

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111721\
 Data File : VX025196.D
 Acq On : 17 Nov 2021 18:58
 Operator : JC/MD
 Sample : M4068-08 1.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Nov 18 07:01:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 06:58:13 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/18/2021
 Supervised By : Mahesh Dadoda 11/18/2021

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	114987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	179321	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	162947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	61523	50.760	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.520%			
35) Dibromofluoromethane	5.391	113	55457	50.404	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.800%			
50) Toluene-d8	8.653	98	202406	48.928	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.860%			
62) 4-Bromofluorobenzene	11.086	95	71720	45.828	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	853	0.856	ug/l	98
3) Chloromethane	1.295	50	1219	0.988	ug/l	95
4) Vinyl Chloride	1.368	62	1212	0.894	ug/l #	87
5) Bromomethane	1.599	94	1564	2.685	ug/l	95
6) Chloroethane	1.685	64	1071	1.146	ug/l	90
7) Trichlorofluoromethane	1.886	101	2094	1.041	ug/l	93
8) Diethyl Ether	2.130	74	905	1.090	ug/l	69
9) 1,1,2-Trichlorotrifluo...	2.331	101	1065	0.995	ug/l	97
10) Methyl Iodide	2.453	142	1126	0.842	ug/l #	87
11) Tert butyl alcohol	2.953	59	4025	12.329	ug/l #	80
12) 1,1-Dichloroethene	2.319	96	1085	1.018	ug/l #	75
13) Acrolein	2.240	56	436	7.852	ug/l #	46
14) Allyl chloride	2.666	41	1951	1.012	ug/l	98
15) Acrylonitrile	3.069	53	3124	4.803	ug/l	98
16) Acetone	2.380	43	3680	5.464	ug/l #	85
17) Carbon Disulfide	2.508	76	3038	1.013	ug/l	98
18) Methyl Acetate	2.715	43	2348	1.091	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	3657	0.985	ug/l	96
20) Methylene Chloride	2.788	84	1457	1.151	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	1252	1.072	ug/l	80
22) Diisopropyl ether	3.770	45	3616	0.984	ug/l #	90
23) Vinyl Acetate	3.727	43	13654	4.628	ug/l #	93
24) 1,1-Dichloroethane	3.605	63	1982	0.988	ug/l #	83
25) 2-Butanone	4.568	43	4833	4.963	ug/l	96
26) 2,2-Dichloropropane	4.483	77	1814	0.997	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	1323	0.970	ug/l	91
28) Bromochloromethane	4.898	49	930	0.994	ug/l #	40
29) Tetrahydrofuran	5.020	42	2875	4.769	ug/l	97
30) Chloroform	5.087	83	2096	1.003	ug/l #	79
31) Cyclohexane	5.471	56	1873	1.000	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	1909	0.998	ug/l #	49
36) 1,1-Dichloropropene	5.696	75	1472	0.941	ug/l #	77
37) Ethyl Acetate	4.727	43	2003	1.125	ug/l #	85
38) Carbon Tetrachloride	5.684	117	1707	0.991	ug/l	93
39) Methylcyclohexane	7.385	83	1822	0.908	ug/l	91
40) Benzene	6.050	78	4517	0.953	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111721\
 Data File : VX025196.D
 Acq On : 17 Nov 2021 18:58
 Operator : JC/MD
 Sample : M4068-08 1.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Nov 18 07:01:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 06:58:13 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	1050	1.063	ug/l #	92
42) 1,2-Dichloroethane	6.086	62	1665	1.080	ug/l	90
43) Isopropyl Acetate	6.349	43	3006	1.015	ug/l	95
44) Trichloroethene	7.123	130	1331	0.967	ug/l	82
45) 1,2-Dichloropropane	7.440	63	1137	0.977	ug/l #	71
46) Dibromomethane	7.586	93	834	0.987	ug/l	93
47) Bromodichloromethane	7.824	83	1592	0.959	ug/l	87
48) Methyl methacrylate	7.702	41	1380	0.993	ug/l	95
49) 1,4-Dioxane	7.665	88	619	21.084	ug/l #	81
51) 4-Methyl-2-Pentanone	8.580	43	8655	4.659	ug/l	97
52) Toluene	8.720	92	3030	0.979	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	1668	0.903	ug/l #	81
54) cis-1,3-Dichloropropene	8.366	75	1920	0.959	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	1152	0.937	ug/l #	90
56) Ethyl methacrylate	9.122	69	1743	0.873	ug/l	95
57) 1,3-Dichloropropane	9.311	76	1941	0.952	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	4424	4.765	ug/l	95
59) 2-Hexanone	9.433	43	6726	4.593	ug/l	98
60) Dibromochloromethane	9.525	129	1296	0.916	ug/l	94
61) 1,2-Dibromoethane	9.610	107	1236	0.928	ug/l	93
64) Tetrachloroethene	9.275	164	1354	1.008	ug/l	89
65) Chlorobenzene	10.080	112	3391	1.021	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	1188	0.933	ug/l #	64
67) Ethyl Benzene	10.195	91	5579	0.972	ug/l	99
68) m/p-Xylenes	10.305	106	4466	1.905	ug/l	93
69) o-Xylene	10.647	106	2087	0.910	ug/l	98
70) Styrene	10.659	104	3373	0.890	ug/l	94
71) Bromoform	10.799	173	965	0.873	ug/l #	94
73) Isopropylbenzene	10.964	105	5168	0.965	ug/l	95
74) N-amyl acetate	10.848	43	2135	0.922	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.214	83	1774	1.024	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	1541m	1.001	ug/l	
77) Bromobenzene	11.201	156	1450	1.053	ug/l	91
78) n-propylbenzene	11.305	91	5876	0.977	ug/l	98
79) 2-Chlorotoluene	11.366	91	3741	1.022	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	4522	1.005	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	510m	0.835	ug/l	
82) 4-Chlorotoluene	11.457	91	4178	1.000	ug/l	96
83) tert-Butylbenzene	11.720	119	4795	1.048	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	4376	0.984	ug/l	95
85) sec-Butylbenzene	11.890	105	5423	0.975	ug/l	95
86) p-Isopropyltoluene	12.012	119	4617	0.966	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	2535	0.989	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	2754m	1.060	ug/l	
89) n-Butylbenzene	12.335	91	3681	0.914	ug/l	98
90) Hexachloroethane	12.543	117	826	0.938	ug/l	92
91) 1,2-Dichlorobenzene	12.341	146	2575	1.031	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	422	1.166	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	1186	0.806	ug/l	99
94) Hexachlorobutadiene	13.725	225	763	1.081	ug/l	97
95) Naphthalene	13.780	128	3036	0.663	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	1228	0.854	ug/l	91

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111721\
 Data File : VX025196.D
 Acq On : 17 Nov 2021 18:58
 Operator : JC/MD
 Sample : M4068-08 1.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

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

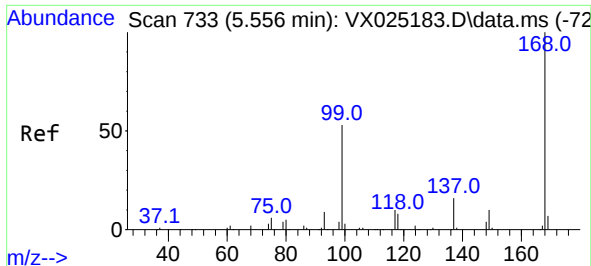
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021

Quant Time: Nov 18 07:01:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 06:58:13 2021
 Response via : Initial Calibration

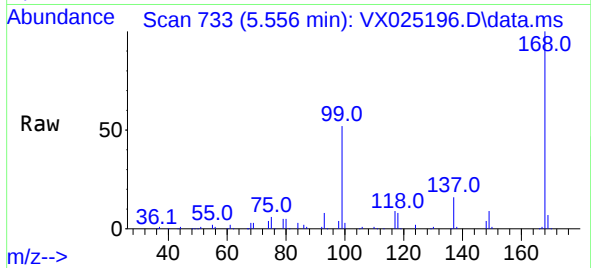
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = 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
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

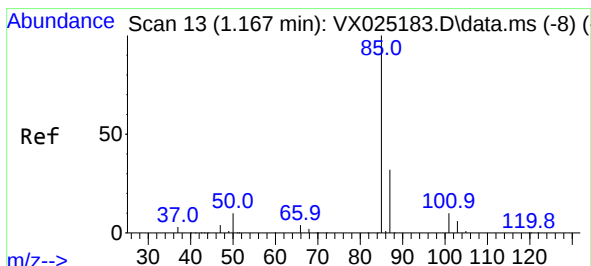
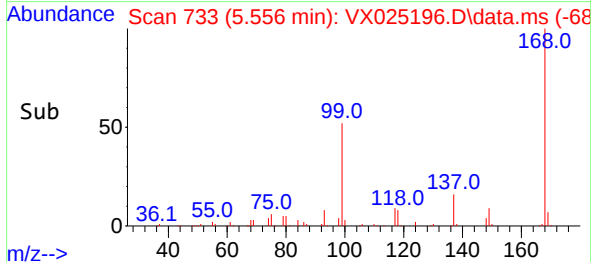
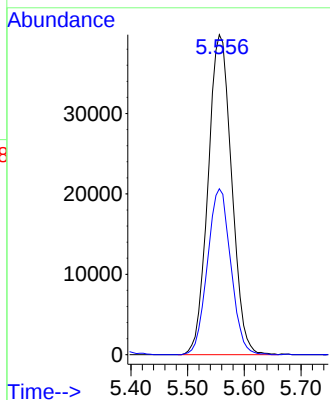
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:168 Resp: 11498
Ion Ratio Lower Upper
168 100
99 51.9 46.4 69.6

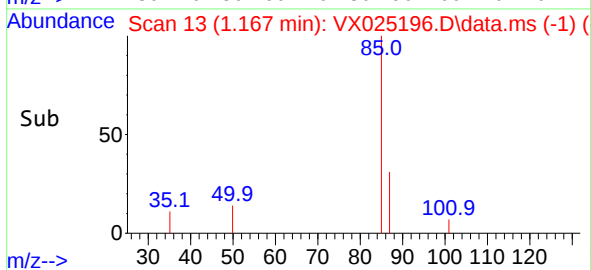
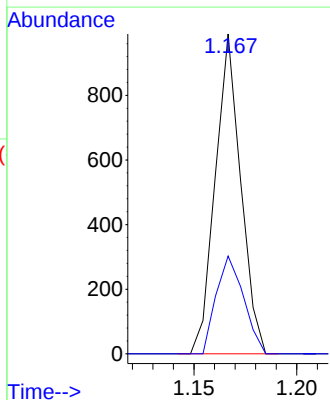
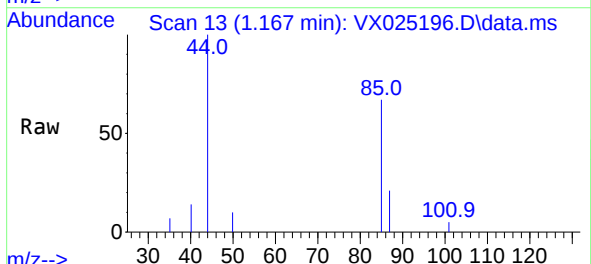
Manual Integrations
APPROVED

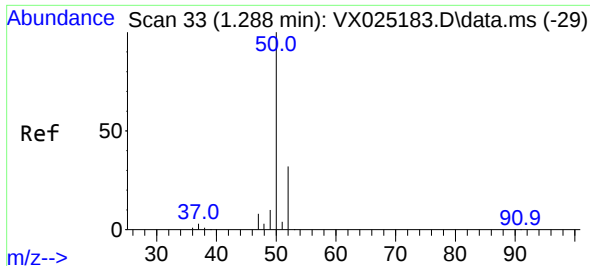
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#2
Dichlorodifluoromethane
Concen: 0.856 ug/l
RT: 1.167 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

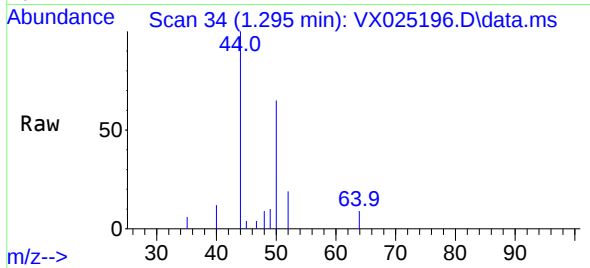
Tgt Ion: 85 Resp: 853
Ion Ratio Lower Upper
85 100
87 30.6 16.0 47.9





#3
Chloromethane
Concen: 0.988 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.007 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

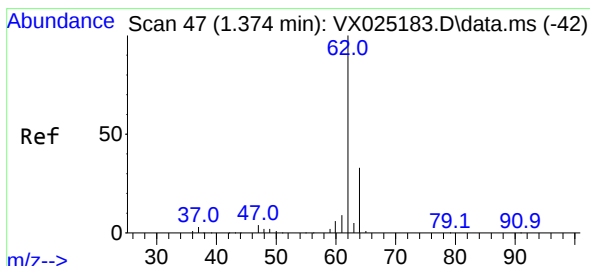
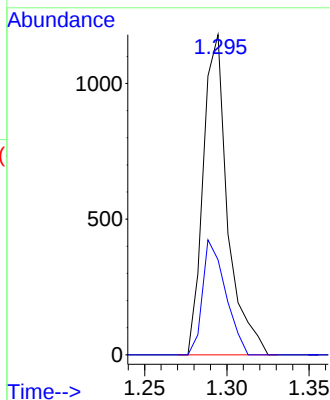
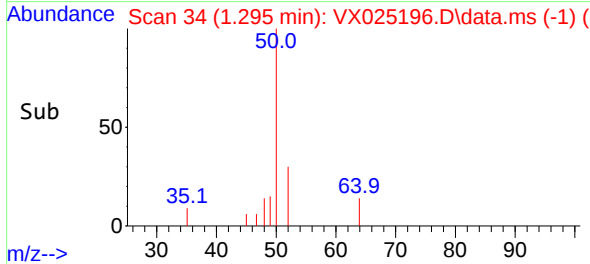
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2021



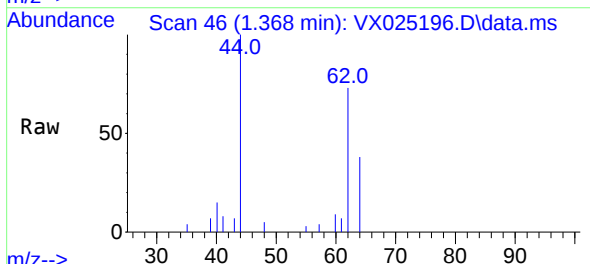
Tgt Ion: 50 Resp: 1219
Ion Ratio Lower Upper
50 100
52 29.7 25.9 38.9

Manual Integrations
APPROVED

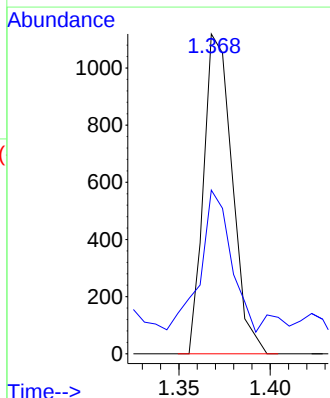
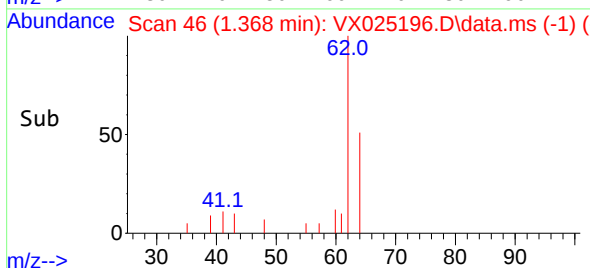
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#4
Vinyl Chloride
Concen: 0.894 ug/l
RT: 1.368 min Scan# 46
Delta R.T. -0.006 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58



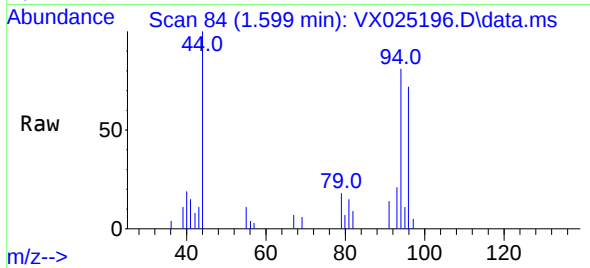
Tgt Ion: 62 Resp: 1212
Ion Ratio Lower Upper
62 100
64 39.8 26.0 39.0#





#5
Bromomethane
Concen: 2.685 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

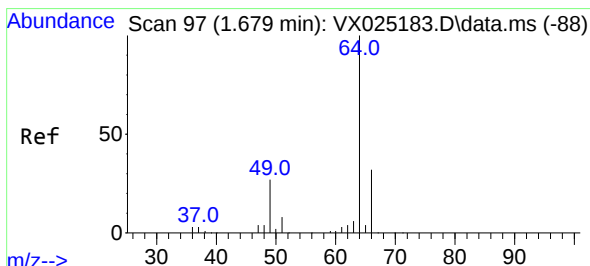
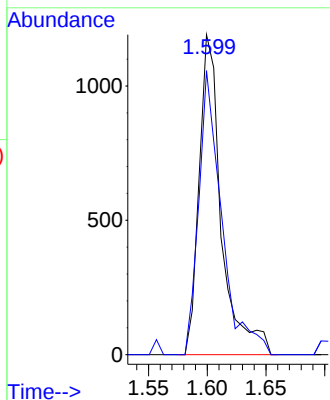
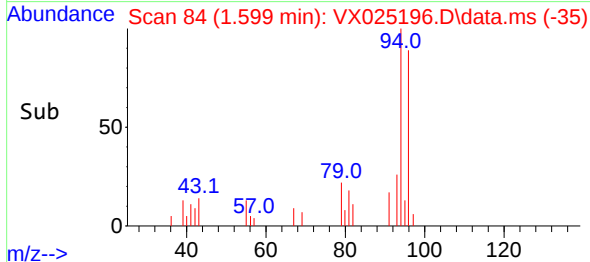
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 94 Resp: 1564
Ion Ratio Lower Upper
94 100
96 88.7 74.8 112.2

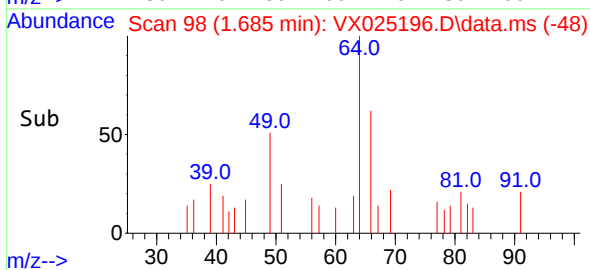
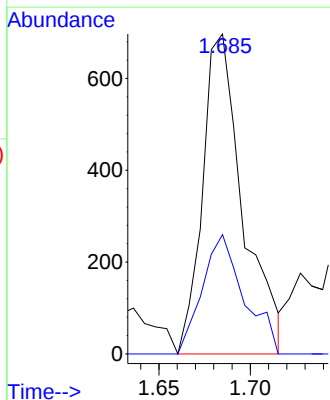
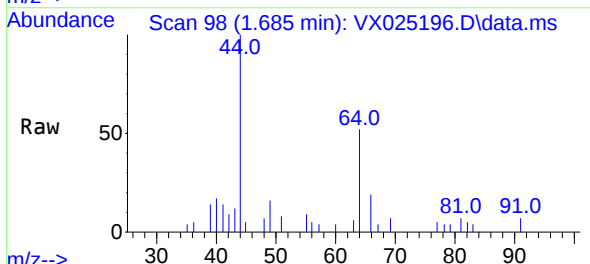
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

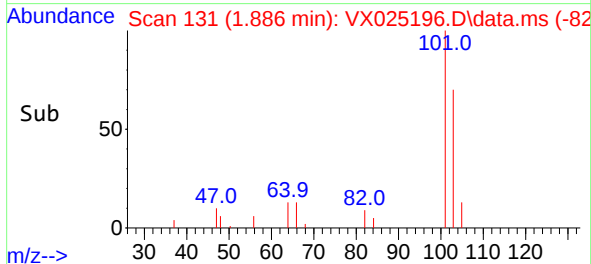
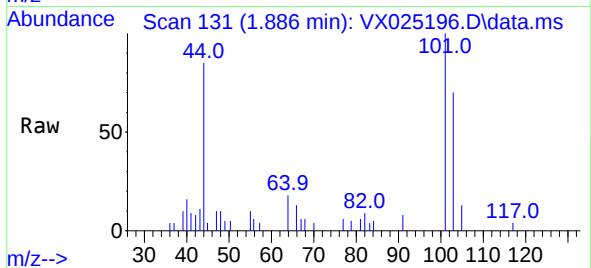
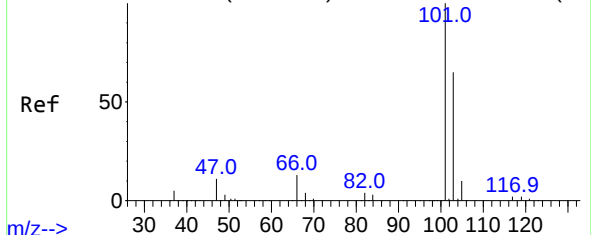


#6
Chloroethane
Concen: 1.146 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

Tgt Ion: 64 Resp: 1071
Ion Ratio Lower Upper
64 100
66 37.3 25.6 38.4



Abundance Scan 131 (1.886 min): VX025183.D\data.ms (-12



#7

Trichlorofluoromethane

Concen: 1.041 ug/l

RT: 1.886 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX025196.D

Acq: 17 Nov 2021 18:58

Tgt Ion:101 Resp: 2094

Ion Ratio Lower Upper

101 100

103 69.6 51.0 76.6

Instrument :

MSVOA_X

ClientSampleId :

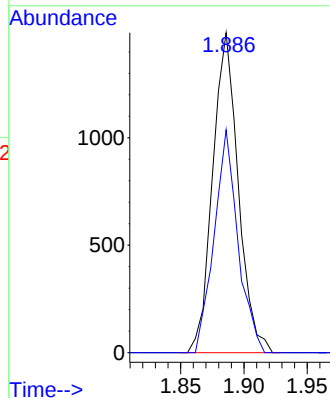
LOQ-WATER-02-QT4-2021

Manual Integrations

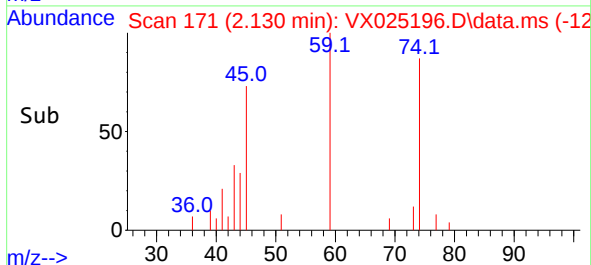
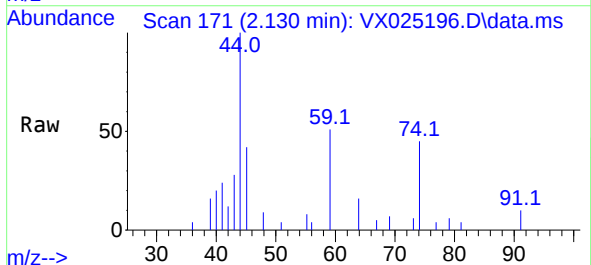
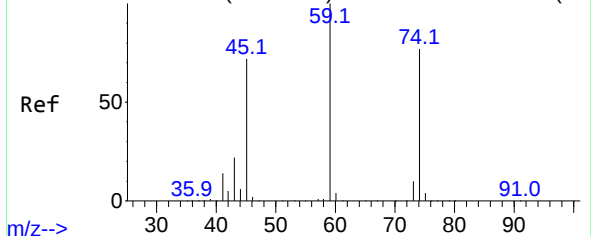
APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



Abundance Scan 172 (2.136 min): VX025183.D\data.ms (-16



#8

Diethyl Ether

Concen: 1.090 ug/l

RT: 2.130 min Scan# 171

Delta R.T. -0.006 min

Lab File: VX025196.D

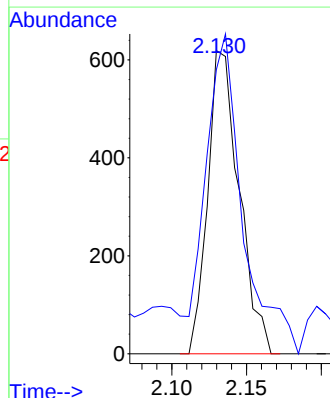
Acq: 17 Nov 2021 18:58

Tgt Ion: 74 Resp: 905

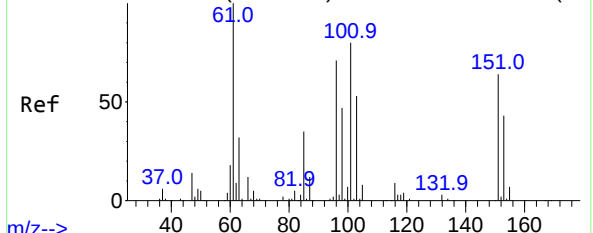
Ion Ratio Lower Upper

74 100

45 125.2 47.6 142.9

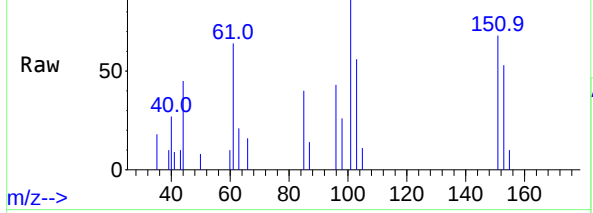


Abundance Scan 203 (2.325 min): VX025183.D\data.ms (-19



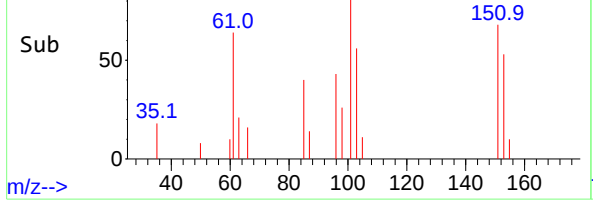
m/z-->

Abundance Scan 204 (2.331 min): VX025196.D\data.ms



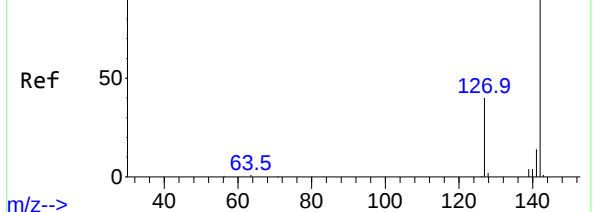
m/z-->

Abundance Scan 204 (2.331 min): VX025196.D\data.ms (-15



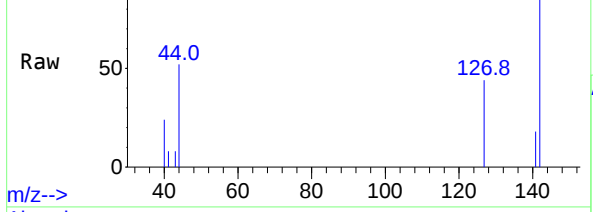
m/z-->

Abundance Scan 224 (2.453 min): VX025183.D\data.ms (-21



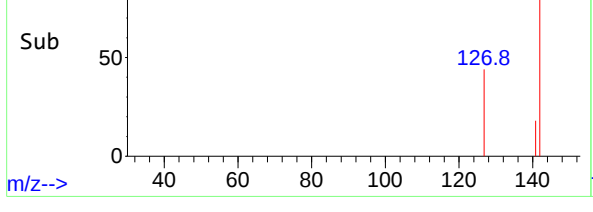
m/z-->

Abundance Scan 224 (2.453 min): VX025196.D\data.ms



m/z-->

Abundance Scan 224 (2.453 min): VX025196.D\data.ms (-17



m/z-->

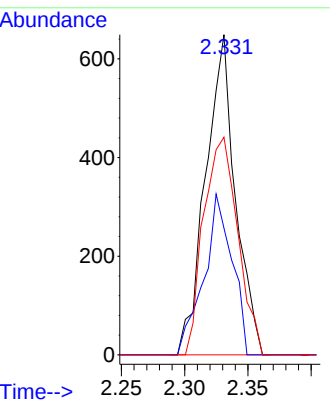
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.995 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

