

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032522\
 Data File : VX027713.D
 Acq On : 25 Mar 2022 22:01
 Operator : JC/MD
 Sample : N1645-08 1.0 LOQ
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2022

Quant Time: Mar 26 07:04:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 06:55:17 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/26/2022
 Supervised By : Mahesh Dadoda 03/28/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	56179	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	101967	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	87709	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	36996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	57651	62.568	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 125.140%			
35) Dibromofluoromethane	5.391	113	36893	55.096	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 110.200%			
50) Toluene-d8	8.653	98	133840	51.706	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.420%			
62) 4-Bromofluorobenzene	11.086	95	50725	48.295	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.580%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	535	0.821	ug/l	88
3) Chloromethane	1.295	50	807	1.195	ug/l	93
4) Vinyl Chloride	1.374	62	663	1.022	ug/l	92
5) Bromomethane	1.599	94	567	2.178	ug/l	94
6) Chloroethane	1.691	64	440m	1.057	ug/l	
7) Trichlorofluoromethane	1.886	101	1118	1.168	ug/l	88
8) Diethyl Ether	2.136	74	429	1.242	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	577	0.901	ug/l #	89
10) Methyl Iodide	2.447	142	700	1.119	ug/l #	77
11) Tert butyl alcohol	2.977	59	1008	5.876	ug/l #	80
12) 1,1-Dichloroethene	2.319	96	753	1.262	ug/l #	84
13) Acrolein	2.240	56	721	6.004	ug/l #	79
14) Allyl chloride	2.660	41	1175	1.041	ug/l #	79
15) Acrylonitrile	3.069	53	2600	6.188	ug/l	97
16) Acetone	2.380	43	2435	6.249	ug/l #	88
17) Carbon Disulfide	2.508	76	1634	1.021	ug/l #	92
18) Methyl Acetate	2.709	43	1193	1.197	ug/l	90
19) Methyl tert-butyl Ether	3.117	73	2419	1.104	ug/l #	89
20) Methylene Chloride	2.788	84	877	1.261	ug/l #	85
21) trans-1,2-Dichloroethene	3.093	96	748	1.127	ug/l	93
22) Diisopropyl ether	3.764	45	2295	1.020	ug/l #	55
23) Vinyl Acetate	3.727	43	9555	4.858	ug/l #	91
24) 1,1-Dichloroethane	3.605	63	1433	1.124	ug/l #	81
25) 2-Butanone	4.568	43	2812	4.493	ug/l #	71
26) 2,2-Dichloropropane	4.489	77	626	0.642	ug/l #	73
27) cis-1,2-Dichloroethene	4.489	96	901	1.219	ug/l	89
28) Bromochloromethane	4.910	49	582	1.145	ug/l #	58
29) Tetrahydrofuran	5.020	42	2032	5.503	ug/l #	75
30) Chloroform	5.099	83	1368	1.071	ug/l	91
31) Cyclohexane	5.477	56	1361	1.218	ug/l #	69
32) 1,1,1-Trichloroethane	5.373	97	1217m	1.072	ug/l	
36) 1,1-Dichloropropene	5.708	75	1115	1.054	ug/l #	77
37) Ethyl Acetate	4.733	43	1053	0.855	ug/l #	67
38) Carbon Tetrachloride	5.672	117	977	0.945	ug/l #	77
39) Methylcyclohexane	7.379	83	1210	0.995	ug/l	95
40) Benzene	6.044	78	3131	1.072	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.946	41	513	0.796	ug/l #	58
42) 1,2-Dichloroethane	6.092	62	1321	1.064	ug/l #	73
43) Isopropyl Acetate	6.349	43	2012	1.082	ug/l #	86
44) Trichloroethene	7.129	130	754	0.997	ug/l	84
45) 1,2-Dichloropropane	7.440	63	787	1.026	ug/l	89
46) Dibromomethane	7.586	93	580	1.057	ug/l #	78
47) Bromodichloromethane	7.830	83	1091	1.015	ug/l #	77
48) Methyl methacrylate	7.708	41	946	1.030	ug/l #	80
49) 1,4-Dioxane	7.671	88	424	21.617	ug/l #	83
51) 4-Methyl-2-Pentanone	8.580	43	6436	5.043	ug/l	90
52) Toluene	8.720	92	1809	0.990	ug/l	91
53) t-1,3-Dichloropropene	8.982	75	941	0.884	ug/l #	65
54) cis-1,3-Dichloropropene	8.373	75	905	0.764	ug/l #	82
55) 1,1,2-Trichloroethane	9.159	97	679	0.915	ug/l #	81
56) Ethyl methacrylate	9.116	69	1037	0.855	ug/l #	56
57) 1,3-Dichloropropane	9.318	76	1340	1.001	ug/l	89
58) 2-Chloroethyl Vinyl ether	8.245	63	2900	4.670	ug/l #	86
59) 2-Hexanone	9.433	43	4944	4.957	ug/l	79
60) Dibromochloromethane	9.525	129	654	0.911	ug/l	83
61) 1,2-Dibromoethane	9.610	107	718	0.906	ug/l	95
64) Tetrachloroethene	9.275	164	711	1.080	ug/l	99
65) Chlorobenzene	10.086	112	1947	1.054	ug/l #	82
66) 1,1,1,2-Tetrachloroethane	10.171	131	678	1.068	ug/l #	60
67) Ethyl Benzene	10.195	91	3392	0.986	ug/l	97
68) m/p-Xylenes	10.305	106	2492	1.998	ug/l	87
69) o-Xylene	10.647	106	1230	0.981	ug/l	88
70) Styrene	10.659	104	1746	0.876	ug/l #	76
71) Bromoform	10.799	173	460	1.000	ug/l #	64
73) Isopropylbenzene	10.964	105	3059	1.007	ug/l	96
74) N-amyl acetate	10.848	43	1402	0.961	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	11.214	83	1159	1.082	ug/l #	95
76) 1,2,3-Trichloropropane	11.238	75	1182m	1.148	ug/l	
77) Bromobenzene	11.201	156	743	1.107	ug/l	80
78) n-propylbenzene	11.305	91	3595	0.997	ug/l	93
79) 2-Chlorotoluene	11.372	91	2511	1.105	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	2559	0.980	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.025	75	234m	0.773	ug/l	
82) 4-Chlorotoluene	11.457	91	2617	1.001	ug/l	92
83) tert-Butylbenzene	11.713	119	2457	1.024	ug/l	81
84) 1,2,4-Trimethylbenzene	11.756	105	2416	0.911	ug/l	99
85) sec-Butylbenzene	11.890	105	2952	0.939	ug/l	99
86) p-Isopropyltoluene	12.012	119	2267	0.916	ug/l #	81
87) 1,3-Dichlorobenzene	11.976	146	1433	1.142	ug/l	92
88) 1,4-Dichlorobenzene	12.049	146	1513m	1.164	ug/l	
89) n-Butylbenzene	12.341	91	2247	0.960	ug/l	87
90) Hexachloroethane	12.536	117	318	0.806	ug/l	87
91) 1,2-Dichlorobenzene	12.341	146	1377	1.131	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	12.945	75	216	0.823	ug/l	55
93) 1,2,4-Trichlorobenzene	13.591	180	679	0.946	ug/l	82
94) Hexachlorobutadiene	13.725	225	358	1.025	ug/l	89
95) Naphthalene	13.780	128	2296	0.871	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	744	1.038	ug/l	89

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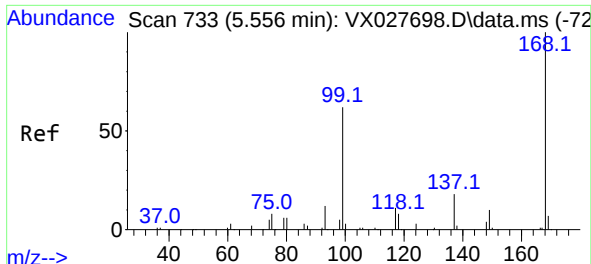
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2022

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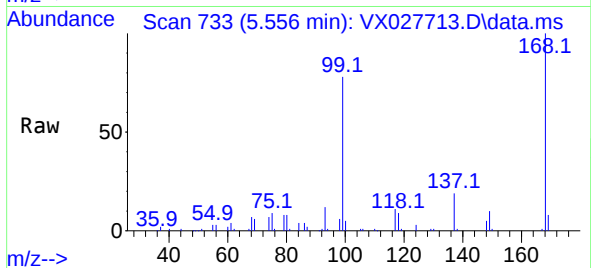
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.000 min
Lab File: VX027713.D
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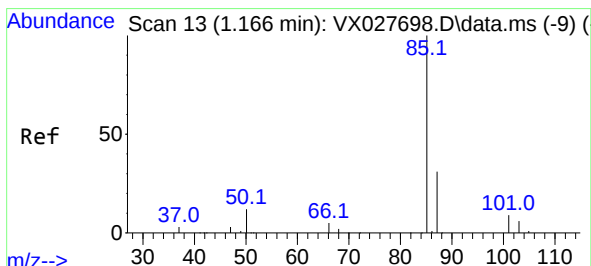
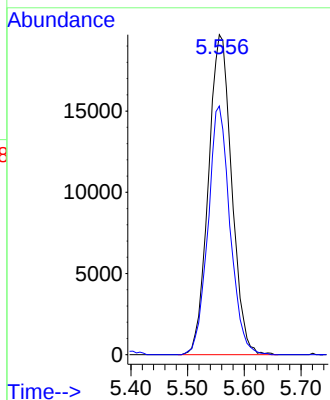
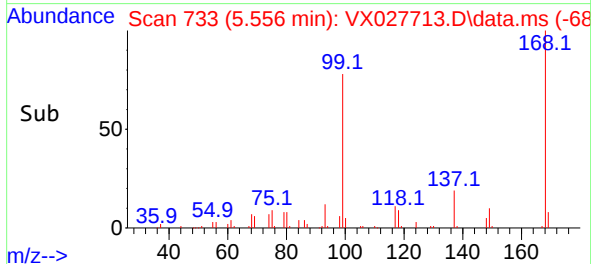
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2022



Tgt Ion:168 Resp: 56179
Ion Ratio Lower Upper
168 100
99 77.7 41.7 62.5

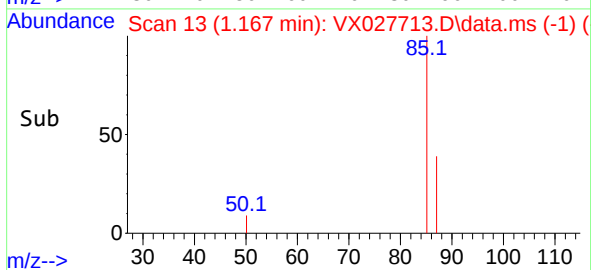
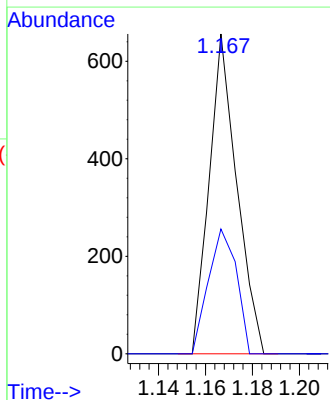
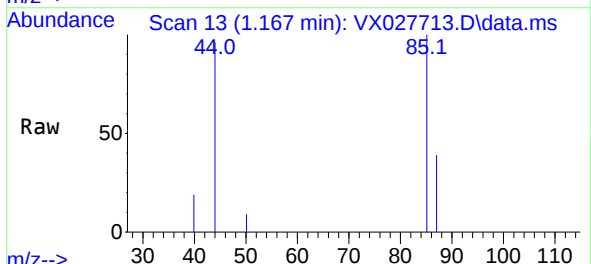
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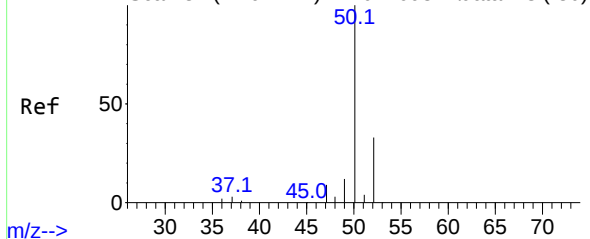


#2
Dichlorodifluoromethane
Concen: 0.821 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

Tgt Ion: 85 Resp: 535
Ion Ratio Lower Upper
85 100
87 39.0 16.2 48.6

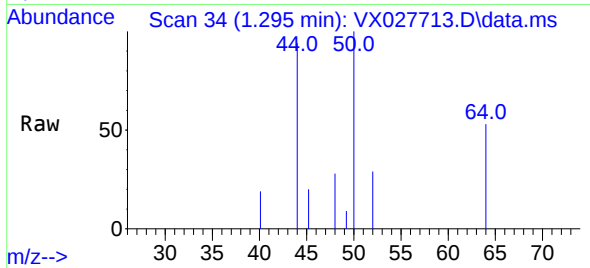


Abundance Scan 34 (1.294 min): VX027698.D\data.ms (-30)



#3
Chloromethane
Concen: 1.195 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

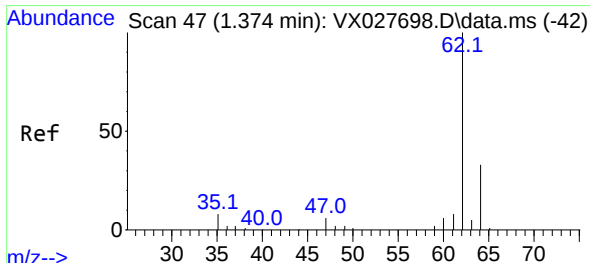
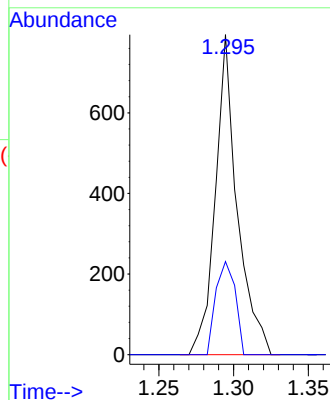
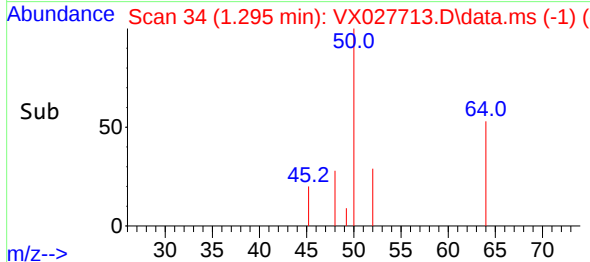
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2022



Tgt Ion: 50 Resp: 80
Ion Ratio Lower Upper
50 100
52 29.1 26.4 39.6

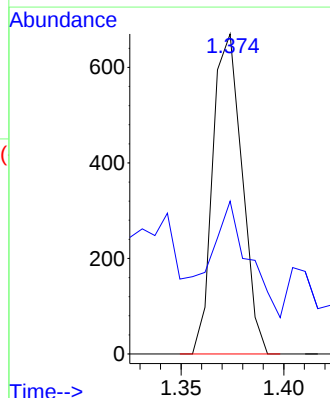
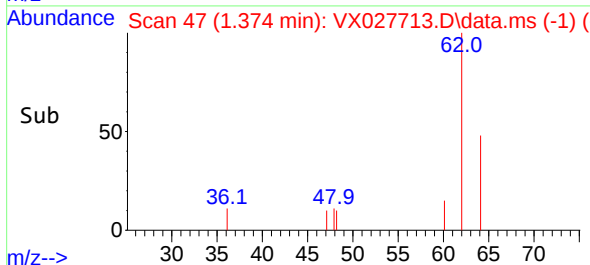
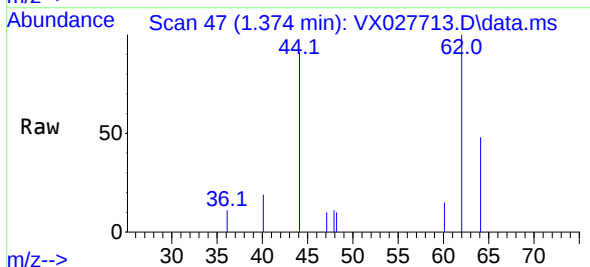
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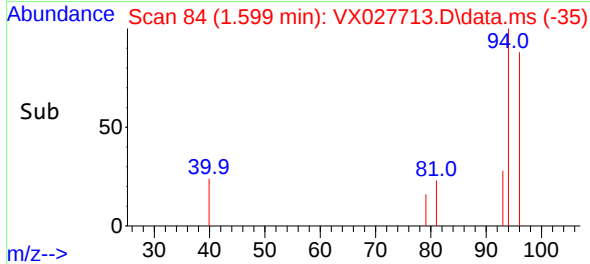
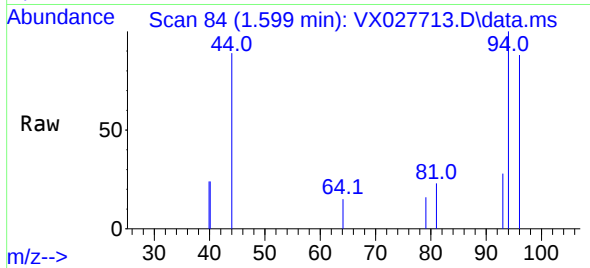
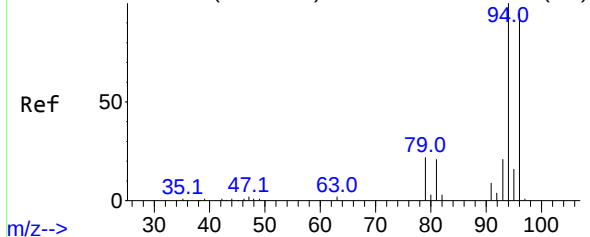


#4
Vinyl Chloride
Concen: 1.022 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

Tgt Ion: 62 Resp: 663
Ion Ratio Lower Upper
62 100
64 36.4 25.5 38.3



Abundance Scan 84 (1.599 min): VX027698.D\data.ms (-78)



#5

Bromomethane

Concen: 2.178 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX027713.D

Acq: 25 Mar 2022 22:01

Tgt Ion: 94 Resp: 56

Ion Ratio Lower Upper

94 100

96 87.9 75.3 112.9

Instrument :

MSVOA_X

ClientSampleId :

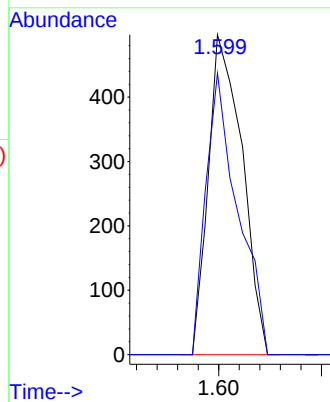
LOQ-WATER-02-QT1-2022

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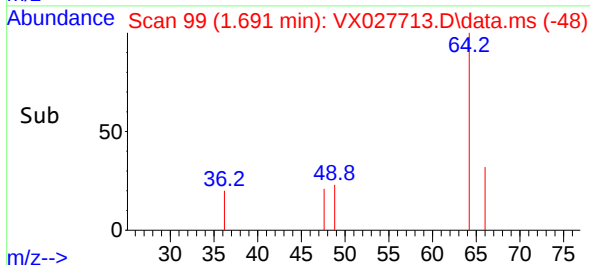
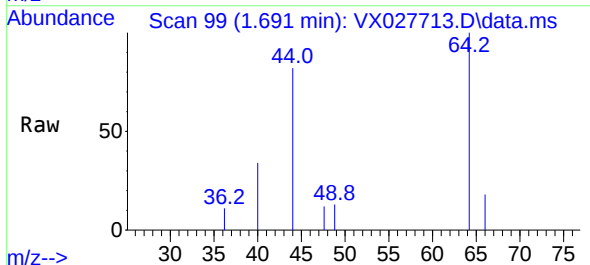
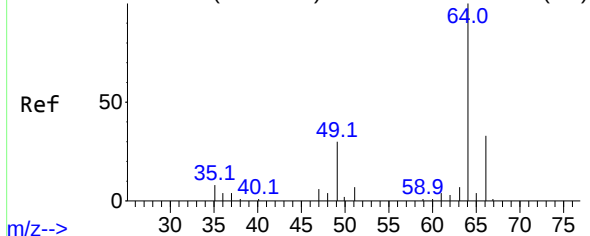
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Abundance Scan 97 (1.678 min): VX027698.D\data.ms (-88)



#6

Chloroethane

Concen: 1.057 ug/l m

RT: 1.691 min Scan# 99

Delta R.T. 0.013 min

Lab File: VX027713.D

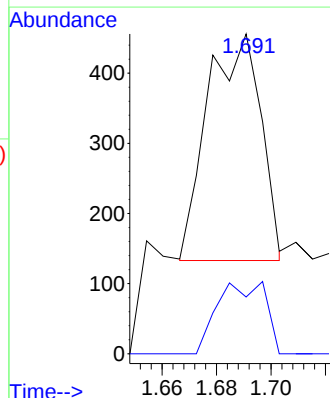
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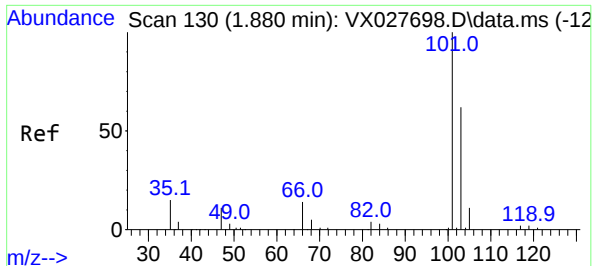
Tgt Ion: 64 Resp: 440

Ion Ratio Lower Upper

64 100

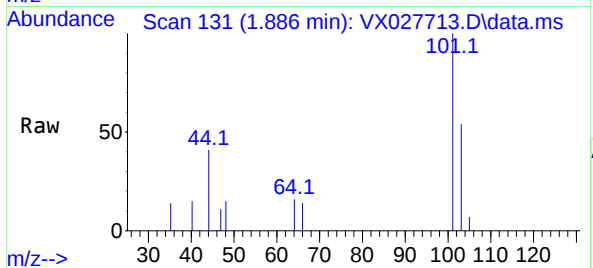
66 17.8 25.3 37.9#





#7
Trichlorofluoromethane
Concen: 1.168 ug/l
RT: 1.886 min Scan# 118
Delta R.T. 0.006 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

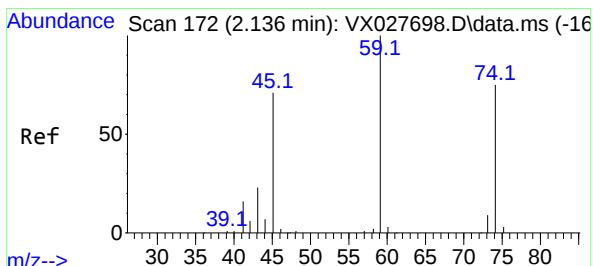
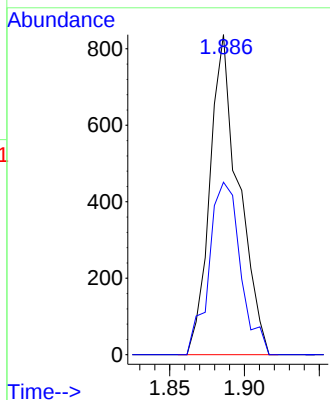
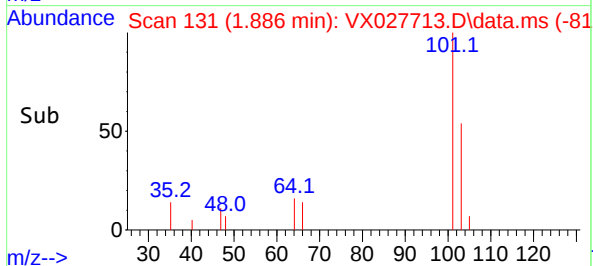
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2022



Tgt Ion:101 Resp: 1118
Ion Ratio Lower Upper
101 100
103 53.9 50.5 75.7

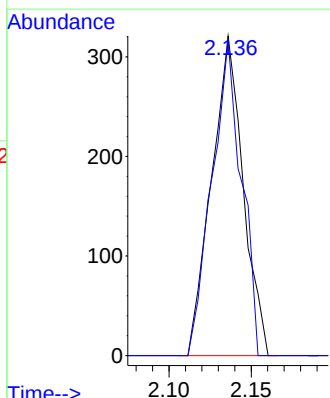
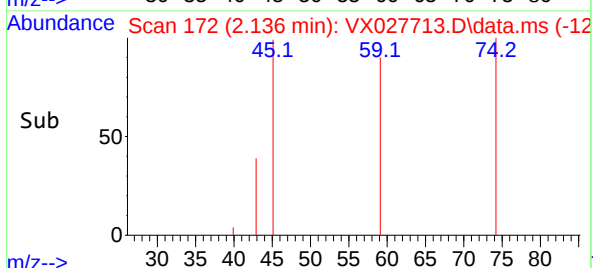
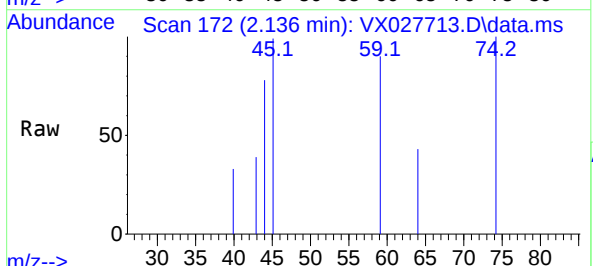
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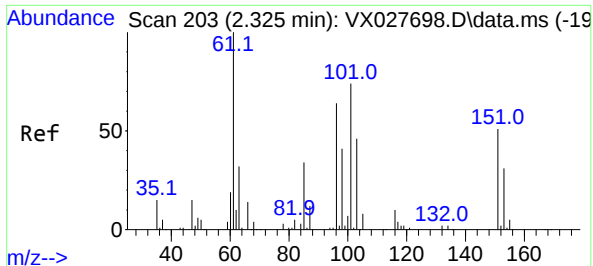
Reviewed By :John Carlone 03/26/2022
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#8
Diethyl Ether
Concen: 1.242 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

Tgt Ion: 74 Resp: 429
Ion Ratio Lower Upper
74 100
45 92.3 42.0 126.0





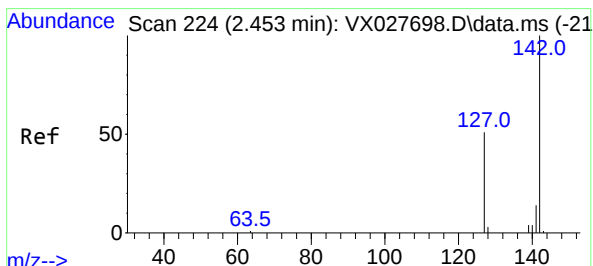
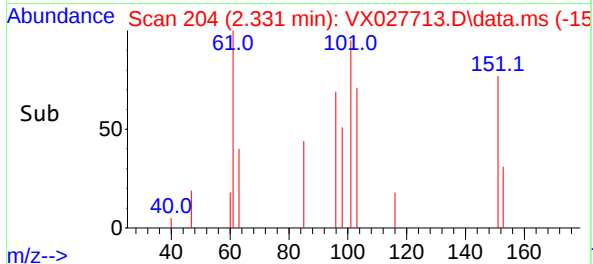
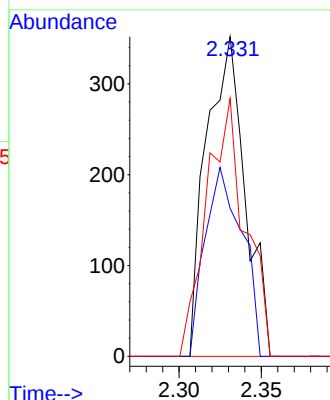
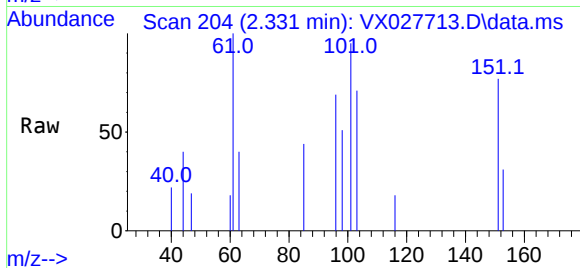
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.901 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion:101 Resp: 57
Ion Ratio Lower Upper
101 100
85 56.7 33.5 50.3
151 80.2 61.8 92.6

