

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111821\
 Data File : VX025206.D
 Acq On : 18 Nov 2021 12:02
 Operator : JC/MD
 Sample : M4068-09 .75PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Nov 19 09:54:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 19 09:51:46 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/19/2021
 Supervised By : Mahesh Dadoda 11/26/2021

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	105322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	165108	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	148550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62236	56.060	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.120%			
35) Dibromofluoromethane	5.391	113	56006	55.285	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.560%			
50) Toluene-d8	8.653	98	202172	53.078	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.160%			
62) 4-Bromofluorobenzene	11.085	95	72223	50.122	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	575	0.630	ug/l	90
3) Chloromethane	1.294	50	891	0.788	ug/l #	87
4) Vinyl Chloride	1.374	62	902	0.727	ug/l #	86
5) Bromomethane	1.605	94	1194	2.238	ug/l #	79
6) Chloroethane	1.685	64	716	0.836	ug/l #	81
7) Trichlorofluoromethane	1.886	101	1448	0.786	ug/l	98
8) Diethyl Ether	2.136	74	609	0.801	ug/l #	38
9) 1,1,2-Trichlorotrifluo...	2.325	101	739	0.754	ug/l	95
10) Methyl Iodide	2.453	142	934	0.762	ug/l #	89
11) Tert butyl alcohol	2.947	59	2544	8.508	ug/l #	88
12) 1,1-Dichloroethene	2.313	96	715	0.732	ug/l #	75
13) Acrolein	2.233	56	333	6.548	ug/l #	1
14) Allyl chloride	2.666	41	1558	0.882	ug/l	91
15) Acrylonitrile	3.068	53	2357	3.956	ug/l	94
16) Acetone	2.386	43	3189	5.170	ug/l	97
17) Carbon Disulfide	2.514	76	2136	0.778	ug/l #	85
18) Methyl Acetate	2.709	43	1668	0.846	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	2754	0.810	ug/l	98
20) Methylene Chloride	2.794	84	1069	0.922	ug/l	86
21) trans-1,2-Dichloroethene	3.087	96	879	0.822	ug/l #	77
22) Diisopropyl ether	3.770	45	2588	0.769	ug/l #	86
23) Vinyl Acetate	3.727	43	10117	3.744	ug/l	95
24) 1,1-Dichloroethane	3.617	63	1472	0.801	ug/l #	83
25) 2-Butanone	4.574	43	3893	4.365	ug/l #	88
26) 2,2-Dichloropropane	4.483	77	1280	0.768	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	938	0.751	ug/l #	4
28) Bromochloromethane	4.904	49	657	0.766	ug/l #	98
29) Tetrahydrofuran	5.019	42	2260	4.093	ug/l	97
30) Chloroform	5.111	83	1577	0.824	ug/l #	76
31) Cyclohexane	5.464	56	1426	0.831	ug/l	99
32) 1,1,1-Trichloroethane	5.397	97	1373	0.784	ug/l #	51
36) 1,1-Dichloropropene	5.690	75	1100	0.764	ug/l	96
37) Ethyl Acetate	4.721	43	1617	0.987	ug/l #	77
38) Carbon Tetrachloride	5.678	117	1161	0.732	ug/l #	95
39) Methylcyclohexane	7.379	83	1292	0.699	ug/l	90
40) Benzene	6.044	78	3346	0.767	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	870	0.956	ug/l #	75
42) 1,2-Dichloroethane	6.092	62	1166	0.821	ug/l	93
43) Isopropyl Acetate	6.348	43	2279	0.836	ug/l #	94
44) Trichloroethene	7.129	130	977	0.771	ug/l	78
45) 1,2-Dichloropropane	7.440	63	866	0.808	ug/l	95
46) Dibromomethane	7.592	93	605	0.778	ug/l	92
47) Bromodichloromethane	7.824	83	1129	0.738	ug/l #	96
48) Methyl methacrylate	7.696	41	1011	0.790	ug/l	96
49) 1,4-Dioxane	7.665	88	372	13.761	ug/l	92
51) 4-Methyl-2-Pentanone	8.574	43	6302	3.685	ug/l	97
52) Toluene	8.720	92	2196	0.771	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	1366	0.803	ug/l	94
54) cis-1,3-Dichloropropene	8.372	75	1350	0.732	ug/l	97
55) 1,1,2-Trichloroethane	9.159	97	939	0.829	ug/l	94
56) Ethyl methacrylate	9.122	69	1432	0.779	ug/l	98
57) 1,3-Dichloropropane	9.311	76	1495	0.797	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.244	63	3914	4.578	ug/l	96
59) 2-Hexanone	9.433	43	4819	3.574	ug/l	95
60) Dibromochloromethane	9.525	129	939	0.721	ug/l	94
61) 1,2-Dibromoethane	9.610	107	902	0.736	ug/l	92
64) Tetrachloroethene	9.275	164	1003	0.819	ug/l	86
65) Chlorobenzene	10.079	112	2422	0.800	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	781	0.673	ug/l #	55
67) Ethyl Benzene	10.195	91	3778	0.722	ug/l	93
68) m/p-Xylenes	10.305	106	3121	1.461	ug/l	96
69) o-Xylene	10.640	106	1513	0.723	ug/l	99
70) Styrene	10.659	104	2353	0.681	ug/l	99
71) Bromoform	10.799	173	670	0.665	ug/l #	91
73) Isopropylbenzene	10.963	105	3816	0.767	ug/l	98
74) N-amyl acetate	10.848	43	1662	0.772	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	1197	0.744	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	1257m	0.879	ug/l	
77) Bromobenzene	11.201	156	1016	0.794	ug/l	94
78) n-propylbenzene	11.305	91	4156	0.744	ug/l	100
79) 2-Chlorotoluene	11.366	91	2786	0.819	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	3187	0.762	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	347m	0.611	ug/l	
82) 4-Chlorotoluene	11.457	91	2923	0.753	ug/l	97
83) tert-Butylbenzene	11.719	119	3379	0.795	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	3065	0.741	ug/l	94
85) sec-Butylbenzene	11.896	105	3670	0.710	ug/l	99
86) p-Isopropyltoluene	12.012	119	3138	0.707	ug/l	92
87) 1,3-Dichlorobenzene	11.975	146	1839	0.772	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	1910m	0.791	ug/l	
89) n-Butylbenzene	12.335	91	2464	0.658	ug/l	94
90) Hexachloroethane	12.542	117	578	0.706	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	1920	0.827	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.951	75	239	0.711	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	822	0.602	ug/l	91
94) Hexachlorobutadiene	13.725	225	438	0.668	ug/l	82
95) Naphthalene	13.780	128	1841	0.433	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	758	0.567	ug/l	99

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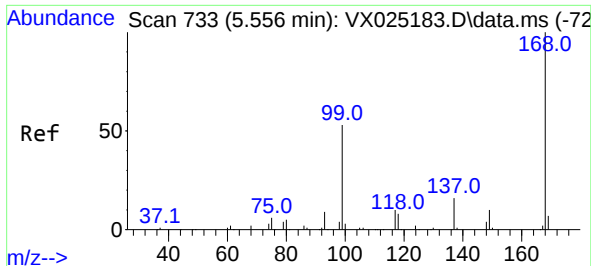
Manual Integrations
APPROVED

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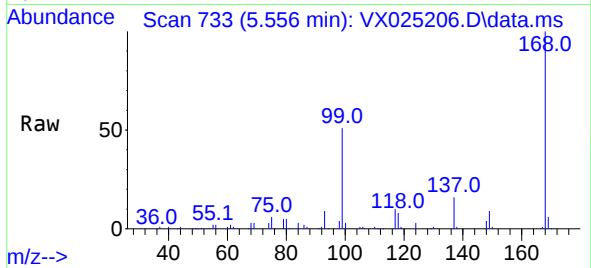
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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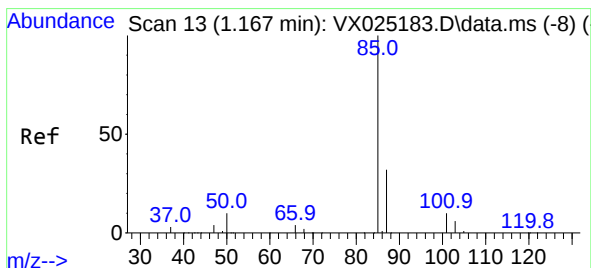
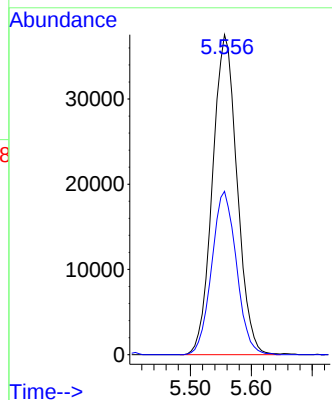
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



Tgt Ion:168 Resp: 10532
Ion Ratio Lower Upper
168 100
99 51.0 46.4 69.6

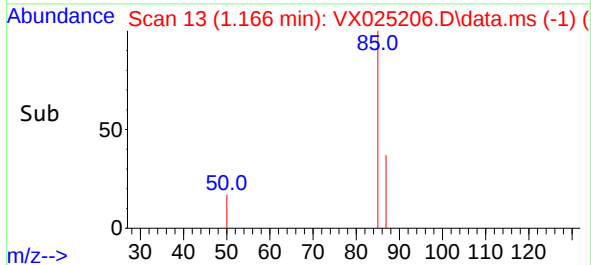
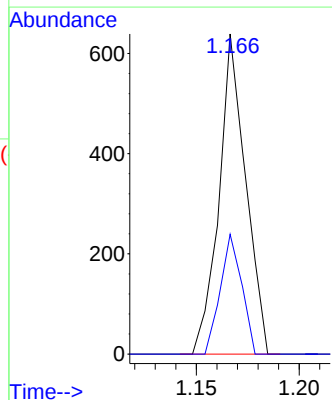
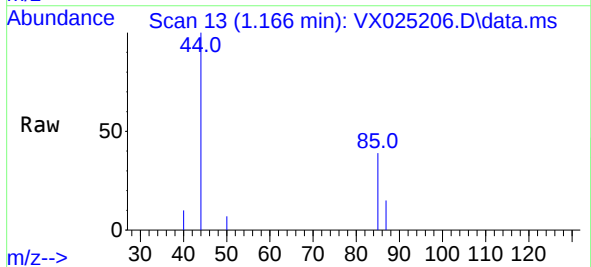
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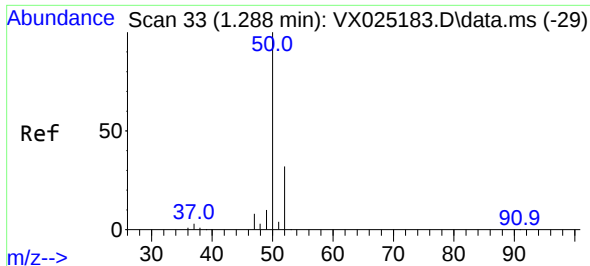
Reviewed By :John Carlone 11/19/2021
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#2
Dichlorodifluoromethane
Concen: 0.630 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

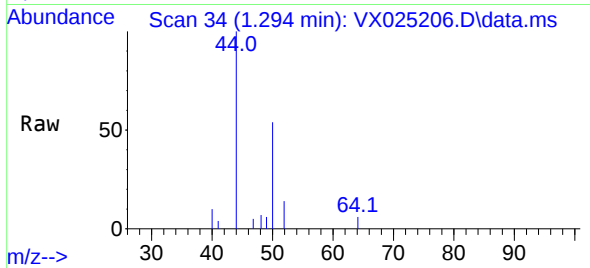
Tgt Ion: 85 Resp: 575
Ion Ratio Lower Upper
85 100
87 37.4 16.0 47.9





#3
Chloromethane
Concen: 0.788 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

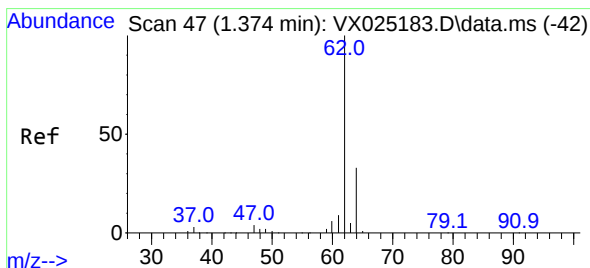
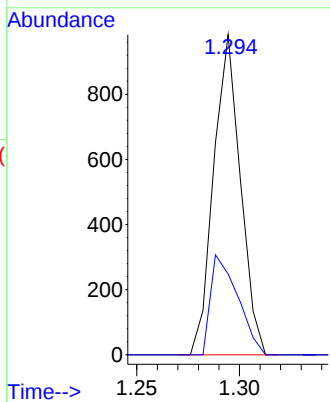
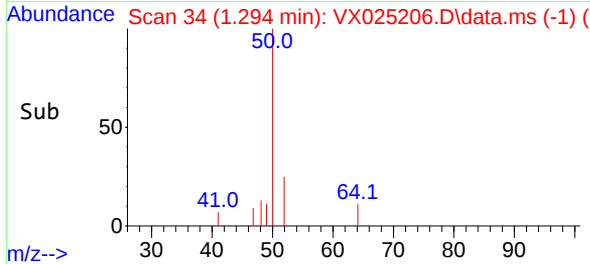
Instrument :
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Tgt Ion: 50 Resp: 89
Ion Ratio Lower Upper
50 100
52 25.2 25.9 38.9

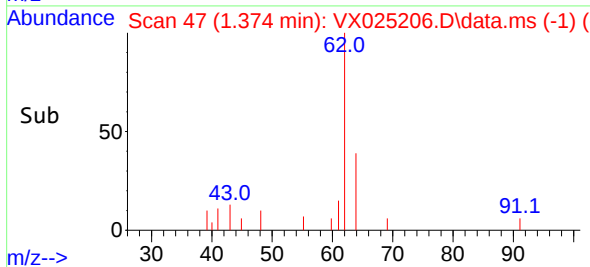
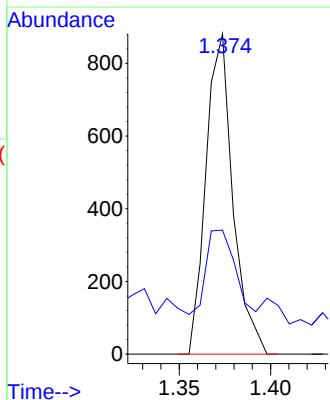
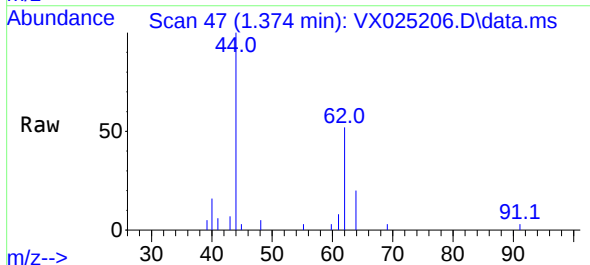
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#4
Vinyl Chloride
Concen: 0.727 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

Tgt Ion: 62 Resp: 902
Ion Ratio Lower Upper
62 100
64 24.4 26.0 39.0





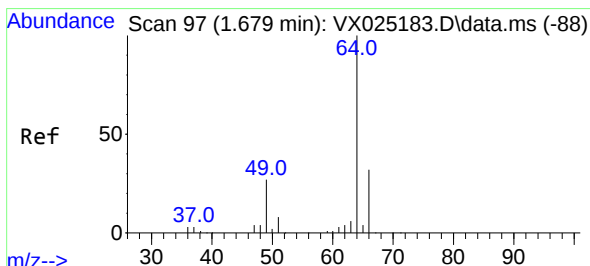
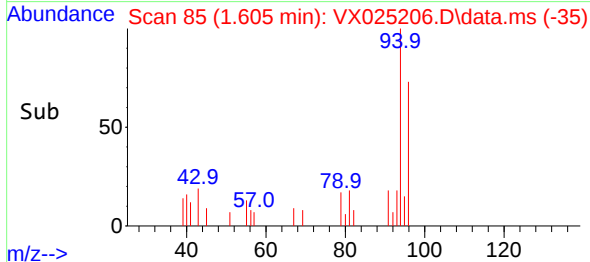
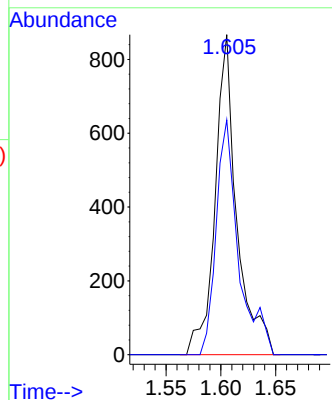
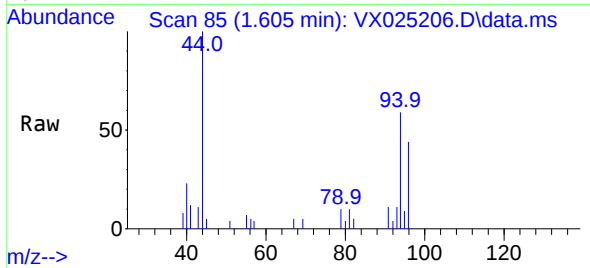
#5
Bromomethane
Concen: 2.238 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

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

Tgt Ion: 94 Resp: 1194
Ion Ratio Lower Upper
94 100
96 73.4 74.8 112.23

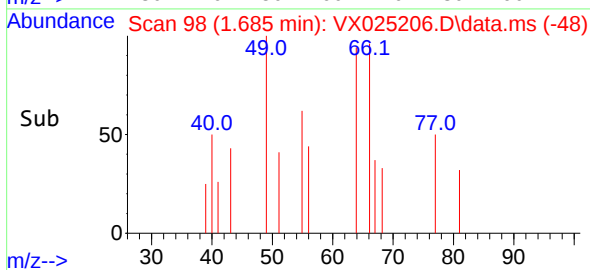
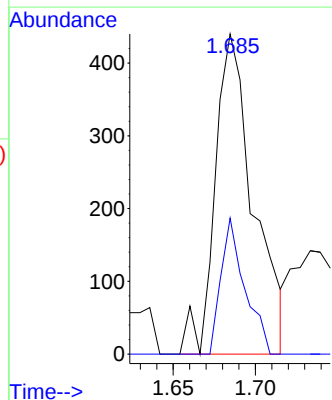
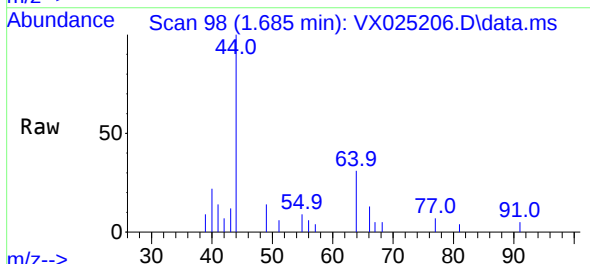
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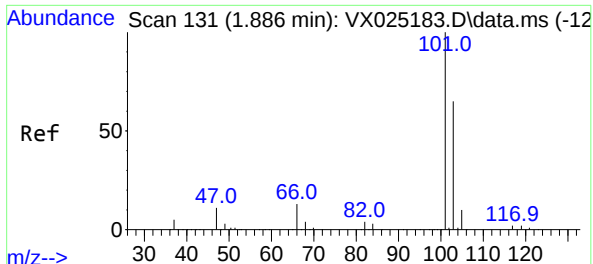
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#6
Chloroethane
Concen: 0.836 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

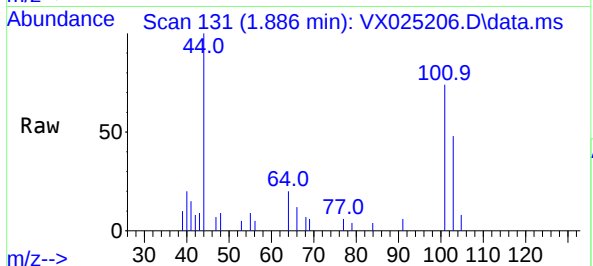
Tgt Ion: 64 Resp: 716
Ion Ratio Lower Upper
64 100
66 42.5 25.6 38.4#





#7
Trichlorofluoromethane
Concen: 0.786 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX025206.D
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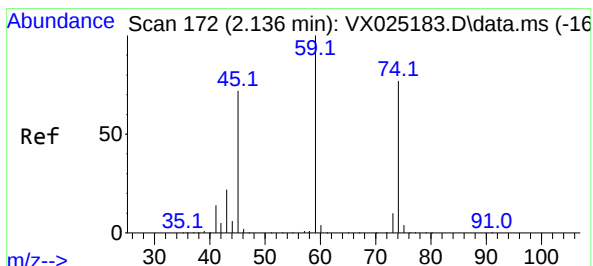
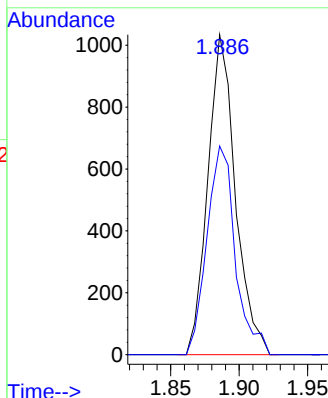
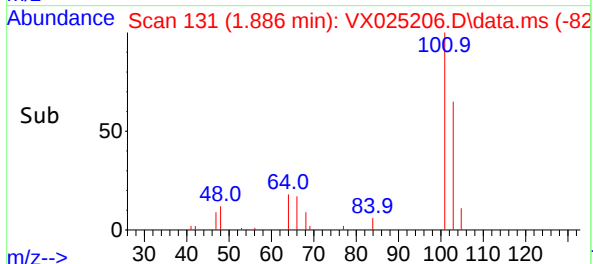
Instrument : MSVOA_X
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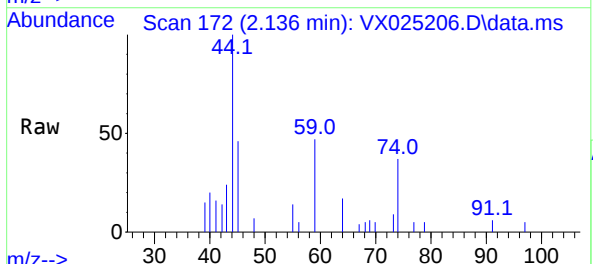
Tgt Ion:101 Resp: 1448
Ion Ratio Lower Upper
101 100
103 65.2 51.0 76.6

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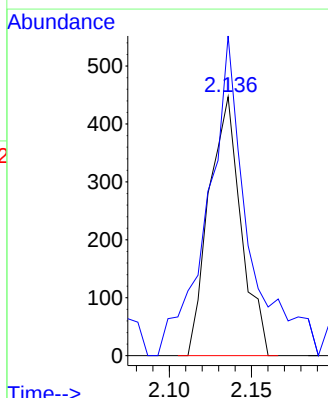
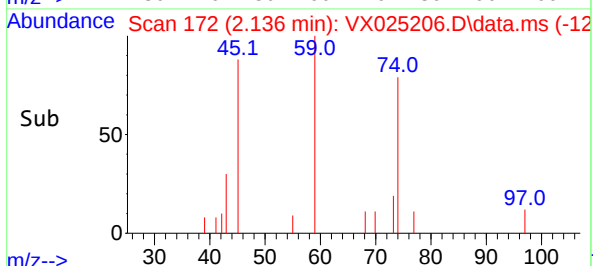
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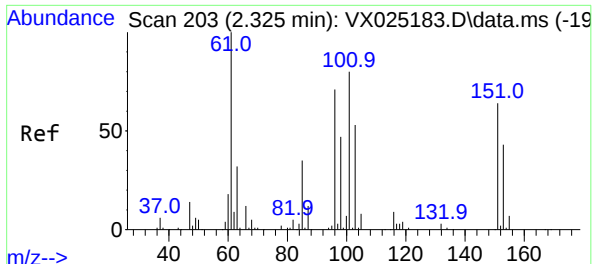


#8
Diethyl Ether
Concen: 0.801 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02



Tgt Ion: 74 Resp: 609
Ion Ratio Lower Upper
74 100
45 155.5 47.6 142.9#





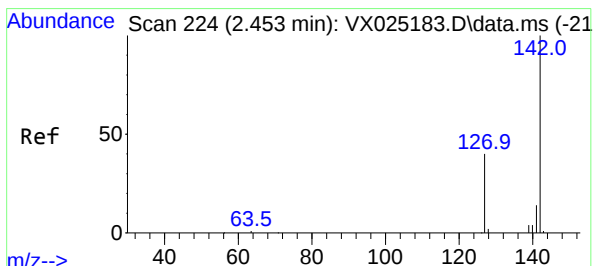
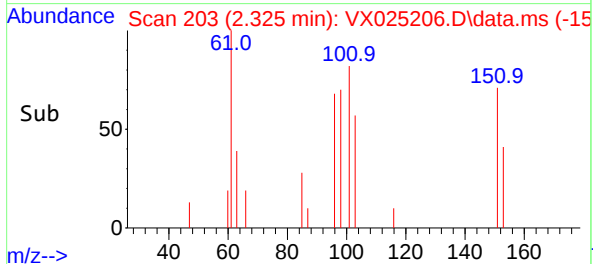
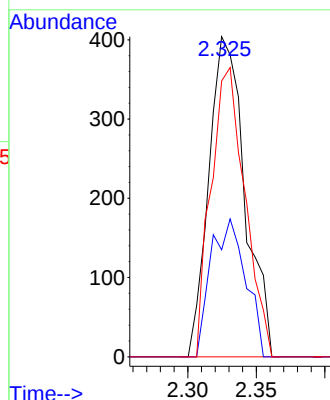
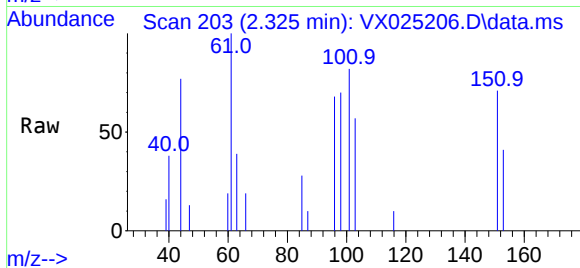
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1,1,2-Trichlorotrifluoroethane
Concen: 0.754 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX025206.D
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Tgt Ion:101 Resp: 739
Ion Ratio Lower Upper
101 100
85 41.5 35.9 53.9
151 85.1 64.4 96.6