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

Tgt Ion:	101	Resp:	106
Ion	Ratio	Lower	Upper
101	100		
85	47.4	35.9	53.9
151	77.7	64.4	96.6

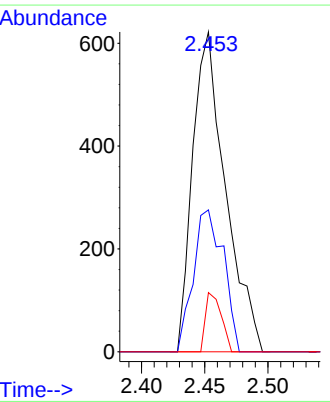
Manual Integrations
APPROVED

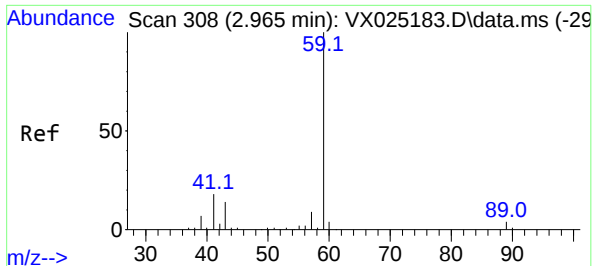
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#10
Methyl Iodide
Concen: 0.842 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

Tgt Ion:	142	Resp:	1126
Ion	Ratio	Lower	Upper
142	100		
127	40.4	38.9	58.3
141	8.8	11.7	17.5





#11

Tert butyl alcohol

Concen: 12.329 ug/l

RT: 2.953 min Scan# 308

Delta R.T. -0.012 min

Lab File: VX025196.D

Acq: 17 Nov 2021 18:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2021

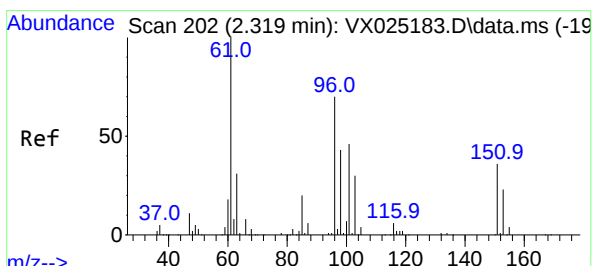
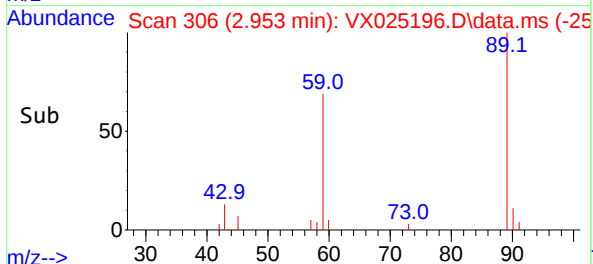
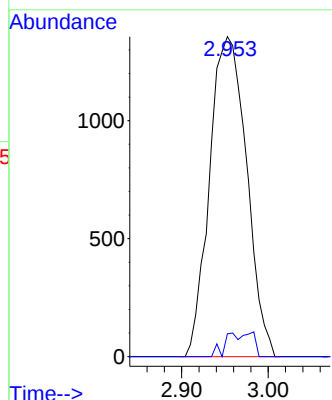
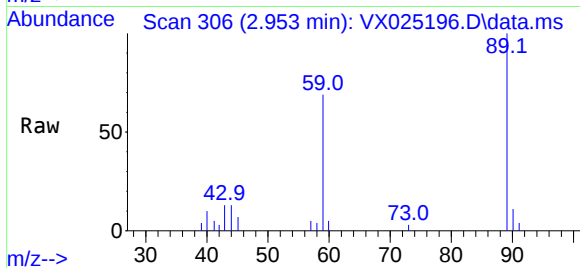
Tgt Ion: 59 Resp: 4025
 Ion Ratio Lower Upper
 59 100
 57 2.9 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#12

1,1-Dichloroethene

Concen: 1.018 ug/l

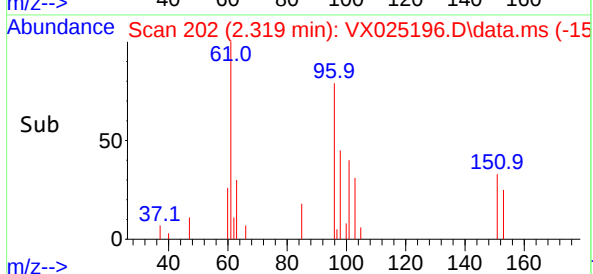
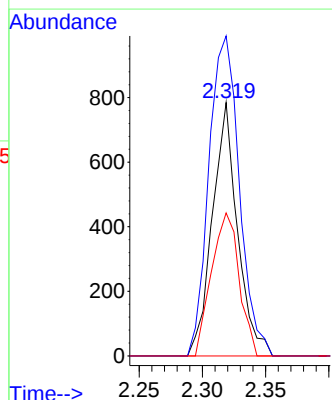
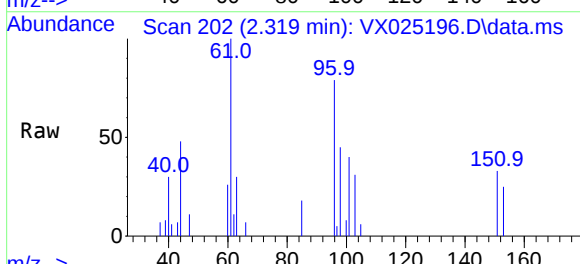
RT: 2.319 min Scan# 202

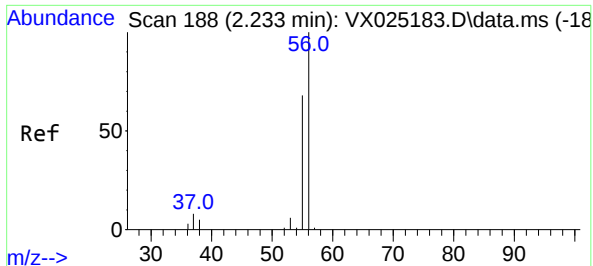
Delta R.T. -0.000 min

Lab File: VX025196.D

Acq: 17 Nov 2021 18:58

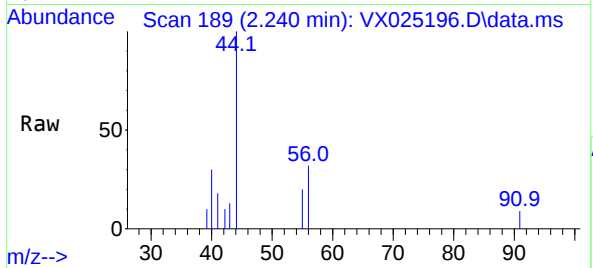
Tgt Ion: 96 Resp: 1085
 Ion Ratio Lower Upper
 96 100
 61 126.2 134.1 201.1#
 98 56.4 51.5 77.3





#13
Acrolein
Concen: 7.852 ug/l
RT: 2.240 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

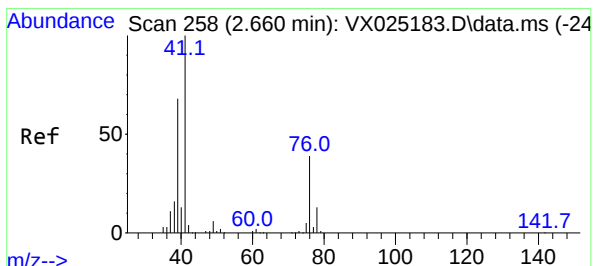
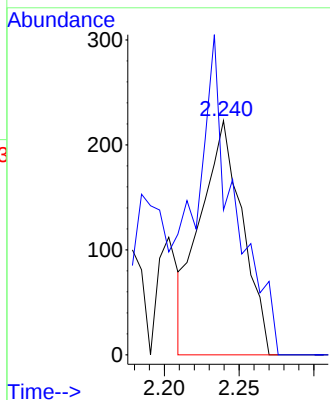
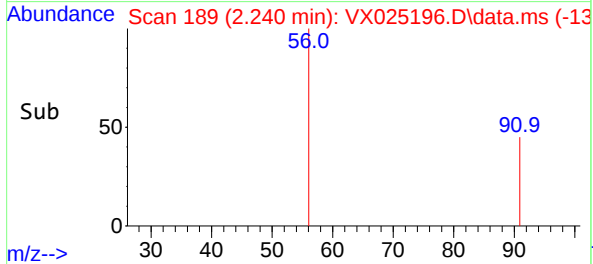
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2021



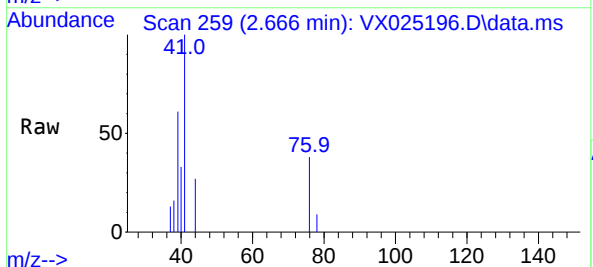
Tgt Ion: 56 Resp: 430
Ion Ratio Lower Upper
56 100
55 118.6 58.6 87.8

Manual Integrations
APPROVED

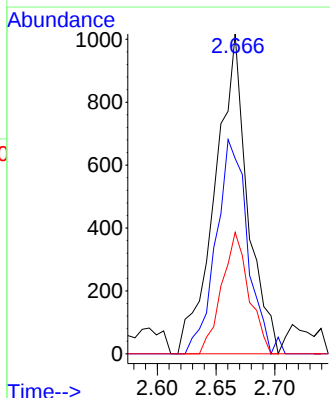
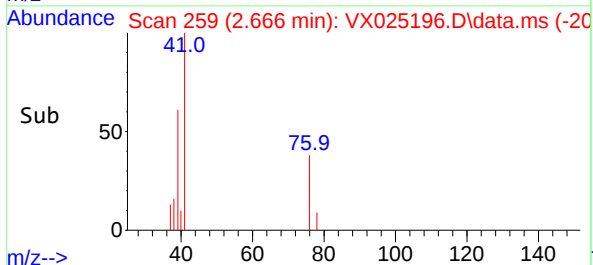
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

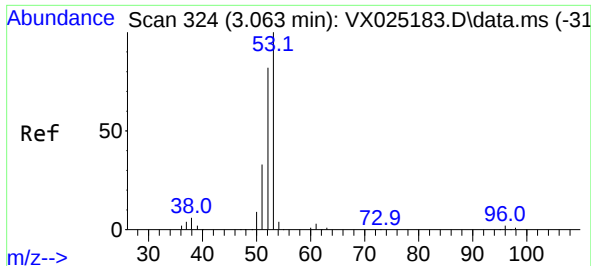


#14
Allyl chloride
Concen: 1.012 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58



Tgt Ion: 41 Resp: 1951
Ion Ratio Lower Upper
41 100
39 65.6 54.6 82.0
76 31.8 25.3 37.9





#15

Acrylonitrile

Concen: 4.803 ug/l

RT: 3.069 min Scan# 312

Delta R.T. 0.006 min

Lab File: VX025196.D

Acq: 17 Nov 2021 18:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2021

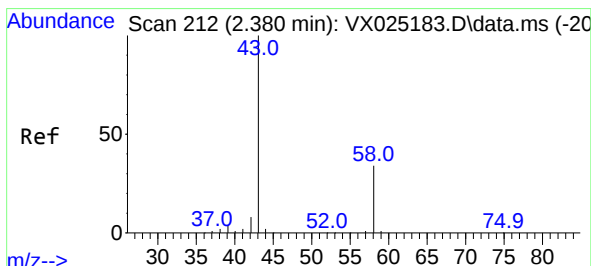
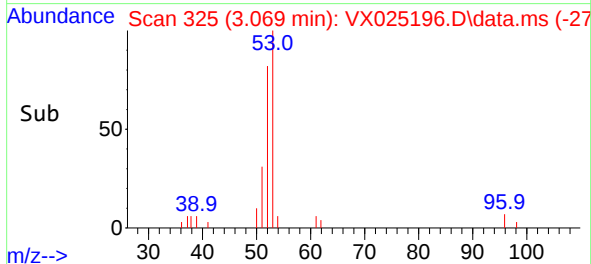
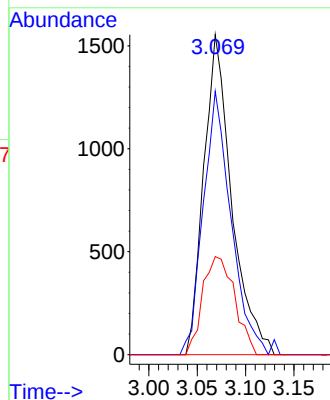
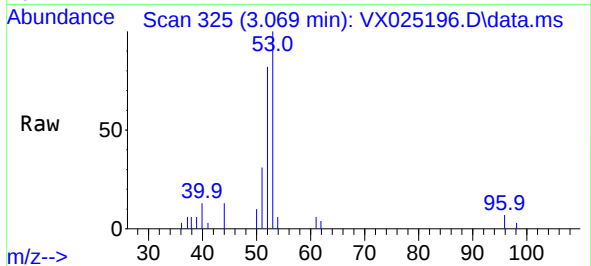
Tgt Ion: 53	Resp: 3124
Ion Ratio	Lower Upper
53 100	
52 81.7	66.2 99.4
51 35.0	29.8 44.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#16

Acetone

Concen: 5.464 ug/l

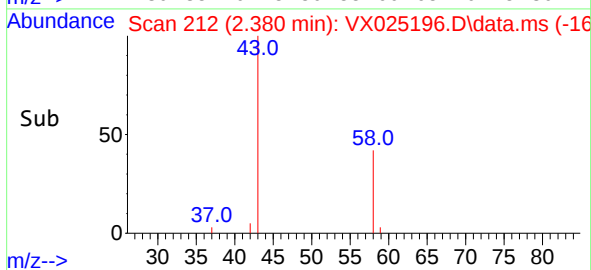
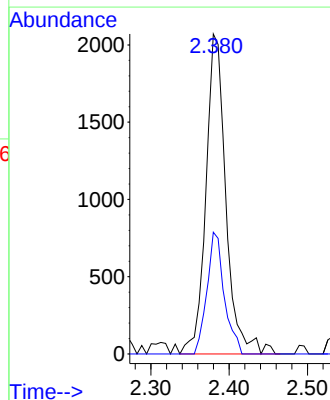
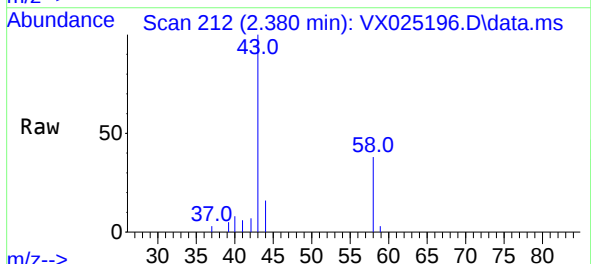
RT: 2.380 min Scan# 212

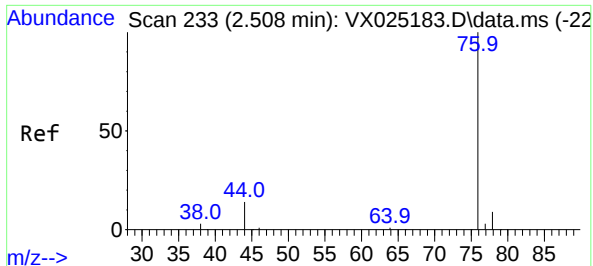
Delta R.T. -0.000 min

Lab File: VX025196.D

Acq: 17 Nov 2021 18:58

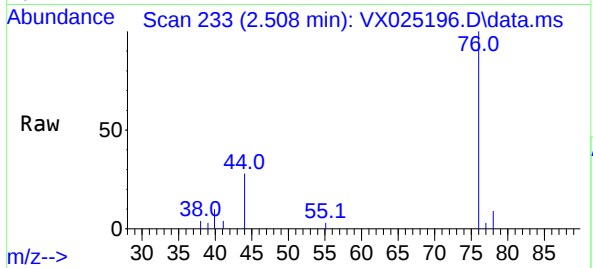
Tgt Ion: 43	Resp: 3680
Ion Ratio	Lower Upper
43 100	
58 38.0	24.0 36.0#





#17
Carbon Disulfide
Concen: 1.013 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

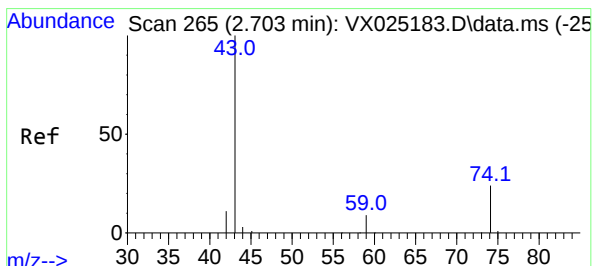
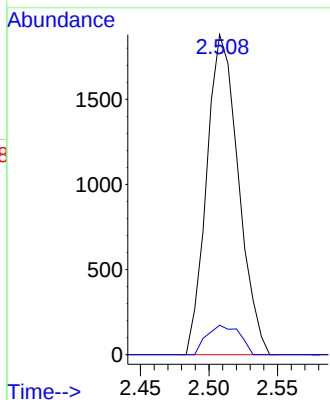
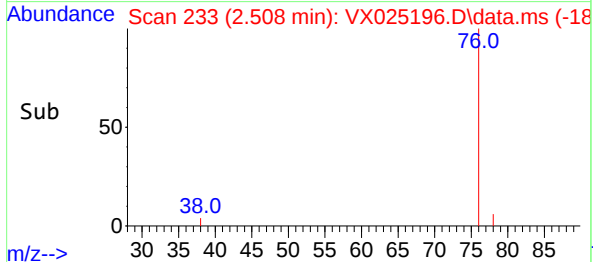
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2021



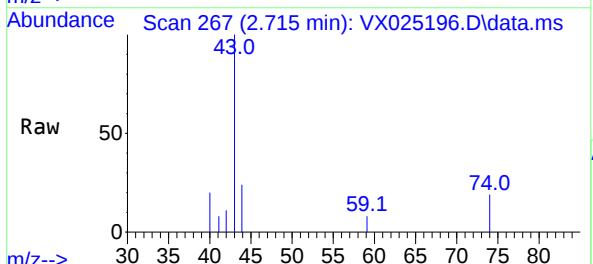
Tgt Ion: 76 Resp: 3038
Ion Ratio Lower Upper
76 100
78 9.2 6.9 10.3

Manual Integrations
APPROVED

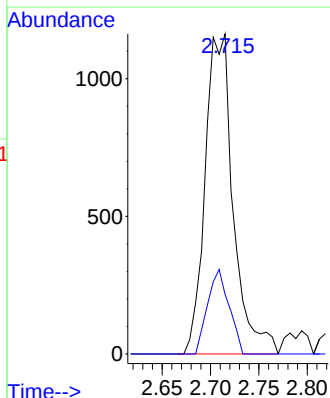
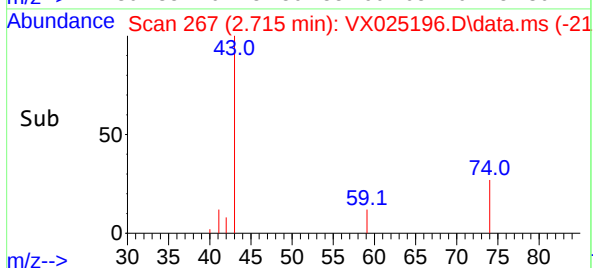
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

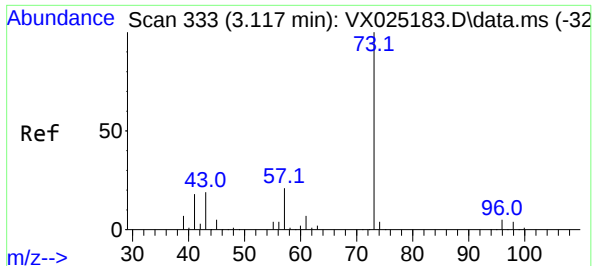


#18
Methyl Acetate
Concen: 1.091 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.012 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58



Tgt Ion: 43 Resp: 2348
Ion Ratio Lower Upper
43 100
74 20.1 19.0 28.6





#19

Methyl tert-butyl Ether

Concen: 0.985 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX025196.D

Acq: 17 Nov 2021 18:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2021

Tgt Ion: 73 Resp: 365

Ion Ratio Lower Upper

73 100

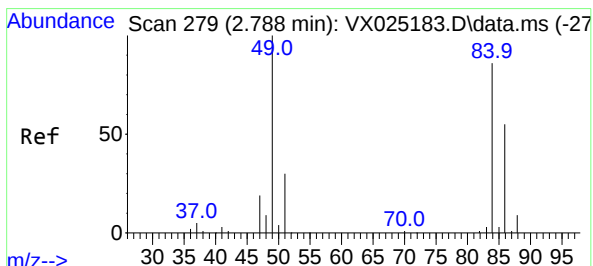
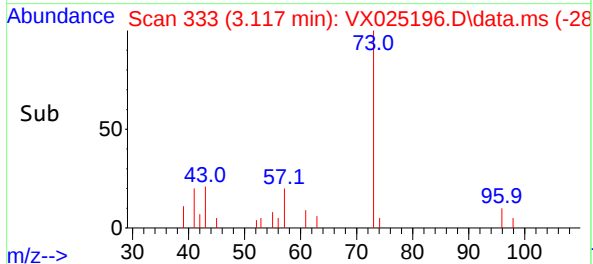
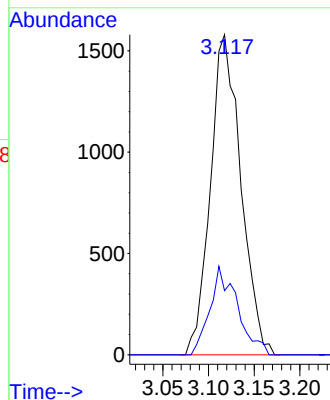
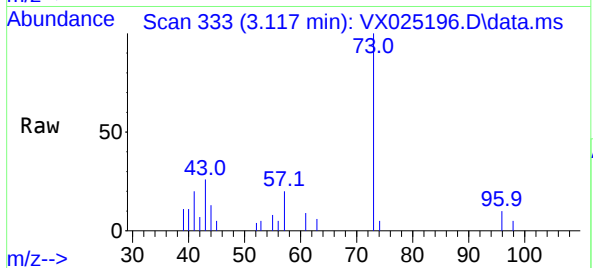
57 20.0 17.5 26.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#20

Methylene Chloride

Concen: 1.151 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX025196.D

Acq: 17 Nov 2021 18:58

Tgt Ion: 84 Resp: 1457

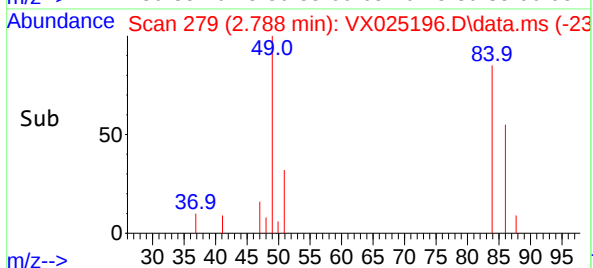
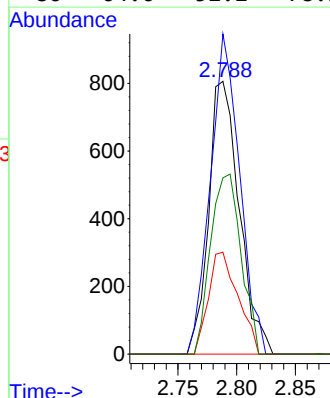
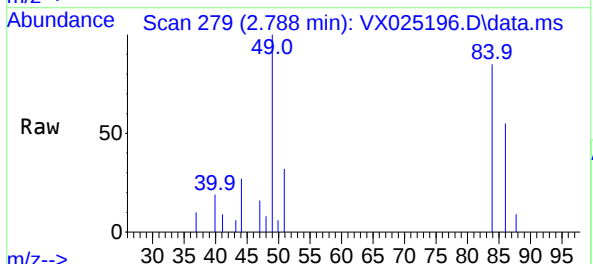
Ion Ratio Lower Upper

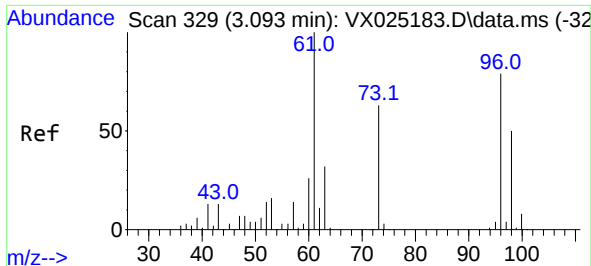
84 100

49 117.4 98.2 147.2

51 37.3 30.2 45.4

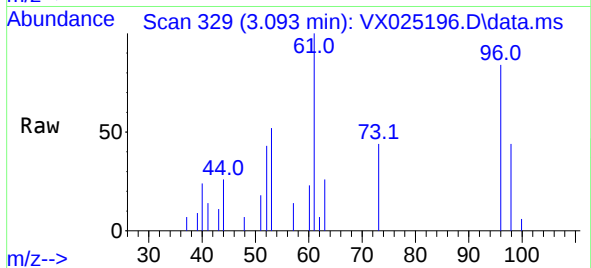
86 64.6 52.2 78.2





#21
trans-1,2-Dichloroethene
Concen: 1.072 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