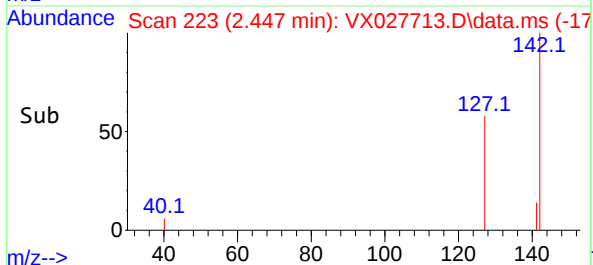
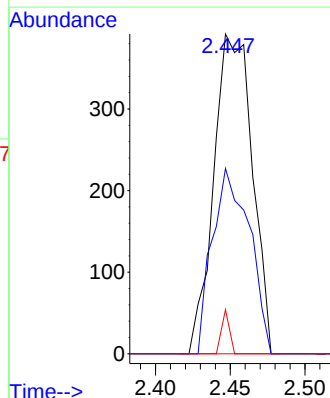
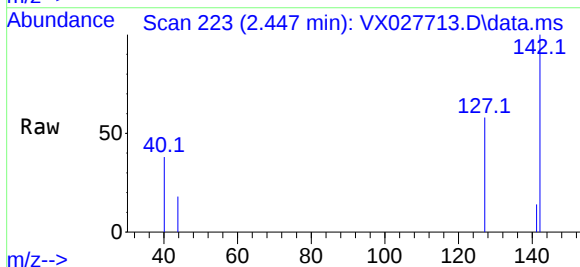
Manual Integrations
APPROVED

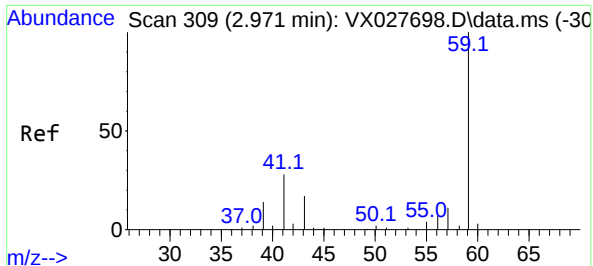
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#10
Methyl Iodide
Concen: 1.119 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

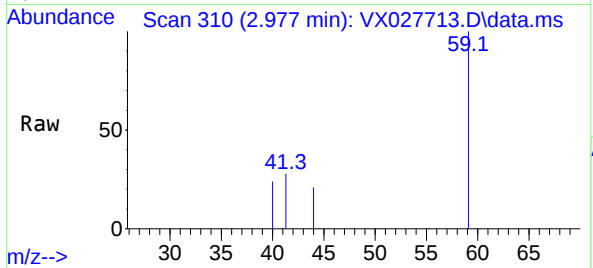
Tgt Ion:142 Resp: 700
Ion Ratio Lower Upper
142 100
127 55.9 33.9 50.9#
141 2.9 11.4 17.2#





#11
Tert butyl alcohol
Concen: 5.876 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.006 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

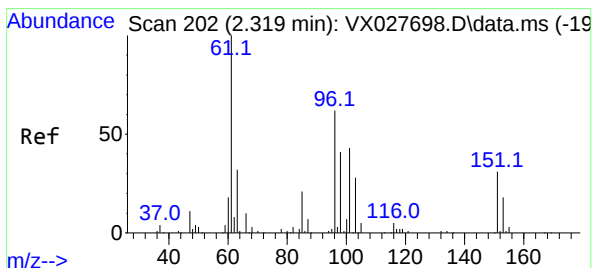
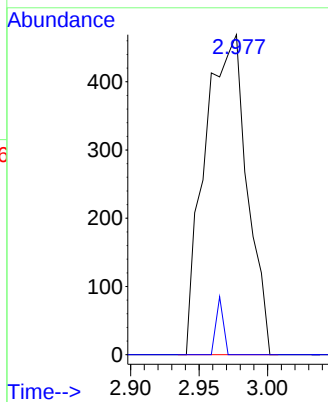
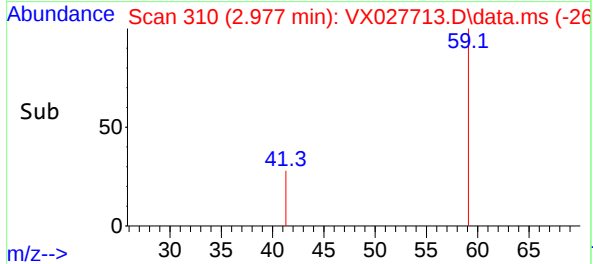
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2022



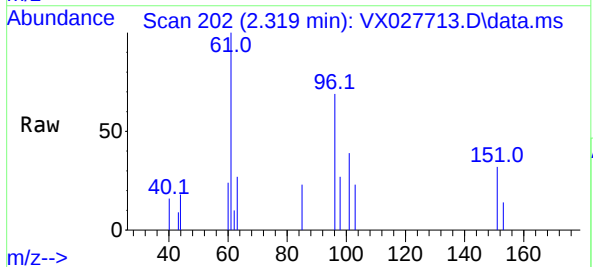
Tgt Ion: 59 Resp: 100
Ion Ratio Lower Upper
59 100
57 3.1 8.3 12.5

Manual Integrations
APPROVED

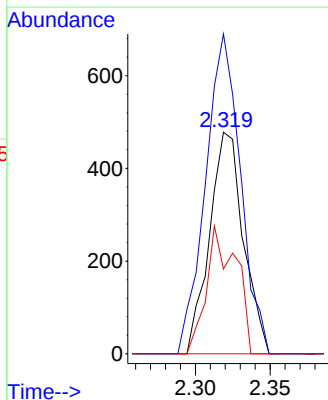
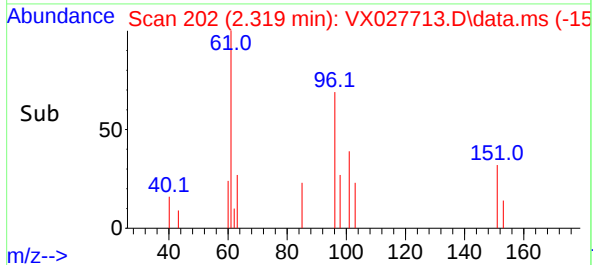
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



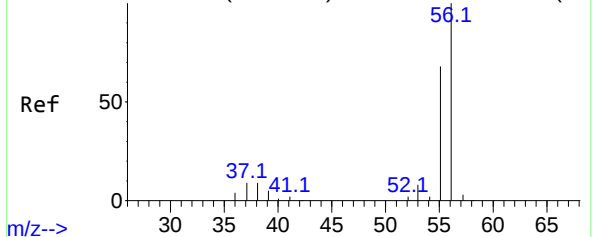
#12
1,1-Dichloroethene
Concen: 1.262 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01



Tgt Ion: 96 Resp: 753
Ion Ratio Lower Upper
96 100
61 144.4 124.6 187.0
98 38.3 51.0 76.4



Abundance Scan 188 (2.233 min): VX027698.D\data.ms (-18



#13

Acrolein

Concen: 6.004 ug/l

RT: 2.240 min Scan# 11

Delta R.T. 0.007 min

Lab File: VX027713.D

Acq: 25 Mar 2022 22:01

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2022

Tgt Ion: 56 Resp: 72

Ion Ratio Lower Upper

56 100

55 85.7 55.0 82.6

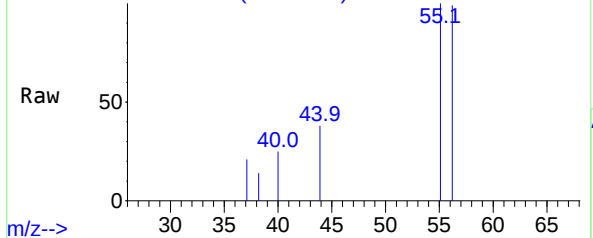
Manual Integrations

APPROVED

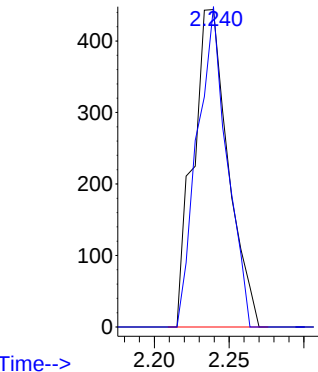
Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022

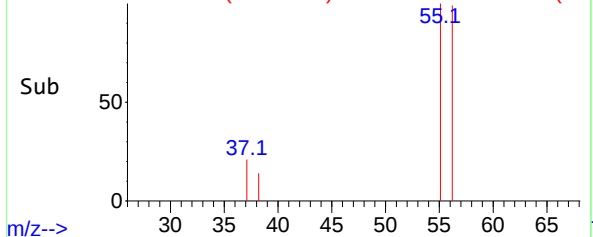
Abundance Scan 189 (2.240 min): VX027713.D\data.ms



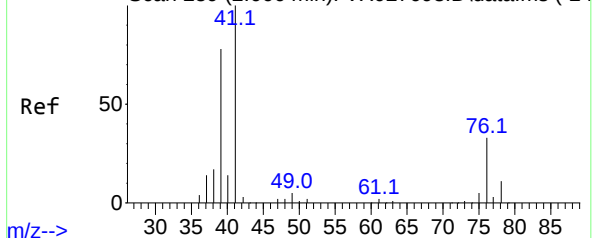
Abundance



Abundance Scan 189 (2.240 min): VX027713.D\data.ms (-13



Abundance Scan 259 (2.666 min): VX027698.D\data.ms (-24



#14

Allyl chloride

Concen: 1.041 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX027713.D

Acq: 25 Mar 2022 22:01

Tgt Ion: 41 Resp: 1175

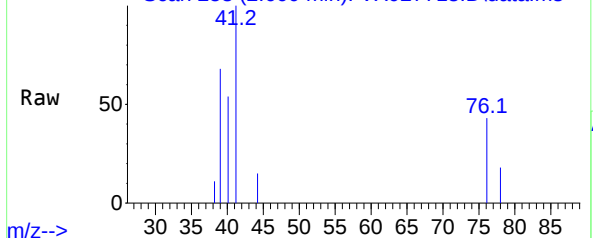
Ion Ratio Lower Upper

41 100

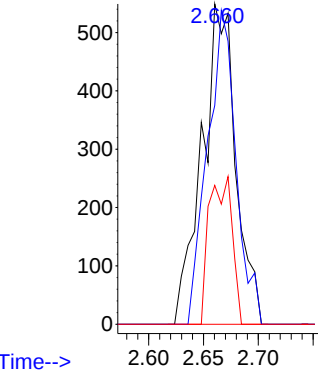
39 82.8 50.4 75.6#

76 31.5 32.7 49.1#

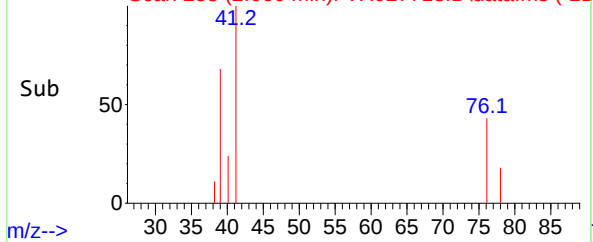
Abundance Scan 258 (2.660 min): VX027713.D\data.ms

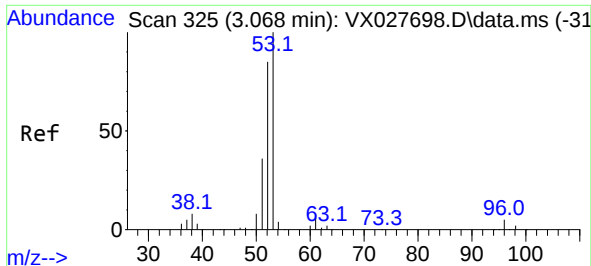


Abundance



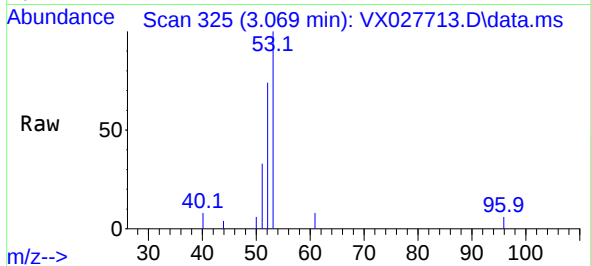
Abundance Scan 258 (2.660 min): VX027713.D\data.ms (-21





#15
Acrylonitrile
Concen: 6.188 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

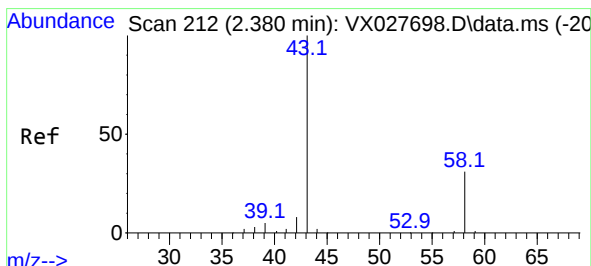
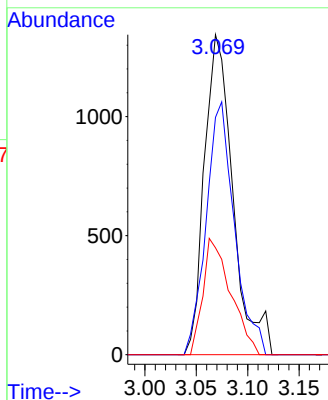
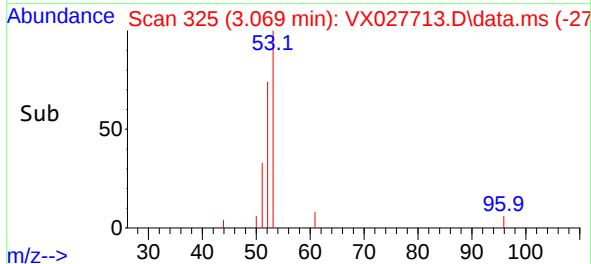
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2022



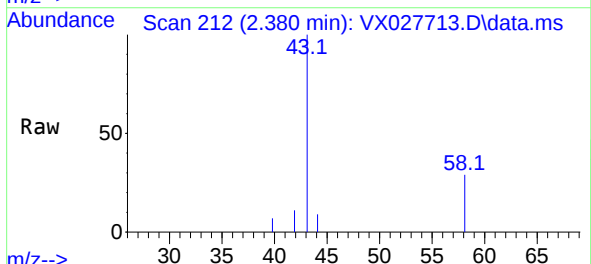
Tgt Ion: 53 Resp: 2600
Ion Ratio Lower Upper
53 100
52 78.1 65.7 98.5
51 35.3 28.4 42.6

Manual Integrations
APPROVED

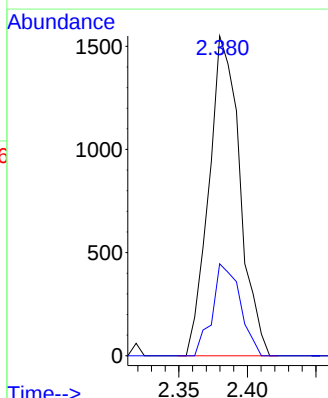
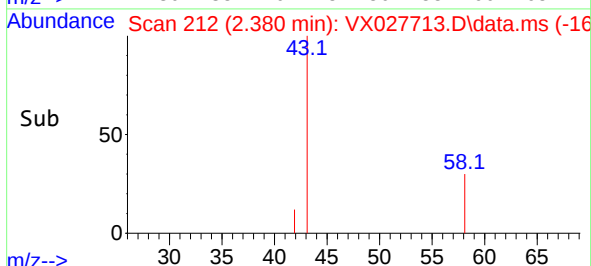
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

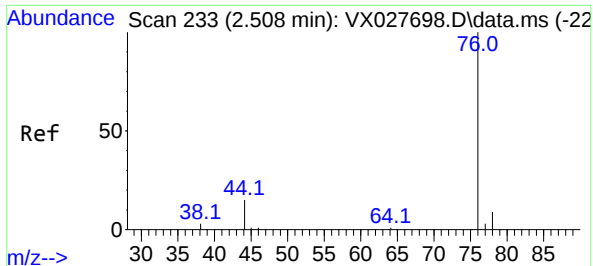


#16
Acetone
Concen: 6.249 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01



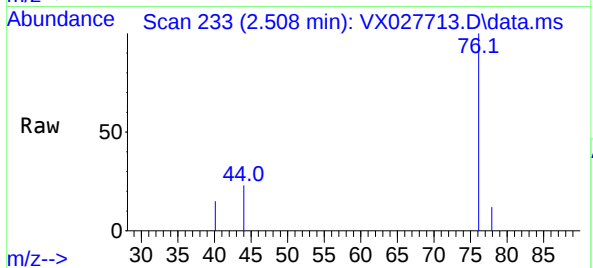
Tgt Ion: 43 Resp: 2435
Ion Ratio Lower Upper
43 100
58 28.8 28.8 43.2#





#17
Carbon Disulfide
Concen: 1.021 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

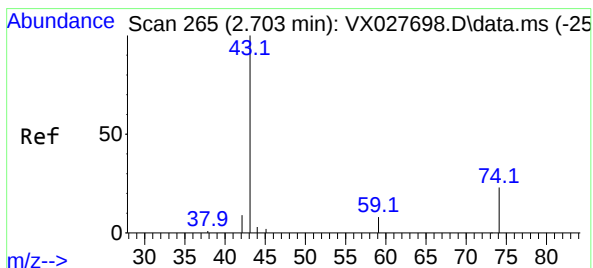
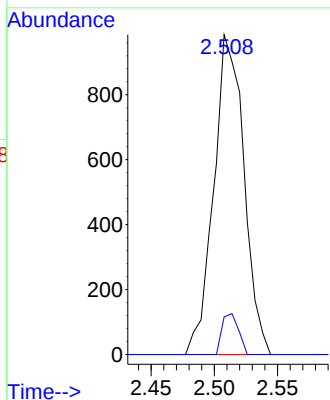
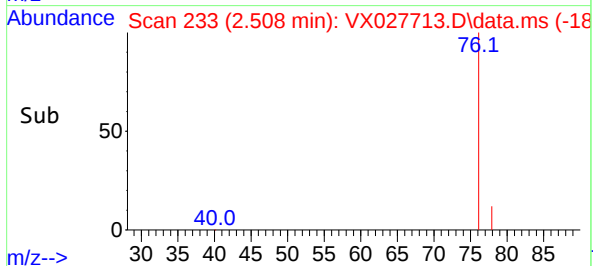
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2022



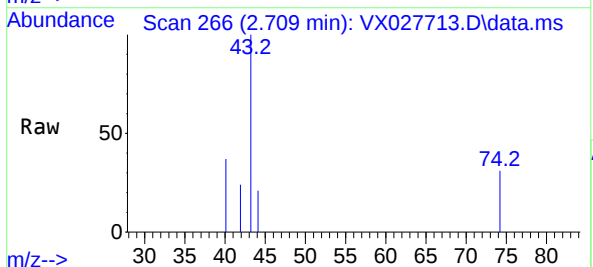
Tgt Ion: 76 Resp: 1634
Ion Ratio Lower Upper
76 100
78 11.8 7.2 10.8

Manual Integrations
APPROVED

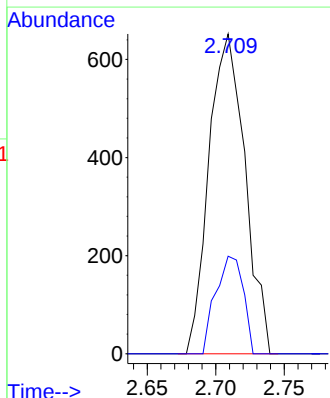
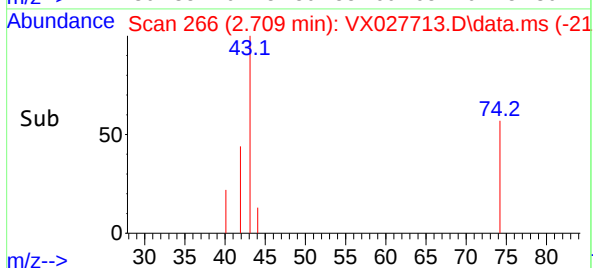
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

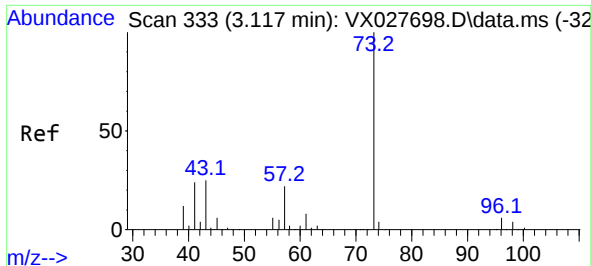


#18
Methyl Acetate
Concen: 1.197 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01



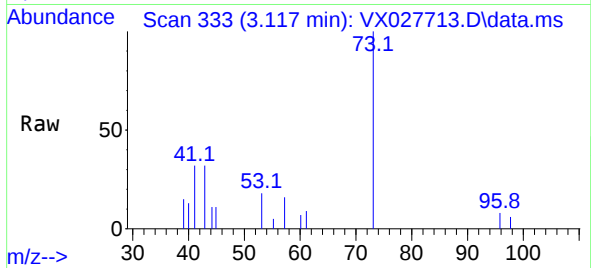
Tgt Ion: 43 Resp: 1193
Ion Ratio Lower Upper
43 100
74 23.2 22.8 34.2





#19
Methyl tert-butyl Ether
Concen: 1.104 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

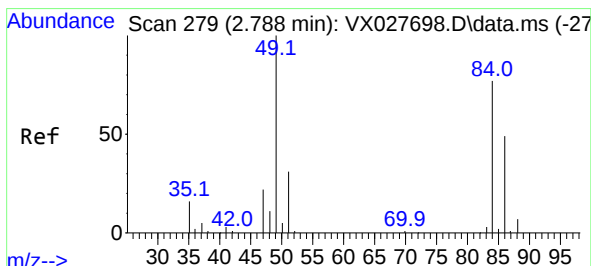
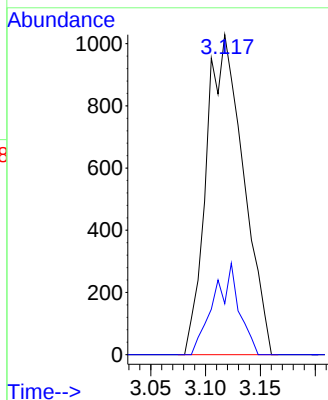
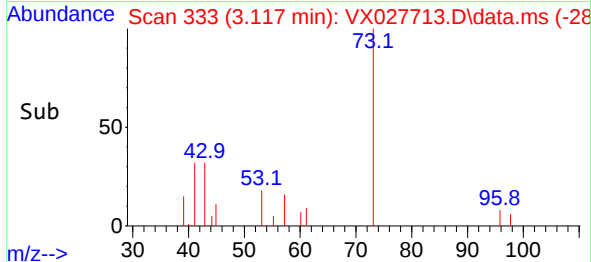
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2022



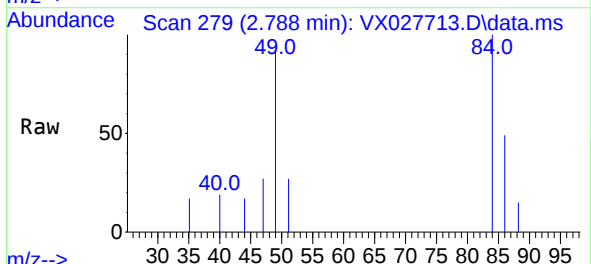
Tgt Ion: 73 Resp: 2419
Ion Ratio Lower Upper
73 100
57 15.9 16.8 25.2

Manual Integrations
APPROVED

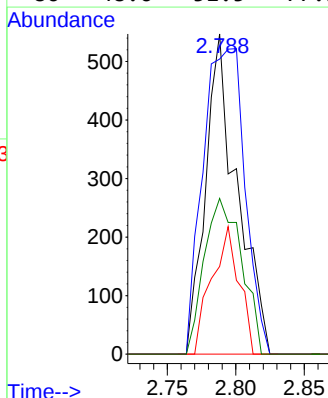
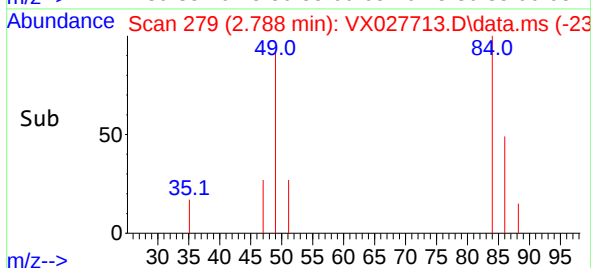
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

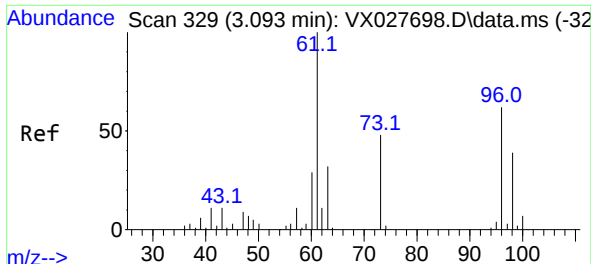


#20
Methylene Chloride
Concen: 1.261 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01



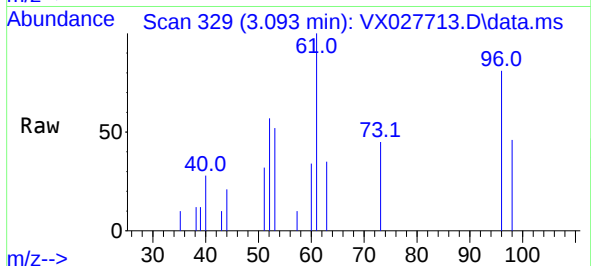
Tgt Ion: 84 Resp: 877
Ion Ratio Lower Upper
84 100
49 92.1 85.5 128.3
51 27.4 26.6 39.8
86 48.6 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 1.127 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

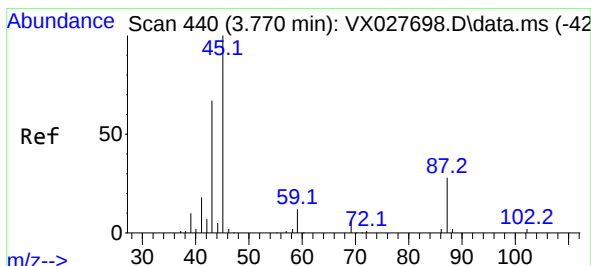
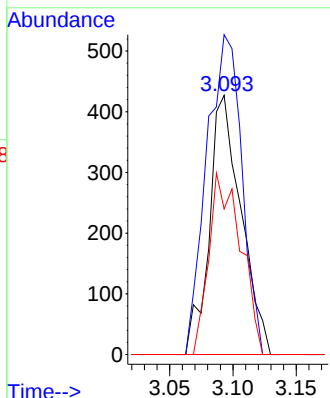
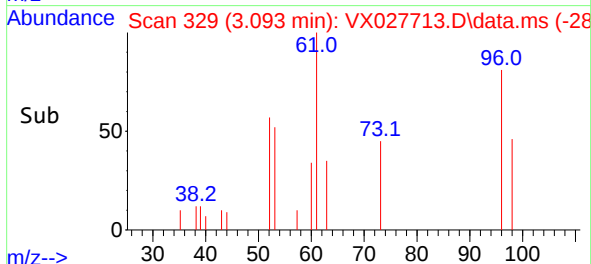
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2022



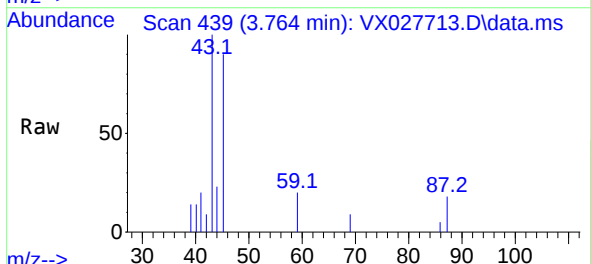
Tgt Ion: 96 Resp: 748
Ion Ratio Lower Upper
96 100
61 123.4 105.4 158.2
98 56.2 50.0 75.0

