

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032122\
 Data File : VU047628.D
 Acq On : 21 Mar 2022 13:12
 Operator : SY/MD
 Sample : N1645-09 0.25PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT1-2022

Quant Time: Mar 22 01:48:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U031822DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Mar 18 13:19:37 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/22/2022
 Supervised By : Mahesh Dadoda 04/01/2022

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

Internal Standards						
1) Fluorobenzene	6.118	96	28962	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.635	95	9445	0.875	ug/l	0.00
Spiked Amount 1.000			Recovery	=	87.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	11753	0.898	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	2270	0.217	ug/l	98
3) Chloromethane	1.527	50	2722	0.266	ug/l	95
4) Vinyl Chloride	1.607	62	2365	0.238	ug/l	96
5) Bromomethane	1.864	94	1227	0.211	ug/l	95
6) Chloroethane	1.938	64	1581	0.267	ug/l	97
7) Trichlorofluoromethane	2.144	101	3024	0.220	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	1699	0.217	ug/l	89
9) 1,1-Dichloroethene	2.584	96	1832	0.237	ug/l	96
10) Iodomethane	2.729	142	762	1.295	ug/l	# 74
11) Allyl Chloride	2.928	41	2591	0.266	ug/l	94
12) Acrylonitrile	3.337	53	806	0.472	ug/l	96
13) Acetone	2.652	43	2265	1.948	ug/l	95
14) Carbon Disulfide	2.800	76	5910	0.241	ug/l	99
15) Methylene Chloride	3.051	84	5450	0.037	ug/l	98
16) trans-1,2-Dichloroethene	3.356	96	1958	0.240	ug/l	98
17) 1,1-Dichloroethane	3.877	63	3255	0.235	ug/l	# 92
18) 2-Butanone	4.735	43	1882	1.039	ug/l	77
19) Cyclohexane	5.398	56	2232m	0.215	ug/l	
20) Methylcyclohexane	6.767	83	2462	0.207	ug/l	92
21) 2,2-Dichloropropane	4.671	77	2802	0.231	ug/l	98
22) cis-1,2-Dichloroethene	4.674	96	1909	0.216	ug/l	95
23) Diethyl Ether	2.385	59	1265	0.224	ug/l	# 78
24) tert-Butyl Alcohol	3.243	59	902m	2.311	ug/l	
25) Methyl tert-Butyl Ether	3.369	73	4425	0.235	ug/l	# 80
26) Bromochloromethane	4.980	128	996	0.223	ug/l	78
27) Chloroform	5.096	83	3731	0.250	ug/l	91
28) 1,1,1-Trichloroethane	5.321	97	3050	0.235	ug/l	94
29) 1,1-Dichloropropene	5.530	75	2316	0.220	ug/l	99
30) Carbon Tetrachloride	5.530	117	2555	0.221	ug/l	95
31) Isopropyl Ether	4.005	45	4013	0.219	ug/l	86
32) Ethyl-t-butyl ether	4.514	59	3886	0.210	ug/l	# 70
33) Tert-Amyl methyl ether	5.951	73	3667	0.211	ug/l	98
34) Propionitrile	4.822	54	388m	0.406	ug/l	
35) Benzene	5.777	78	7336	0.233	ug/l	100
36) 1,2-Dichloroethane	5.803	62	2045	0.215	ug/l	# 75
37) Trichloroethene	6.546	130	2257	0.248	ug/l	90
38) 1,2-Dichloropropane	6.800	63	1697	0.209	ug/l	99
39) Methacrylonitrile	4.993	41	430	0.190	ug/l	# 73
40) Methyl acrylate	4.867	55	654	0.171	ug/l	# 73
41) Tetrahydrofuran	5.083	42	554	0.481	ug/l	# 71
42) 1-Chlorobutane	5.465	56	2846	0.210	ug/l	100
43) Dibromomethane	6.925	93	1025	0.211	ug/l	# 82
44) Bromodichloromethane	7.111	83	2632	0.234	ug/l	# 93

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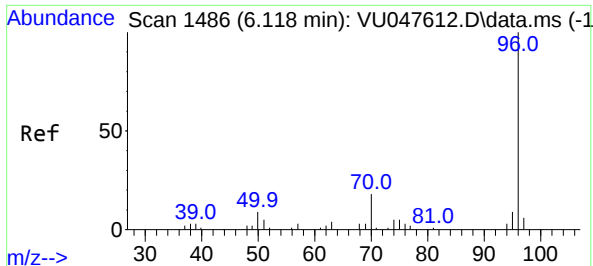
Quant Time: Mar 22 01:48:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U031822DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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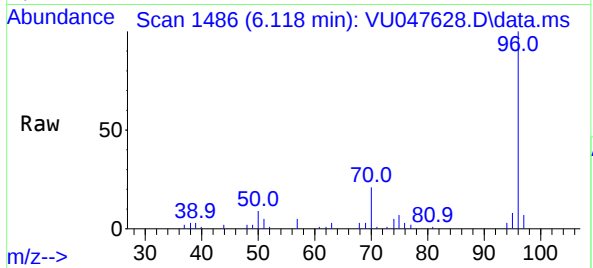
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.803	43	5396	1.112	ug/l	96
46) t-1,4-Dichloro-2-butene	10.835	75	1143m	0.542	ug/l	
47) Methyl methacrylate	6.973	69	1451	0.369	ug/l	92
48) Ethyl methacrylate	8.340	69	1449	0.196	ug/l	92
49) Toluene	7.973	92	4113	0.213	ug/l	92
50) t-1,3-Dichloropropene	8.214	75	2304	0.221	ug/l #	55
51) cis-1,3-Dichloropropene	7.613	75	2474	0.215	ug/l	90
52) 1,1,2-Trichloroethane	8.407	97	1496	0.221	ug/l	96
53) 1,3-Dichloropropane	8.578	76	2442	0.222	ug/l	90
54) 2-Hexanone	8.697	43	3945	1.113	ug/l	94
55) Dibromochloromethane	8.812	129	1812	0.212	ug/l	96
56) 1,2-Dibromoethane	8.928	107	1317	0.196	ug/l	88
58) Tetrachloroethene	8.555	164	1841	0.220	ug/l	90
59) Chlorobenzene	9.449	112	4942	0.219	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.536	131	1856	0.212	ug/l	95
61) Pentachloroethane	11.430	117	1648	0.223	ug/l	87
62) Hexachloroethane	12.478	117	1435	0.195	ug/l #	69
63) Ethyl Benzene	9.574	91	6943	0.197	ug/l	98
64) m/p-Xylenes	9.697	106	5063	0.362	ug/l	95
65) o-Xylene	10.105	106	2538	0.192	ug/l	98
66) Styrene	10.118	104	3975	0.174	ug/l	95
67) Bromoform	10.291	173	1136	0.200	ug/l #	89
69) Isopropylbenzene	10.484	105	6223	0.177	ug/l	92
70) 1,1,2,2-Tetrachloroethane	10.783	83	1826	0.203	ug/l	87
71) 1,2,3-Trichloropropane	10.828	75	1352m	0.190	ug/l	
72) Bromobenzene	10.787	156	2276	0.216	ug/l	84
73) n-propylbenzene	10.909	120	1823	0.179	ug/l	94
74) 2-Chlorotoluene	10.989	126	1786	0.191	ug/l	84
75) 1,3,5-Trimethylbenzene	11.089	105	5231	0.494	ug/l	100
76) 4-Chlorotoluene	11.098	126	1907	0.192	ug/l	76
77) tert-Butylbenzene	11.426	119	5893	0.193	ug/l	90
78) 1,2,4-Trimethylbenzene	11.468	105	5446	0.494	ug/l	95
79) sec-Butylbenzene	11.645	105	7248	0.182	ug/l	96
80) Nitrobenzene	13.217	77	376	1.023	ug/l #	49
81) p-Isopropyltoluene	11.796	119	5649	0.563	ug/l	96
82) 1,3-Dichlorobenzene	11.748	146	4704m	0.226	ug/l	
83) 1,4-Dichlorobenzene	11.838	146	4605	0.220	ug/l	95
84) n-Butylbenzene	12.211	91	6418	0.616	ug/l	93
85) 1,2-Dichlorobenzene	12.214	146	4285	0.215	ug/l	95
86) 1,2-Dibromo-3-Chloropr...	13.002	75	285	0.188	ug/l #	79
87) 1,2,4-Trichlorobenzene	13.844	180	3520	0.247	ug/l #	95
88) Hexachlorobutadiene	14.021	225	2106	0.246	ug/l	96
89) Naphthalene	14.092	128	6885	0.284	ug/l	96
90) 1,2,3-Trichlorobenzene	14.333	180	3547	0.264	ug/l	96