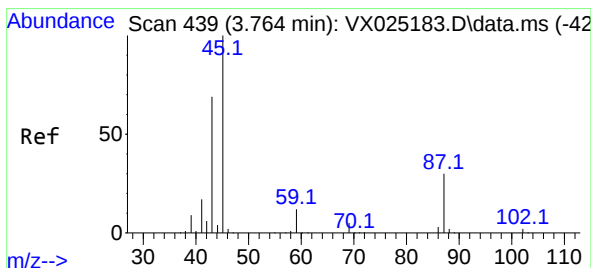
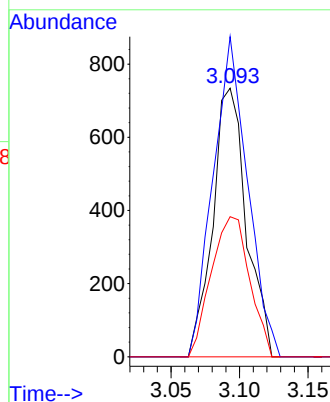
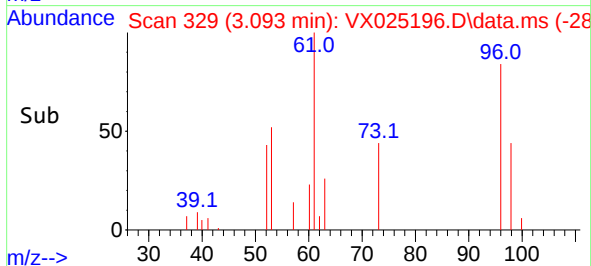
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2021



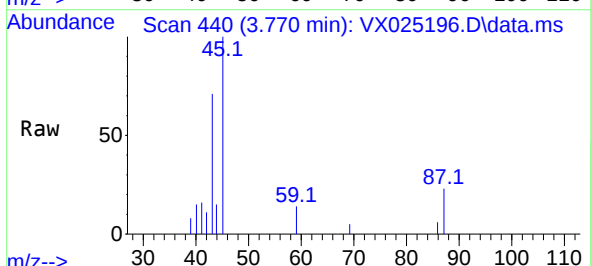
Tgt Ion: 96 Resp: 125
Ion Ratio Lower Upper
96 100
61 119.2 117.9 176.9
98 52.2 51.1 76.7

Manual Integrations
APPROVED

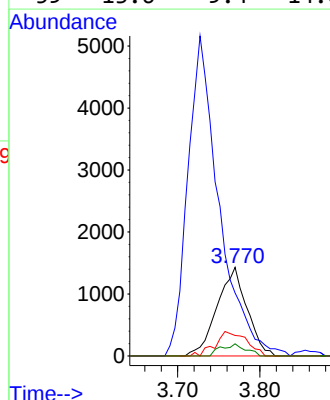
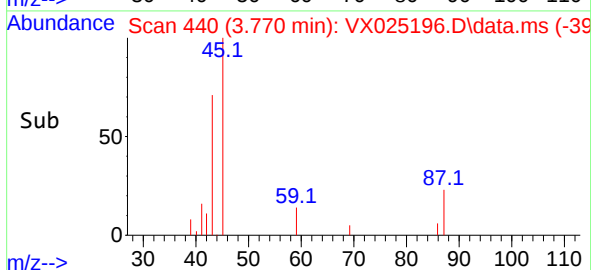
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#22
Diisopropyl ether
Concen: 0.984 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58



Tgt Ion: 45 Resp: 3616
Ion Ratio Lower Upper
45 100
43 64.7 58.3 87.5
87 23.1 23.7 35.5#
59 13.6 9.4 14.0





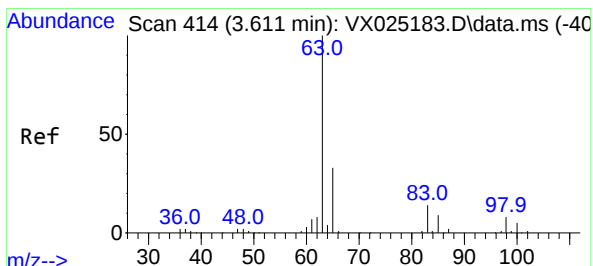
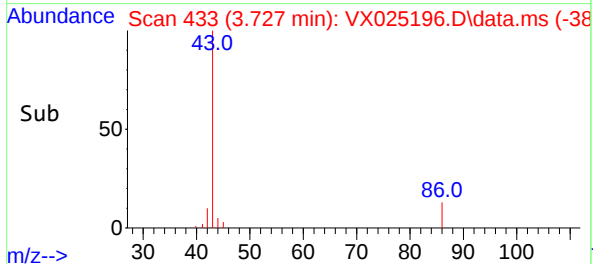
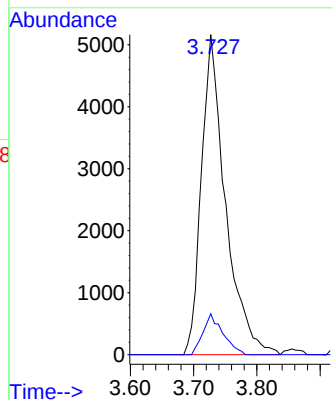
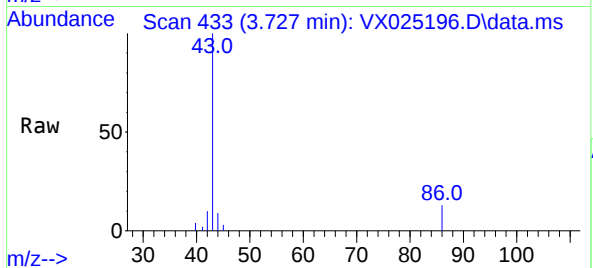
#23
 Vinyl Acetate
 Concen: 4.628 ug/l
 RT: 3.727 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: VX025196.D
 Acq: 17 Nov 2021 18:58

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

Tgt Ion: 43 Resp: 13654
 Ion Ratio Lower Upper
 43 100
 86 12.8 8.2 12.4

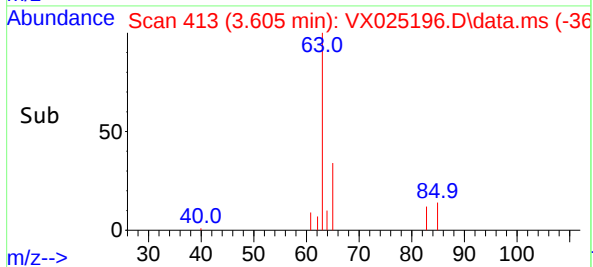
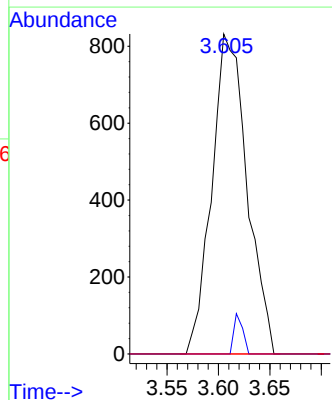
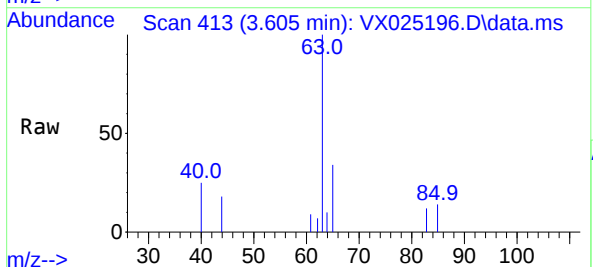
Manual Integrations
 APPROVED

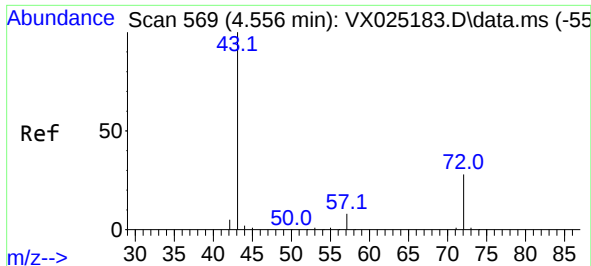
Reviewed By :John Carlone 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#24
 1,1-Dichloroethane
 Concen: 0.988 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX025196.D
 Acq: 17 Nov 2021 18:58

Tgt Ion: 63 Resp: 1982
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.9#
 100 0.0 2.1 6.2#





#25

2-Butanone

Concen: 4.963 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX025196.D

Acq: 17 Nov 2021 18:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2021

Tgt Ion: 43 Resp: 483

Ion Ratio Lower Upper

43 100

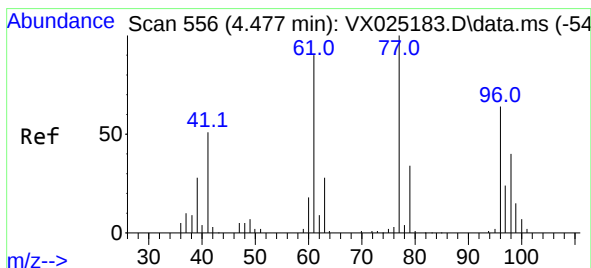
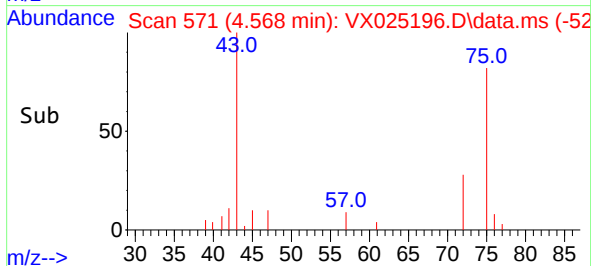
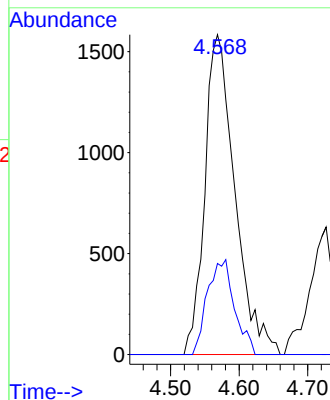
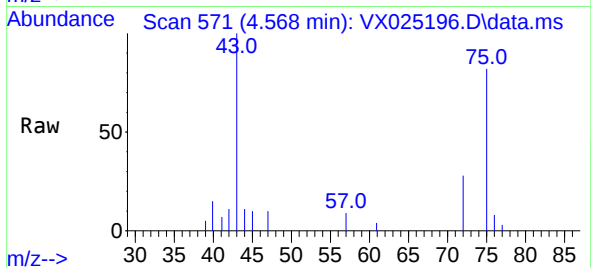
72 28.5 21.2 31.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#26

2,2-Dichloropropane

Concen: 0.997 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX025196.D

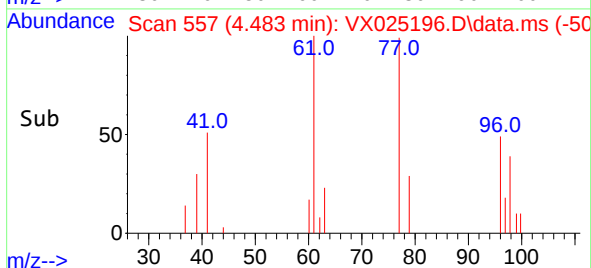
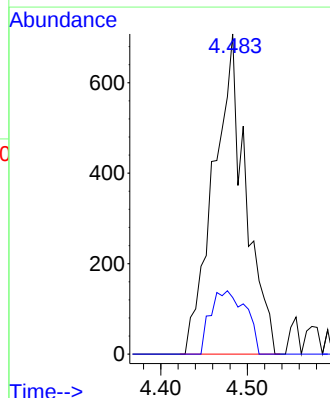
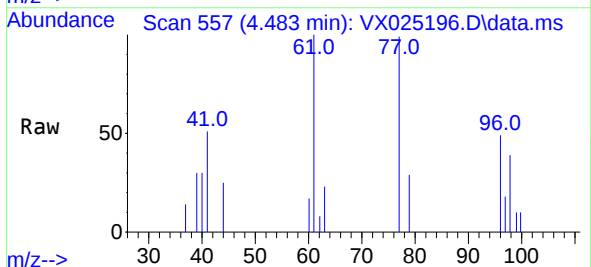
Acq: 17 Nov 2021 18:58

Tgt Ion: 77 Resp: 1814

Ion Ratio Lower Upper

77 100

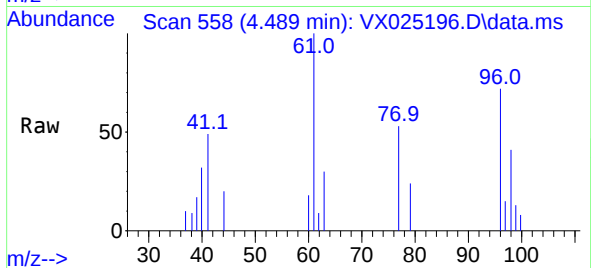
97 21.8 11.2 33.5





#27
cis-1,2-Dichloroethene
Concen: 0.970 ug/l
RT: 4.489 min Scan# 511
Delta R.T. 0.000 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

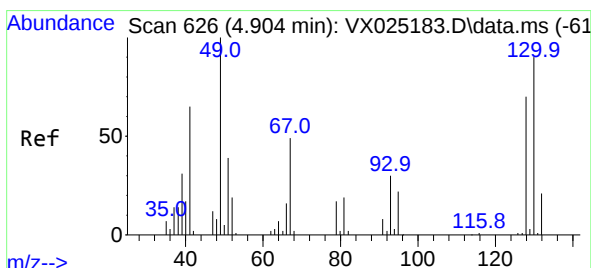
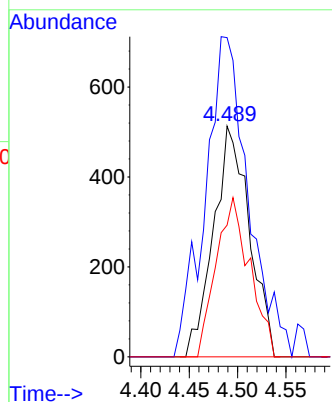
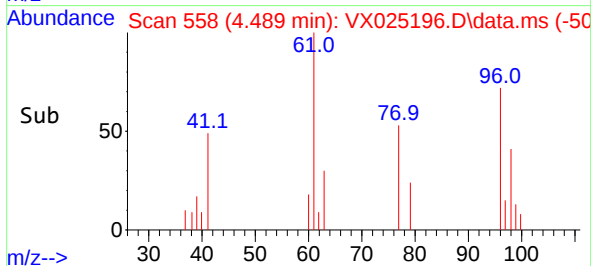
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2021



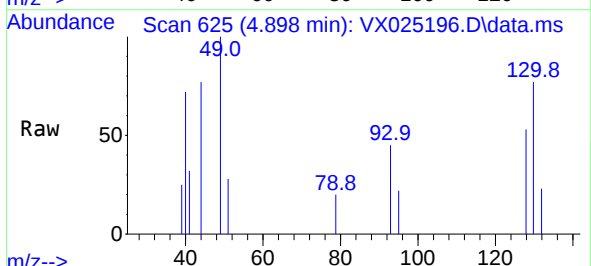
Tgt Ion: 96 Resp: 132
Ion Ratio Lower Upper
96 100
61 166.8 0.0 302.2
98 64.5 0.0 131.4

Manual Integrations
APPROVED

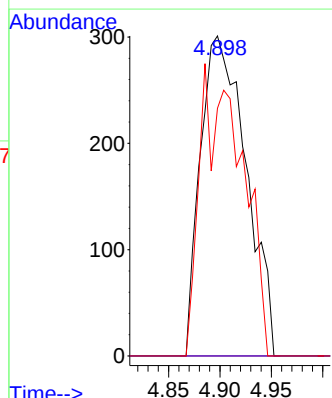
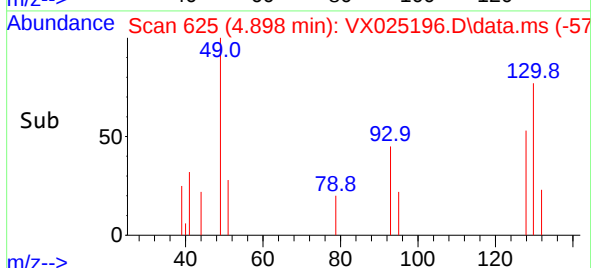
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

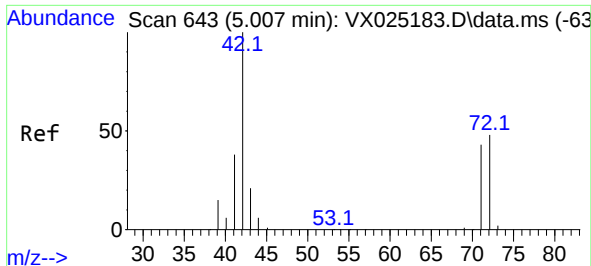


#28
Bromochloromethane
Concen: 0.994 ug/l
RT: 4.898 min Scan# 625
Delta R.T. -0.006 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58



Tgt Ion: 49 Resp: 930
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.4
130 27.1 65.2 97.8#





#29

Tetrahydrofuran

Concen: 4.769 ug/l

RT: 5.020 min Scan# 643

Delta R.T. 0.013 min

Lab File: VX025196.D

Acq: 17 Nov 2021 18:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2021

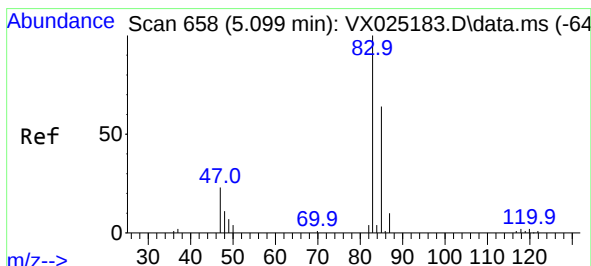
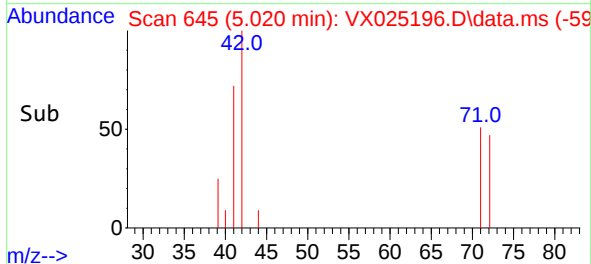
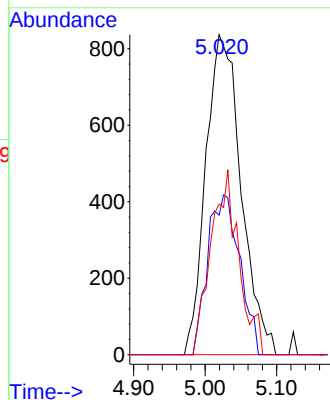
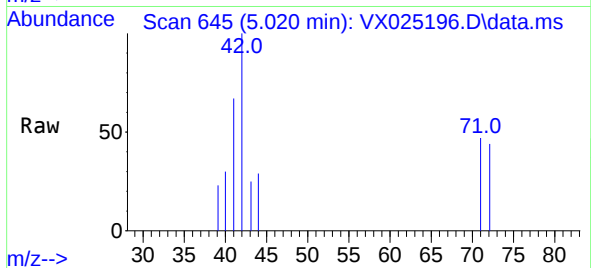
Tgt Ion:	42	Resp:	287
Ion Ratio	Lower	Upper	
42	100		
72	45.1	36.1	54.1
71	45.6	33.7	50.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#30

Chloroform

Concen: 1.003 ug/l

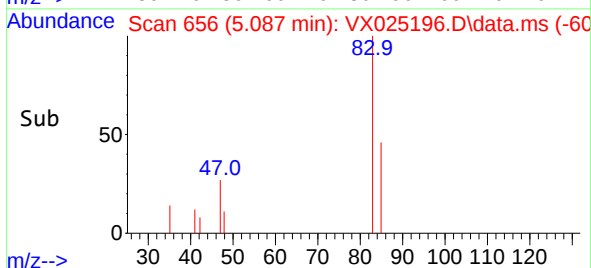
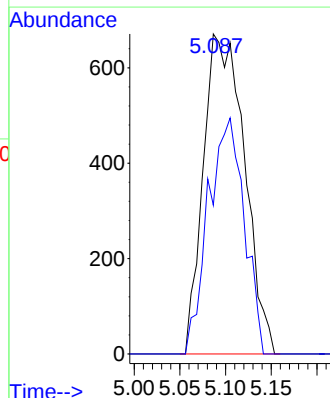
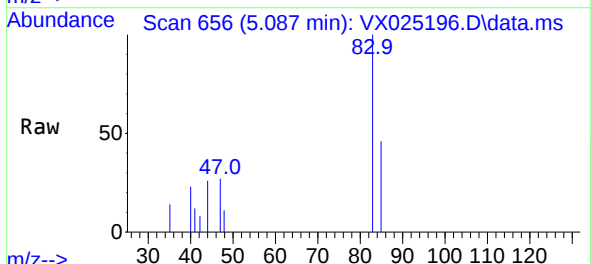
RT: 5.087 min Scan# 656

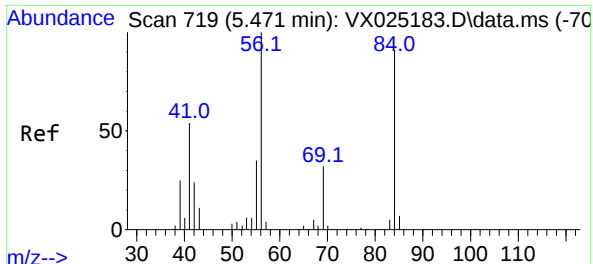
Delta R.T. -0.012 min

Lab File: VX025196.D

Acq: 17 Nov 2021 18:58

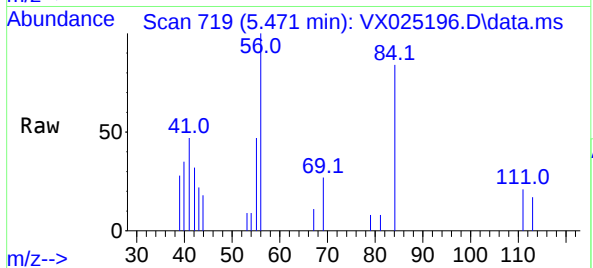
Tgt Ion:	83	Resp:	2096
Ion Ratio	Lower	Upper	
83	100		
85	46.5	50.2	75.2





#31
Cyclohexane
Concen: 1.000 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

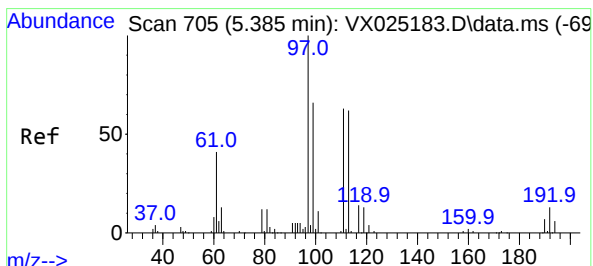
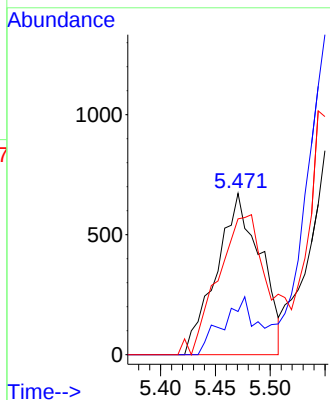
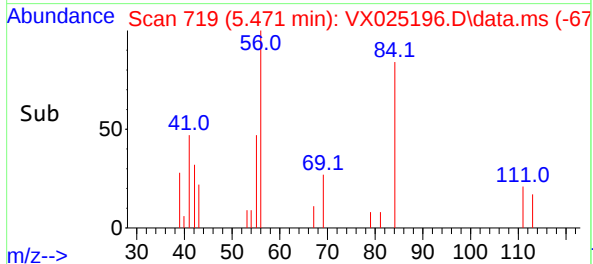
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2021



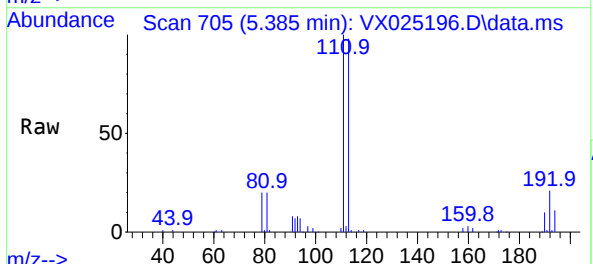
Tgt Ion: 56 Resp: 187
Ion Ratio Lower Upper
56 100
69 26.8 24.2 36.2
84 84.2 71.5 107.3

Manual Integrations
APPROVED

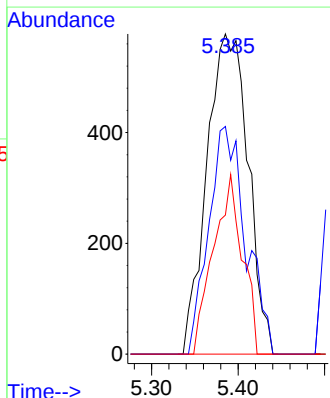
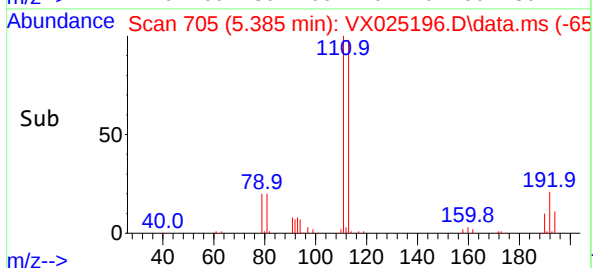
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

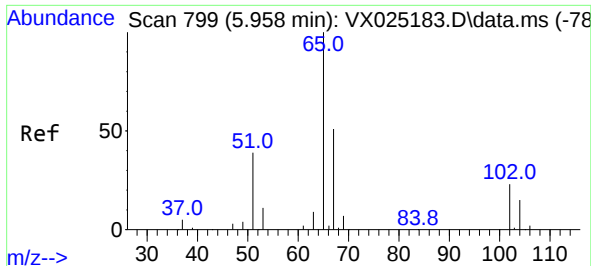


#32
1,1,1-Trichloroethane
Concen: 0.998 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58



Tgt Ion: 97 Resp: 1909
Ion Ratio Lower Upper
97 100
99 0.0 50.9 76.3#
61 39.5 35.0 52.4