Manual Integrations
APPROVED

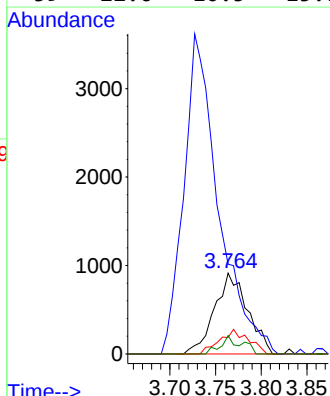
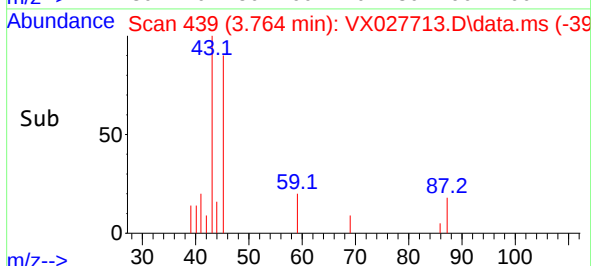
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

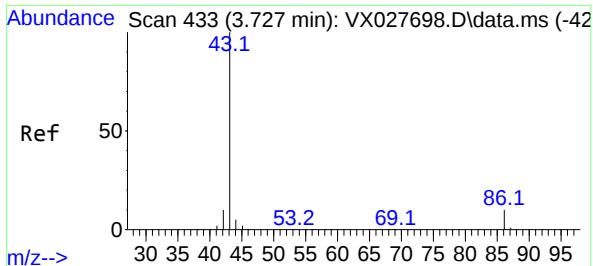


#22
Diisopropyl ether
Concen: 1.020 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01



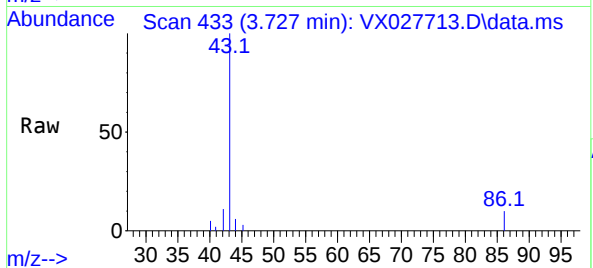
Tgt Ion: 45 Resp: 2295
Ion Ratio Lower Upper
45 100
43 110.9 50.8 76.2#
87 20.4 26.6 39.8#
59 22.6 10.5 15.7#





#23
 Vinyl Acetate
 Concen: 4.858 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX027713.D
 Acq: 25 Mar 2022 22:01

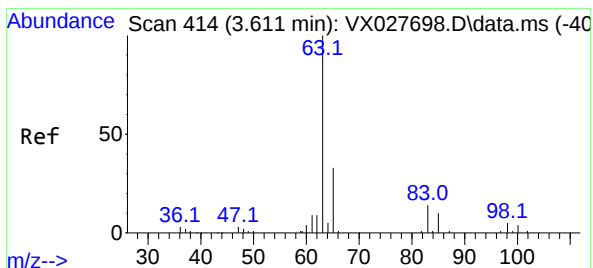
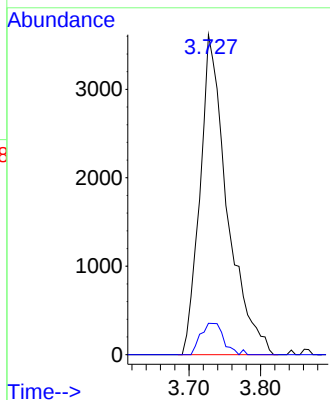
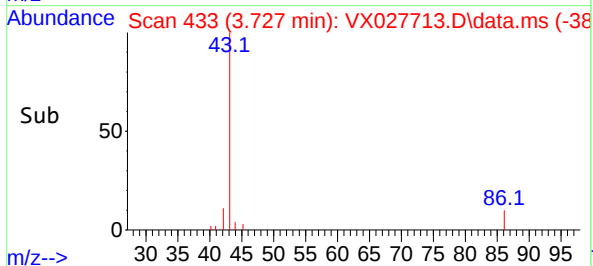
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2022



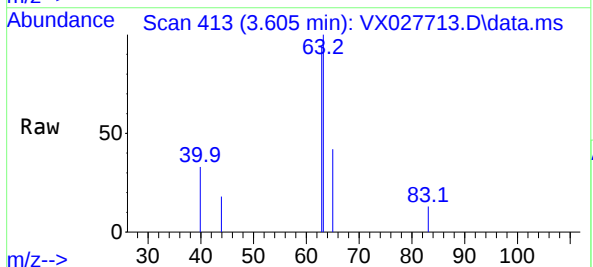
Tgt Ion: 43 Resp: 955
 Ion Ratio Lower Upper
 43 100
 86 9.8 10.8 16.2

Manual Integrations
 APPROVED

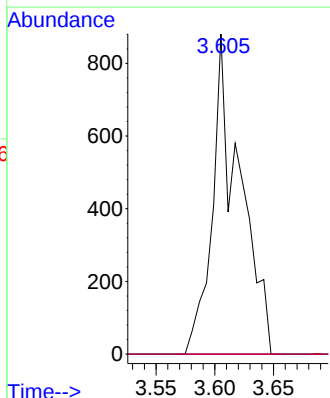
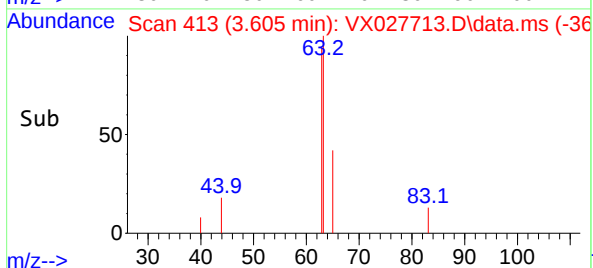
Reviewed By :John Carlone 03/26/2022
 Supervised By :Mahesh Dadoda 03/28/2022

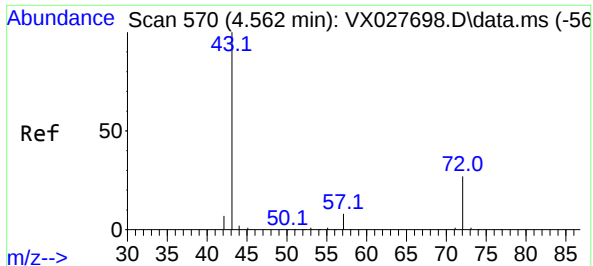


#24
 1,1-Dichloroethane
 Concen: 1.124 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX027713.D
 Acq: 25 Mar 2022 22:01



Tgt Ion: 63 Resp: 1433
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.9 11.7#
 100 0.0 2.4 7.2#





#25

2-Butanone

Concen: 4.493 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX027713.D

Acq: 25 Mar 2022 22:01

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2022

Tgt Ion: 43 Resp: 281

Ion Ratio Lower Upper

43 100

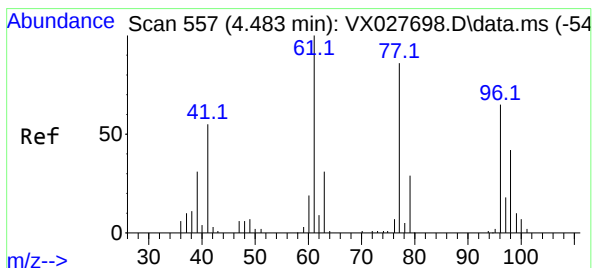
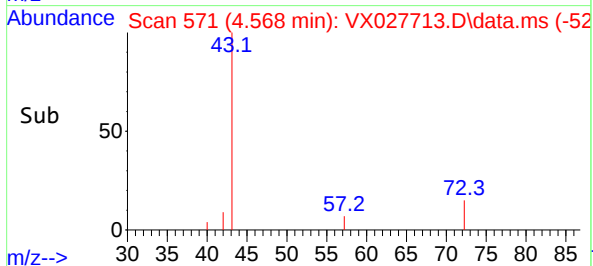
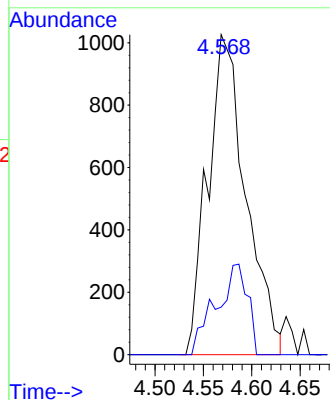
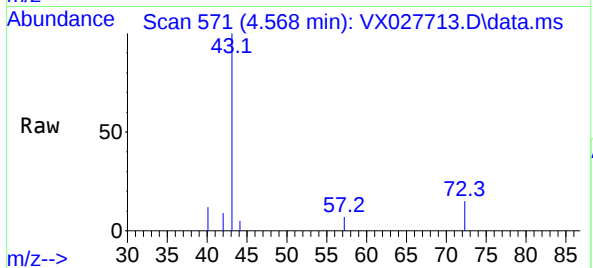
72 14.8 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#26

2,2-Dichloropropane

Concen: 0.642 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX027713.D

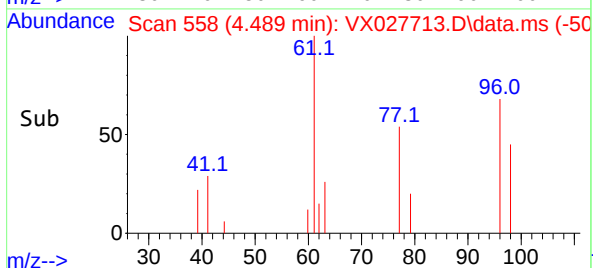
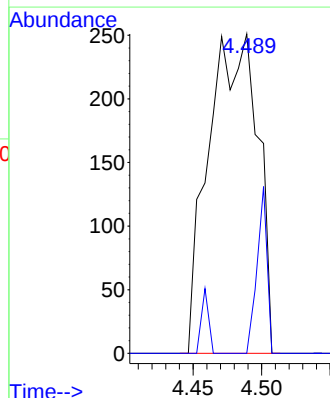
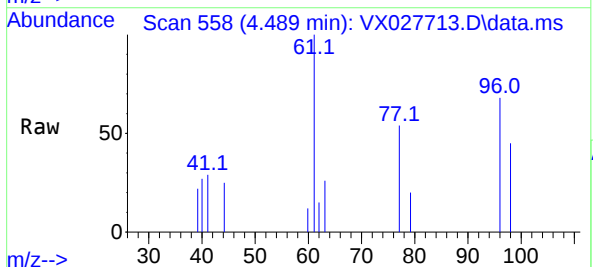
Acq: 25 Mar 2022 22:01

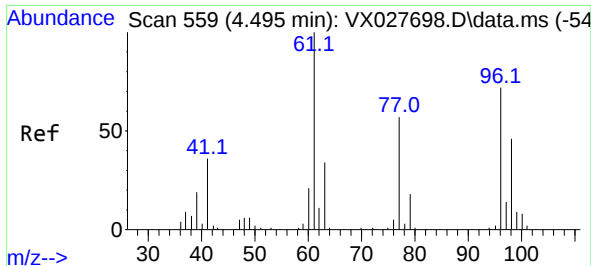
Tgt Ion: 77 Resp: 626

Ion Ratio Lower Upper

77 100

97 10.5 11.8 35.4#





#27

cis-1,2-Dichloroethene

Concen: 1.219 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX027713.D

Acq: 25 Mar 2022 22:01

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2022

Tgt Ion: 96 Resp: 90

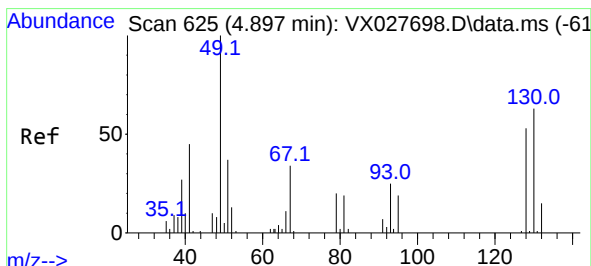
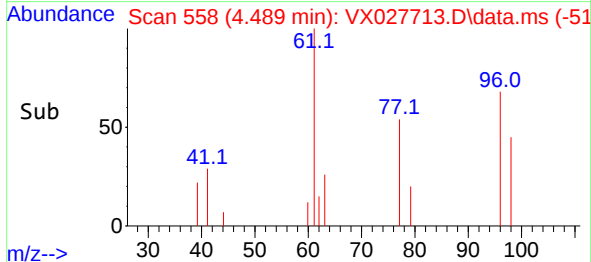
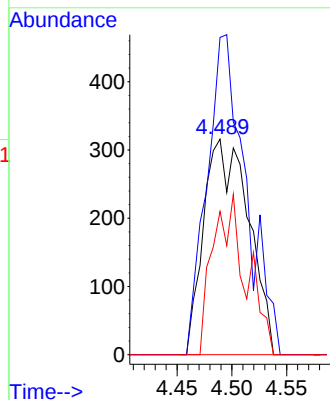
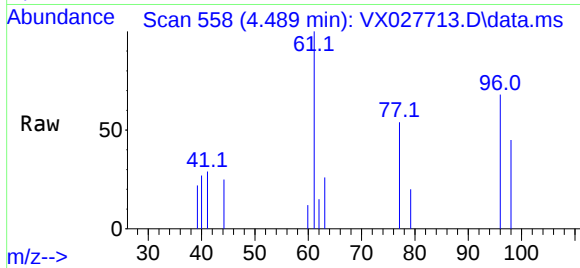
Ion	Ratio	Lower	Upper
96	100		
61	129.1	0.0	283.8
98	55.0	0.0	129.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#28

Bromochloromethane

Concen: 1.145 ug/l

RT: 4.910 min Scan# 627

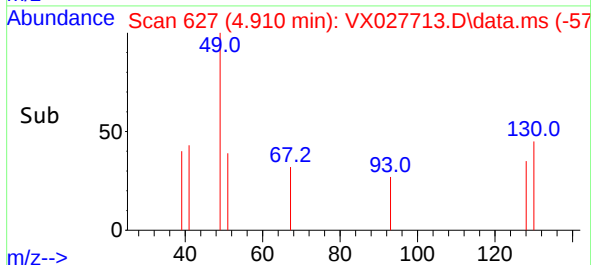
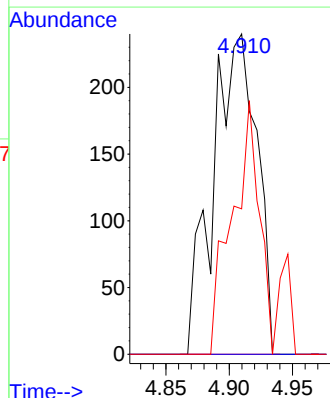
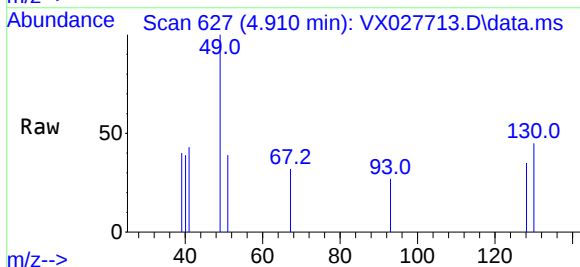
Delta R.T. 0.013 min

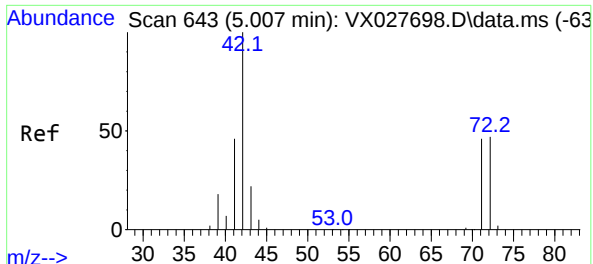
Lab File: VX027713.D

Acq: 25 Mar 2022 22:01

Tgt Ion: 49 Resp: 582

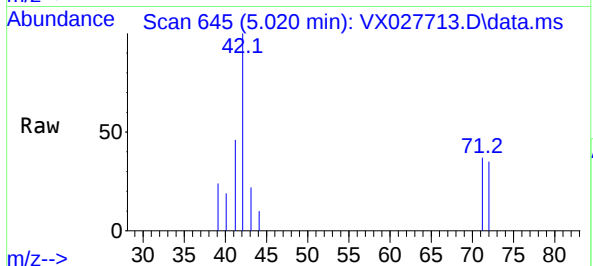
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.4
130	48.8	70.7	106.1





#29
Tetrahydrofuran
Concen: 5.503 ug/l
RT: 5.020 min Scan# 643
Delta R.T. 0.013 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

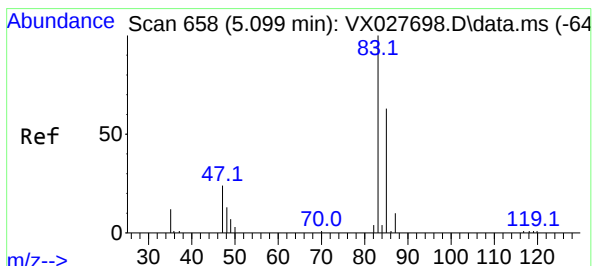
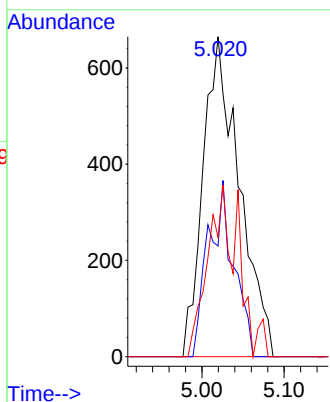
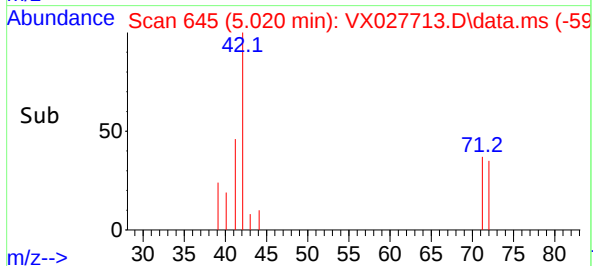
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2022



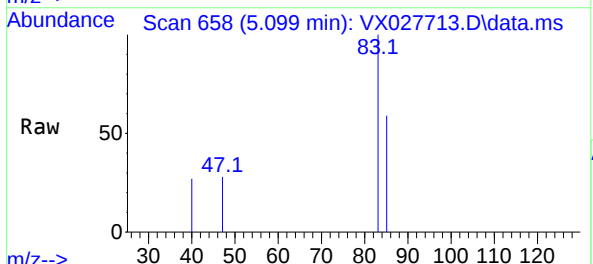
Tgt Ion: 42 Resp: 2032
Ion Ratio Lower Upper
42 100
72 38.4 44.1 66.1
71 32.2 40.5 60.7

Manual Integrations
APPROVED

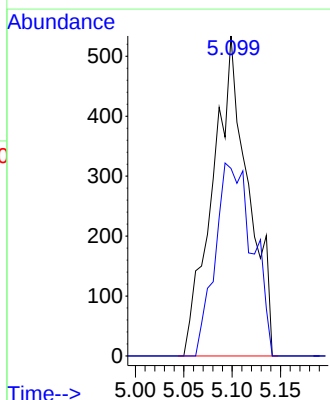
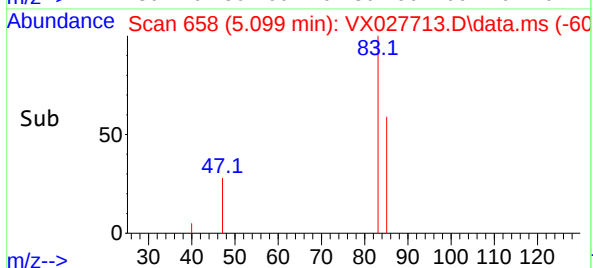
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

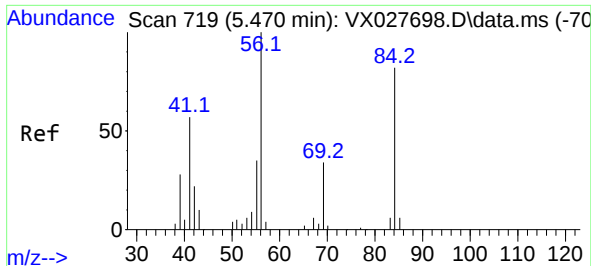


#30
Chloroform
Concen: 1.071 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.000 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01



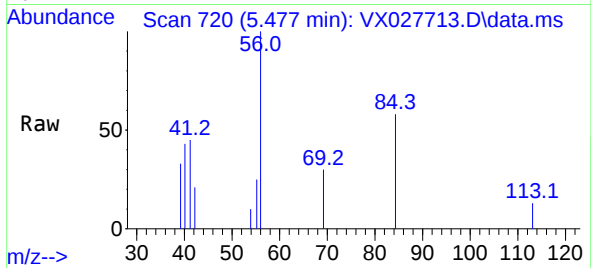
Tgt Ion: 83 Resp: 1368
Ion Ratio Lower Upper
83 100
85 58.6 52.7 79.1





#31
Cyclohexane
Concen: 1.218 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.007 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

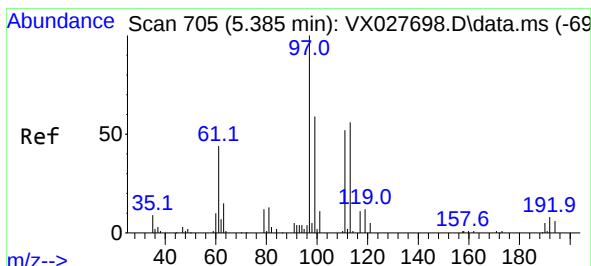
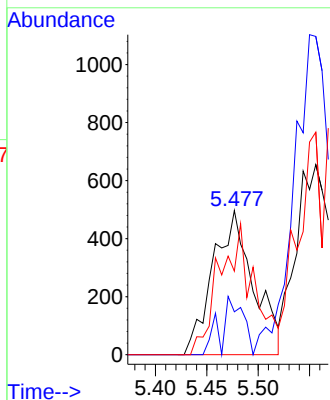
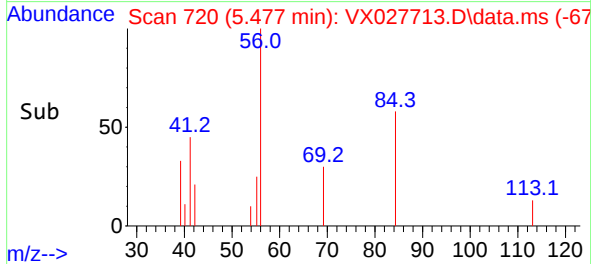
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2022



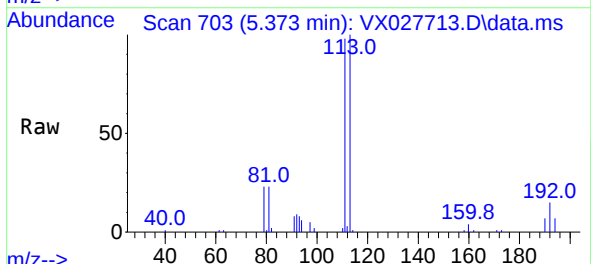
Tgt Ion: 56 Resp: 136
Ion Ratio Lower Upper
56 100
69 29.8 26.7 40.1
84 57.9 77.2 115.8

Manual Integrations
APPROVED

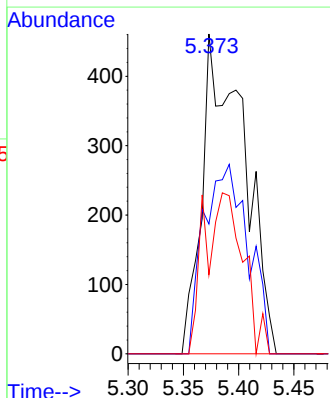
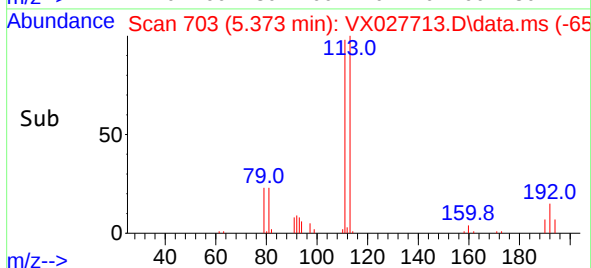
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

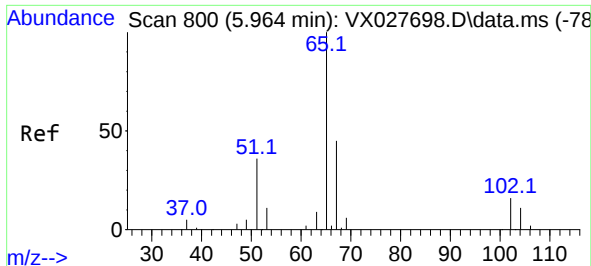


#32
1,1,1-Trichloroethane
Concen: 1.072 ug/l m
RT: 5.373 min Scan# 703
Delta R.T. -0.012 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01



Tgt Ion: 97 Resp: 1217
Ion Ratio Lower Upper
97 100
99 0.0 51.8 77.6#
61 46.7 34.0 51.0





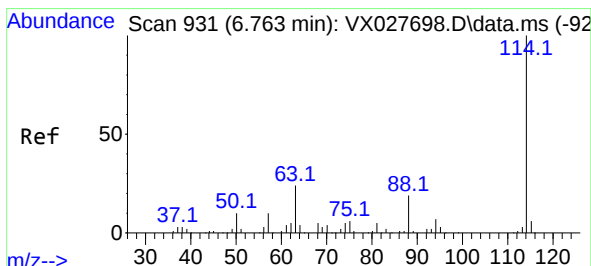
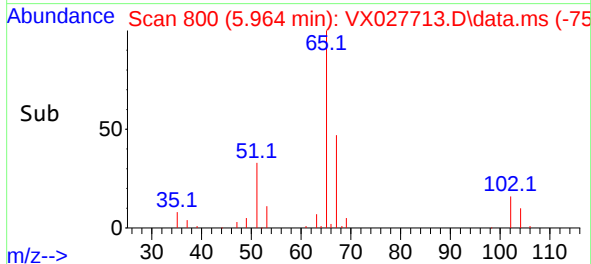
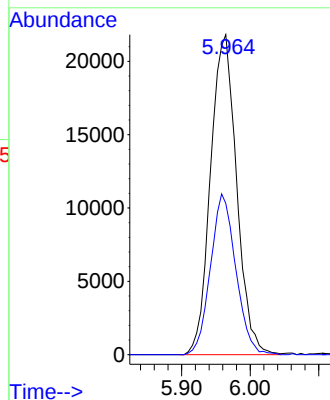
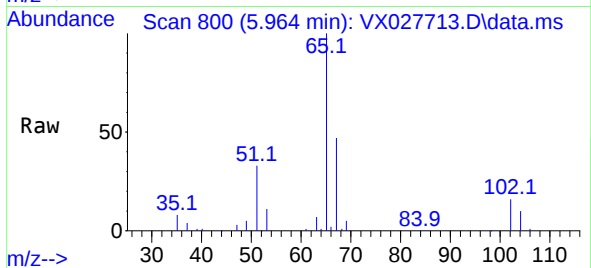
#33
1,2-Dichloroethane-d4
Concen: 62.568 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion: 65 Resp: 5765
Ion Ratio Lower Upper
65 100
67 48.7 0.0 107.4

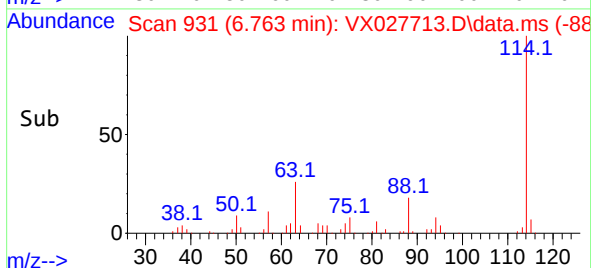
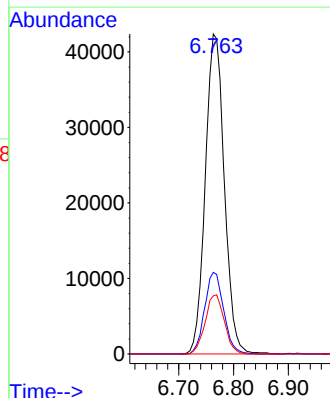
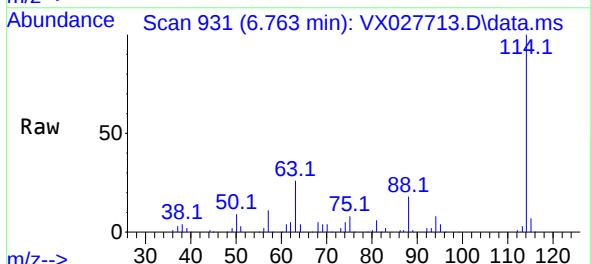
Manual Integrations
APPROVED

