt Ion: 84	Resp: 5455
Ion Ratio	Lower Upper
84	100
49	126.5 104.3 156.5
51	43.9 30.3 45.5
86	67.6 51.7 77.5





#19
trans-1,2-Dichloroethene
Concen: 4.544 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

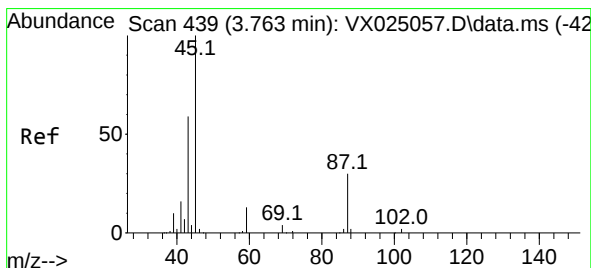
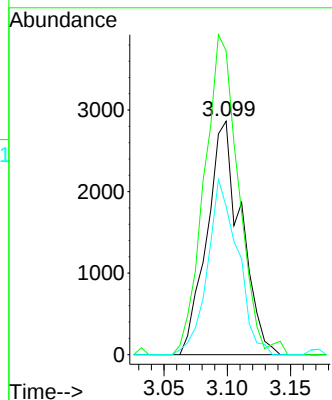
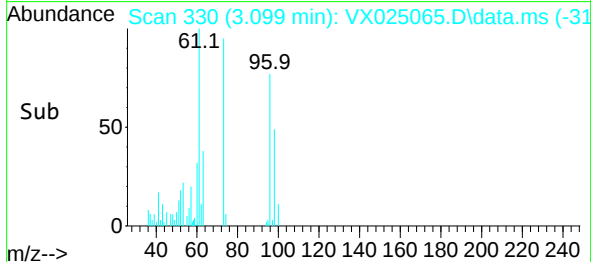
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2021



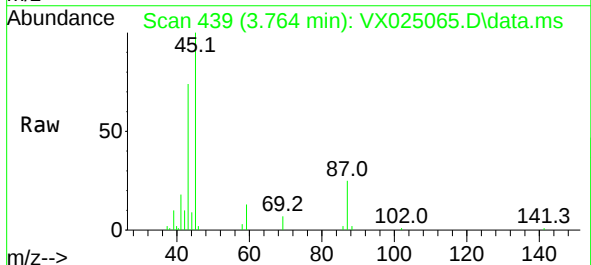
Tgt Ion: 96 Resp: 5370
Ion Ratio Lower Upper
96 100
61 126.3 109.2 163.8
98 63.6 50.8 76.2

Manual Integrations
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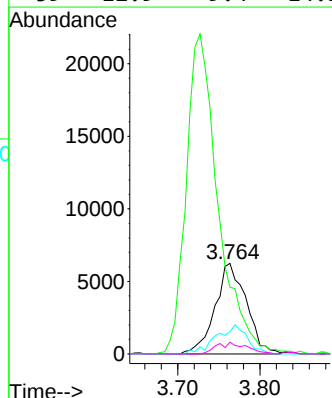
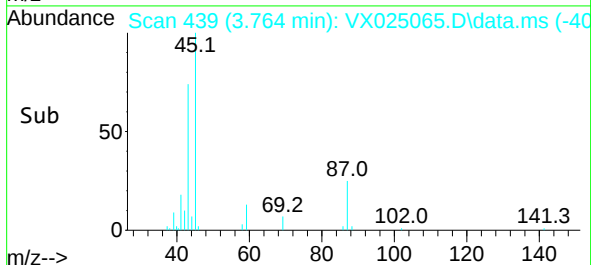
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

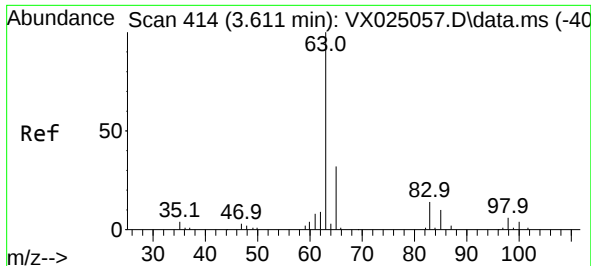


#20
Diisopropyl ether
Concen: 4.420 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27



Tgt Ion: 45 Resp: 16415
Ion Ratio Lower Upper
45 100
43 70.4 63.8 95.6
87 24.5 21.8 32.6
59 12.9 9.4 14.2





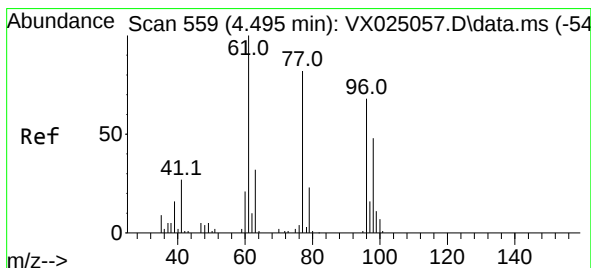
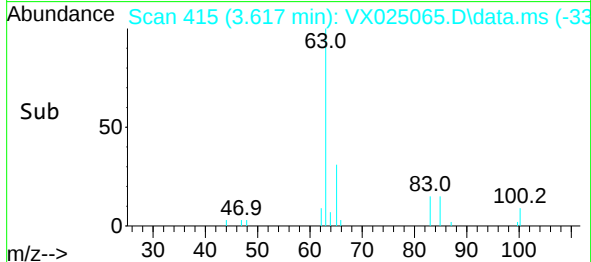
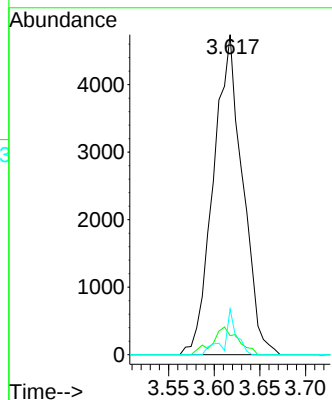
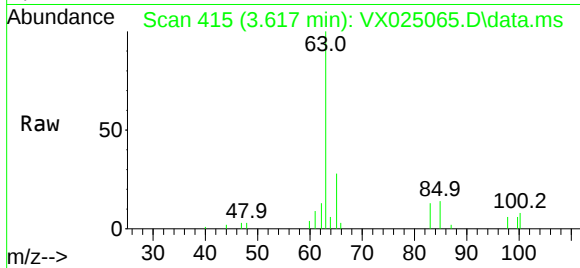
#21
1,1-Dichloroethane
Concen: 4.285 ug/l
RT: 3.617 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2021

Tgt Ion: 63 Resp: 1056
Ion Ratio Lower Upper
63 100
98 5.9 3.4 10.1
100 14.3 2.1 6.2

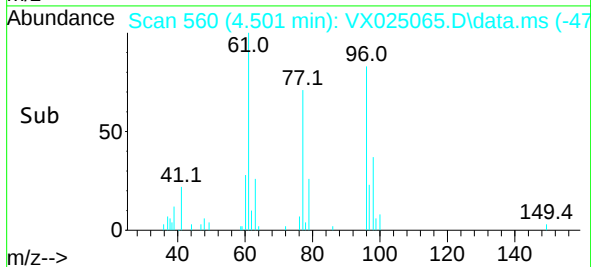
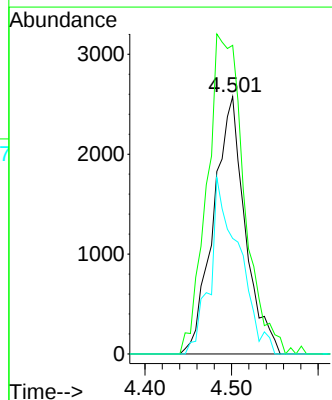
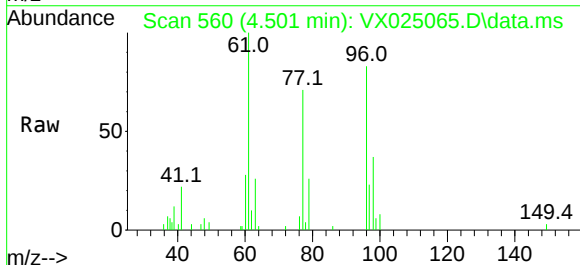
Manual Integrations
APPROVED

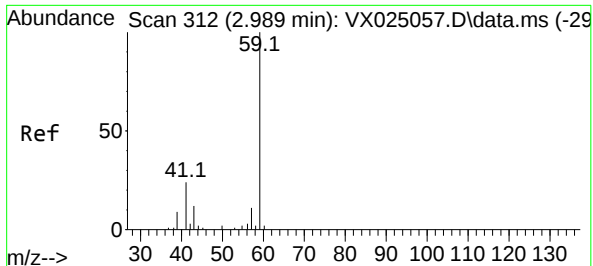
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#22
cis-1,2-Dichloroethene
Concen: 4.669 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

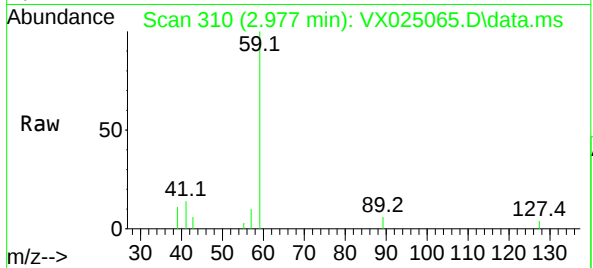
Tgt Ion: 96 Resp: 6555
Ion Ratio Lower Upper
96 100
61 85.5 114.5 171.7#
98 49.7 51.3 76.9#





#23
tert-Butyl Alcohol
Concen: 22.537 ug/l m
RT: 2.977 min Scan# 312
Delta R.T. -0.012 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

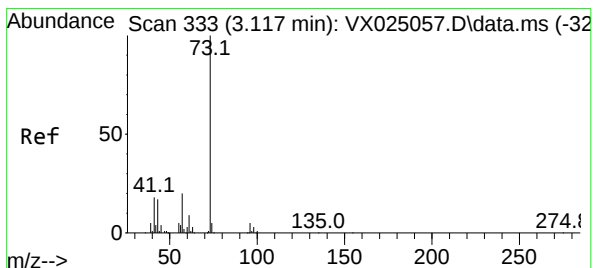
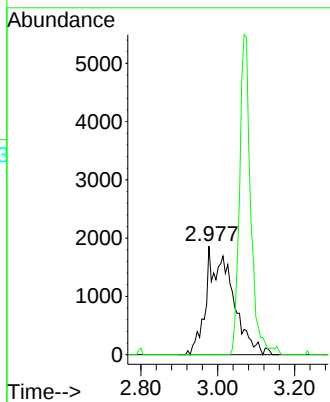
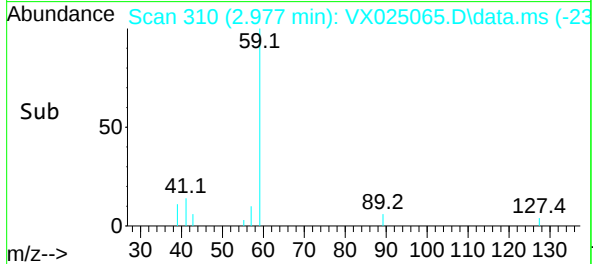
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 59 Resp: 8729
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

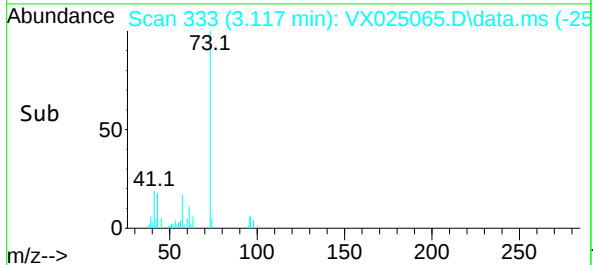
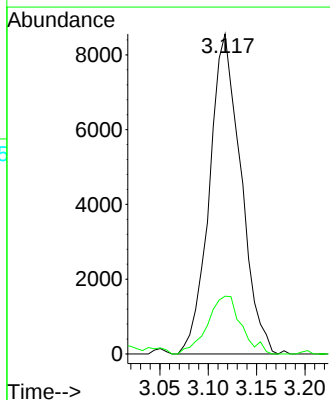
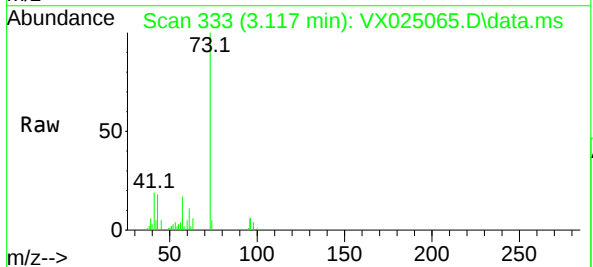
Manual Integrations
APPROVED

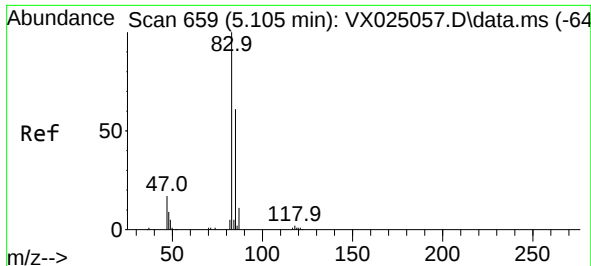
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#24
Methyl tert-Butyl Ether
Concen: 4.265 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

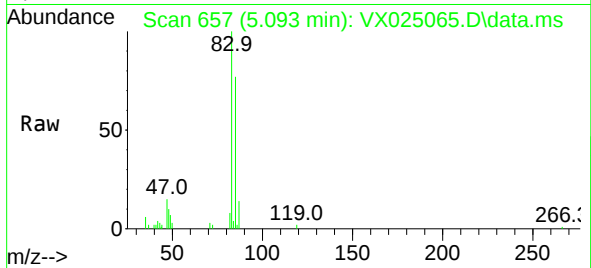
Tgt Ion: 73 Resp: 19403
Ion Ratio Lower Upper
73 100
43 18.5 17.9 26.9





#25
Chloroform
Concen: 4.290 ug/l m
RT: 5.093 min Scan# 612
Delta R.T. -0.012 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

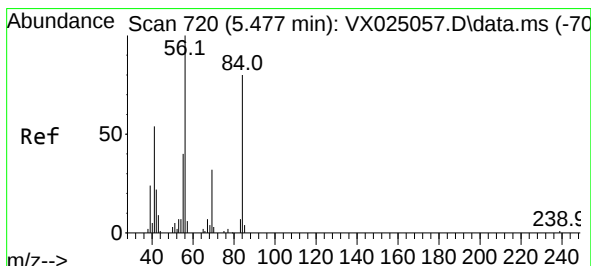
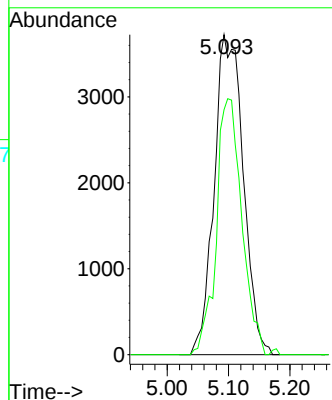
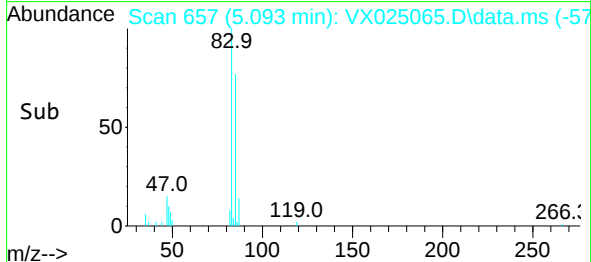
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 83 Resp: 1226
Ion Ratio Lower Upper
83 100
85 76.5 51.8 77.8

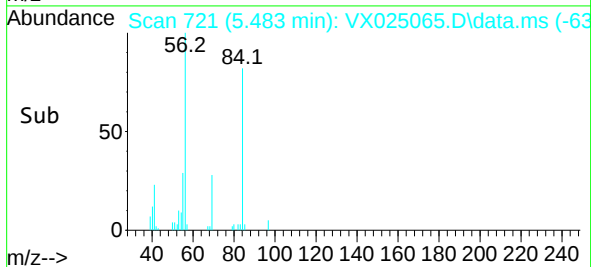
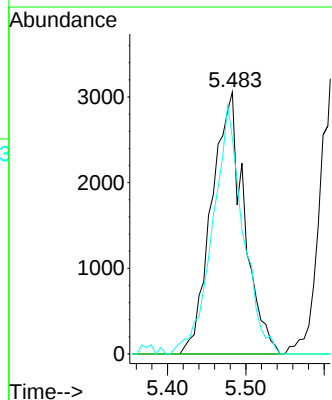
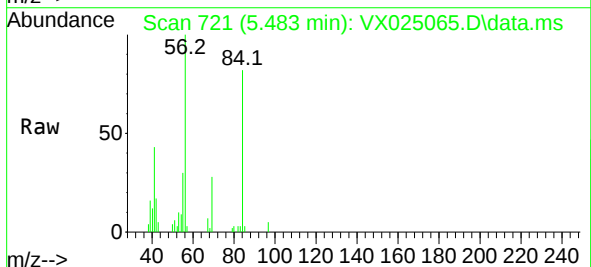
Manual Integrations
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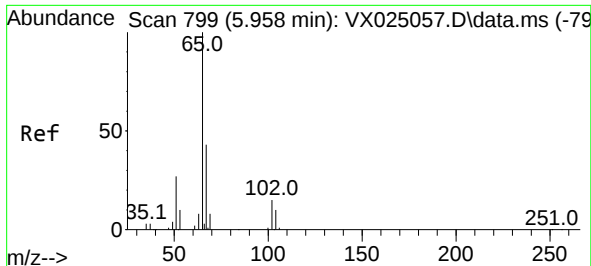
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#26
Cyclohexane
Concen: 4.493 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.006 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

Tgt Ion: 56 Resp: 8834
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 89.0 69.0 103.6





#27

1,2-Dichloroethane-d4

Concen: 29.752 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX025065.D

Acq: 03 Nov 2021 22:27

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2021

Tgt Ion: 65 Resp: 62049

Ion Ratio Lower Upper

65 100

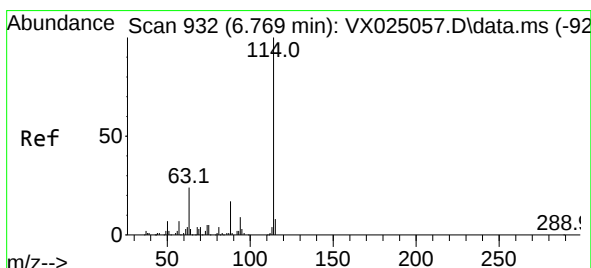
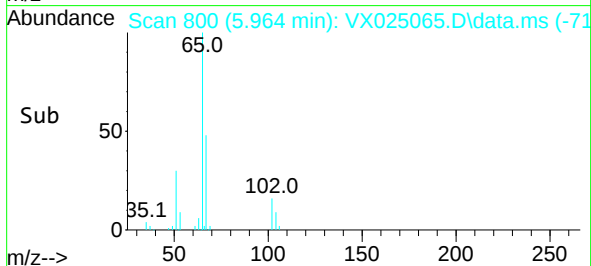
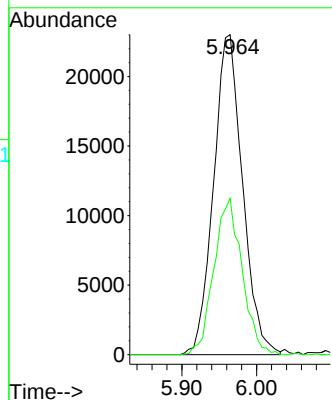
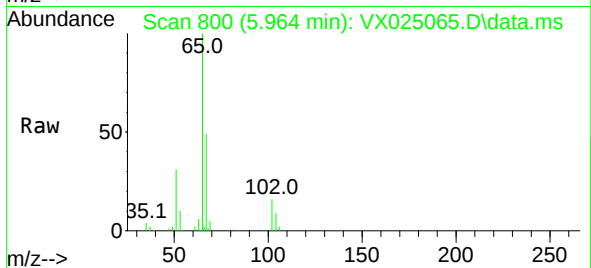
67 47.4 42.4 63.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2021