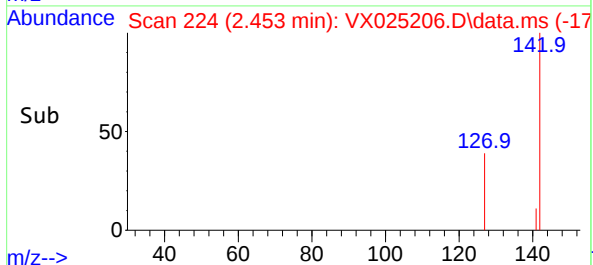
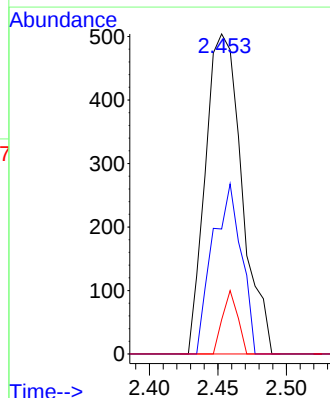
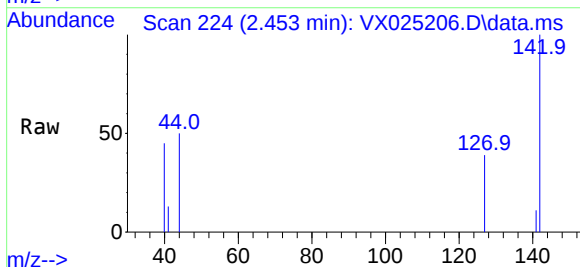
Manual Integrations
APPROVED

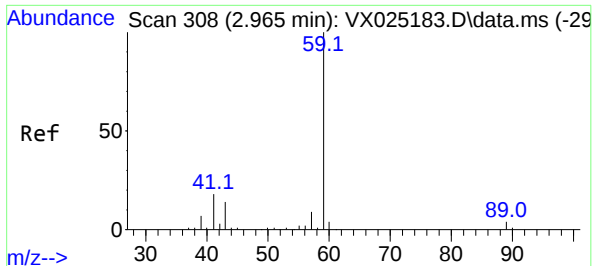
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021



#10
Methyl Iodide
Concen: 0.762 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

Tgt Ion:142 Resp: 934
Ion Ratio Lower Upper
142 100
127 41.8 38.9 58.3
141 8.2 11.7 17.5#





#11

Tert butyl alcohol

Concen: 8.508 ug/l

RT: 2.947 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX025206.D

Acq: 18 Nov 2021 12:02

Instrument :

MSVOA_X

ClientSampleId :

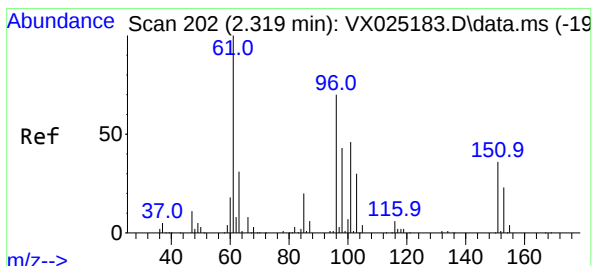
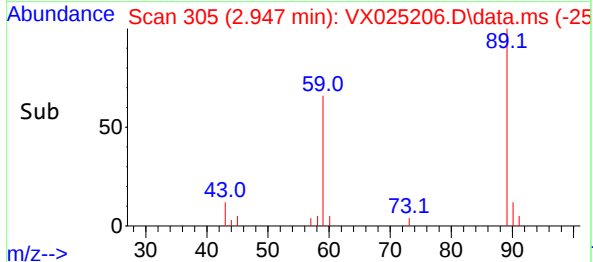
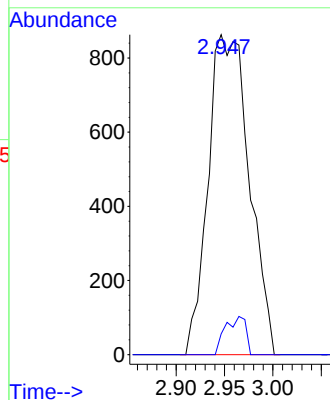
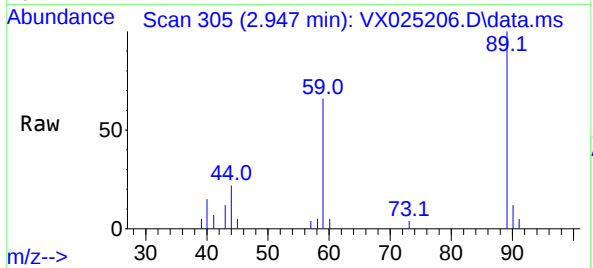
MDL-WATER-03-QT4-2021

Tgt Ion: 59 Resp: 2544
 Ion Ratio Lower Upper
 59 100
 57 6.0 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2021
 Supervised By :Mahesh Dadoda 11/26/2021



#12

1,1-Dichloroethene

Concen: 0.732 ug/l

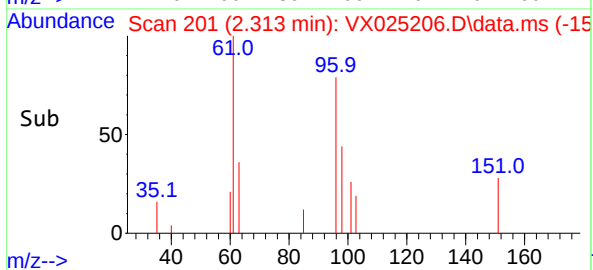
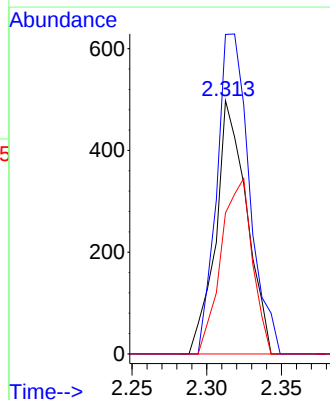
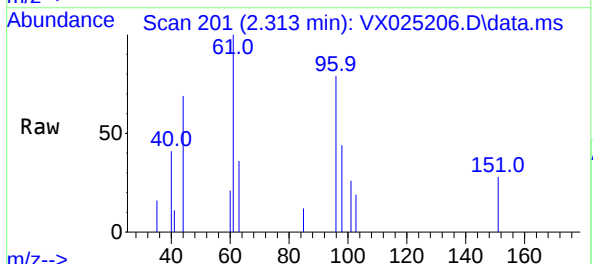
RT: 2.313 min Scan# 201

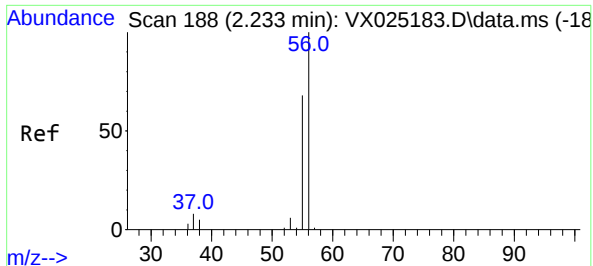
Delta R.T. -0.006 min

Lab File: VX025206.D

Acq: 18 Nov 2021 12:02

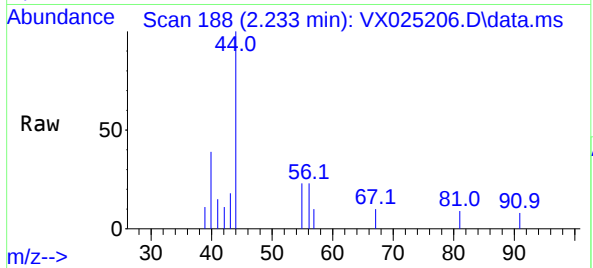
Tgt Ion: 96 Resp: 715
 Ion Ratio Lower Upper
 96 100
 61 126.1 134.1 201.1#
 98 55.6 51.5 77.3





#13
Acrolein
Concen: 6.548 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

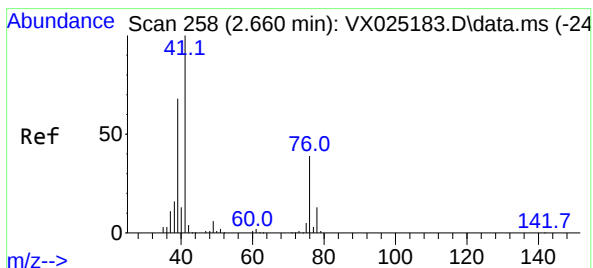
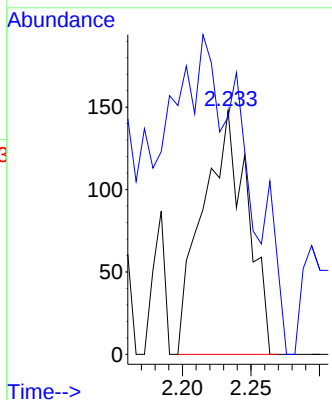
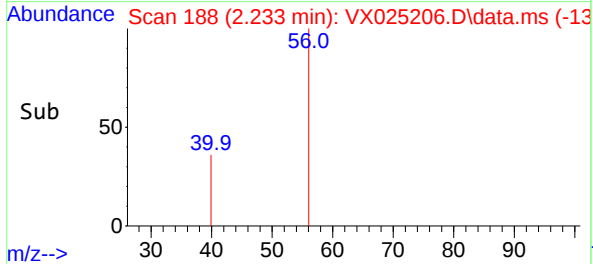
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2021



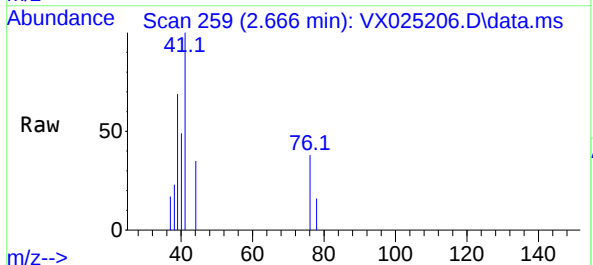
Tgt Ion: 56 Resp: 33
Ion Ratio Lower Upper
56 100
55 205.7 58.6 87.8

Manual Integrations
APPROVED

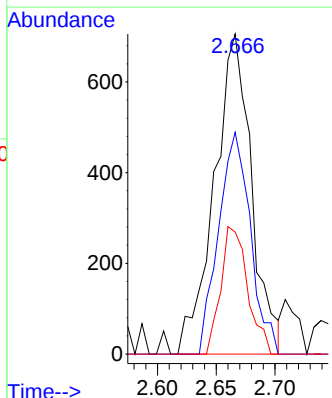
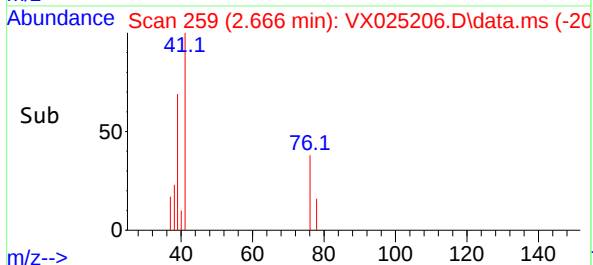
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021

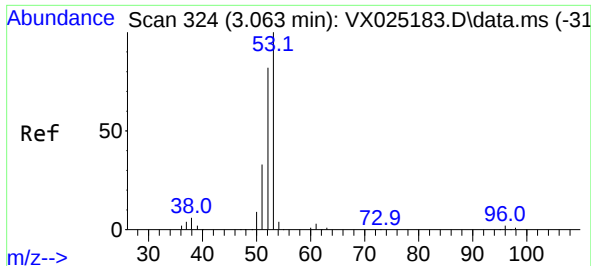


#14
Allyl chloride
Concen: 0.882 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02



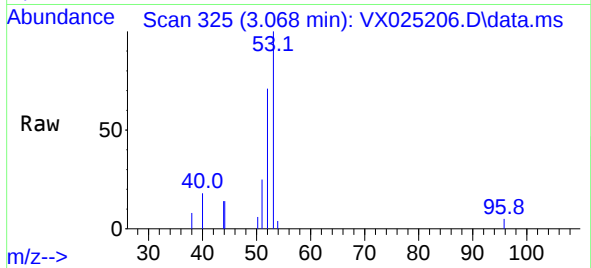
Tgt Ion: 41 Resp: 1558
Ion Ratio Lower Upper
41 100
39 59.2 54.6 82.0
76 28.7 25.3 37.9





#15
Acrylonitrile
Concen: 3.956 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.005 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

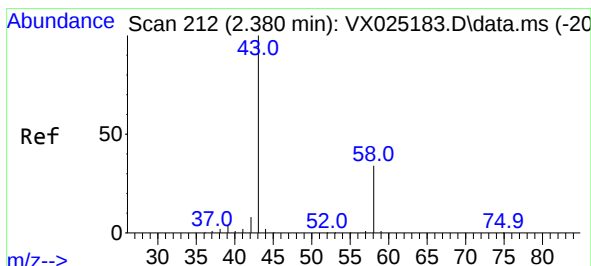
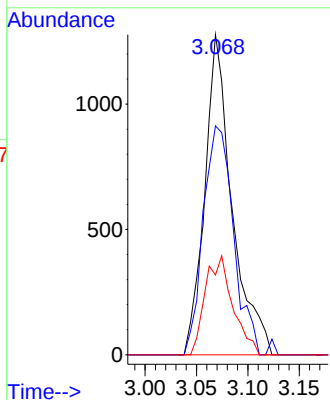
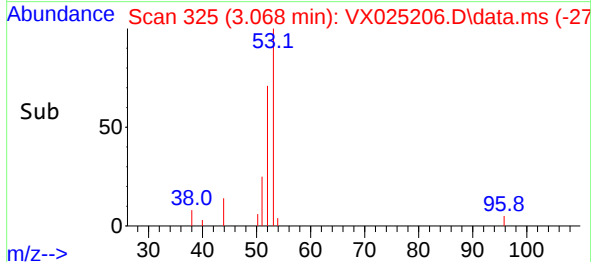
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



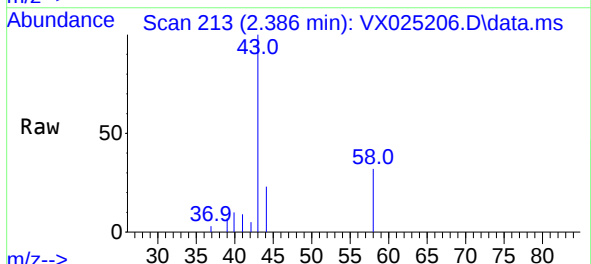
Tgt Ion: 53 Resp: 235
Ion Ratio Lower Upper
53 100
52 79.3 66.2 99.4
51 31.1 29.8 44.8

Manual Integrations
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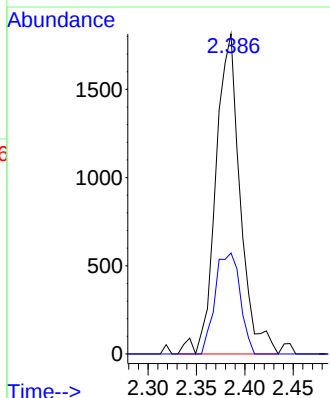
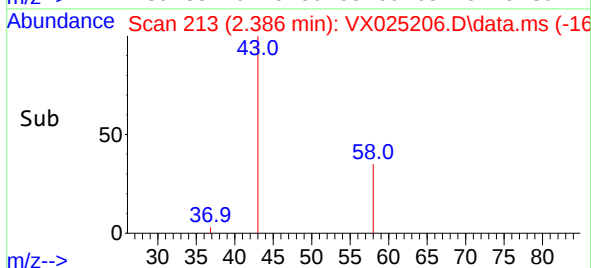
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021

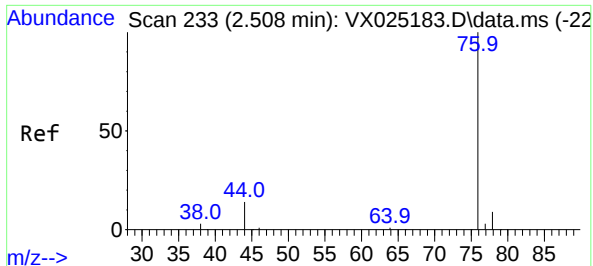


#16
Acetone
Concen: 5.170 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02



Tgt Ion: 43 Resp: 3189
Ion Ratio Lower Upper
43 100
58 31.6 24.0 36.0





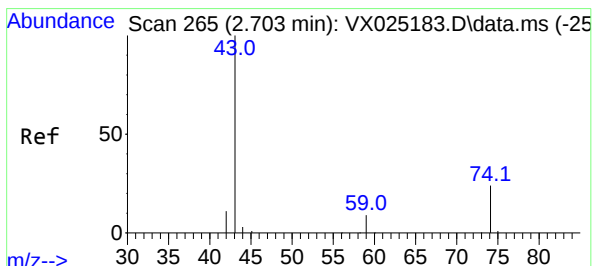
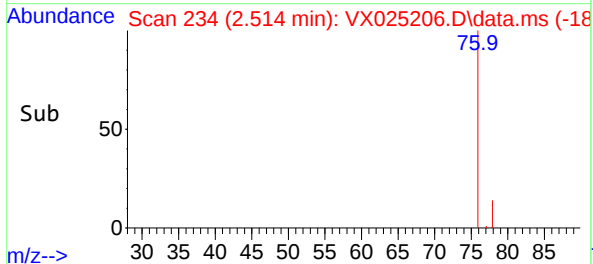
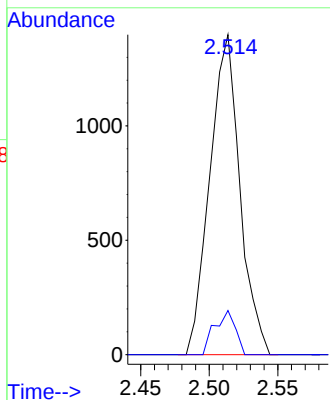
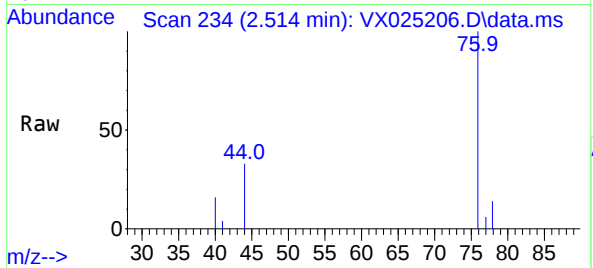
#17
Carbon Disulfide
Concen: 0.778 ug/l
RT: 2.514 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

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

Tgt Ion: 76 Resp: 2130
Ion Ratio Lower Upper
76 100
78 13.8 6.9 10.3

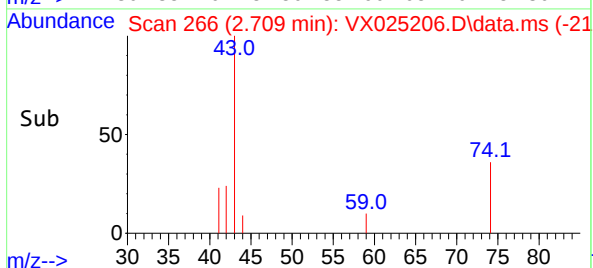
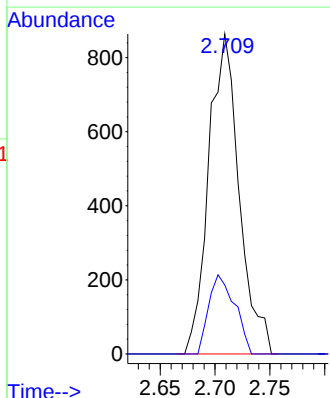
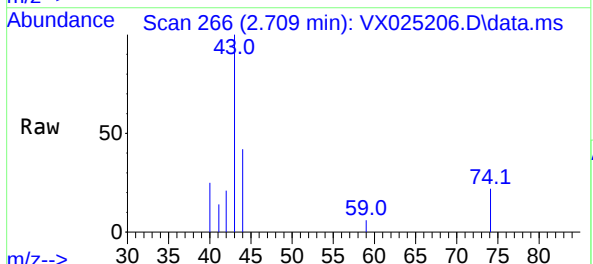
Manual Integrations
APPROVED

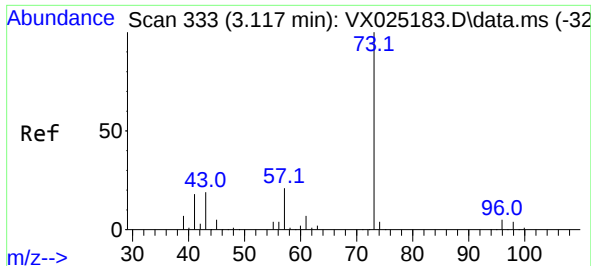
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021



#18
Methyl Acetate
Concen: 0.846 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

Tgt Ion: 43 Resp: 1668
Ion Ratio Lower Upper
43 100
74 21.2 19.0 28.6





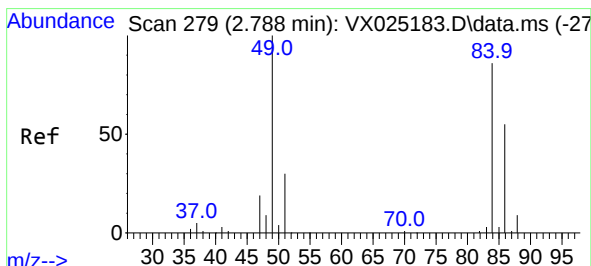
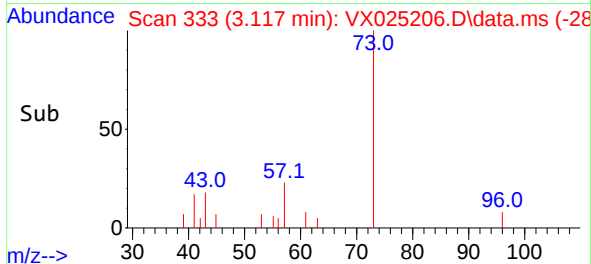
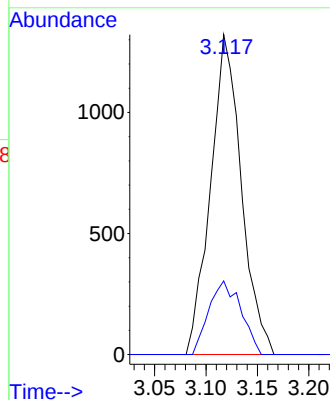
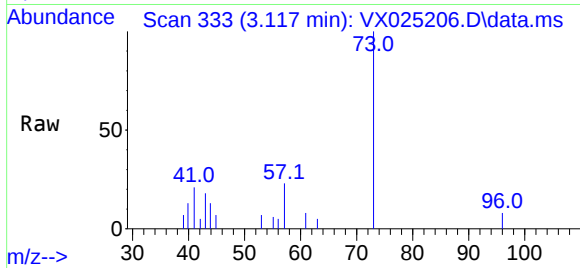
#19
Methyl tert-butyl Ether
Concen: 0.810 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

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

Tgt Ion: 73 Resp: 2754
Ion Ratio Lower Upper
73 100
57 23.0 17.5 26.3

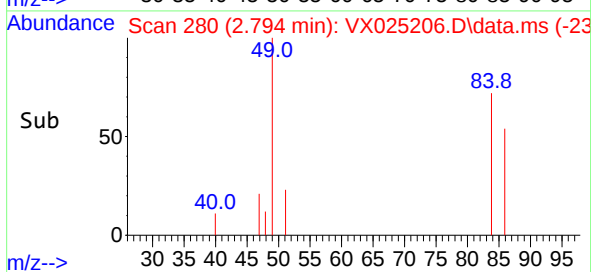
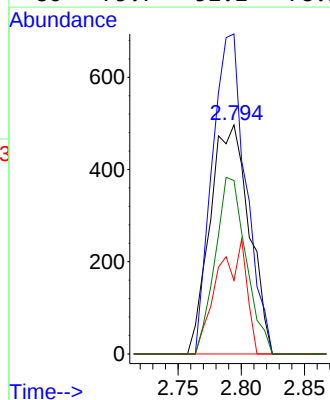
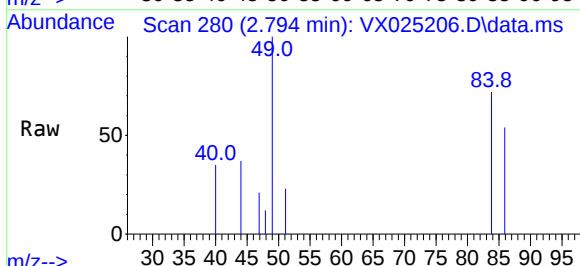
Manual Integrations
APPROVED

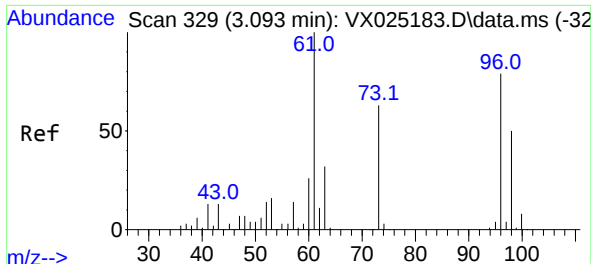
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021



#20
Methylene Chloride
Concen: 0.922 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

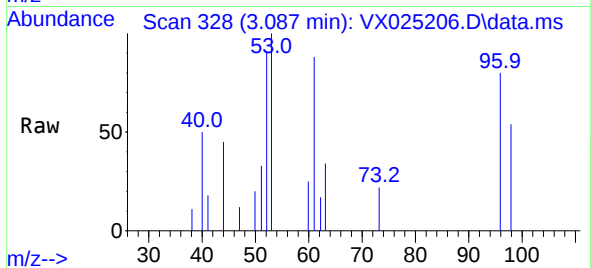
Tgt Ion: 84 Resp: 1069
Ion Ratio Lower Upper
84 100
49 139.6 98.2 147.2
51 32.0 30.2 45.4
86 75.7 52.2 78.2





#21
trans-1,2-Dichloroethene
Concen: 0.822 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

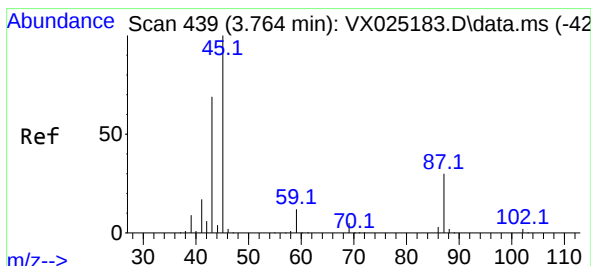
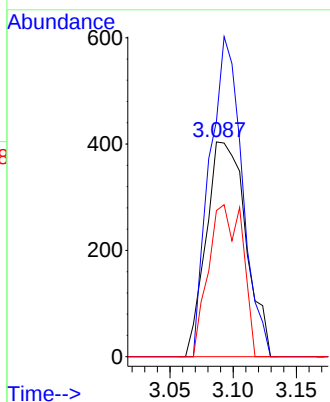
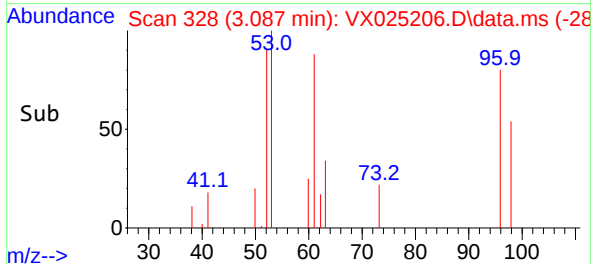
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