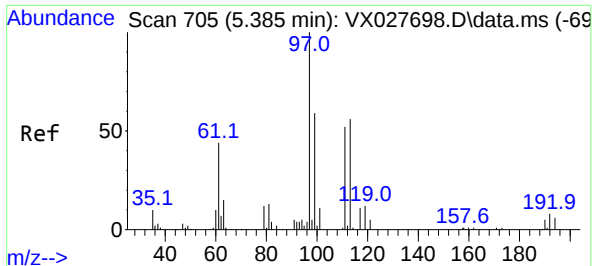
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

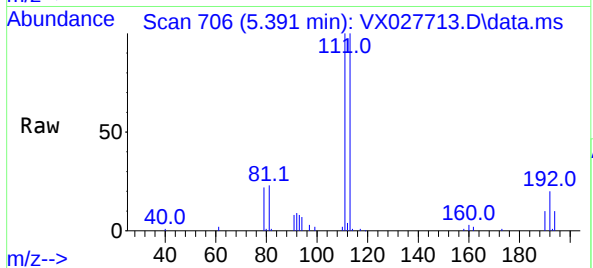
Tgt Ion:114 Resp: 101967
Ion Ratio Lower Upper
114 100
63 25.5 0.0 36.8
88 18.2 0.0 32.4





#35
Dibromofluoromethane
Concen: 55.096 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

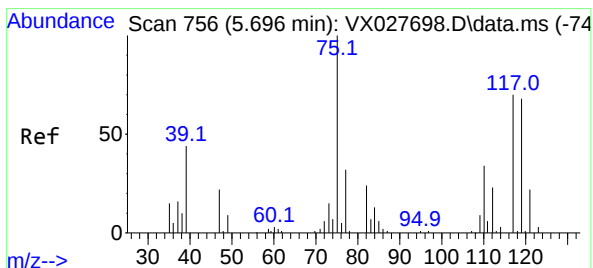
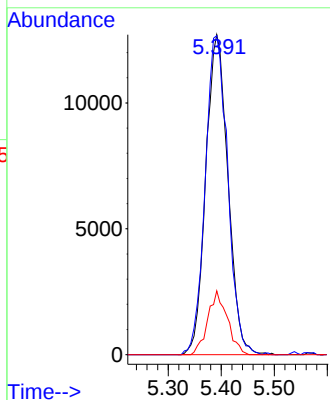
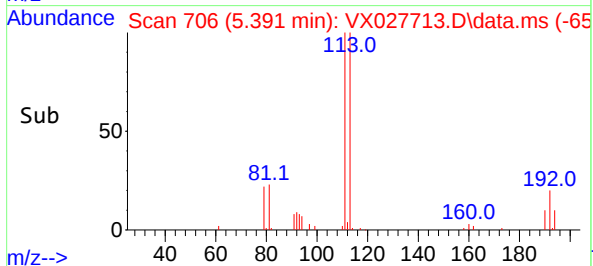
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2022



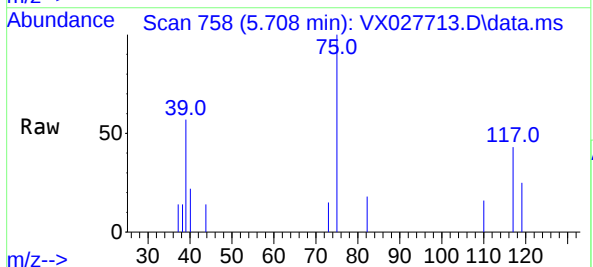
Tgt Ion:113 Resp: 3689
Ion Ratio Lower Upper
113 100
111 101.3 82.8 124.2
192 17.6 16.9 25.3

Manual Integrations
APPROVED

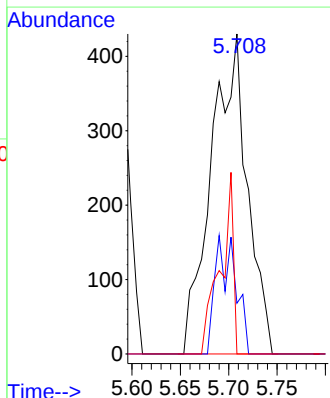
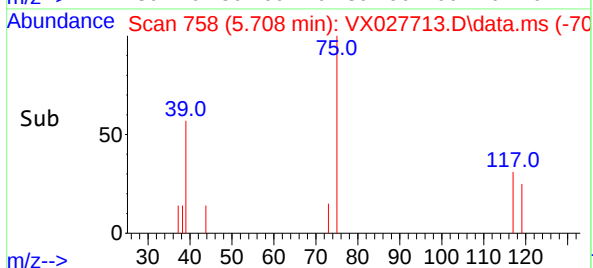
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

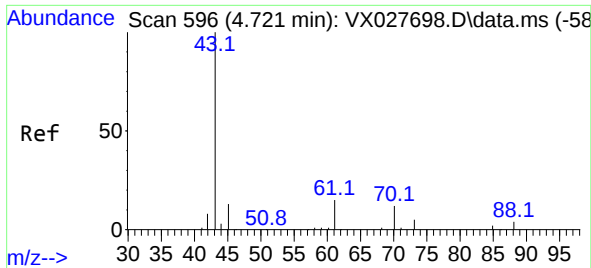


#36
1,1-Dichloropropene
Concen: 1.054 ug/l
RT: 5.708 min Scan# 758
Delta R.T. 0.012 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01



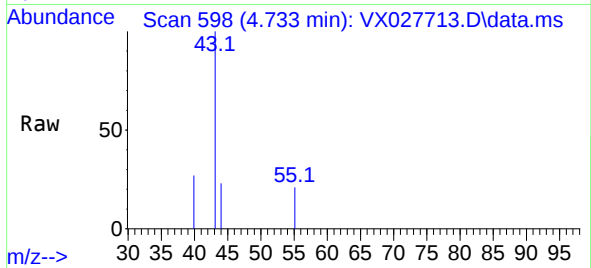
Tgt Ion: 75 Resp: 1115
Ion Ratio Lower Upper
75 100
110 20.8 18.3 54.8
77 20.4 24.8 37.2#





#37
Ethyl Acetate
Concen: 0.855 ug/l
RT: 4.733 min Scan# 596
Delta R.T. 0.012 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

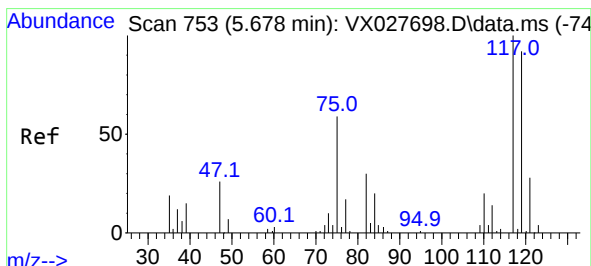
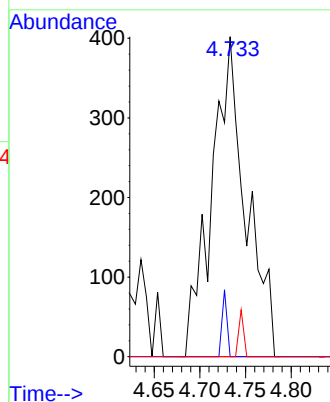
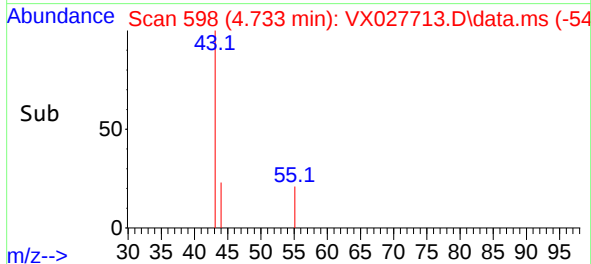
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2022



Tgt Ion: 43 Resp: 105
Ion Ratio Lower Upper
43 100
61 0.0 12.6 19.0
70 2.1 10.2 15.2

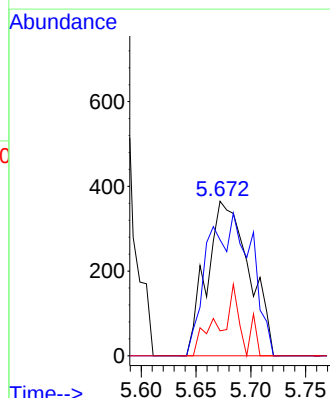
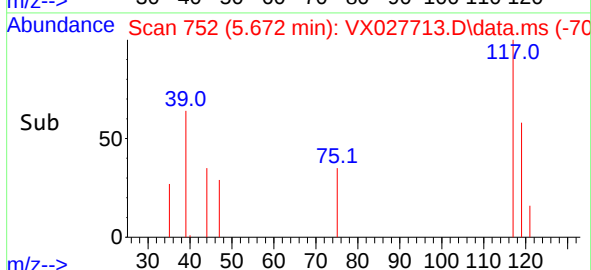
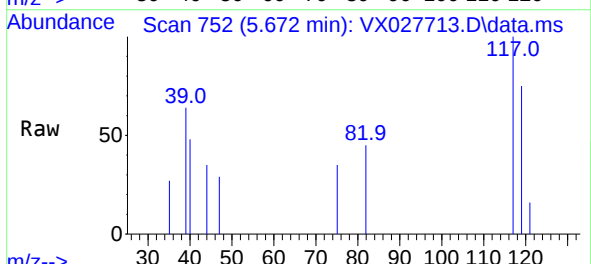
Manual Integrations
APPROVED

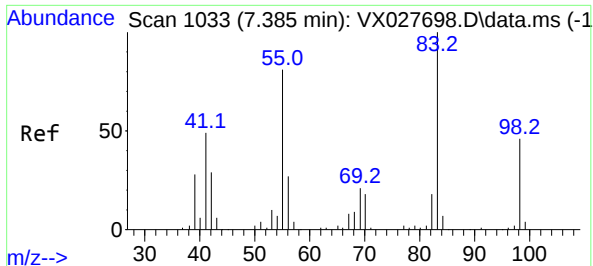
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#38
Carbon Tetrachloride
Concen: 0.945 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

Tgt Ion:117 Resp: 977
Ion Ratio Lower Upper
117 100
119 75.1 77.3 115.9#
121 16.2 24.2 36.2#





#39

Methylcyclohexane

Concen: 0.995 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX027713.D

Acq: 25 Mar 2022 22:01

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2022

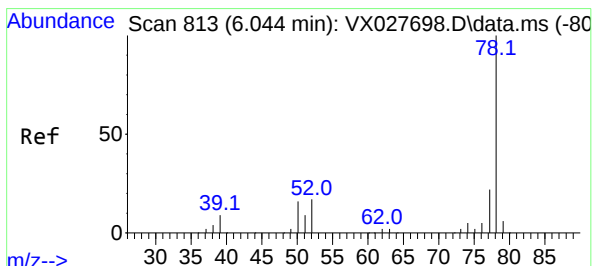
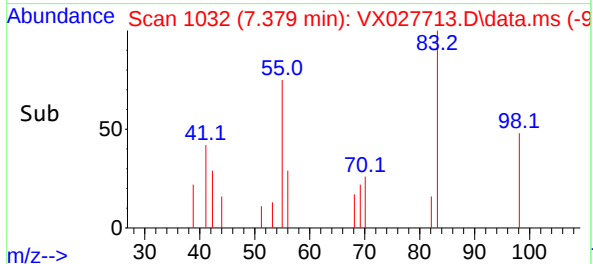
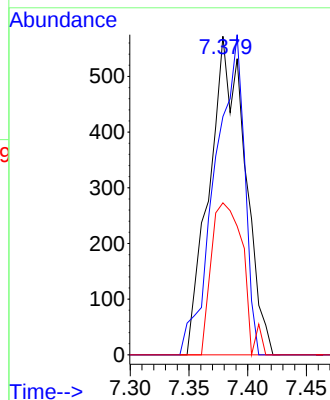
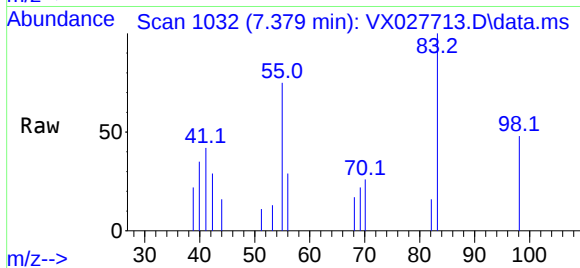
Tgt Ion: 83	Resp: 1210
Ion Ratio	Lower Upper
83	100
55	74.8 54.6 81.8
98	47.7 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#40

Benzene

Concen: 1.072 ug/l

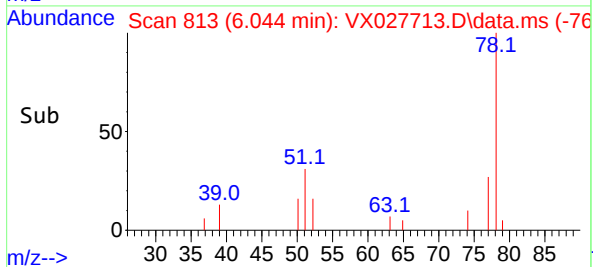
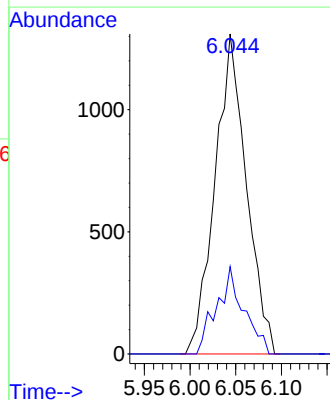
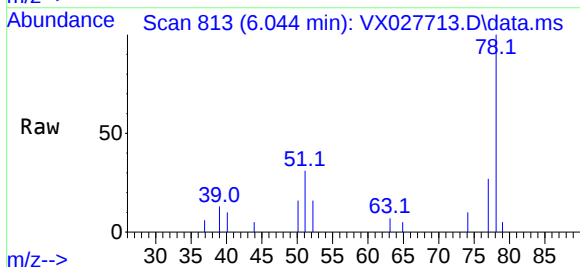
RT: 6.044 min Scan# 813

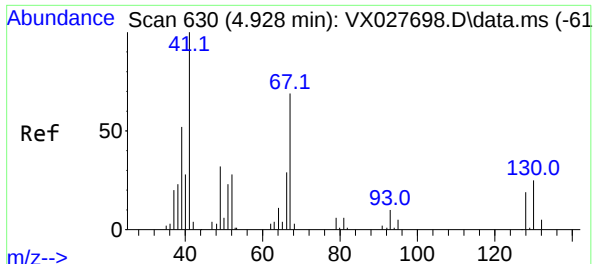
Delta R.T. -0.000 min

Lab File: VX027713.D

Acq: 25 Mar 2022 22:01

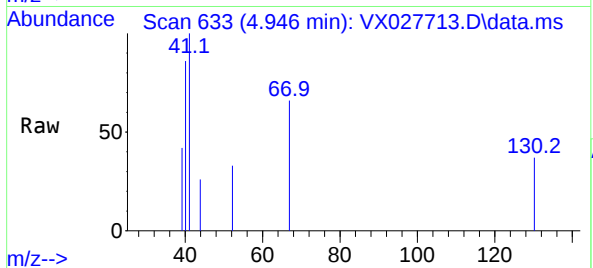
Tgt Ion: 78	Resp: 3131
Ion Ratio	Lower Upper
78	100
77	27.3 19.3 28.9





#41
Methacrylonitrile
Concen: 0.796 ug/l
RT: 4.946 min Scan# 61
Delta R.T. 0.018 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

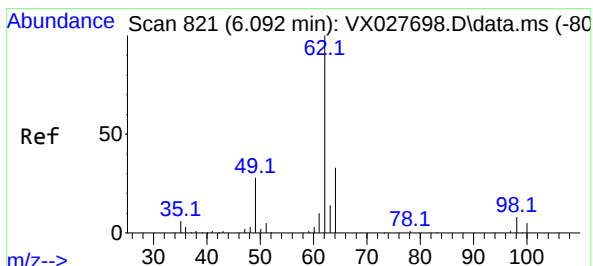
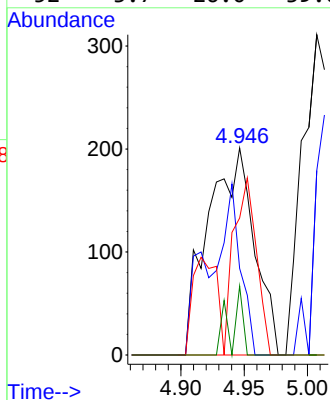
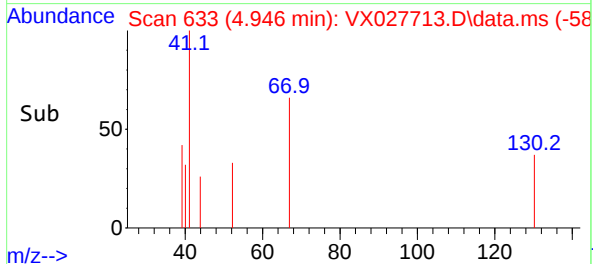
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2022



Tgt Ion: 41 Resp: 51
Ion Ratio Lower Upper
41 100
39 35.7 43.0 64.4
67 41.9 70.2 105.4
52 3.7 26.0 39.0

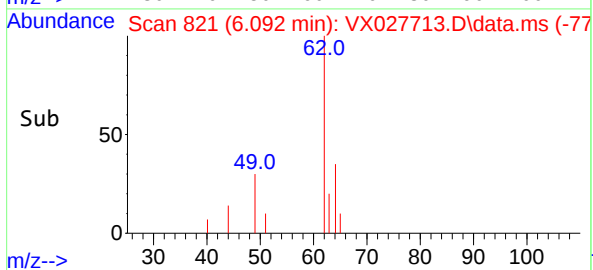
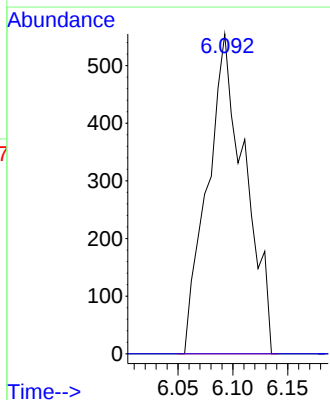
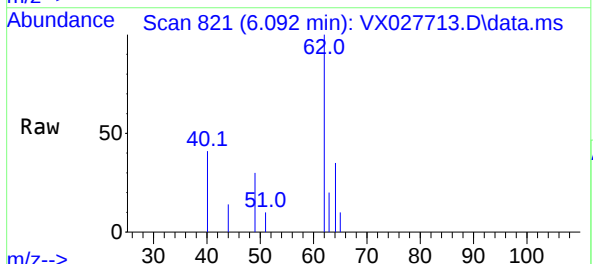
Manual Integrations
APPROVED

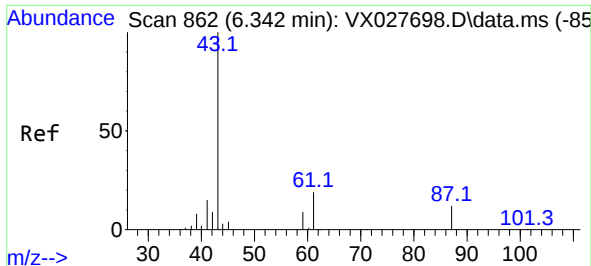
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#42
1,2-Dichloroethane
Concen: 1.064 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

Tgt Ion: 62 Resp: 1321
Ion Ratio Lower Upper
62 100
98 0.0 0.0 20.4





#43

Isopropyl Acetate

Concen: 1.082 ug/l

RT: 6.349 min Scan# 863

Delta R.T. 0.007 min

Lab File: VX027713.D

Acq: 25 Mar 2022 22:01

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2022

Tgt Ion: 43 Resp: 201

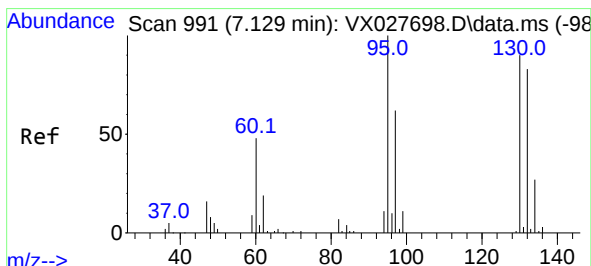
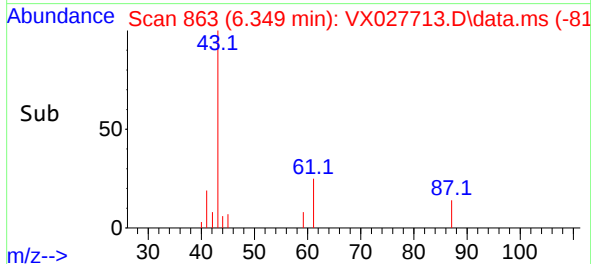
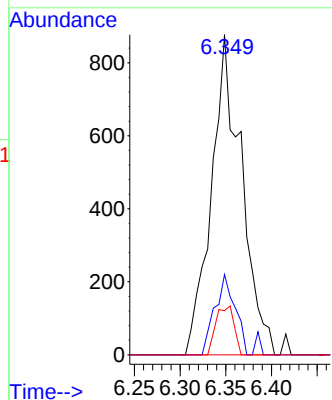
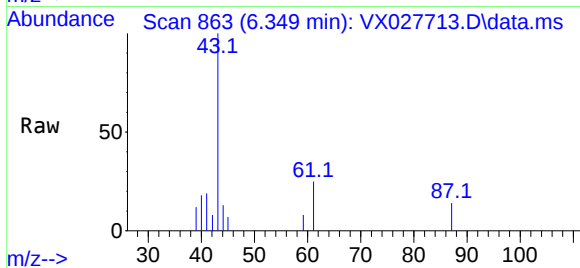
Ion	Ratio	Lower	Upper
43	100		
61	16.8	18.5	27.7
87	9.1	13.0	19.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#44

Trichloroethene

Concen: 0.997 ug/l

RT: 7.129 min Scan# 991

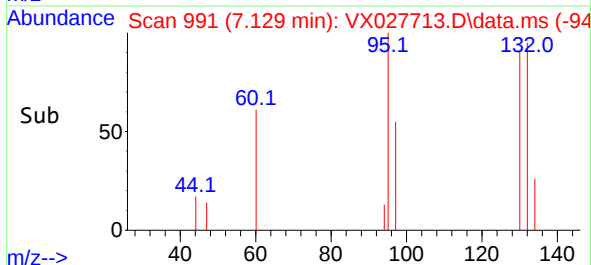
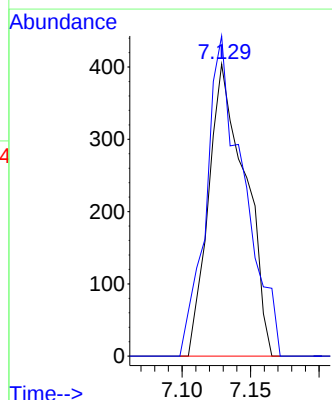
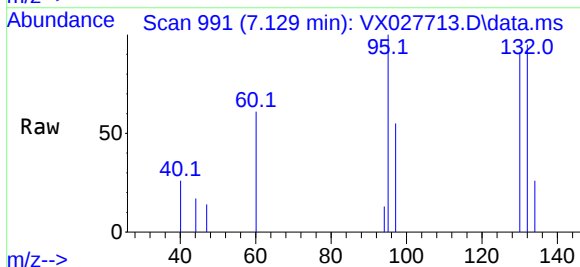
Delta R.T. -0.000 min

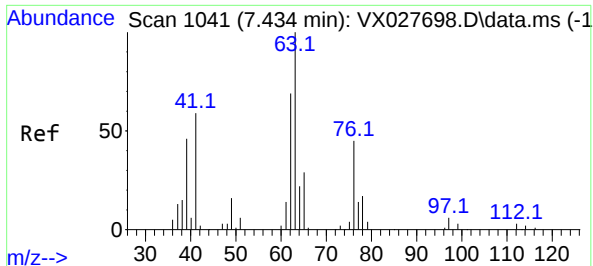
Lab File: VX027713.D

Acq: 25 Mar 2022 22:01

Tgt Ion:130 Resp: 754

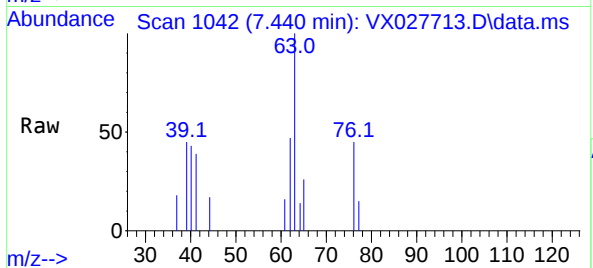
Ion	Ratio	Lower	Upper
130	100		
95	109.7	0.0	188.8





#45
1,2-Dichloropropane
Concen: 1.026 ug/l
RT: 7.440 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

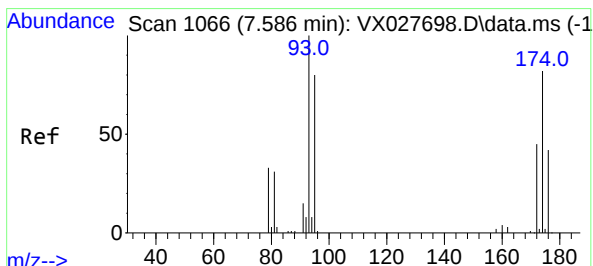
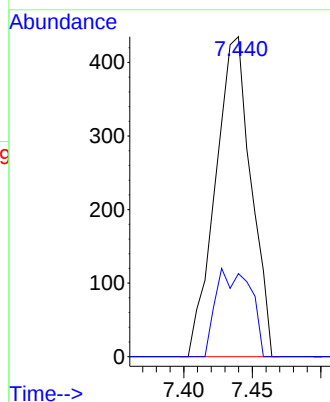
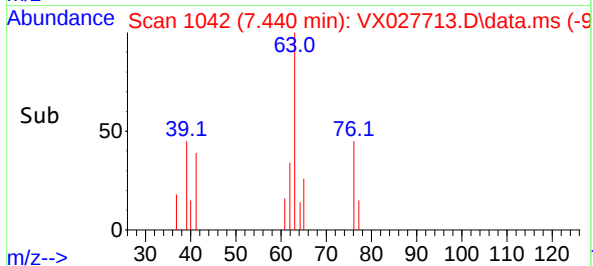
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2022



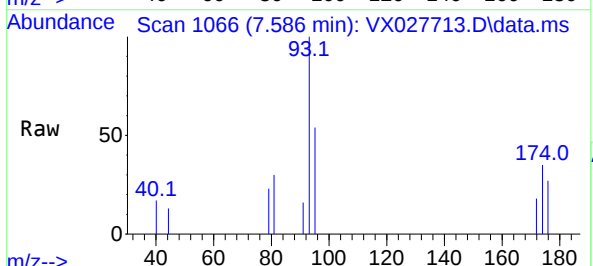
Tgt Ion: 63 Resp: 78
Ion Ratio Lower Upper
63 100
65 26.0 25.8 38.6

Manual Integrations
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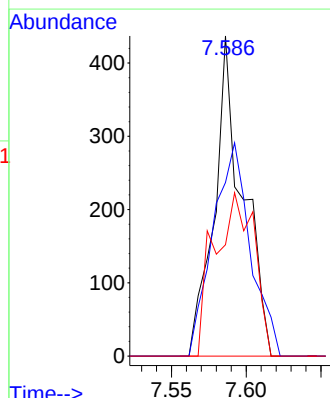
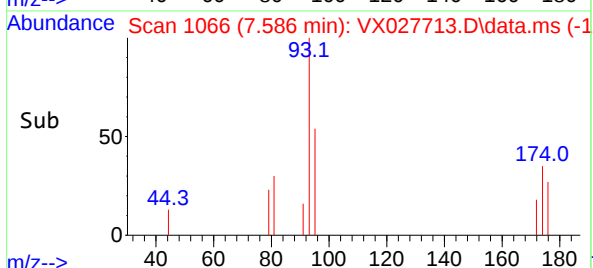
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

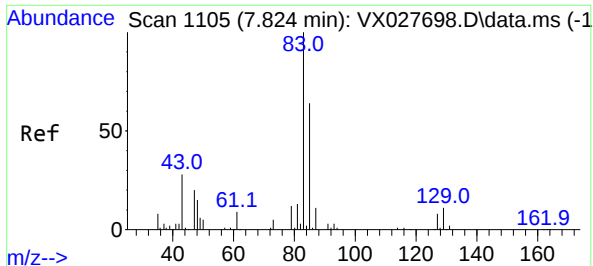


#46
Dibromomethane
Concen: 1.057 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01