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU047628.D
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Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2022

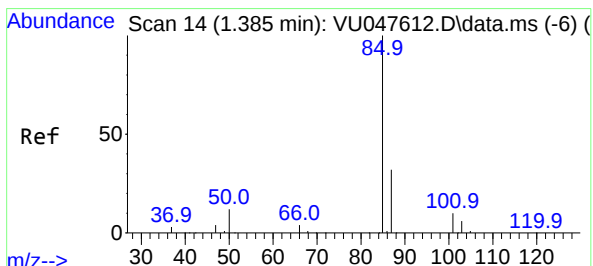
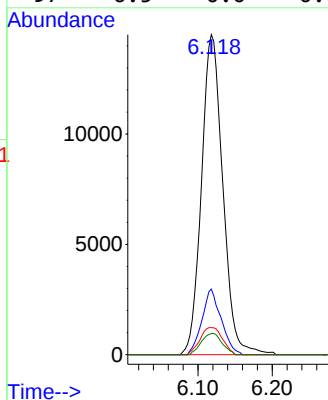
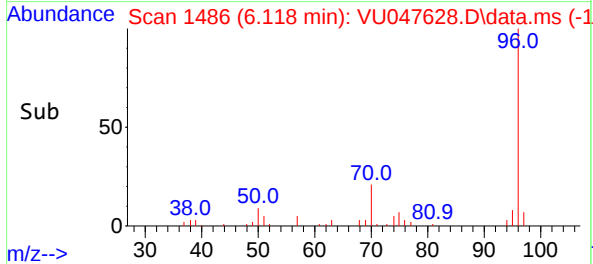


Tgt Ion: 96 Resp: 2896

Ion	Ratio	Lower	Upper
96	100		
70	18.4	16.8	25.2
95	8.9	7.3	10.9
97	6.5	0.0	0.0#

Manual Integrations
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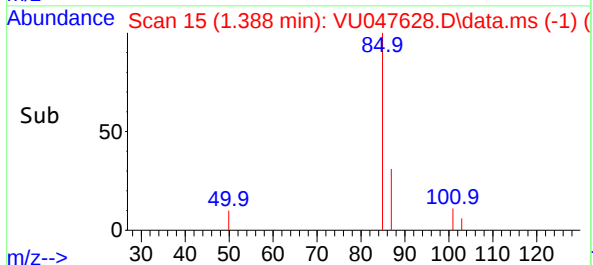
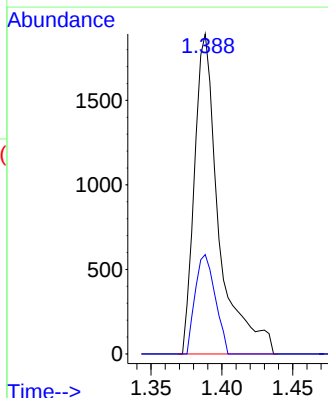
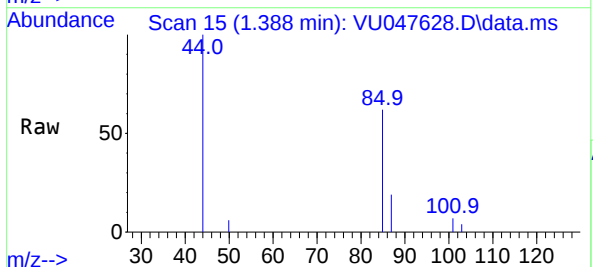
Reviewed By :John Carlone 03/22/2022
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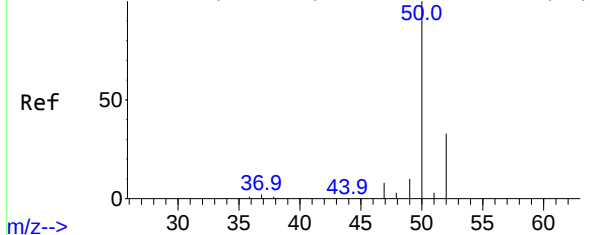
#2
Dichlorodifluoromethane
Concen: 0.217 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.003 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12

Tgt Ion: 85 Resp: 2270

Ion	Ratio	Lower	Upper
85	100		
87	31.1	16.2	48.6



Abundance Scan 58 (1.527 min): VU047612.D\data.ms (-48)



#3

Chloromethane

Concen: 0.266 ug/l

RT: 1.527 min Scan# 58

Delta R.T. -0.000 min

Lab File: VU047628.D

Acq: 21 Mar 2022 13:12

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2022

Tgt Ion: 50 Resp: 272

Ion Ratio Lower Upper

50 100

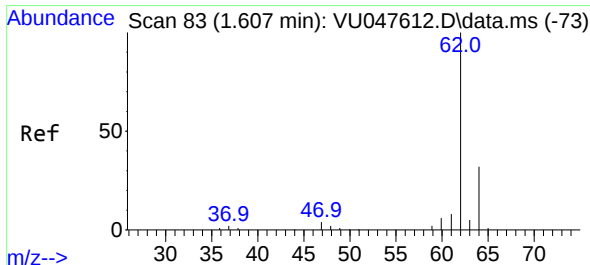
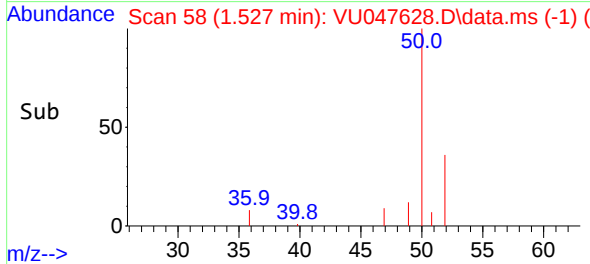
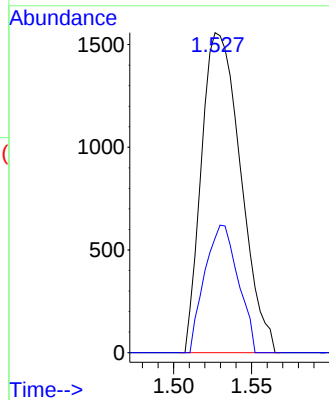
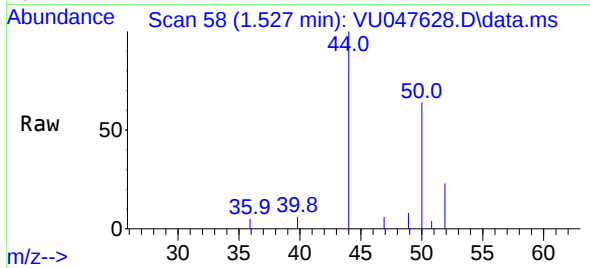
52 35.8 26.2 39.4