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: VX025065.D

Acq: 03 Nov 2021 22:27

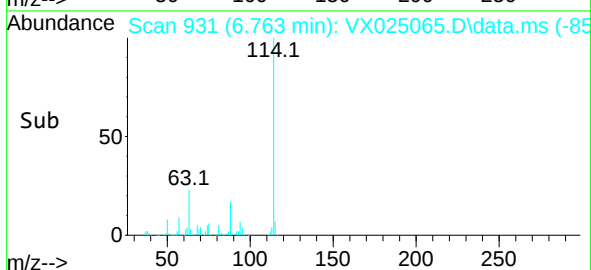
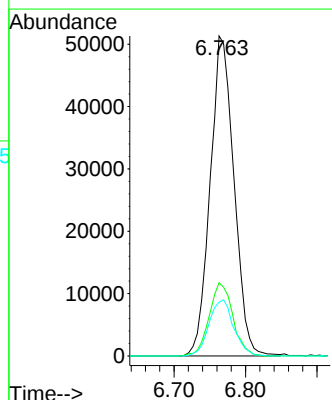
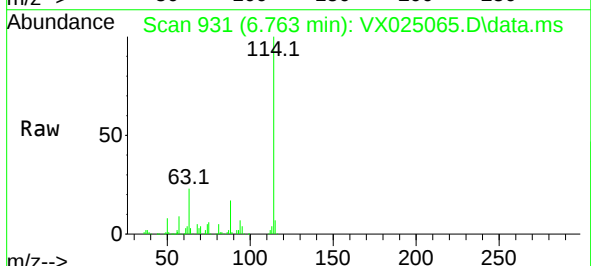
Tgt Ion:114 Resp: 118759

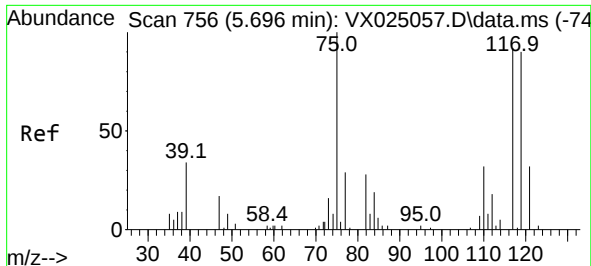
Ion Ratio Lower Upper

114 100

63 22.7 16.4 24.6

88 18.1 12.7 19.1





#29

1,1-Dichloropropene

Concen: 4.409 ug/l

RT: 5.702 min Scan# 756

Delta R.T. 0.006 min

Lab File: VX025065.D

Acq: 03 Nov 2021 22:27

Instrument :

MSVOA_X

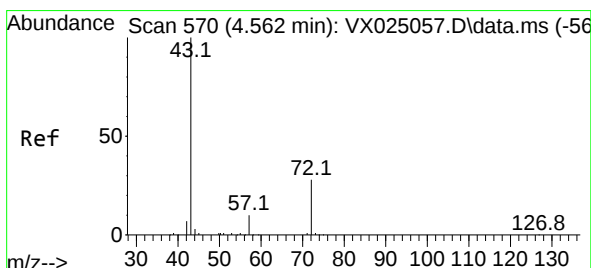
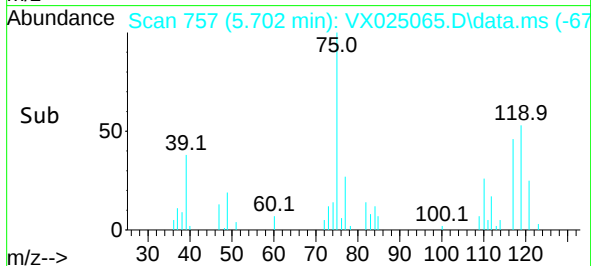
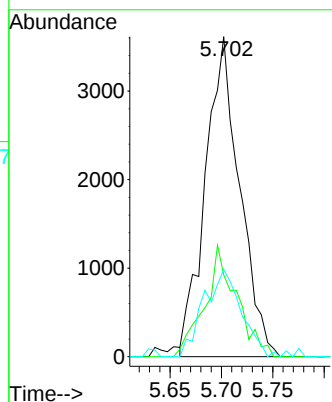
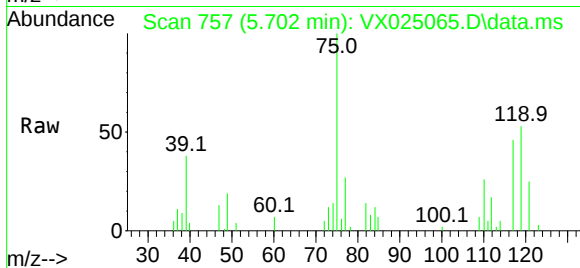
ClientSampleId :

LOQ-WATER-02-QT4-2021

Tgt Ion:	75	Resp:	8420
Ion	Ratio	Lower	Upper
75	100		
110	32.0	0.0	72.0
77	19.6	0.0	61.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#30

2-Butanone

Concen: 20.158 ug/l

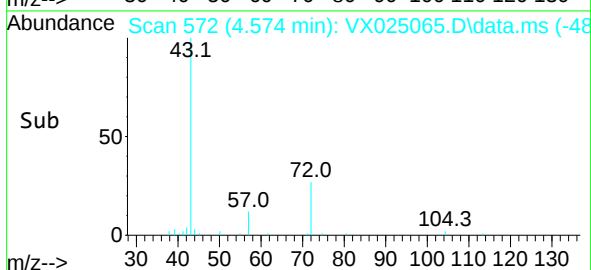
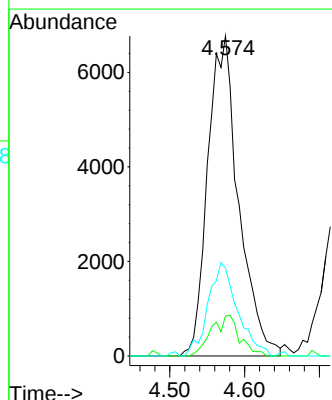
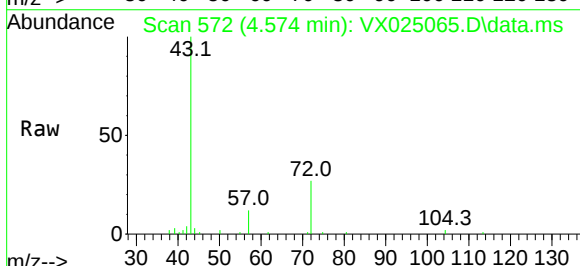
RT: 4.574 min Scan# 572

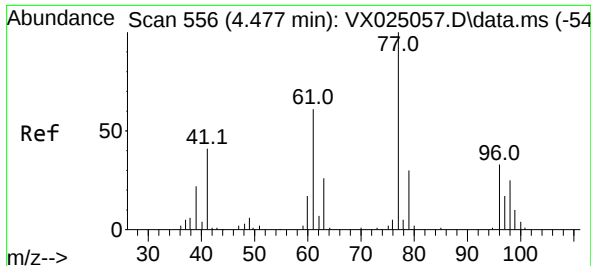
Delta R.T. 0.012 min

Lab File: VX025065.D

Acq: 03 Nov 2021 22:27

Tgt Ion:	43	Resp:	19415
Ion	Ratio	Lower	Upper
43	100		
57	3.3	6.6	9.8#
72	0.0	21.0	31.4#





#31

2,2-Dichloropropane

Concen: 3.918 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX025065.D

Acq: 03 Nov 2021 22:27

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2021

Tgt Ion: 77 Resp: 950

Ion Ratio Lower Upper

77 100

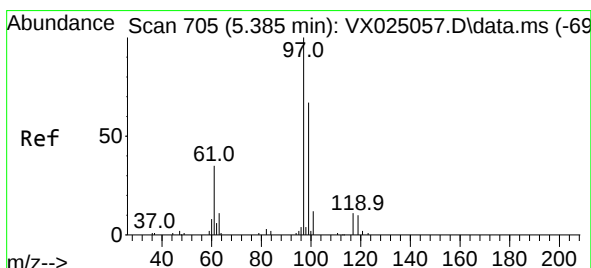
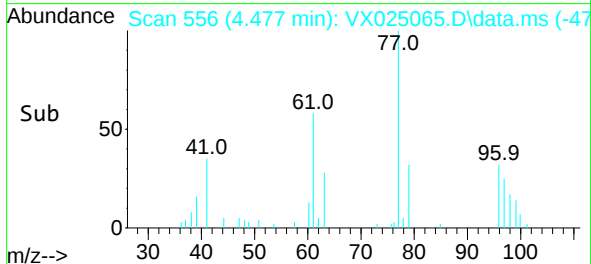
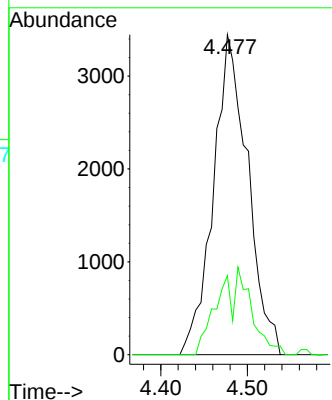
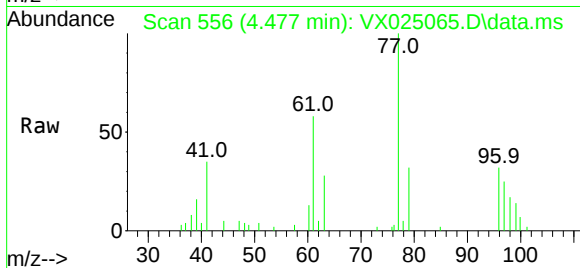
97 13.0 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2021

Supervised By :Mahesh Dadoda 11/10/2021



#32

1,1,1-Trichloroethane

Concen: 2.489 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX025065.D

Acq: 03 Nov 2021 22:27

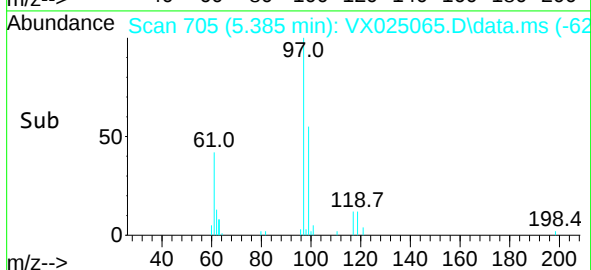
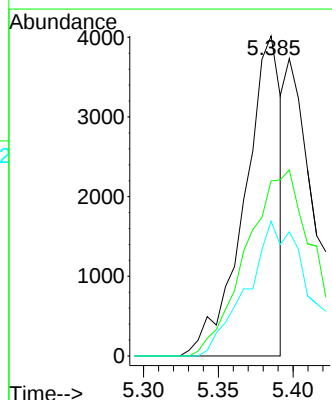
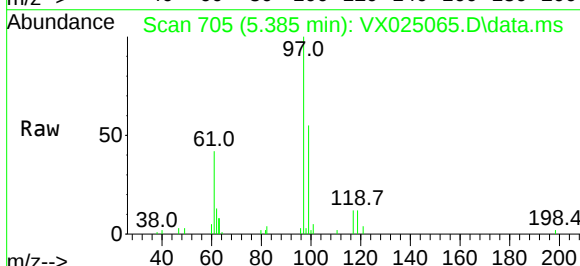
Tgt Ion: 97 Resp: 6838

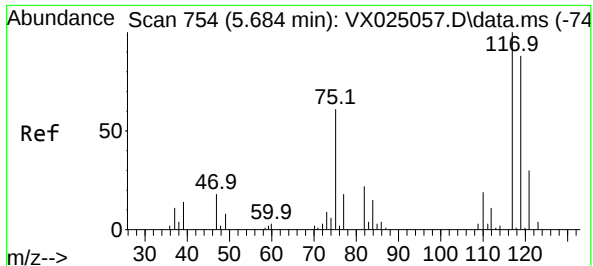
Ion Ratio Lower Upper

97 100

99 102.9 50.4 75.6

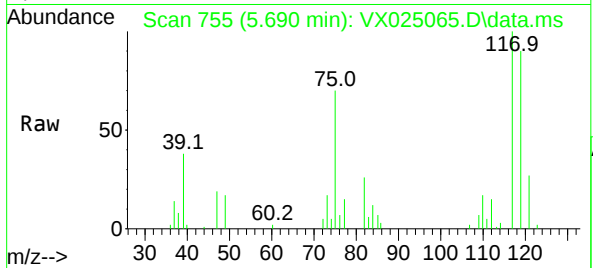
61 40.2 36.4 54.6





#33
Carbon Tetrachloride
Concen: 4.195 ug/l
RT: 5.690 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

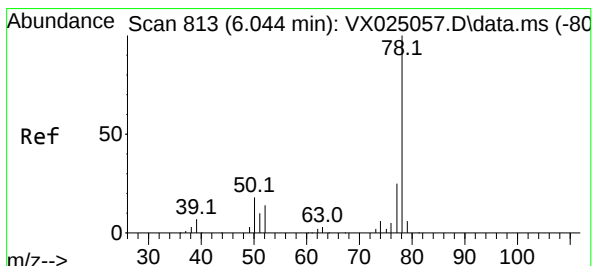
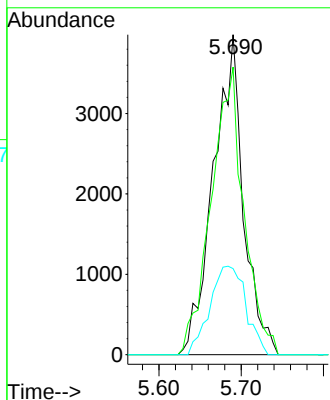
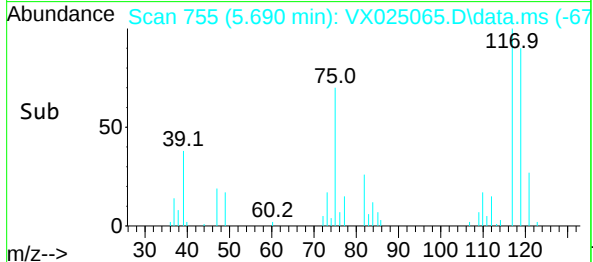
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:117 Resp: 1011
Ion Ratio Lower Upper
117 100
119 89.9 75.4 113.2
121 26.9 24.1 36.1

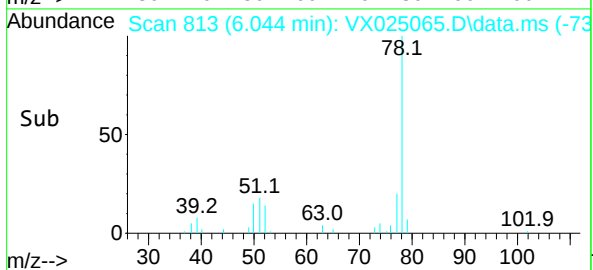
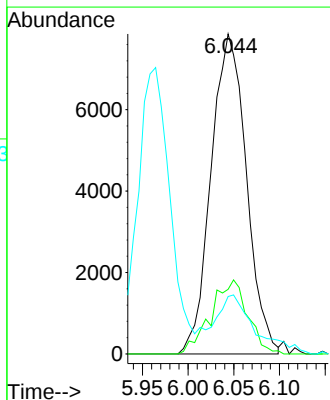
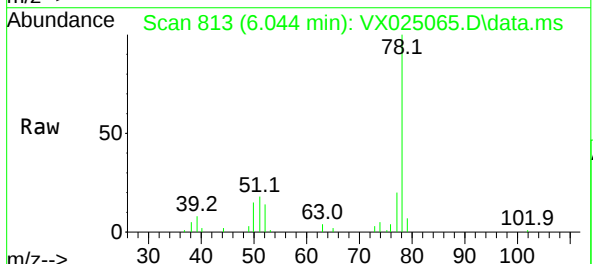
Manual Integrations
APPROVED

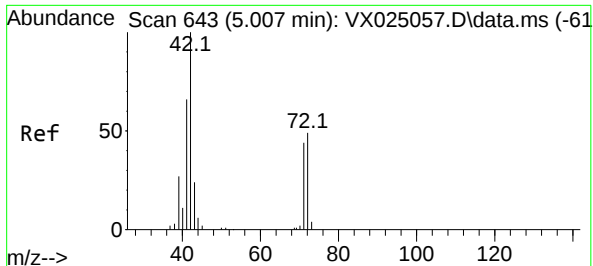
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#34
Benzene
Concen: 4.335 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

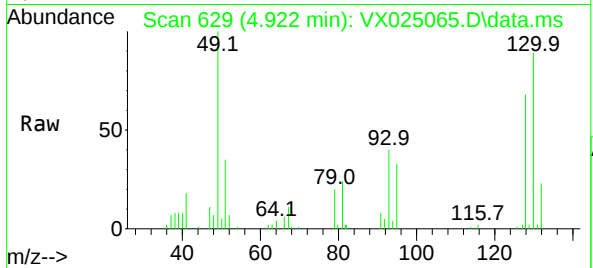
Tgt Ion: 78 Resp: 21115
Ion Ratio Lower Upper
78 100
77 19.3 19.3 28.9
51 13.6 12.2 18.4





#35
Methacrylonitrile
Concen: 4.351 ug/l m
RT: 4.922 min Scan# 61
Delta R.T. -0.085 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

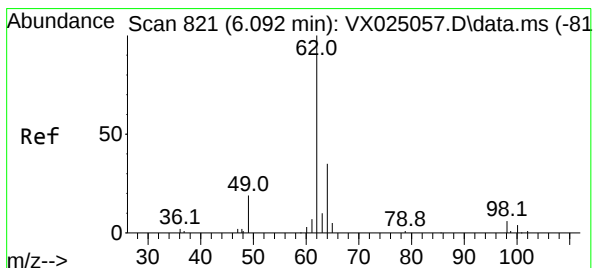
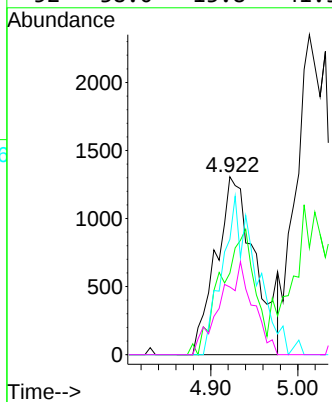
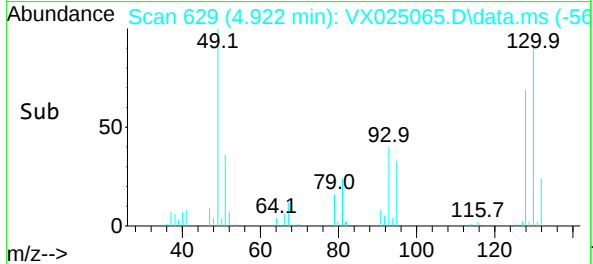
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 41 Resp: 413
Ion Ratio Lower Upper
41 100
39 45.8 27.4 82.2
67 64.8 34.6 103.9
52 38.0 13.8 41.3

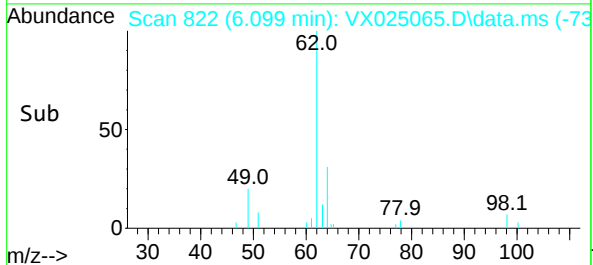
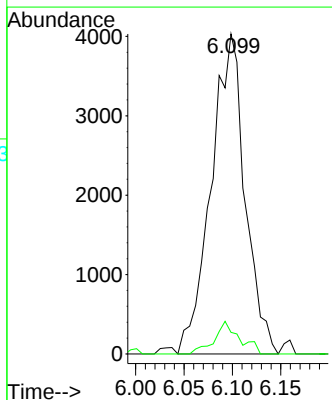
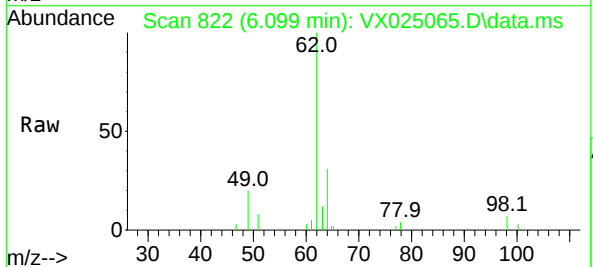
Manual Integrations
APPROVED

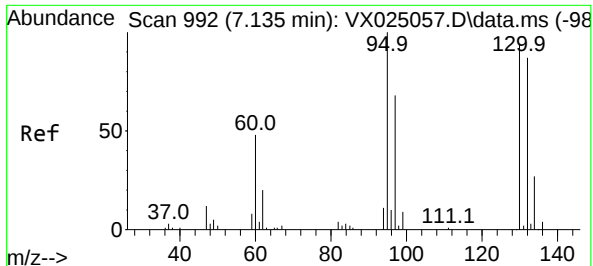
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#36
1,2-Dichloroethane
Concen: 4.160 ug/l
RT: 6.099 min Scan# 822
Delta R.T. 0.006 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

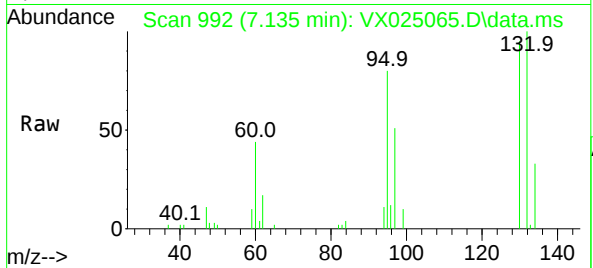
Tgt Ion: 62 Resp: 9817
Ion Ratio Lower Upper
62 100
98 6.4 7.0 10.4#