Tgt Ion: 93 Resp: 580
Ion Ratio Lower Upper
93 100
95 87.4 65.8 98.6
174 71.2 85.4 128.2#





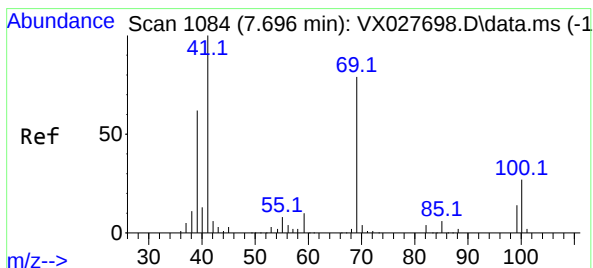
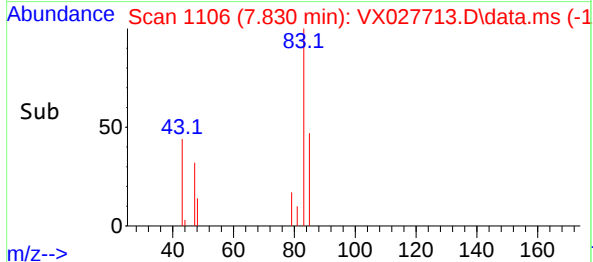
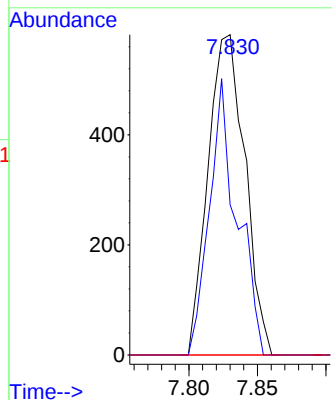
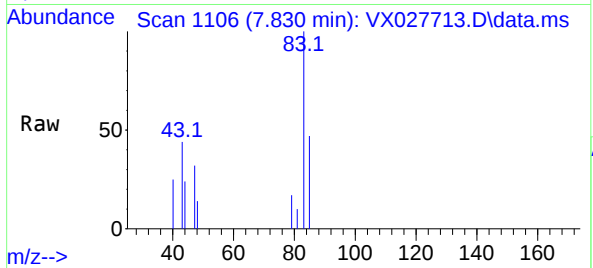
#47
Bromodichloromethane
Concen: 1.015 ug/l
RT: 7.830 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion: 83 Resp: 109
Ion Ratio Lower Upper
83 100
85 46.9 52.2 78.2
127 0.0 6.8 10.2

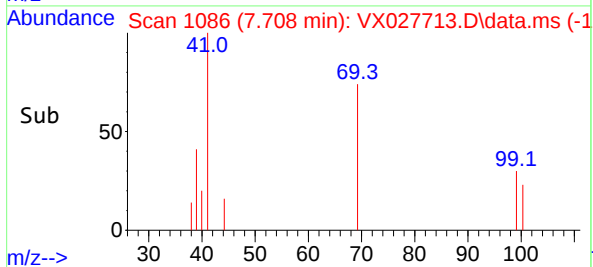
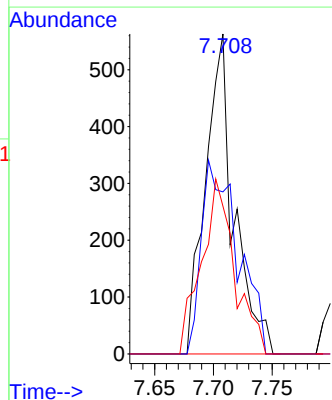
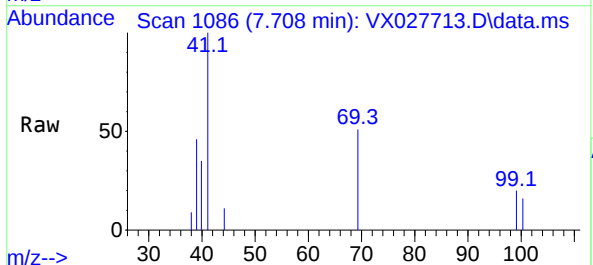
Manual Integrations
APPROVED

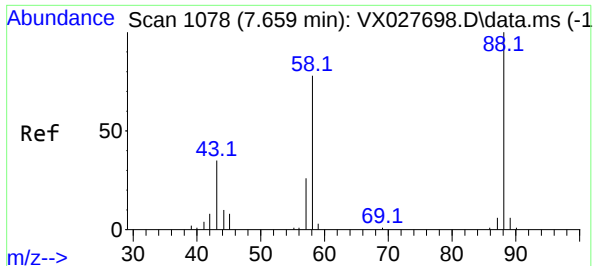
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#48
Methyl methacrylate
Concen: 1.030 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.012 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

Tgt Ion: 41 Resp: 946
Ion Ratio Lower Upper
41 100
69 78.0 82.5 123.7
39 63.7 43.8 65.8





#49

1,4-Dioxane

Concen: 21.617 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. 0.012 min

Lab File: VX027713.D

Acq: 25 Mar 2022 22:01

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2022

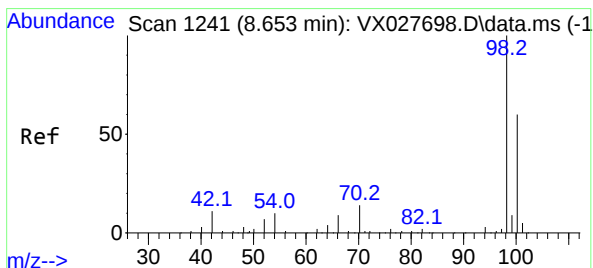
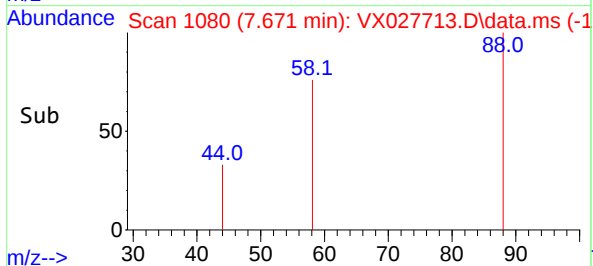
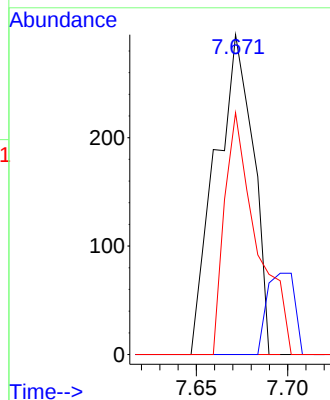
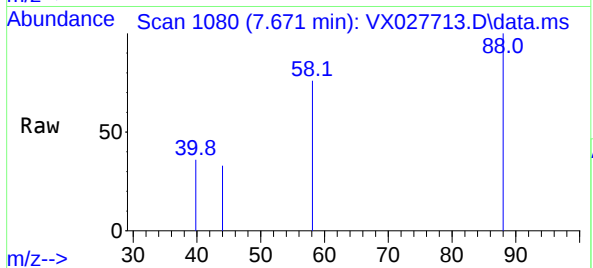
Tgt Ion: 88 Resp: 424
 Ion Ratio Lower Upper
 88 100
 43 0.0 21.9 32.9
 58 64.9 53.7 80.5

Manual Integrations

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Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#50

Toluene-d8

Concen: 51.706 ug/l

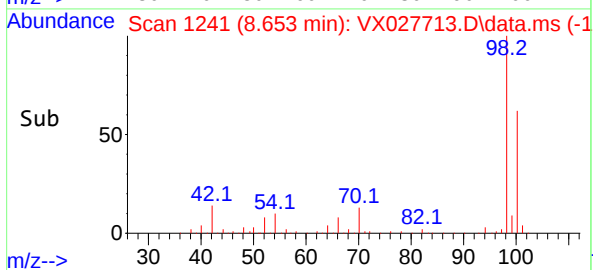
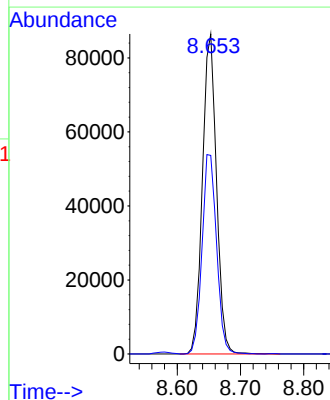
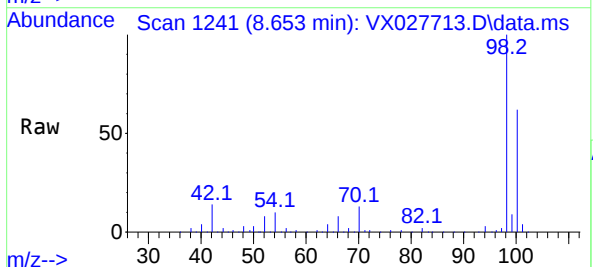
RT: 8.653 min Scan# 1241

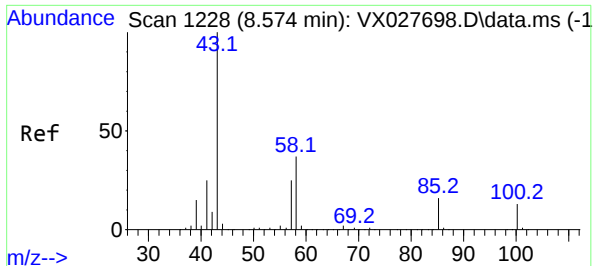
Delta R.T. 0.000 min

Lab File: VX027713.D

Acq: 25 Mar 2022 22:01

Tgt Ion: 98 Resp: 133840
 Ion Ratio Lower Upper
 98 100
 100 64.4 52.6 78.8





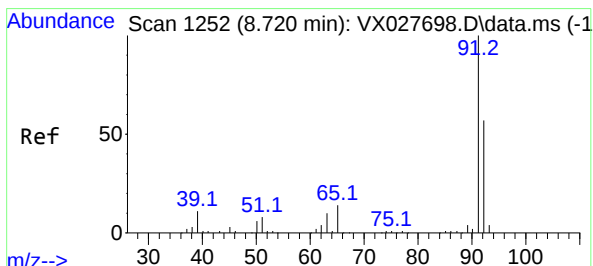
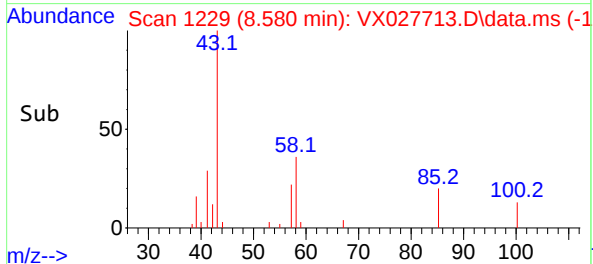
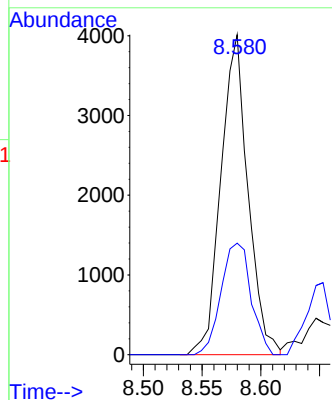
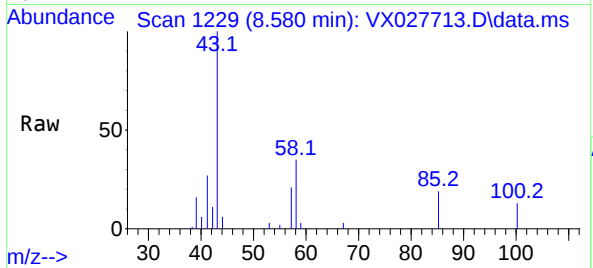
#51
4-Methyl-2-Pentanone
Concen: 5.043 ug/l
RT: 8.580 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion: 43 Resp: 6430
Ion Ratio Lower Upper
43 100
58 38.6 36.1 54.1

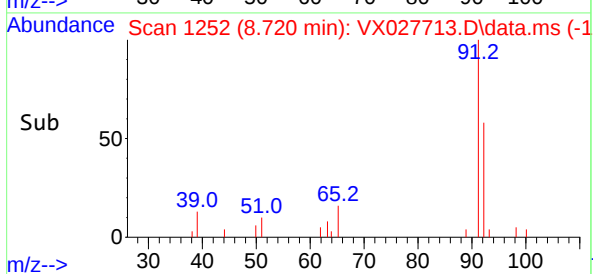
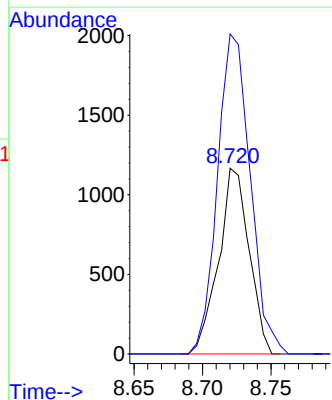
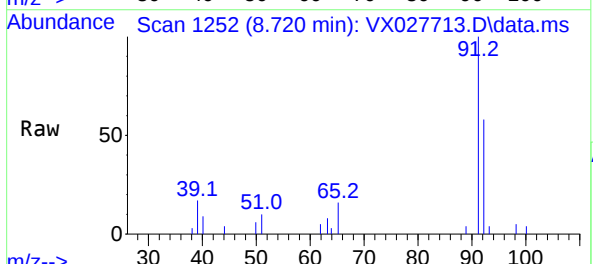
Manual Integrations
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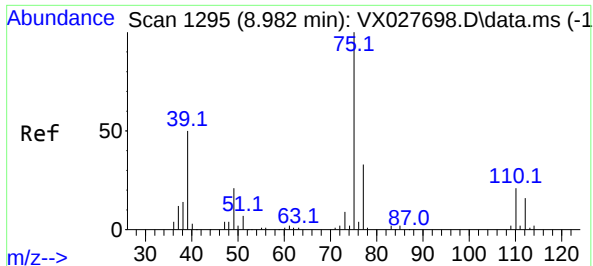
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#52
Toluene
Concen: 0.990 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

Tgt Ion: 92 Resp: 1809
Ion Ratio Lower Upper
92 100
91 184.8 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 0.884 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX027713.D

Acq: 25 Mar 2022 22:01

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2022

Tgt Ion: 75 Resp: 94

Ion Ratio Lower Upper

75 100

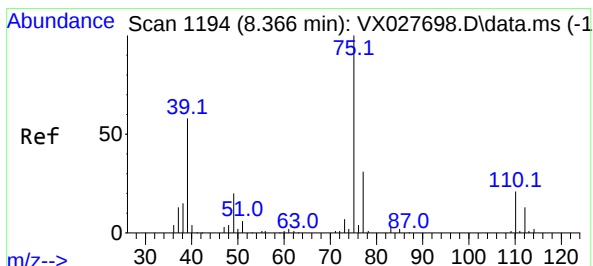
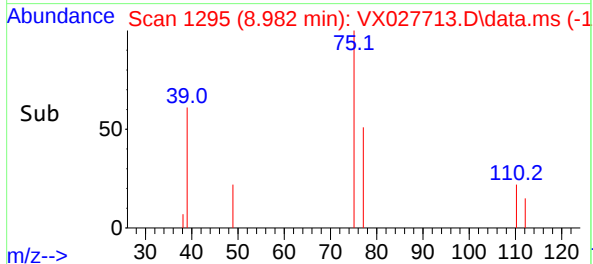
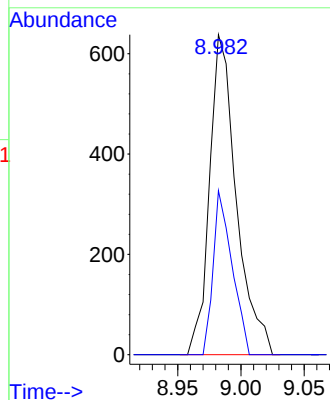
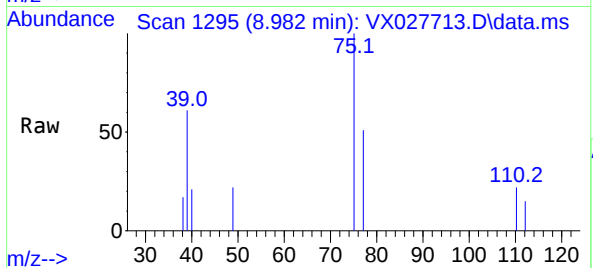
77 51.3 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#54

cis-1,3-Dichloropropene

Concen: 0.764 ug/l

RT: 8.373 min Scan# 1195

Delta R.T. 0.007 min

Lab File: VX027713.D

Acq: 25 Mar 2022 22:01

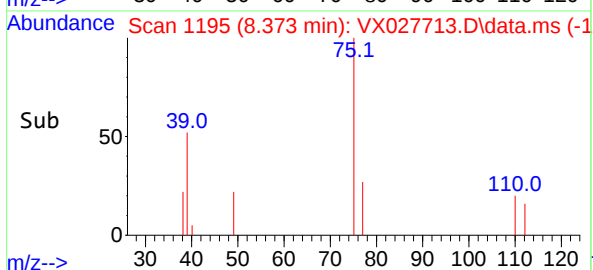
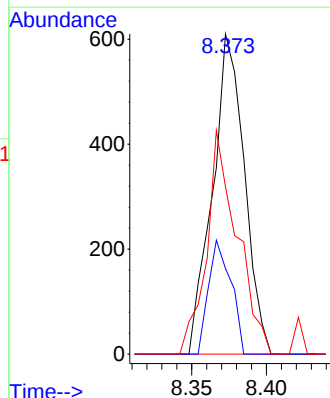
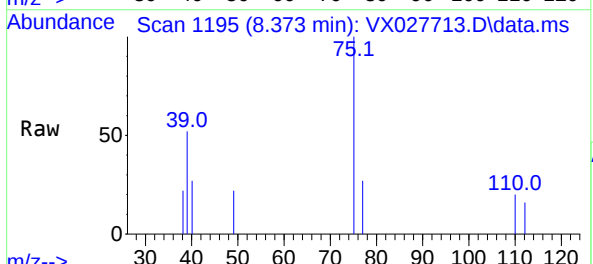
Tgt Ion: 75 Resp: 905

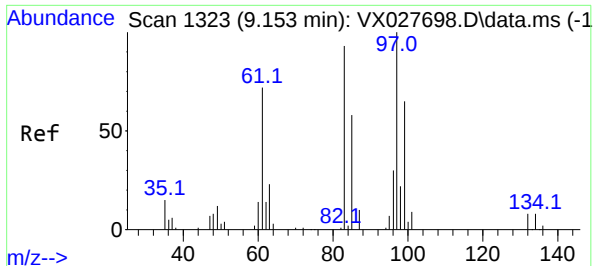
Ion Ratio Lower Upper

75 100

77 26.7 24.8 37.2

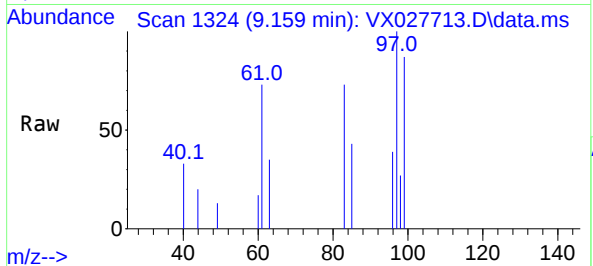
39 52.3 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 0.915 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2022

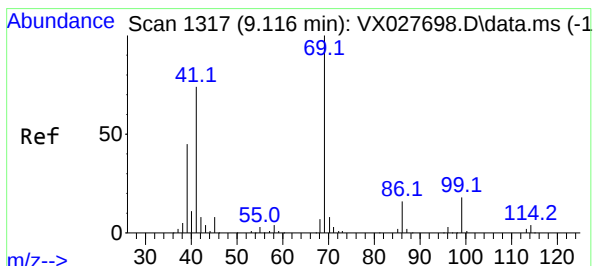
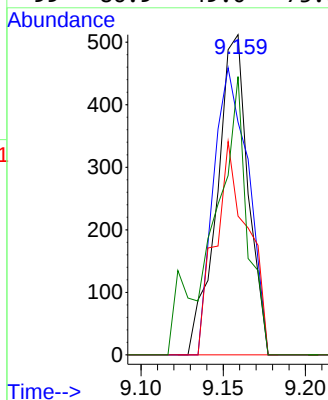
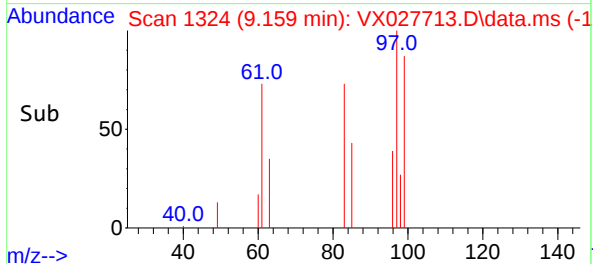


Tgt Ion: 97 Resp: 679

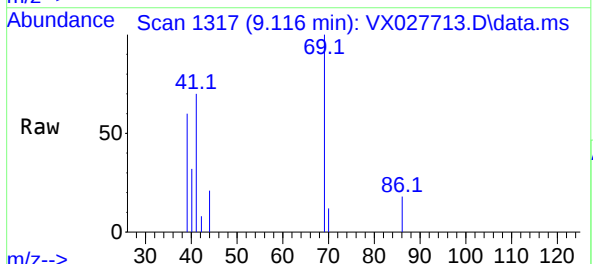
Ion	Ratio	Lower	Upper
97	100		
83	72.7	66.2	99.4
85	43.4	42.9	64.3
99	86.9	49.0	73.6

Manual Integrations
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Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

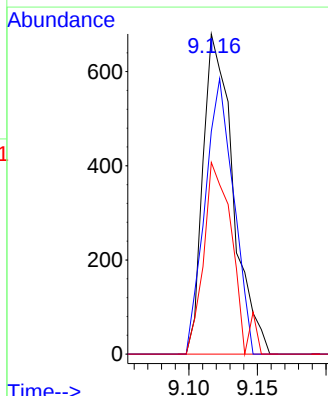
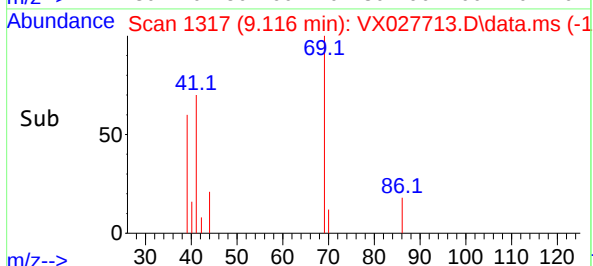


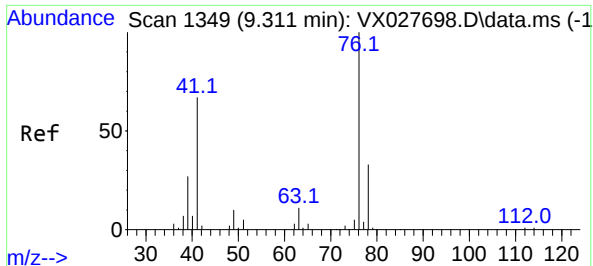
#56
Ethyl methacrylate
Concen: 0.855 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01



Tgt Ion: 69 Resp: 1037

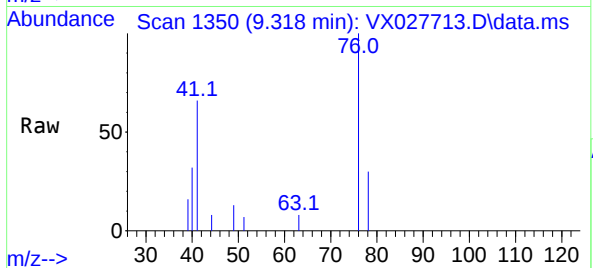
Ion	Ratio	Lower	Upper
69	100		
41	81.7	43.8	65.6
39	57.1	22.2	33.2





#57
1,3-Dichloropropane
Concen: 1.001 ug/l
RT: 9.318 min Scan# 1134
Delta R.T. 0.007 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

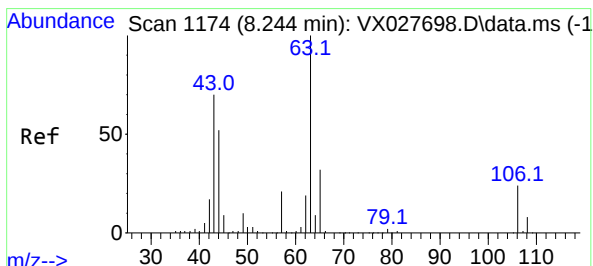
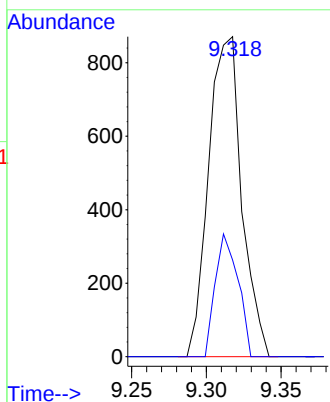
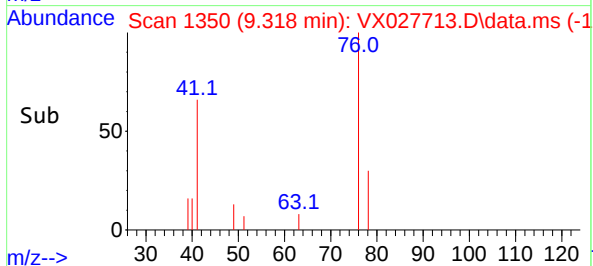
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2022



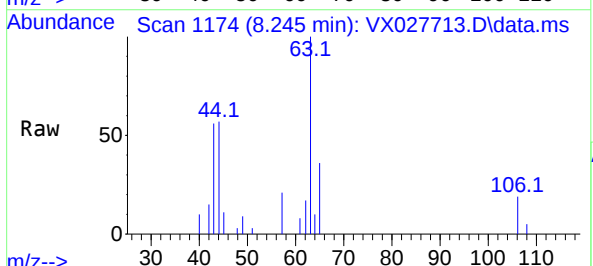
Tgt Ion: 76 Resp: 1340
Ion Ratio Lower Upper
76 100
78 26.3 25.8 38.8

Manual Integrations
APPROVED

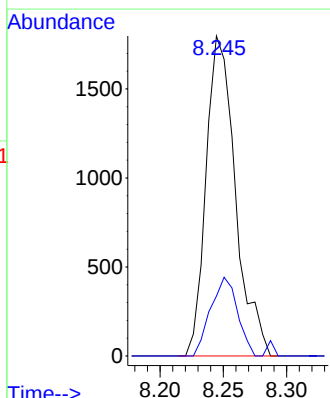
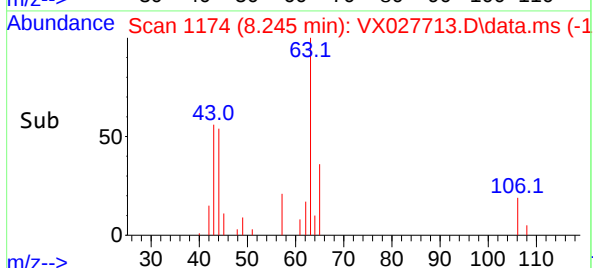
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

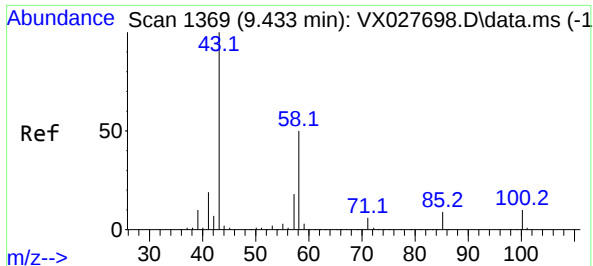


#58
2-Chloroethyl Vinyl ether
Concen: 4.670 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.001 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01



Tgt Ion: 63 Resp: 2900
Ion Ratio Lower Upper
63 100
106 22.4 23.9 35.9#





#59

2-Hexanone

Concen: 4.957 ug/l

RT: 9.433 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX027713.D

Acq: 25 Mar 2022 22:01

Instrument :