#33

1,2-Dichloroethane-d4

Concen: 50.760 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX025196.D

Acq: 17 Nov 2021 18:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2021

Tgt Ion: 65 Resp: 6152

Ion Ratio Lower Upper

65 100

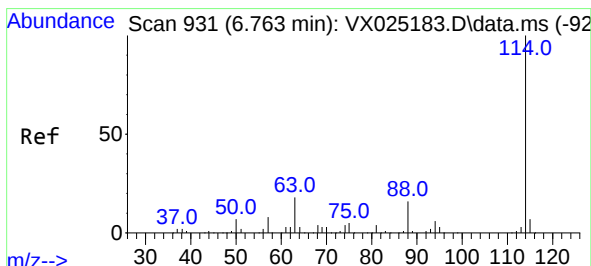
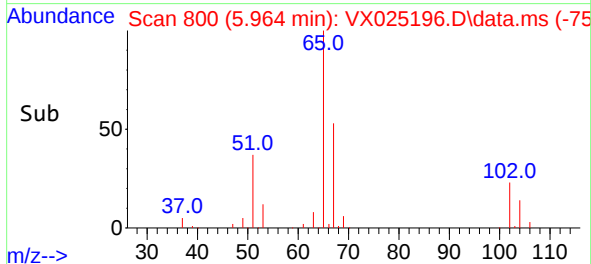
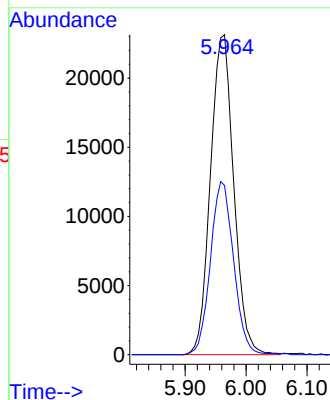
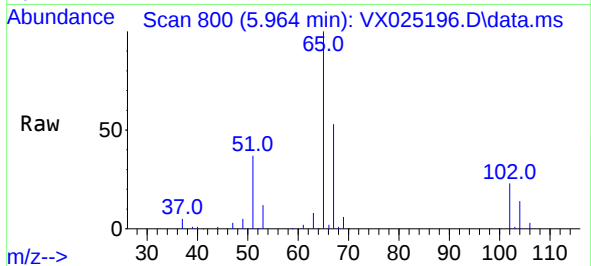
67 53.9 0.0 101.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX025196.D

Acq: 17 Nov 2021 18:58

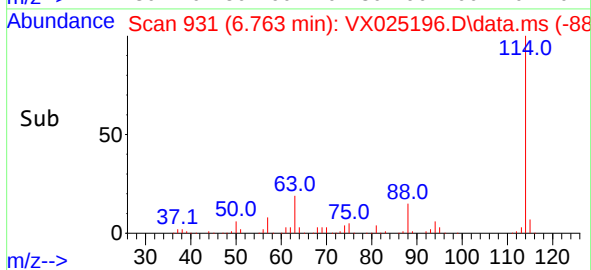
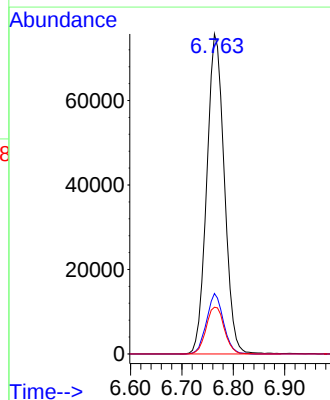
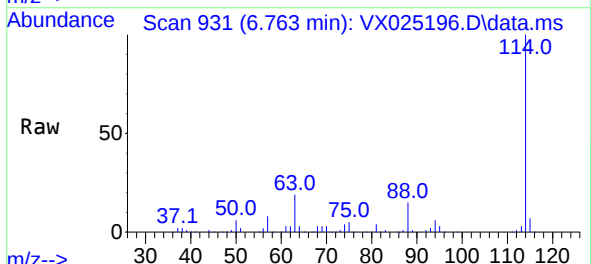
Tgt Ion:114 Resp: 179321

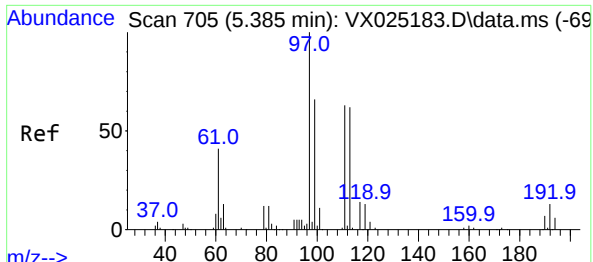
Ion Ratio Lower Upper

114 100

63 18.9 0.0 41.0

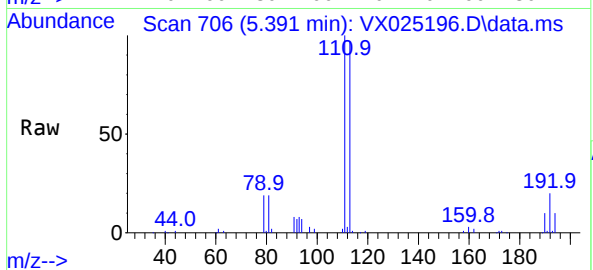
88 14.6 0.0 34.8





#35
Dibromofluoromethane
Concen: 50.404 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

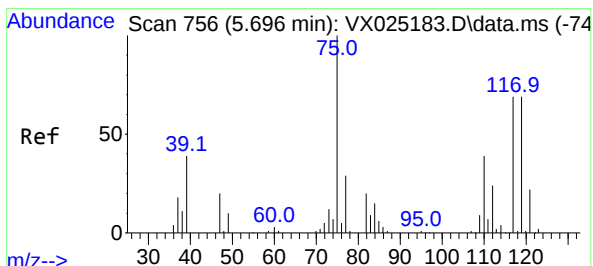
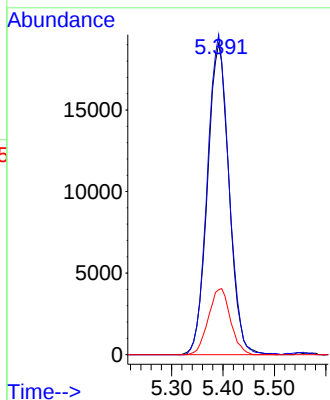
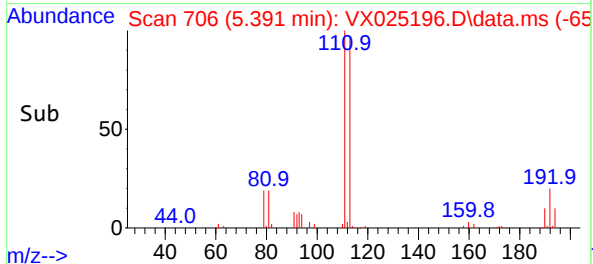
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 113 Resp: 5545
Ion Ratio Lower Upper
113 100
111 102.7 82.1 123.1
192 21.7 15.6 23.4

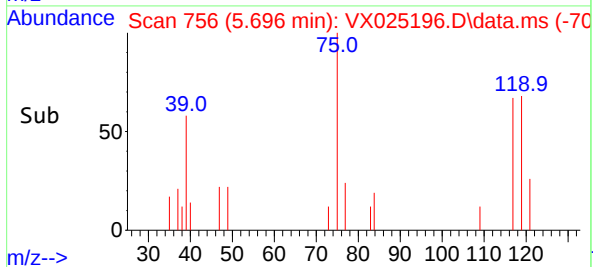
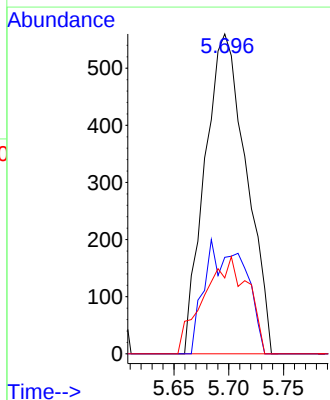
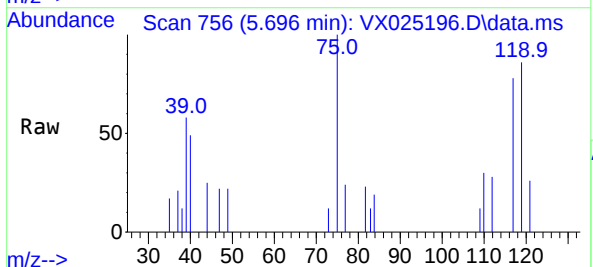
Manual Integrations
APPROVED

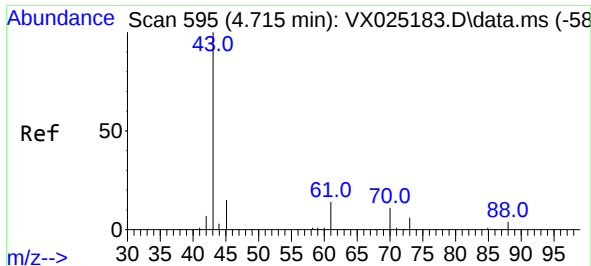
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#36
1,1-Dichloropropene
Concen: 0.941 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

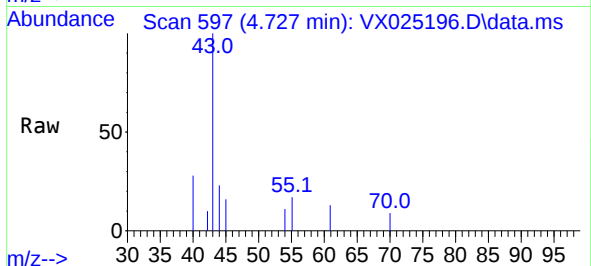
Tgt Ion: 75 Resp: 1472
Ion Ratio Lower Upper
75 100
110 13.5 18.1 54.3#
77 32.4 24.4 36.6





#37
Ethyl Acetate
Concen: 1.125 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.012 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

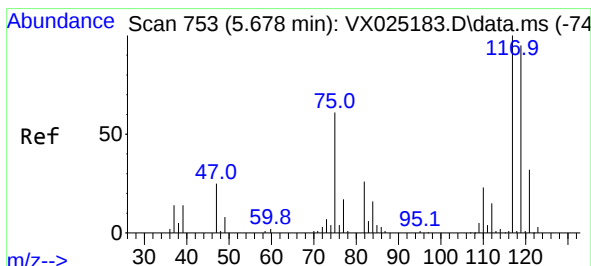
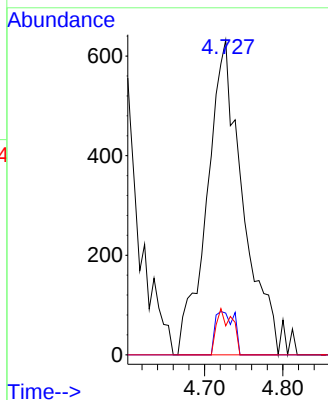
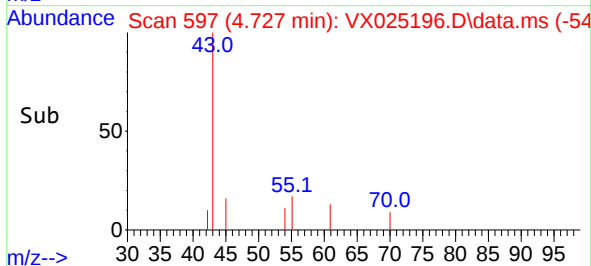
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2021



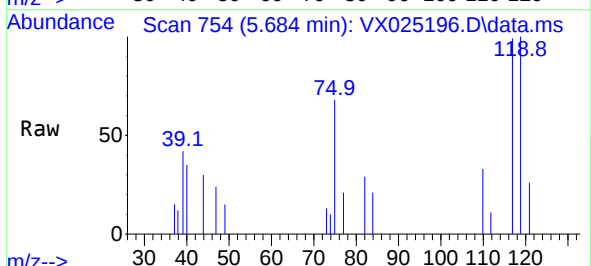
Tgt Ion: 43 Resp: 200
Ion Ratio Lower Upper
43 100
61 7.2 11.4 17.0
70 6.4 8.6 12.8

Manual Integrations
APPROVED

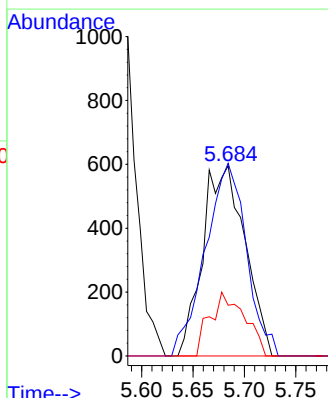
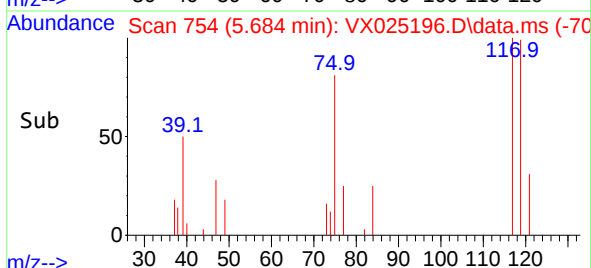
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

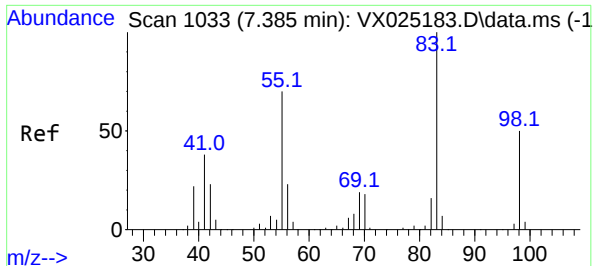


#38
Carbon Tetrachloride
Concen: 0.991 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58



Tgt Ion:117 Resp: 1707
Ion Ratio Lower Upper
117 100
119 101.3 75.6 113.4
121 26.7 23.7 35.5





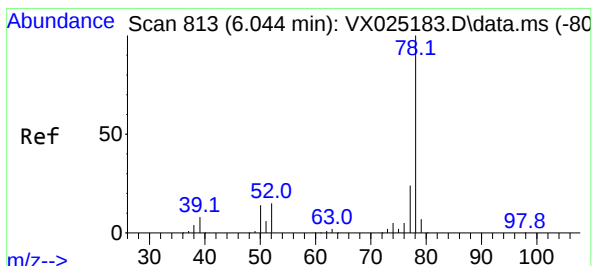
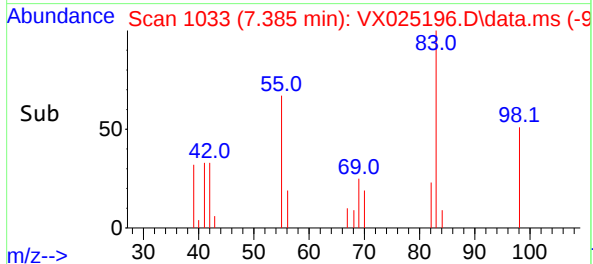
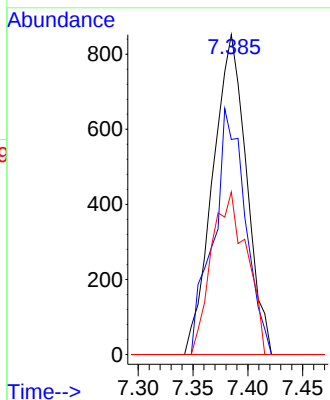
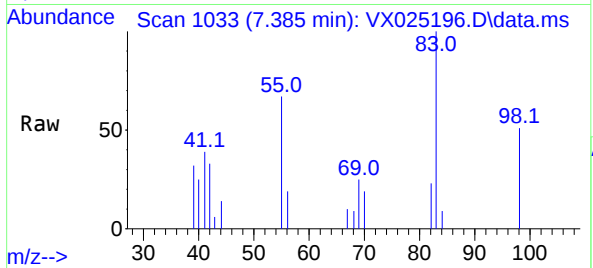
#39
Methylcyclohexane
Concen: 0.908 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

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

Tgt Ion: 83 Resp: 182
Ion Ratio Lower Upper
83 100
55 67.3 60.8 91.2
98 50.8 37.0 55.4

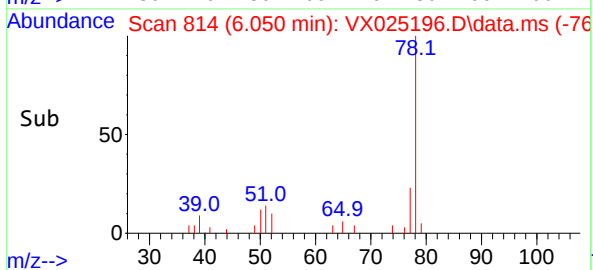
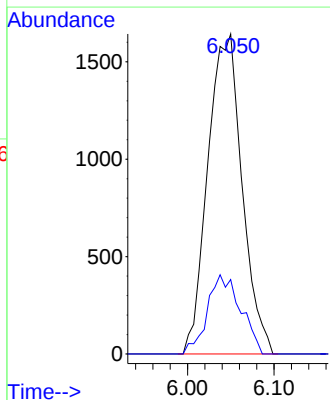
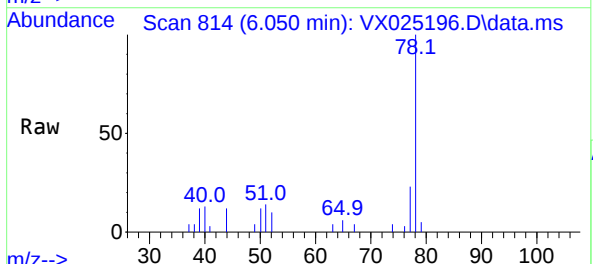
Manual Integrations
APPROVED

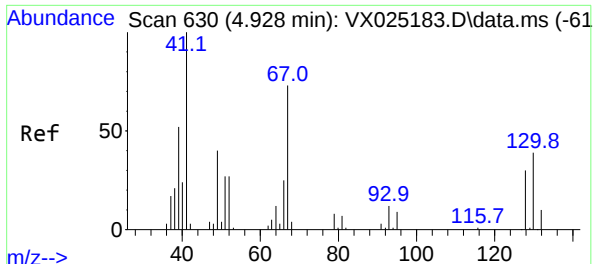
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#40
Benzene
Concen: 0.953 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

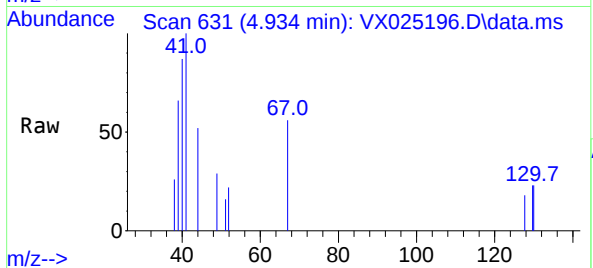
Tgt Ion: 78 Resp: 4517
Ion Ratio Lower Upper
78 100
77 23.3 18.3 27.5





#41
Methacrylonitrile
Concen: 1.063 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

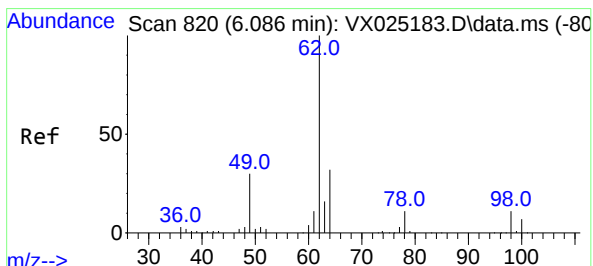
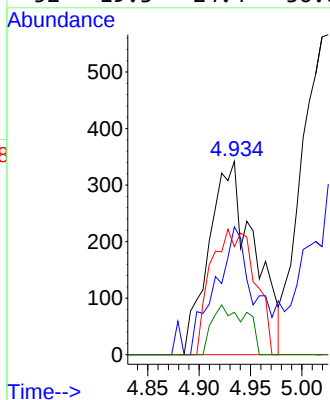
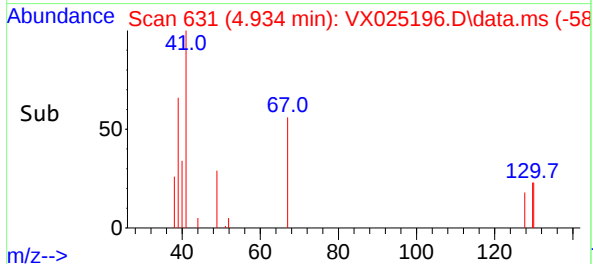
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 41 Resp: 1050
Ion Ratio Lower Upper
41 100
39 55.8 44.6 67.0
67 62.7 56.7 85.1
52 19.3 24.4 36.6#

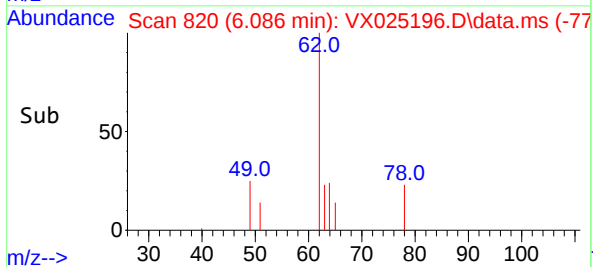
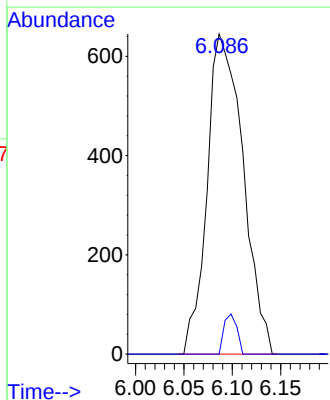
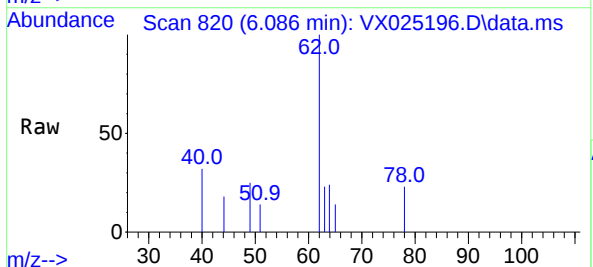
Manual Integrations
APPROVED

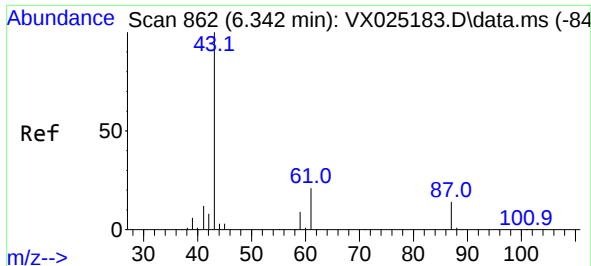
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#42
1,2-Dichloroethane
Concen: 1.080 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

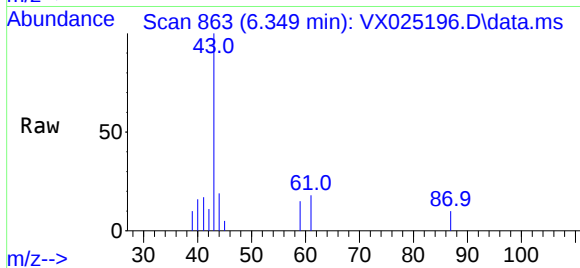
Tgt Ion: 62 Resp: 1665
Ion Ratio Lower Upper
62 100
98 4.5 0.0 16.0





#43
Isopropyl Acetate
Concen: 1.015 ug/l
RT: 6.349 min Scan# 863
Delta R.T. 0.007 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

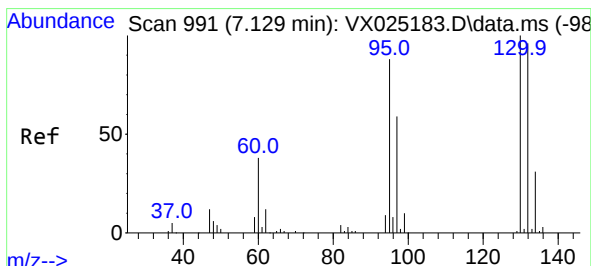
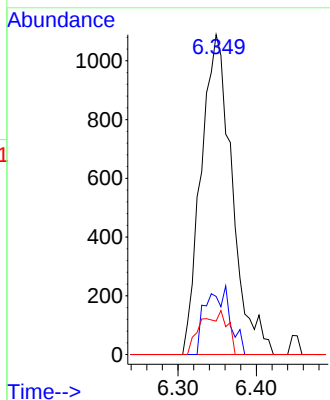
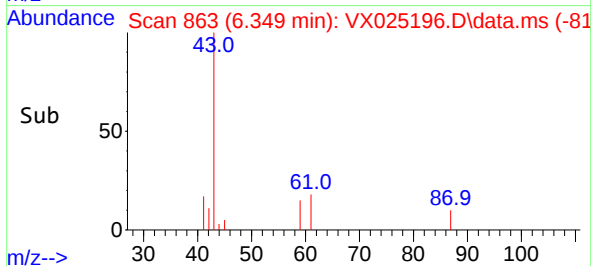
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 43 Resp: 3000
Ion Ratio Lower Upper
43 100
61 16.8 15.3 22.9
87 11.7 10.9 16.3

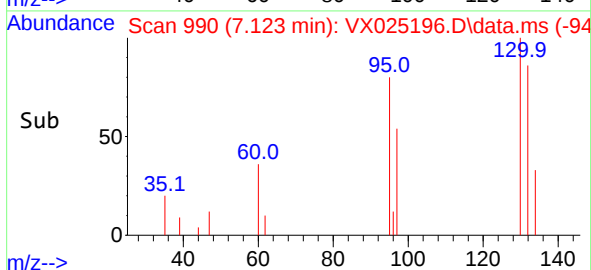
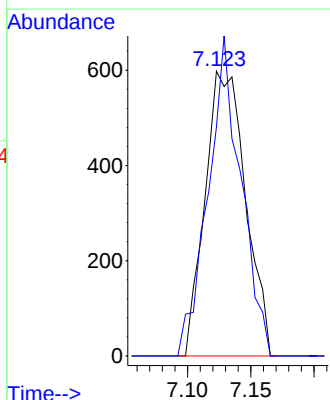
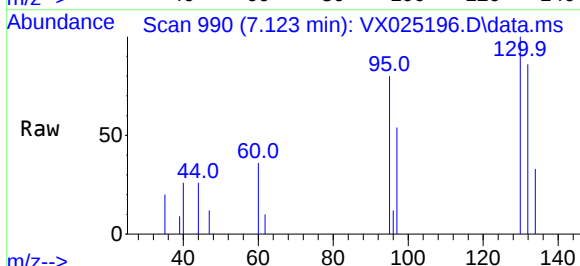
Manual Integrations
APPROVED

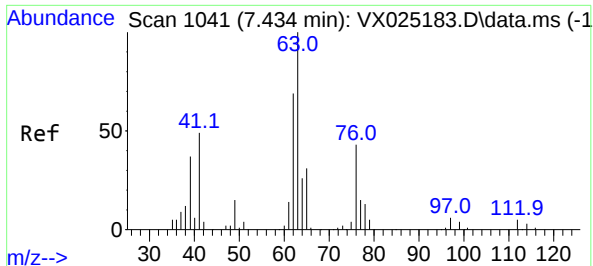
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#44
Trichloroethene
Concen: 0.967 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