#37
Trichloroethene
Concen: 4.634 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

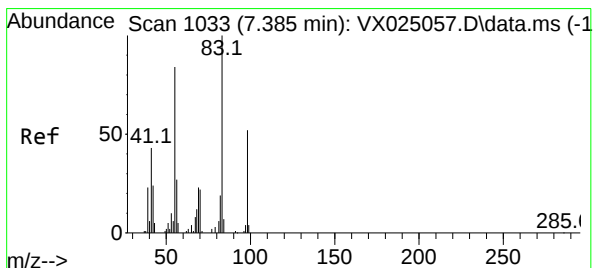
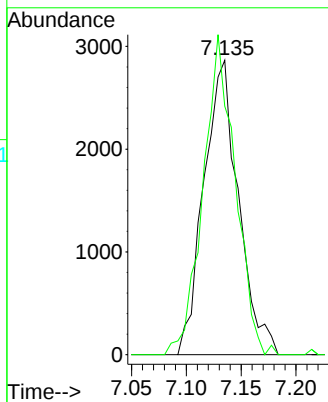
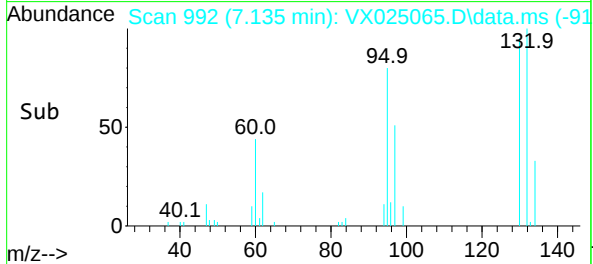
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2021



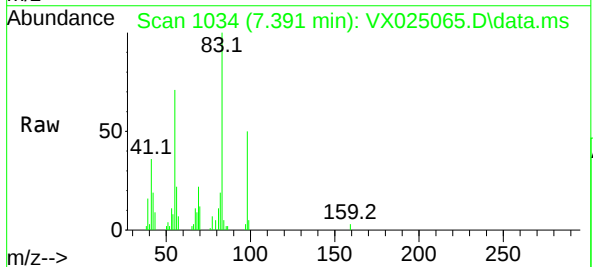
Tgt Ion: 130 Resp: 6308
Ion Ratio Lower Upper
130 100
95 84.4 77.0 115.4

Manual Integrations
APPROVED

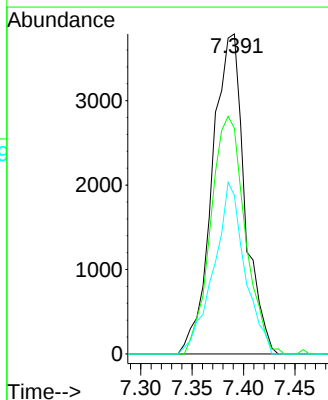
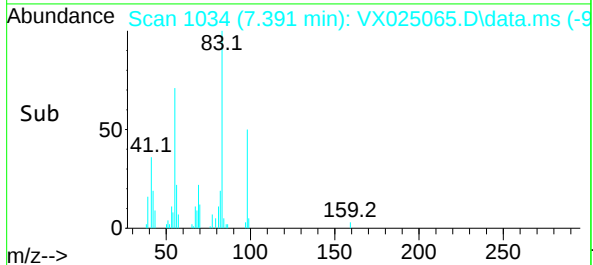
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

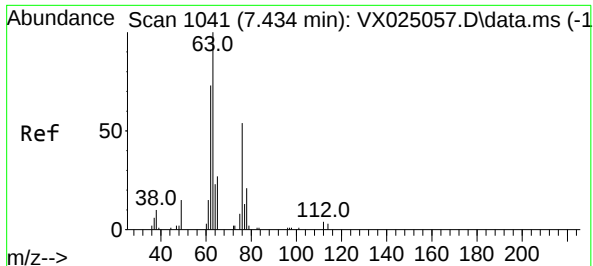


#38
Methylcyclohexane
Concen: 4.068 ug/l
RT: 7.391 min Scan# 1034
Delta R.T. 0.006 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27



Tgt Ion: 83 Resp: 8342
Ion Ratio Lower Upper
83 100
55 78.4 37.8 113.4
98 51.3 23.4 70.3





#39

1,2-Dichloropropane

Concen: 4.179 ug/l

RT: 7.440 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VX025065.D

Acq: 03 Nov 2021 22:27

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2021

Tgt Ion: 63 Resp: 555

Ion Ratio Lower Upper

63 100

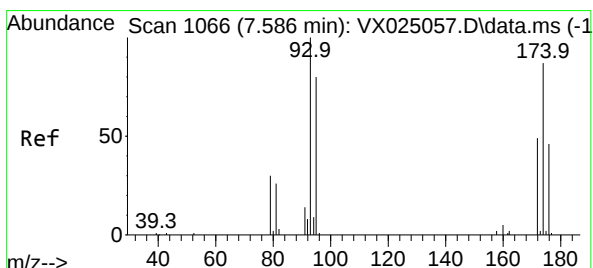
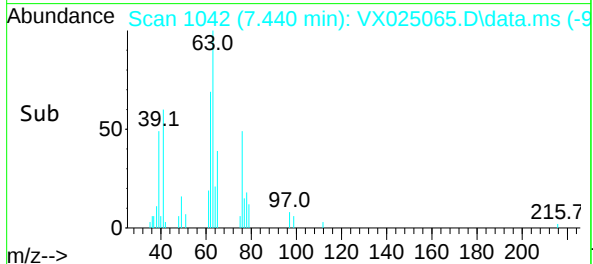
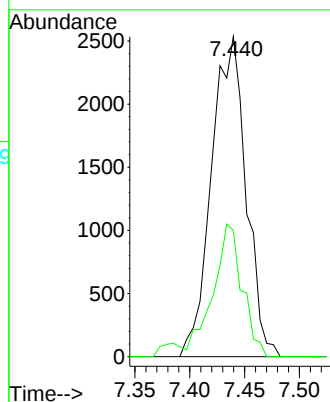
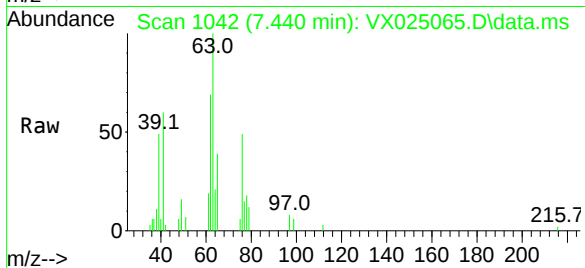
65 39.5 23.4 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2021

Supervised By :Mahesh Dadoda 11/10/2021



#40

Dibromomethane

Concen: 4.343 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX025065.D

Acq: 03 Nov 2021 22:27

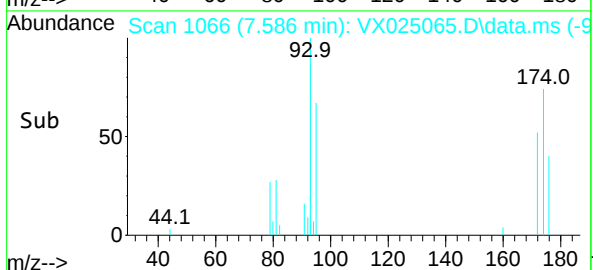
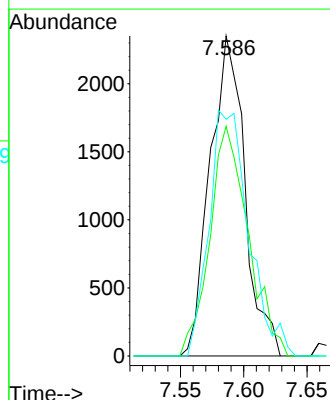
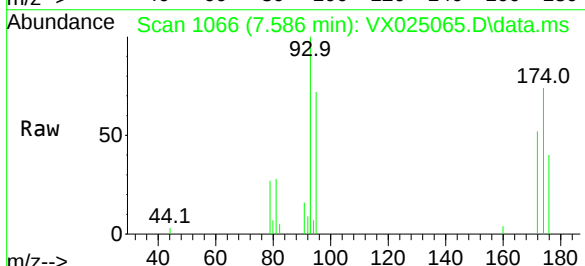
Tgt Ion: 93 Resp: 4497

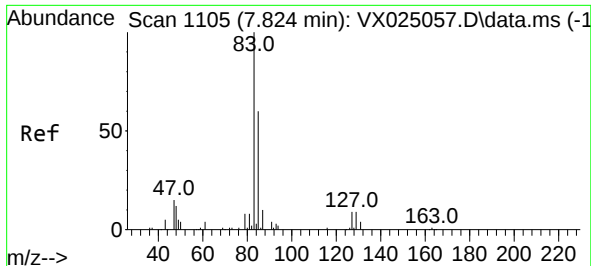
Ion Ratio Lower Upper

93 100

95 79.4 0.0 168.4

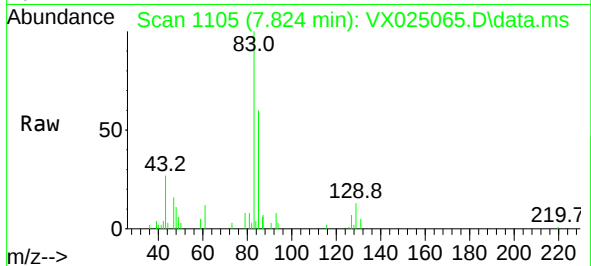
174 84.9 0.0 206.6





#41
Bromodichloromethane
Concen: 4.055 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

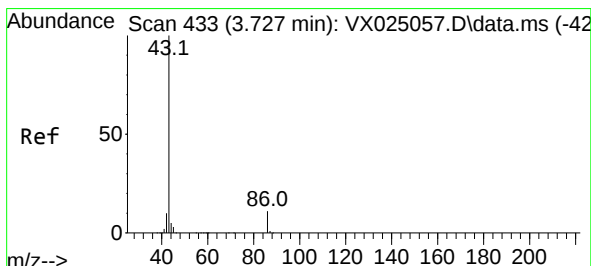
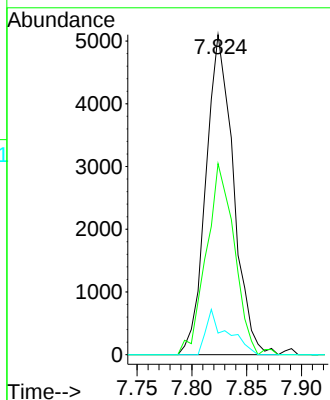
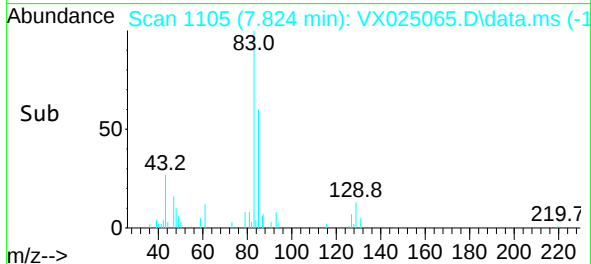
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 83 Resp: 8915
Ion Ratio Lower Upper
83 100
85 59.7 51.7 77.5
127 6.7 7.4 11.0

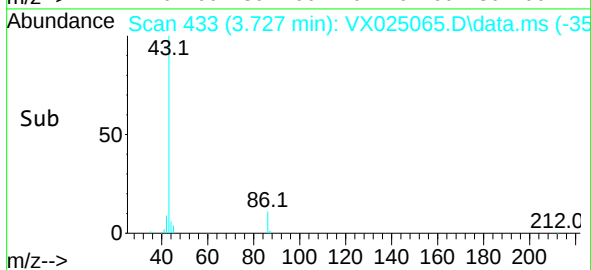
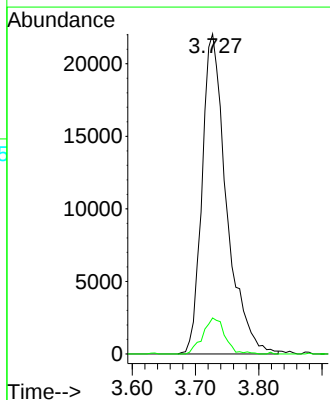
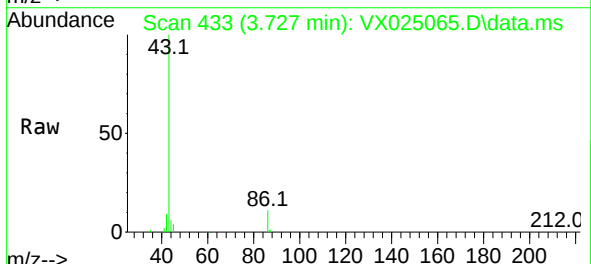
Manual Integrations
APPROVED

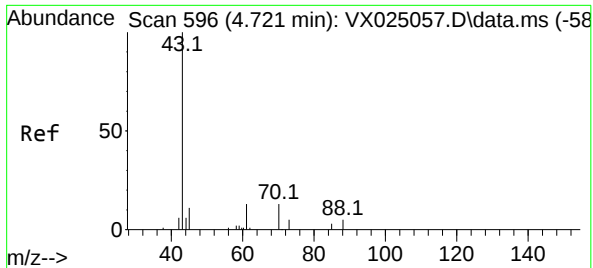
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#42
Vinyl Acetate
Concen: 20.589 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

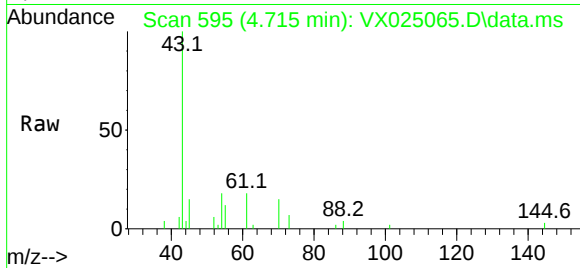
Tgt Ion: 43 Resp: 59332
Ion Ratio Lower Upper
43 100
86 9.8 7.2 10.8





#43
Ethyl Acetate
Concen: 4.405 ug/l m
RT: 4.715 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

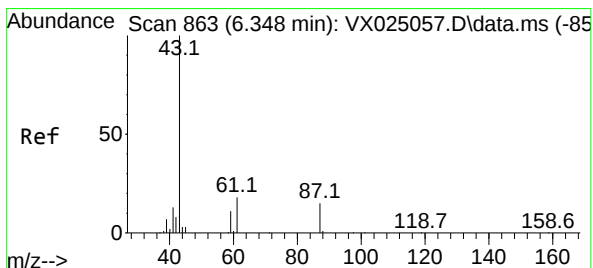
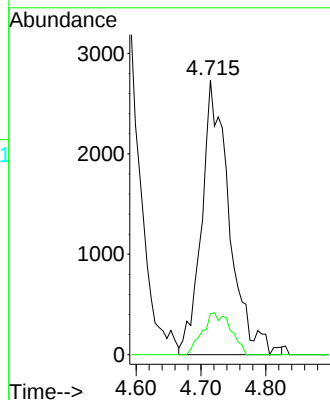
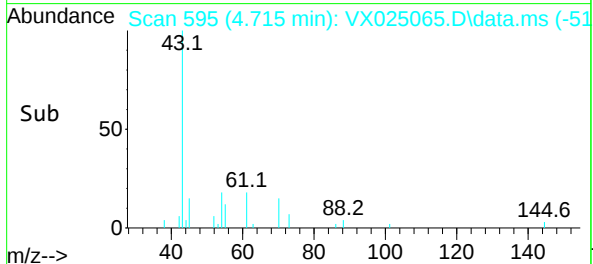
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2021



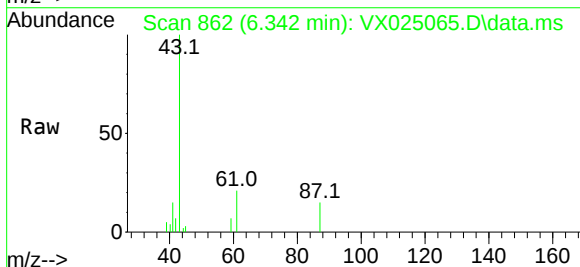
Tgt Ion: 43 Resp: 813
Ion Ratio Lower Upper
43 100
45 9.1 12.1 18.1

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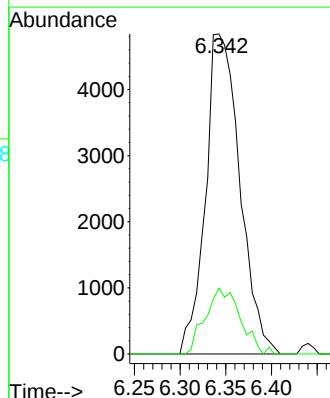
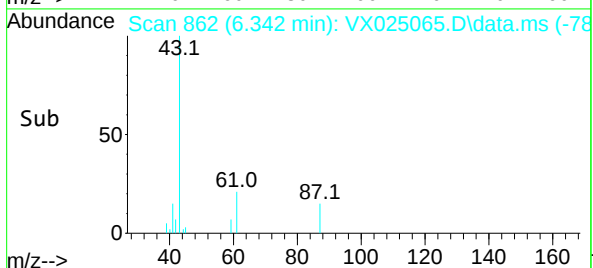
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

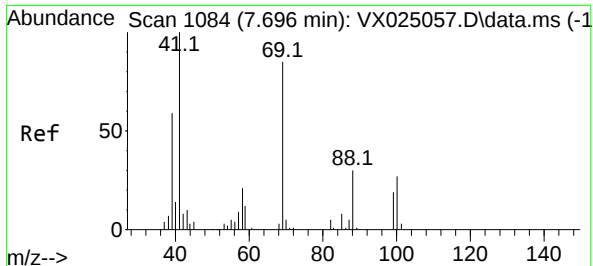


#44
Isopropyl Acetate
Concen: 4.381 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27



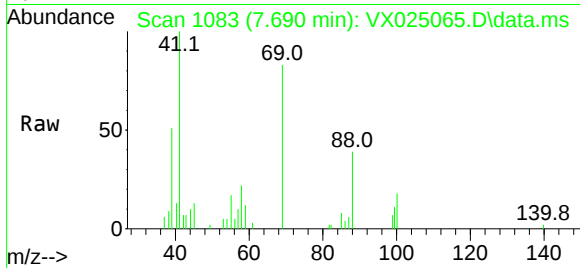
Tgt Ion: 43 Resp: 12650
Ion Ratio Lower Upper
43 100
61 20.7 15.4 23.2





#45
1,4-Dioxane
Concen: 89.942 ug/l m
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

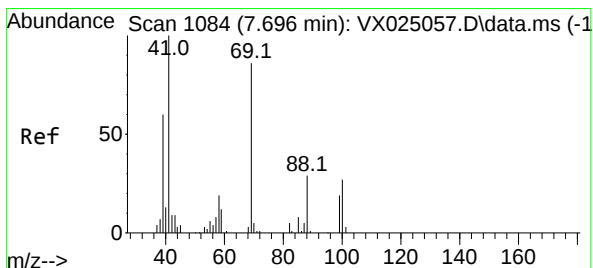
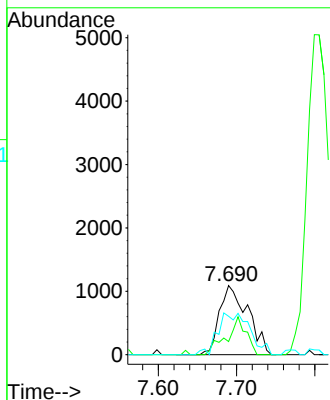
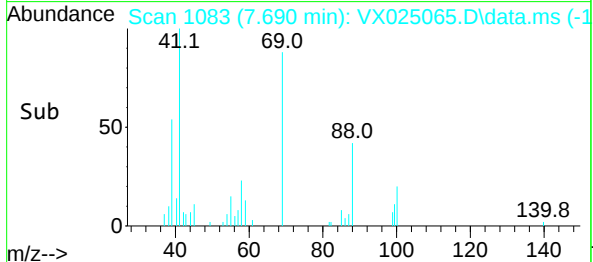
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2021



Tgt Ion: 88 Resp: 2758
Ion Ratio Lower Upper
88 100
43 12.6 25.3 37.9
58 33.0 53.1 79.7

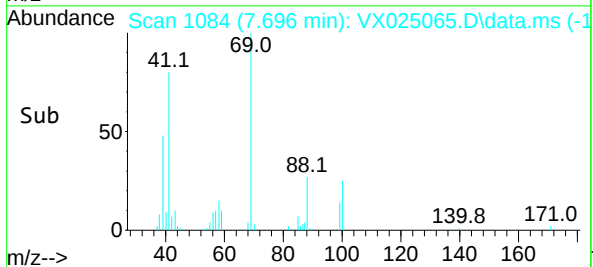
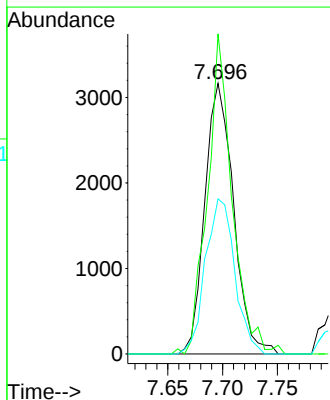
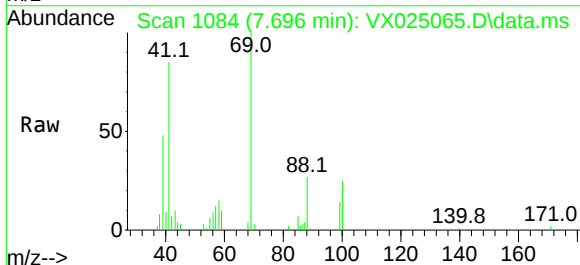
Manual Integrations
APPROVED