Manual Integrations

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Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 04/01/2022



#4

Vinyl Chloride

Concen: 0.238 ug/l

RT: 1.607 min Scan# 83

Delta R.T. -0.000 min

Lab File: VU047628.D

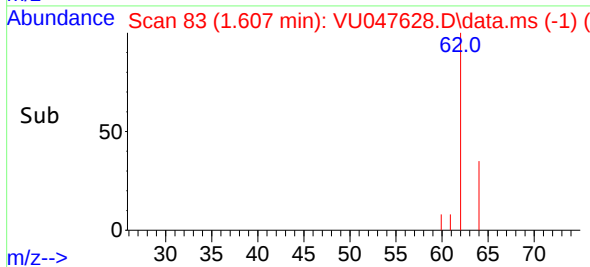
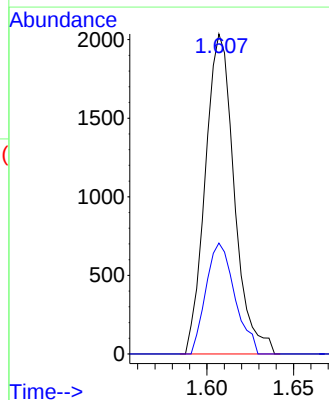
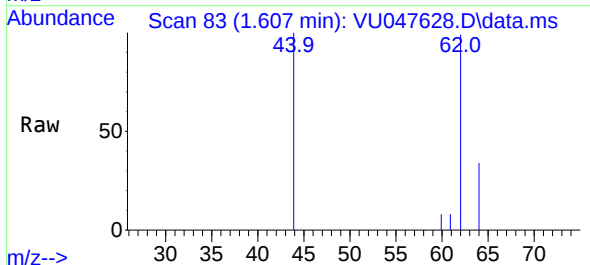
Acq: 21 Mar 2022 13:12

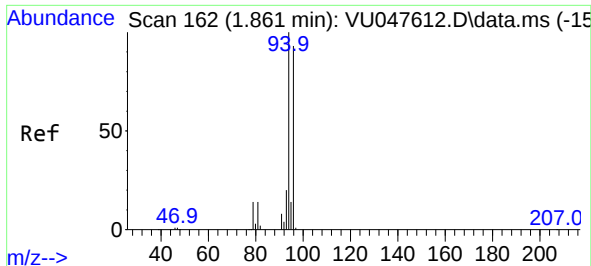
Tgt Ion: 62 Resp: 2365

Ion Ratio Lower Upper

62 100

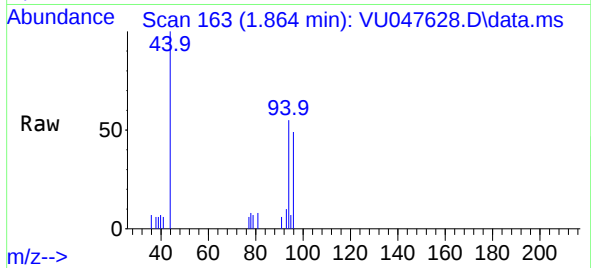
64 34.7 26.0 39.0





#5
Bromomethane
Concen: 0.211 ug/l
RT: 1.864 min Scan# 162
Delta R.T. 0.003 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12

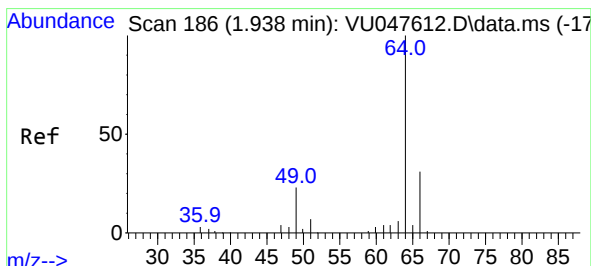
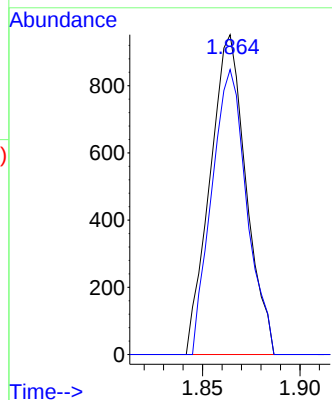
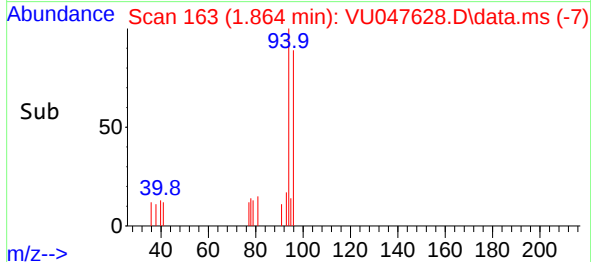
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2022



Tgt Ion: 94 Resp: 122
Ion Ratio Lower Upper
94 100
96 89.1 75.0 112.4

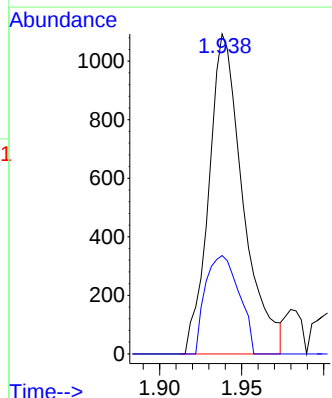
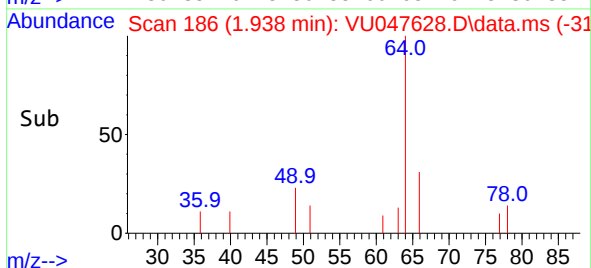
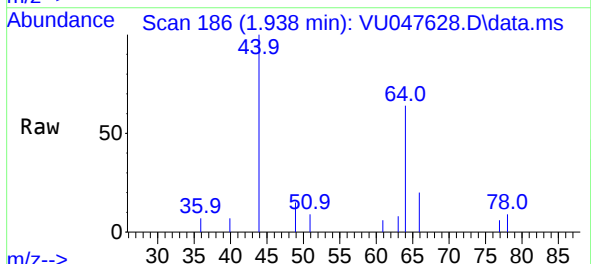
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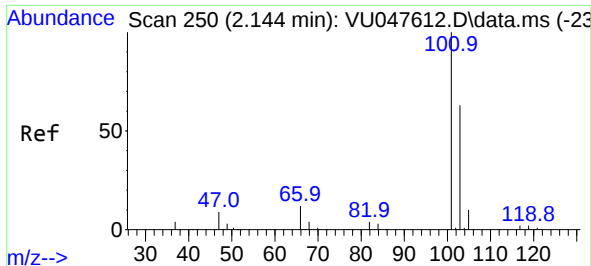
Reviewed By :John Carlone 03/22/2022
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#6
Chloroethane
Concen: 0.267 ug/l
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12