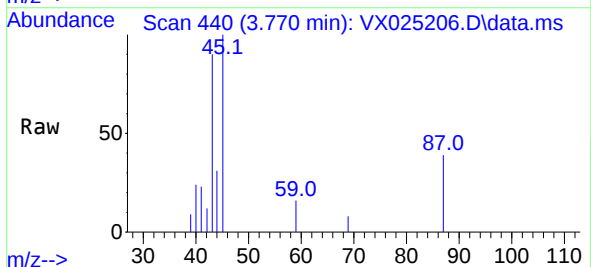
Tgt Ion: 96 Resp: 879
Ion Ratio Lower Upper
96 100
61 109.7 117.9 176.9#
98 68.1 51.1 76.7

Manual Integrations
APPROVED

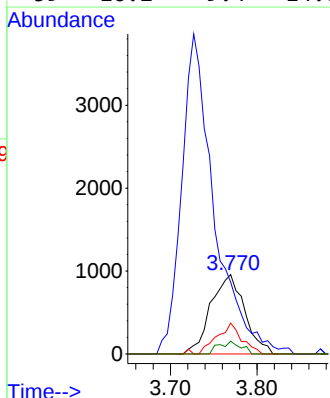
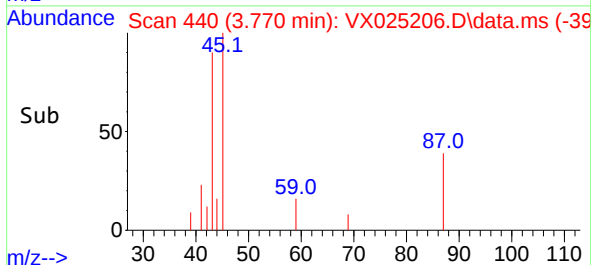
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021



#22
Diisopropyl ether
Concen: 0.769 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02



Tgt Ion: 45 Resp: 2588
Ion Ratio Lower Upper
45 100
43 84.3 58.3 87.5
87 38.8 23.7 35.5#
59 16.2 9.4 14.0#





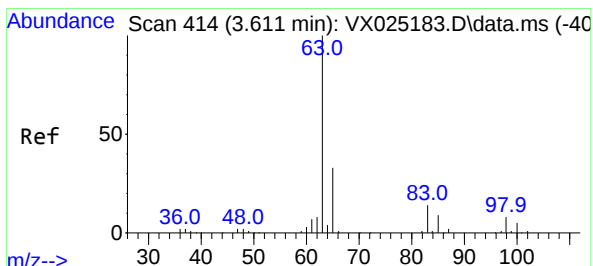
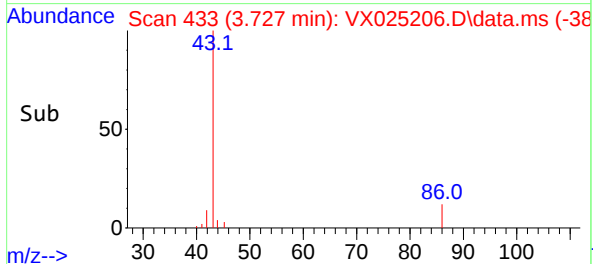
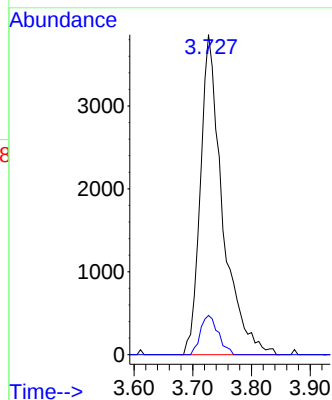
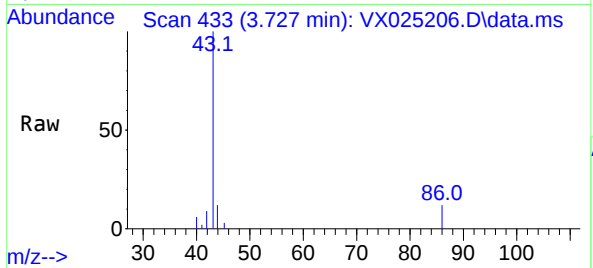
#23
 Vinyl Acetate
 Concen: 3.744 ug/l
 RT: 3.727 min Scan# 411
 Delta R.T. 0.006 min
 Lab File: VX025206.D
 Acq: 18 Nov 2021 12:02

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

Tgt Ion: 43 Resp: 1011
 Ion Ratio Lower Upper
 43 100
 86 12.3 8.2 12.4

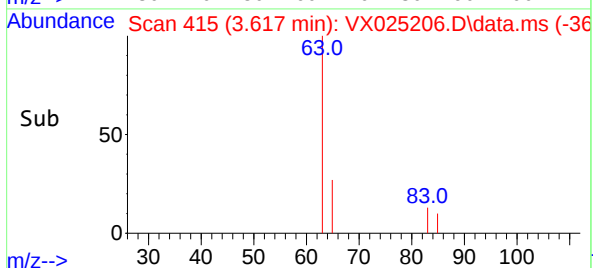
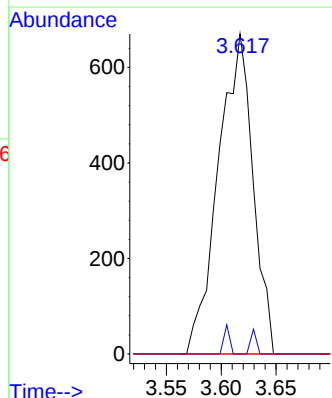
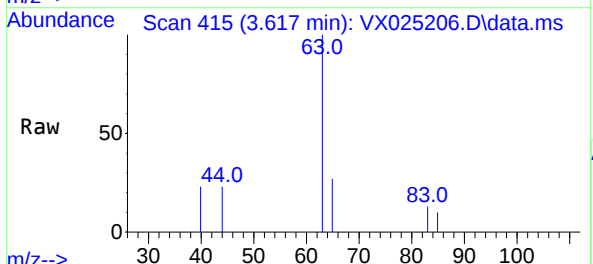
Manual Integrations
 APPROVED

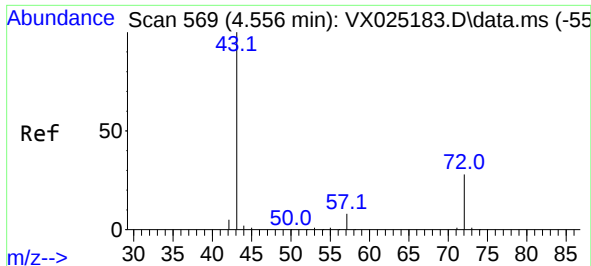
Reviewed By :John Carlone 11/19/2021
 Supervised By :Mahesh Dadoda 11/26/2021



#24
 1,1-Dichloroethane
 Concen: 0.801 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. 0.006 min
 Lab File: VX025206.D
 Acq: 18 Nov 2021 12:02

Tgt Ion: 63 Resp: 1472
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.9#
 100 0.0 2.1 6.2#





#25

2-Butanone

Concen: 4.365 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX025206.D

Acq: 18 Nov 2021 12:02

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2021

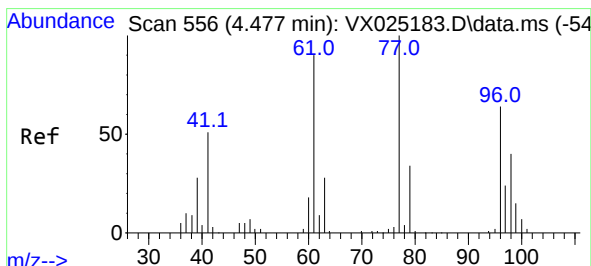
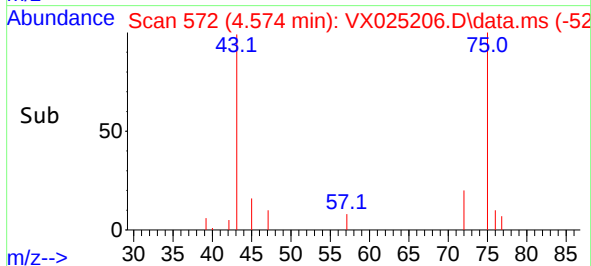
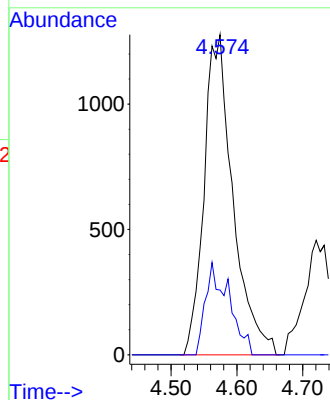
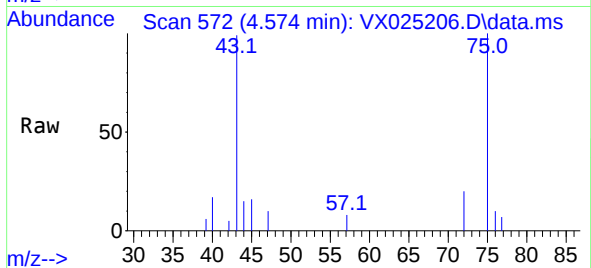
Tgt Ion: 43 Resp: 389
 Ion Ratio Lower Upper
 43 100
 72 20.2 21.2 31.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2021

Supervised By :Mahesh Dadoda 11/26/2021



#26

2,2-Dichloropropane

Concen: 0.768 ug/l

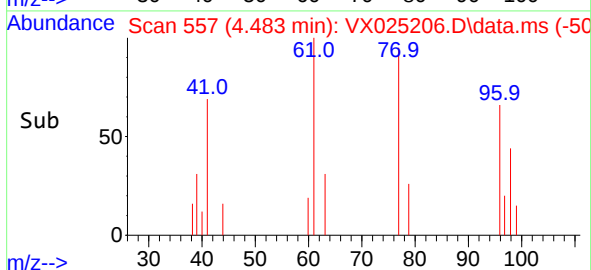
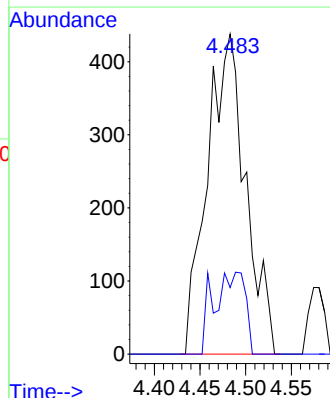
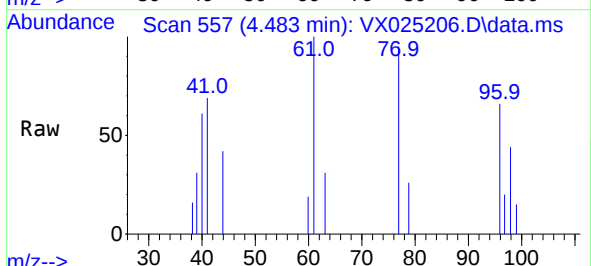
RT: 4.483 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX025206.D

Acq: 18 Nov 2021 12:02

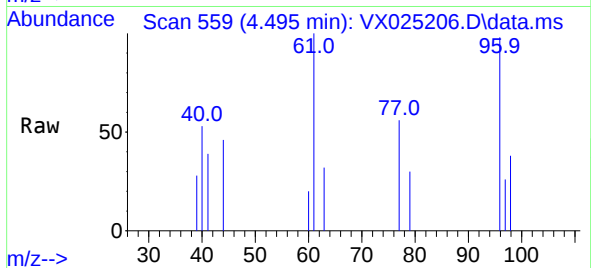
Tgt Ion: 77 Resp: 1280
 Ion Ratio Lower Upper
 77 100
 97 20.8 11.2 33.5





#27
cis-1,2-Dichloroethene
Concen: 0.751 ug/l
RT: 4.495 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

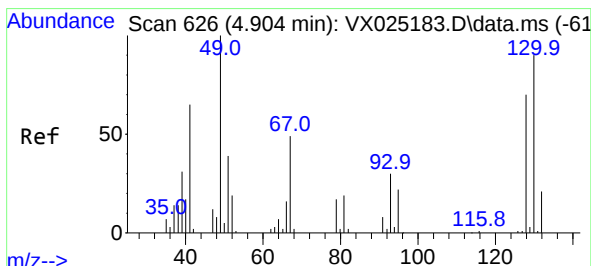
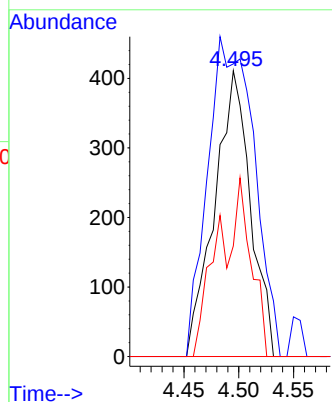
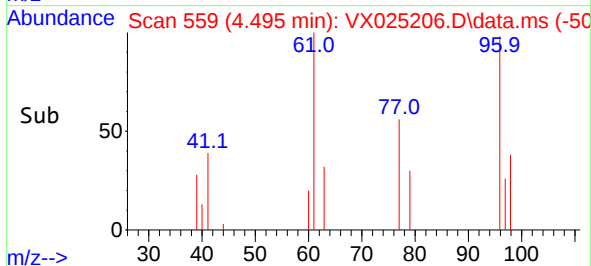
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



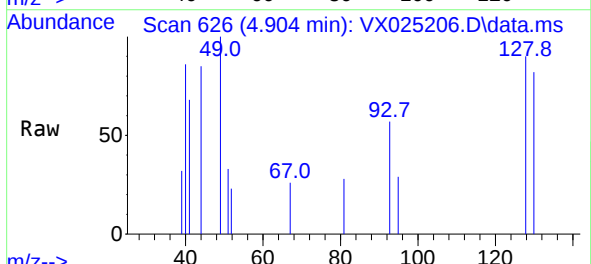
Tgt Ion: 96 Resp: 938
Ion Ratio Lower Upper
96 100
61 0.0 0.0 302.2
98 31.3 0.0 131.4

Manual Integrations
APPROVED

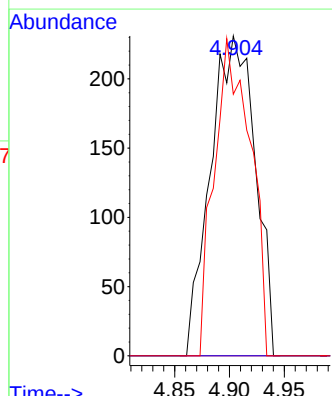
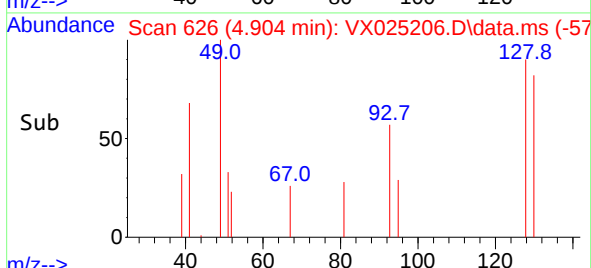
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021

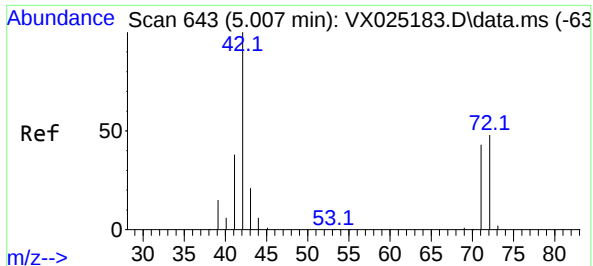


#28
Bromochloromethane
Concen: 0.766 ug/l
RT: 4.904 min Scan# 626
Delta R.T. -0.000 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02



Tgt Ion: 49 Resp: 657
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.4
130 80.1 65.2 97.8





#29

Tetrahydrofuran

Concen: 4.093 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX025206.D

Acq: 18 Nov 2021 12:02

Instrument :

MSVOA_X

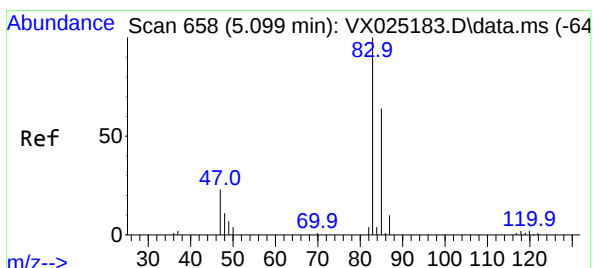
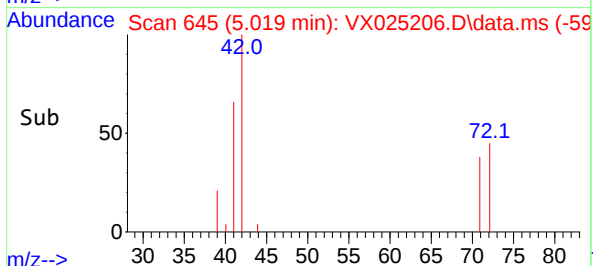
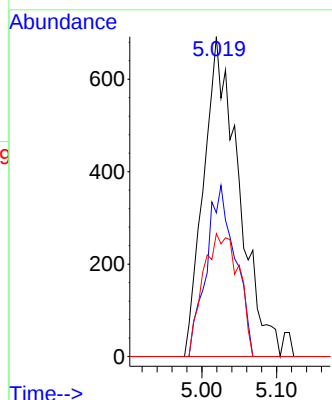
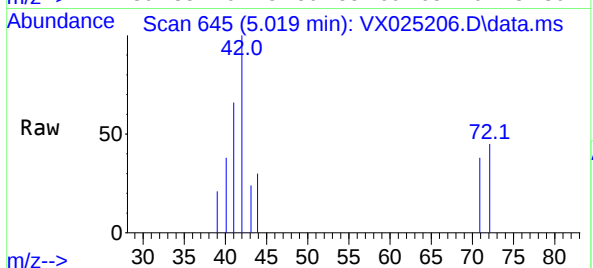
ClientSampleId :

MDL-WATER-03-QT4-2021

Tgt Ion: 42	Resp: 2260
Ion Ratio	Lower Upper
42 100	
72 43.9	36.1 54.1
71 39.0	33.7 50.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021



#30

Chloroform

Concen: 0.824 ug/l

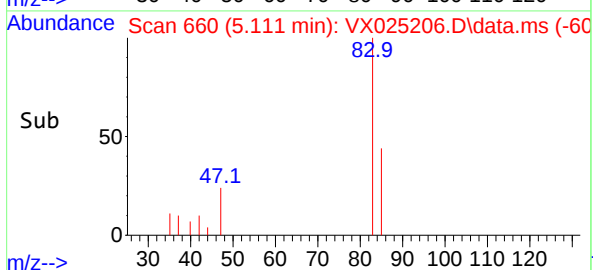
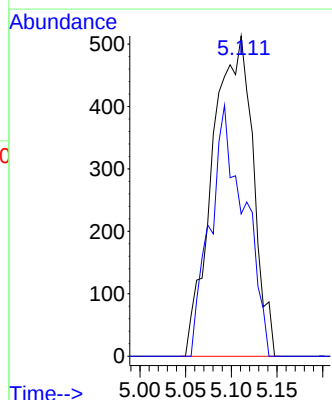
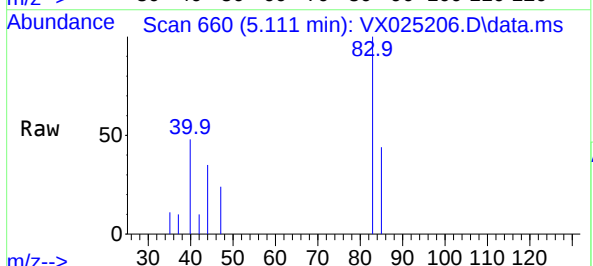
RT: 5.111 min Scan# 660

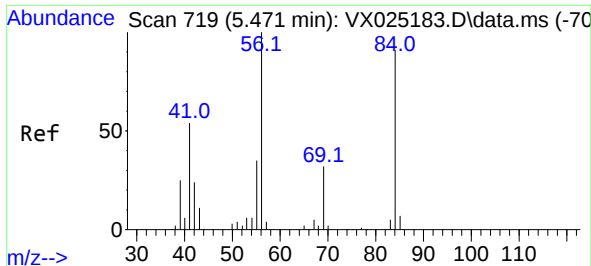
Delta R.T. 0.012 min

Lab File: VX025206.D

Acq: 18 Nov 2021 12:02

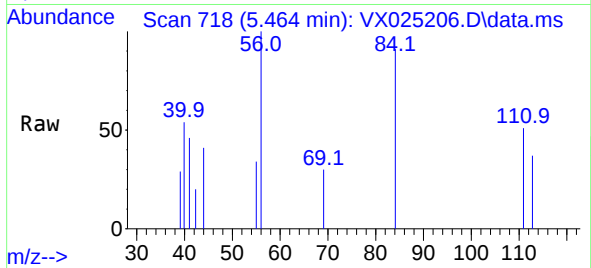
Tgt Ion: 83	Resp: 1577
Ion Ratio	Lower Upper
83 100	
85 44.4	50.2 75.2





#31
Cyclohexane
Concen: 0.831 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.007 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

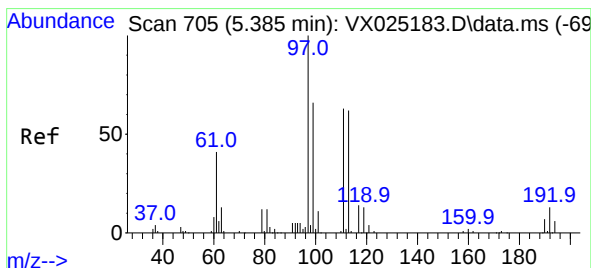
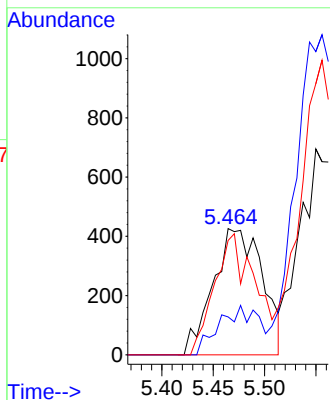
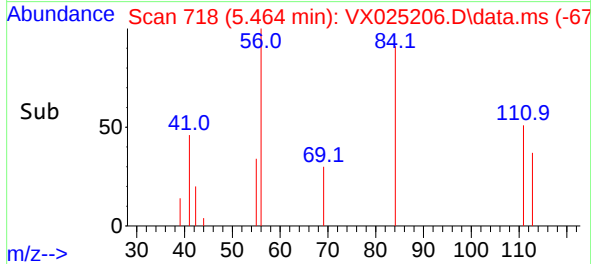
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



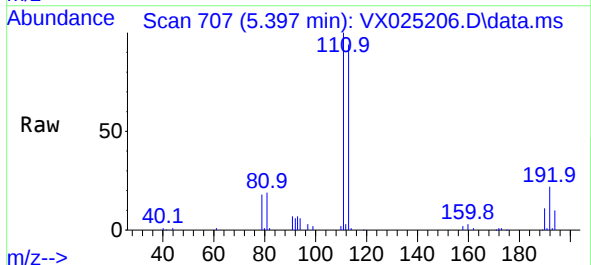
Tgt Ion: 56 Resp: 1420
Ion Ratio Lower Upper
56 100
69 30.0 24.2 36.2
84 90.6 71.5 107.3

Manual Integrations
APPROVED

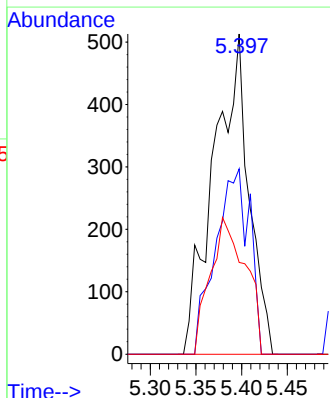
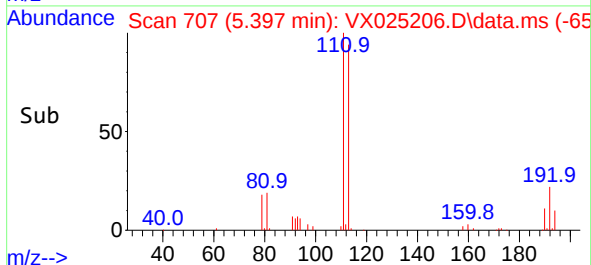
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021

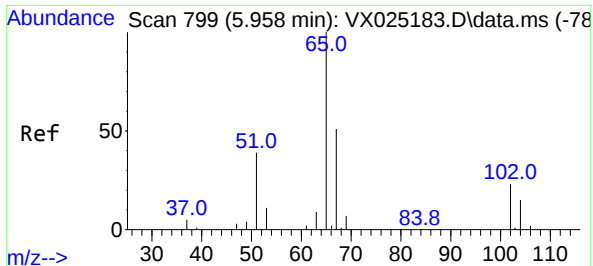


#32
1,1,1-Trichloroethane
Concen: 0.784 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.012 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02



Tgt Ion: 97 Resp: 1373
Ion Ratio Lower Upper
97 100
99 0.0 50.9 76.3#
61 42.6 35.0 52.4





#33

1,2-Dichloroethane-d4

Concen: 56.060 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025206.D

Acq: 18 Nov 2021 12:02

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2021

Tgt Ion: 65 Resp: 62230

Ion Ratio Lower Upper

65 100

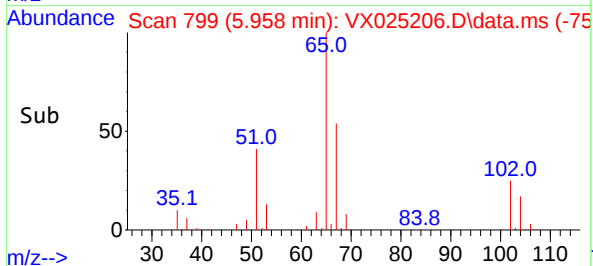
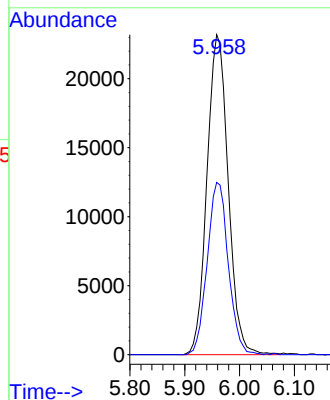
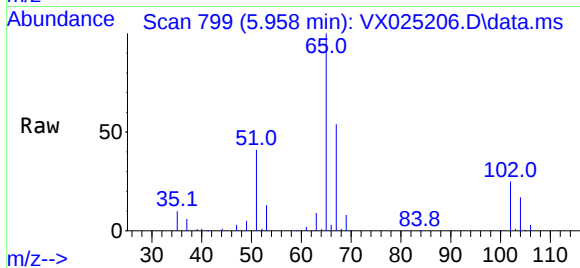
67 53.5 0.0 101.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2021

Supervised By :Mahesh Dadoda 11/26/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX025206.D