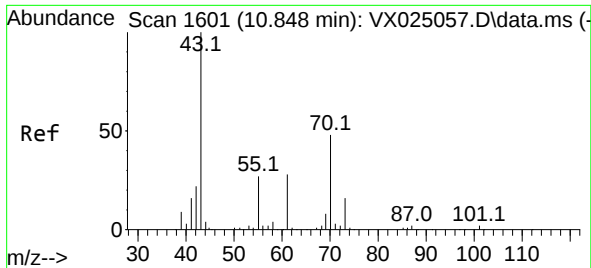
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#46
Methyl methacrylate
Concen: 4.087 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

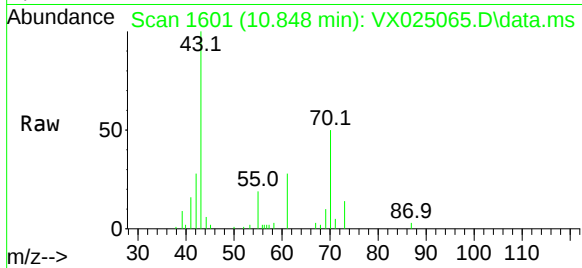
Tgt Ion: 41 Resp: 5770
Ion Ratio Lower Upper
41 100
69 116.4 39.5 118.5
39 57.4 29.0 87.1





#47
n-amy1 Acetate
Concen: 3.738 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

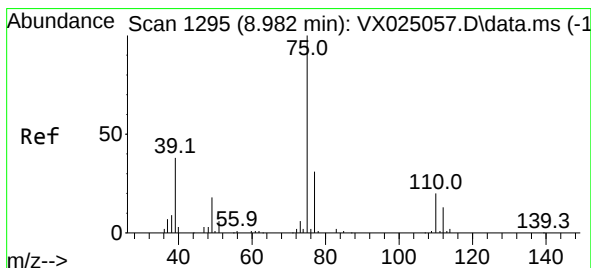
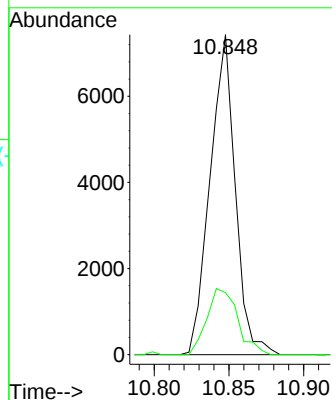
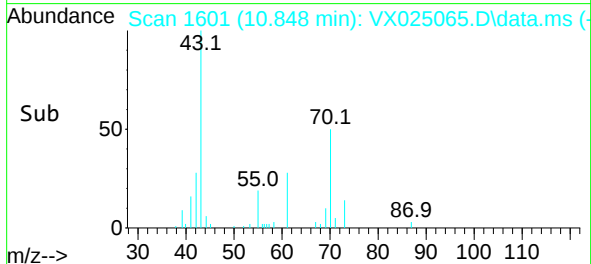
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2021



Tgt Ion: 43 Resp: 870
Ion Ratio Lower Upper
43 100
55 25.3 18.9 28.3

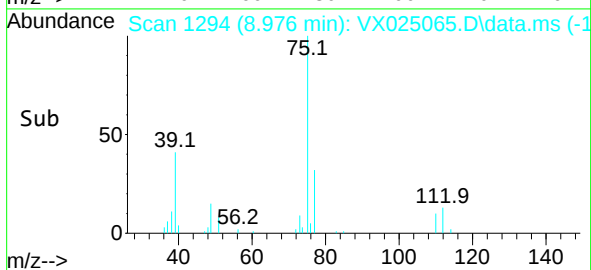
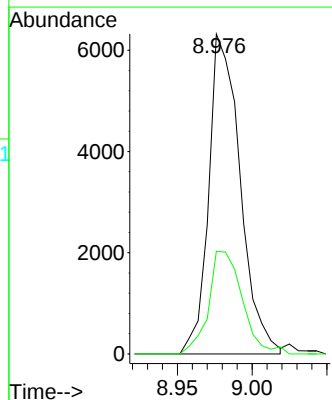
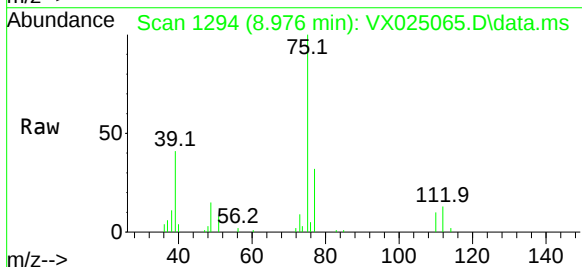
Manual Integrations
APPROVED

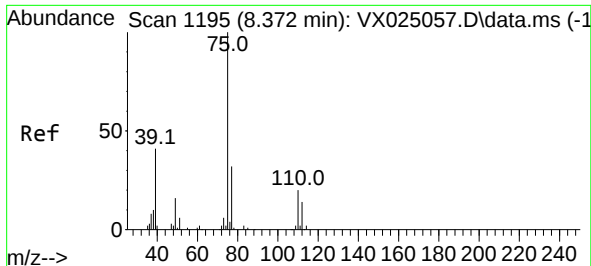
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#48
t-1,3-Dichloropropene
Concen: 3.902 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

Tgt Ion: 75 Resp: 9241
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.8





#49

cis-1,3-Dichloropropene

Concen: 3.990 ug/l

RT: 8.373 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX025065.D

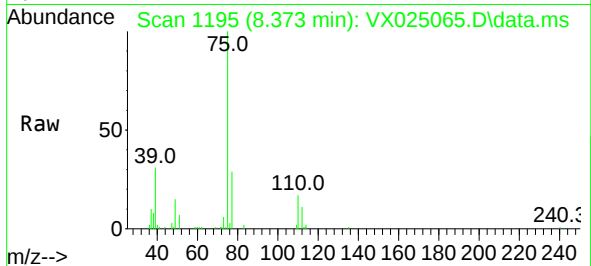
Acq: 03 Nov 2021 22:27

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2021



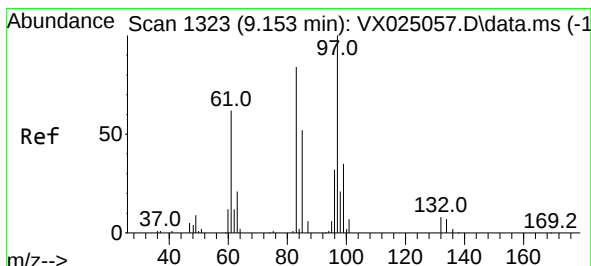
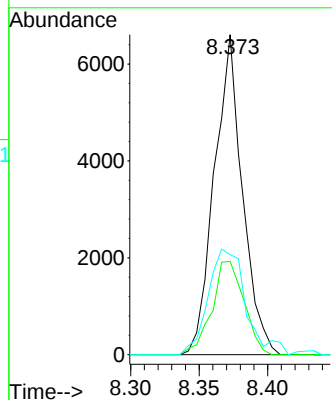
Tgt Ion: 75	Resp: 943
Ion Ratio	Lower Upper
75	100
77	29.1 23.6 35.4
39	31.3 44.0 66.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2021

Supervised By :Mahesh Dadoda 11/10/2021



#50

1,1,2-Trichloroethane

Concen: 3.985 ug/l

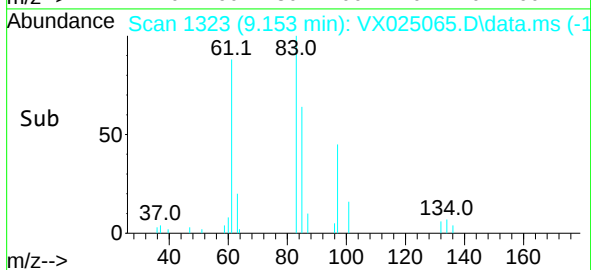
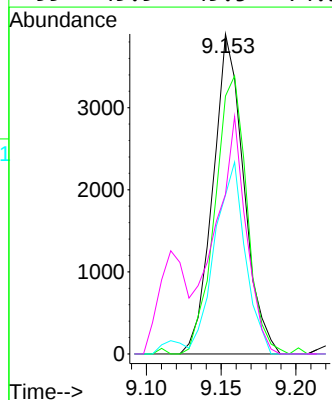
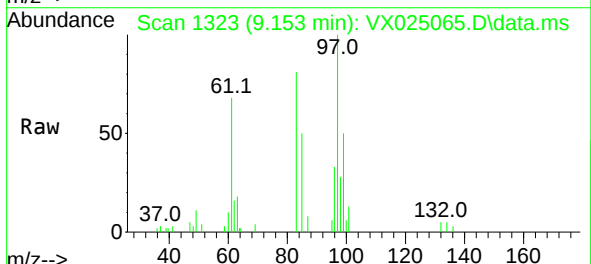
RT: 9.153 min Scan# 1323

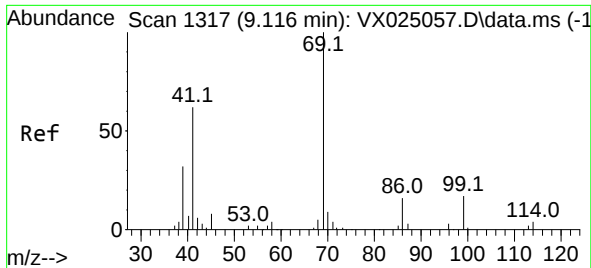
Delta R.T. 0.000 min

Lab File: VX025065.D

Acq: 03 Nov 2021 22:27

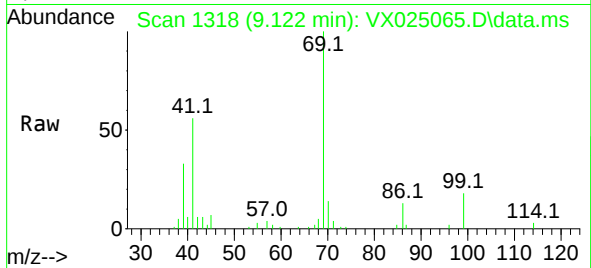
Tgt Ion: 97	Resp: 5587
Ion Ratio	Lower Upper
97	100
83	80.6 64.2 96.4
85	49.7 42.4 63.6
99	49.9 49.5 74.3





#51
Ethyl methacrylate
Concen: 3.908 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

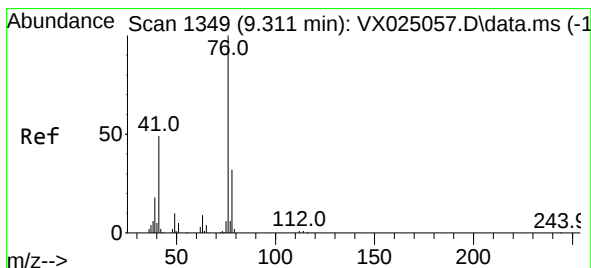
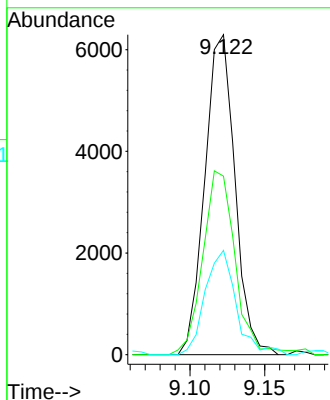
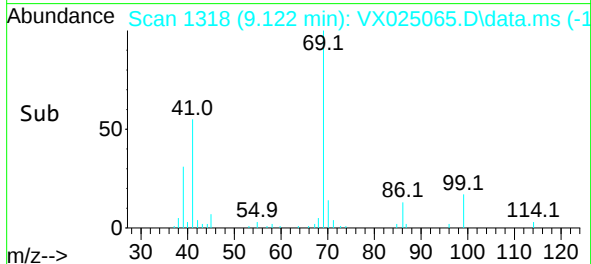
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2021



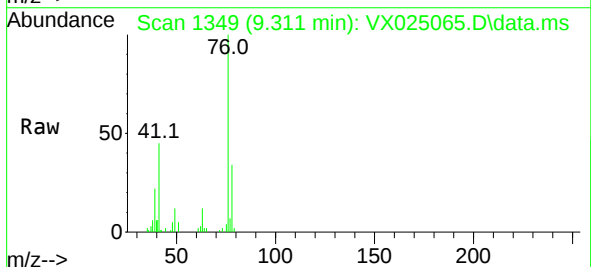
Tgt Ion: 69 Resp: 883
Ion Ratio Lower Upper
69 100
41 54.4 35.8 107.3
39 32.6 20.3 60.8

Manual Integrations
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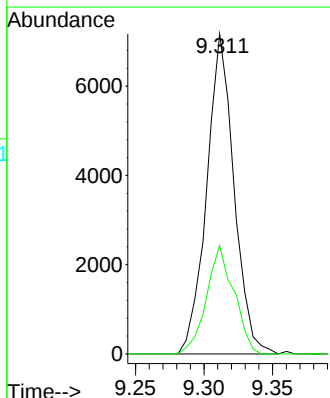
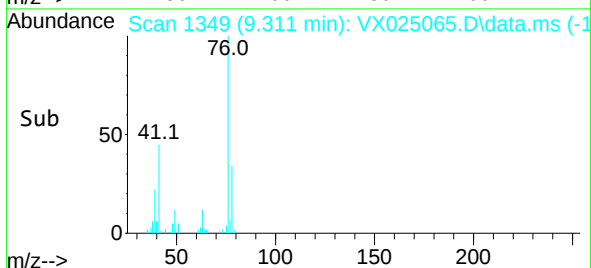
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

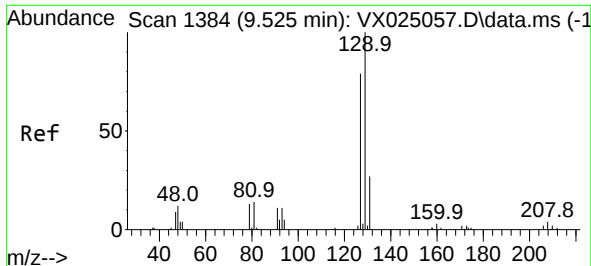


#52
1,3-Dichloropropane
Concen: 4.146 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27



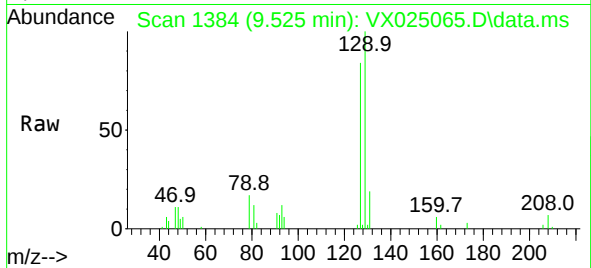
Tgt Ion: 76 Resp: 9933
Ion Ratio Lower Upper
76 100
78 34.1 0.0 64.0





#53
Dibromochloromethane
Concen: 3.933 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

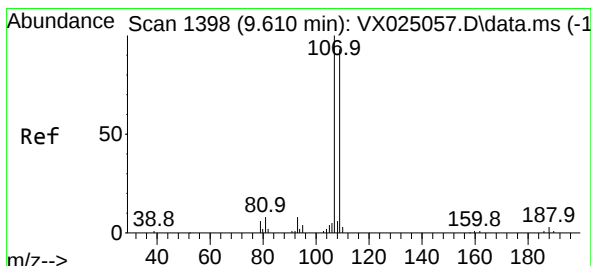
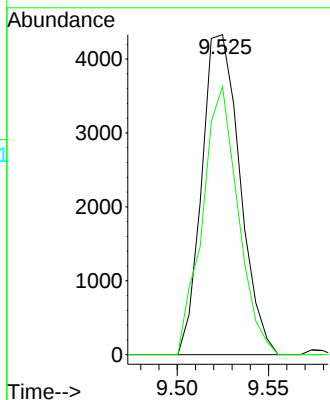
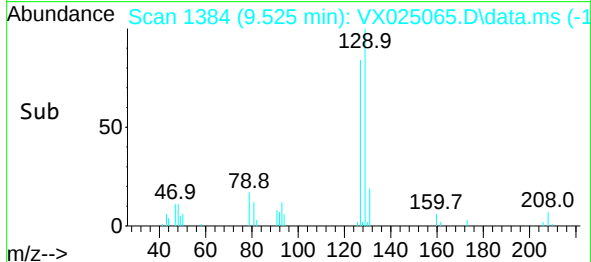
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2021



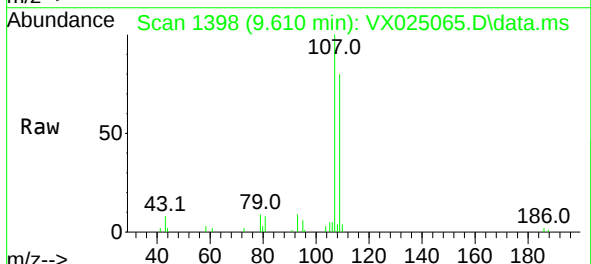
Tgt Ion:129 Resp: 6295
Ion Ratio Lower Upper
129 100
127 78.2 39.3 117.9

Manual Integrations
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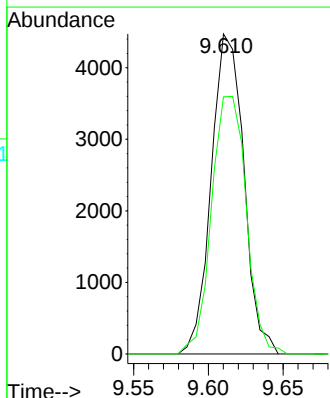
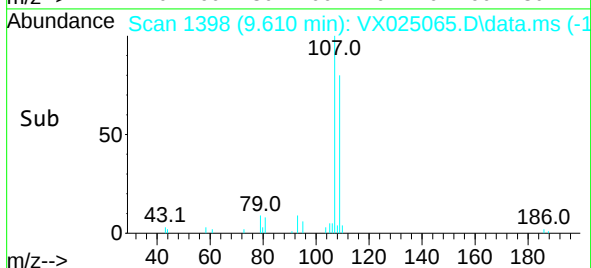
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

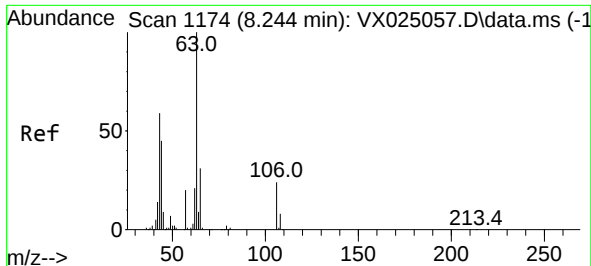


#54
1,2-Dibromoethane
Concen: 4.323 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27



Tgt Ion:107 Resp: 6770
Ion Ratio Lower Upper
107 100
109 85.7 75.3 112.9





#55

2-Chloroethyl vinyl ether

Concen: 25.775 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX025065.D

Acq: 03 Nov 2021 22:27

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2021

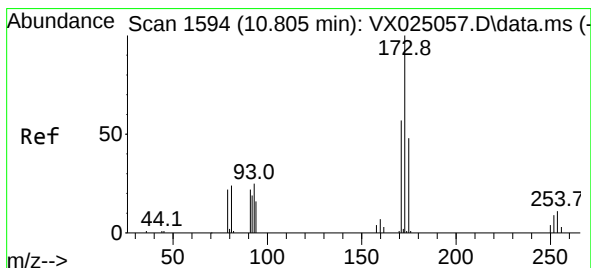
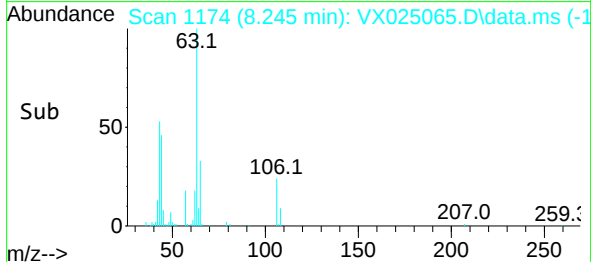
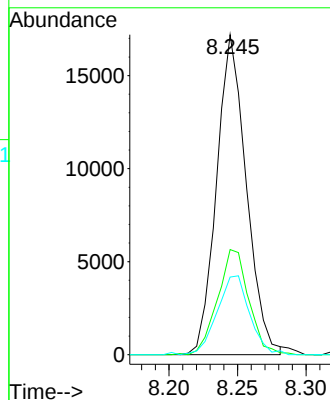
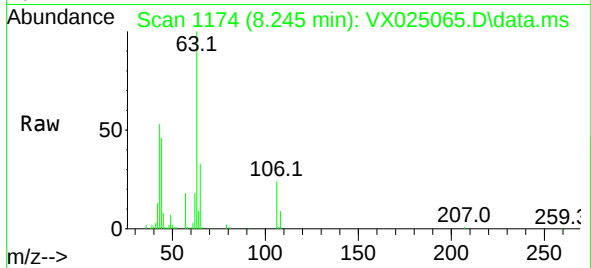
Tgt Ion: 63	Resp: 25920
Ion Ratio	Lower Upper
63 100	
65 34.4	25.8 38.6
106 27.0	21.8 32.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2021