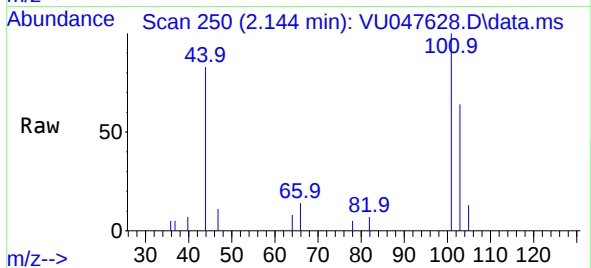
Tgt Ion: 64 Resp: 1581
Ion Ratio Lower Upper
64 100
66 30.7 25.8 38.8





#7
 Trichlorofluoromethane
 Concen: 0.220 ug/l
 RT: 2.144 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VU047628.D
 Acq: 21 Mar 2022 13:12

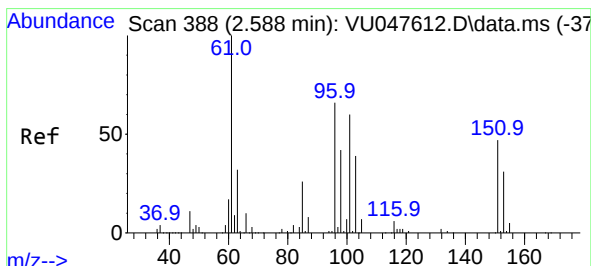
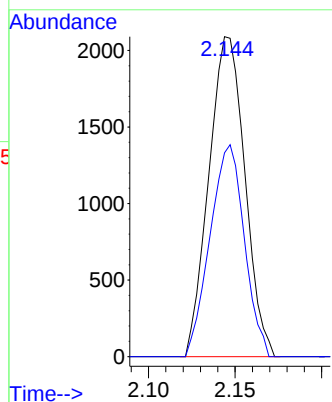
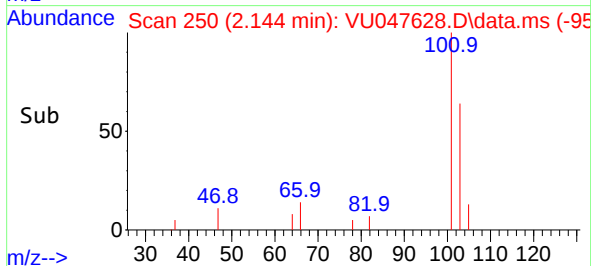
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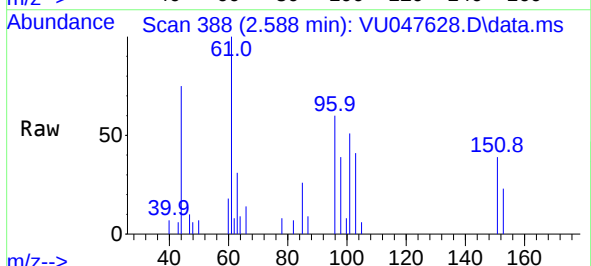
Tgt Ion:101 Resp: 3024
 Ion Ratio Lower Upper
 101 100
 103 63.7 52.2 78.2

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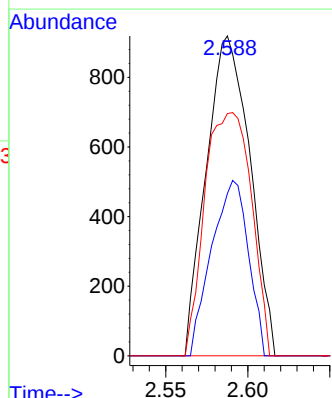
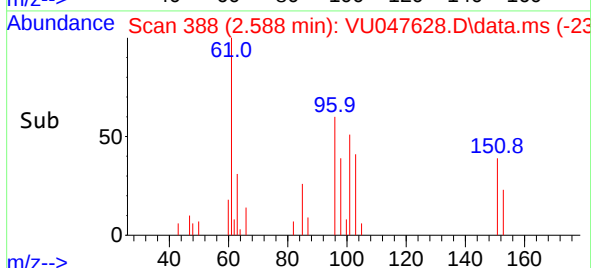
Reviewed By :John Carlone 03/22/2022
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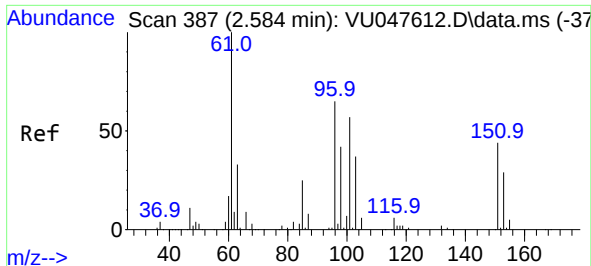


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.217 ug/l
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU047628.D
 Acq: 21 Mar 2022 13:12



Tgt Ion:101 Resp: 1699
 Ion Ratio Lower Upper
 101 100
 85 46.2 35.8 53.6
 151 81.1 54.6 81.8





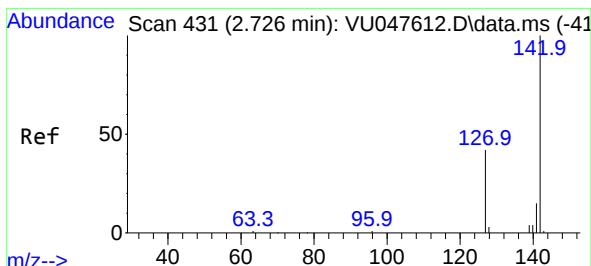
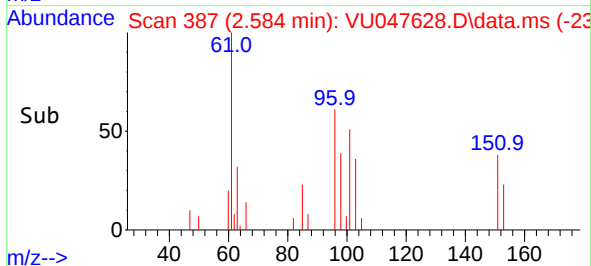
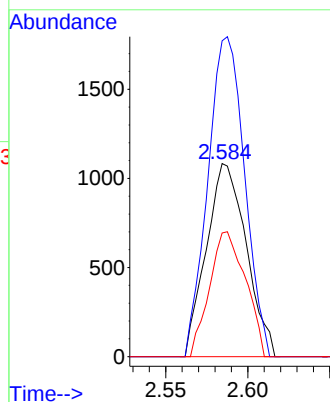
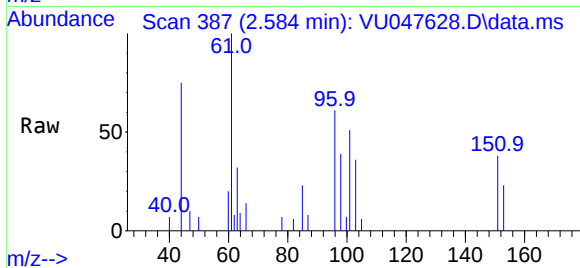
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1,1-Dichloroethene
Concen: 0.237 ug/l
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12

Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2022

Tgt Ion: 96 Resp: 183
Ion Ratio Lower Upper
96 100
61 163.6 0.0 514.2
98 64.1 0.0 126.4

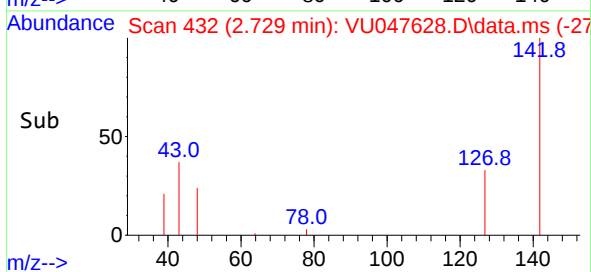
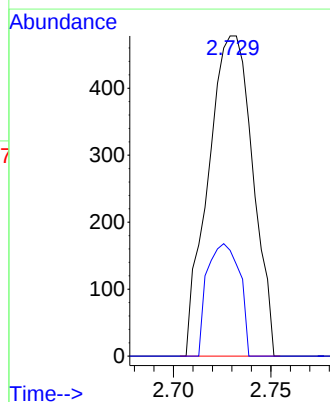
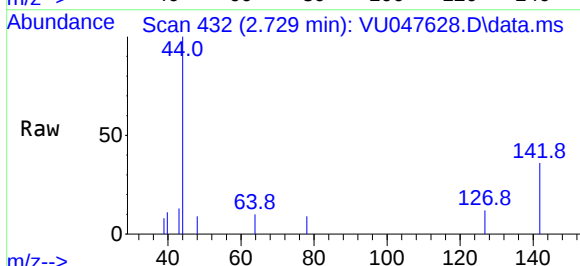
Manual Integrations
APPROVED

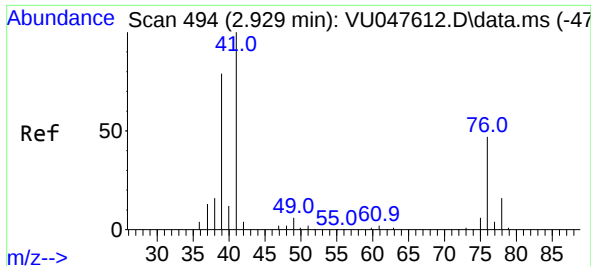
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#10
Iodomethane
Concen: 1.295 ug/l
RT: 2.729 min Scan# 432
Delta R.T. 0.003 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12

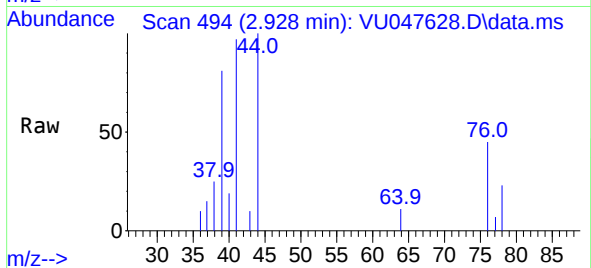
Tgt Ion:142 Resp: 762
Ion Ratio Lower Upper
142 100
127 25.3 33.2 49.8#





#11
 Allyl Chloride
 Concen: 0.266 ug/l
 RT: 2.928 min Scan# 494
 Delta R.T. -0.000 min
 Lab File: VU047628.D
 Acq: 21 Mar 2022 13:12

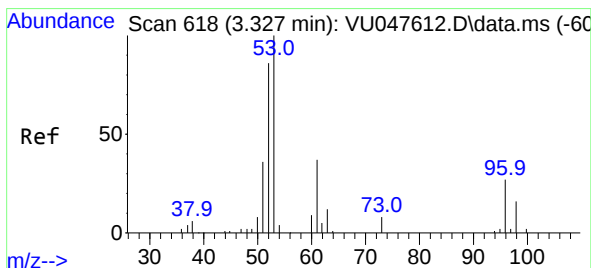
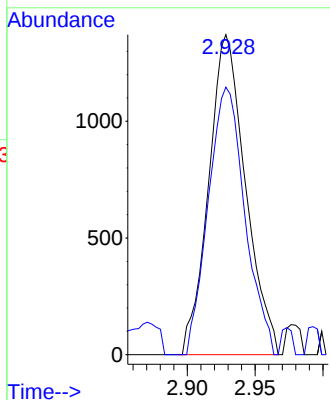
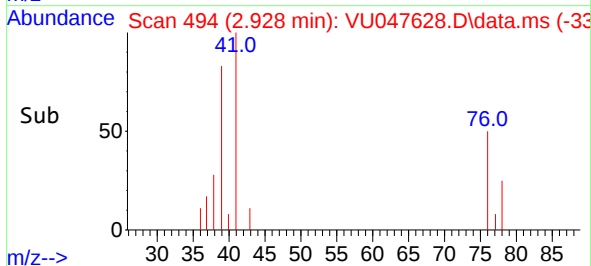
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT1-2022



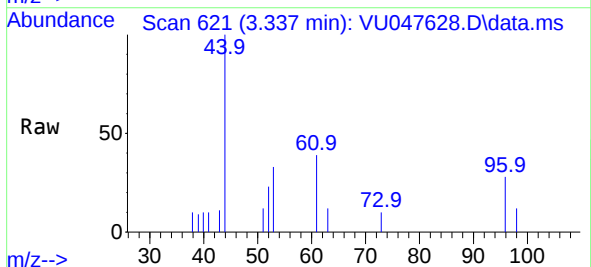
Tgt Ion: 41 Resp: 259
 Ion Ratio Lower Upper
 41 100
 39 83.0 62.4 93.6

Manual Integrations
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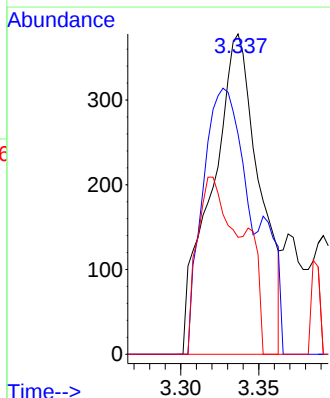
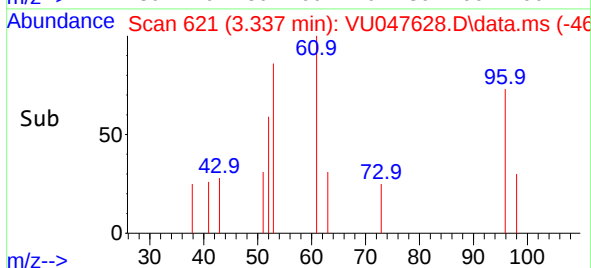
Reviewed By :John Carlone 03/22/2022
 Supervised By :Mahesh Dadoda 04/01/2022

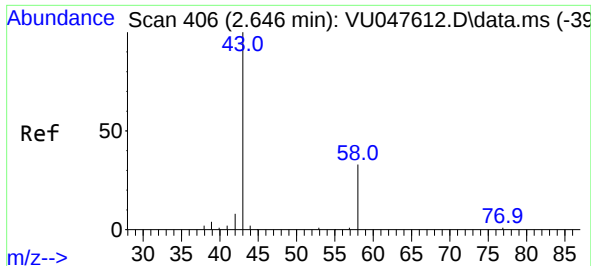


#12
 Acrylonitrile
 Concen: 0.472 ug/l
 RT: 3.337 min Scan# 621
 Delta R.T. 0.010 min
 Lab File: VU047628.D
 Acq: 21 Mar 2022 13:12