Acq: 18 Nov 2021 12:02

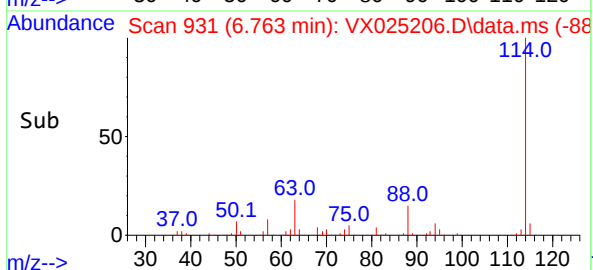
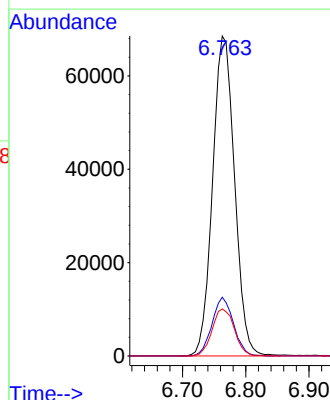
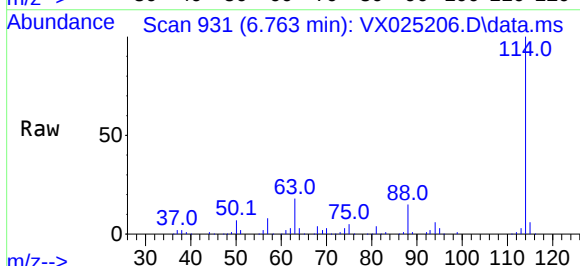
Tgt Ion:114 Resp: 165108

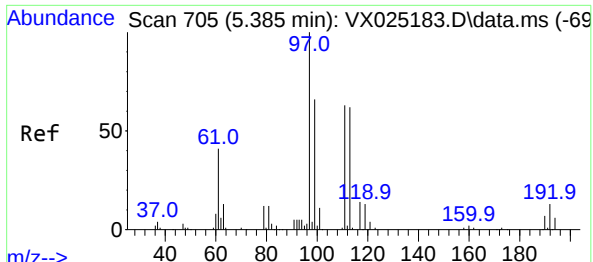
Ion Ratio Lower Upper

114 100

63 18.3 0.0 41.0

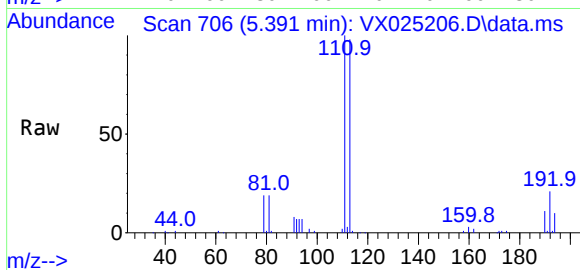
88 14.7 0.0 34.8





#35
Dibromofluoromethane
Concen: 55.285 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

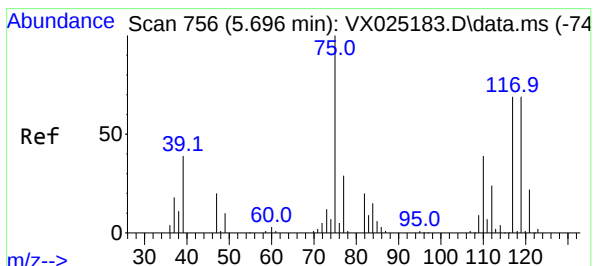
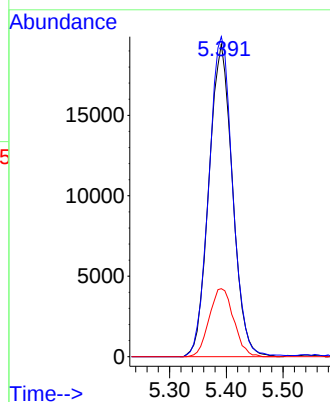
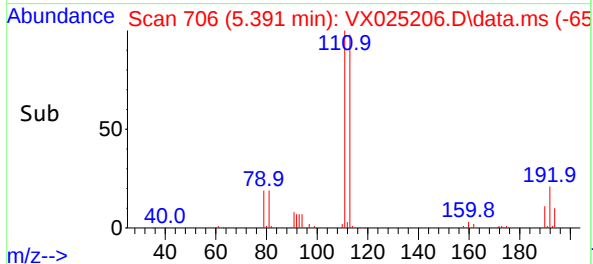
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



Tgt Ion: 113 Resp: 5600
Ion Ratio Lower Upper
113 100
111 103.2 82.1 123.1
192 22.6 15.6 23.4

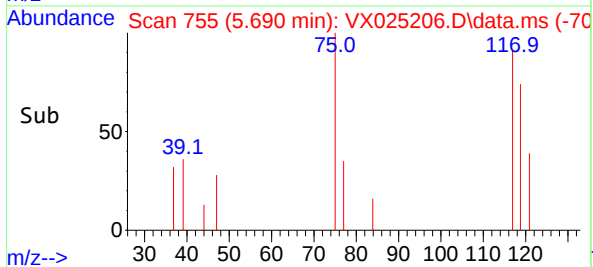
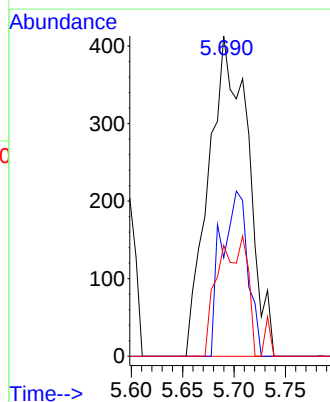
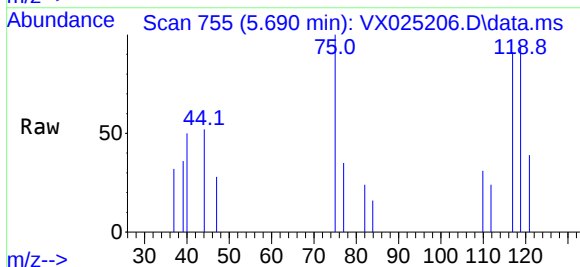
Manual Integrations
APPROVED

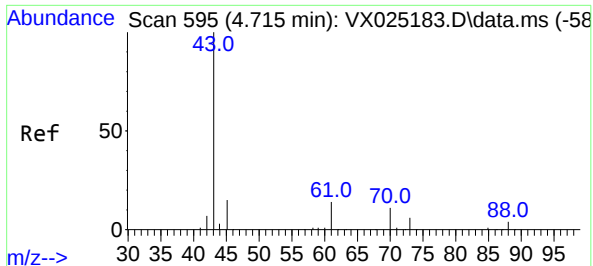
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021



#36
1,1-Dichloropropene
Concen: 0.764 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

Tgt Ion: 75 Resp: 1100
Ion Ratio Lower Upper
75 100
110 34.5 18.1 54.3
77 27.8 24.4 36.6





#37

Ethyl Acetate

Concen: 0.987 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX025206.D

Acq: 18 Nov 2021 12:02

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2021

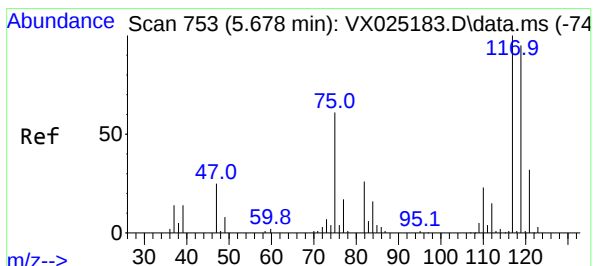
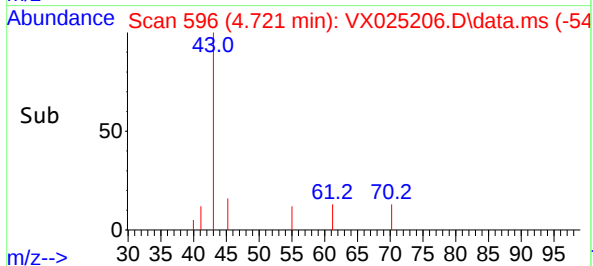
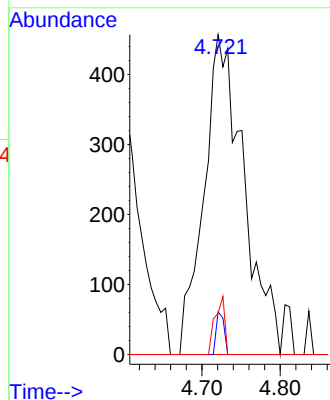
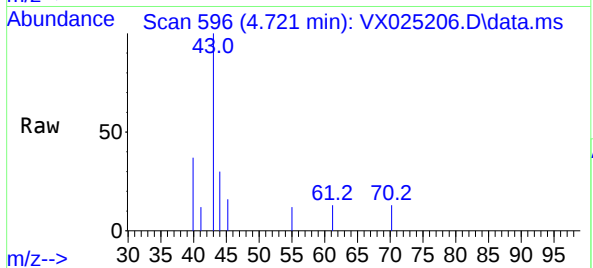
Tgt Ion: 43	Resp: 161
Ion Ratio	Lower Upper
43 100	
61 2.5	11.4 17.0
70 4.4	8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2021

Supervised By :Mahesh Dadoda 11/26/2021



#38

Carbon Tetrachloride

Concen: 0.732 ug/l

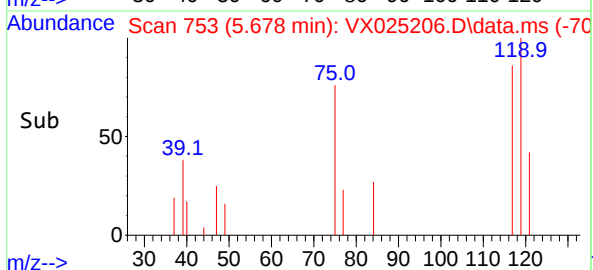
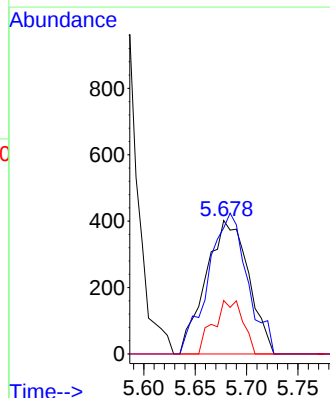
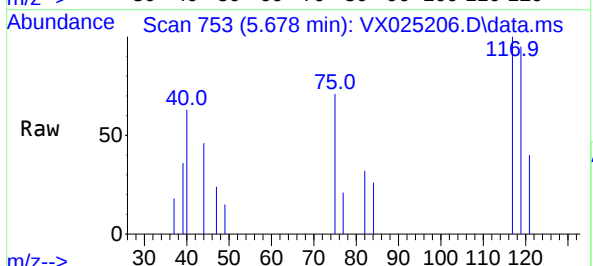
RT: 5.678 min Scan# 753

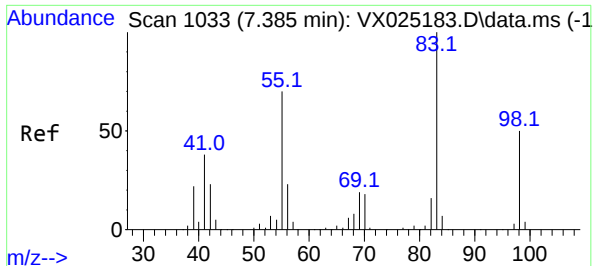
Delta R.T. -0.000 min

Lab File: VX025206.D

Acq: 18 Nov 2021 12:02

Tgt Ion: 117	Resp: 1161
Ion Ratio	Lower Upper
117 100	
119 94.5	75.6 113.4
121 40.0	23.7 35.5





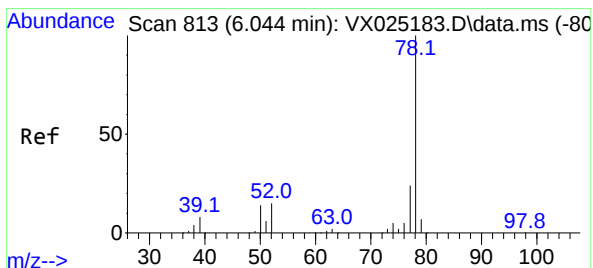
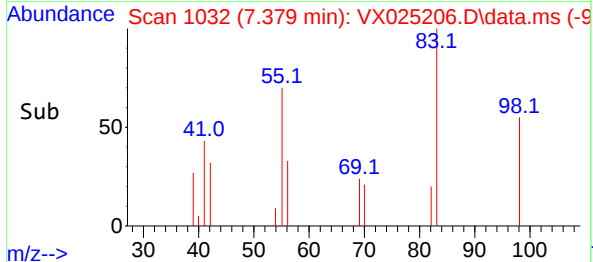
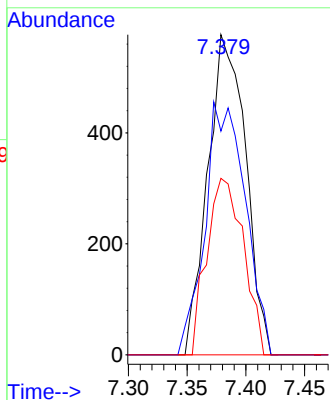
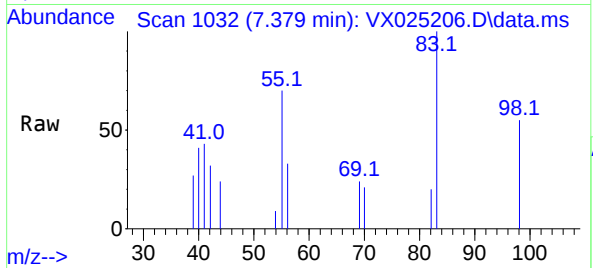
#39
Methylcyclohexane
Concen: 0.699 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

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

Tgt Ion: 83 Resp: 129
Ion Ratio Lower Upper
83 100
55 69.8 60.8 91.2
98 55.1 37.0 55.4

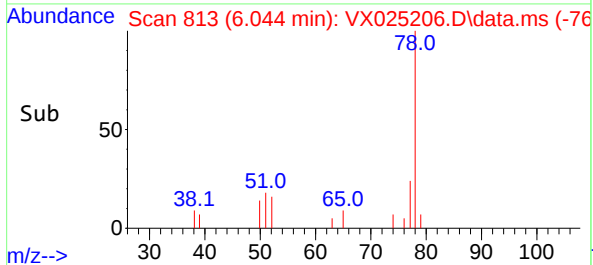
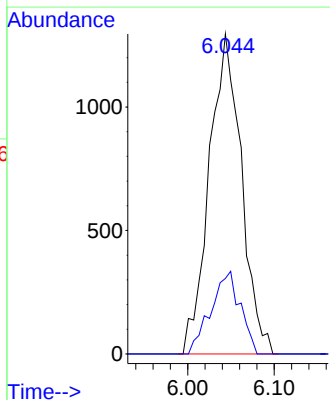
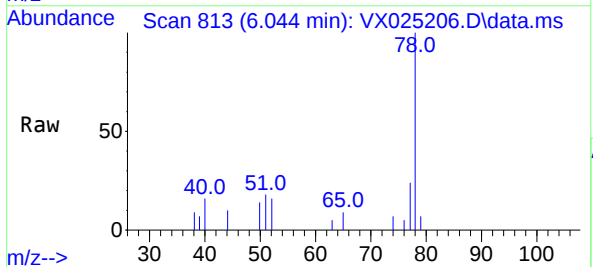
Manual Integrations
APPROVED

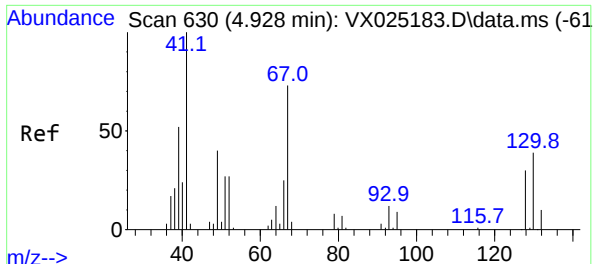
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021



#40
Benzene
Concen: 0.767 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

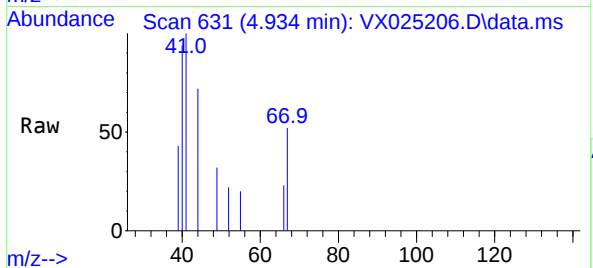
Tgt Ion: 78 Resp: 3346
Ion Ratio Lower Upper
78 100
77 23.6 18.3 27.5





#41
Methacrylonitrile
Concen: 0.956 ug/l
RT: 4.934 min Scan# 630
Delta R.T. 0.006 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

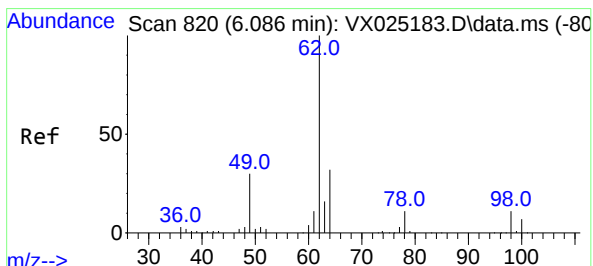
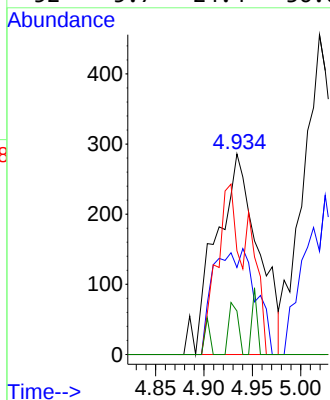
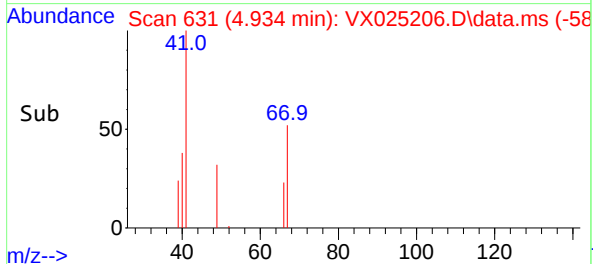
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



Tgt Ion: 41 Resp: 870
Ion Ratio Lower Upper
41 100
39 52.4 44.6 67.0
67 44.5 56.7 85.1
52 5.7 24.4 36.6

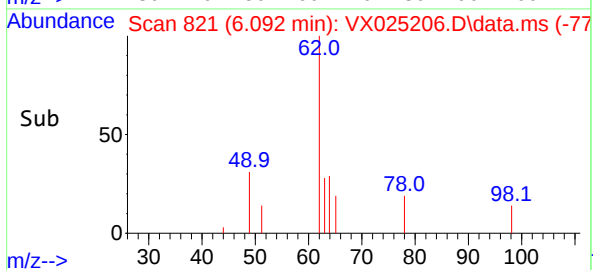
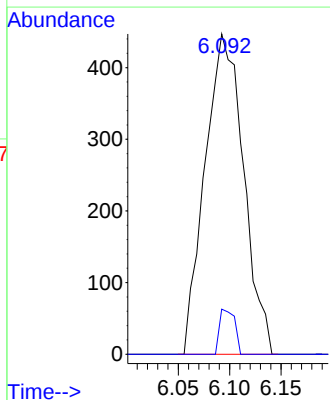
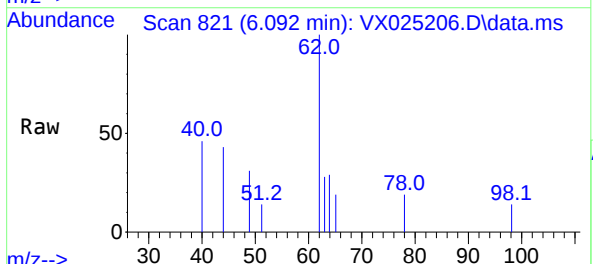
Manual Integrations
APPROVED

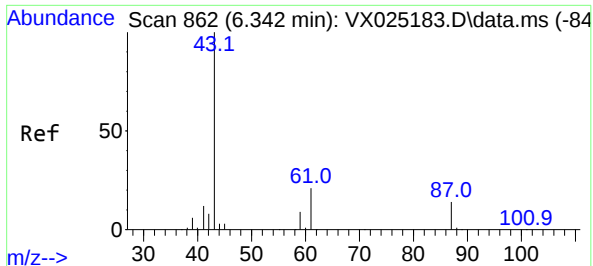
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021



#42
1,2-Dichloroethane
Concen: 0.821 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

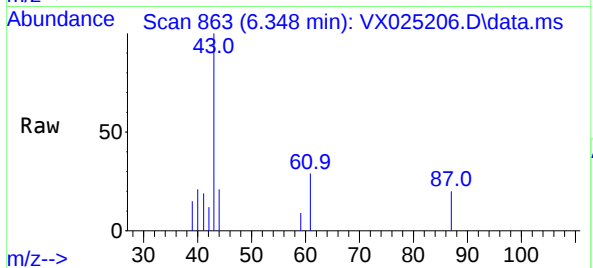
Tgt Ion: 62 Resp: 1166
Ion Ratio Lower Upper
62 100
98 5.5 0.0 16.0





#43
Isopropyl Acetate
Concen: 0.836 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

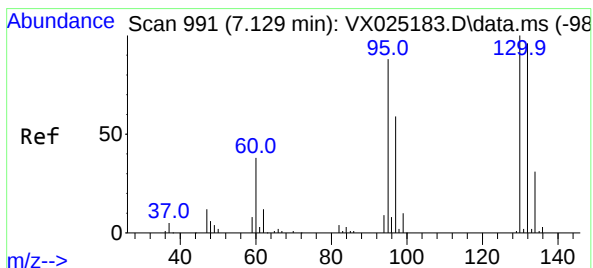
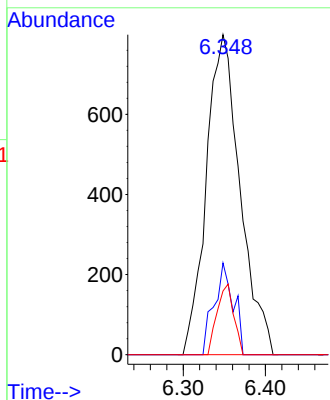
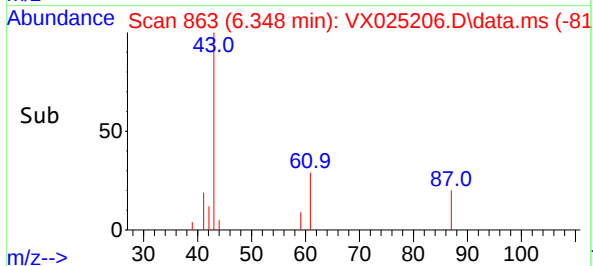
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2021



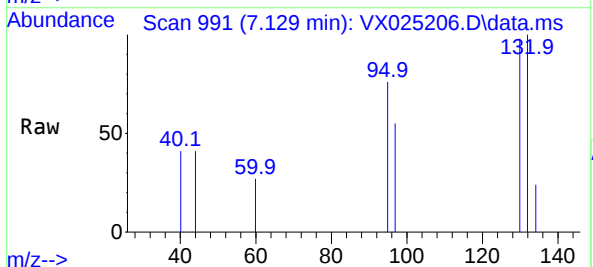
Tgt Ion: 43 Resp: 2279
Ion Ratio Lower Upper
43 100
61 16.4 15.3 22.9
87 10.8 10.9 16.3

Manual Integrations
APPROVED

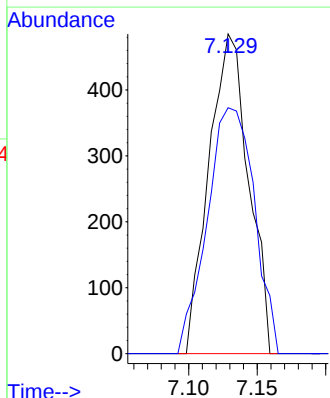
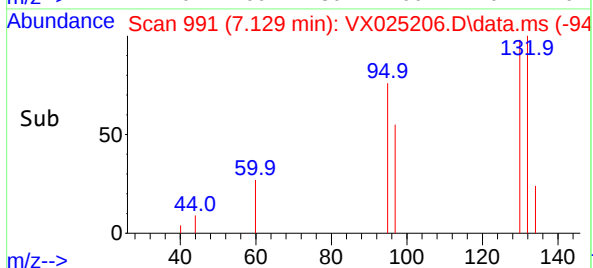
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021

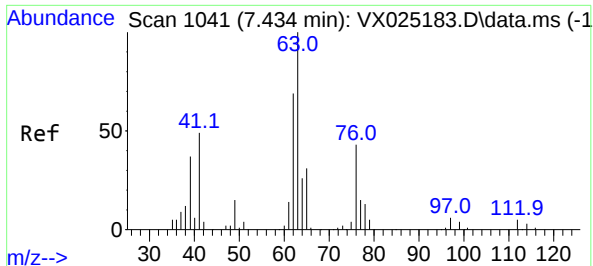


#44
Trichloroethene
Concen: 0.771 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02



Tgt Ion:130 Resp: 977
Ion Ratio Lower Upper
130 100
95 76.9 0.0 196.8





#45

1,2-Dichloropropane

Concen: 0.808 ug/l

RT: 7.440 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX025206.D

Acq: 18 Nov 2021 12:02

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2021

Tgt Ion: 63 Resp: 860

Ion Ratio Lower Upper

63 100

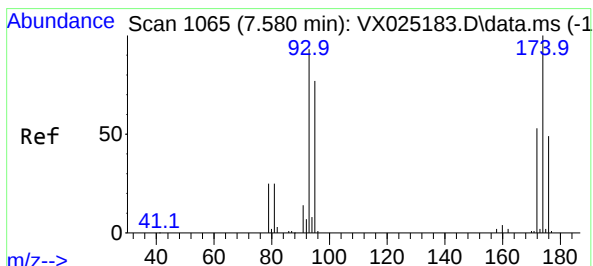
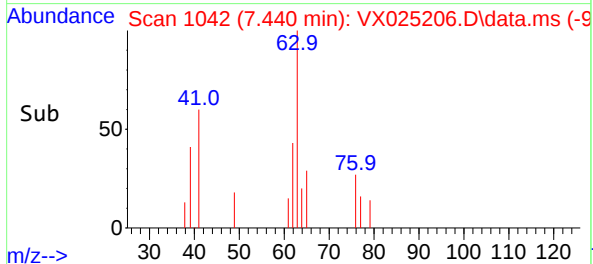
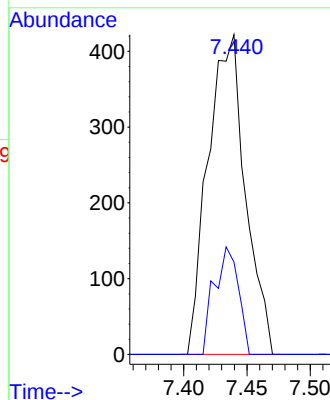
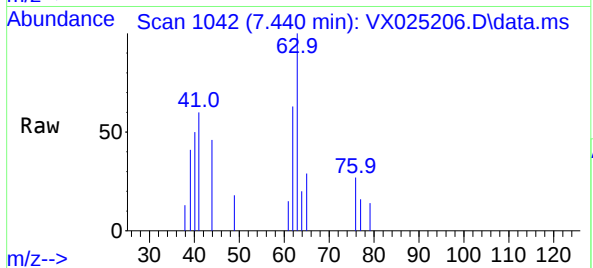
65 28.9 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2021