Supervised By :Mahesh Dadoda 11/10/2021



#56

Bromoform

Concen: 3.734 ug/l

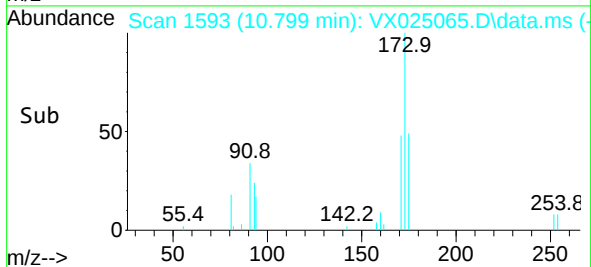
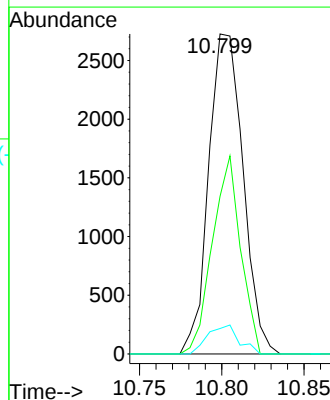
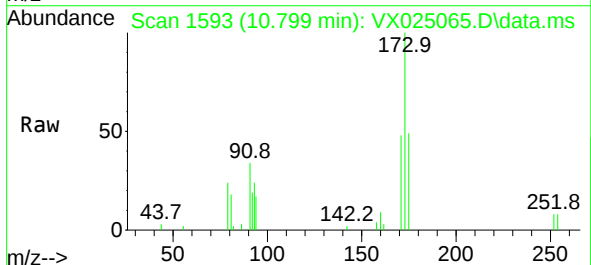
RT: 10.799 min Scan# 1593

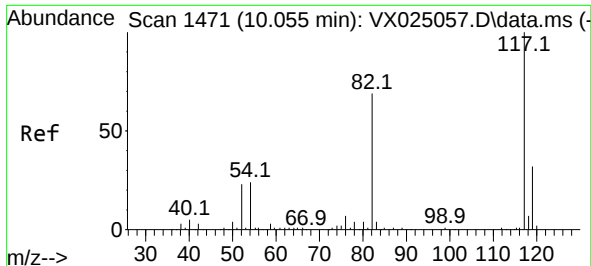
Delta R.T. -0.006 min

Lab File: VX025065.D

Acq: 03 Nov 2021 22:27

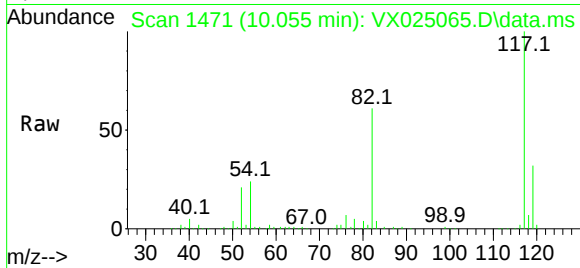
Tgt Ion: 173	Resp: 3968
Ion Ratio	Lower Upper
173 100	
175 50.7	38.4 57.6
254 8.2	7.3 10.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

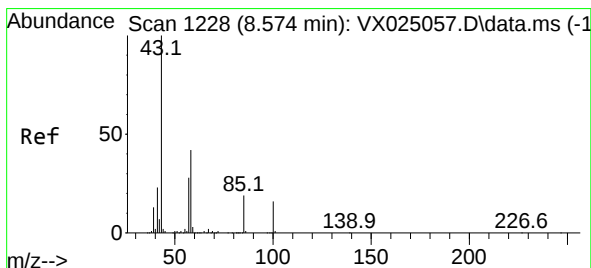
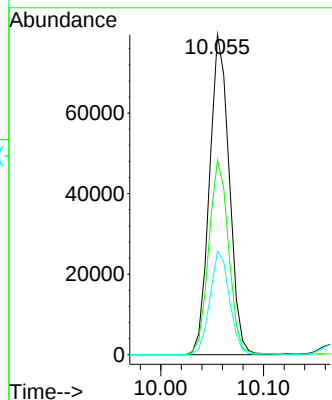
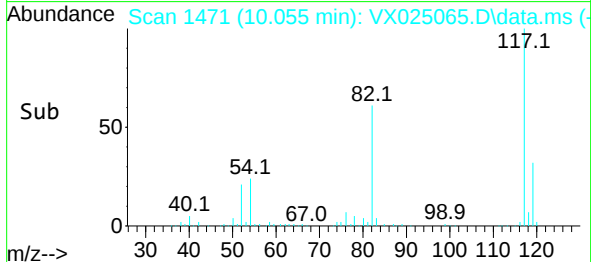
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2021



Tgt Ion: 117 Resp: 10592
Ion Ratio Lower Upper
117 100
82 61.0 45.0 67.4
119 32.0 26.2 39.2

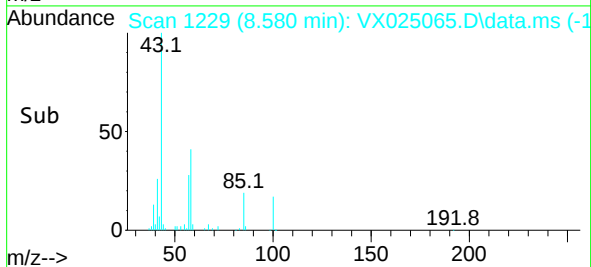
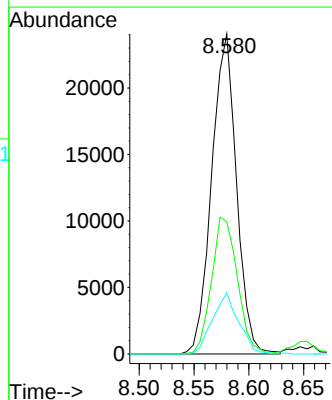
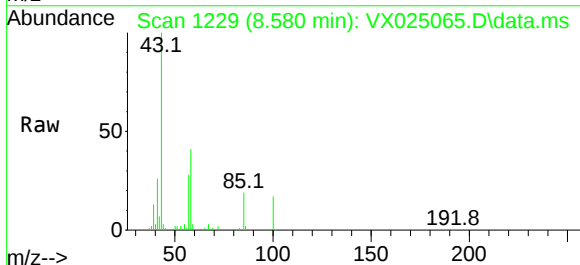
Manual Integrations
APPROVED

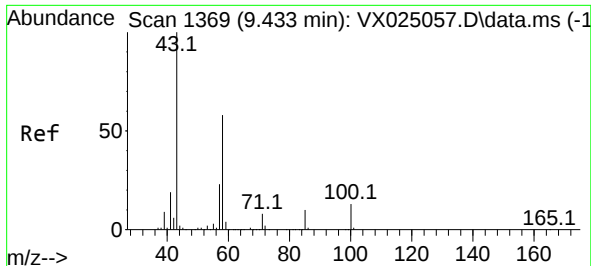
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#58
4-Methyl-2-Pentanone
Concen: 21.213 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

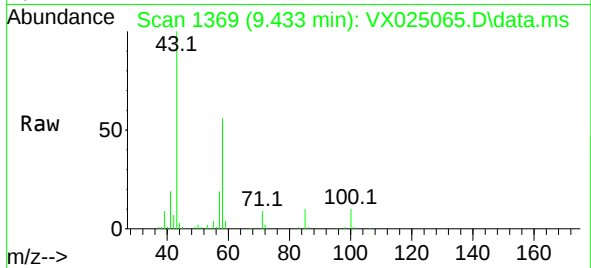
Tgt Ion: 43 Resp: 37877
Ion Ratio Lower Upper
43 100
58 44.4 30.5 45.7
85 20.1 14.0 21.0





#59
2-Hexanone
Concen: 21.117 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

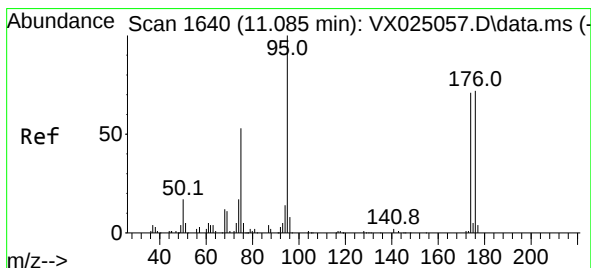
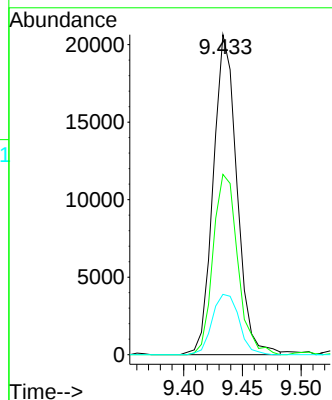
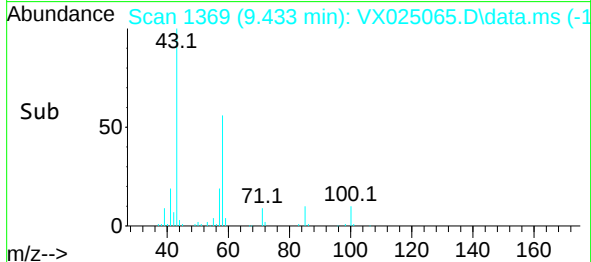
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 43 Resp: 28972
Ion Ratio Lower Upper
43 100
58 58.7 42.1 63.1
57 21.3 14.9 22.3

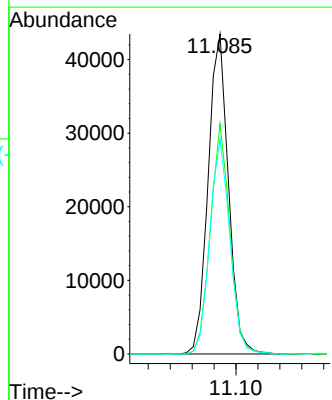
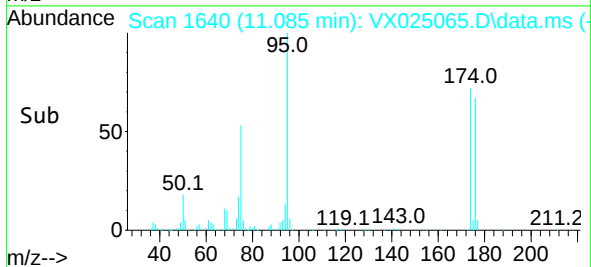
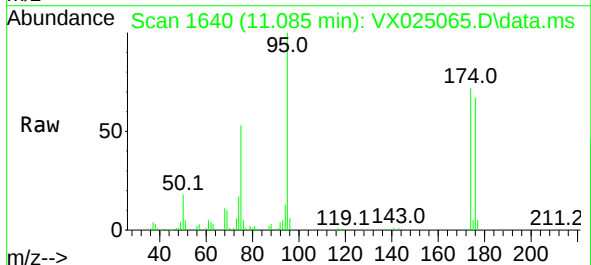
Manual Integrations
APPROVED

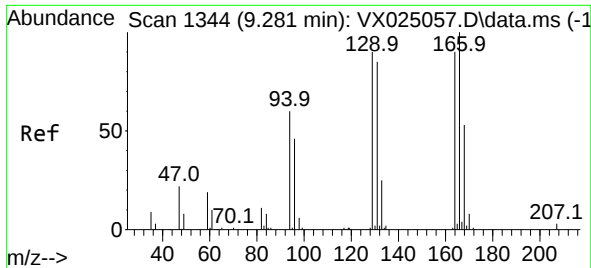
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#60
4-Bromofluorobenzene
Concen: 28.879 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

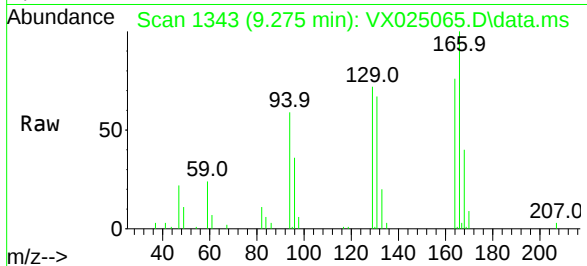
Tgt Ion: 95 Resp: 55812
Ion Ratio Lower Upper
95 100
174 69.2 63.5 95.3
176 66.6 63.0 94.4





#61
Tetrachloroethene
Concen: 4.850 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

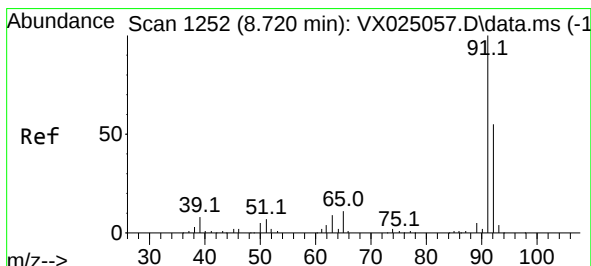
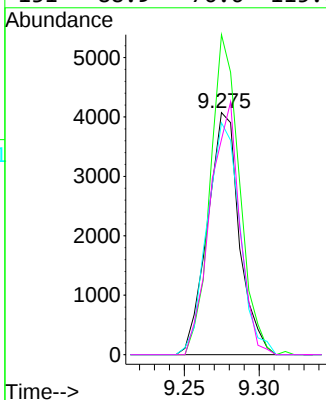
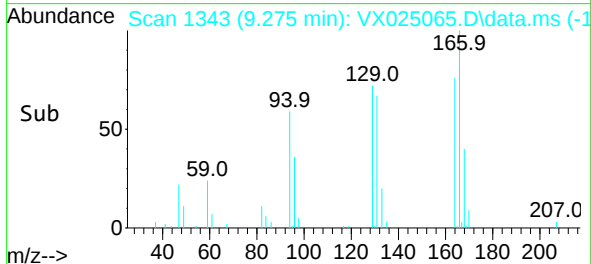
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:164 Resp: 6020
Ion Ratio Lower Upper
164 100
166 132.2 98.6 147.8
129 95.8 79.7 119.5
131 88.9 76.6 115.0

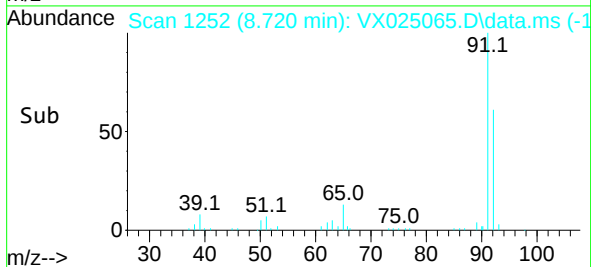
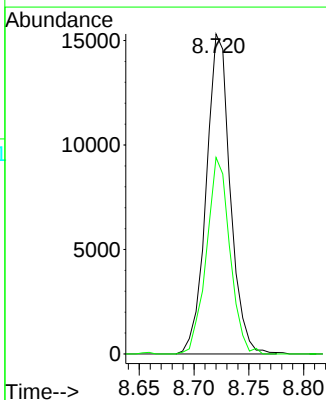
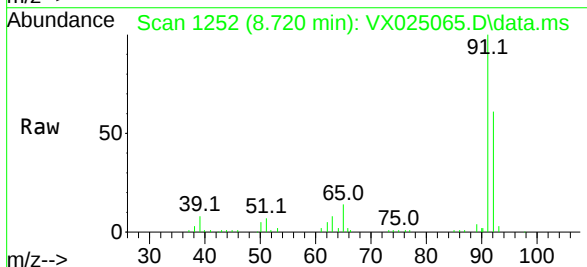
Manual Integrations
APPROVED

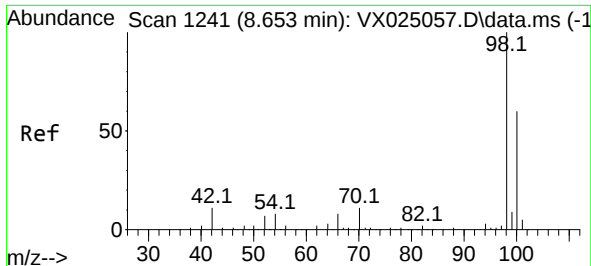
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#62
Toluene
Concen: 4.295 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

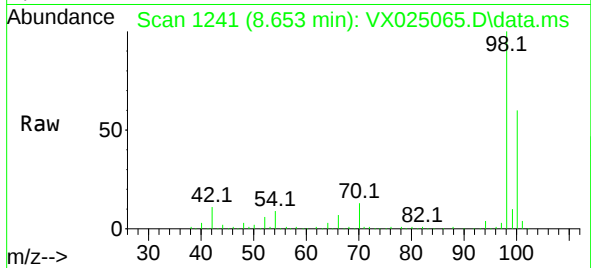
Tgt Ion: 91 Resp: 23270
Ion Ratio Lower Upper
91 100
92 59.9 46.5 69.7





#63
Toluene-d8
Concen: 30.440 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

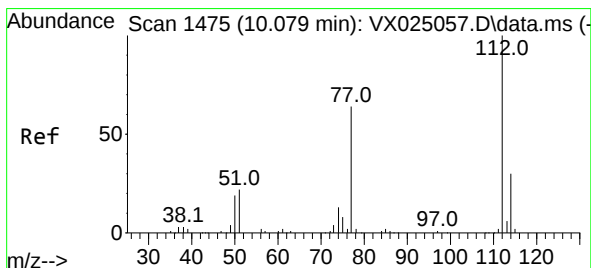
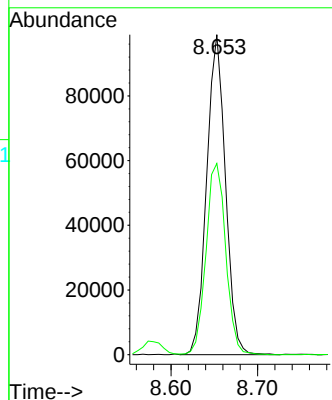
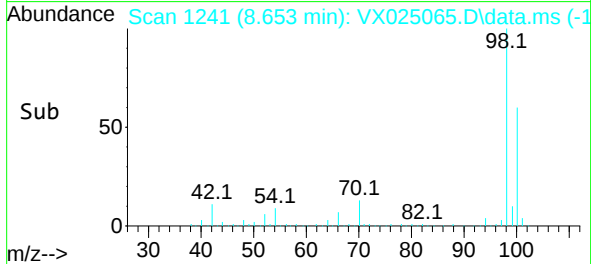
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 98 Resp: 14891
Ion Ratio Lower Upper
98 100
100 62.9 51.4 77.0

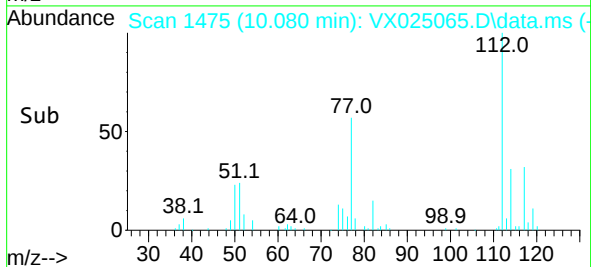
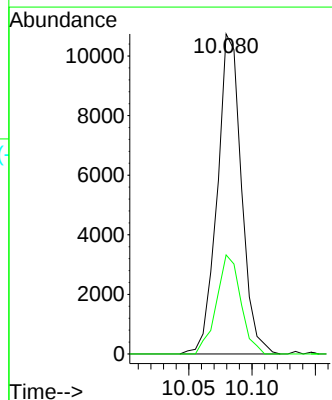
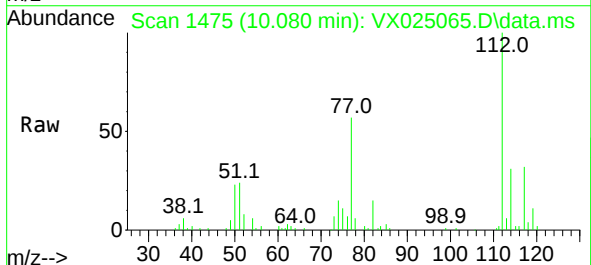
Manual Integrations
APPROVED

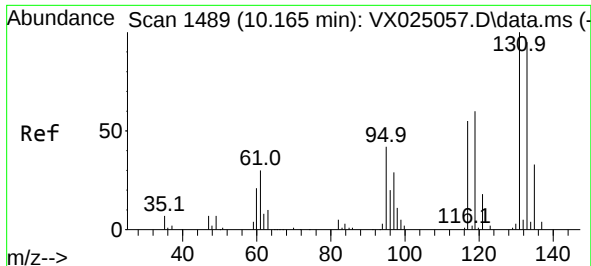
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#64
Chlorobenzene
Concen: 4.350 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