MSVOA_X

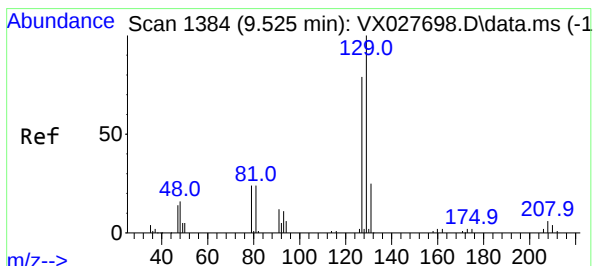
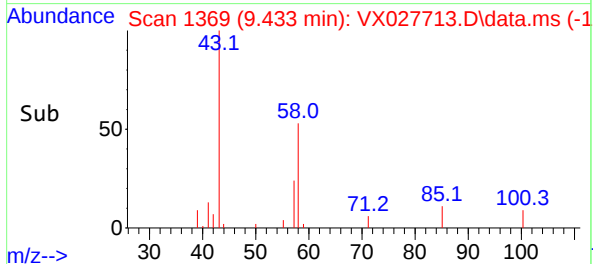
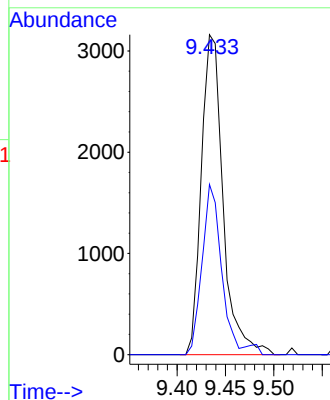
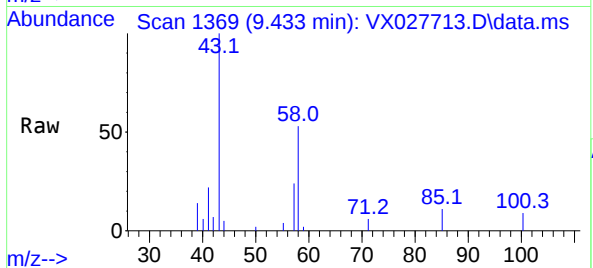
ClientSampleId :

LOQ-WATER-02-QT1-2022

Tgt Ion: 43 Resp: 4944
 Ion Ratio Lower Upper
 43 100
 58 47.5 31.9 95.7

Manual Integrations
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Reviewed By :John Carlone 03/26/2022
 Supervised By :Mahesh Dadoda 03/28/2022



#60

Dibromochloromethane

Concen: 0.911 ug/l

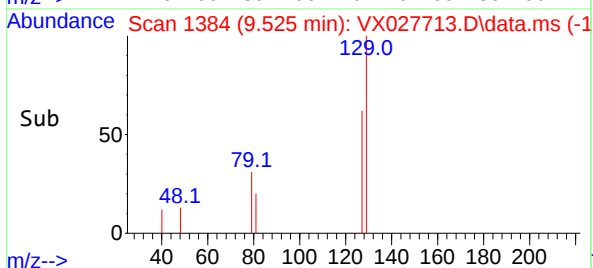
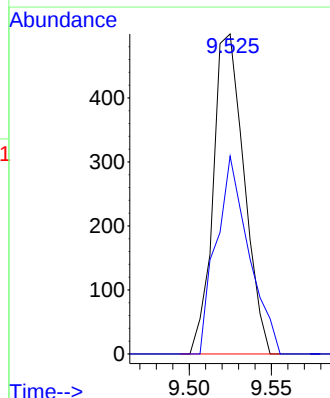
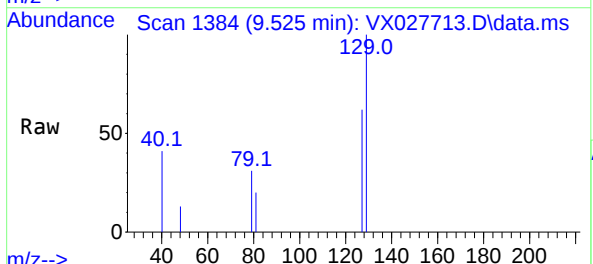
RT: 9.525 min Scan# 1384

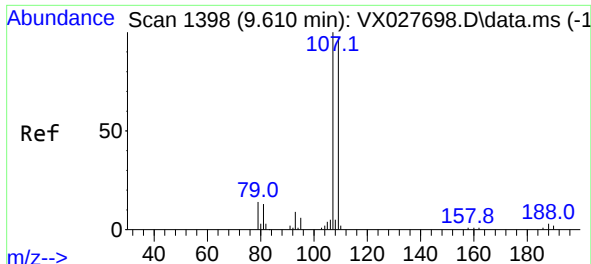
Delta R.T. -0.000 min

Lab File: VX027713.D

Acq: 25 Mar 2022 22:01

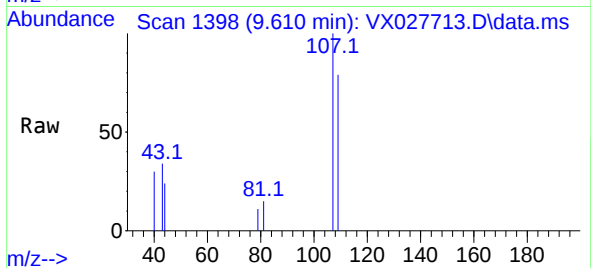
Tgt Ion:129 Resp: 654
 Ion Ratio Lower Upper
 129 100
 127 65.1 40.3 120.8





#61
1,2-Dibromoethane
Concen: 0.906 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

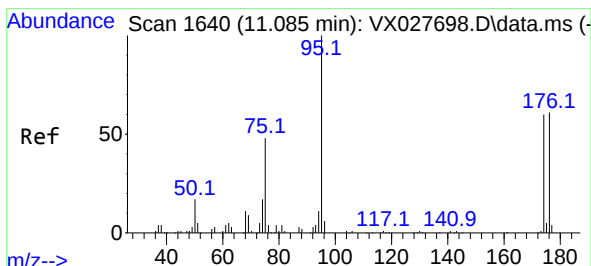
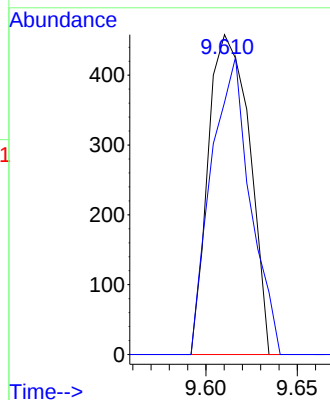
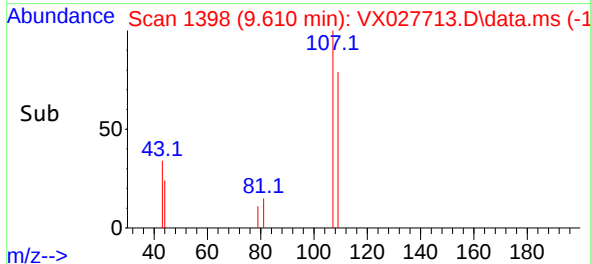
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2022



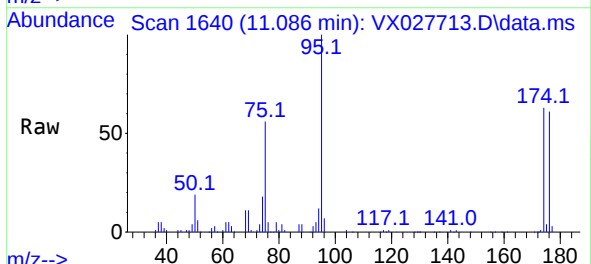
Tgt Ion:107 Resp: 718
Ion Ratio Lower Upper
107 100
109 88.3 74.4 111.6

Manual Integrations
APPROVED

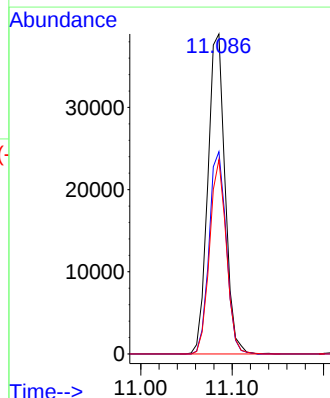
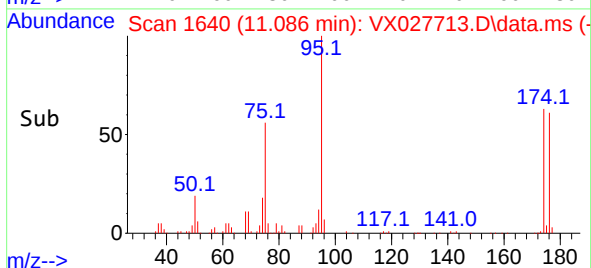
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

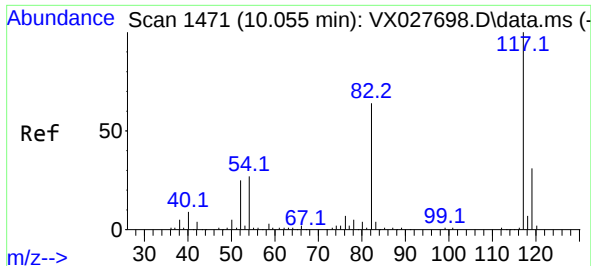


#62
4-Bromofluorobenzene
Concen: 48.295 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01



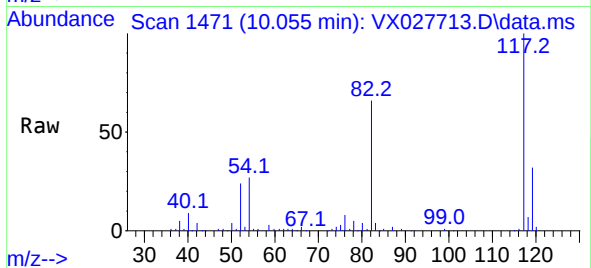
Tgt Ion: 95 Resp: 50725
Ion Ratio Lower Upper
95 100
174 63.0 0.0 163.0
176 59.0 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

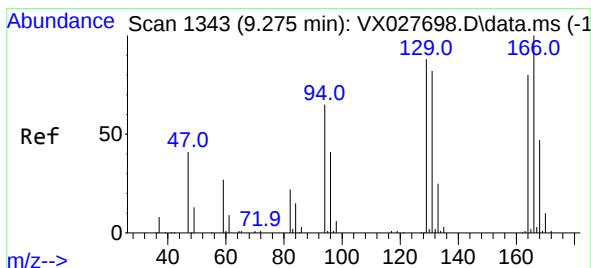
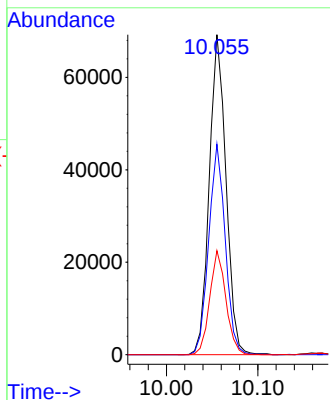
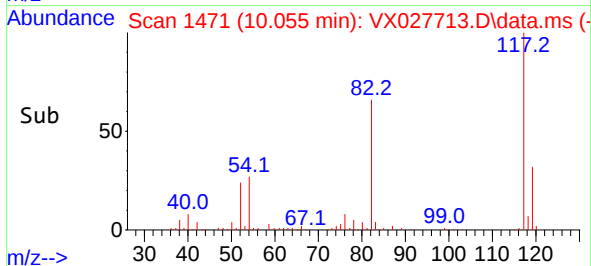
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2022



Tgt Ion:117 Resp: 87709
Ion Ratio Lower Upper
117 100
82 65.8 41.8 62.8
119 32.5 24.8 37.2

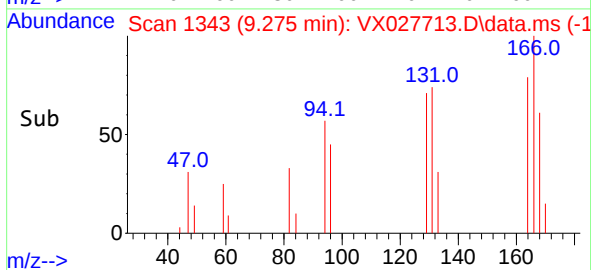
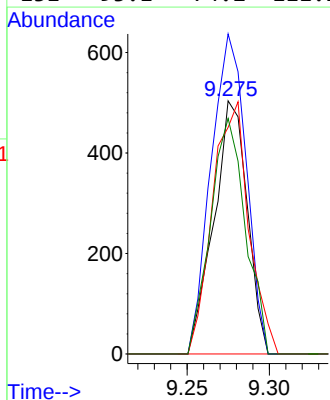
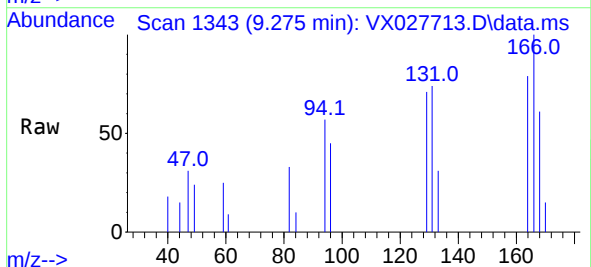
Manual Integrations
APPROVED

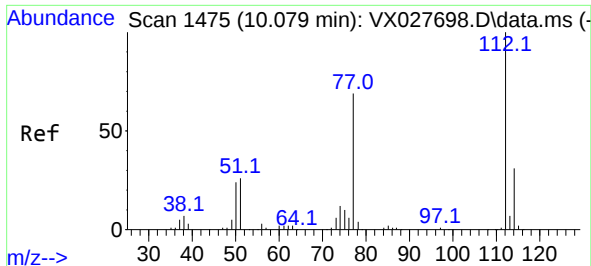
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#64
Tetrachloroethene
Concen: 1.080 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

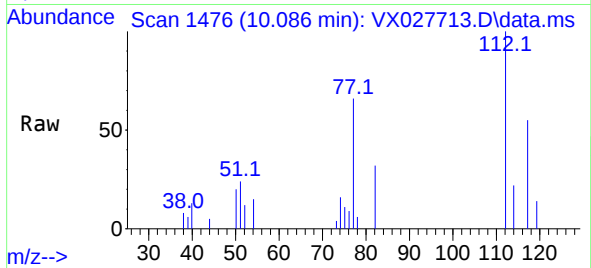
Tgt Ion:164 Resp: 711
Ion Ratio Lower Upper
164 100
166 126.4 101.2 151.8
129 89.5 73.0 109.4
131 93.1 74.2 111.2





#65
Chlorobenzene
Concen: 1.054 ug/l
RT: 10.086 min Scan# 1475
Delta R.T. 0.007 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

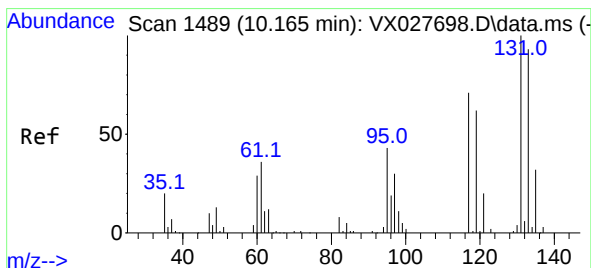
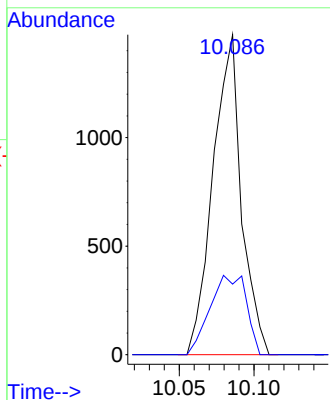
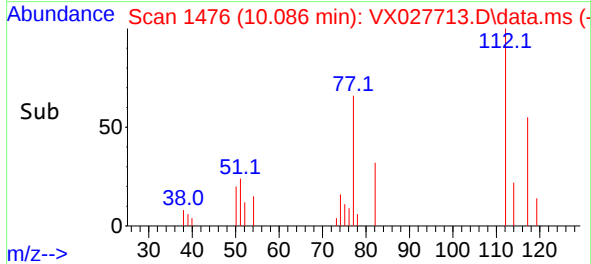
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2022



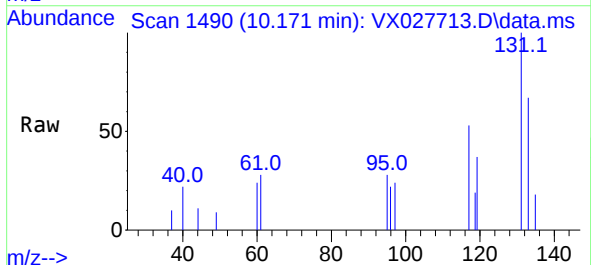
Tgt Ion:112 Resp: 194
Ion Ratio Lower Upper
112 100
114 22.0 25.8 38.8

Manual Integrations
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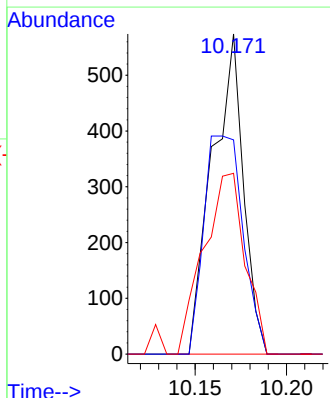
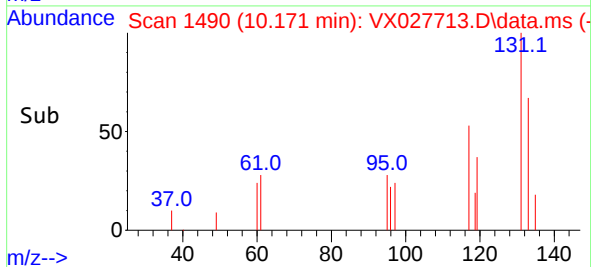
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

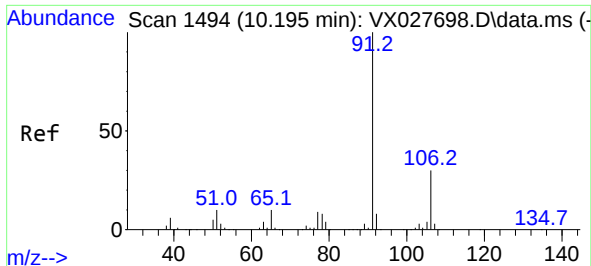


#66
1,1,1,2-Tetrachloroethane
Concen: 1.068 ug/l
RT: 10.171 min Scan# 1490
Delta R.T. 0.006 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01



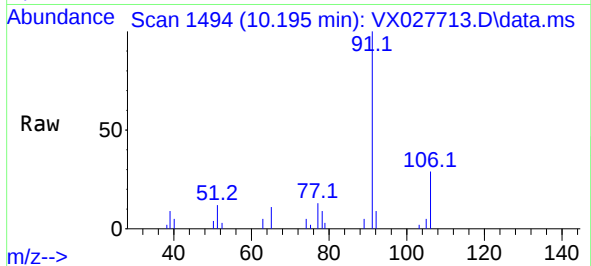
Tgt Ion:131 Resp: 678
Ion Ratio Lower Upper
131 100
133 85.8 48.3 144.8
119 0.0 32.6 98.0





#67
Ethyl Benzene
Concen: 0.986 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

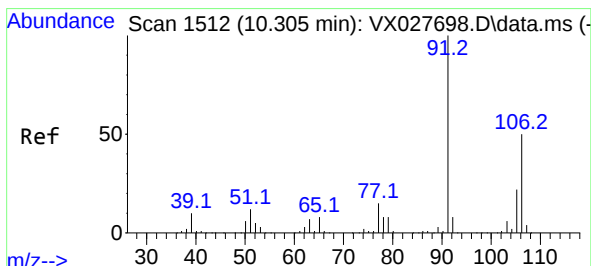
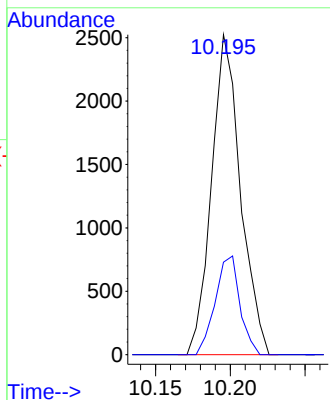
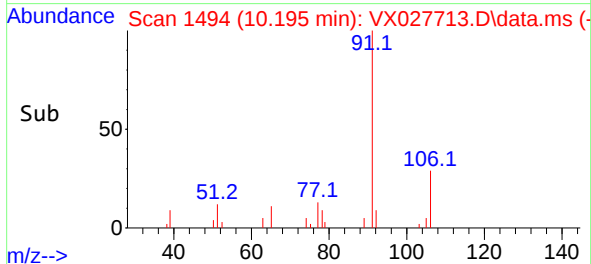
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2022



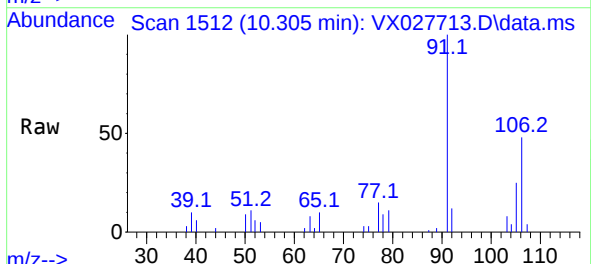
Tgt Ion: 91 Resp: 3392
Ion Ratio Lower Upper
91 100
106 28.9 24.6 36.8

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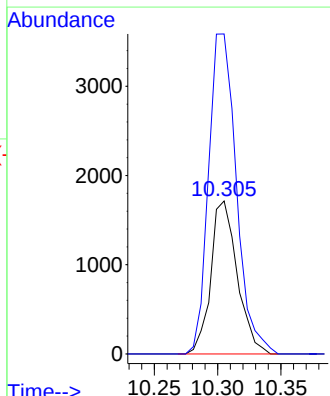
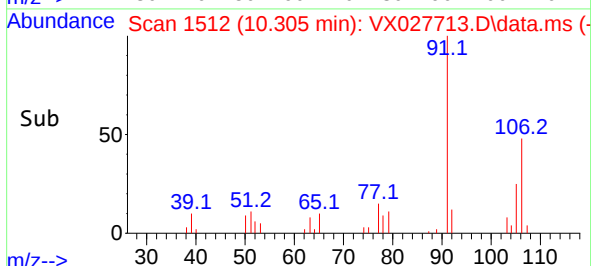
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

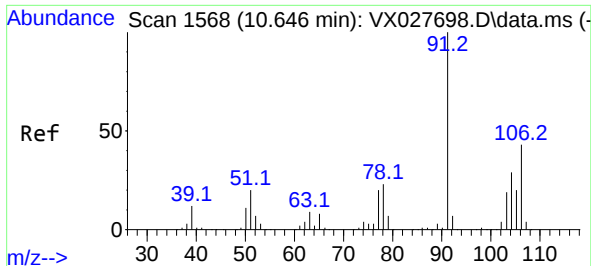


#68
m/p-Xylenes
Concen: 1.998 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01



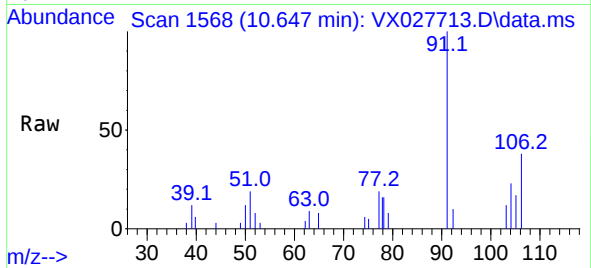
Tgt Ion:106 Resp: 2492
Ion Ratio Lower Upper
106 100
91 219.9 160.4 240.6





#69
o-Xylene
Concen: 0.981 ug/l
RT: 10.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

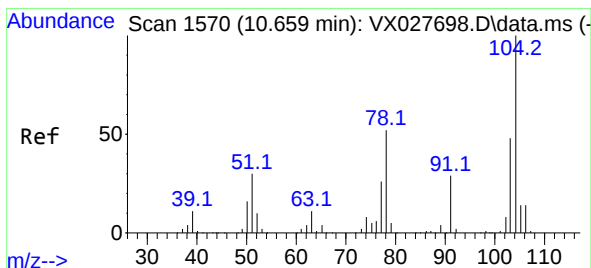
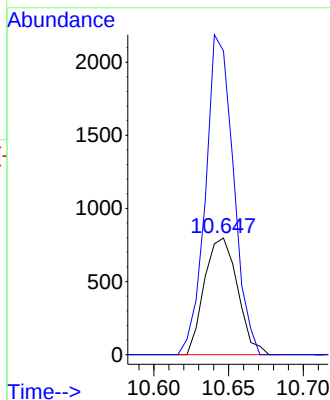
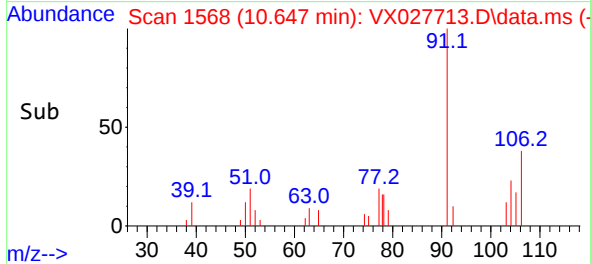
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2022



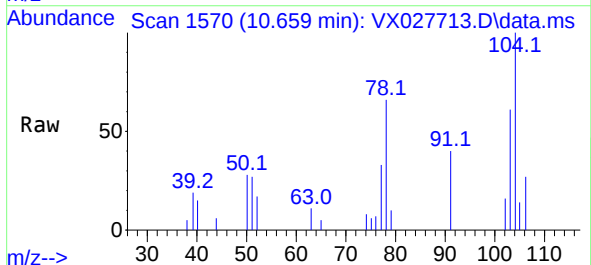
Tgt Ion:106 Resp: 1230
Ion Ratio Lower Upper
106 100
91 231.5 106.1 318.1

Manual Integrations
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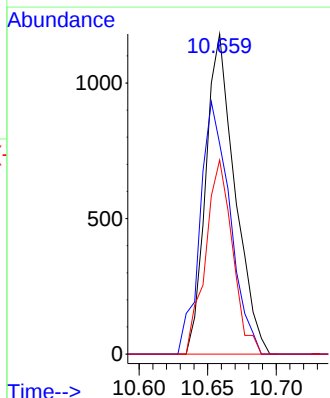
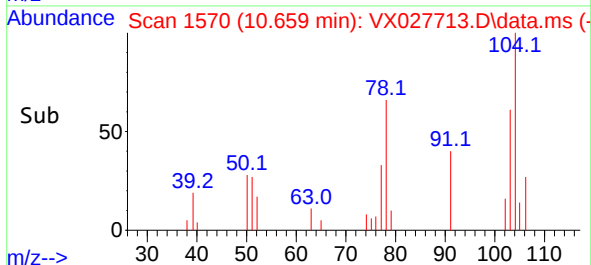
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

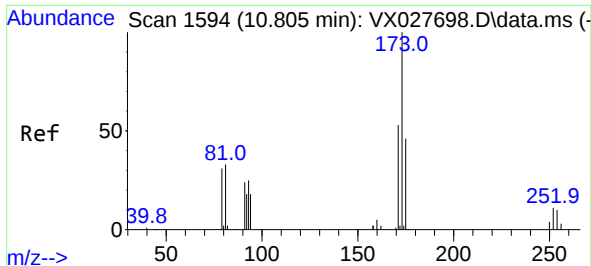


#70
Styrene
Concen: 0.876 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01



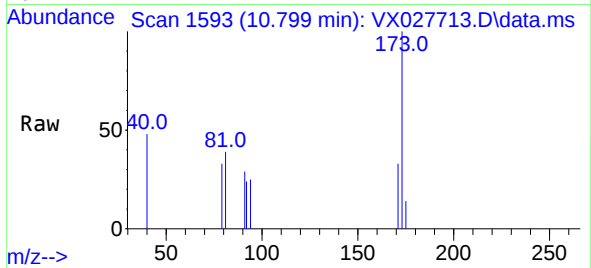
Tgt Ion:104 Resp: 1746
Ion Ratio Lower Upper
104 100
78 81.0 38.6 57.8#
103 56.2 43.8 65.8





#71
Bromoform
Concen: 1.000 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.006 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