Supervised By :Mahesh Dadoda 11/26/2021



#46

Dibromomethane

Concen: 0.778 ug/l

RT: 7.592 min Scan# 1067

Delta R.T. 0.012 min

Lab File: VX025206.D

Acq: 18 Nov 2021 12:02

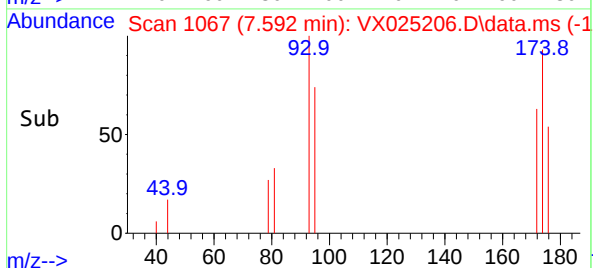
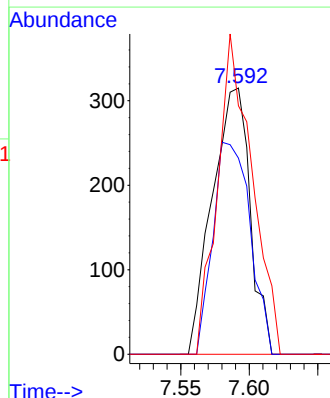
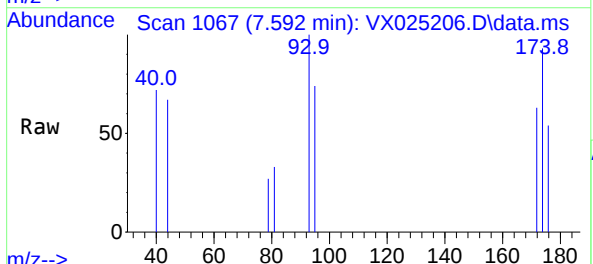
Tgt Ion: 93 Resp: 605

Ion Ratio Lower Upper

93 100

95 78.3 66.6 100.0

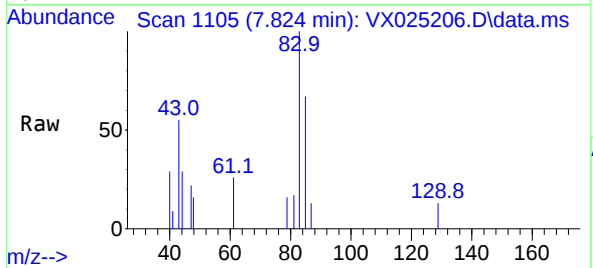
174 109.8 79.2 118.8





#47
Bromodichloromethane
Concen: 0.738 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

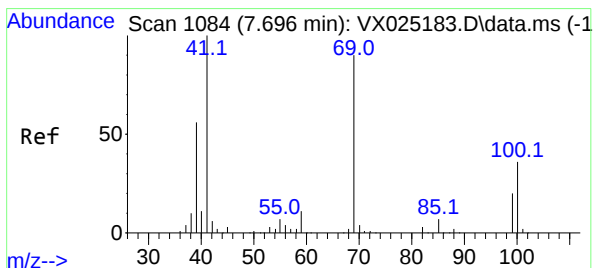
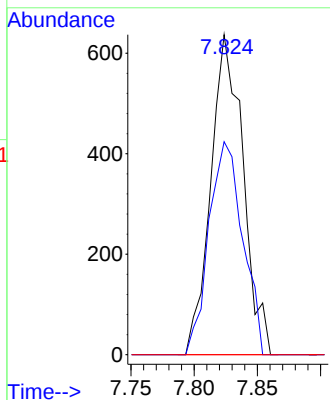
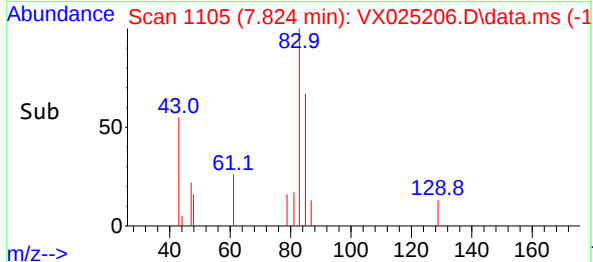
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2021



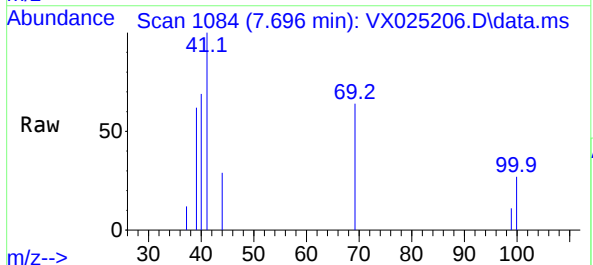
Tgt Ion: 83 Resp: 1129
Ion Ratio Lower Upper
83 100
85 66.6 53.5 80.3
127 0.0 7.7 11.5

Manual Integrations
APPROVED

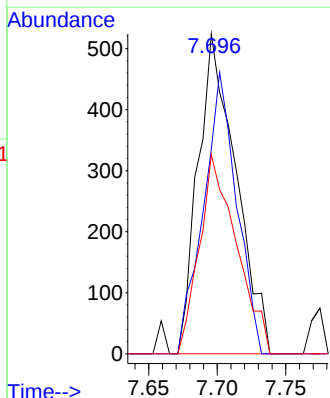
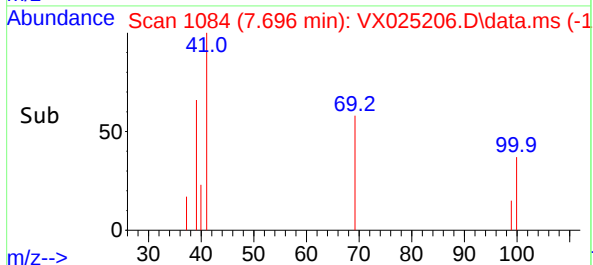
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021

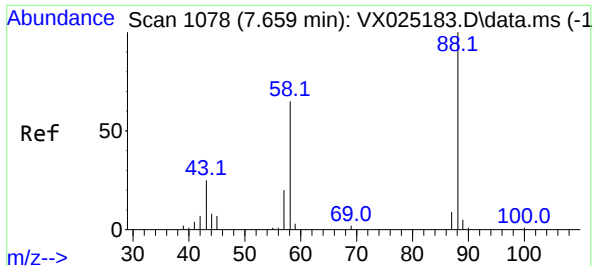


#48
Methyl methacrylate
Concen: 0.790 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02



Tgt Ion: 41 Resp: 1011
Ion Ratio Lower Upper
41 100
69 77.0 64.5 96.7
39 60.8 46.9 70.3





#49

1,4-Dioxane

Concen: 13.761 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX025206.D

Acq: 18 Nov 2021 12:02

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2021

Tgt Ion: 88 Resp: 372

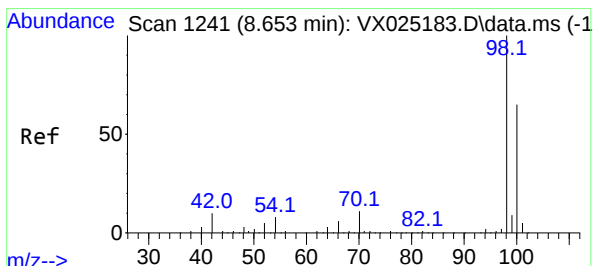
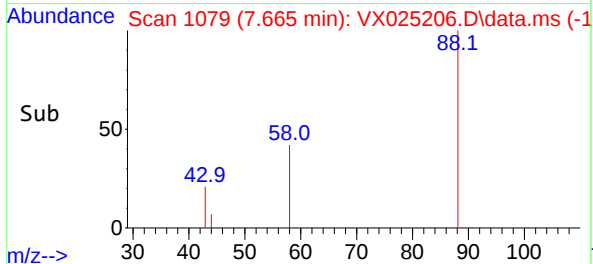
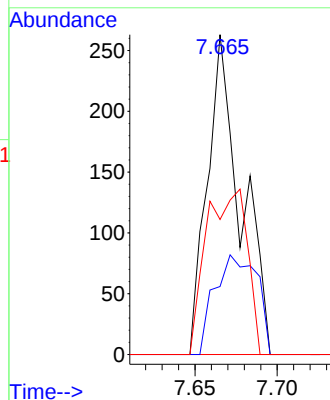
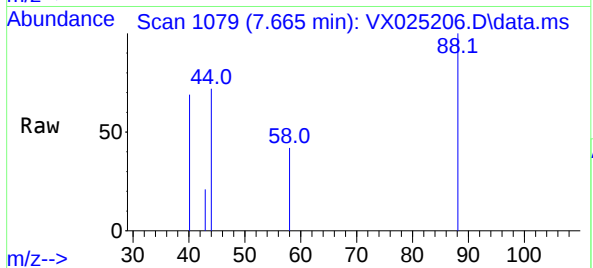
Ion	Ratio	Lower	Upper
88	100		
43	39.2	27.0	40.6
58	62.9	55.2	82.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2021

Supervised By :Mahesh Dadoda 11/26/2021



#50

Toluene-d8

Concen: 53.078 ug/l

RT: 8.653 min Scan# 1241

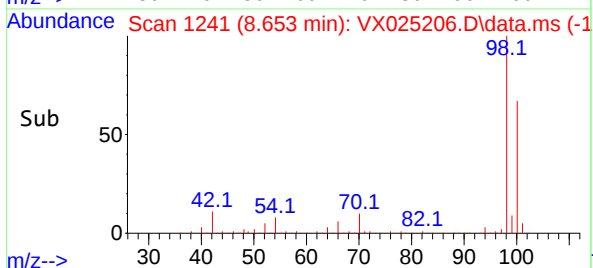
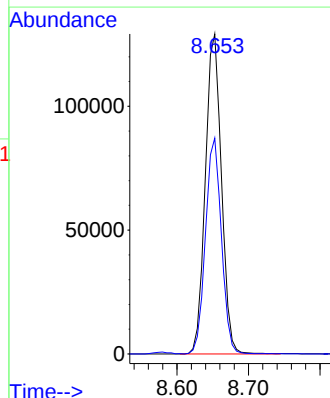
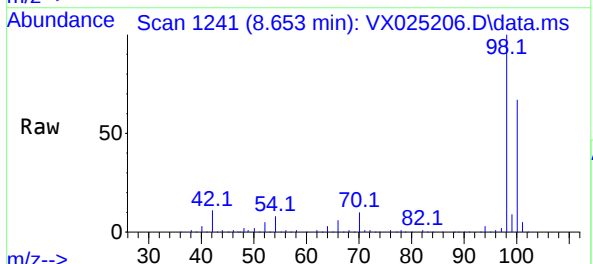
Delta R.T. -0.000 min

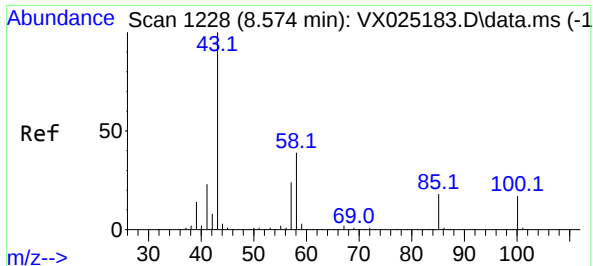
Lab File: VX025206.D

Acq: 18 Nov 2021 12:02

Tgt Ion: 98 Resp: 202172

Ion	Ratio	Lower	Upper
98	100		
100	66.9	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 3.685 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX025206.D

Acq: 18 Nov 2021 12:02

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2021

Tgt Ion: 43 Resp: 630

Ion Ratio Lower Upper

43 100

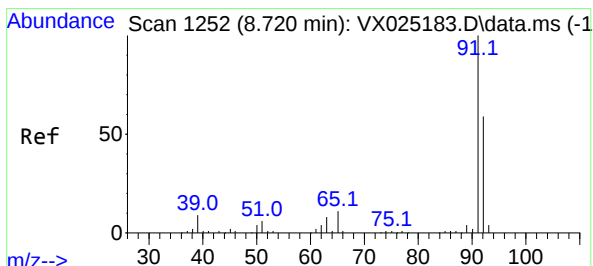
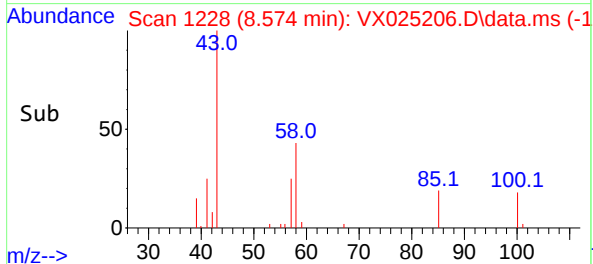
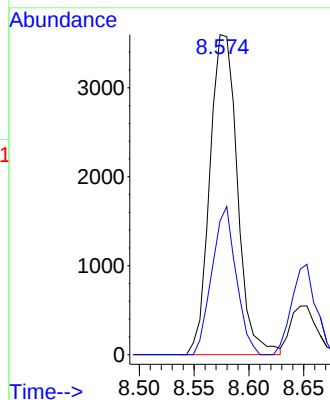
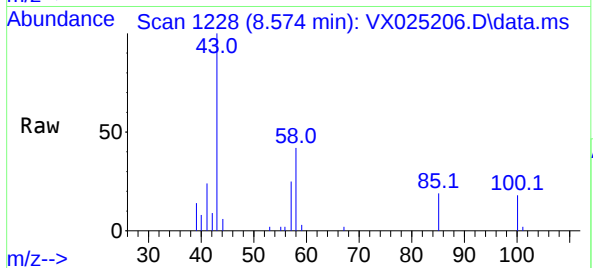
58 40.6 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2021

Supervised By :Mahesh Dadoda 11/26/2021



#52

Toluene

Concen: 0.771 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX025206.D

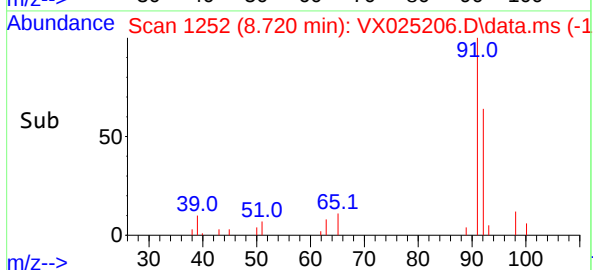
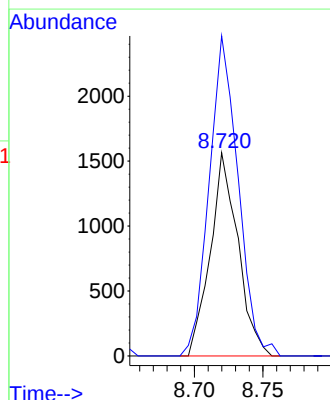
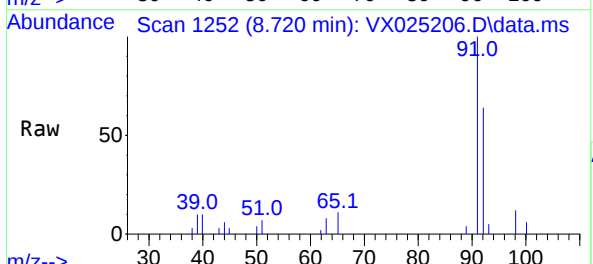
Acq: 18 Nov 2021 12:02

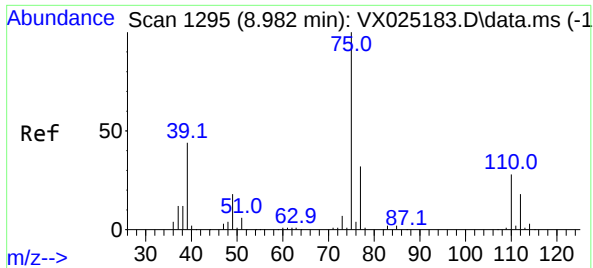
Tgt Ion: 92 Resp: 2196

Ion Ratio Lower Upper

92 100

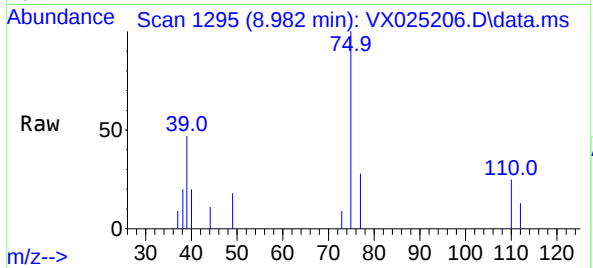
91 164.9 138.6 208.0





#53
t-1,3-Dichloropropene
Concen: 0.803 ug/l
RT: 8.982 min Scan# 1195
Delta R.T. 0.000 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

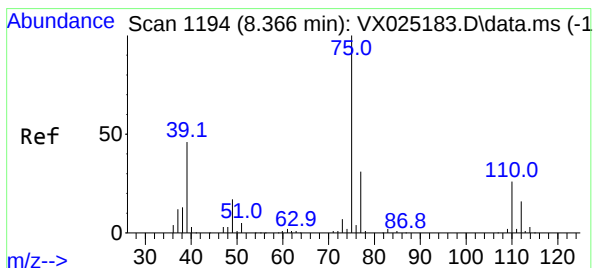
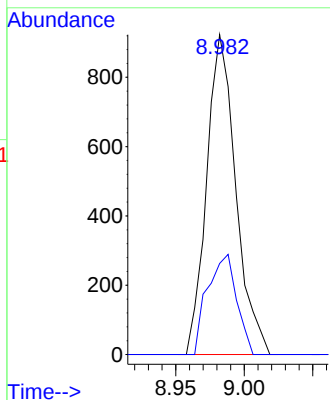
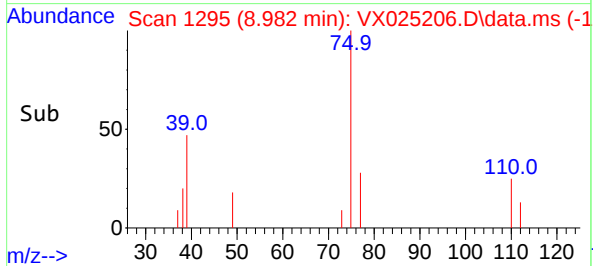
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2021



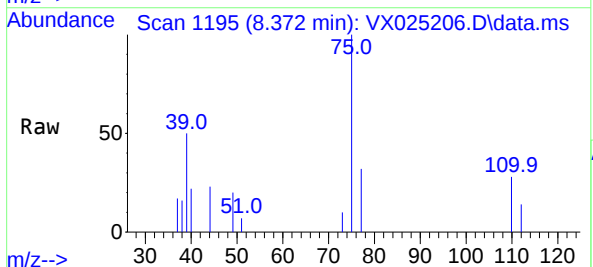
Tgt Ion: 75 Resp: 1360
Ion Ratio Lower Upper
75 100
77 28.5 25.6 38.4

Manual Integrations
APPROVED

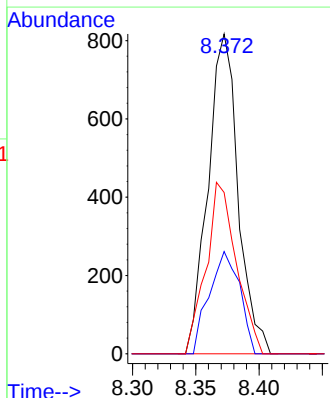
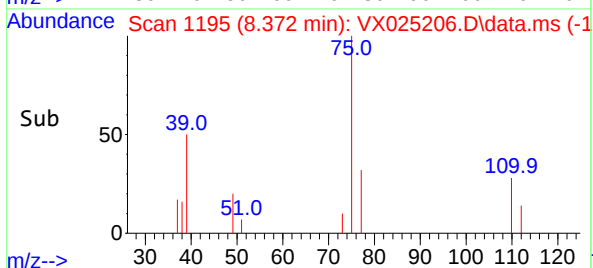
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021



#54
cis-1,3-Dichloropropene
Concen: 0.732 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02



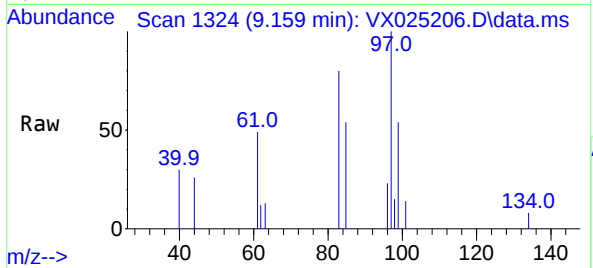
Tgt Ion: 75 Resp: 1350
Ion Ratio Lower Upper
75 100
77 31.9 23.8 35.8
39 50.4 38.8 58.2





#55
1,1,2-Trichloroethane
Concen: 0.829 ug/l
RT: 9.159 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

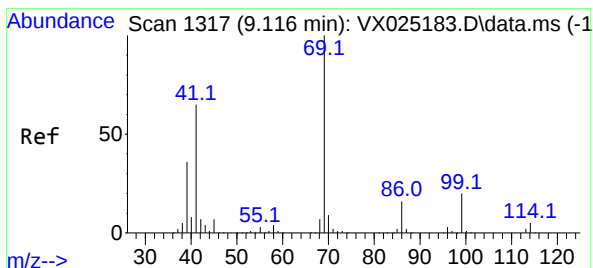
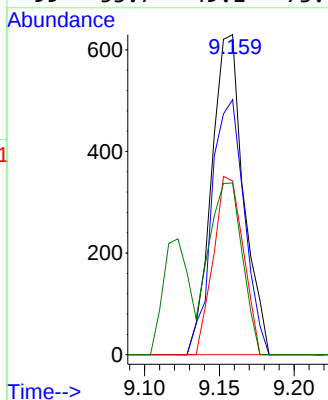
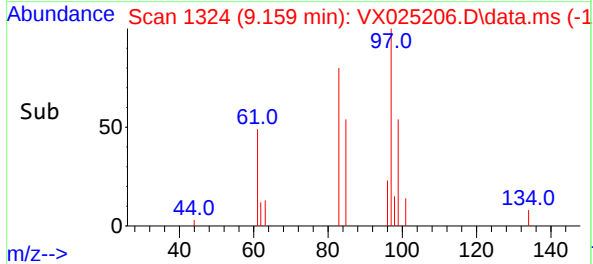
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



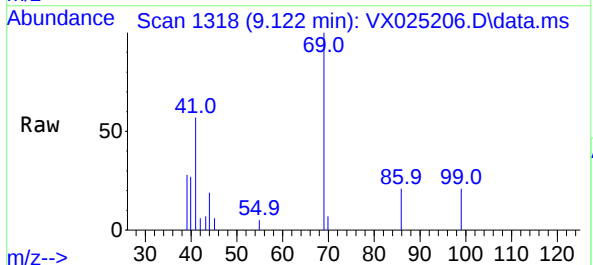
Tgt Ion: 97 Resp: 939
Ion Ratio Lower Upper
97 100
83 79.7 69.2 103.8
85 54.3 43.3 64.9
99 53.7 49.1 73.7

Manual Integrations
APPROVED

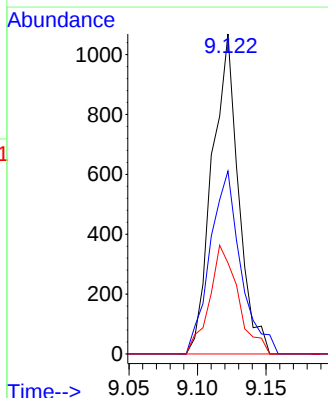
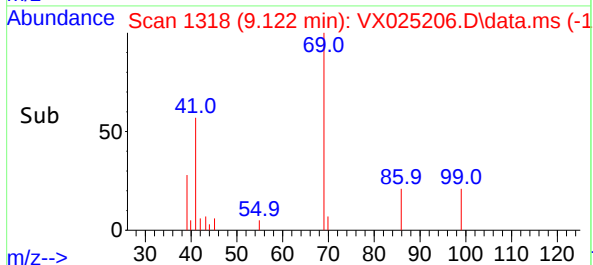
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021

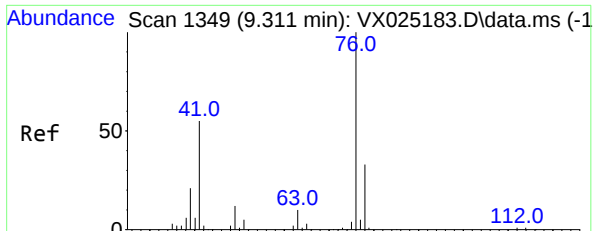


#56
Ethyl methacrylate
Concen: 0.779 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02



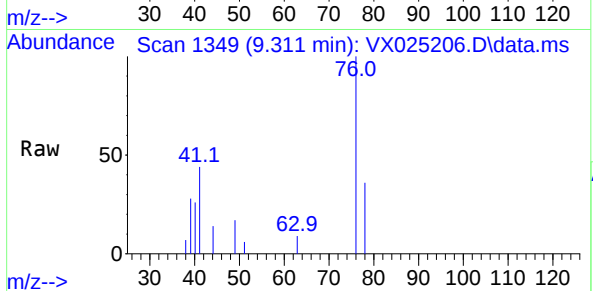
Tgt Ion: 69 Resp: 1432
Ion Ratio Lower Upper
69 100
41 66.7 55.3 82.9
39 36.9 30.2 45.4





#57
1,3-Dichloropropane
Concen: 0.797 ug/l
RT: 9.311 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

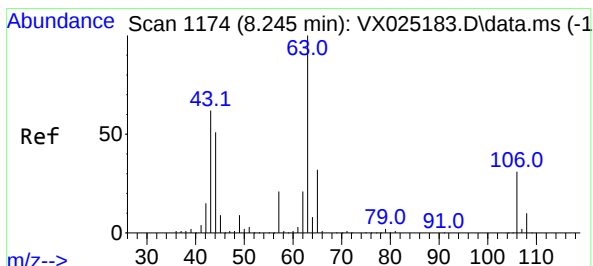
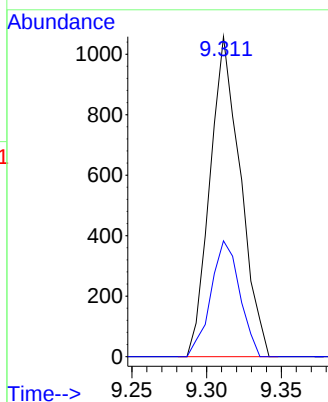
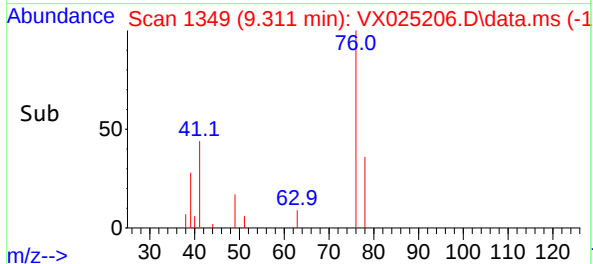
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