Tgt Ion:112 Resp: 14237
Ion Ratio Lower Upper
112 100
114 30.9 26.0 39.0





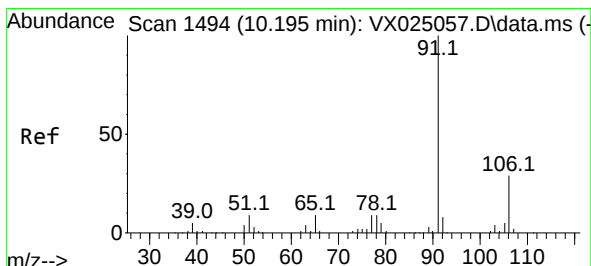
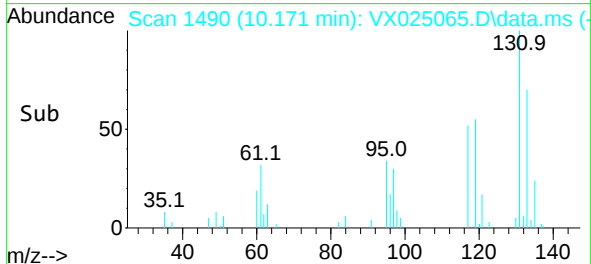
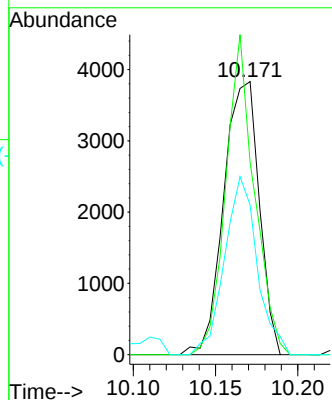
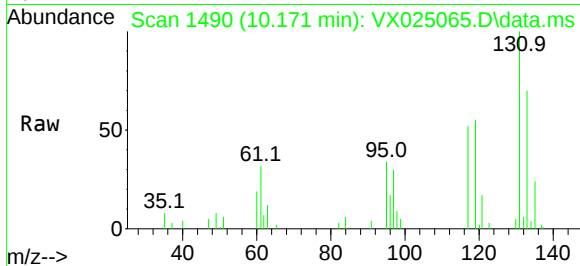
#65
1,1,1,2-Tetrachloroethane
Concen: 3.938 ug/l
RT: 10.171 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:131 Resp: 575
Ion Ratio Lower Upper
131 100
133 94.1 0.0 191.2
119 59.9 0.0 133.2

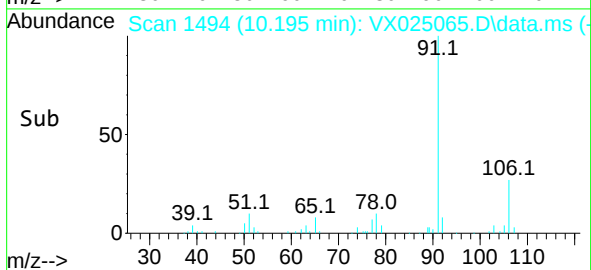
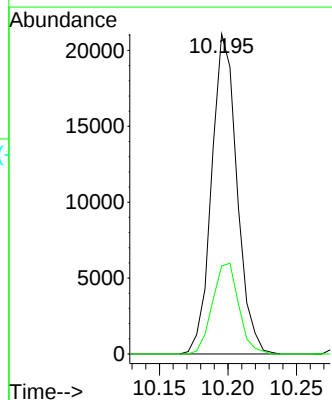
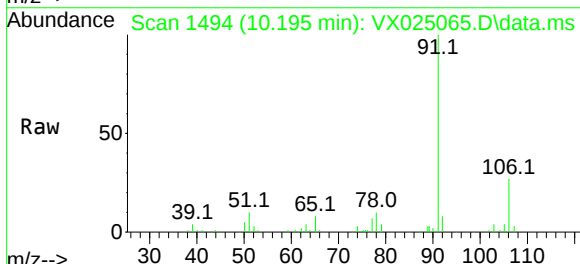
Manual Integrations
APPROVED

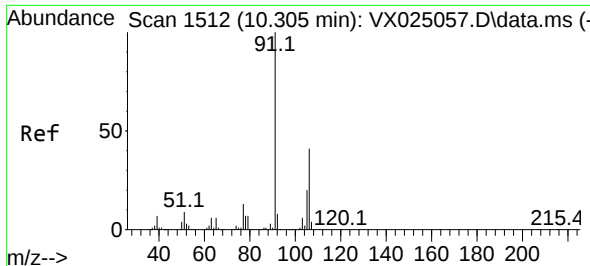
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#66
Ethyl Benzene
Concen: 4.237 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

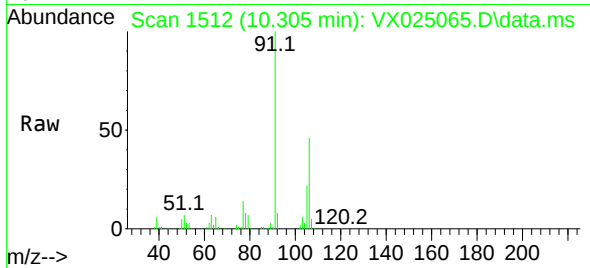
Tgt Ion: 91 Resp: 27147
Ion Ratio Lower Upper
91 100
106 27.5 24.7 37.1





#67
m/p-Xylenes
Concen: 8.455 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

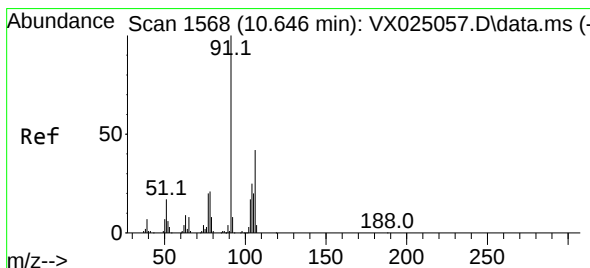
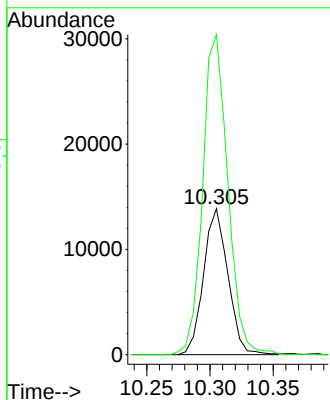
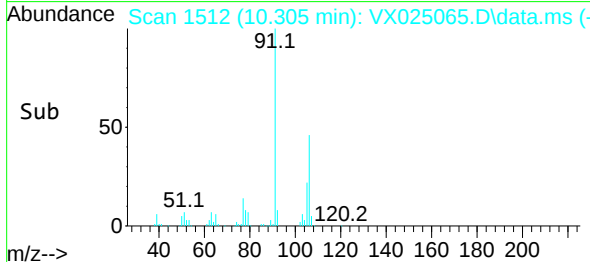
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:106 Resp: 18620
Ion Ratio Lower Upper
106 100
91 225.9 162.4 243.6

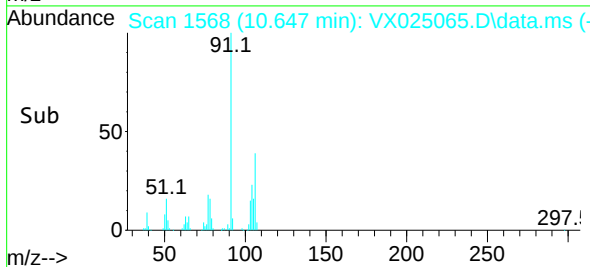
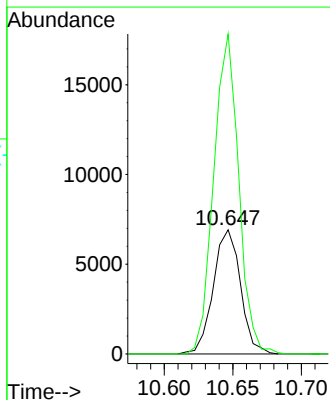
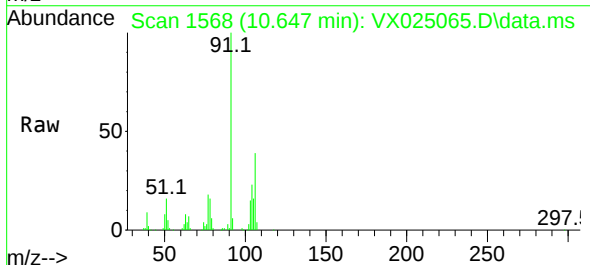
Manual Integrations
APPROVED

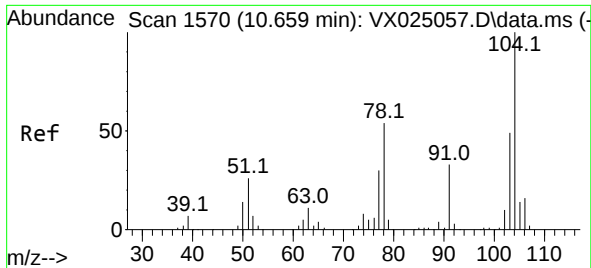
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#68
o-Xylene
Concen: 4.446 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

Tgt Ion:106 Resp: 9564
Ion Ratio Lower Upper
106 100
91 236.3 107.3 321.8





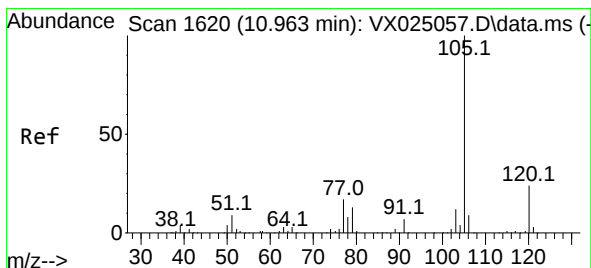
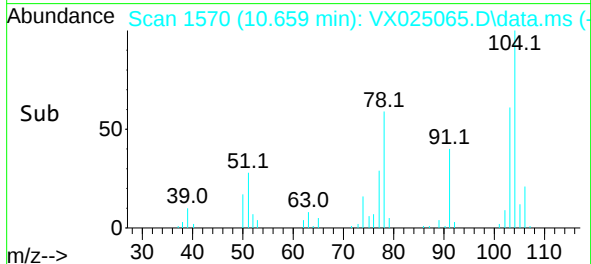
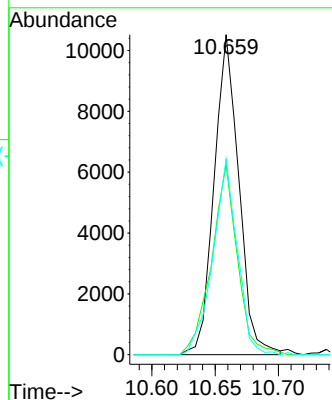
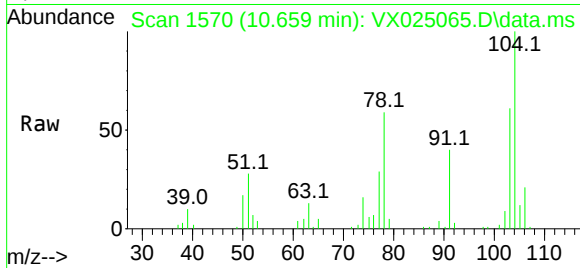
#69
Styrene
Concen: 3.904 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:104 Resp: 1426
Ion Ratio Lower Upper
104 100
78 62.4 41.4 62.0
103 60.6 44.2 66.4

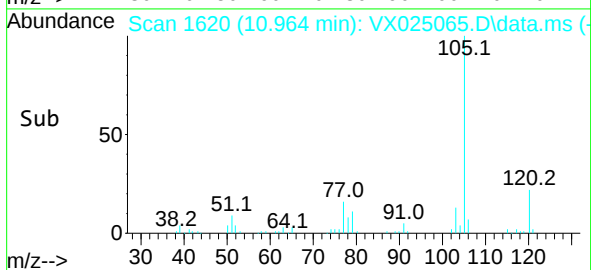
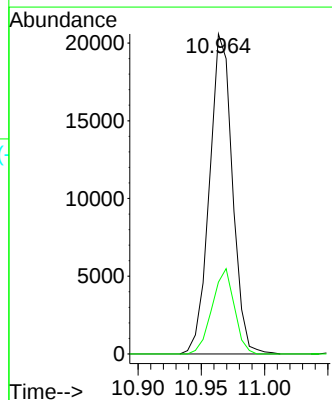
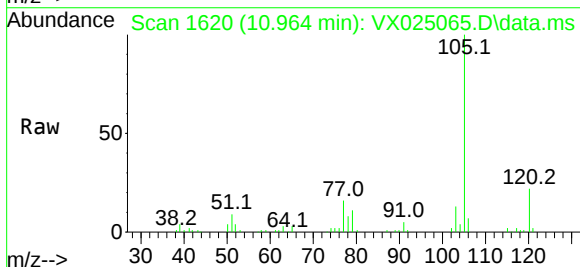
Manual Integrations
APPROVED

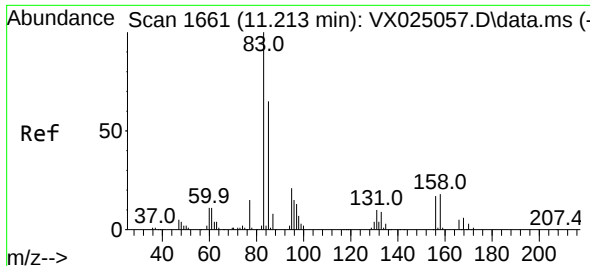
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#70
Isopropylbenzene
Concen: 4.153 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

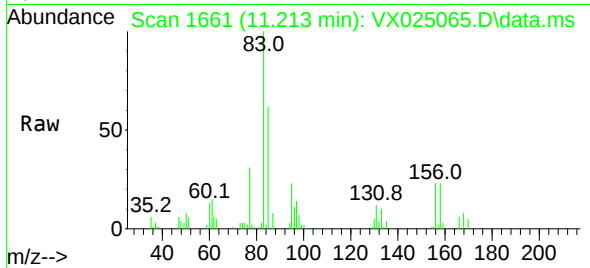
Tgt Ion:105 Resp: 25955
Ion Ratio Lower Upper
105 100
120 25.7 18.7 34.7





#71
1,1,2,2-Tetrachloroethane
Concen: 4.367 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

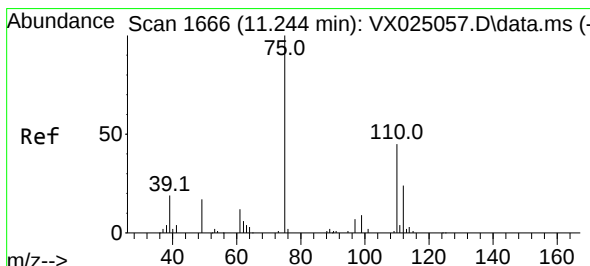
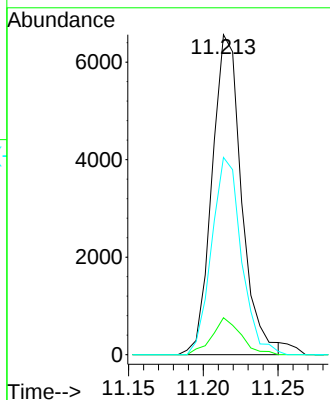
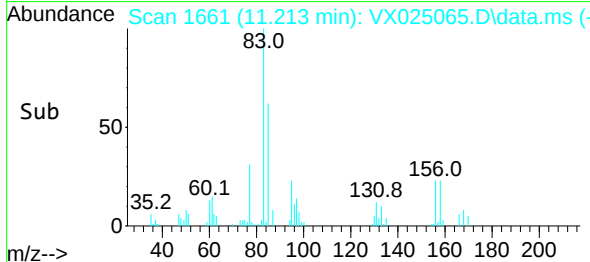
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2021



Tgt Ion: 83 Resp: 9010
Ion Ratio Lower Upper
83 100
131 11.3 5.1 15.4
85 62.1 32.4 97.2

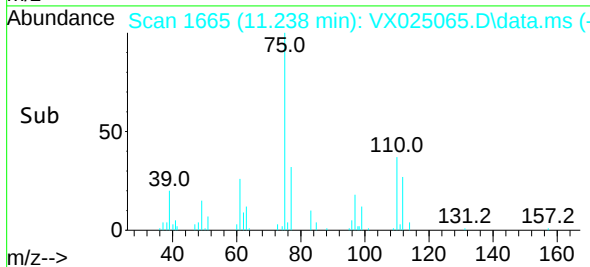
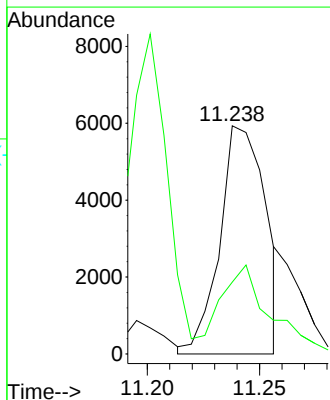
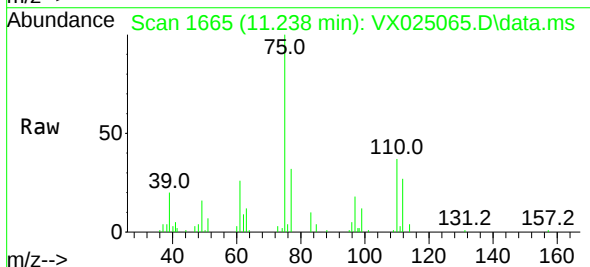
Manual Integrations
APPROVED

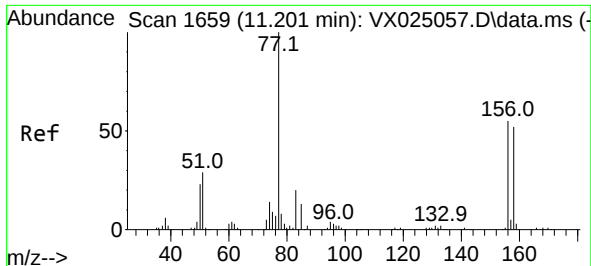
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#72
1,2,3-Trichloropropane
Concen: 4.232 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

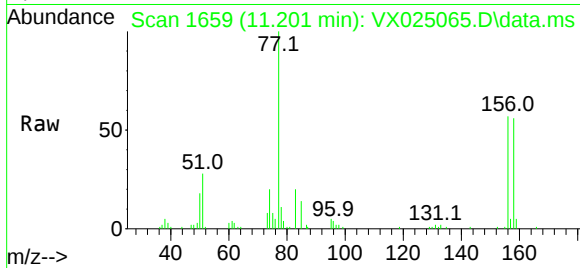
Tgt Ion: 75 Resp: 8456
Ion Ratio Lower Upper
75 100
77 42.7 0.0 77.4





#73
Bromobenzene
Concen: 4.506 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

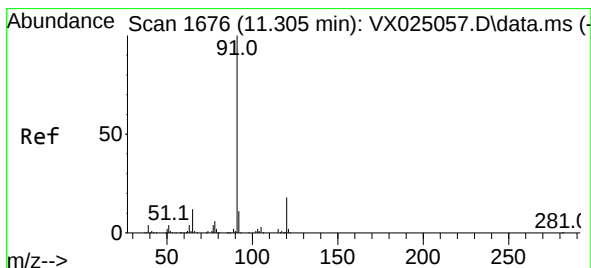
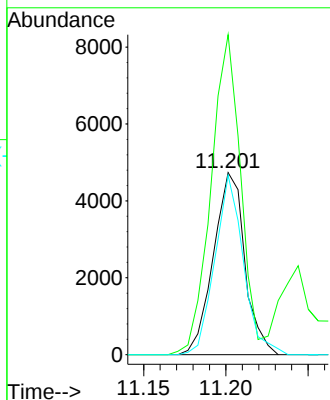
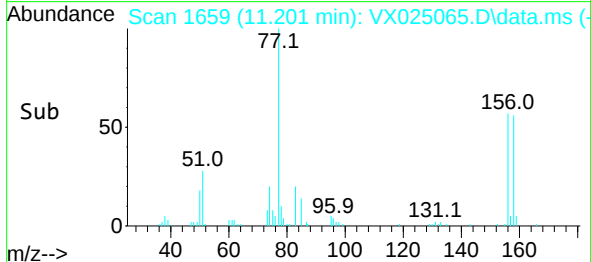
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2021



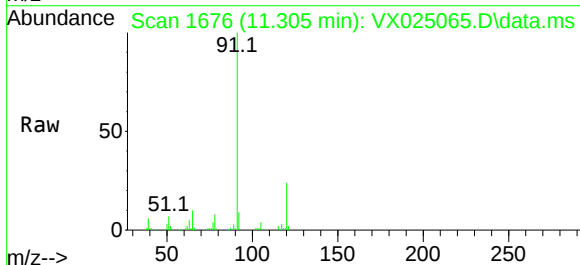
Tgt Ion:156 Resp: 629
Ion Ratio Lower Upper
156 100
77 164.7 0.0 303.2
158 89.1 0.0 197.2