Tgt Ion: 53 Resp: 806
 Ion Ratio Lower Upper
 53 100
 52 75.2 56.7 85.1
 51 39.2 30.3 45.5





#13

Acetone

Concen: 1.948 ug/l

RT: 2.652 min Scan# 408

Delta R.T. 0.006 min

Lab File: VU047628.D

Acq: 21 Mar 2022 13:12

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2022

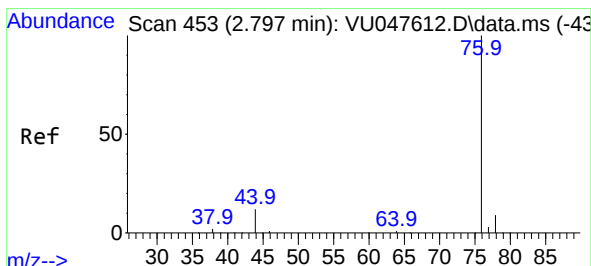
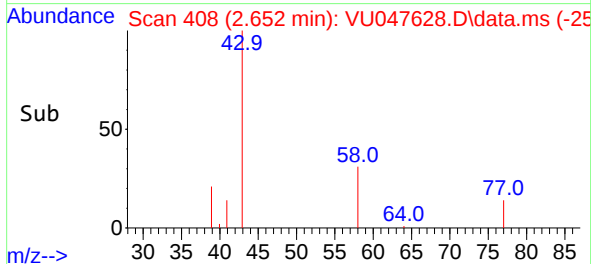
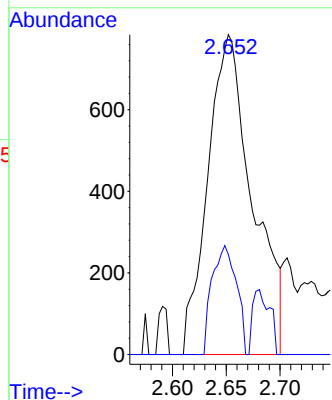
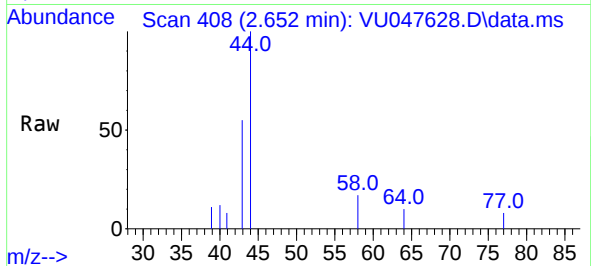
Tgt Ion: 43 Resp: 226
 Ion Ratio Lower Upper
 43 100
 58 31.3 27.1 40.7

Manual Integrations

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Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 04/01/2022



#14

Carbon Disulfide

Concen: 0.241 ug/l

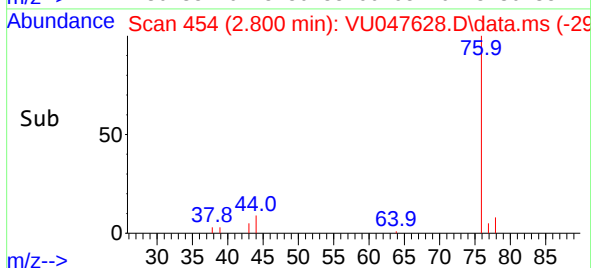
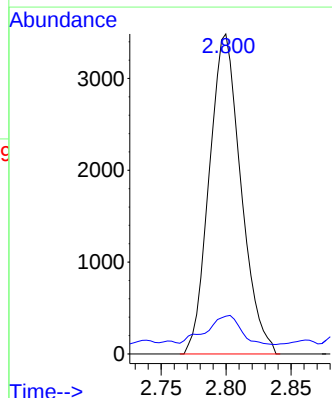
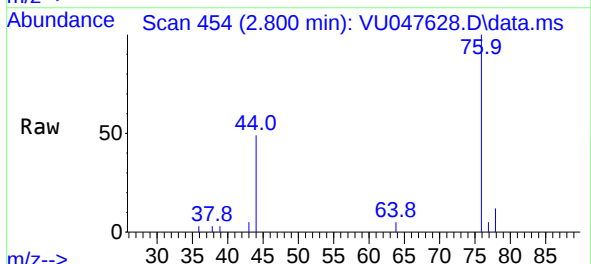
RT: 2.800 min Scan# 454

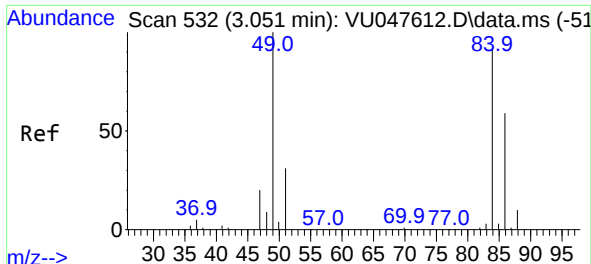
Delta R.T. 0.003 min

Lab File: VU047628.D

Acq: 21 Mar 2022 13:12

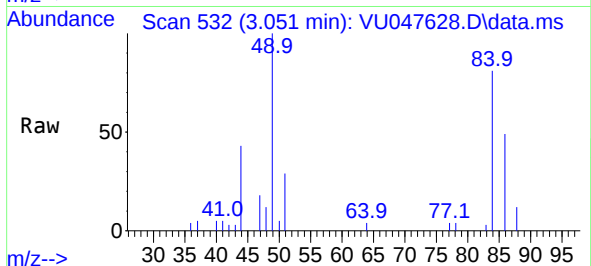
Tgt Ion: 76 Resp: 5910
 Ion Ratio Lower Upper
 76 100
 78 8.6 7.1 10.7





#15
Methylene Chloride
Concen: 0.037 ug/l
RT: 3.051 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12

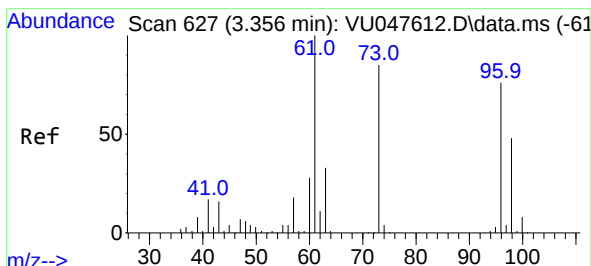
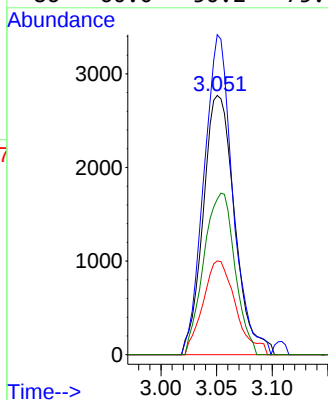
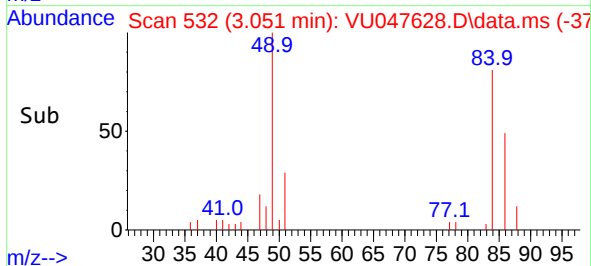
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2022