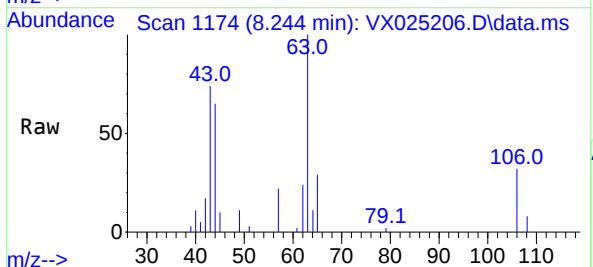
Tgt Ion: 76 Resp: 149
Ion Ratio Lower Upper
76 100
78 34.3 25.8 38.8

Manual Integrations
APPROVED

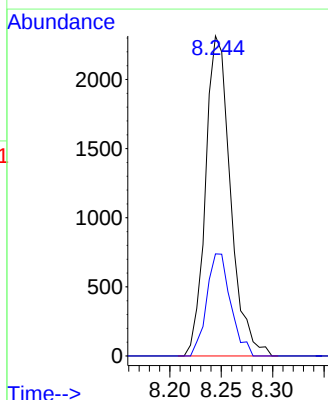
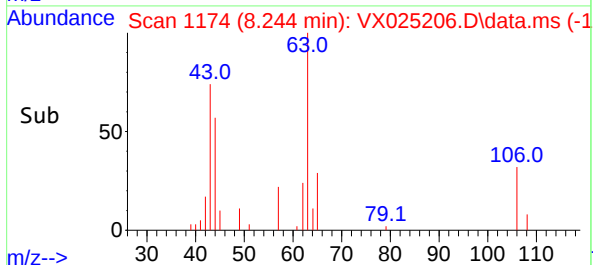
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021



#58
2-Chloroethyl Vinyl ether
Concen: 4.578 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.001 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02



Tgt Ion: 63 Resp: 3914
Ion Ratio Lower Upper
63 100
106 30.7 22.8 34.2





#59

2-Hexanone

Concen: 3.574 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX025206.D

Acq: 18 Nov 2021 12:02

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2021

Tgt Ion: 43 Resp: 4819

Ion Ratio Lower Upper

43 100

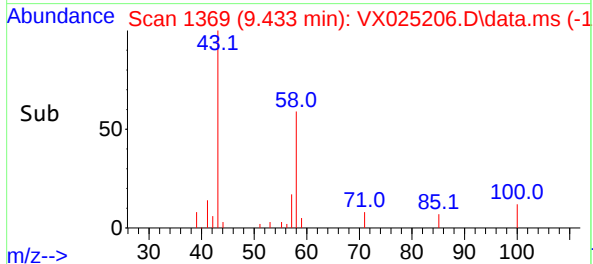
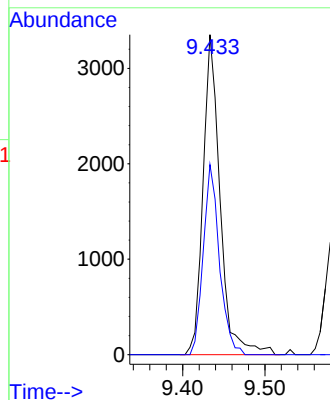
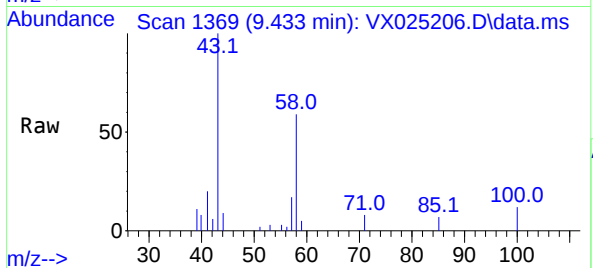
58 56.4 26.6 79.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2021

Supervised By :Mahesh Dadoda 11/26/2021



#60

Dibromochloromethane

Concen: 0.721 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX025206.D

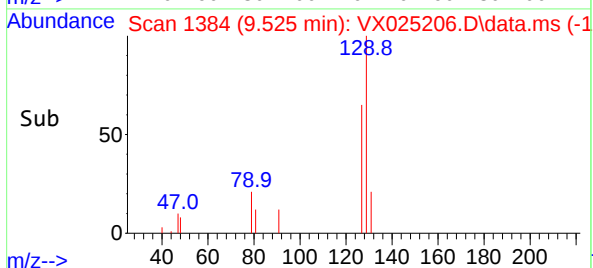
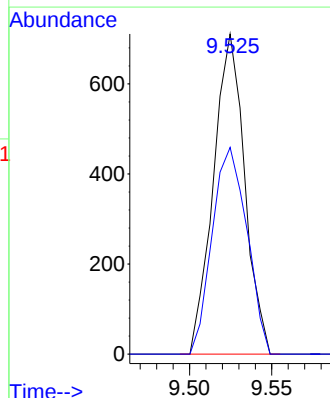
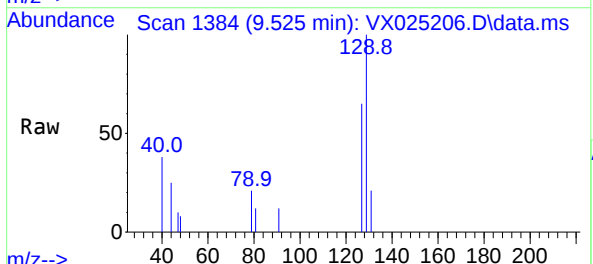
Acq: 18 Nov 2021 12:02

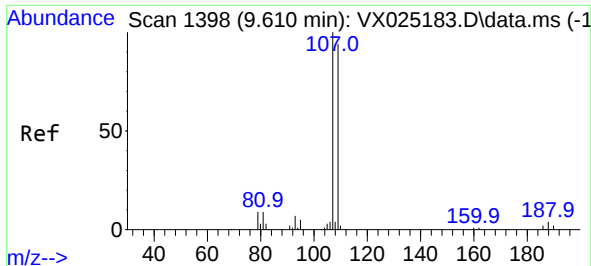
Tgt Ion:129 Resp: 939

Ion Ratio Lower Upper

129 100

127 71.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 0.736 ug/l

RT: 9.610 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX025206.D

Acq: 18 Nov 2021 12:02

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2021

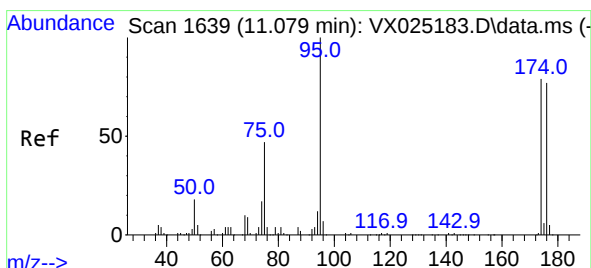
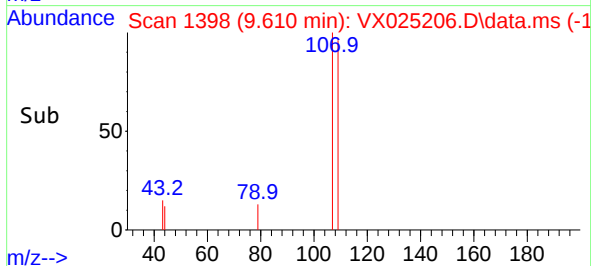
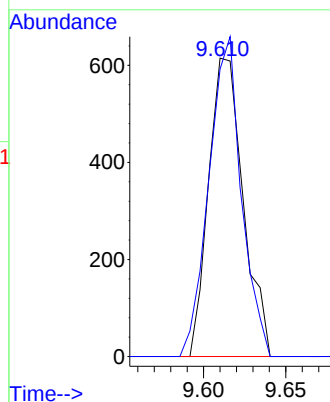
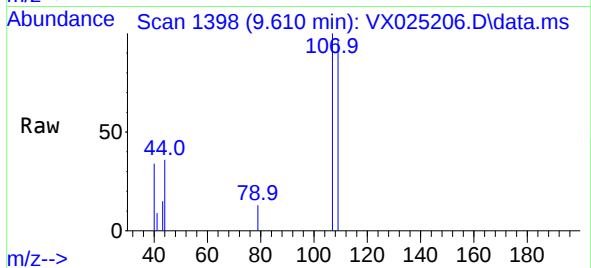
Tgt Ion:107 Resp: 902
 Ion Ratio Lower Upper
 107 100
 109 100.2 74.4 111.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2021

Supervised By :Mahesh Dadoda 11/26/2021



#62

4-Bromofluorobenzene

Concen: 50.122 ug/l

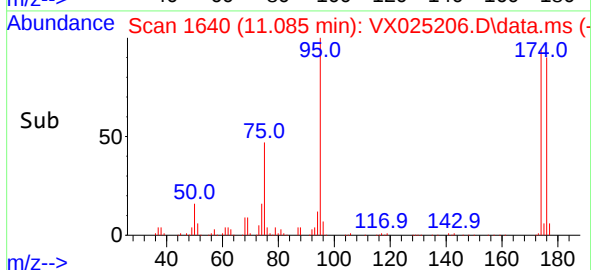
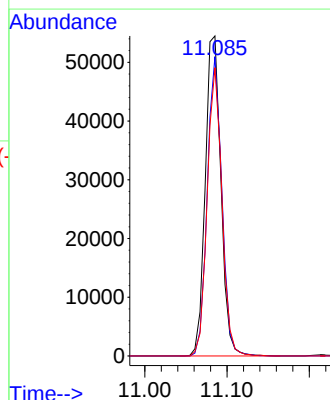
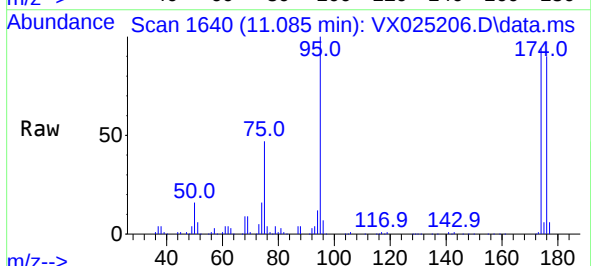
RT: 11.085 min Scan# 1640

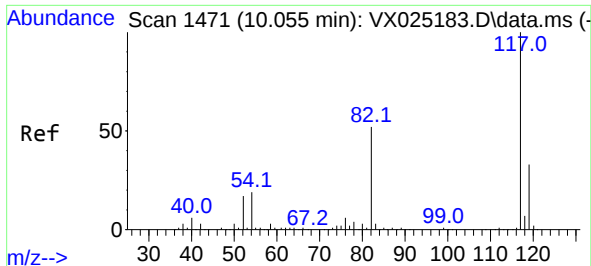
Delta R.T. 0.006 min

Lab File: VX025206.D

Acq: 18 Nov 2021 12:02

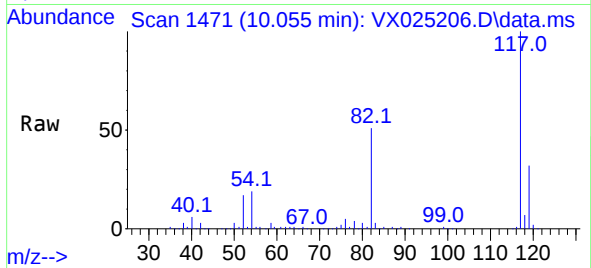
Tgt Ion: 95 Resp: 72223
 Ion Ratio Lower Upper
 95 100
 174 87.1 0.0 158.0
 176 84.6 0.0 153.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

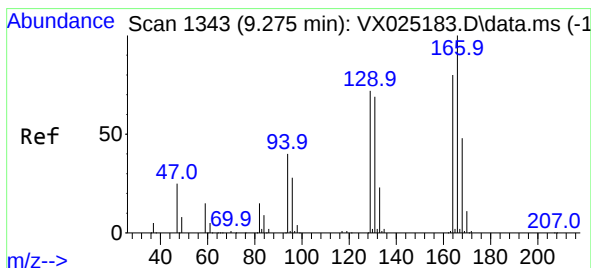
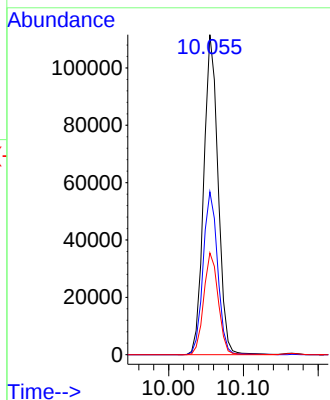
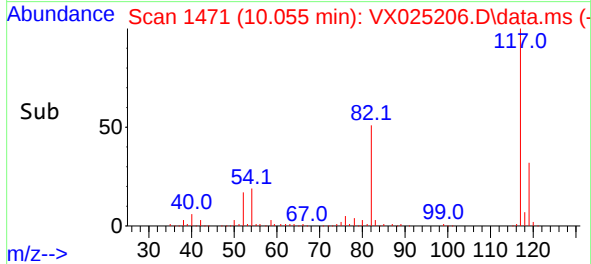
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2021



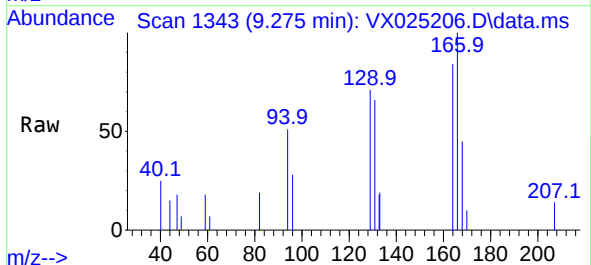
Tgt Ion:117 Resp: 148550
Ion Ratio Lower Upper
117 100
82 50.9 44.6 67.0
119 31.8 24.8 37.2

Manual Integrations
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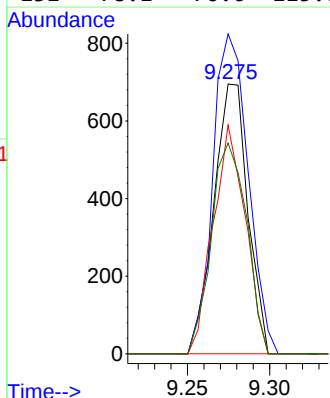
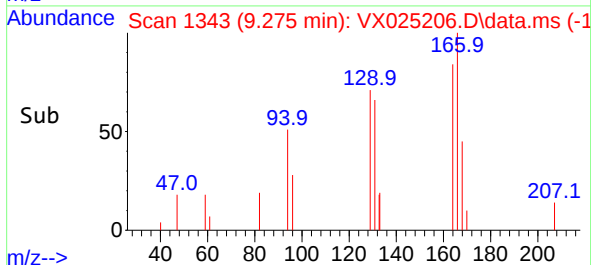
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021

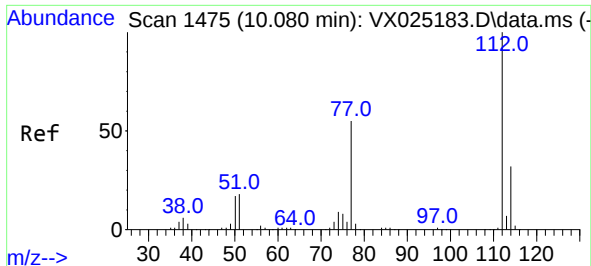


#64
Tetrachloroethene
Concen: 0.819 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02



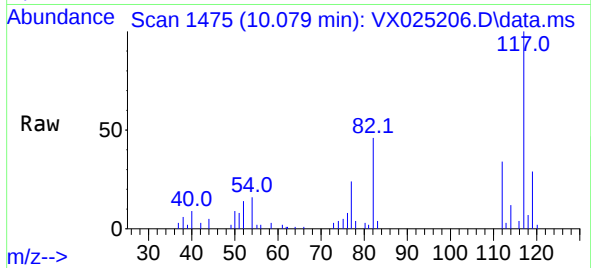
Tgt Ion:164 Resp: 1003
Ion Ratio Lower Upper
164 100
166 118.6 103.2 154.8
129 84.7 81.0 121.4
131 78.1 76.6 115.0





#65
Chlorobenzene
Concen: 0.800 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.001 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

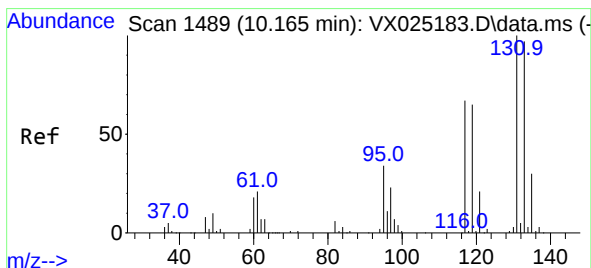
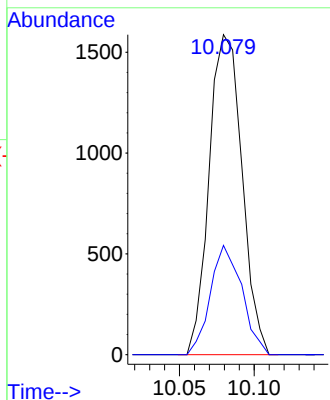
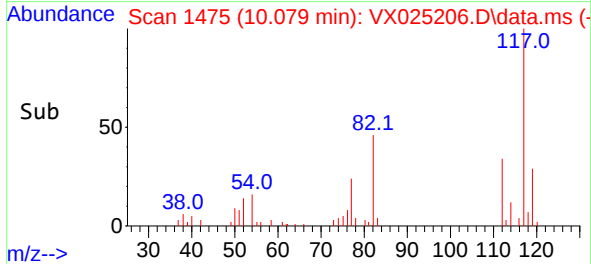
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2021



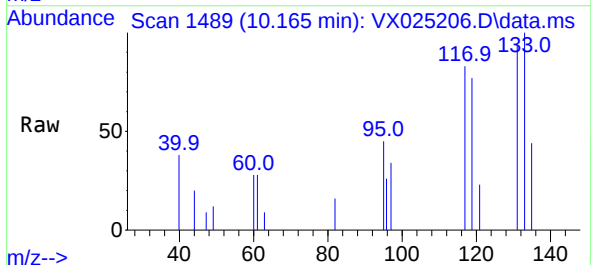
Tgt Ion:112 Resp: 242
Ion Ratio Lower Upper
112 100
114 34.2 25.8 38.6

Manual Integrations
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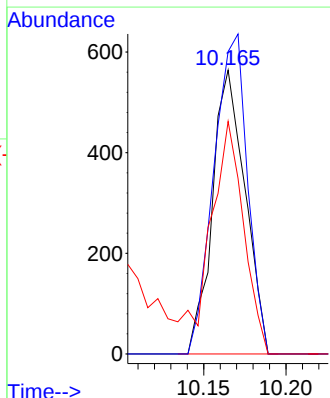
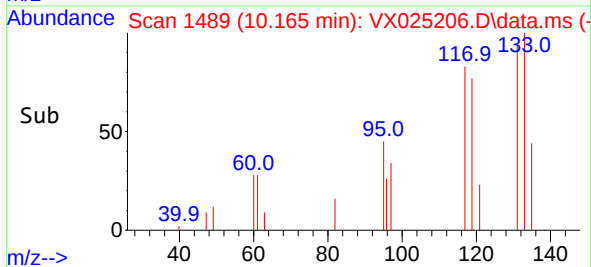
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021

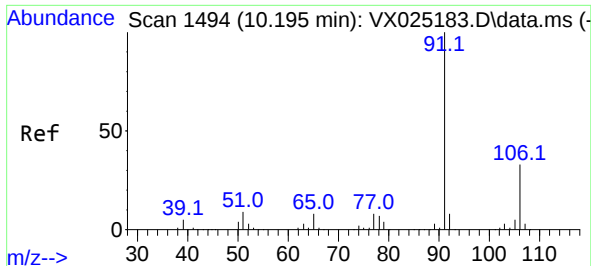


#66
1,1,1,2-Tetrachloroethane
Concen: 0.673 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02



Tgt Ion:131 Resp: 781
Ion Ratio Lower Upper
131 100
133 116.0 48.1 144.4
119 0.0 32.0 96.0#





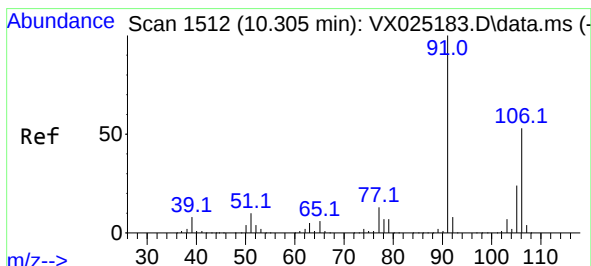
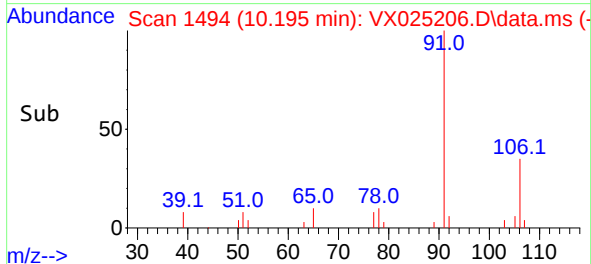
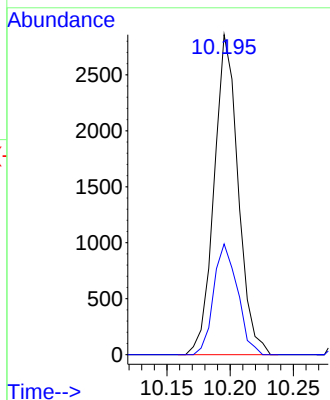
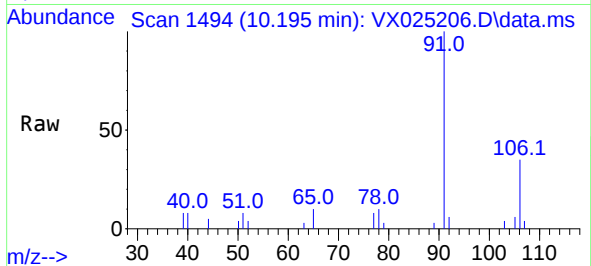
#67
Ethyl Benzene
Concen: 0.722 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

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

Tgt Ion: 91 Resp: 3778
Ion Ratio Lower Upper
91 100
106 34.6 24.7 37.1

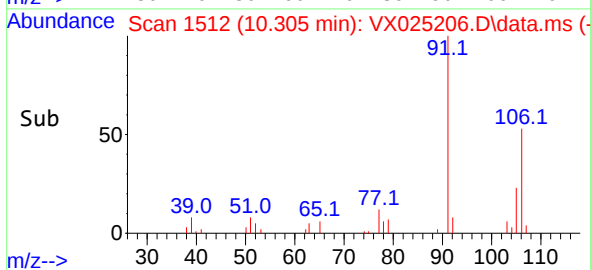
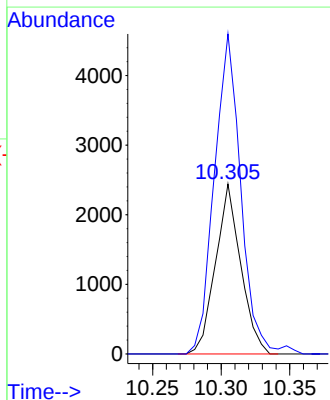
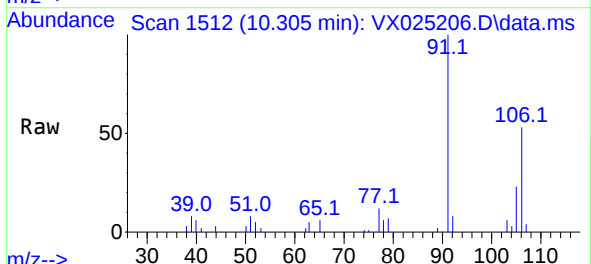
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021



#68
m/p-Xylenes
Concen: 1.461 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

Tgt Ion:106 Resp: 3121
Ion Ratio Lower Upper
106 100
91 198.2 163.4 245.0





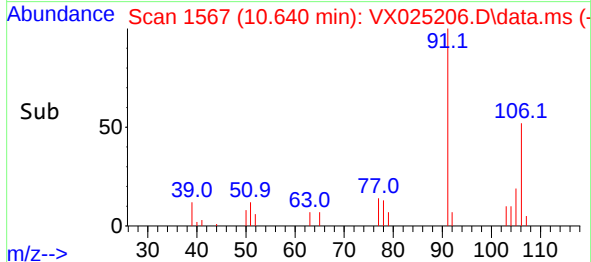
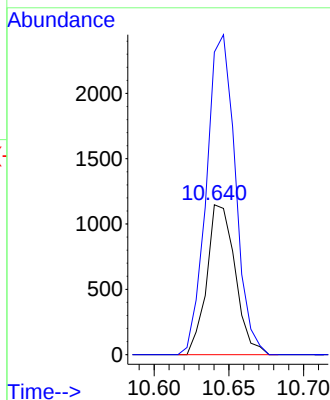
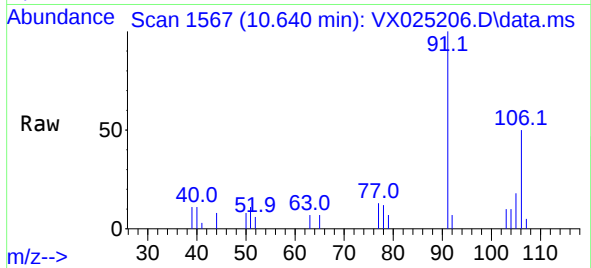
#69
o-Xylene
Concen: 0.723 ug/l
RT: 10.640 min Scan# 151
Delta R.T. -0.007 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