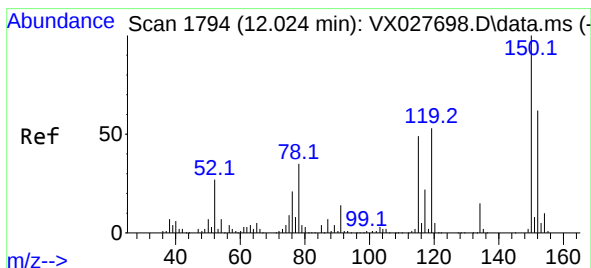
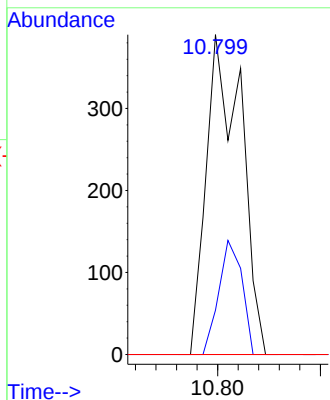
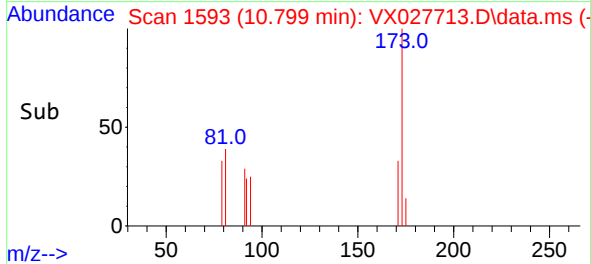
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2022



Tgt Ion:173 Resp: 460
Ion Ratio Lower Upper
173 100
175 23.7 24.1 72.2
254 0.0 0.1 0.1

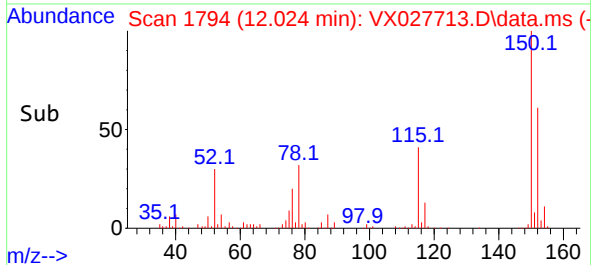
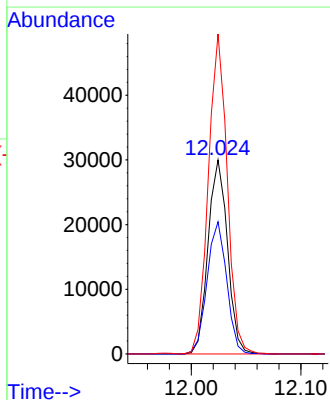
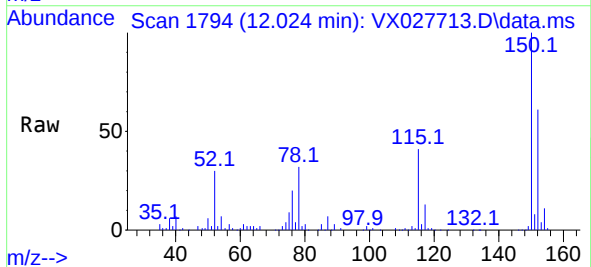
Manual Integrations
APPROVED

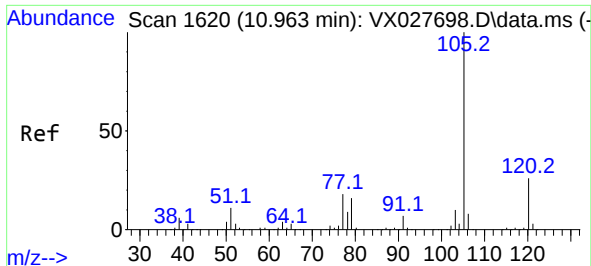
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

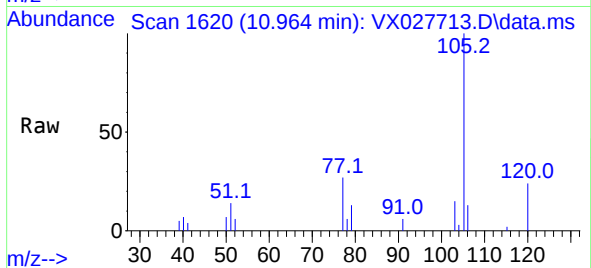
Tgt Ion:152 Resp: 36996
Ion Ratio Lower Upper
152 100
115 68.7 37.5 112.7
150 160.0 0.0 338.2





#73
Isopropylbenzene
Concen: 1.007 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

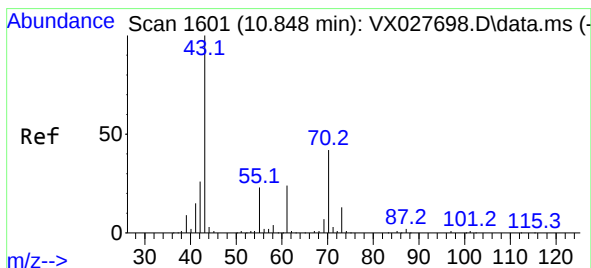
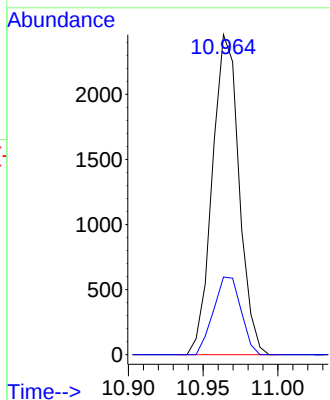
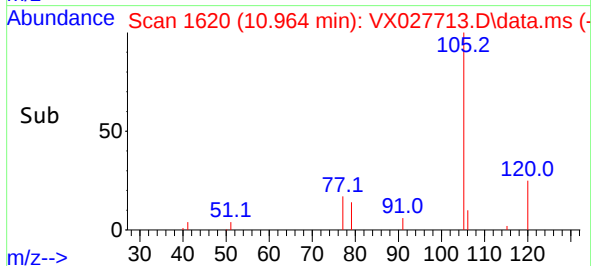
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2022



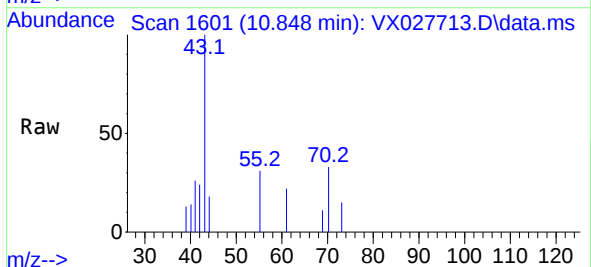
Tgt Ion:105 Resp: 3059
Ion Ratio Lower Upper
105 100
120 24.9 13.5 40.5

Manual Integrations
APPROVED

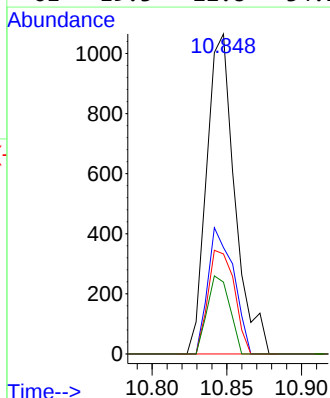
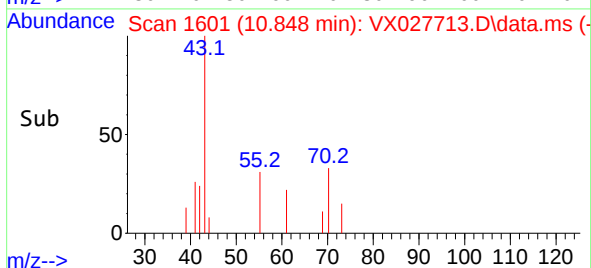
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

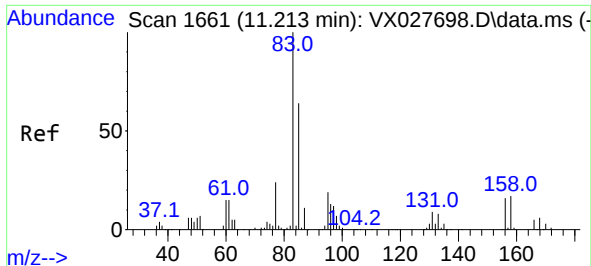


#74
N-ethyl acetate
Concen: 0.961 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01



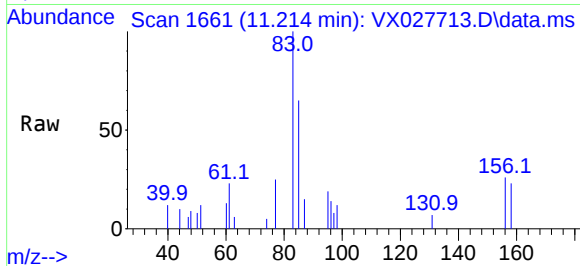
Tgt Ion: 43 Resp: 1402
Ion Ratio Lower Upper
43 100
70 35.7 42.5 63.7#
55 30.0 23.1 34.7
61 19.3 22.8 34.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 1.082 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.001 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

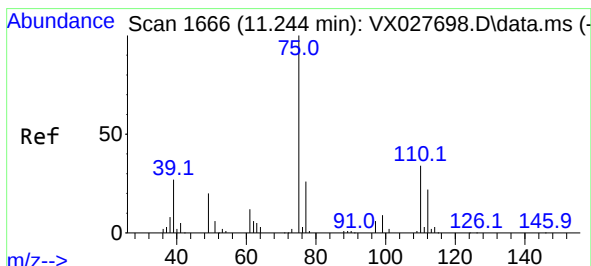
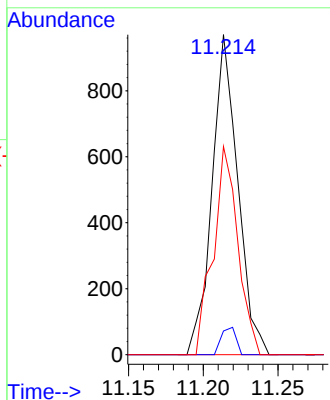
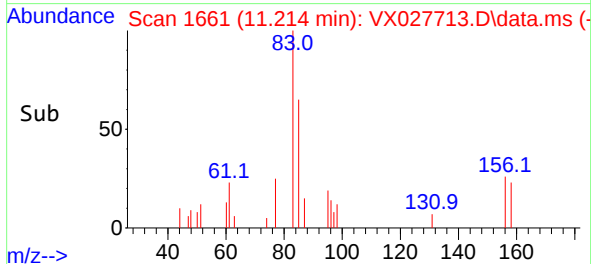
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2022



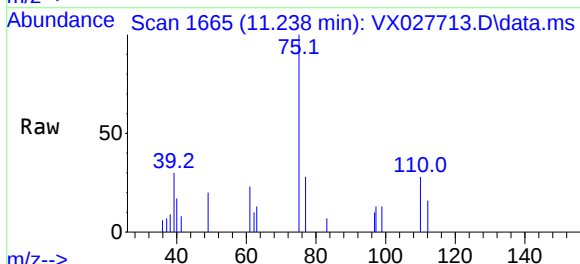
Tgt Ion: 83 Resp: 1159
Ion Ratio Lower Upper
83 100
131 4.9 5.1 15.3
85 62.5 32.6 97.7

Manual Integrations
APPROVED

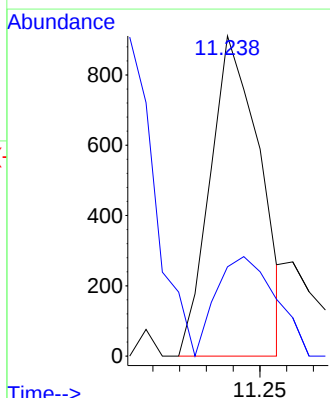
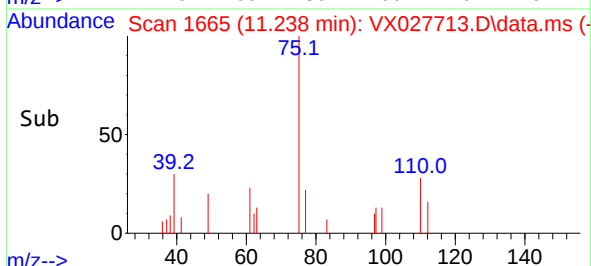
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

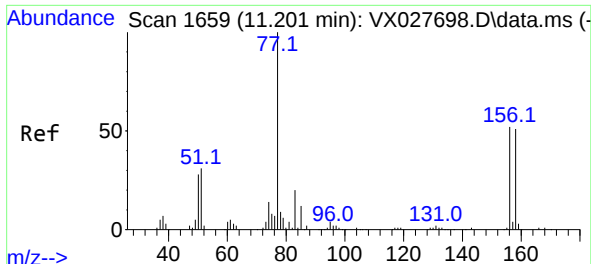


#76
1,2,3-Trichloropropane
Concen: 1.148 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01



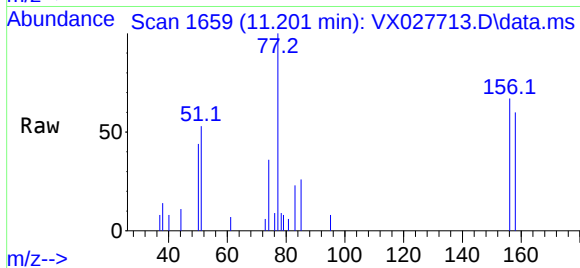
Tgt Ion: 75 Resp: 1182
Ion Ratio Lower Upper
75 100
77 37.1 19.4 58.2





#77
Bromobenzene
Concen: 1.107 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

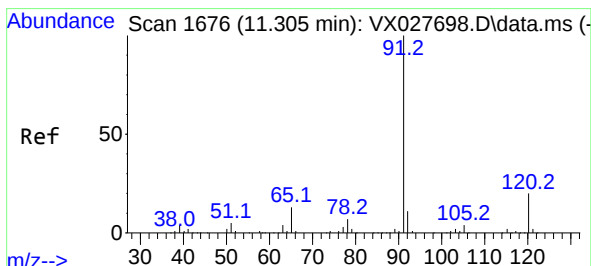
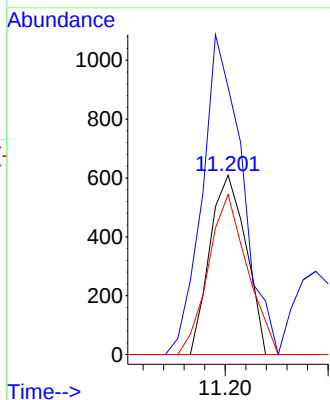
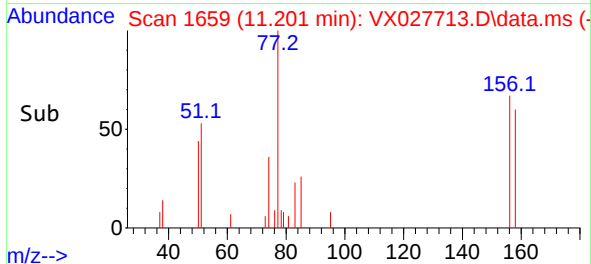
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2022



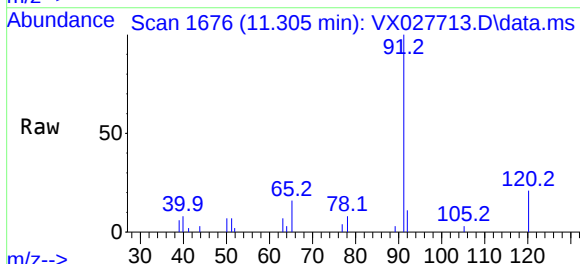
Tgt Ion: 156 Resp: 74
Ion Ratio Lower Upper
156 100
77 196.6 78.5 235.3
158 96.5 50.2 150.7

Manual Integrations
APPROVED

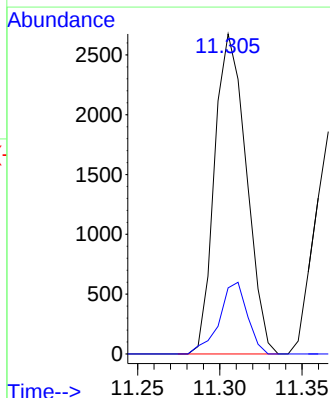
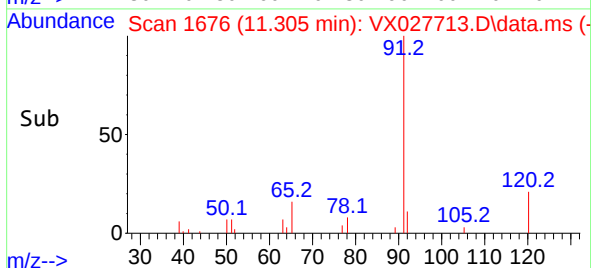
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

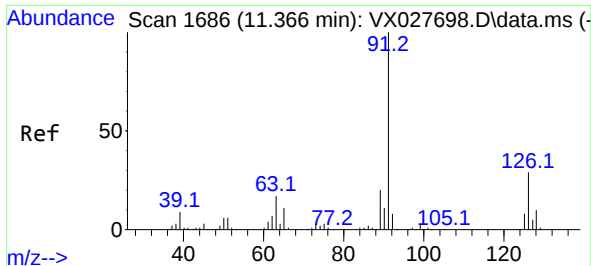


#78
n-propylbenzene
Concen: 0.997 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01



Tgt Ion: 91 Resp: 3595
Ion Ratio Lower Upper
91 100
120 19.8 11.6 34.8





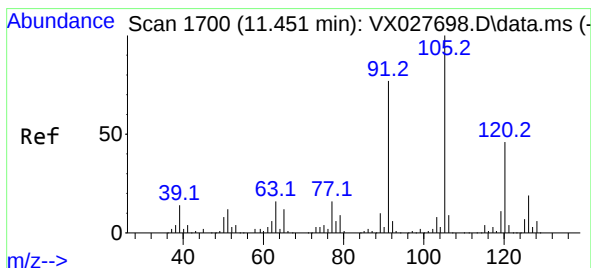
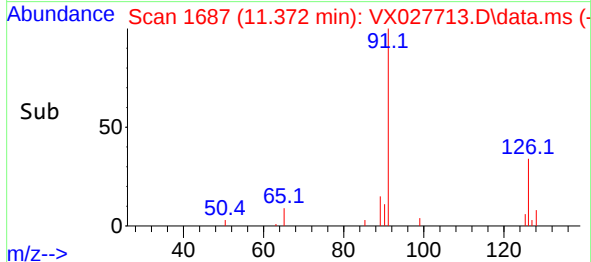
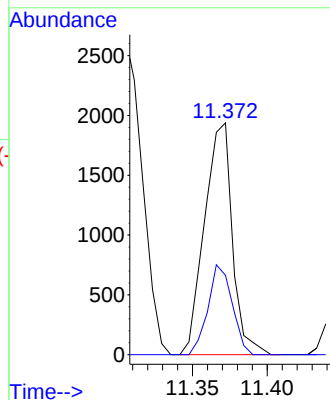
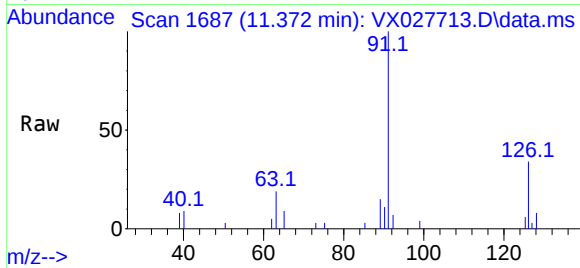
#79
2-Chlorotoluene
Concen: 1.105 ug/l
RT: 11.372 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion: 91 Resp: 251
Ion Ratio Lower Upper
91 100
126 33.7 17.3 51.9

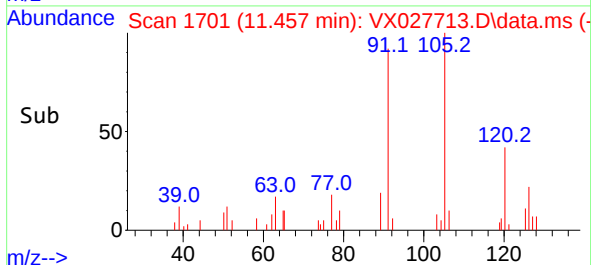
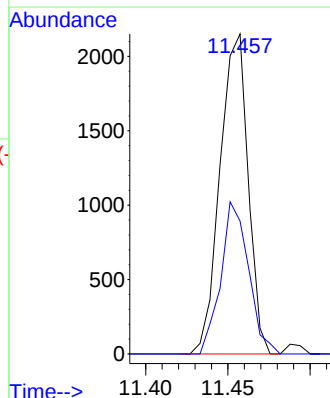
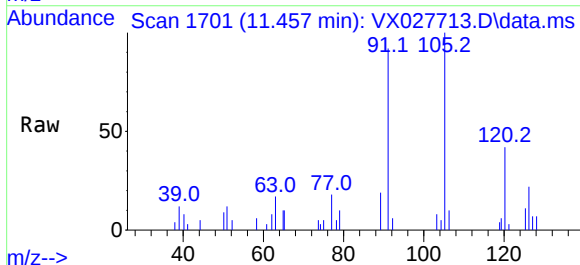
Manual Integrations
APPROVED

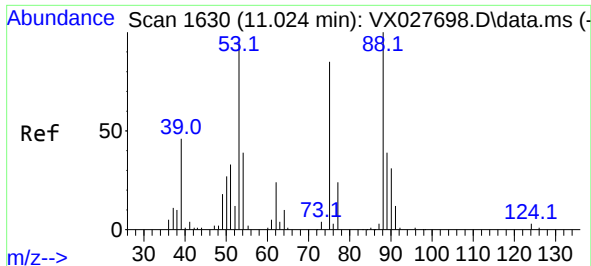
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 0.980 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

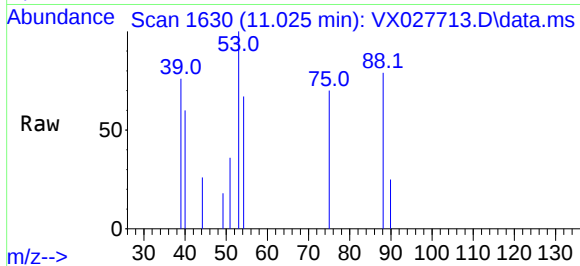
Tgt Ion:105 Resp: 2559
Ion Ratio Lower Upper
105 100
120 46.9 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 0.773 ug/l m
RT: 11.025 min Scan# 1630
Delta R.T. 0.001 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

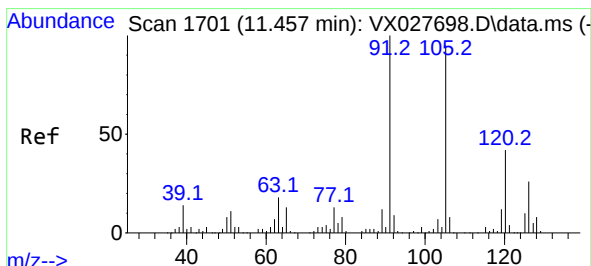
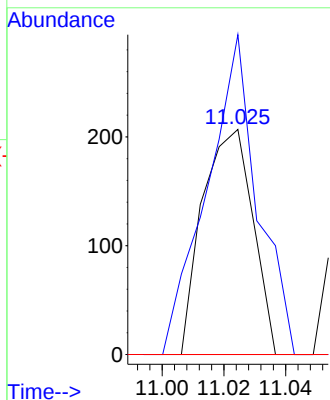
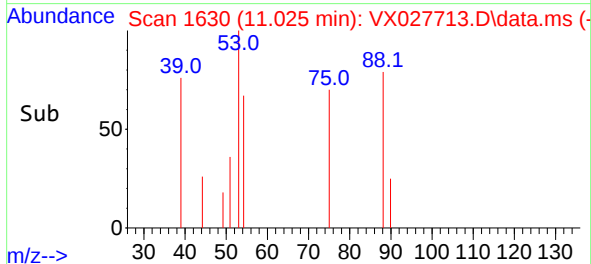
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2022



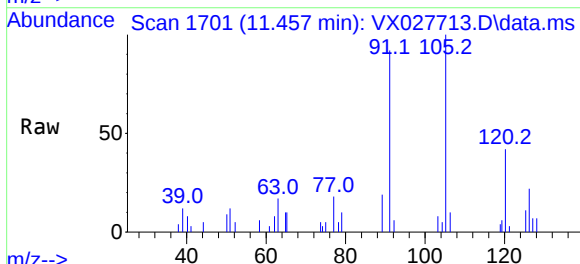
Tgt Ion: 75 Resp: 234
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4
89 0.0 37.0 55.6

Manual Integrations
APPROVED

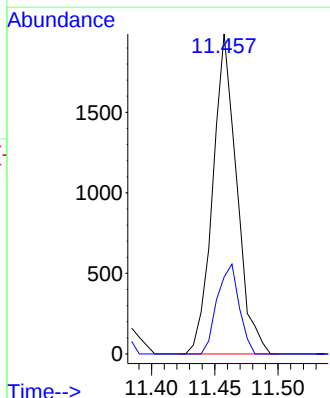
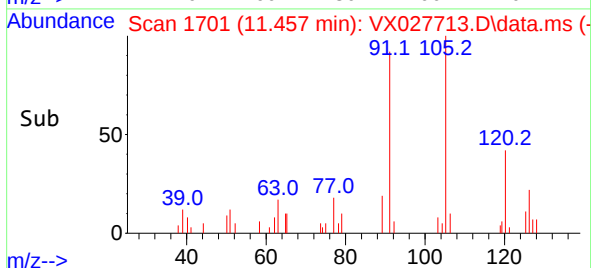
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

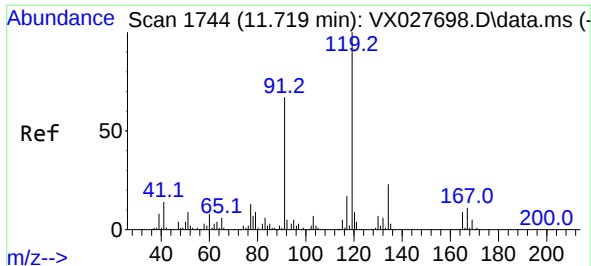


#82
4-Chlorotoluene
Concen: 1.001 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01



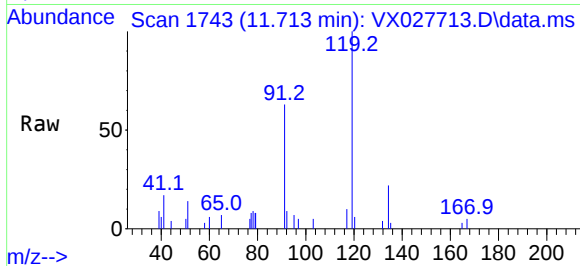
Tgt Ion: 91 Resp: 2617
Ion Ratio Lower Upper
91 100
126 25.6 14.9 44.5





#83
tert-Butylbenzene
Concen: 1.024 ug/l
RT: 11.713 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

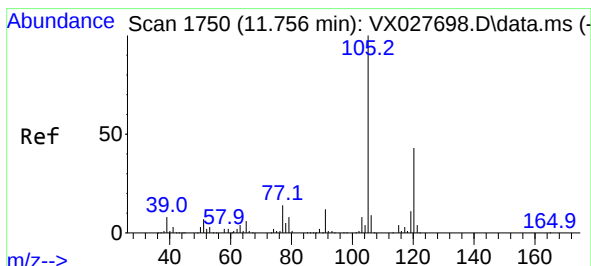
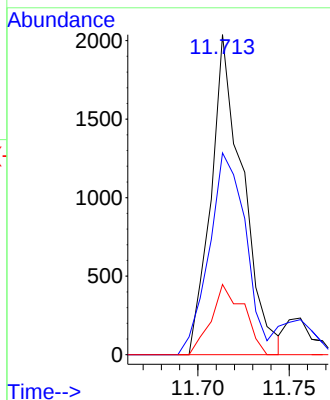
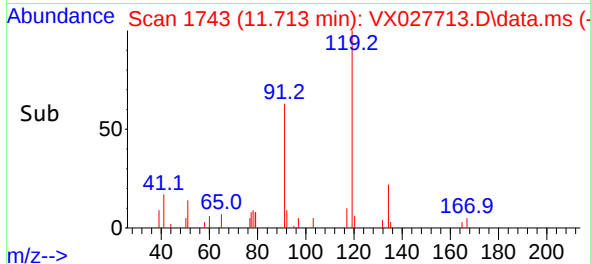
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2022