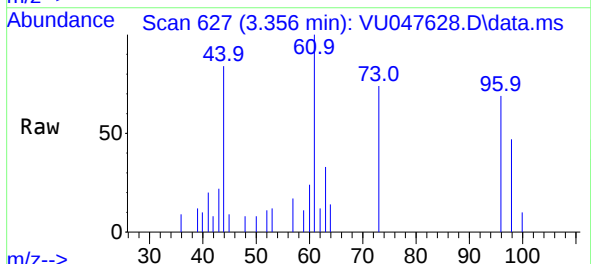
Tgt Ion: 84 Resp: 5450
Ion Ratio Lower Upper
84 100
49 123.5 97.2 145.8
51 36.2 0.0 73.4
86 60.0 50.2 75.4

Manual Integrations
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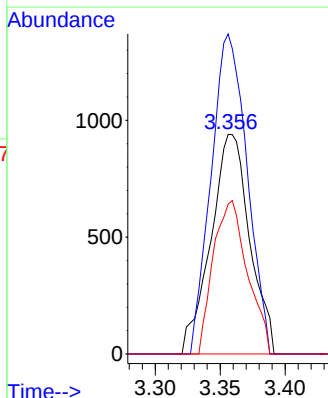
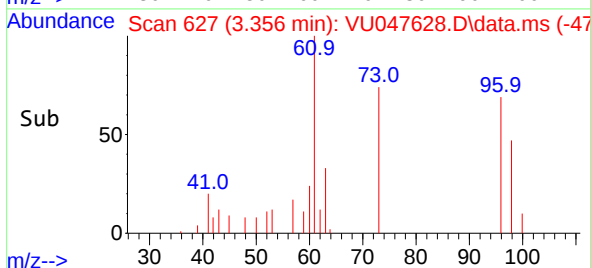
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

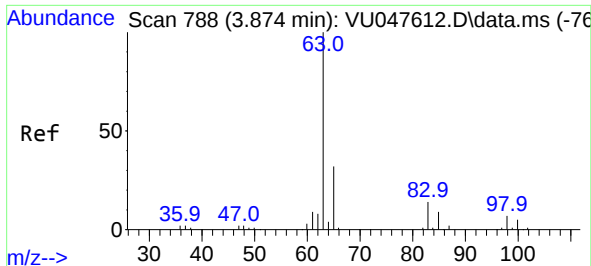


#16
trans-1,2-Dichloroethene
Concen: 0.240 ug/l
RT: 3.356 min Scan# 627
Delta R.T. -0.000 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12



Tgt Ion: 96 Resp: 1958
Ion Ratio Lower Upper
96 100
61 145.7 115.8 173.6
98 68.2 51.1 76.7





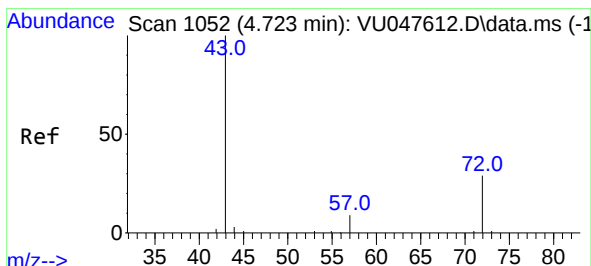
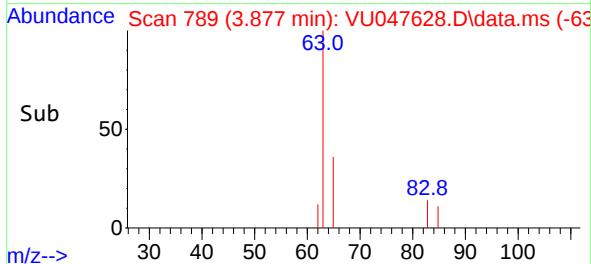
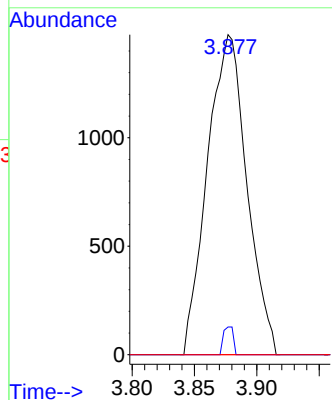
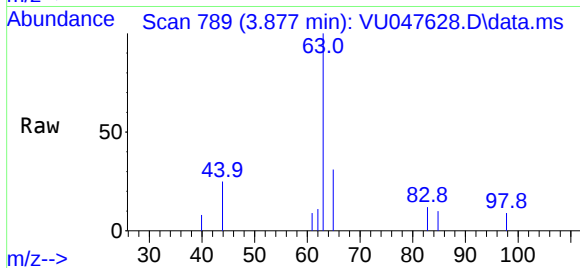
#17
1,1-Dichloroethane
Concen: 0.235 ug/l
RT: 3.877 min Scan# 788
Delta R.T. 0.003 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2022

Tgt Ion: 63 Resp: 325
Ion Ratio Lower Upper
63 100
98 8.7 3.6 10.8
100 0.0 2.1 6.5

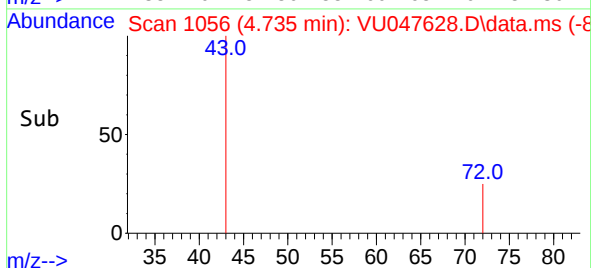
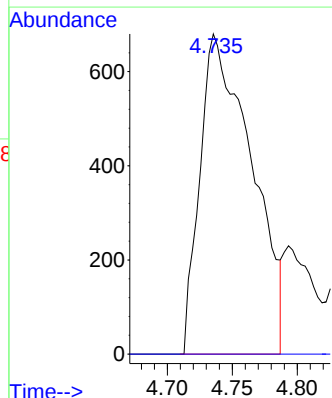
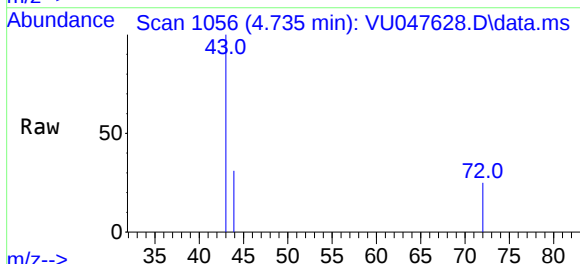
Manual Integrations
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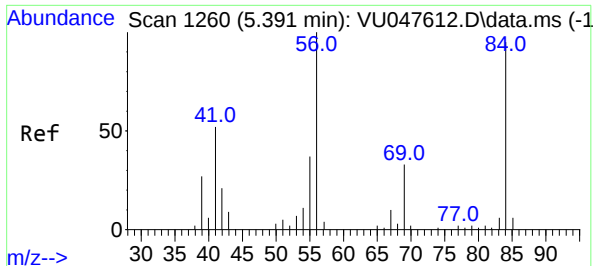
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#18
2-Butanone
Concen: 1.039 ug/l
RT: 4.735 min Scan# 1056
Delta R.T. 0.013 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12