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

Tgt Ion:106 Resp: 151
Ion Ratio Lower Upper
106 100
91 217.4 109.5 328.4

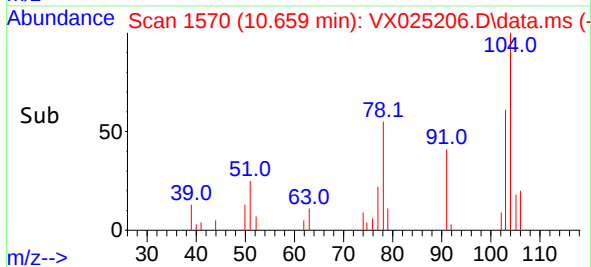
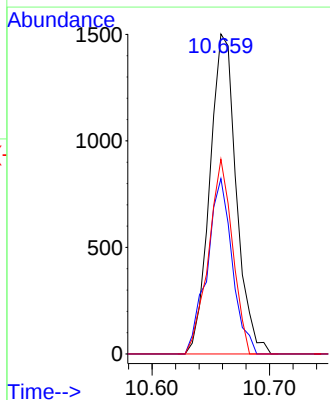
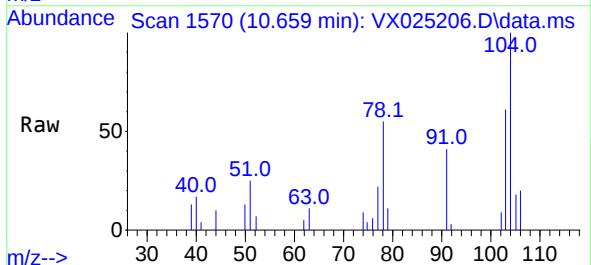
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021



#70
Styrene
Concen: 0.681 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

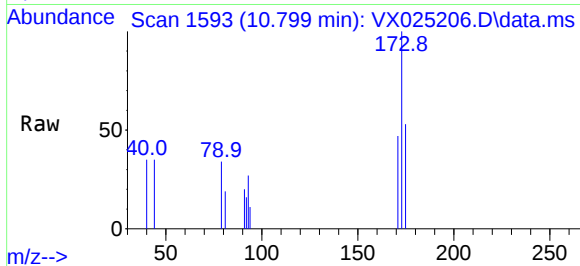
Tgt Ion:104 Resp: 2353
Ion Ratio Lower Upper
104 100
78 52.0 41.3 61.9
103 55.1 43.5 65.3





#71
Bromoform
Concen: 0.665 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

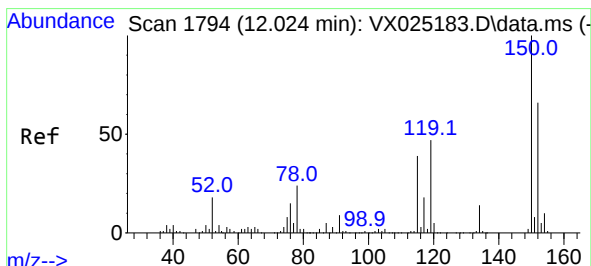
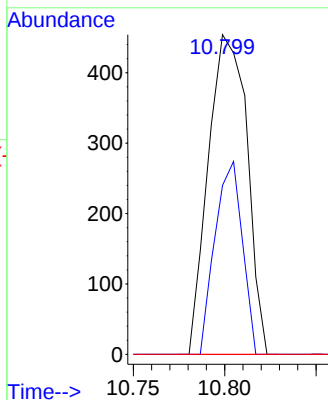
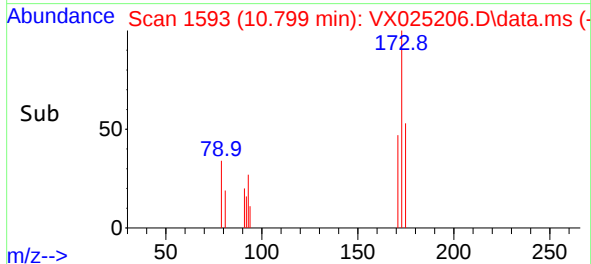
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



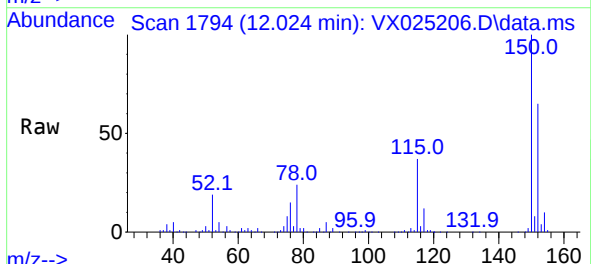
Tgt Ion:173 Resp: 670
Ion Ratio Lower Upper
173 100
175 42.5 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
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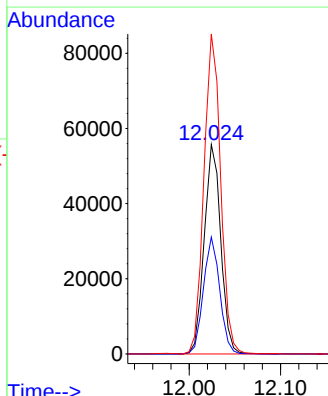
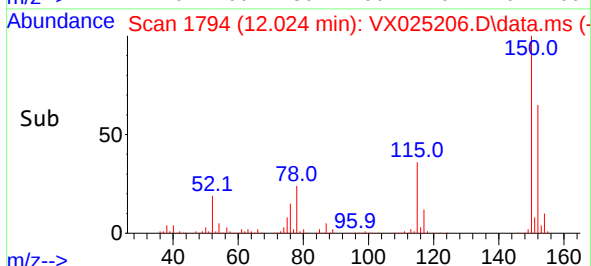
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021

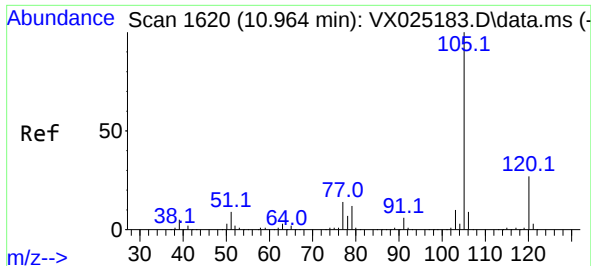


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02



Tgt Ion:152 Resp: 69816
Ion Ratio Lower Upper
152 100
115 55.1 43.3 129.8
150 154.6 0.0 351.2





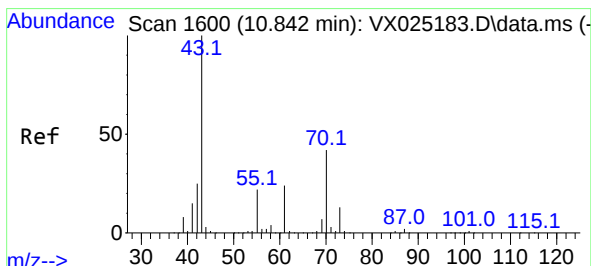
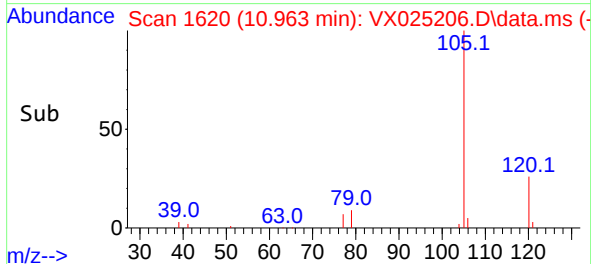
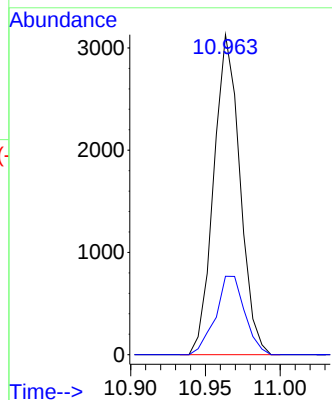
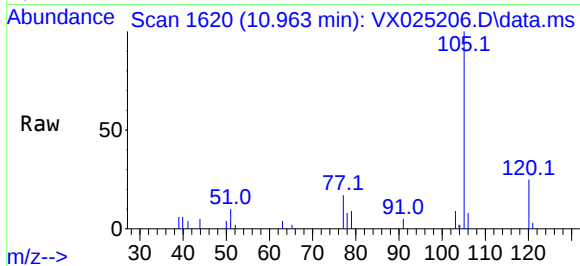
#73
Isopropylbenzene
Concen: 0.767 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. -0.001 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

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

Tgt Ion:105 Resp: 3810
Ion Ratio Lower Upper
105 100
120 27.3 13.3 39.8

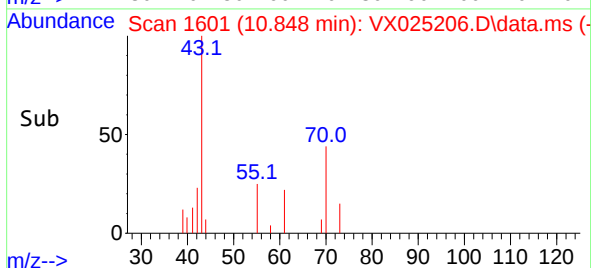
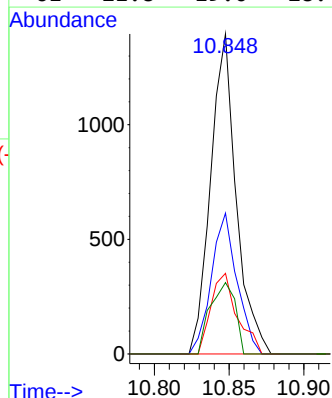
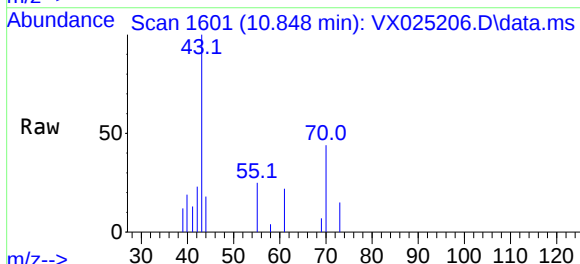
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021



#74
N-ethyl acetate
Concen: 0.772 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

Tgt Ion: 43 Resp: 1662
Ion Ratio Lower Upper
43 100
70 44.0 33.7 50.5
55 25.9 19.7 29.5
61 21.8 19.0 28.4





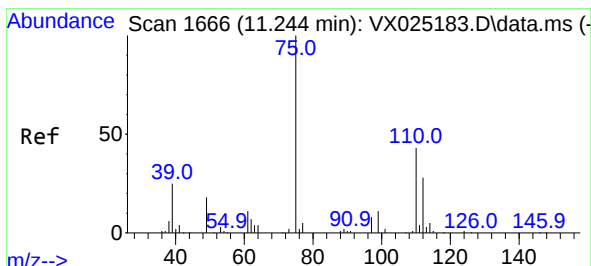
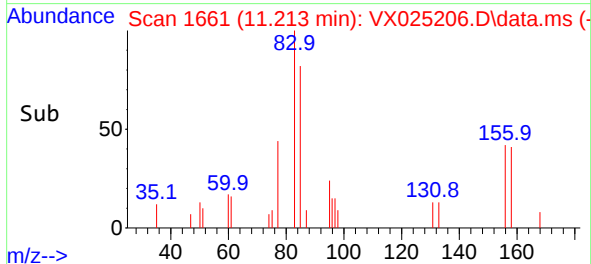
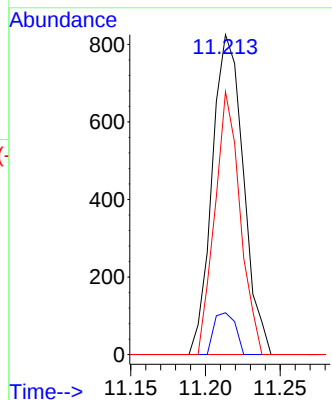
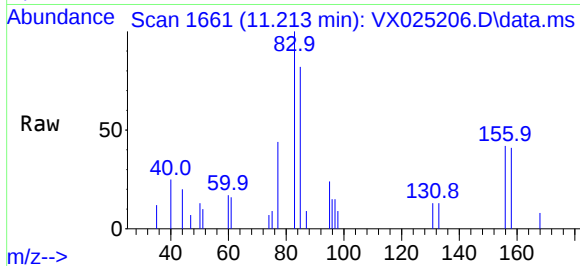
#75
1,1,2,2-Tetrachloroethane
Concen: 0.744 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.001 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

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

Tgt Ion: 83 Resp: 119
Ion Ratio Lower Upper
83 100
131 8.9 5.3 16.1
85 66.3 32.3 96.9

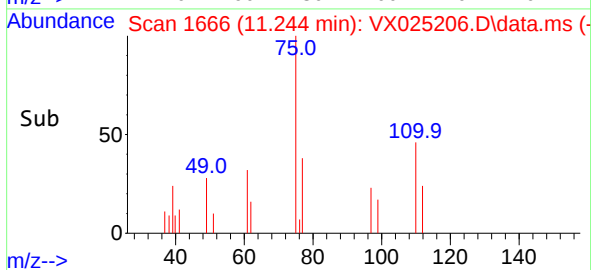
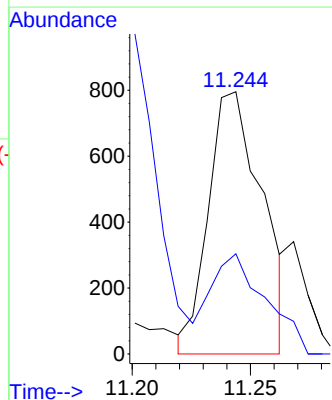
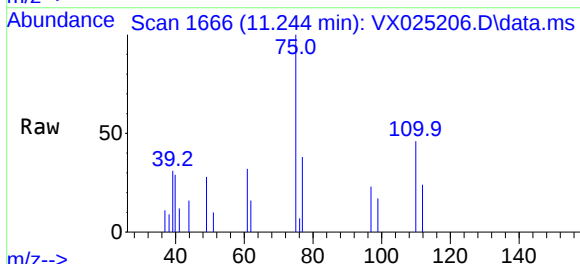
Manual Integrations
APPROVED

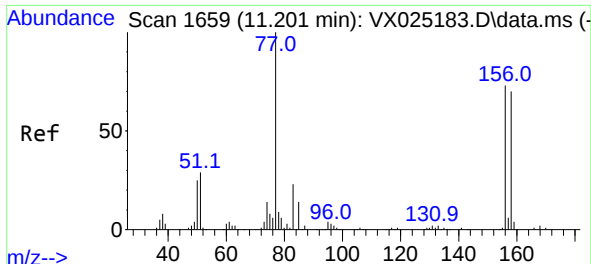
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021



#76
1,2,3-Trichloropropane
Concen: 0.879 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

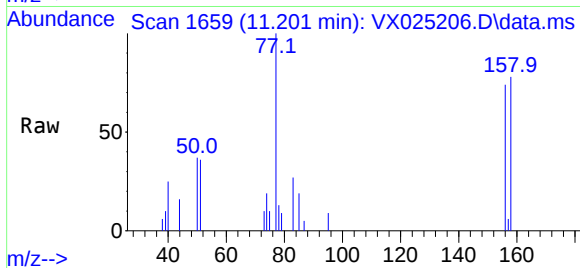
Tgt Ion: 75 Resp: 1257
Ion Ratio Lower Upper
75 100
77 39.1 20.0 59.9





#77
Bromobenzene
Concen: 0.794 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

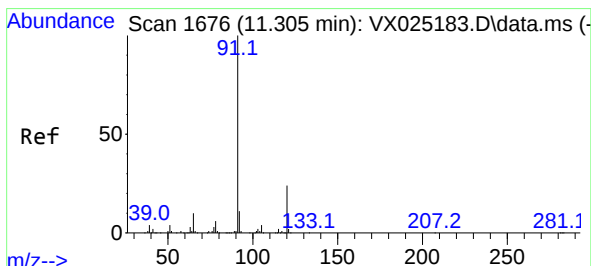
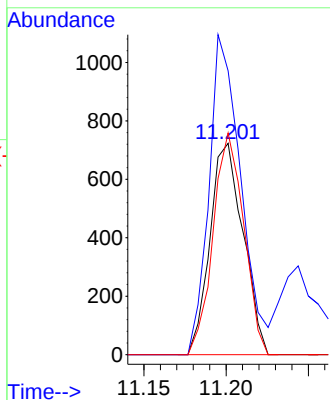
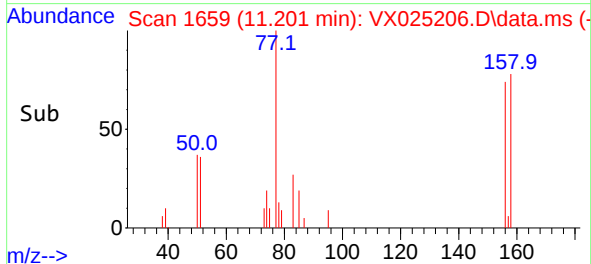
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



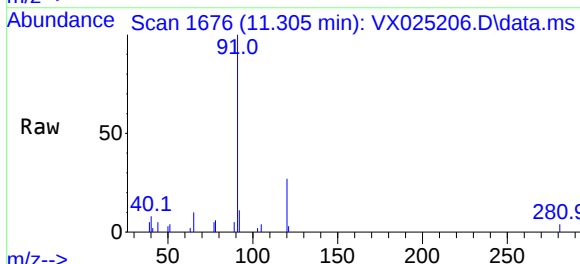
Tgt Ion:156 Resp: 1010
Ion Ratio Lower Upper
156 100
77 145.2 78.3 234.8
158 96.9 48.9 146.6

Manual Integrations
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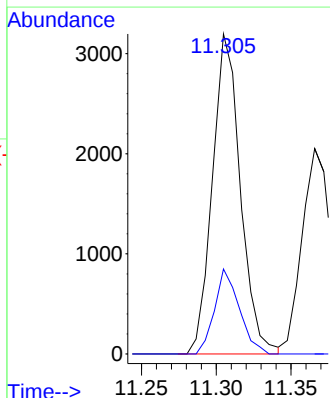
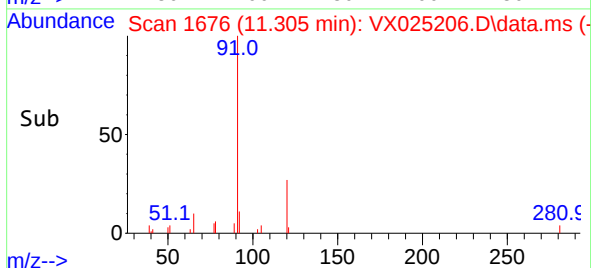
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021

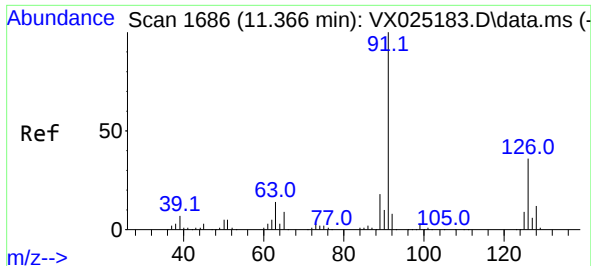


#78
n-propylbenzene
Concen: 0.744 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02



Tgt Ion: 91 Resp: 4156
Ion Ratio Lower Upper
91 100
120 23.5 11.7 35.0





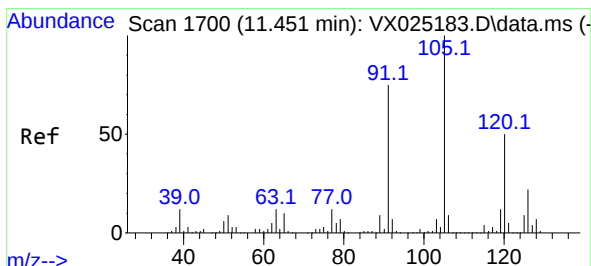
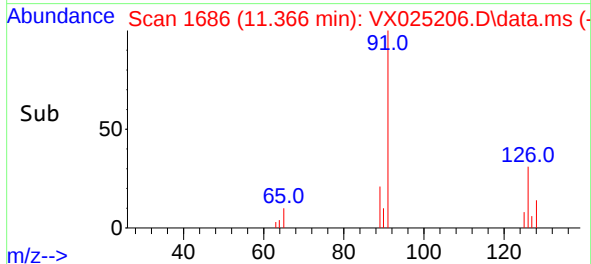
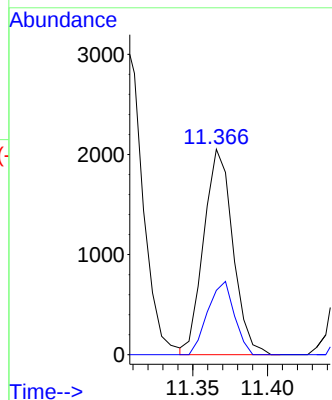
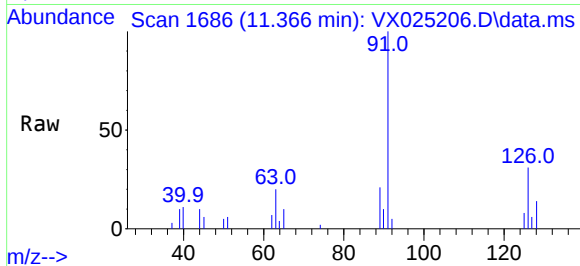
#79
2-Chlorotoluene
Concen: 0.819 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

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

Tgt Ion: 91 Resp: 2780
Ion Ratio Lower Upper
91 100
126 32.3 17.0 50.9

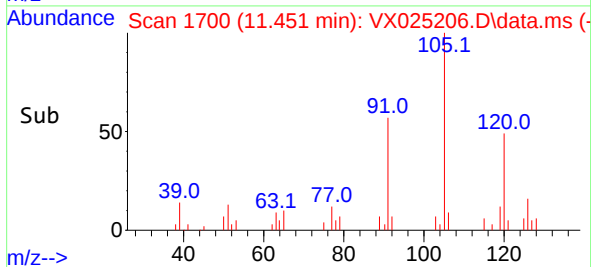
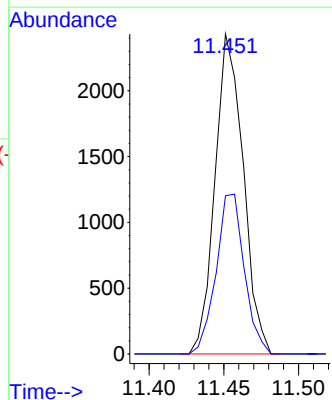
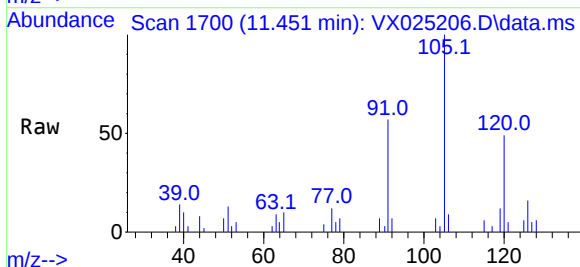
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021



#80
1,3,5-Trimethylbenzene
Concen: 0.762 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

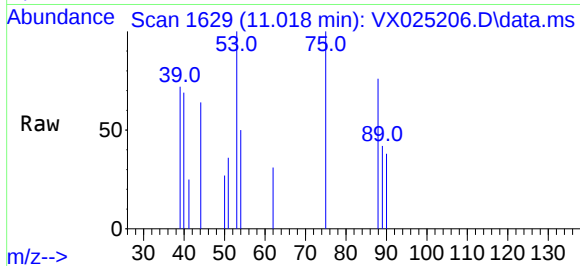
Tgt Ion:105 Resp: 3187
Ion Ratio Lower Upper
105 100
120 50.0 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 0.611 ug/l m
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

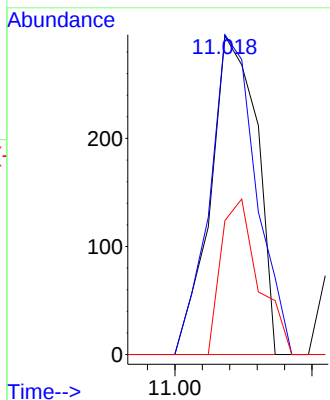
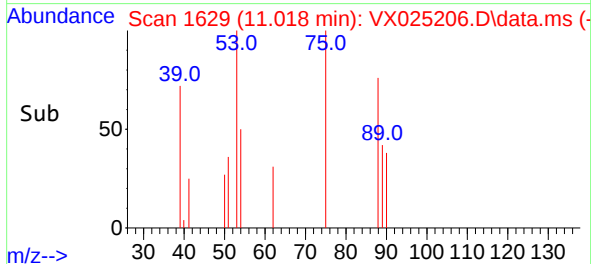
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



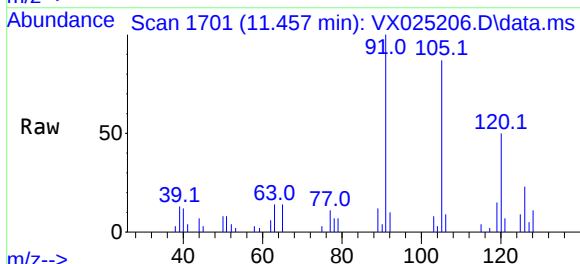
Tgt Ion: 75 Resp: 347
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9
89 0.0 38.2 57.2

Manual Integrations
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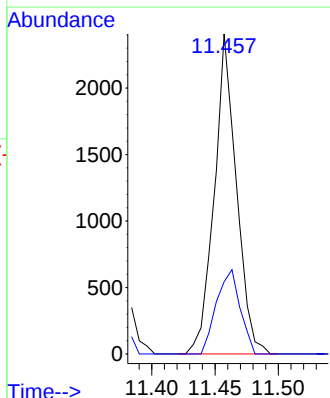
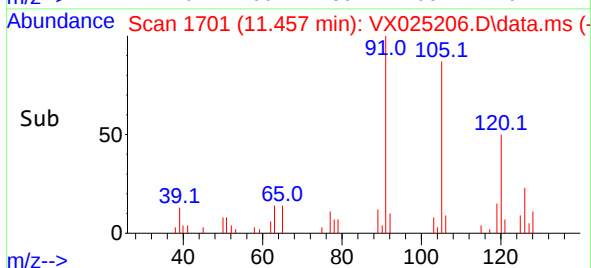
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021



#82
4-Chlorotoluene
Concen: 0.753 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02



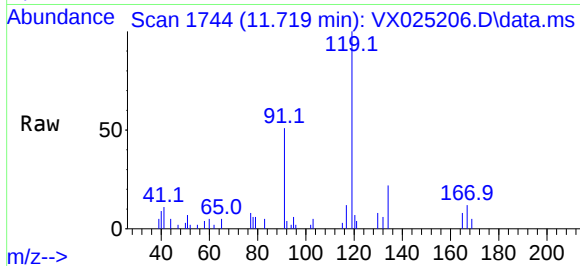
Tgt Ion: 91 Resp: 2923
Ion Ratio Lower Upper
91 100
126 28.2 14.9 44.5





#83
tert-Butylbenzene
Concen: 0.795 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. -0.001 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

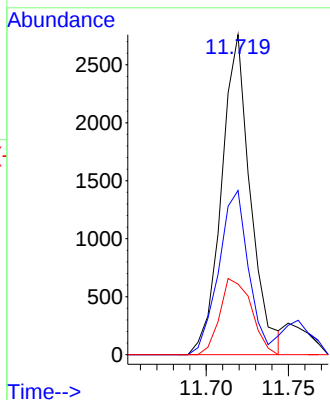
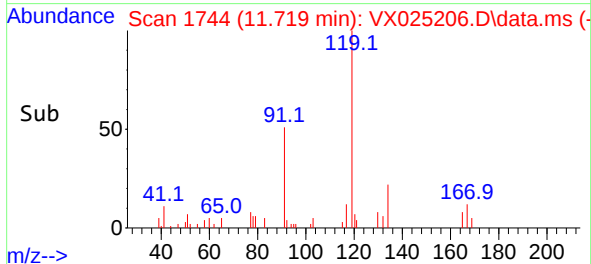
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2021