Tgt Ion:130 Resp: 1331
Ion Ratio Lower Upper
130 100
95 80.4 0.0 196.8





#45

1,2-Dichloropropane

Concen: 0.977 ug/l

RT: 7.440 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX025196.D

Acq: 17 Nov 2021 18:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2021

Tgt Ion: 63 Resp: 113

Ion Ratio Lower Upper

63 100

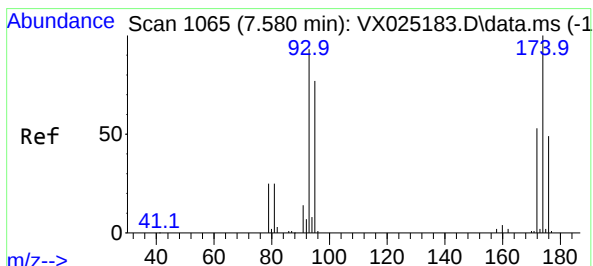
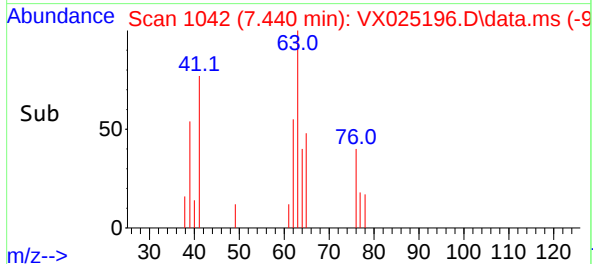
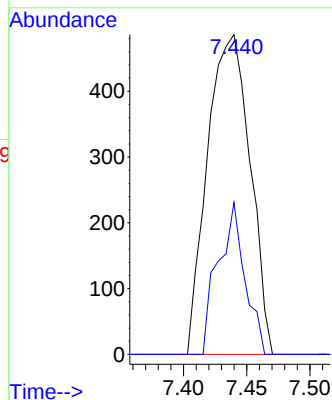
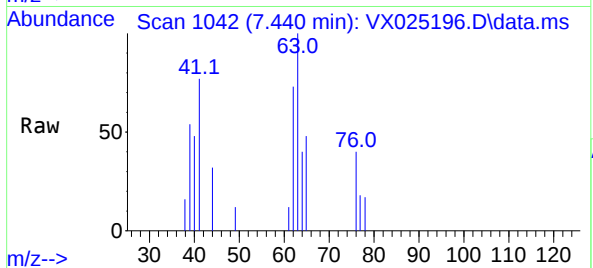
65 47.5 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#46

Dibromomethane

Concen: 0.987 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX025196.D

Acq: 17 Nov 2021 18:58

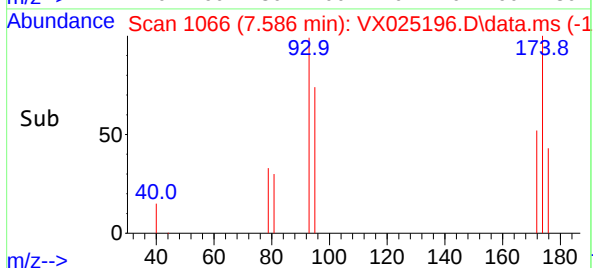
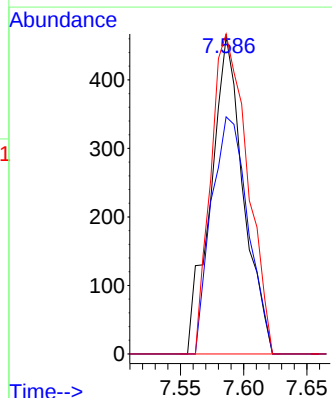
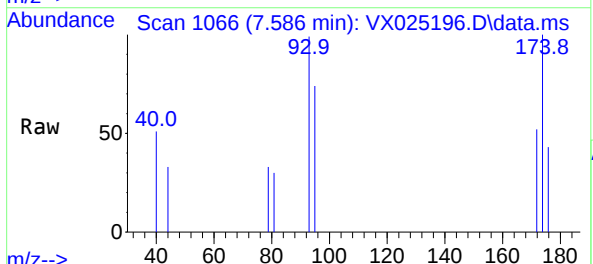
Tgt Ion: 93 Resp: 834

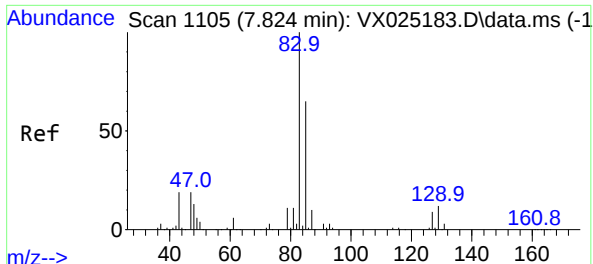
Ion Ratio Lower Upper

93 100

95 83.6 66.6 100.0

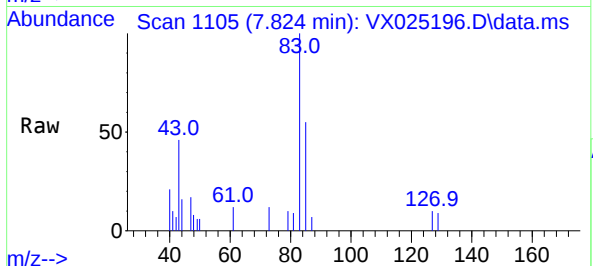
174 112.4 79.2 118.8





#47
Bromodichloromethane
Concen: 0.959 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

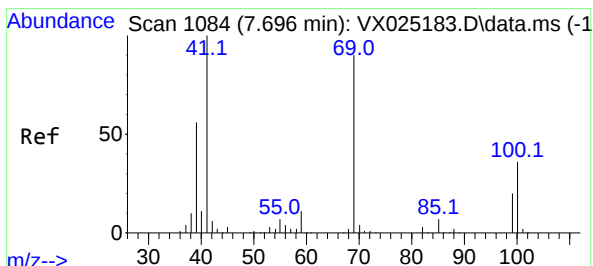
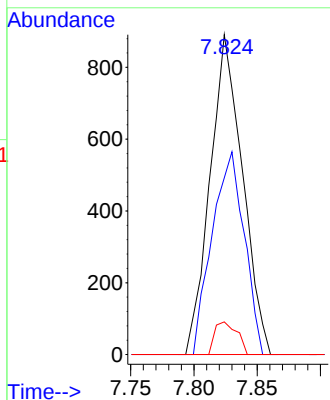
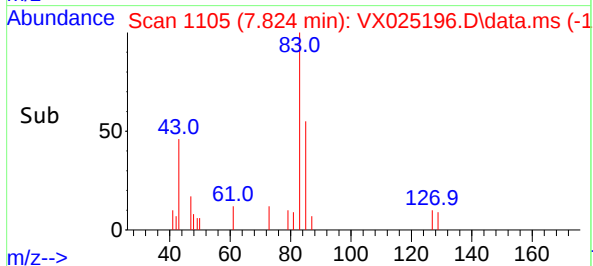
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2021



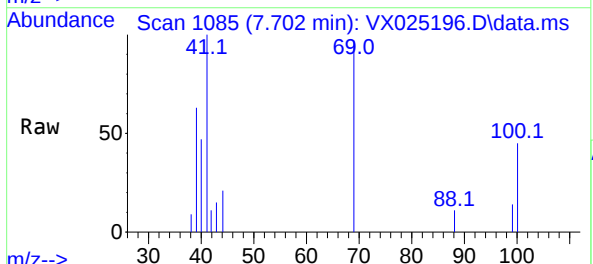
Tgt Ion: 83 Resp: 1592
Ion Ratio Lower Upper
83 100
85 55.2 53.5 80.3
127 10.2 7.7 11.5

Manual Integrations
APPROVED

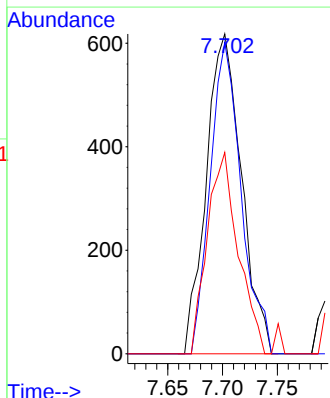
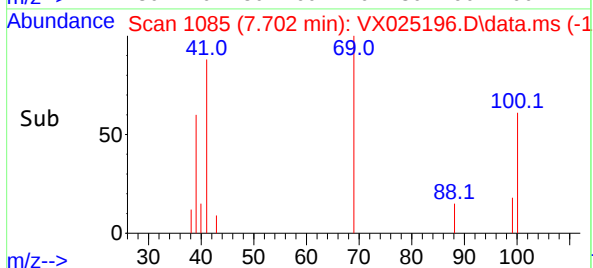
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

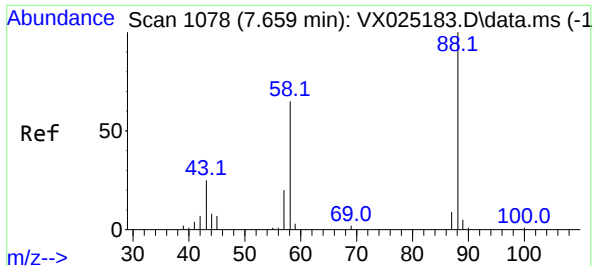


#48
Methyl methacrylate
Concen: 0.993 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58



Tgt Ion: 41 Resp: 1380
Ion Ratio Lower Upper
41 100
69 85.8 64.5 96.7
39 55.4 46.9 70.3





#49

1,4-Dioxane

Concen: 21.084 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX025196.D

Acq: 17 Nov 2021 18:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2021

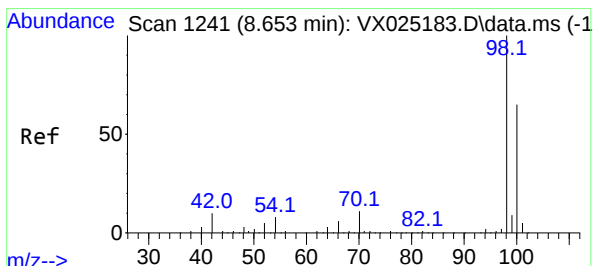
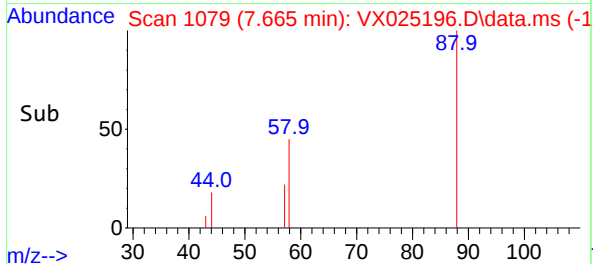
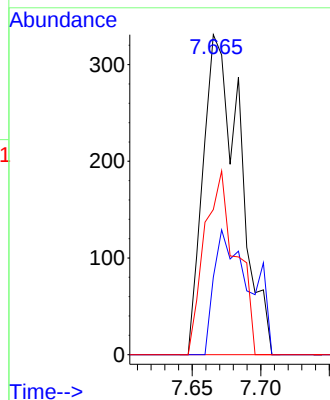
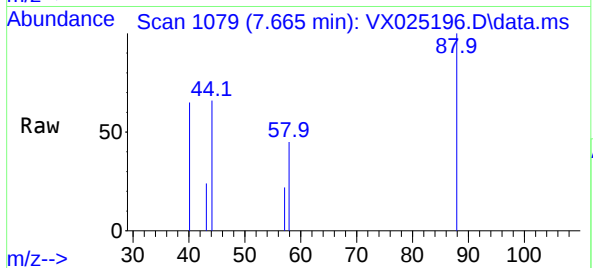
Tgt Ion: 88	Resp: 619
Ion Ratio	Lower Upper
88 100	
43 37.6	27.0 40.6
58 49.1	55.2 82.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#50

Toluene-d8

Concen: 48.928 ug/l

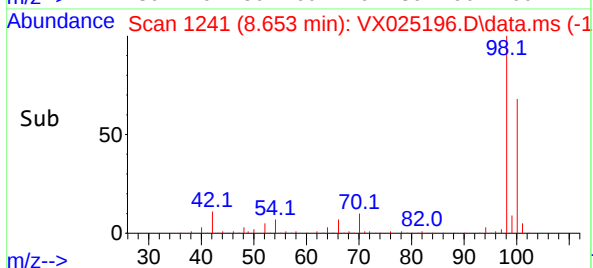
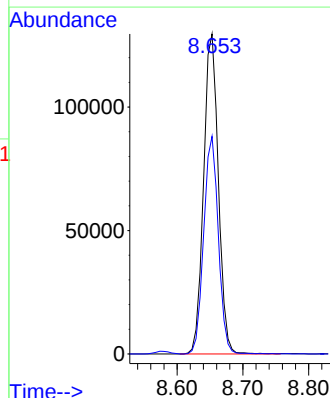
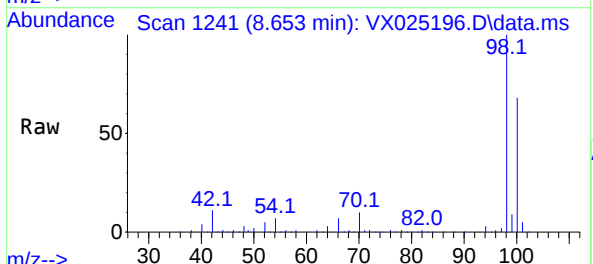
RT: 8.653 min Scan# 1241

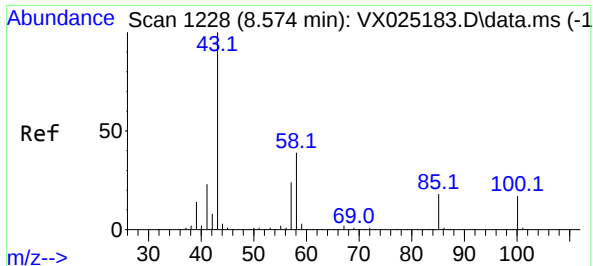
Delta R.T. 0.000 min

Lab File: VX025196.D

Acq: 17 Nov 2021 18:58

Tgt Ion: 98	Resp: 202406
Ion Ratio	Lower Upper
98 100	
100 67.3	51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 4.659 ug/l

RT: 8.580 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX025196.D

Acq: 17 Nov 2021 18:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2021

Tgt Ion: 43 Resp: 865

Ion Ratio Lower Upper

43 100

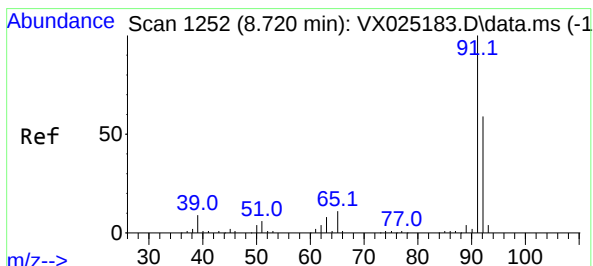
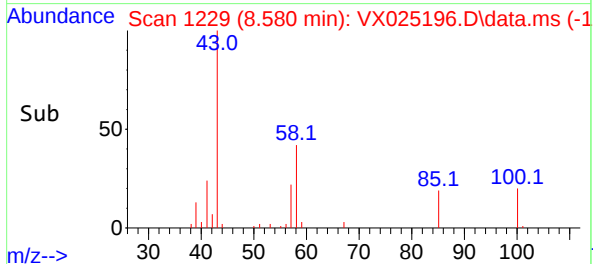
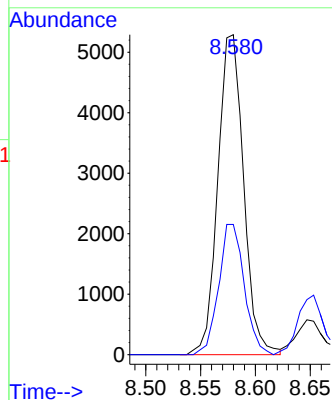
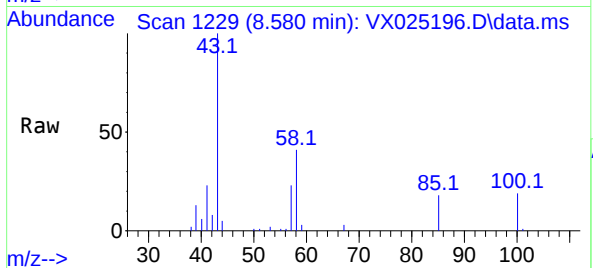
58 40.4 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#52

Toluene

Concen: 0.979 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX025196.D

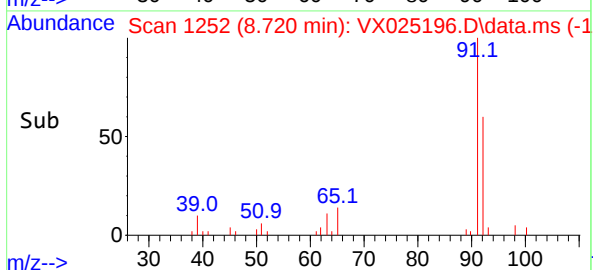
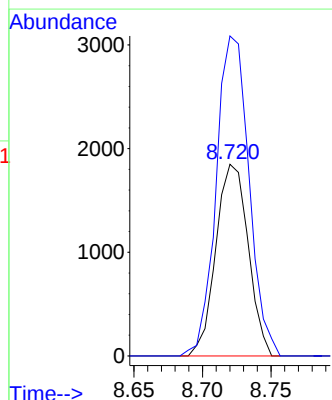
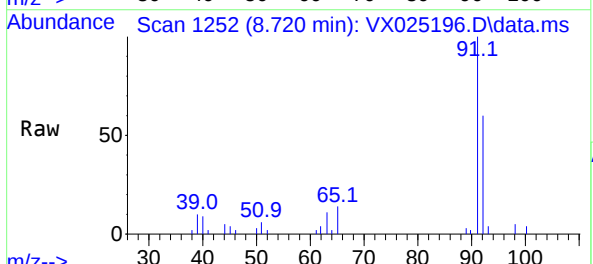
Acq: 17 Nov 2021 18:58

Tgt Ion: 92 Resp: 3030

Ion Ratio Lower Upper

92 100

91 169.7 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 0.903 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX025196.D

Acq: 17 Nov 2021 18:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2021

Tgt Ion: 75 Resp: 1668

Ion Ratio Lower Upper

75 100

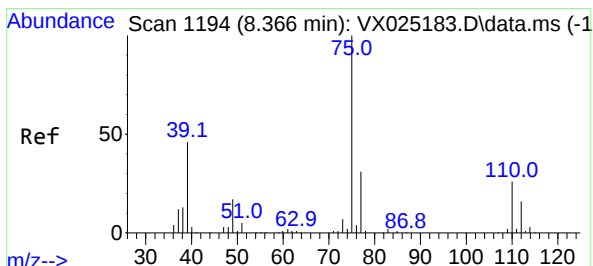
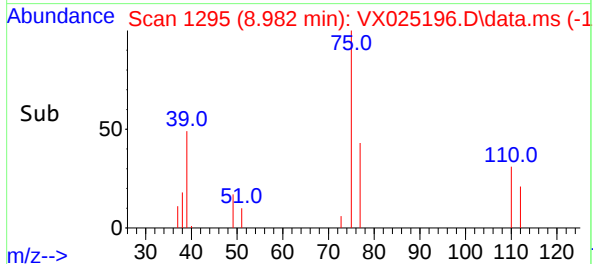
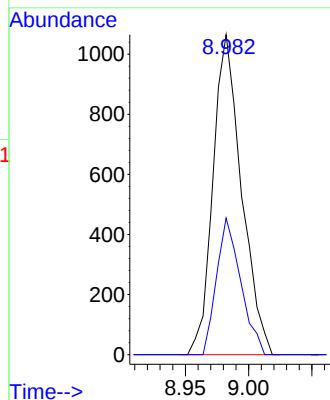
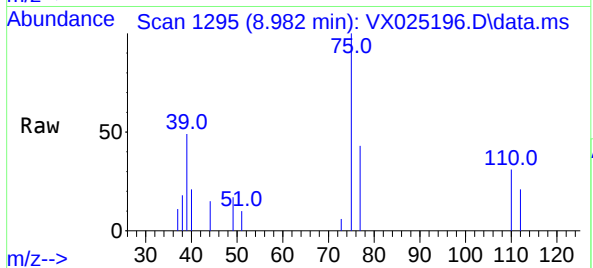
77 42.7 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#54

cis-1,3-Dichloropropene

Concen: 0.959 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX025196.D

Acq: 17 Nov 2021 18:58

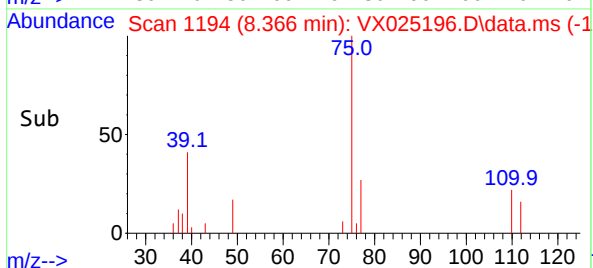
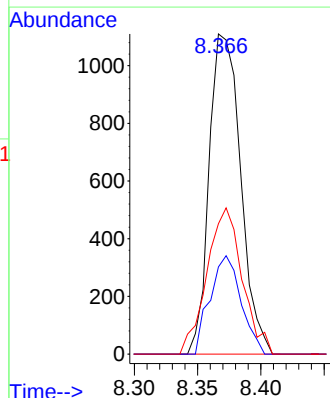
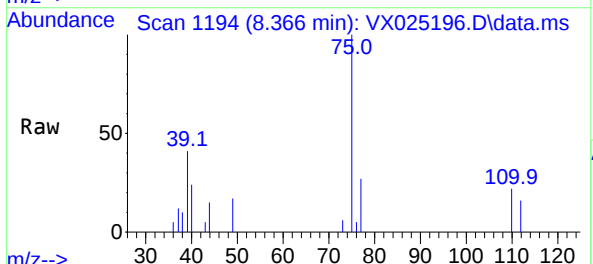
Tgt Ion: 75 Resp: 1920

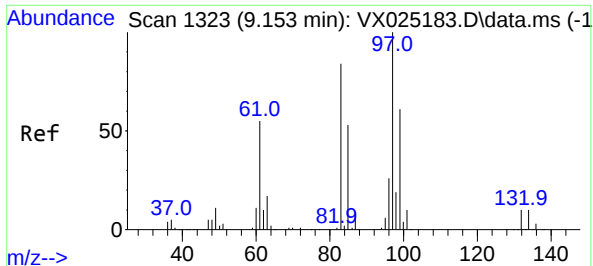
Ion Ratio Lower Upper

75 100

77 27.2 23.8 35.8

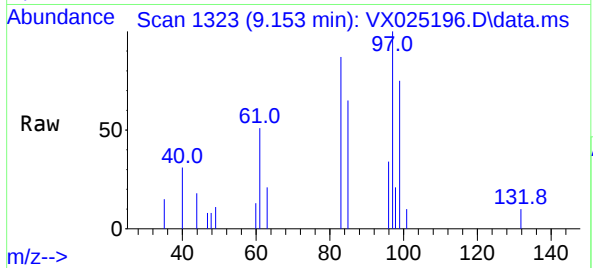
39 40.7 38.8 58.2





#55
1,1,2-Trichloroethane
Concen: 0.937 ug/l
RT: 9.153 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

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

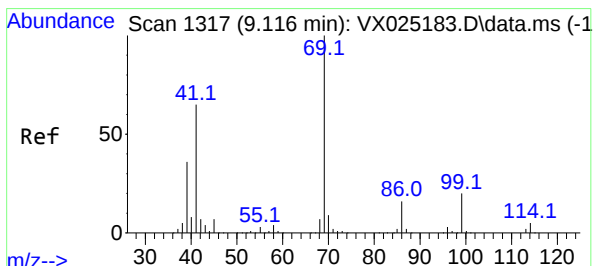
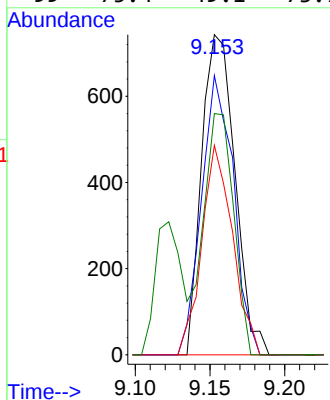
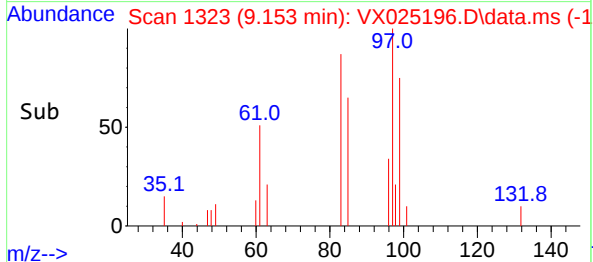


Tgt Ion: 97 Resp: 1152

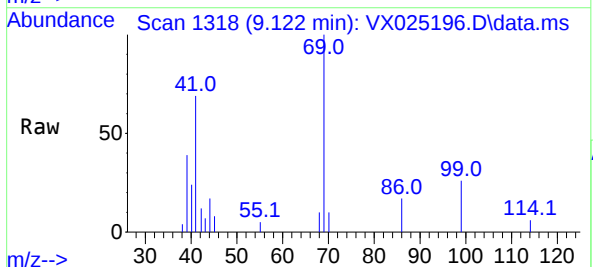
Ion	Ratio	Lower	Upper
97	100		
83	87.2	69.2	103.8
85	65.4	43.3	64.9
99	75.4	49.1	73.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

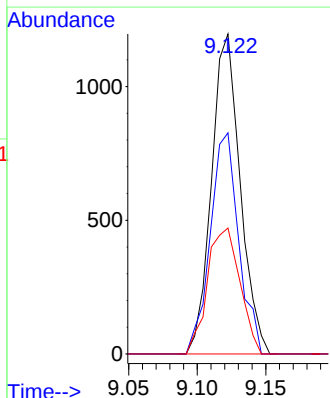
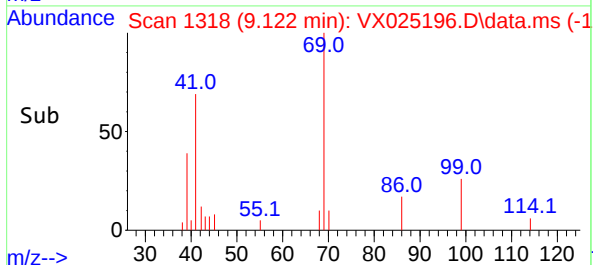


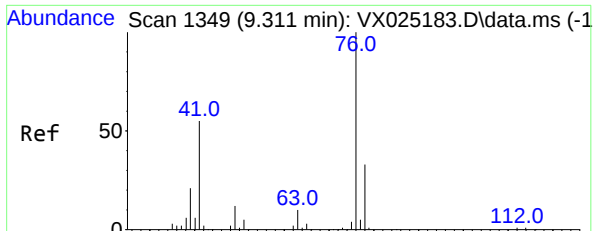
#56
Ethyl methacrylate
Concen: 0.873 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58