Manual Integrations
APPROVED

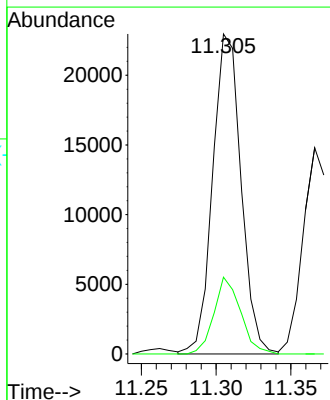
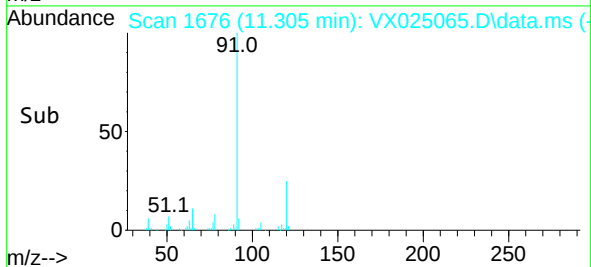
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

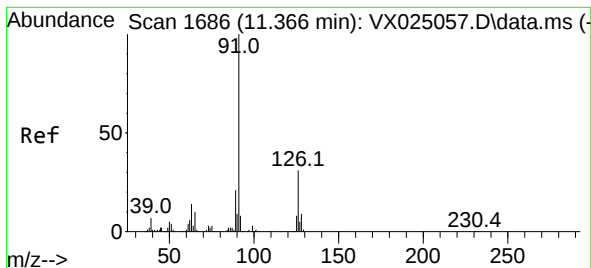


#74
n-propylbenzene
Concen: 4.090 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27



Tgt Ion: 91 Resp: 30318
Ion Ratio Lower Upper
91 100
120 22.5 0.0 46.0





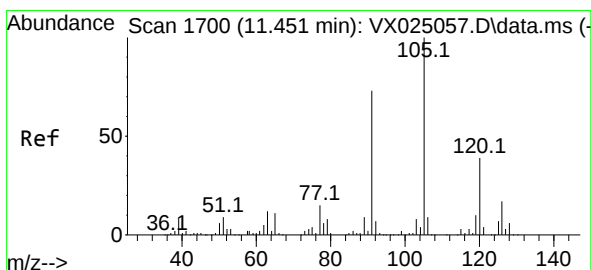
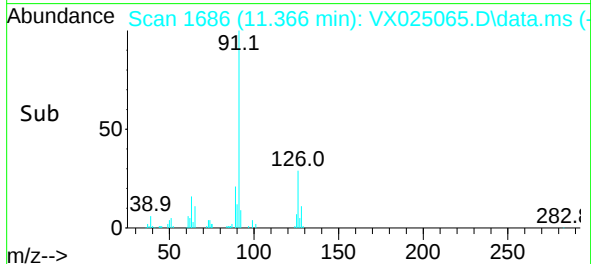
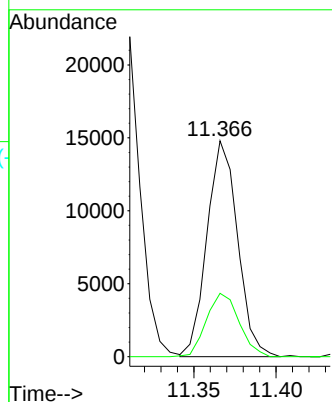
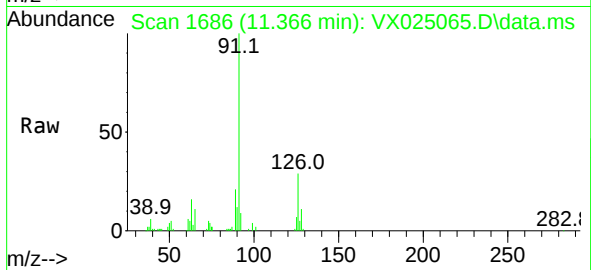
#75
2-Chlorotoluene
Concen: 4.122 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion: 91 Resp: 19149
Ion Ratio Lower Upper
91 100
126 31.2 0.0 69.0

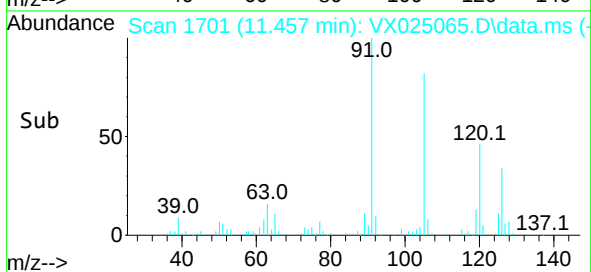
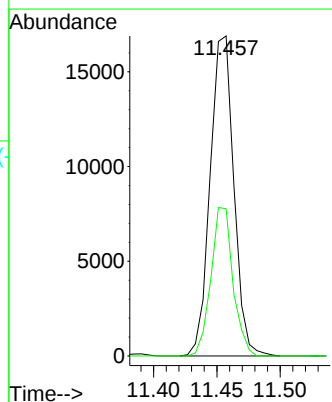
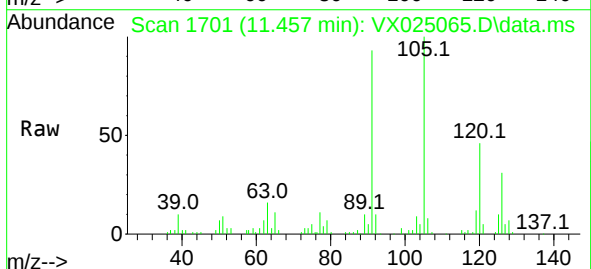
Manual Integrations
APPROVED

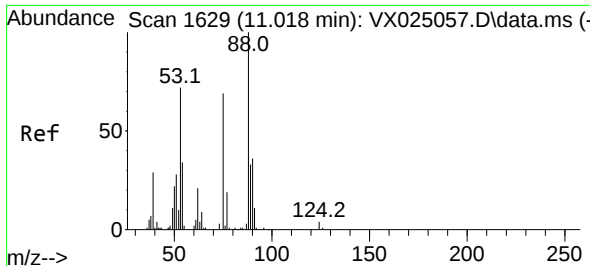
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#76
1,3,5-Trimethylbenzene
Concen: 4.032 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

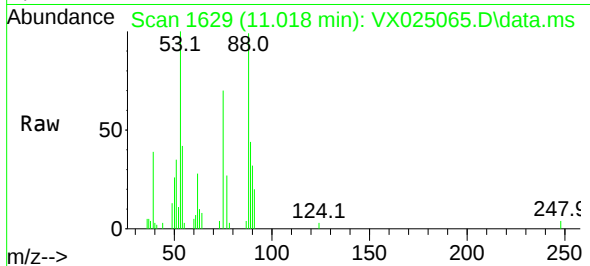
Tgt Ion:105 Resp: 21980
Ion Ratio Lower Upper
105 100
120 43.2 0.0 98.0





#77
t-1,4-Dichloro-2-butene
Concen: 3.325 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

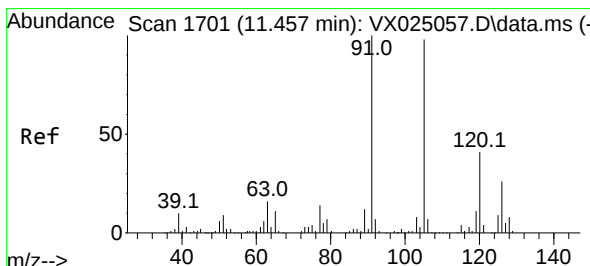
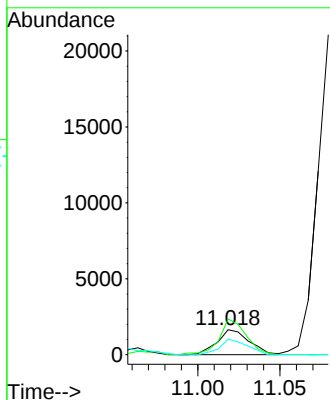
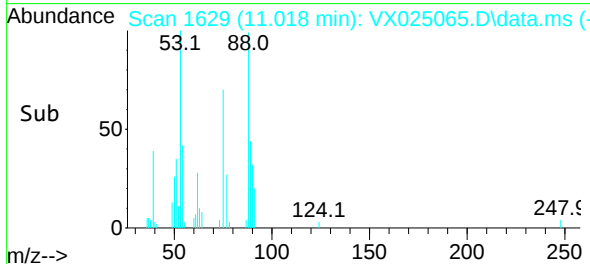
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 75 Resp: 223
Ion Ratio Lower Upper
75 100
53 142.4 53.9 161.7
89 62.3 22.9 68.7

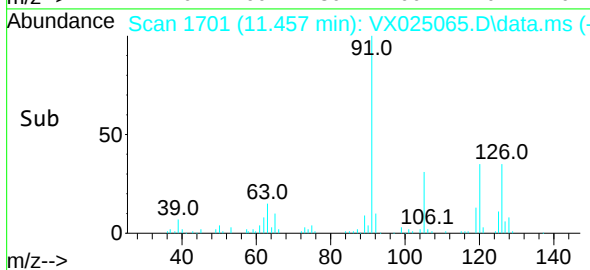
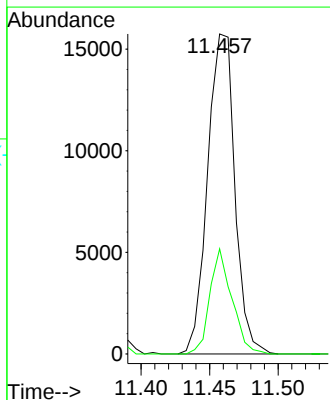
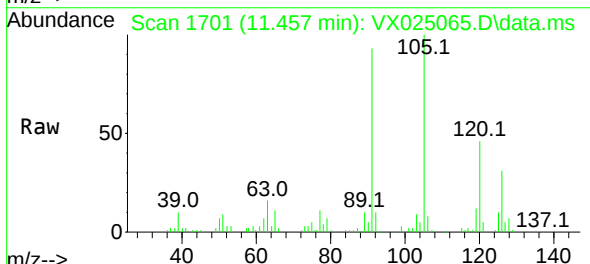
Manual Integrations
APPROVED

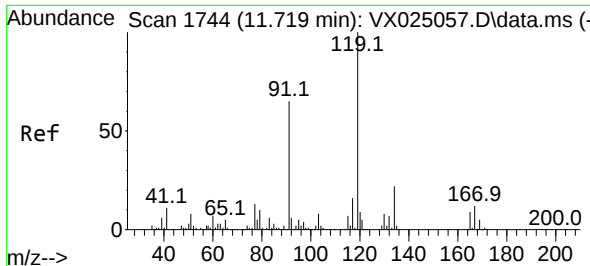
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#78
4-Chlorotoluene
Concen: 4.116 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

Tgt Ion: 91 Resp: 21820
Ion Ratio Lower Upper
91 100
126 26.5 0.0 59.6





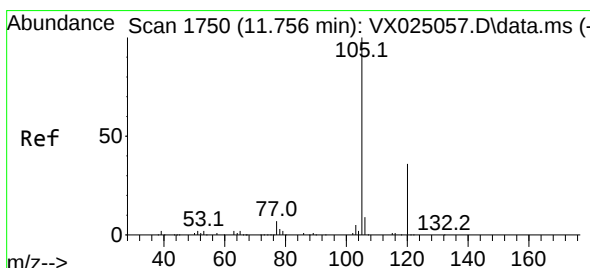
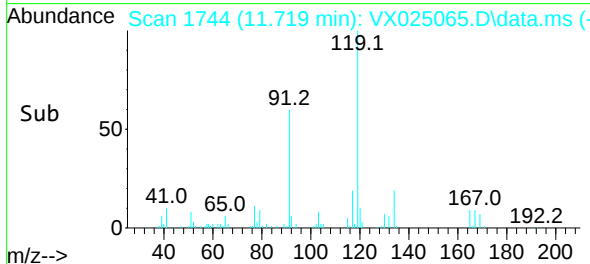
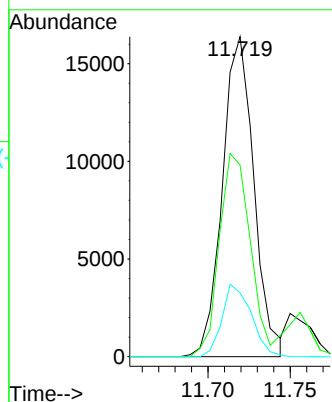
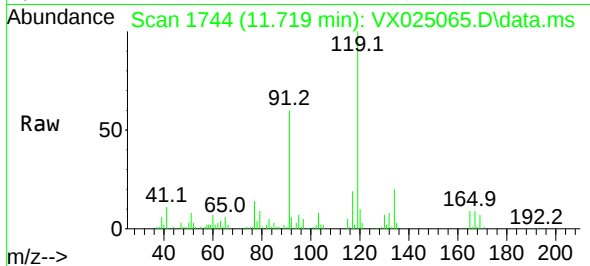
#79
tert-butylbenzene
Concen: 4.252 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2021

Tgt Ion:119 Resp: 2183
Ion Ratio Lower Upper
119 100
91 62.3 0.0 121.2
134 21.0 0.0 47.4

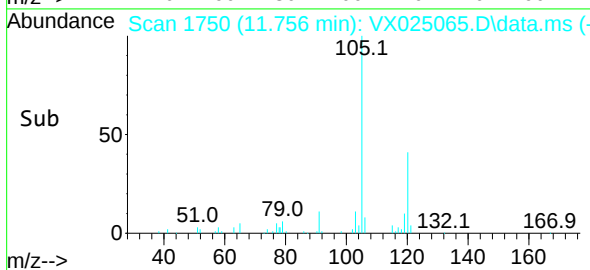
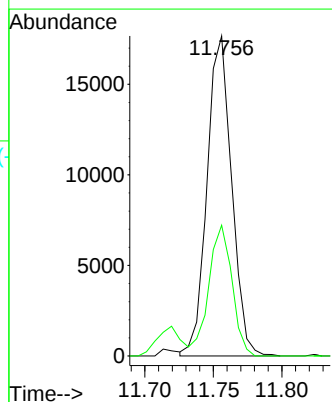
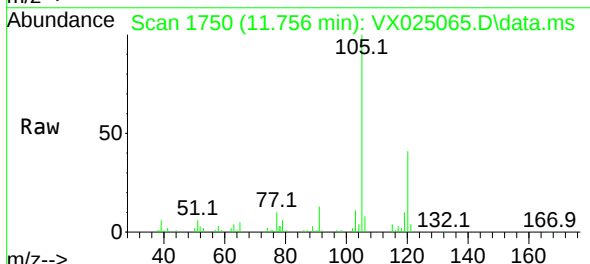
Manual Integrations
APPROVED

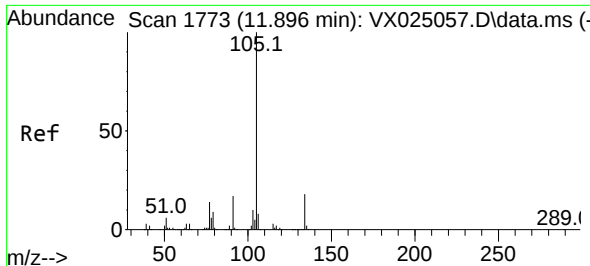
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#80
1,2,4-Trimethylbenzene
Concen: 4.119 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

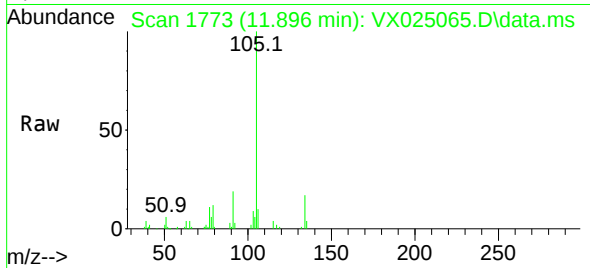
Tgt Ion:105 Resp: 22078
Ion Ratio Lower Upper
105 100
120 38.5 0.0 90.4





#81
 sec-Butylbenzene
 Concen: 4.050 ug/l
 RT: 11.896 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VX025065.D
 Acq: 03 Nov 2021 22:27

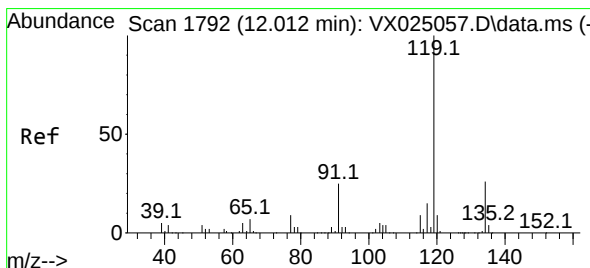
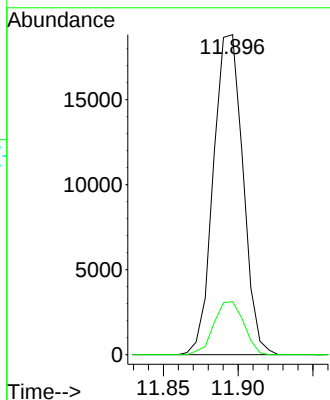
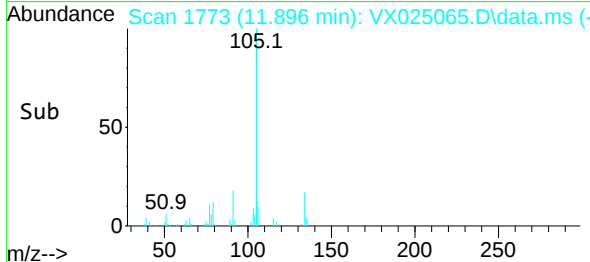
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2021



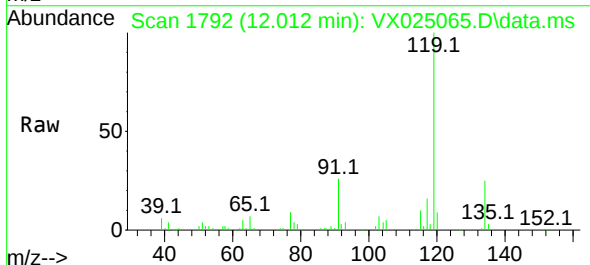
Tgt Ion:105 Resp: 25879
 Ion Ratio Lower Upper
 105 100
 134 16.8 0.0 40.2

Manual Integrations
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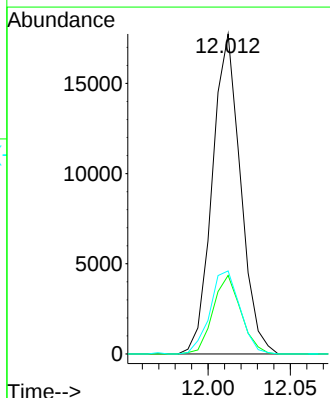
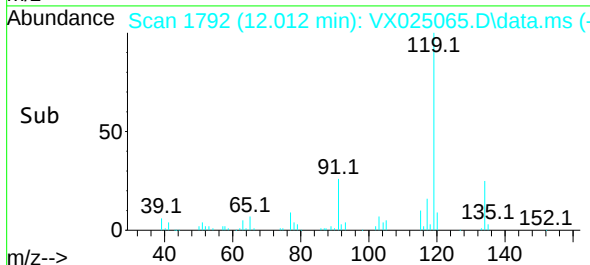
Reviewed By :John Carlone 11/04/2021
 Supervised By :Mahesh Dadoda 11/10/2021

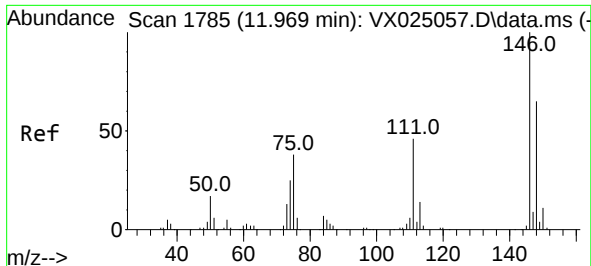


#82
 p-Isopropyltoluene
 Concen: 3.995 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX025065.D
 Acq: 03 Nov 2021 22:27



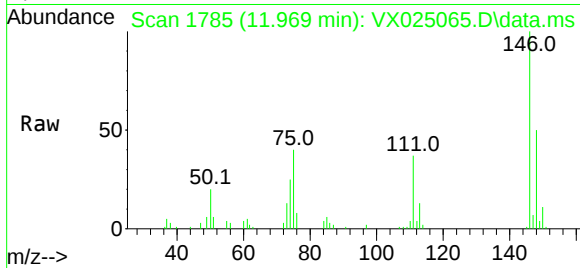
Tgt Ion:119 Resp: 21174
 Ion Ratio Lower Upper
 119 100
 134 24.1 0.0 52.8
 91 27.6 0.0 48.6





#83
1,3-Dichlorobenzene
Concen: 4.032 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