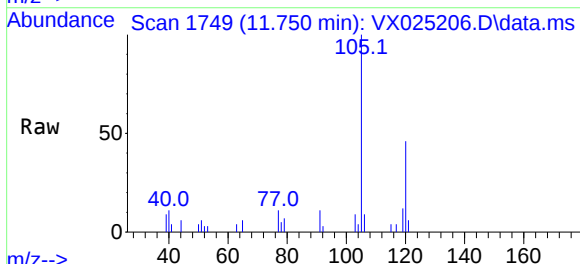
Tgt Ion:119 Resp: 3379
Ion Ratio Lower Upper
119 100
91 52.9 30.3 90.9
134 25.8 11.4 34.1

Manual Integrations
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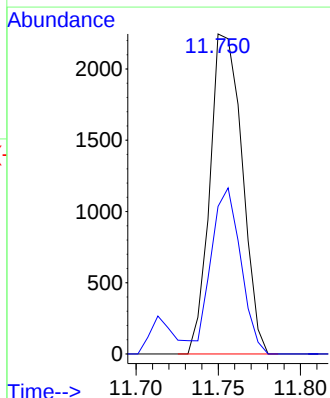
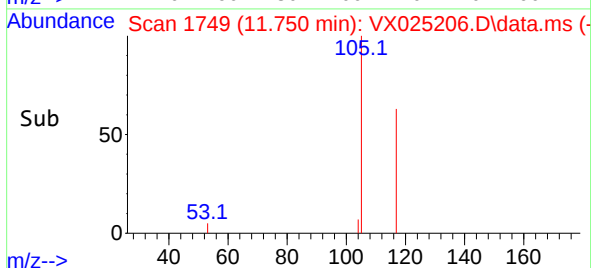
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021

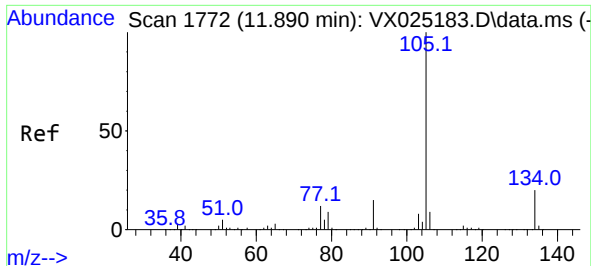


#84
1,2,4-Trimethylbenzene
Concen: 0.741 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02



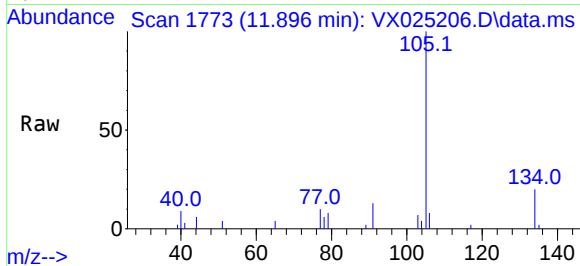
Tgt Ion:105 Resp: 3065
Ion Ratio Lower Upper
105 100
120 48.0 22.1 66.3





#85
 sec-Butylbenzene
 Concen: 0.710 ug/l
 RT: 11.896 min Scan# 1773
 Delta R.T. 0.006 min
 Lab File: VX025206.D
 Acq: 18 Nov 2021 12:02

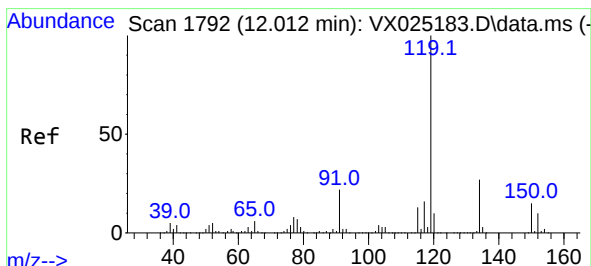
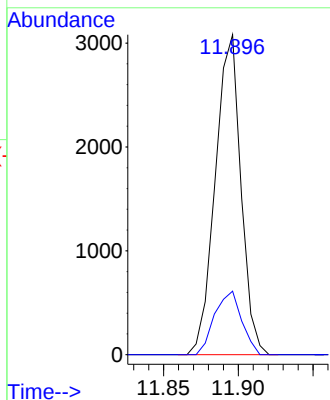
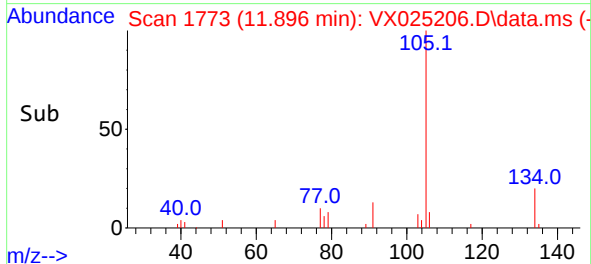
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2021



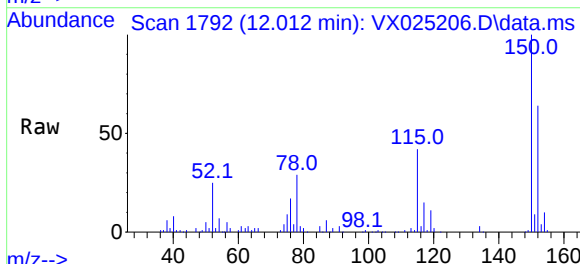
Tgt Ion:105 Resp: 3670
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.2 30.4

Manual Integrations
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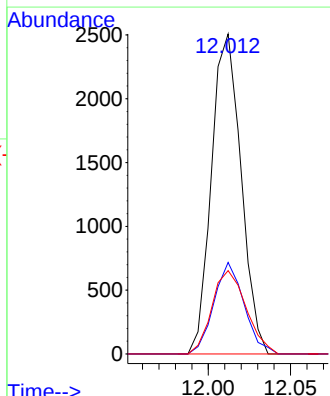
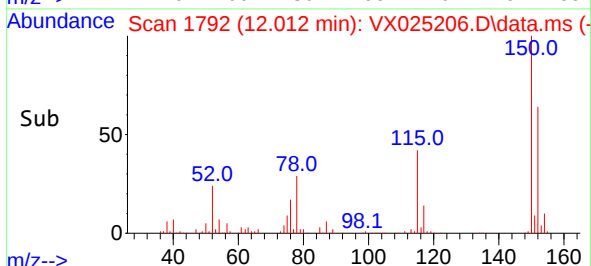
Reviewed By :John Carlone 11/19/2021
 Supervised By :Mahesh Dadoda 11/26/2021

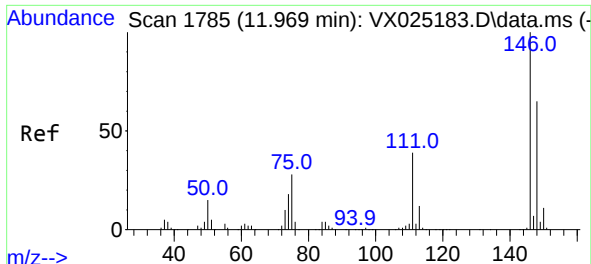


#86
 p-Isopropyltoluene
 Concen: 0.707 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX025206.D
 Acq: 18 Nov 2021 12:02



Tgt Ion:119 Resp: 3138
 Ion Ratio Lower Upper
 119 100
 134 29.3 13.2 39.5
 91 30.2 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 0.772 ug/l

RT: 11.975 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VX025206.D

Acq: 18 Nov 2021 12:02

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2021

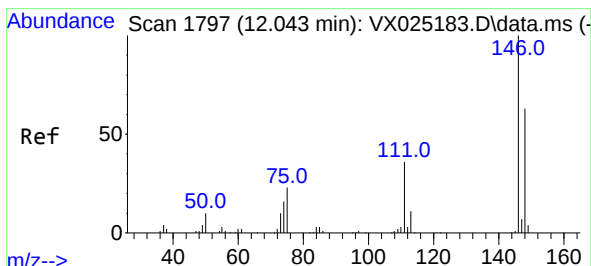
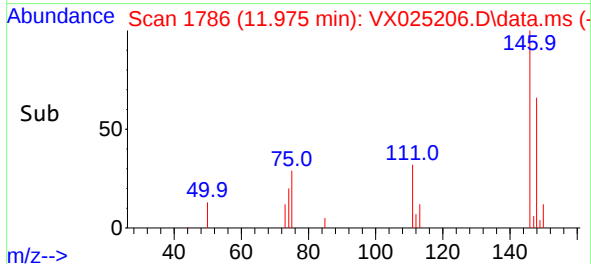
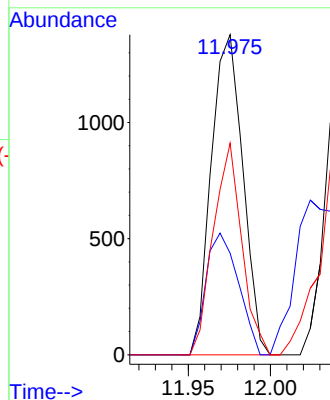
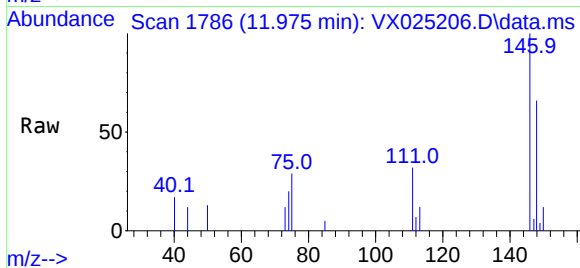
Tgt Ion:146 Resp: 1839
 Ion Ratio Lower Upper
 146 100
 111 39.2 20.6 61.9
 148 60.0 32.0 96.2

Manual Integrations

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Reviewed By :John Carlone 11/19/2021

Supervised By :Mahesh Dadoda 11/26/2021



#88

1,4-Dichlorobenzene

Concen: 0.791 ug/l m

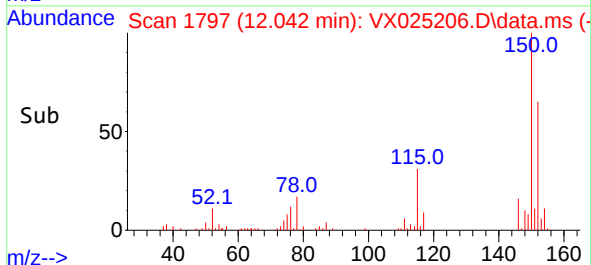
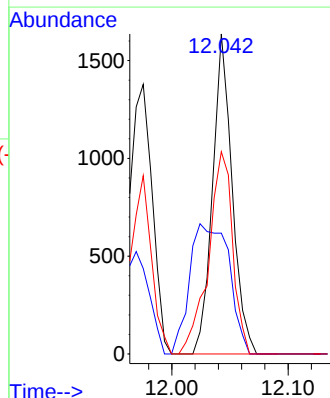
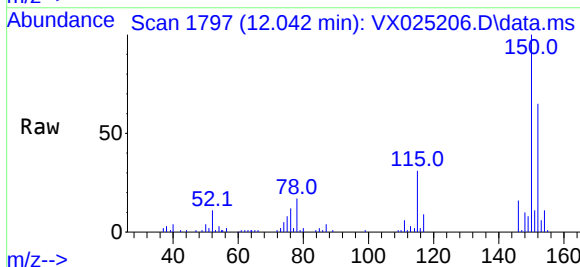
RT: 12.042 min Scan# 1797

Delta R.T. -0.001 min

Lab File: VX025206.D

Acq: 18 Nov 2021 12:02

Tgt Ion:146 Resp: 1910
 Ion Ratio Lower Upper
 146 100
 111 37.7 20.4 61.3
 148 57.7 32.4 97.0





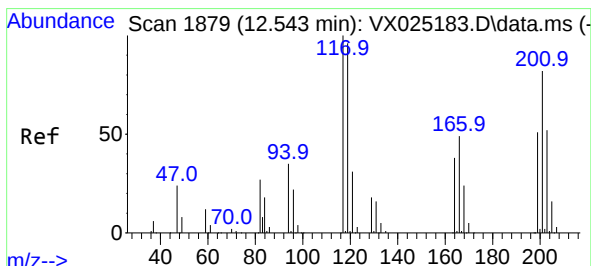
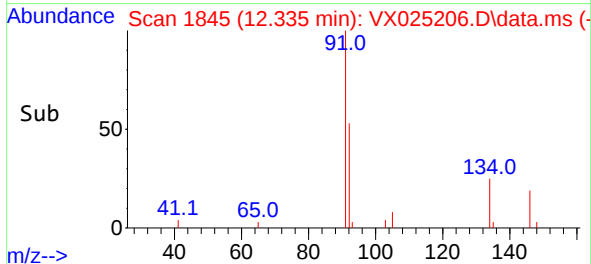
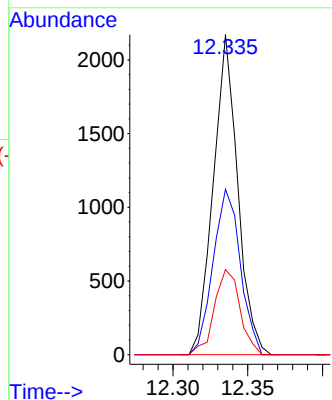
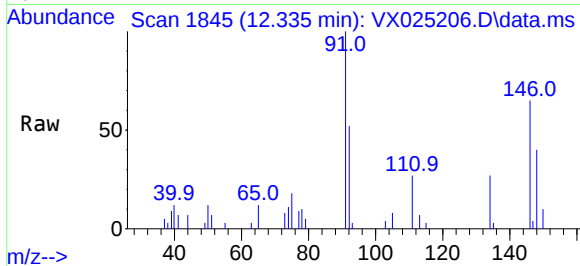
#89
n-Butylbenzene
Concen: 0.658 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

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

Tgt Ion: 91 Resp: 246
Ion Ratio Lower Upper
91 100
92 57.6 26.3 78.8
134 27.9 13.0 38.9

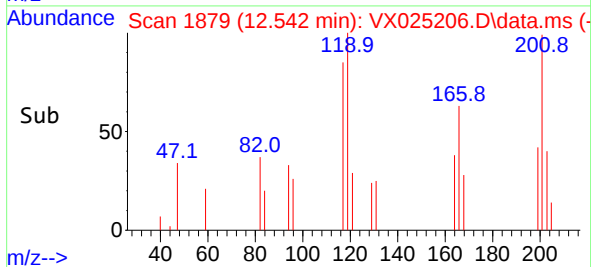
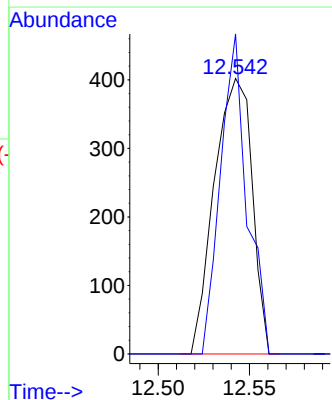
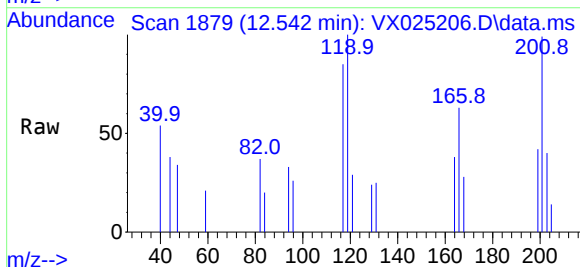
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021



#90
Hexachloroethane
Concen: 0.706 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. -0.001 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

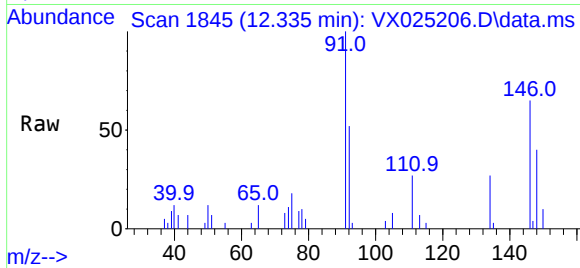
Tgt Ion:117 Resp: 578
Ion Ratio Lower Upper
117 100
201 81.3 38.9 116.6





#91
1,2-Dichlorobenzene
Concen: 0.827 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

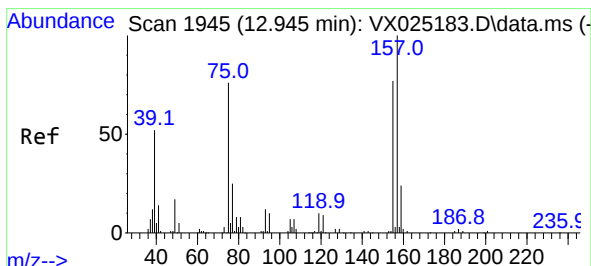
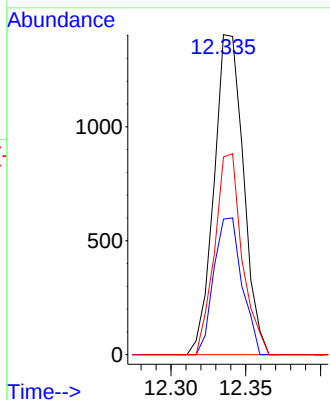
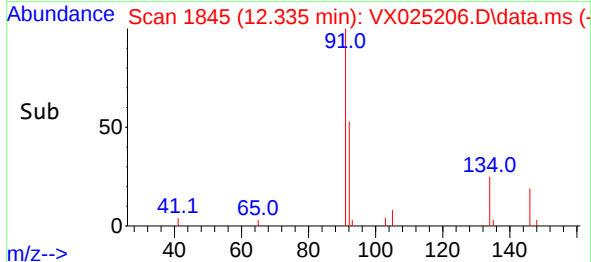
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2021



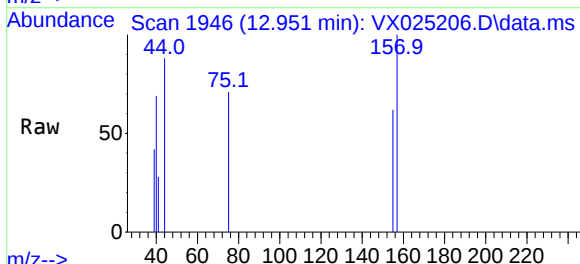
Tgt Ion:146 Resp: 1920
Ion Ratio Lower Upper
146 100
111 40.8 21.2 63.6
148 58.9 32.1 96.5

Manual Integrations
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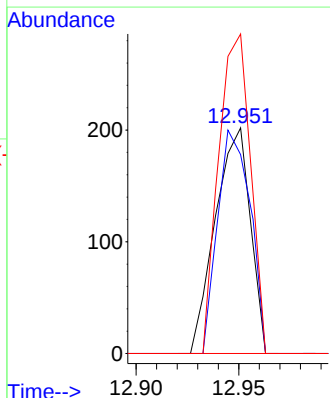
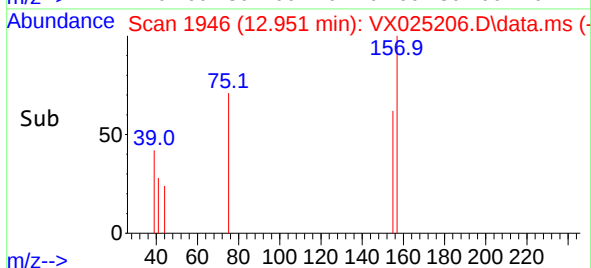
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.711 ug/l
RT: 12.951 min Scan# 1946
Delta R.T. 0.006 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02



Tgt Ion: 75 Resp: 239
Ion Ratio Lower Upper
75 100
155 92.1 43.1 129.3
157 128.9 53.6 160.9





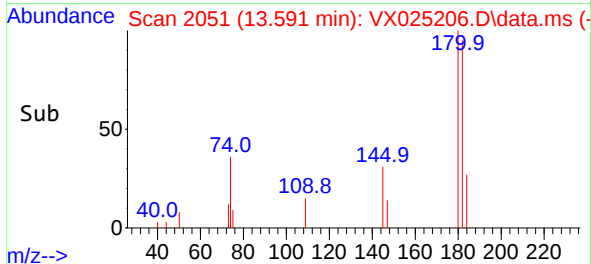
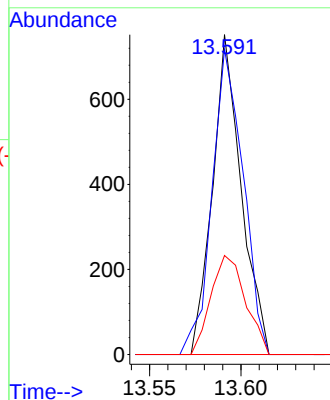
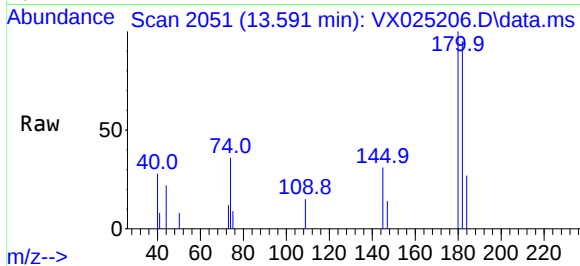
#93
1,2,4-Trichlorobenzene
Concen: 0.602 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

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

Tgt Ion:180 Resp: 82.1
Ion Ratio Lower Upper
180 100
182 103.5 47.3 141.8
145 37.5 16.1 48.3

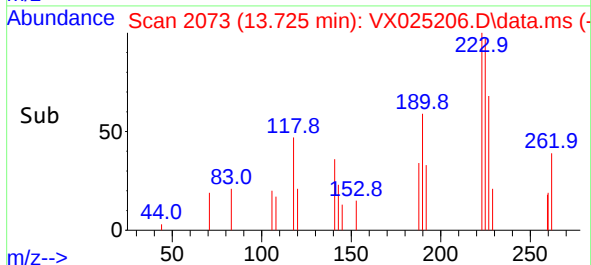
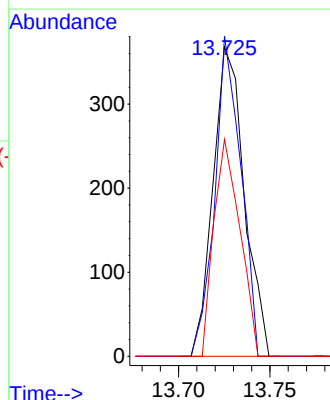
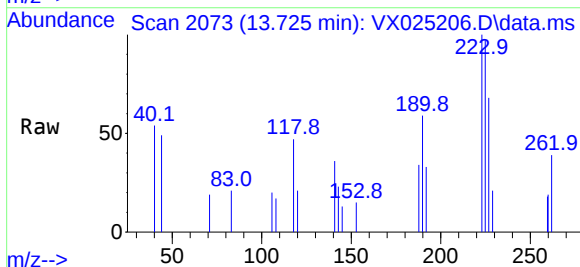
Manual Integrations
APPROVED

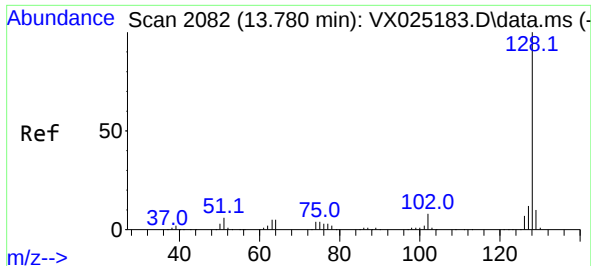
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021



#94
Hexachlorobutadiene
Concen: 0.668 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

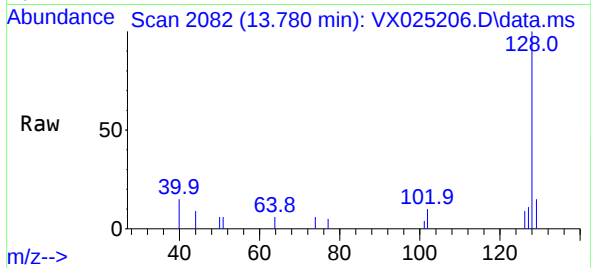
Tgt Ion:225 Resp: 438
Ion Ratio Lower Upper
225 100
223 86.3 30.9 92.7
227 58.4 31.1 93.5





#95
Naphthalene
Concen: 0.433 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02

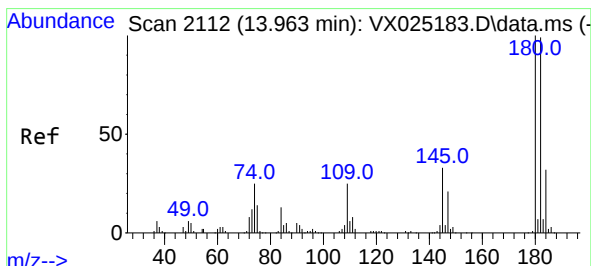
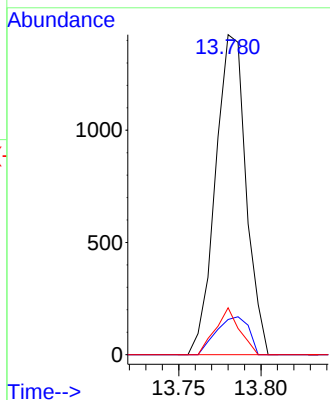
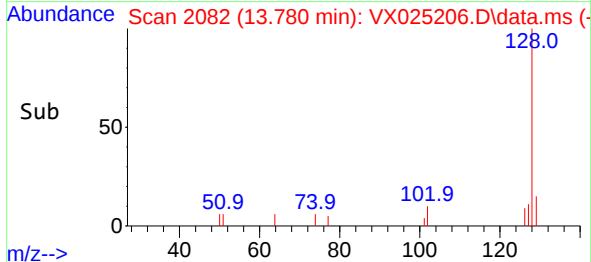
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2021



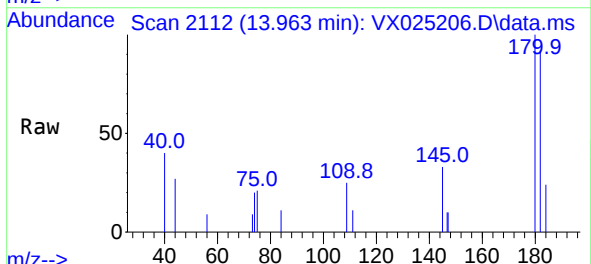
Tgt Ion:128 Resp: 184
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 11.6 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021



#96
1,2,3-Trichlorobenzene
Concen: 0.567 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX025206.D
Acq: 18 Nov 2021 12:02



Tgt Ion:180 Resp: 758
Ion Ratio Lower Upper
180 100
182 93.8 47.4 142.3
145 32.2 16.8 50.3