Tgt Ion: 69 Resp: 1743

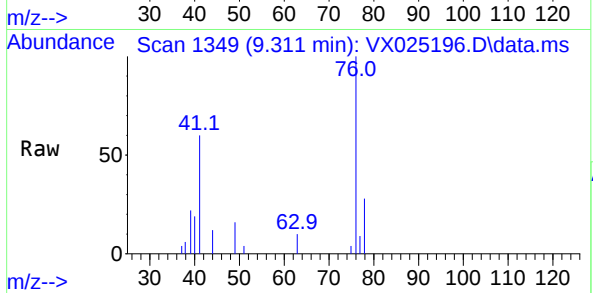
Ion	Ratio	Lower	Upper
69	100		
41	68.4	55.3	82.9
39	44.5	30.2	45.4





#57
1,3-Dichloropropane
Concen: 0.952 ug/l
RT: 9.311 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

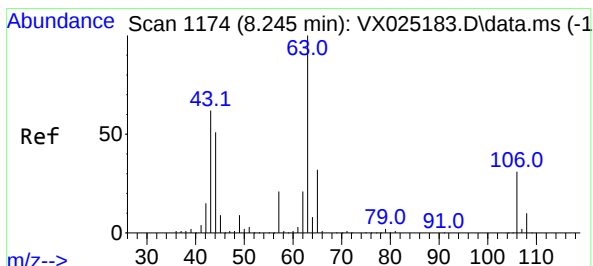
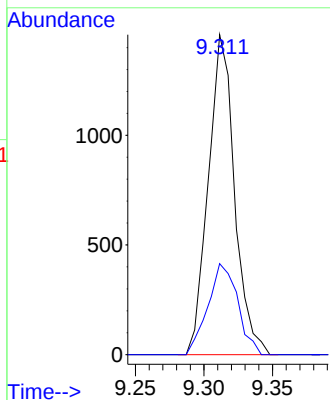
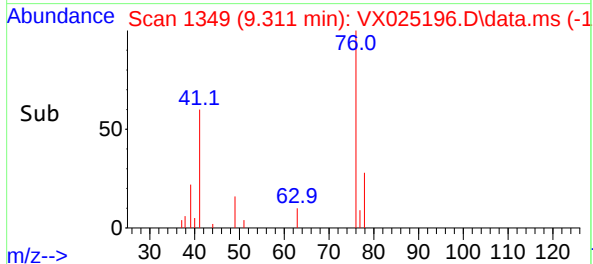
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2021



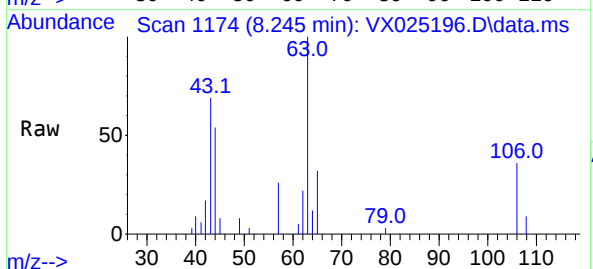
Tgt Ion: 76 Resp: 194
Ion Ratio Lower Upper
76 100
78 32.4 25.8 38.8

Manual Integrations
APPROVED

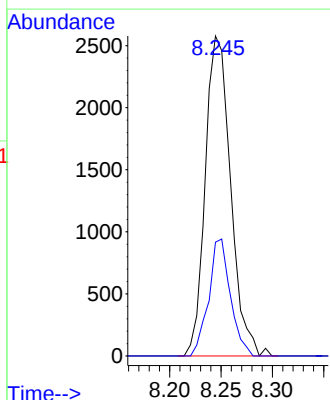
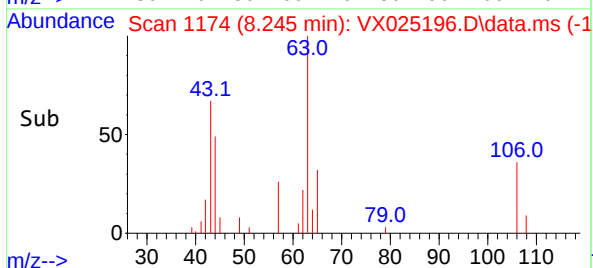
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#58
2-Chloroethyl Vinyl ether
Concen: 4.765 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58



Tgt Ion: 63 Resp: 4424
Ion Ratio Lower Upper
63 100
106 31.3 22.8 34.2





#59

2-Hexanone

Concen: 4.593 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX025196.D

Acq: 17 Nov 2021 18:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2021

Tgt Ion: 43 Resp: 6720

Ion Ratio Lower Upper

43 100

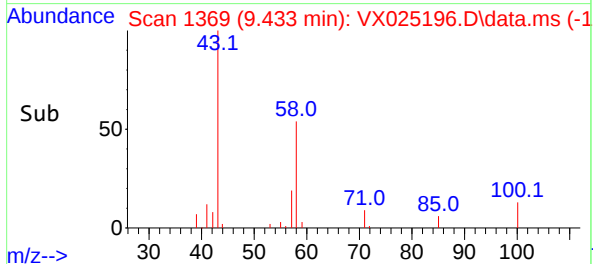
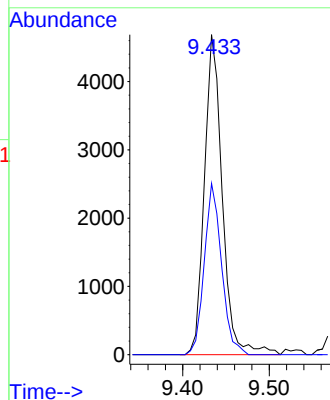
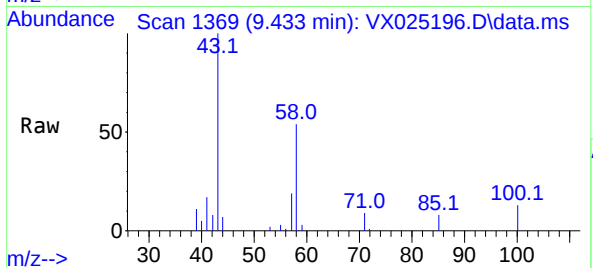
58 51.8 26.6 79.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#60

Dibromochloromethane

Concen: 0.916 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX025196.D

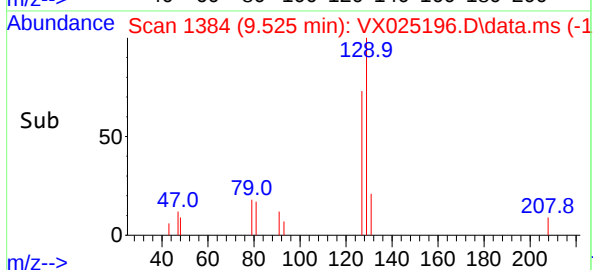
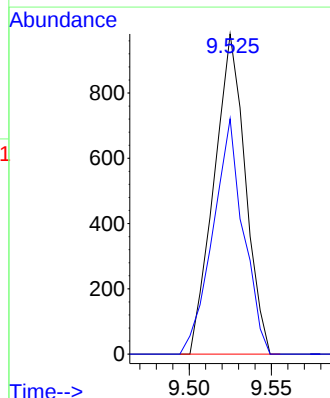
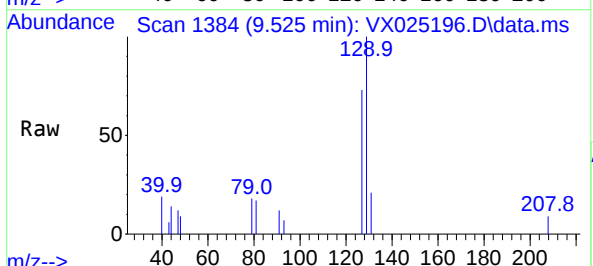
Acq: 17 Nov 2021 18:58

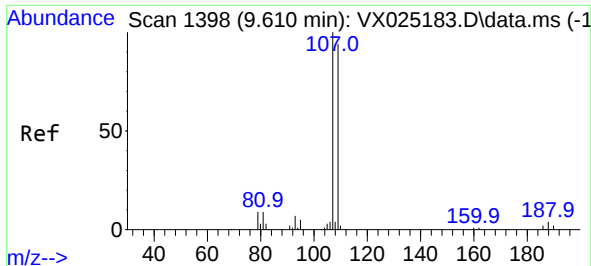
Tgt Ion:129 Resp: 1296

Ion Ratio Lower Upper

129 100

127 72.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 0.928 ug/l

RT: 9.610 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX025196.D

Acq: 17 Nov 2021 18:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2021

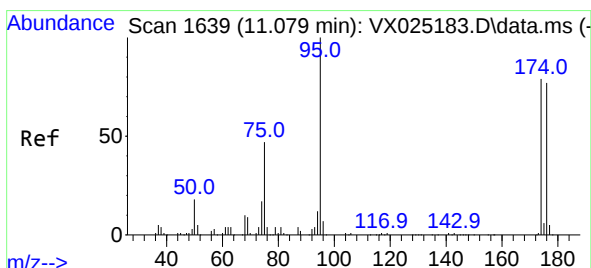
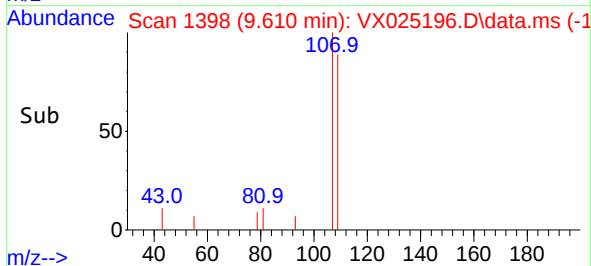
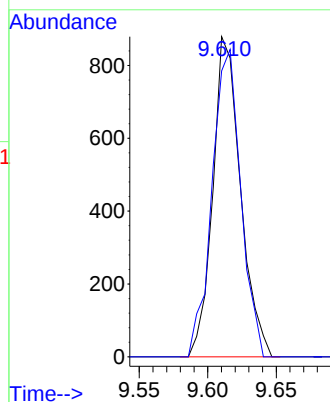
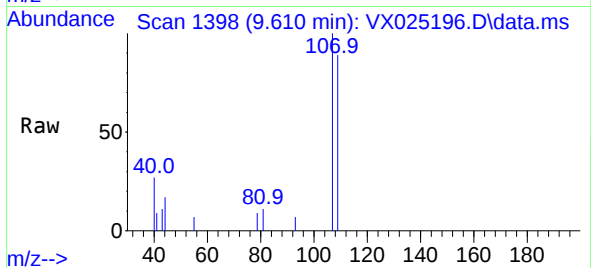
Tgt Ion:107 Resp: 1230
 Ion Ratio Lower Upper
 107 100
 109 99.4 74.4 111.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#62

4-Bromofluorobenzene

Concen: 45.828 ug/l

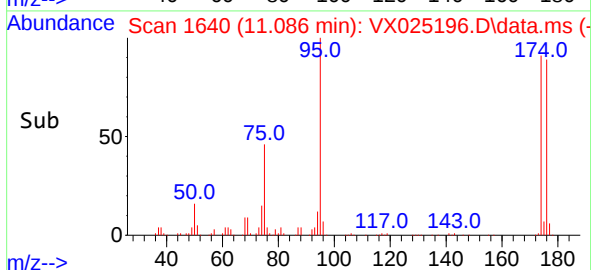
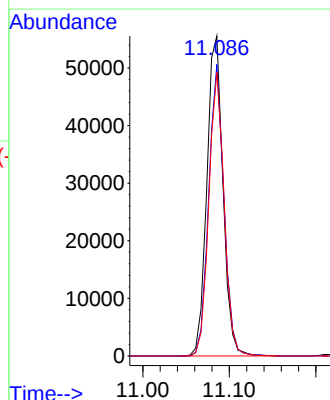
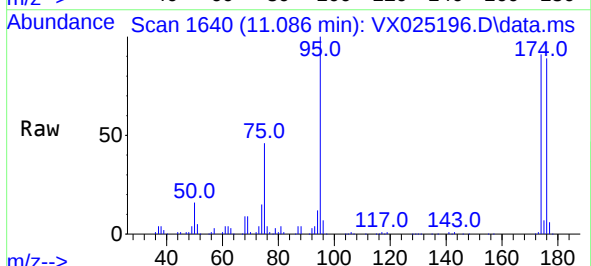
RT: 11.086 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX025196.D

Acq: 17 Nov 2021 18:58

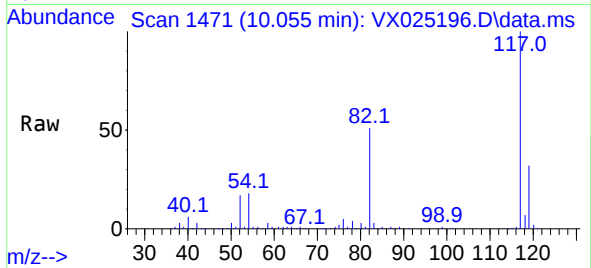
Tgt Ion: 95 Resp: 71720
 Ion Ratio Lower Upper
 95 100
 174 86.4 0.0 158.0
 176 84.2 0.0 153.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

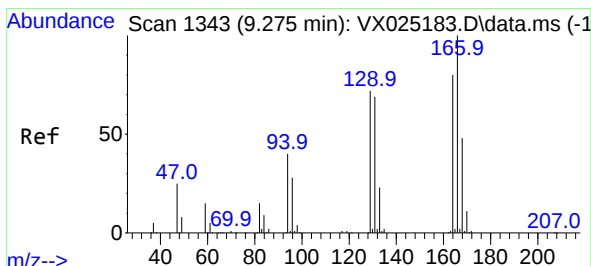
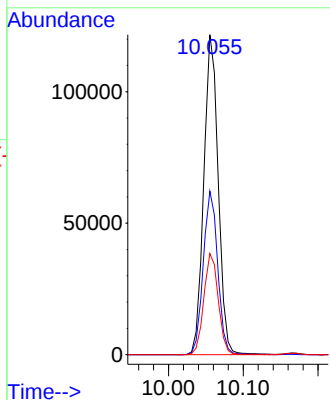
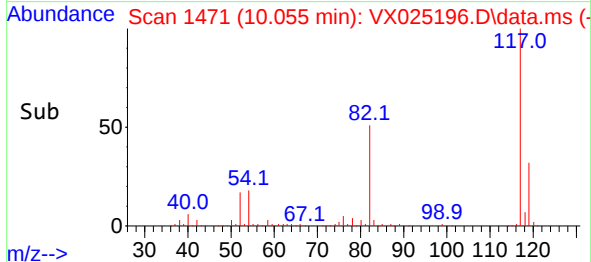
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:117 Resp: 16294
Ion Ratio Lower Upper
117 100
82 51.1 44.6 67.0
119 31.6 24.8 37.2

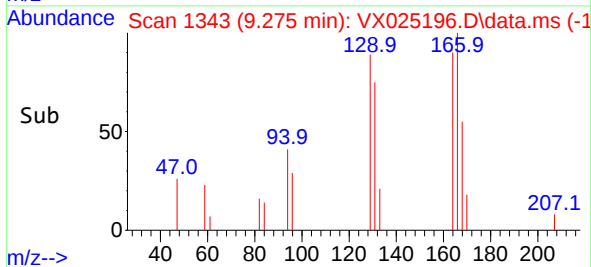
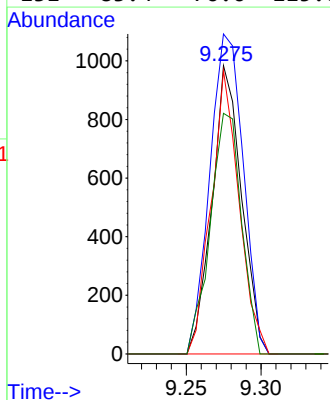
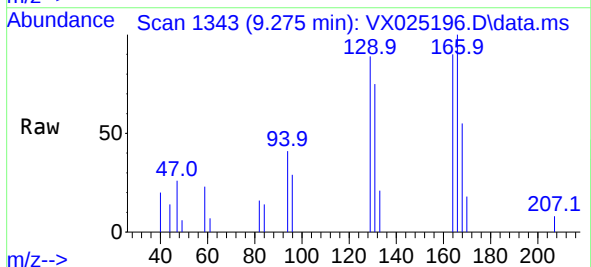
Manual Integrations
APPROVED

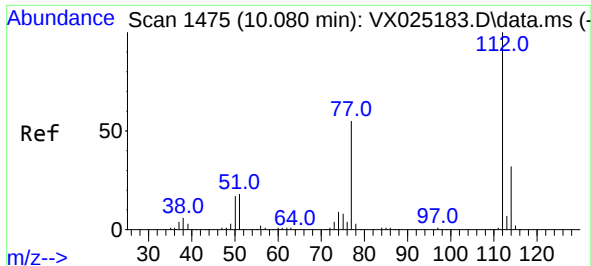
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#64
Tetrachloroethene
Concen: 1.008 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

Tgt Ion:164 Resp: 1354
Ion Ratio Lower Upper
164 100
166 111.0 103.2 154.8
129 98.3 81.0 121.4
131 83.4 76.6 115.0





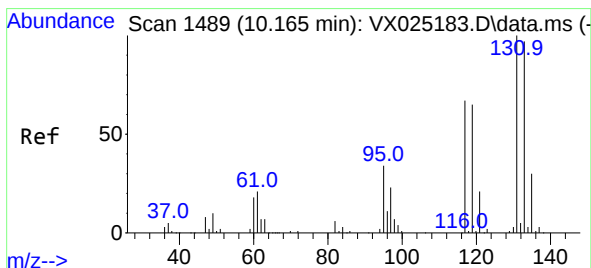
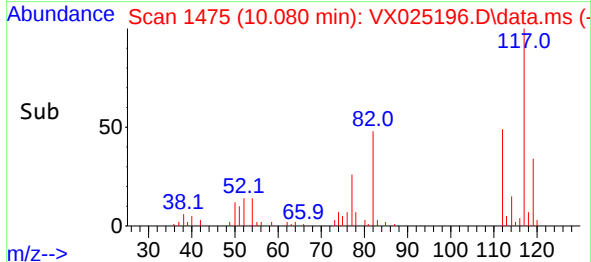
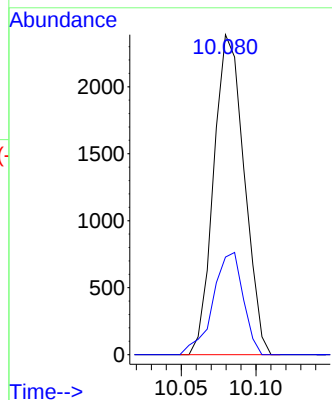
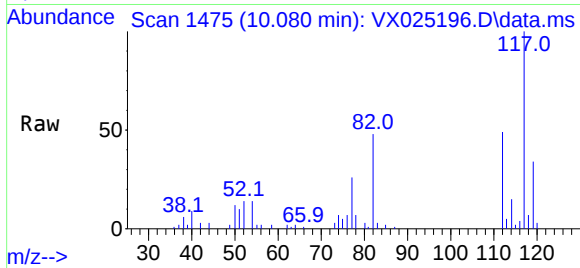
#65
Chlorobenzene
Concen: 1.021 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

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

Tgt Ion:112 Resp: 339
Ion Ratio Lower Upper
112 100
114 30.5 25.8 38.6

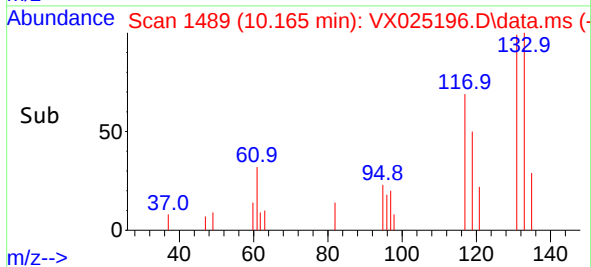
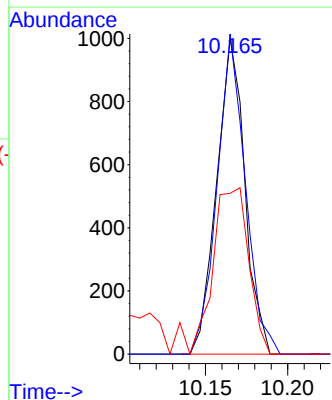
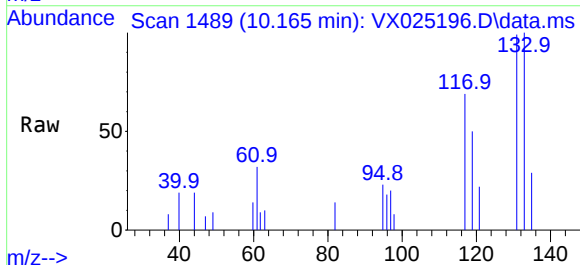
Manual Integrations
APPROVED

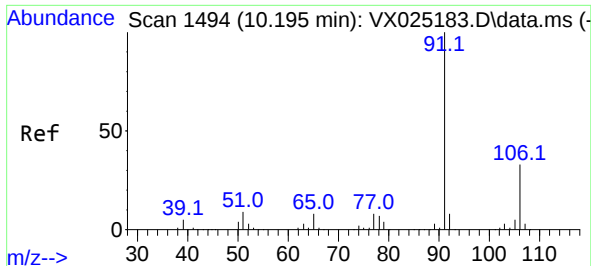
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 0.933 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

Tgt Ion:131 Resp: 1188
Ion Ratio Lower Upper
131 100
133 101.5 48.1 144.4
119 0.0 32.0 96.0#





#67

Ethyl Benzene

Concen: 0.972 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX025196.D

Acq: 17 Nov 2021 18:58

Instrument :

MSVOA_X

ClientSampleId :

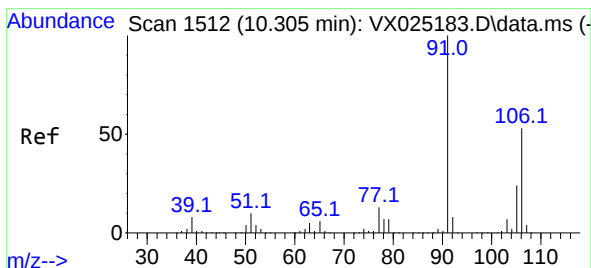
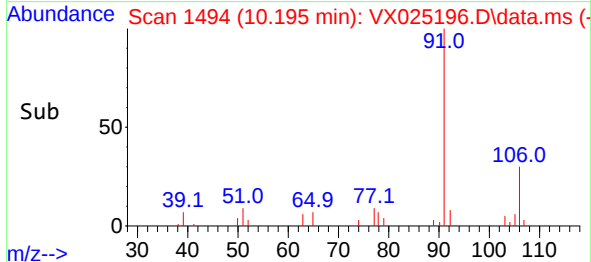
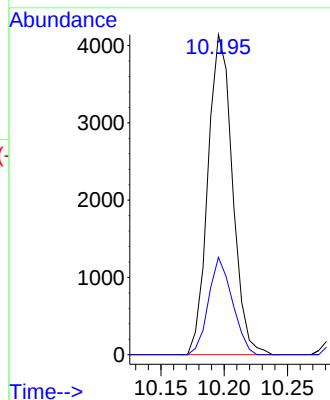
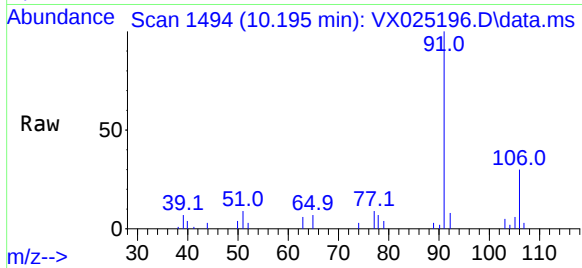
LOQ-WATER-02-QT4-2021

Tgt Ion: 91 Resp: 5579
 Ion Ratio Lower Upper
 91 100
 106 30.5 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#68

m/p-Xylenes

Concen: 1.905 ug/l

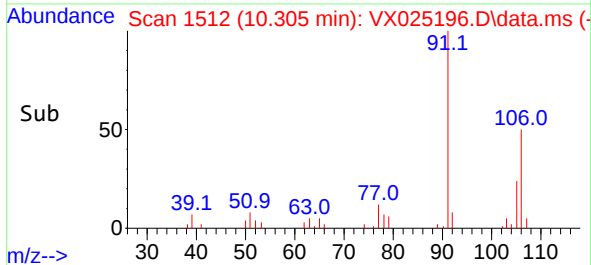
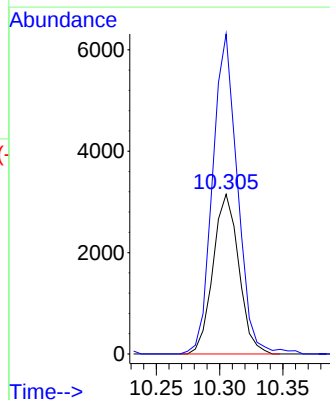
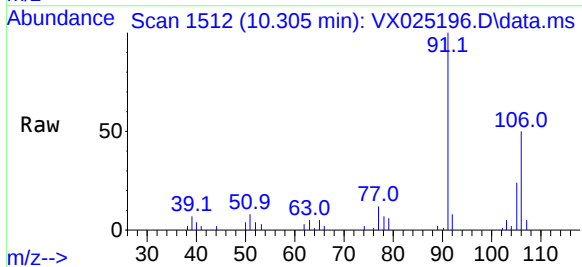
RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX025196.D

Acq: 17 Nov 2021 18:58

Tgt Ion:106 Resp: 4466
 Ion Ratio Lower Upper
 106 100
 91 193.7 163.4 245.0





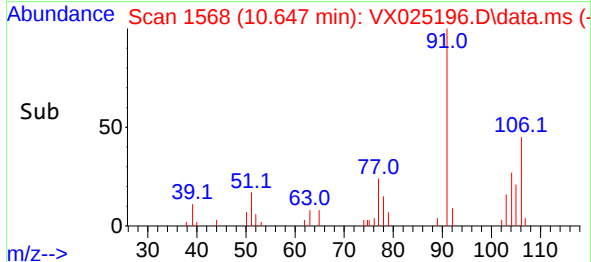
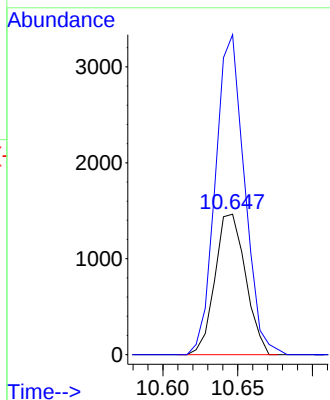
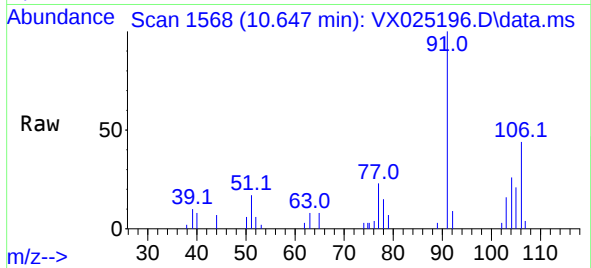
#69
o-Xylene
Concen: 0.910 ug/l
RT: 10.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