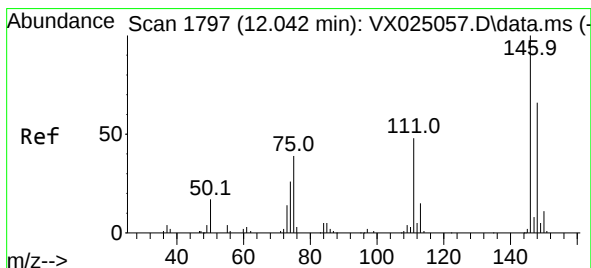
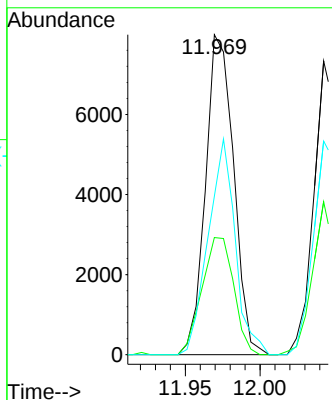
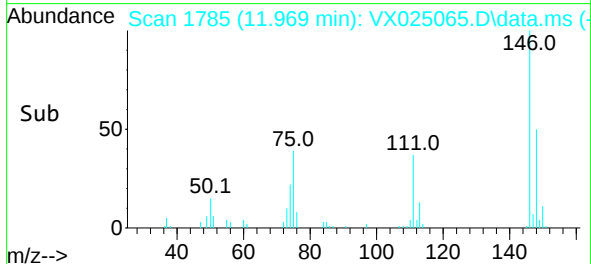
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2021



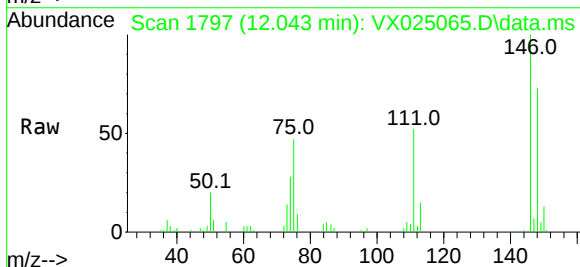
Tgt Ion:146 Resp: 10472
Ion Ratio Lower Upper
146 100
111 41.3 20.1 60.2
148 64.8 31.9 95.5

Manual Integrations
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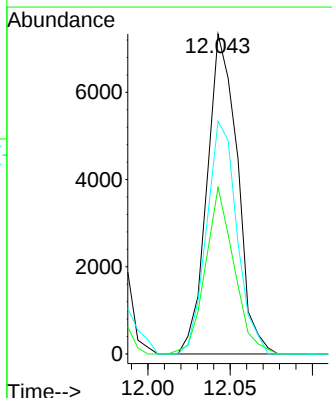
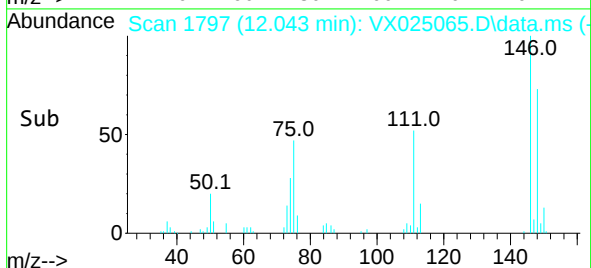
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

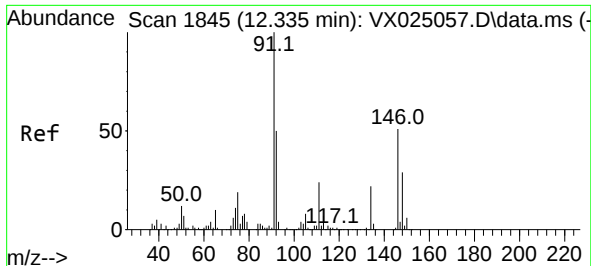


#84
1,4-Dichlorobenzene
Concen: 3.629 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27



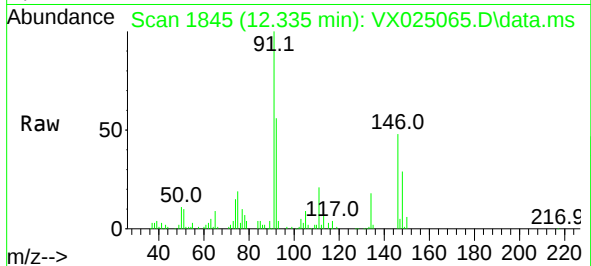
Tgt Ion:146 Resp: 9386
Ion Ratio Lower Upper
146 100
111 49.1 18.9 56.9
148 73.0 31.4 94.2





#85
n-Butylbenzene
Concen: 3.757 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

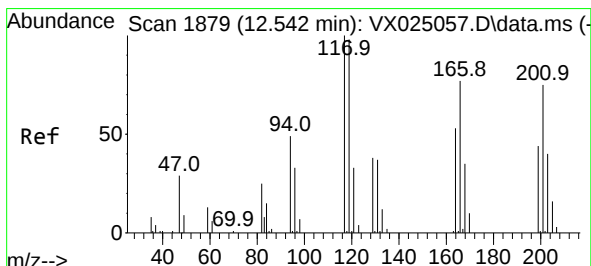
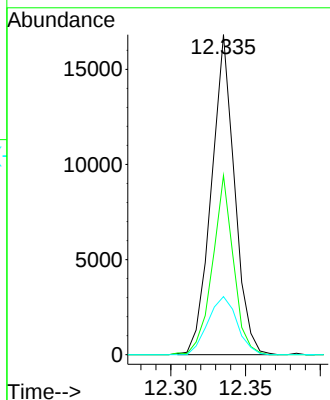
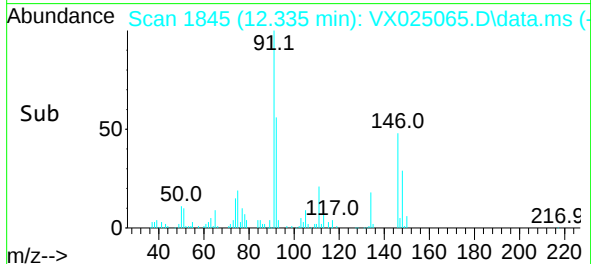
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2021



Tgt Ion: 91 Resp: 1815
Ion Ratio Lower Upper
91 100
92 50.3 0.0 105.4
134 22.7 0.0 52.4

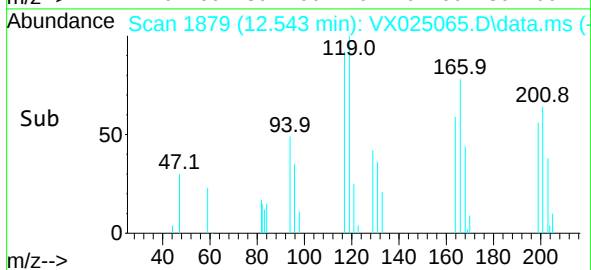
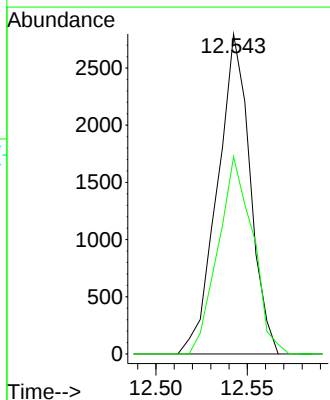
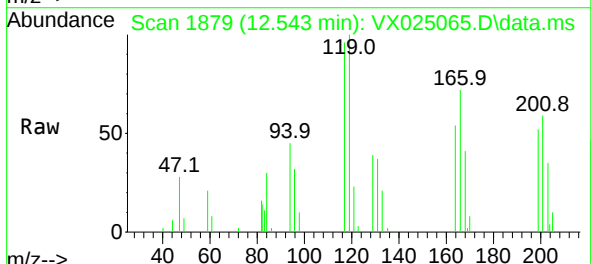
Manual Integrations
APPROVED

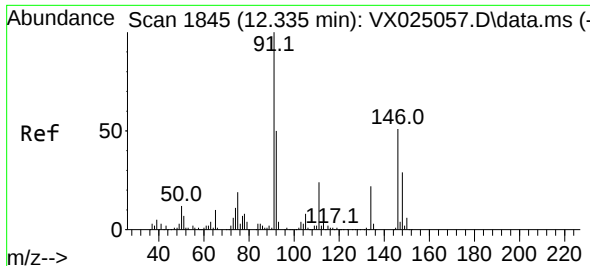
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#86
Hexachloroethane
Concen: 3.675 ug/l
RT: 12.543 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

Tgt Ion:117 Resp: 3472
Ion Ratio Lower Upper
117 100
201 65.7 37.5 112.5





#87

1,2-Dichlorobenzene

Concen: 3.996 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX025065.D

Acq: 03 Nov 2021 22:27

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2021

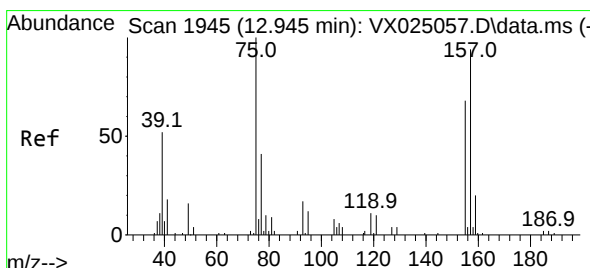
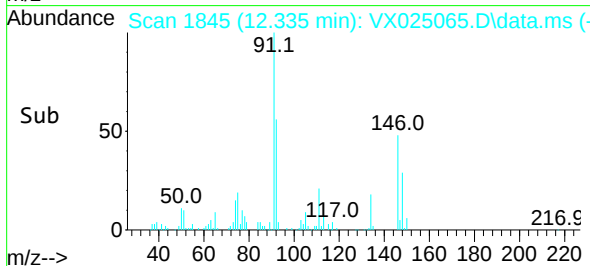
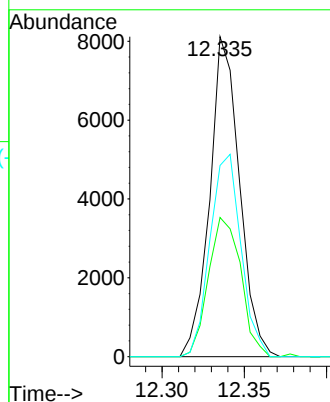
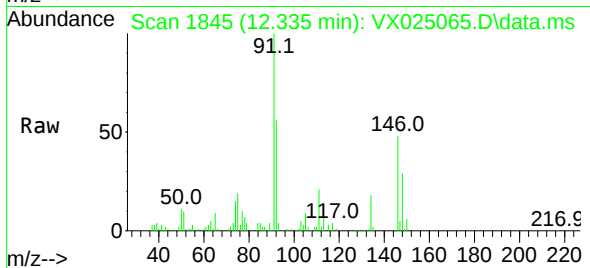
Tgt Ion:	146	Resp:	10219
Ion Ratio	Lower	Upper	
146	100		
111	47.4	20.7	62.1
148	65.8	32.6	97.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2021

Supervised By :Mahesh Dadoda 11/10/2021



#88

1,2-Dibromo-3-Chloropropane

Concen: 4.132 ug/l

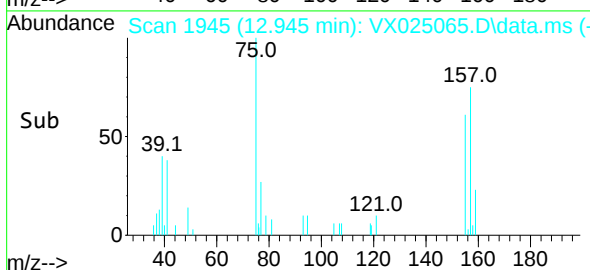
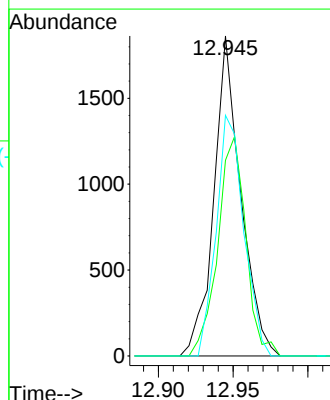
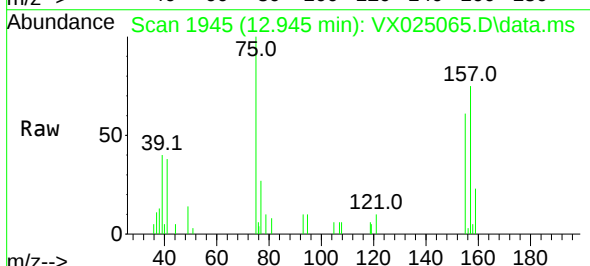
RT: 12.945 min Scan# 1945

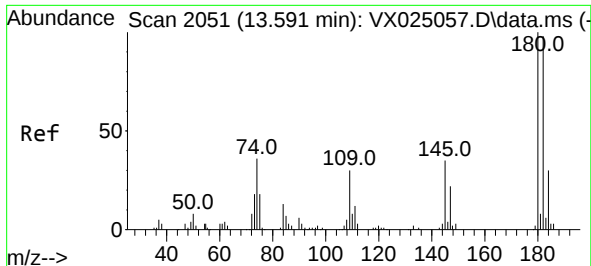
Delta R.T. 0.000 min

Lab File: VX025065.D

Acq: 03 Nov 2021 22:27

Tgt Ion:	75	Resp:	2332
Ion Ratio	Lower	Upper	
75	100		
155	71.4	67.4	101.2
157	77.0	85.8	128.8





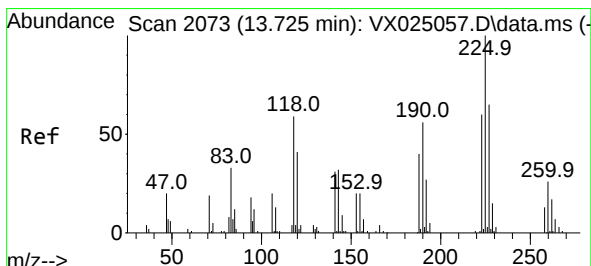
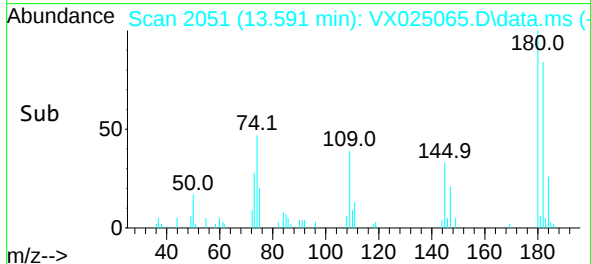
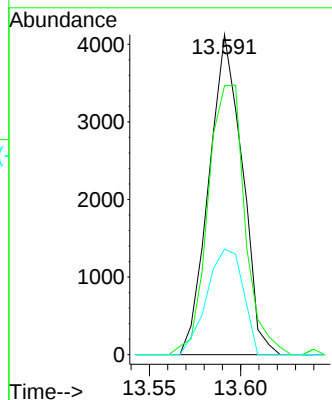
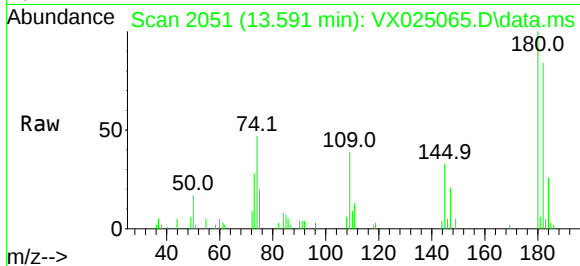
#89
1,2,4-Trichlorobenzene
Concen: 3.385 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:180 Resp: 5244
Ion Ratio Lower Upper
180 100
182 92.9 75.9 113.9
145 35.9 24.2 36.4

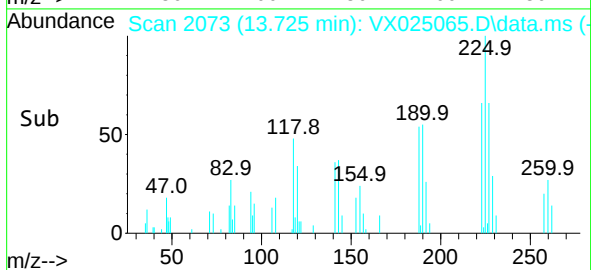
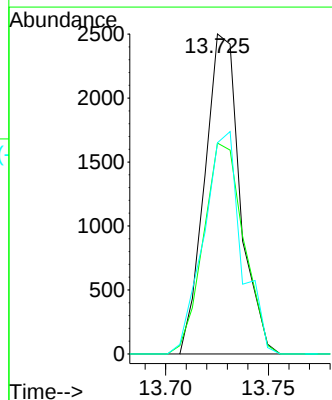
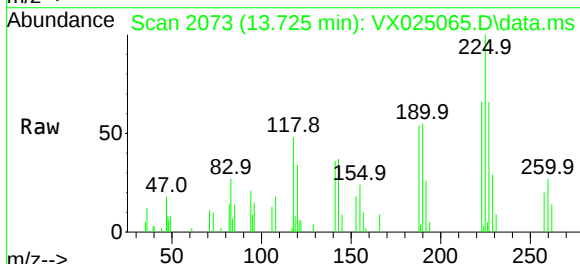
Manual Integrations
APPROVED

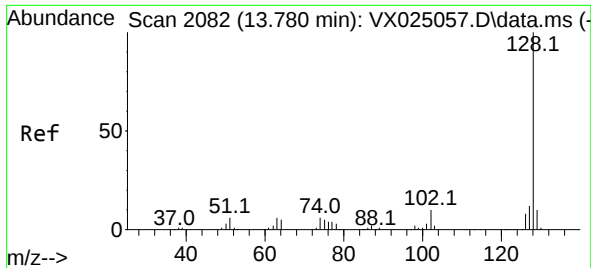
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#90
Hexachlorobutadiene
Concen: 3.826 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

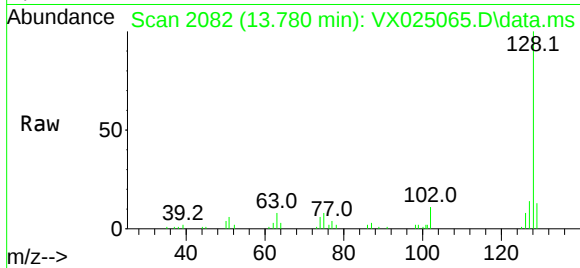
Tgt Ion:225 Resp: 2994
Ion Ratio Lower Upper
225 100
223 75.1 0.0 126.4
227 74.3 0.0 125.0





#91
Naphthalene
Concen: 2.636 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27

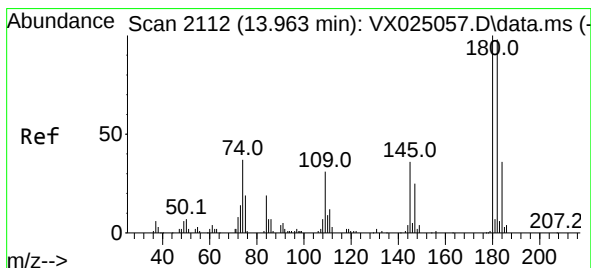
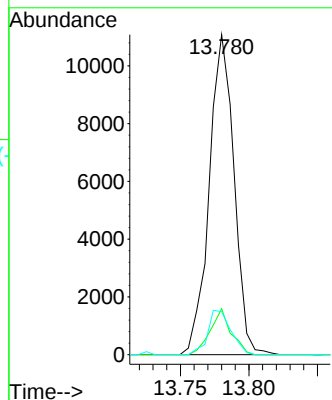
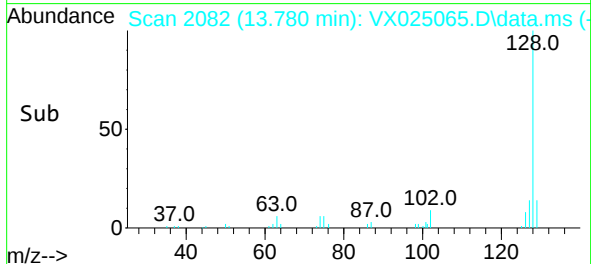
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2021



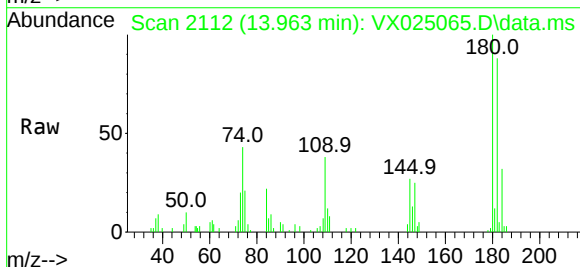
Tgt Ion:128 Resp: 1395
Ion Ratio Lower Upper
128 100
127 12.1 10.1 15.1
129 13.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#92
1,2,3-Trichlorobenzene
Concen: 3.267 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX025065.D
Acq: 03 Nov 2021 22:27



Tgt Ion:180 Resp: 5162
Ion Ratio Lower Upper
180 100
182 94.0 0.0 193.4
145 30.8 0.0 64.4