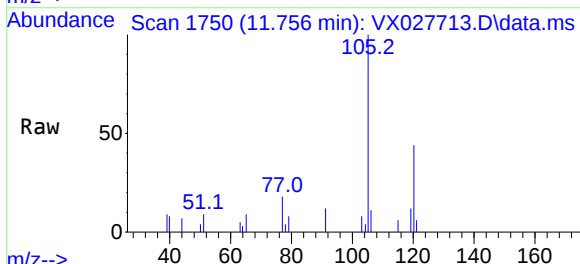
Tgt Ion:119 Resp: 245
Ion Ratio Lower Upper
119 100
91 72.5 26.9 80.6
134 22.6 11.4 34.2

Manual Integrations
APPROVED

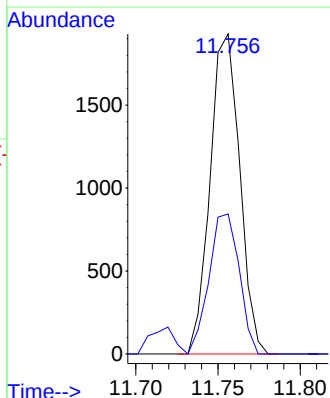
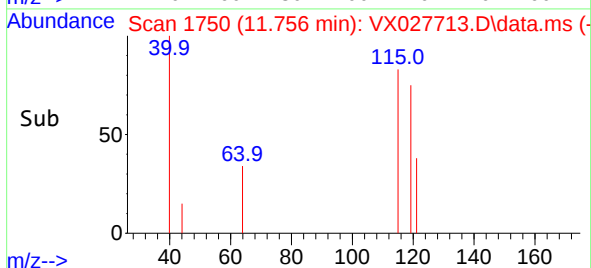
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

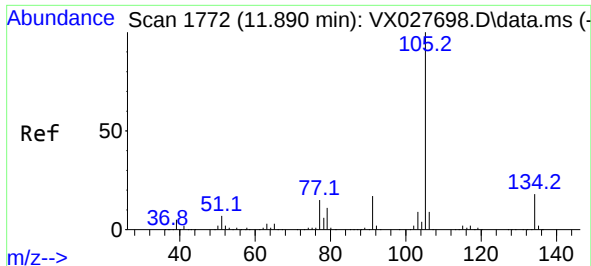


#84
1,2,4-Trimethylbenzene
Concen: 0.911 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01



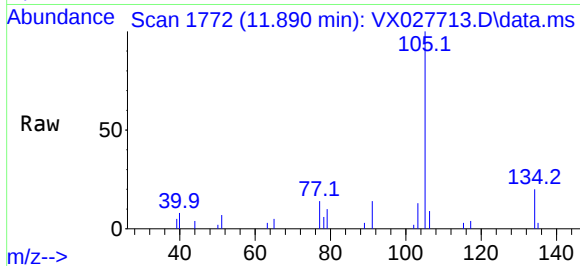
Tgt Ion:105 Resp: 2416
Ion Ratio Lower Upper
105 100
120 44.6 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 0.939 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX027713.D
 Acq: 25 Mar 2022 22:01

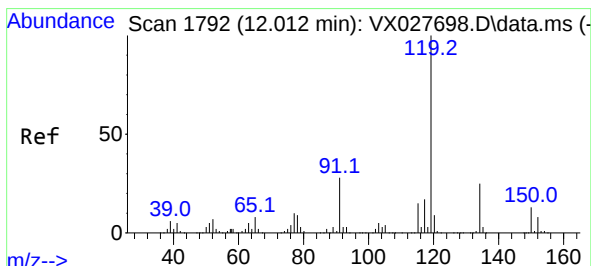
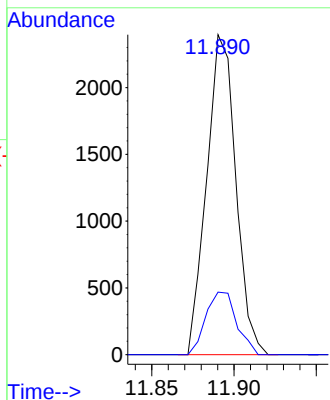
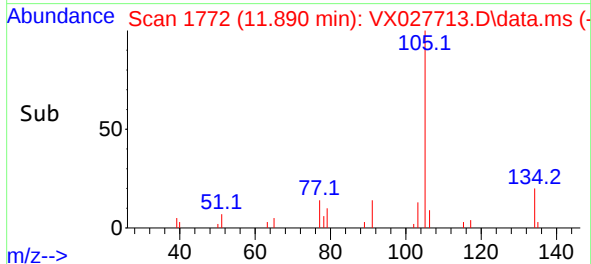
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2022



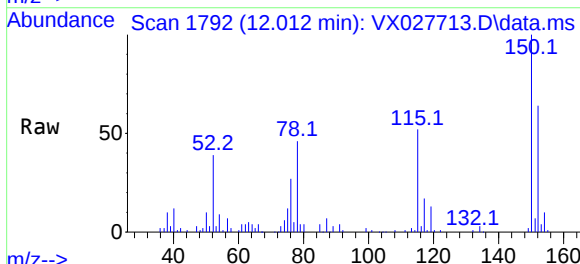
Tgt Ion:105 Resp: 2952
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.4

Manual Integrations
 APPROVED

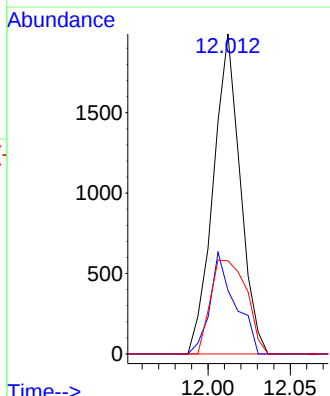
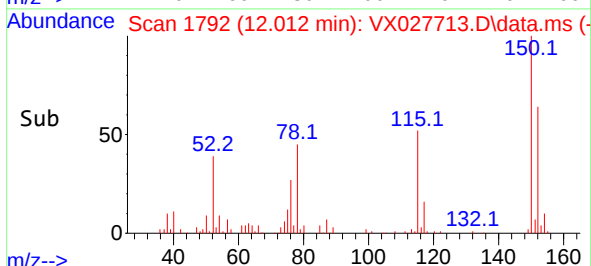
Reviewed By :John Carlone 03/26/2022
 Supervised By :Mahesh Dadoda 03/28/2022



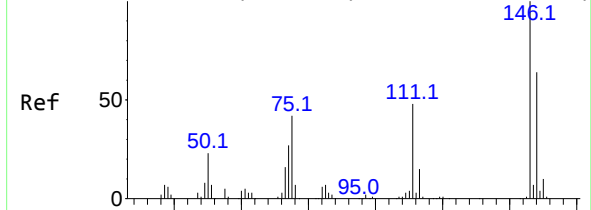
#86
 p-Isopropyltoluene
 Concen: 0.916 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX027713.D
 Acq: 25 Mar 2022 22:01



Tgt Ion:119 Resp: 2267
 Ion Ratio Lower Upper
 119 100
 134 29.5 13.0 39.0
 91 39.0 11.3 33.9#

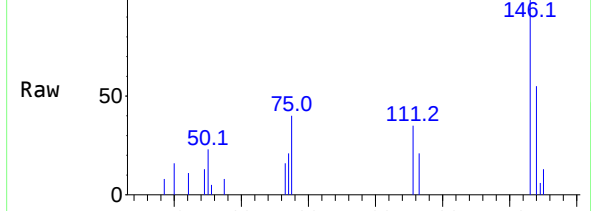


Abundance Scan 1785 (11.969 min): VX027698.D\data.ms (-



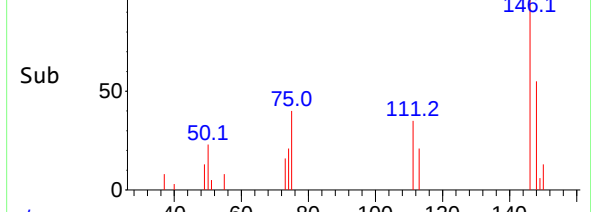
m/z-->

Abundance Scan 1786 (11.976 min): VX027713.D\data.ms



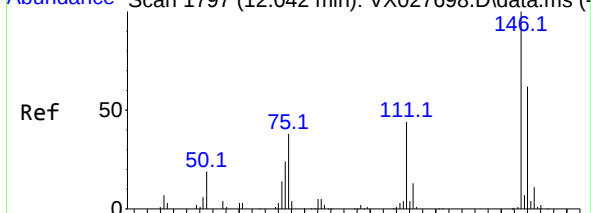
m/z-->

Abundance Scan 1786 (11.976 min): VX027713.D\data.ms (-



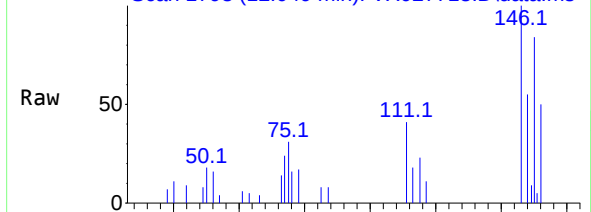
m/z-->

Abundance Scan 1797 (12.042 min): VX027698.D\data.ms (-



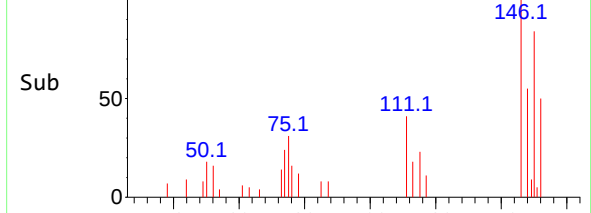
m/z-->

Abundance Scan 1798 (12.049 min): VX027713.D\data.ms



m/z-->

Abundance Scan 1798 (12.049 min): VX027713.D\data.ms (-



m/z-->

#87

1,3-Dichlorobenzene

Concen: 1.142 ug/l

RT: 11.976 min Scan# 1786

Delta R.T. 0.007 min

Lab File: VX027713.D

Acq: 25 Mar 2022 22:01

Tgt Ion:146 Resp: 143

Ion Ratio Lower Upper

146 100

111 40.3 19.7 59.1

148 53.6 31.6 94.7

Instrument :

MSVOA_X

ClientSampleId :

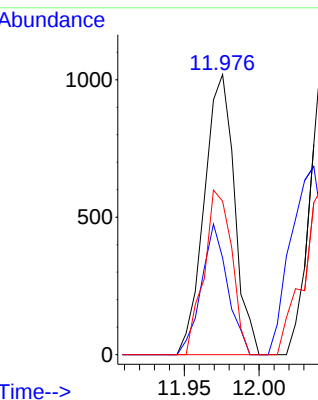
LOQ-WATER-02-QT1-2022

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#88

1,4-Dichlorobenzene

Concen: 1.164 ug/l m

RT: 12.049 min Scan# 1798

Delta R.T. 0.007 min

Lab File: VX027713.D

Acq: 25 Mar 2022 22:01

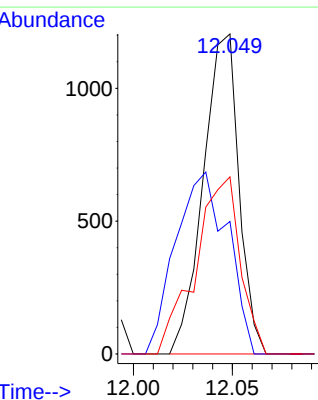
Tgt Ion:146 Resp: 1513

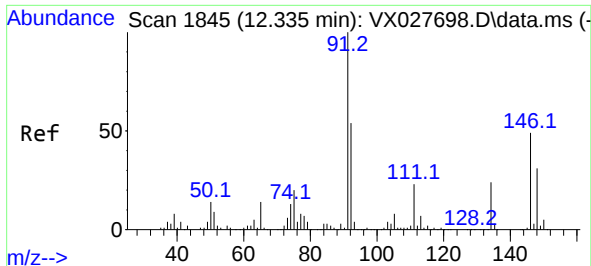
Ion Ratio Lower Upper

146 100

111 38.2 19.2 57.6

148 50.8 32.3 96.9





#89

n-Butylbenzene

Concen: 0.960 ug/l

RT: 12.341 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX027713.D

Acq: 25 Mar 2022 22:01

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2022

Tgt Ion: 91 Resp: 224

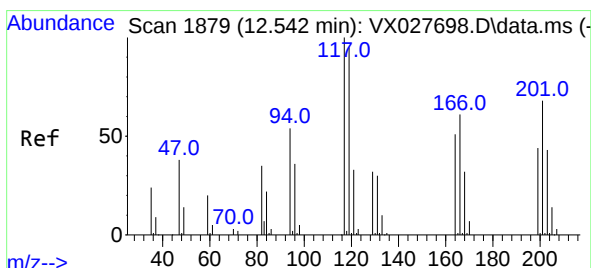
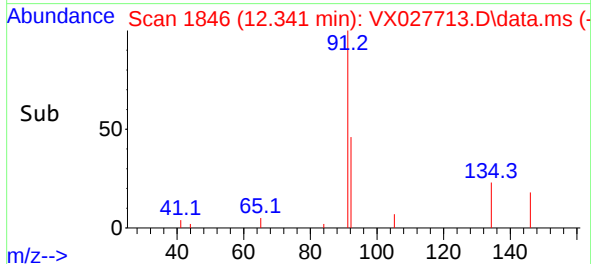
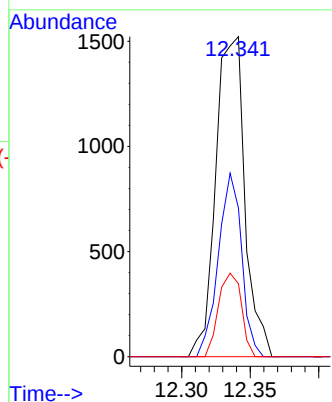
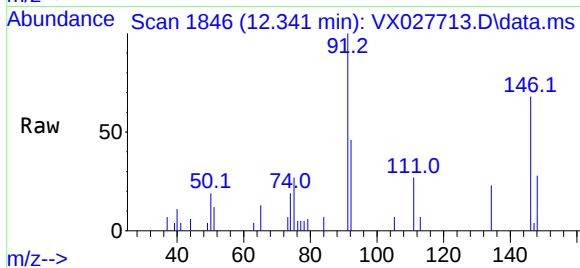
Ion	Ratio	Lower	Upper
91	100		
92	45.8	27.8	83.3
134	20.5	13.3	39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#90

Hexachloroethane

Concen: 0.806 ug/l

RT: 12.536 min Scan# 1878

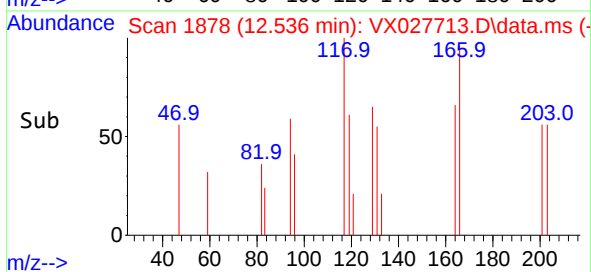
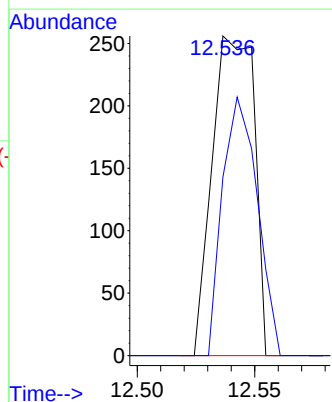
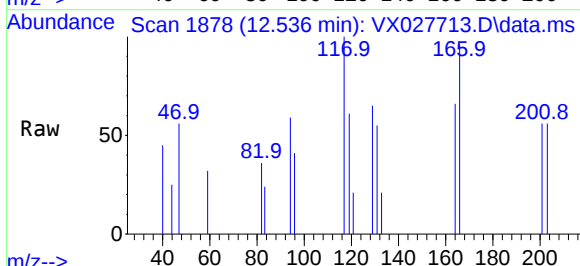
Delta R.T. -0.006 min

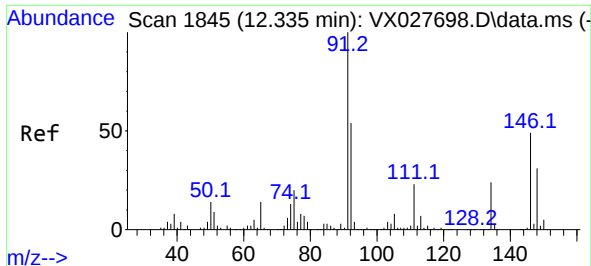
Lab File: VX027713.D

Acq: 25 Mar 2022 22:01

Tgt Ion:117 Resp: 318

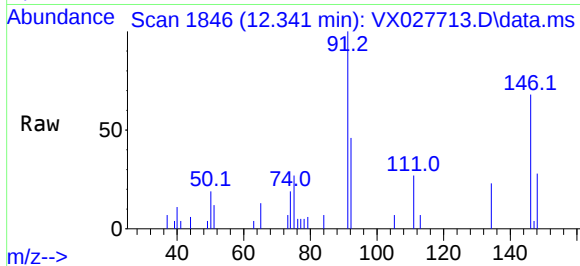
Ion	Ratio	Lower	Upper
117	100		
201	67.3	39.5	118.5





#91
1,2-Dichlorobenzene
Concen: 1.131 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

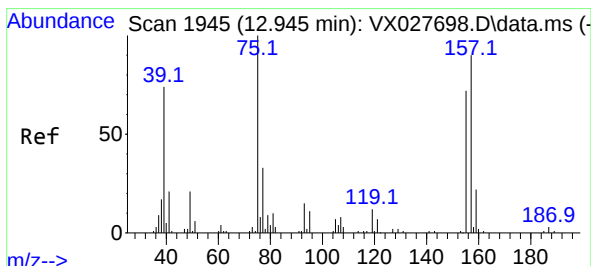
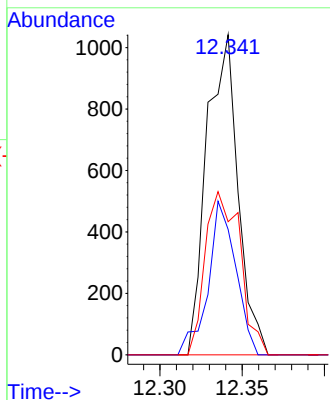
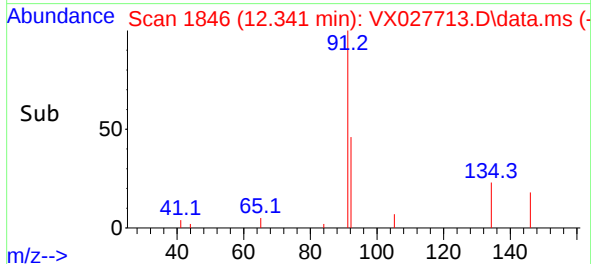
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2022



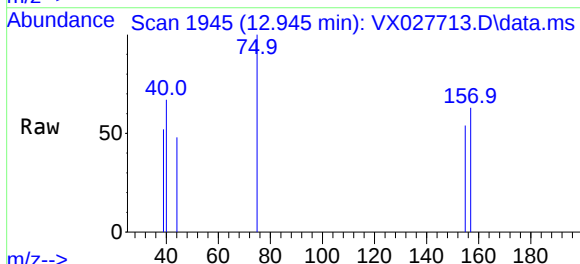
Tgt Ion:146 Resp: 137
Ion Ratio Lower Upper
146 100
111 42.2 21.0 63.0
148 56.8 32.6 97.7

Manual Integrations
APPROVED

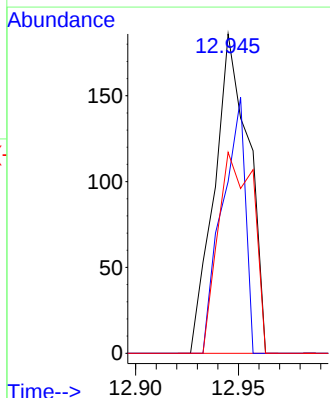
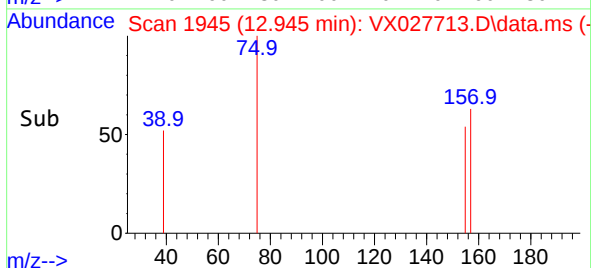
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

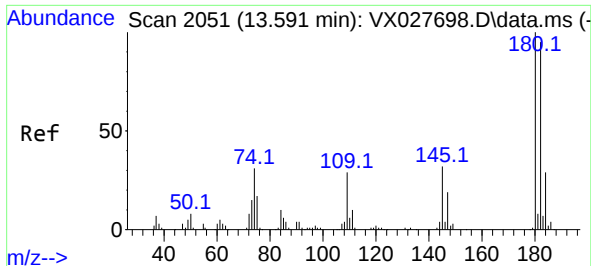


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.823 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01



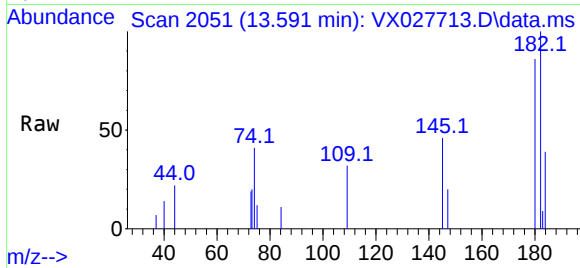
Tgt Ion: 75 Resp: 216
Ion Ratio Lower Upper
75 100
155 54.2 47.0 141.2
157 64.4 57.9 173.6





#93
1,2,4-Trichlorobenzene
Concen: 0.946 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

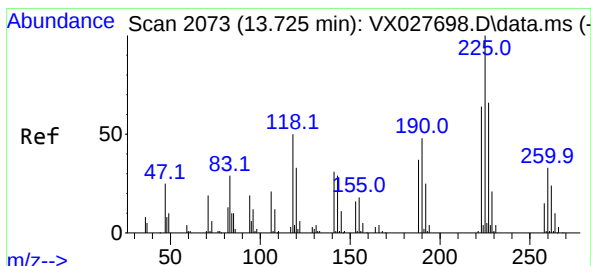
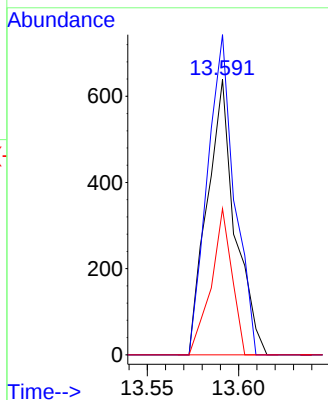
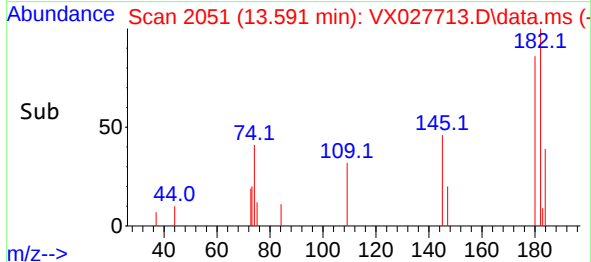
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2022



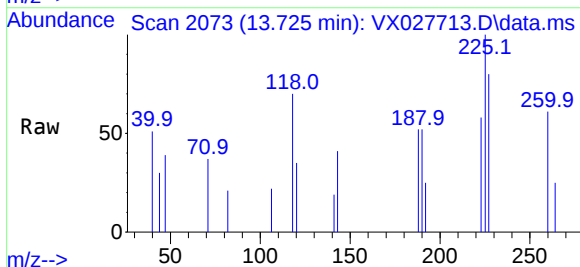
Tgt Ion:180 Resp: 679
Ion Ratio Lower Upper
180 100
182 112.8 47.7 143.1
145 39.6 15.2 45.5

Manual Integrations
APPROVED

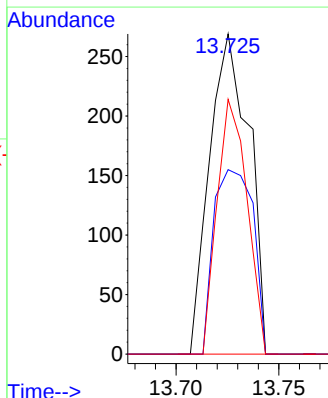
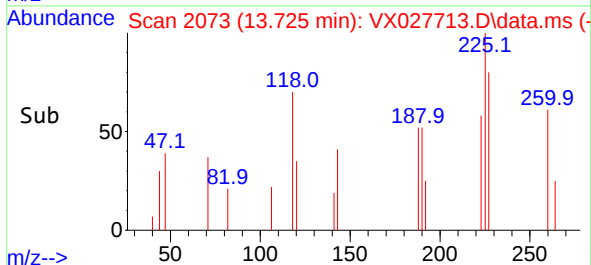
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

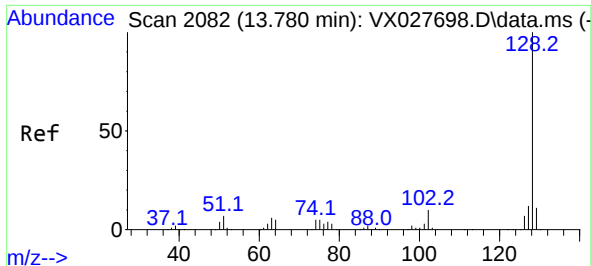


#94
Hexachlorobutadiene
Concen: 1.025 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01



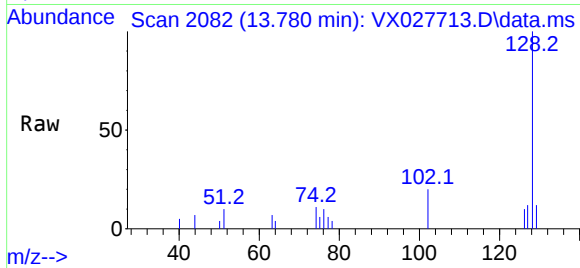
Tgt Ion:225 Resp: 358
Ion Ratio Lower Upper
225 100
223 57.5 34.2 102.5
227 60.9 33.9 101.7





#95
Naphthalene
Concen: 0.871 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01

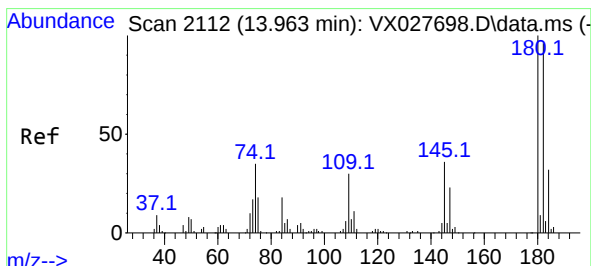
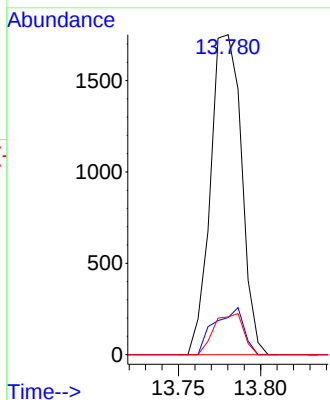
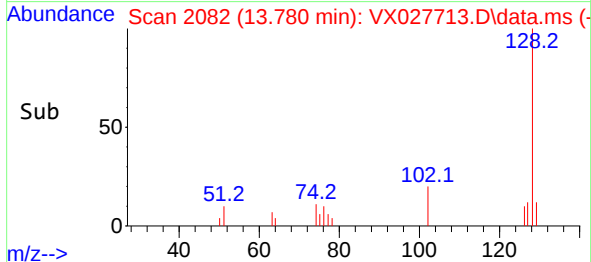
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2022



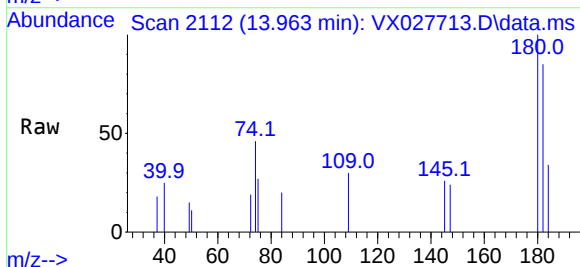
Tgt Ion:128 Resp: 2290
Ion Ratio Lower Upper
128 100
127 13.9 10.2 15.4
129 12.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#96
1,2,3-Trichlorobenzene
Concen: 1.038 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX027713.D
Acq: 25 Mar 2022 22:01



Tgt Ion:180 Resp: 744
Ion Ratio Lower Upper
180 100
182 87.0 50.0 149.8
145 36.2 16.2 48.5