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

Tgt Ion:106 Resp: 208
Ion Ratio Lower Upper
106 100
91 216.2 109.5 328.4

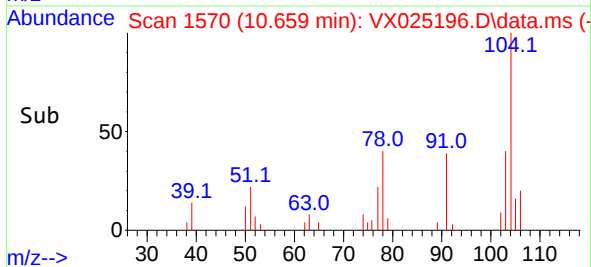
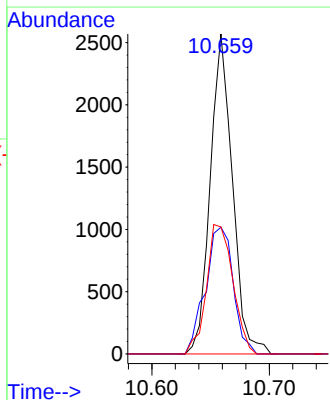
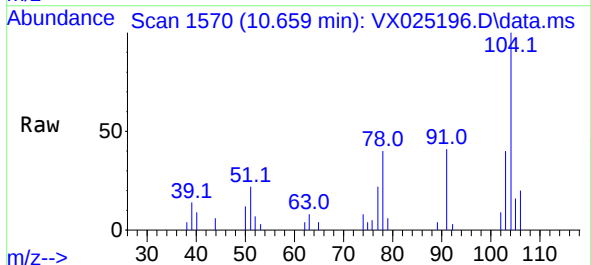
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#70
Styrene
Concen: 0.890 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

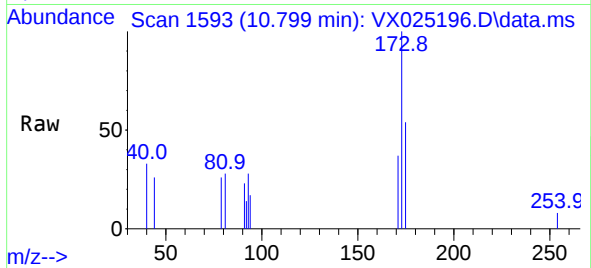
Tgt Ion:104 Resp: 3373
Ion Ratio Lower Upper
104 100
78 49.7 41.3 61.9
103 48.1 43.5 65.3





#71
Bromoform
Concen: 0.873 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

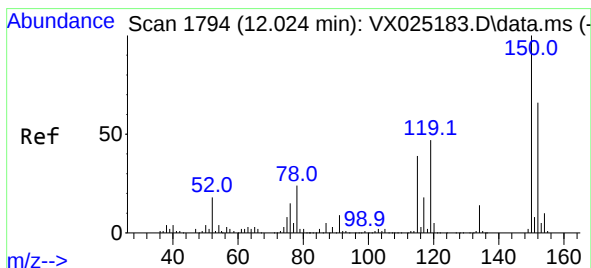
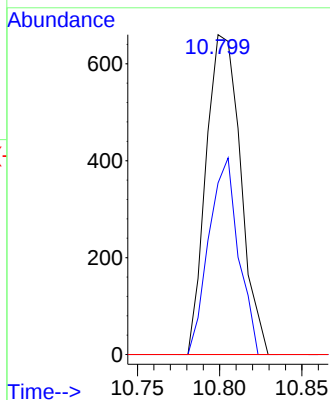
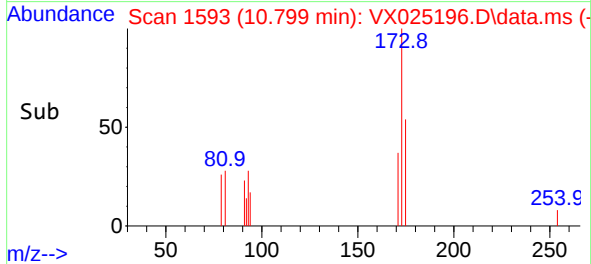
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:173 Resp: 96
Ion Ratio Lower Upper
173 100
175 52.8 24.3 73.0
254 0.0 0.0 0.0

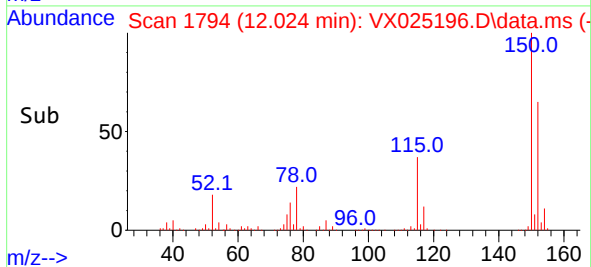
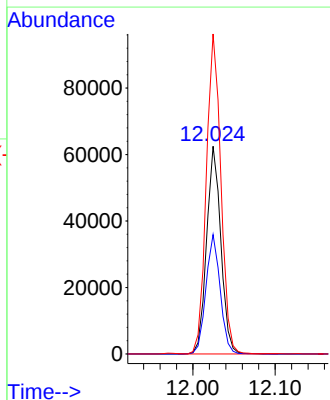
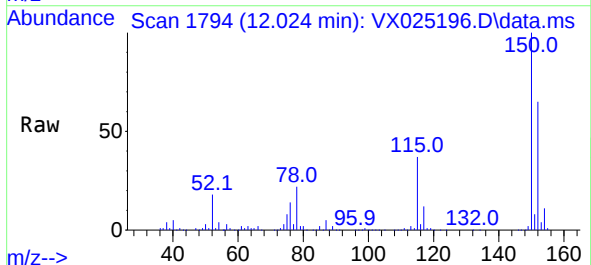
Manual Integrations
APPROVED

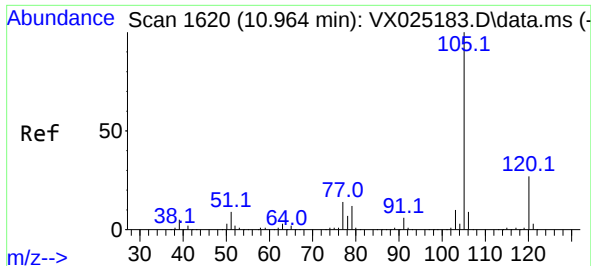
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

Tgt Ion:152 Resp: 75143
Ion Ratio Lower Upper
152 100
115 57.5 43.3 129.8
150 157.0 0.0 351.2





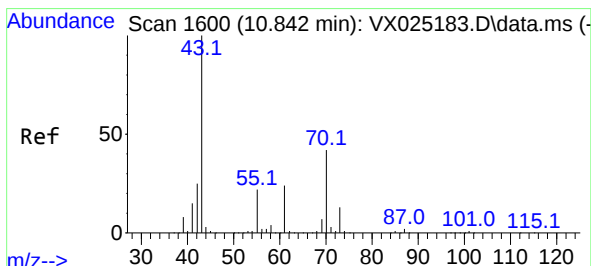
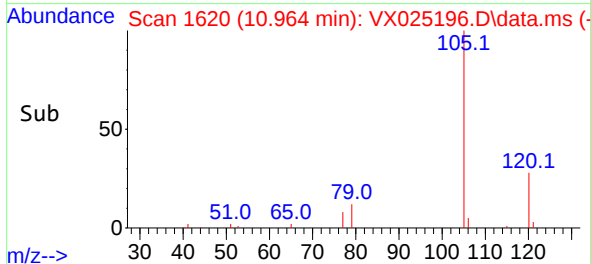
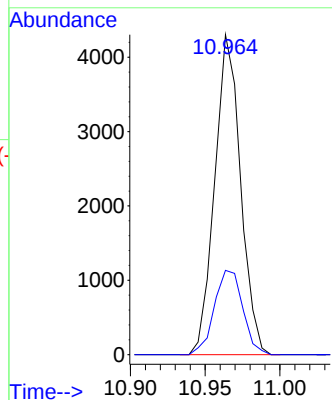
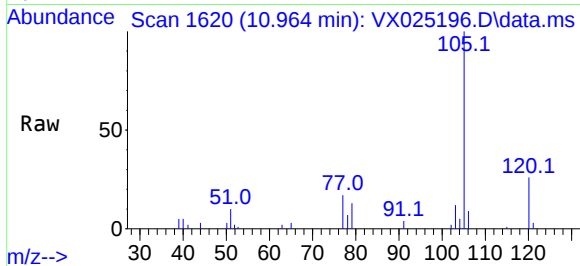
#73
Isopropylbenzene
Concen: 0.965 ug/l
RT: 10.964 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

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

Tgt Ion:105 Resp: 5168
Ion Ratio Lower Upper
105 100
120 29.1 13.3 39.8

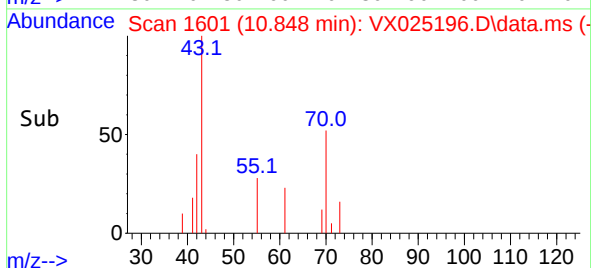
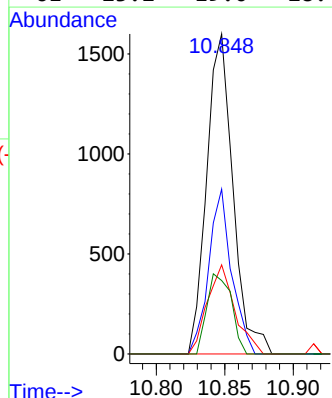
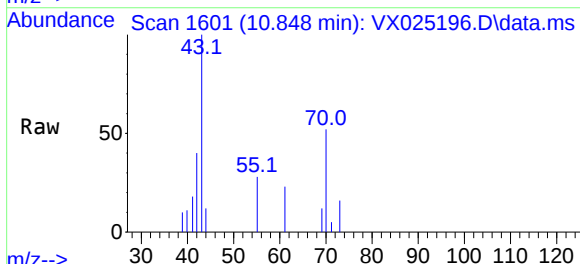
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#74
N-ethyl acetate
Concen: 0.922 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

Tgt Ion: 43 Resp: 2135
Ion Ratio Lower Upper
43 100
70 44.9 33.7 50.5
55 29.1 19.7 29.5
61 23.2 19.0 28.4





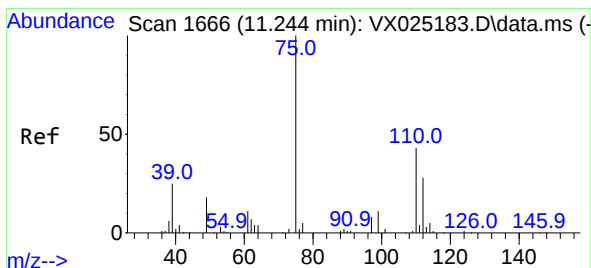
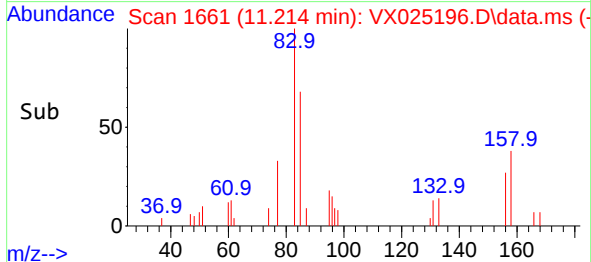
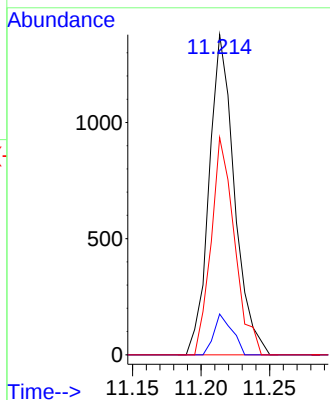
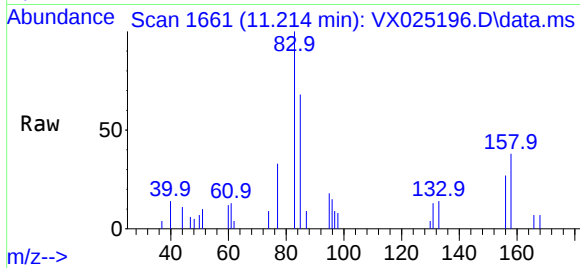
#75
1,1,2,2-Tetrachloroethane
Concen: 1.024 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

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

Tgt Ion: 83 Resp: 1774
Ion Ratio Lower Upper
83 100
131 9.1 5.3 16.1
85 62.6 32.3 96.9

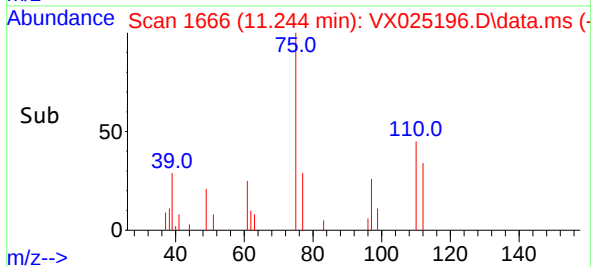
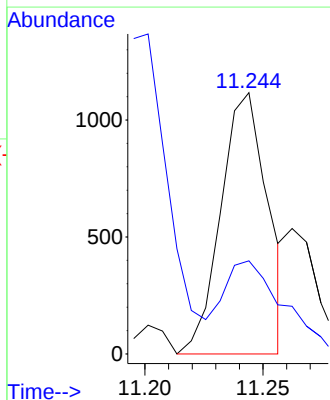
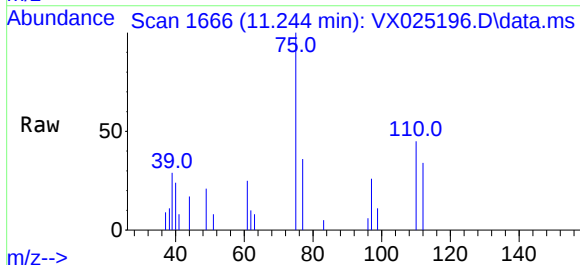
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#76
1,2,3-Trichloropropane
Concen: 1.001 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

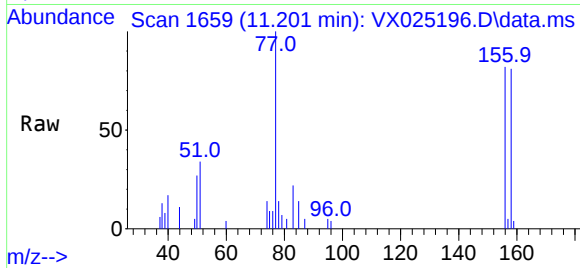
Tgt Ion: 75 Resp: 1541
Ion Ratio Lower Upper
75 100
77 45.9 20.0 59.9





#77
Bromobenzene
Concen: 1.053 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

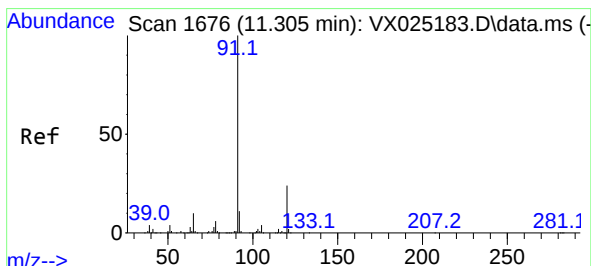
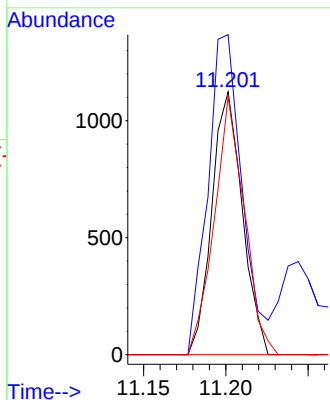
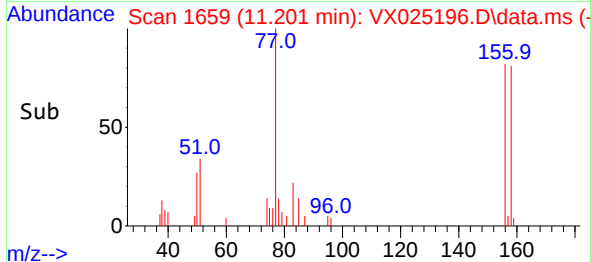
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2021



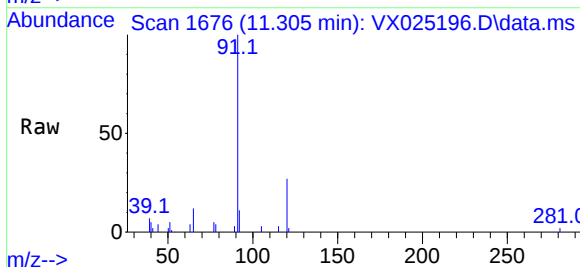
Tgt Ion:156 Resp: 1450
Ion Ratio Lower Upper
156 100
77 137.4 78.3 234.8
158 97.0 48.9 146.6

Manual Integrations
APPROVED

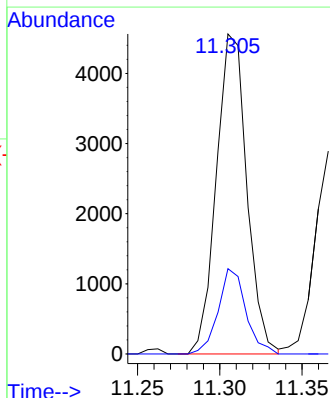
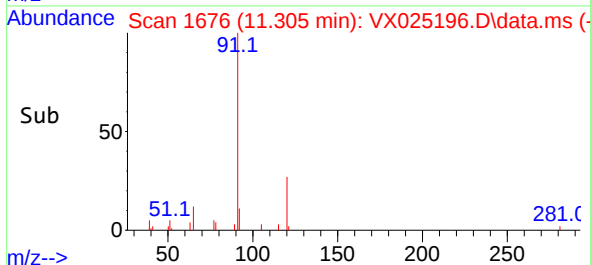
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

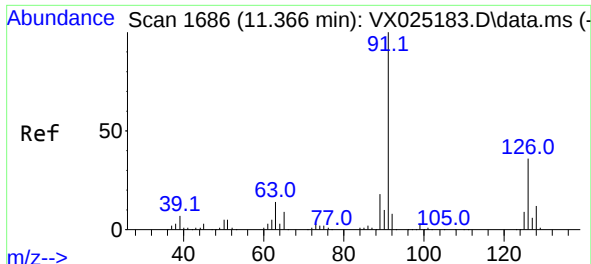


#78
n-propylbenzene
Concen: 0.977 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58



Tgt Ion: 91 Resp: 5876
Ion Ratio Lower Upper
91 100
120 24.2 11.7 35.0





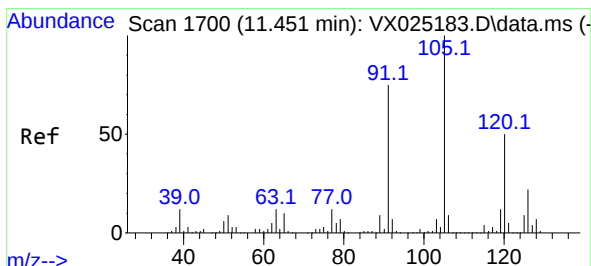
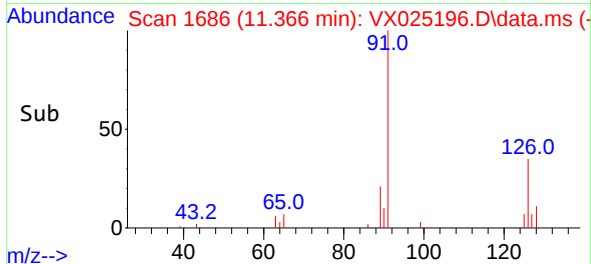
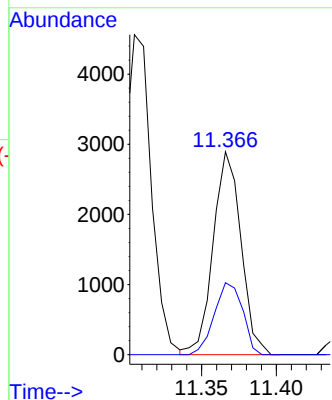
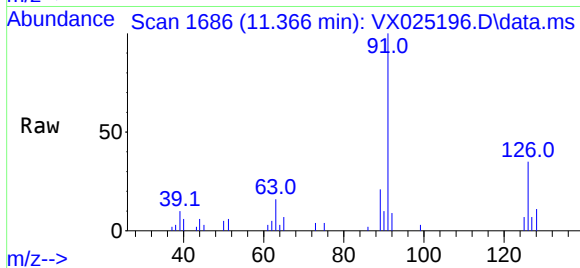
#79
2-Chlorotoluene
Concen: 1.022 ug/l
RT: 11.366 min Scan# 110
Delta R.T. -0.000 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

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

Tgt Ion: 91 Resp: 374
Ion Ratio Lower Upper
91 100
126 36.0 17.0 50.9

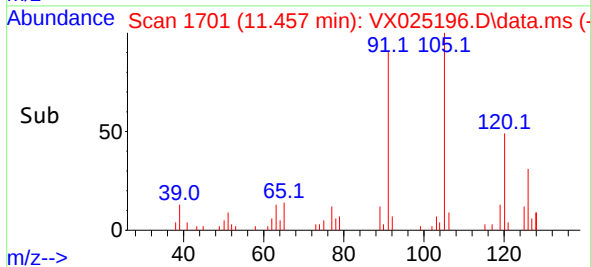
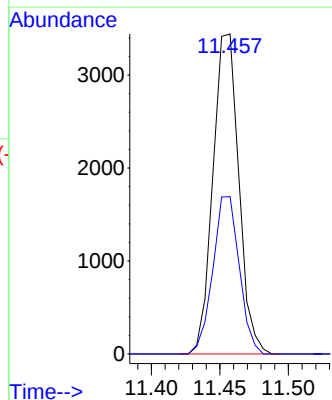
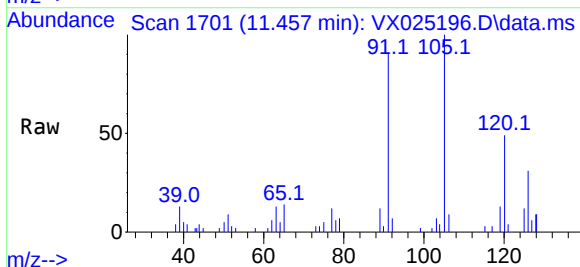
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#80
1,3,5-Trimethylbenzene
Concen: 1.005 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

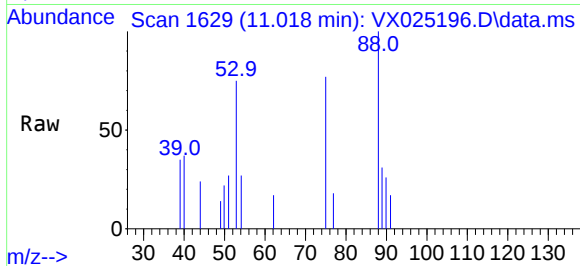
Tgt Ion:105 Resp: 4522
Ion Ratio Lower Upper
105 100
120 50.2 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 0.835 ug/l m
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

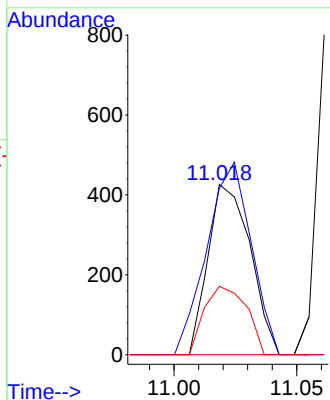
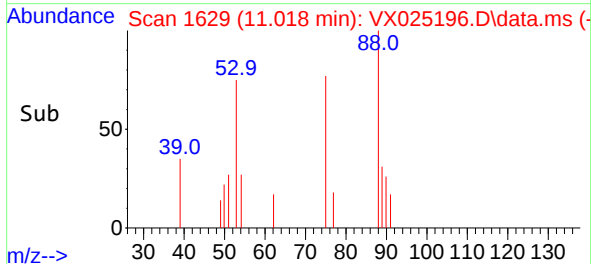
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2021



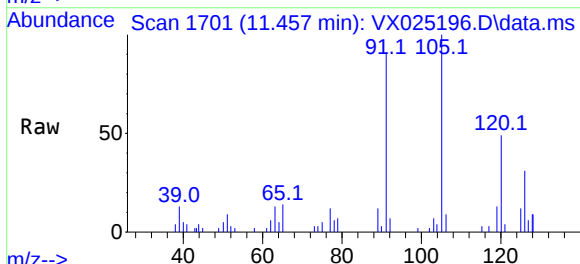
Tgt Ion: 75 Resp: 510
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9
89 0.0 38.2 57.2

Manual Integrations
APPROVED

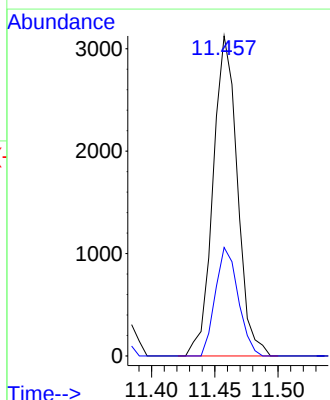
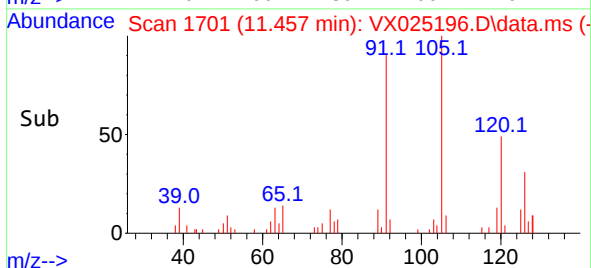
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#82
4-Chlorotoluene
Concen: 1.000 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58



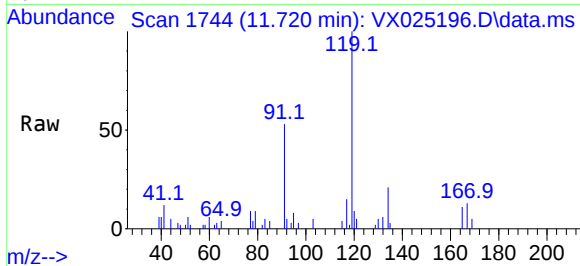
Tgt Ion: 91 Resp: 4178
Ion Ratio Lower Upper
91 100
126 31.8 14.9 44.5





#83
tert-Butylbenzene
Concen: 1.048 ug/l
RT: 11.720 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

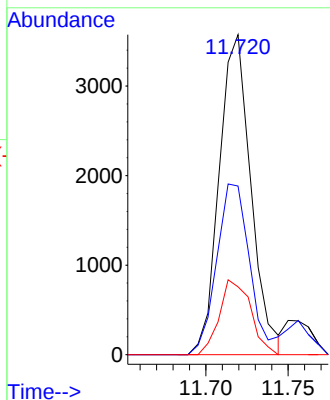
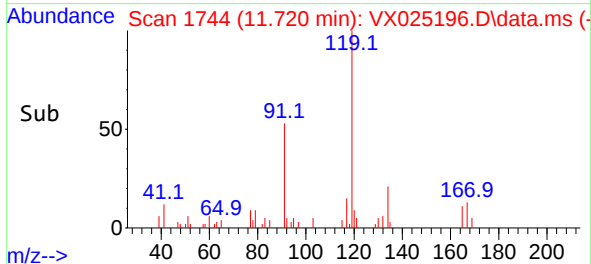
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2021



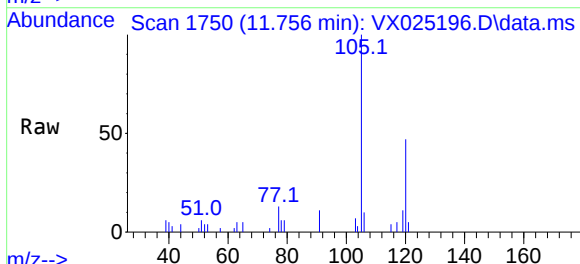
Tgt Ion:119 Resp: 4795
Ion Ratio Lower Upper
119 100
91 54.9 30.3 90.9
134 23.1 11.4 34.1

Manual Integrations
APPROVED

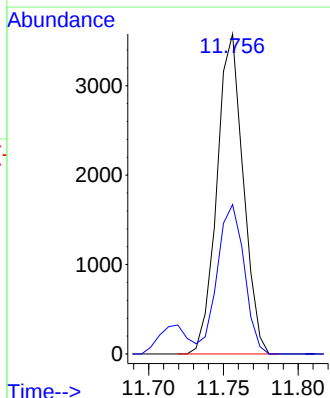
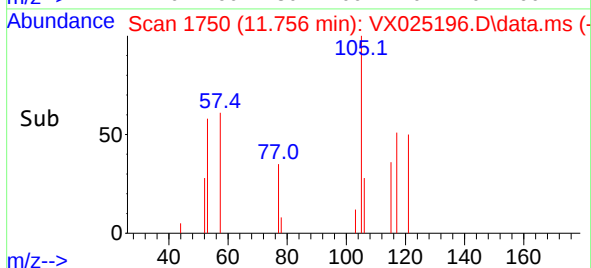
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

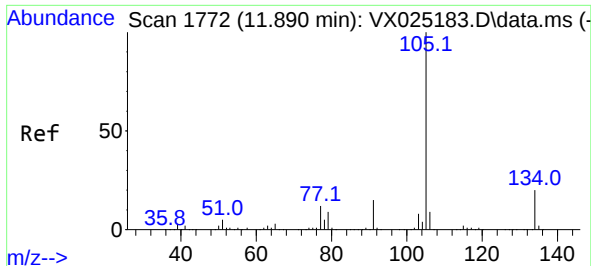


#84
1,2,4-Trimethylbenzene
Concen: 0.984 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58



Tgt Ion:105 Resp: 4376
Ion Ratio Lower Upper
105 100
120 47.7 22.1 66.3





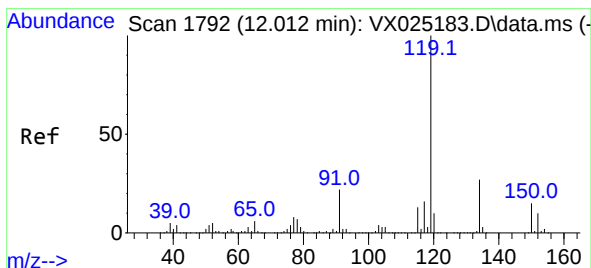
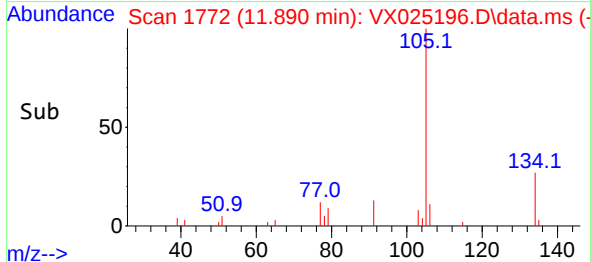
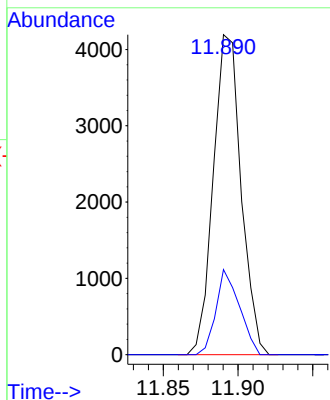
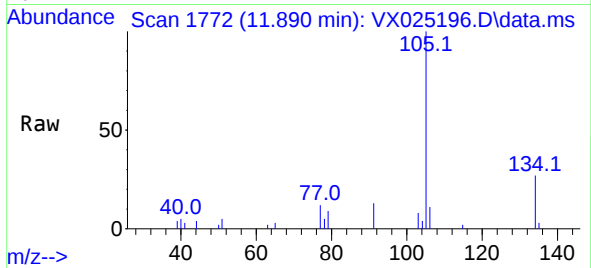
#85
 sec-Butylbenzene
 Concen: 0.975 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX025196.D
 Acq: 17 Nov 2021 18:58

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

Tgt Ion:105 Resp: 542
 Ion Ratio Lower Upper
 105 100
 134 22.4 10.2 30.4

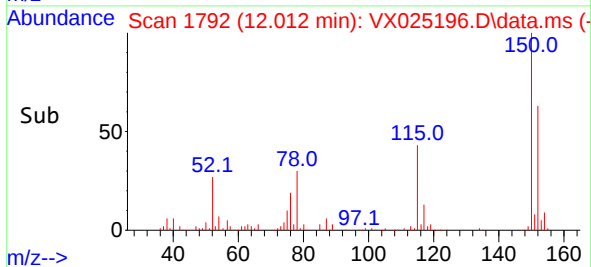
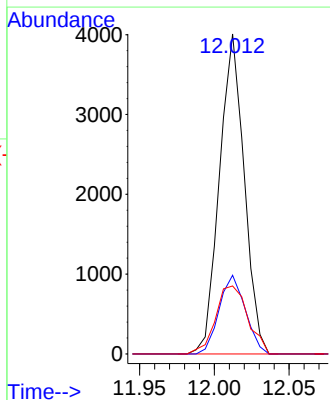
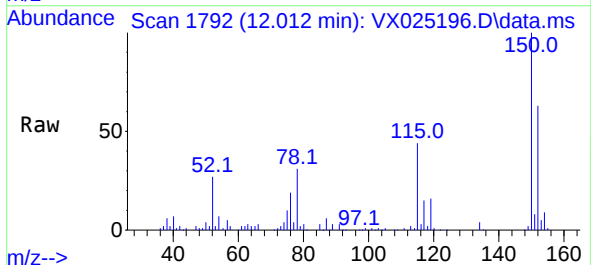
Manual Integrations
 APPROVED

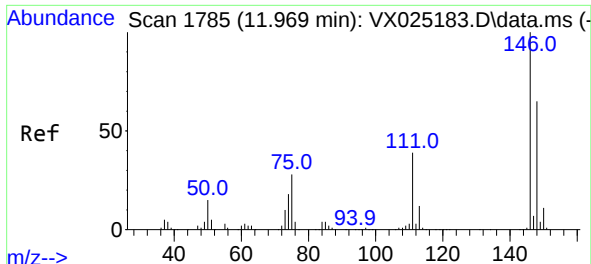
Reviewed By :John Carlone 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#86
 p-Isopropyltoluene
 Concen: 0.966 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX025196.D
 Acq: 17 Nov 2021 18:58

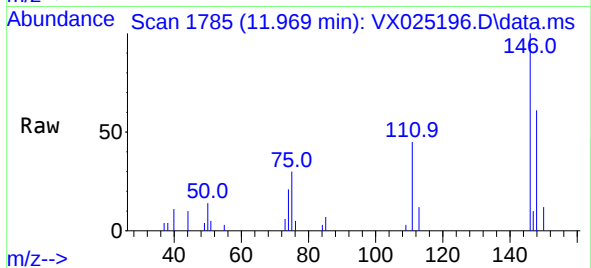
Tgt Ion:119 Resp: 4617
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.2 39.5
 91 27.6 12.4 37.0





#87
1,3-Dichlorobenzene
Concen: 0.989 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

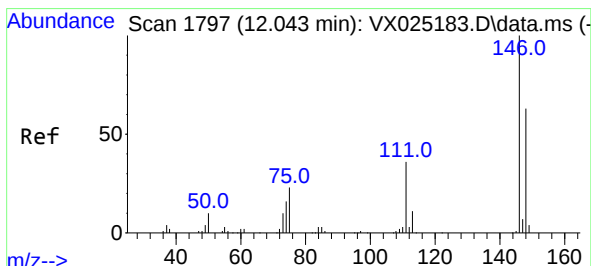
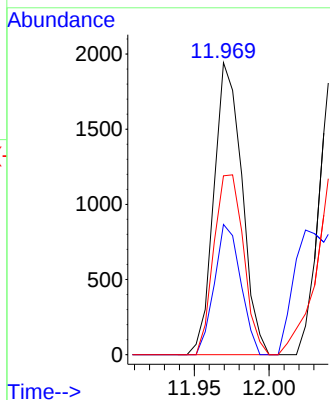
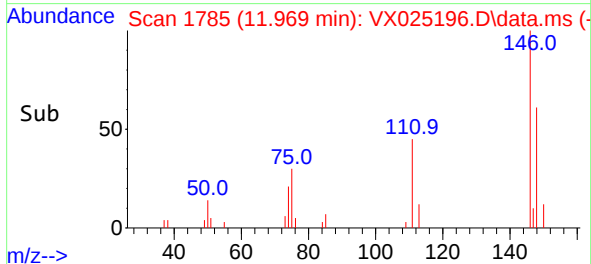
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2021



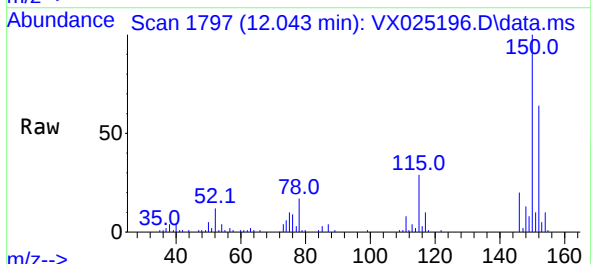
Tgt Ion:146 Resp: 253
Ion Ratio Lower Upper
146 100
111 41.8 20.6 61.9
148 65.2 32.0 96.2

Manual Integrations
APPROVED

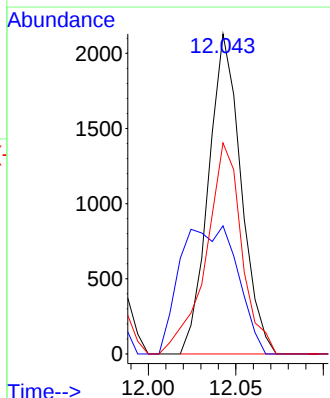
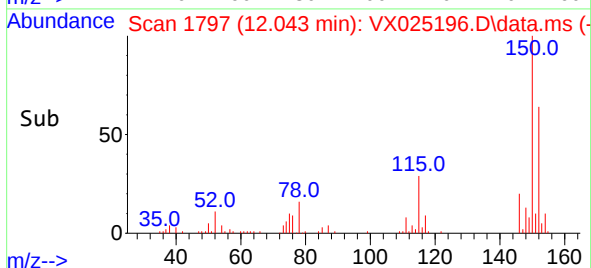
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#88
1,4-Dichlorobenzene
Concen: 1.060 ug/l m
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58



Tgt Ion:146 Resp: 2754
Ion Ratio Lower Upper
146 100
111 38.5 20.4 61.3
148 60.0 32.4 97.0





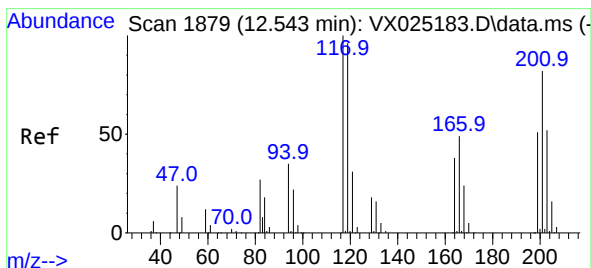
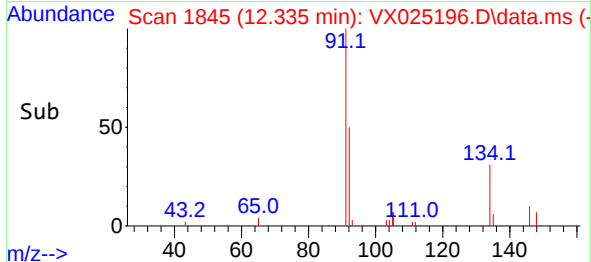
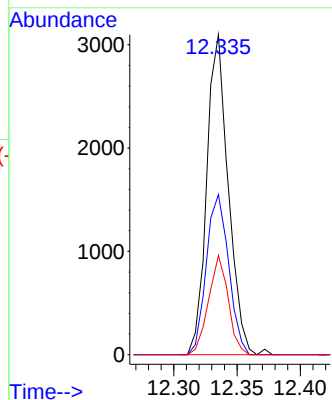
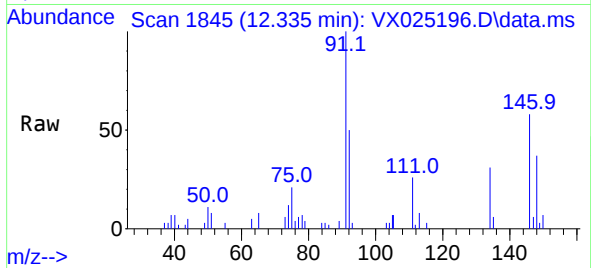
#89
n-Butylbenzene
Concen: 0.914 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

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

Tgt Ion: 91 Resp: 368
Ion Ratio Lower Upper
91 100
92 51.7 26.3 78.8
134 28.3 13.0 38.9

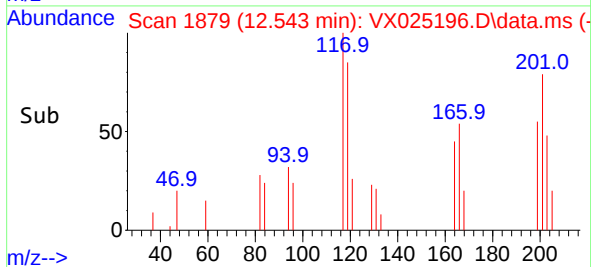
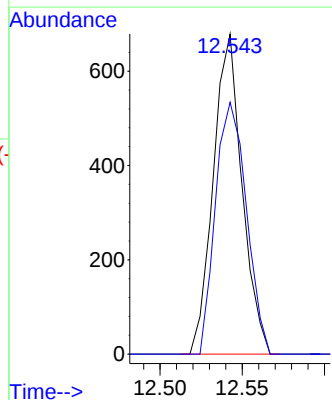
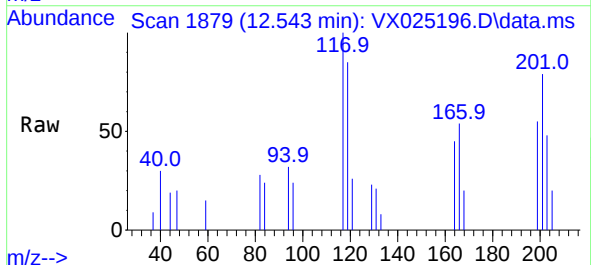
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#90
Hexachloroethane
Concen: 0.938 ug/l
RT: 12.543 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

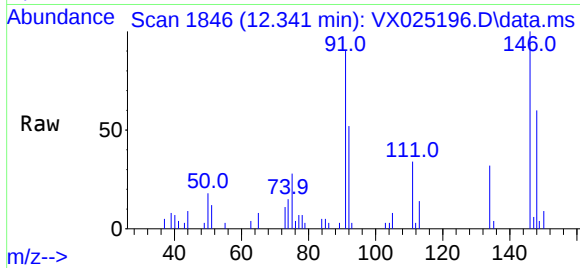
Tgt Ion:117 Resp: 826
Ion Ratio Lower Upper
117 100
201 84.5 38.9 116.6





#91
1,2-Dichlorobenzene
Concen: 1.031 ug/l
RT: 12.341 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

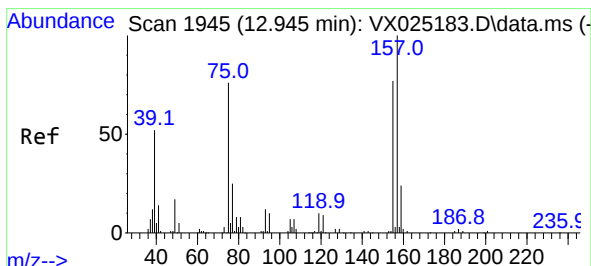
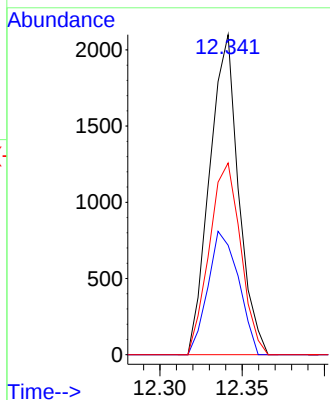
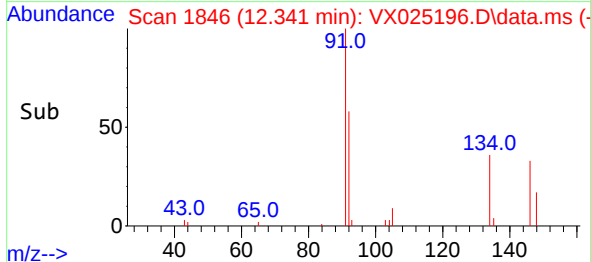
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2021



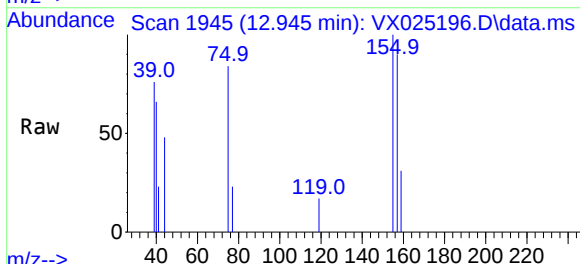
Tgt Ion:146 Resp: 257
Ion Ratio Lower Upper
146 100
111 40.7 21.2 63.6
148 64.9 32.1 96.5

Manual Integrations
APPROVED

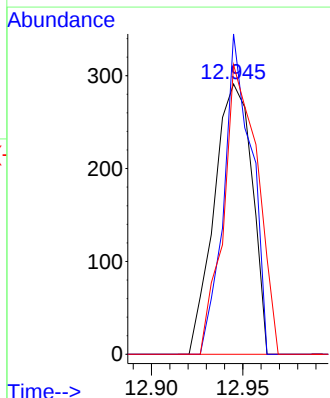
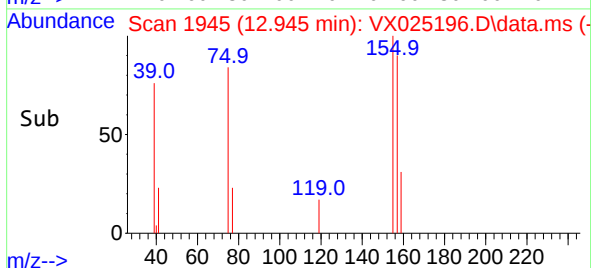
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.166 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58



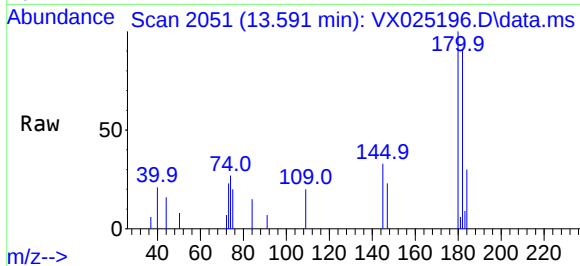
Tgt Ion: 75 Resp: 422
Ion Ratio Lower Upper
75 100
155 86.0 43.1 129.3
157 95.7 53.6 160.9





#93
1,2,4-Trichlorobenzene
Concen: 0.806 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

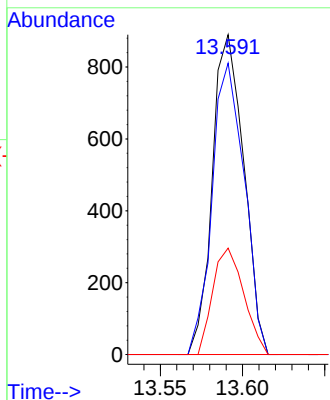
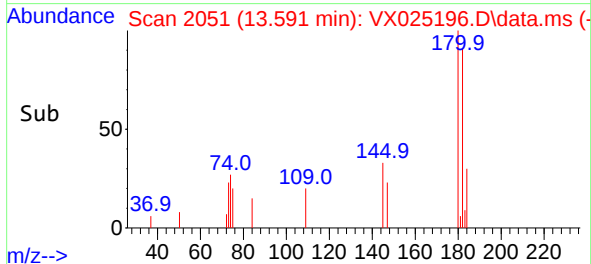
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2021



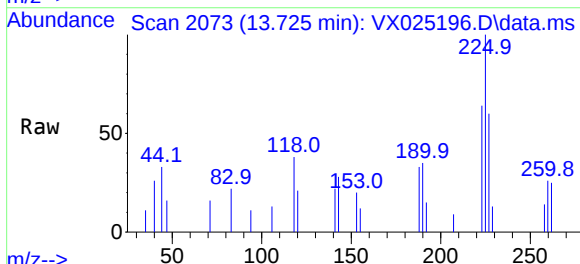
Tgt Ion:180 Resp: 1180
Ion Ratio Lower Upper
180 100
182 93.2 47.3 141.8
145 32.8 16.1 48.3

Manual Integrations
APPROVED

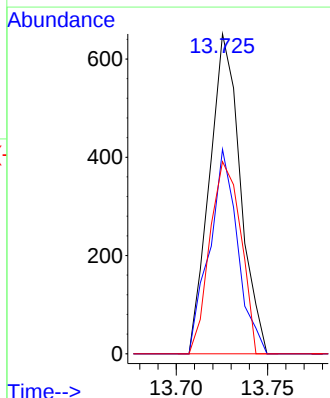
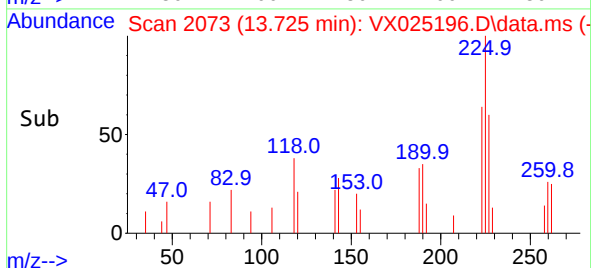
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

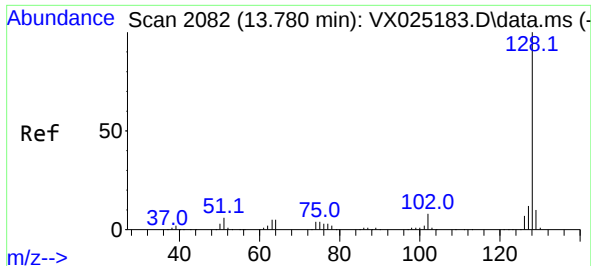


#94
Hexachlorobutadiene
Concen: 1.081 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58



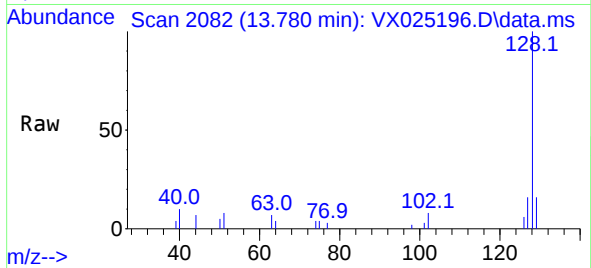
Tgt Ion:225 Resp: 763
Ion Ratio Lower Upper
225 100
223 58.7 30.9 92.7
227 60.4 31.1 93.5





#95
Naphthalene
Concen: 0.663 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58

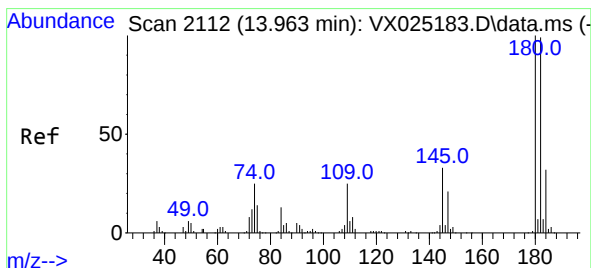
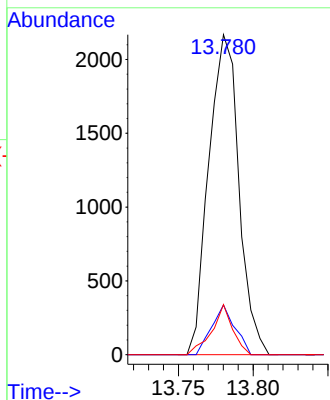
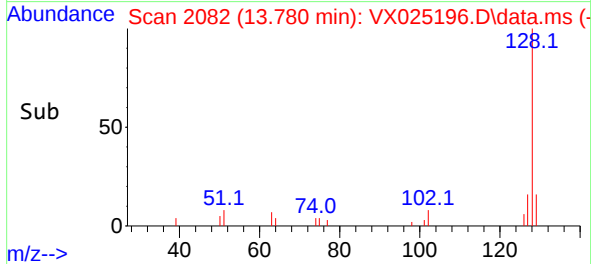
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2021



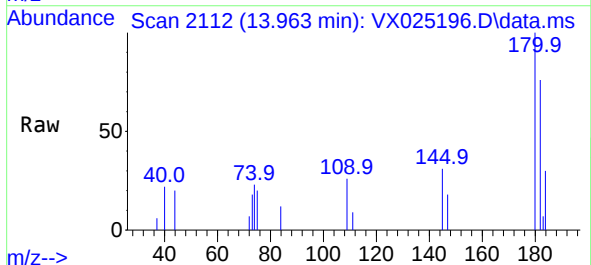
Tgt Ion:128 Resp: 3030
Ion Ratio Lower Upper
128 100
127 12.0 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#96
1,2,3-Trichlorobenzene
Concen: 0.854 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX025196.D
Acq: 17 Nov 2021 18:58



Tgt Ion:180 Resp: 1228
Ion Ratio Lower Upper
180 100
182 86.9 47.4 142.3
145 27.5 16.8 50.3