Tgt Ion: 43 Resp: 1882
Ion Ratio Lower Upper
43 100
57 0.0 0.0 16.6





#19

Cyclohexane

Concen: 0.215 ug/l m

RT: 5.398 min Scan# 11

Delta R.T. 0.006 min

Lab File: VU047628.D

Acq: 21 Mar 2022 13:12

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2022

Tgt Ion: 56 Resp: 223

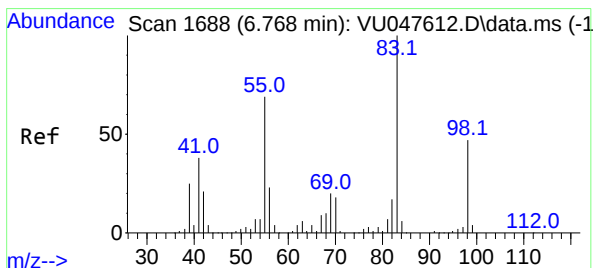
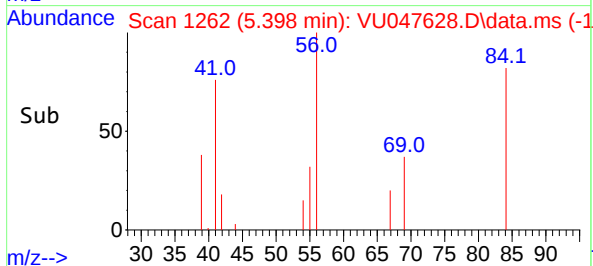
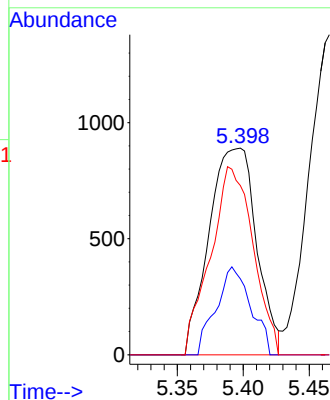
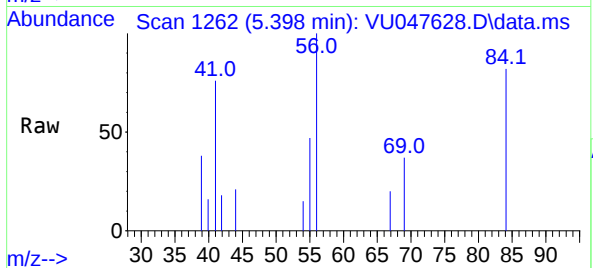
Ion	Ratio	Lower	Upper
56	100		
69	31.0	24.7	37.1
84	81.5	68.8	103.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 04/01/2022



#20

Methylcyclohexane

Concen: 0.207 ug/l

RT: 6.767 min Scan# 1688

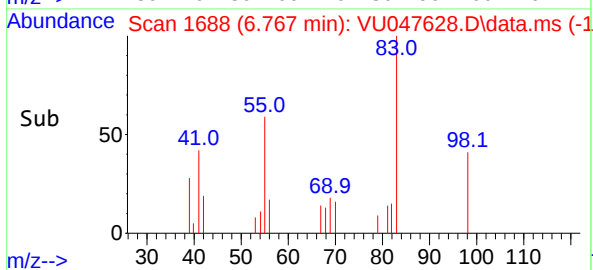
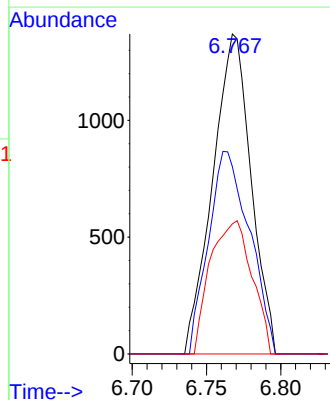
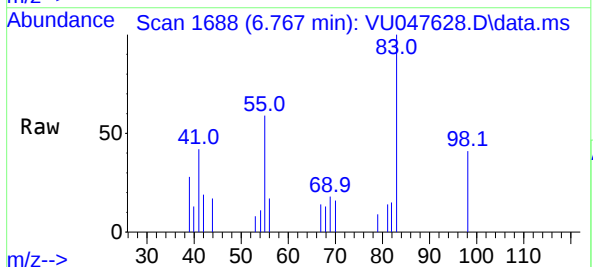
Delta R.T. -0.000 min

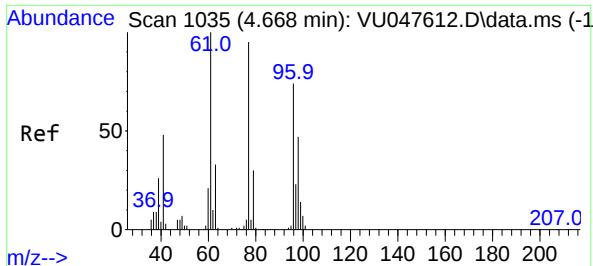
Lab File: VU047628.D

Acq: 21 Mar 2022 13:12

Tgt Ion: 83 Resp: 2462

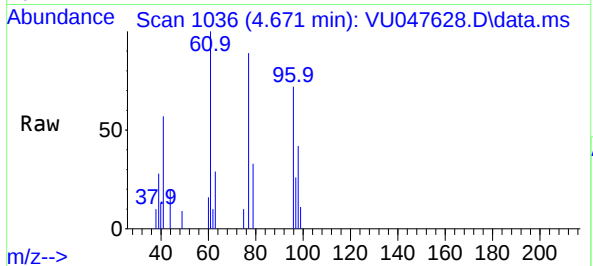
Ion	Ratio	Lower	Upper
83	100		
55	67.7	61.9	92.9
98	45.3	37.4	56.2





#21
2,2-Dichloropropane
Concen: 0.231 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12

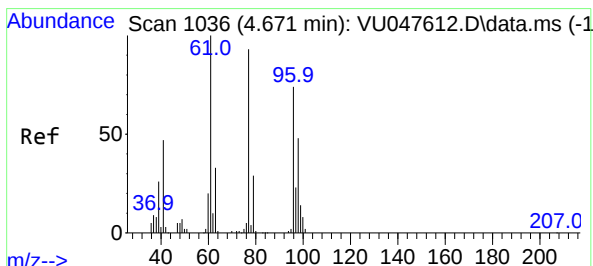
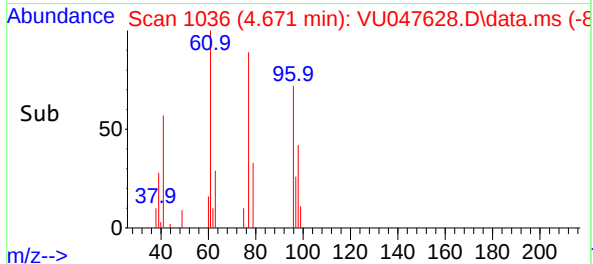
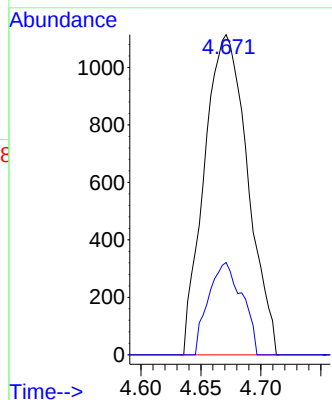
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2022



Tgt Ion: 77 Resp: 280
Ion Ratio Lower Upper
77 100
97 22.3 17.2 25.8

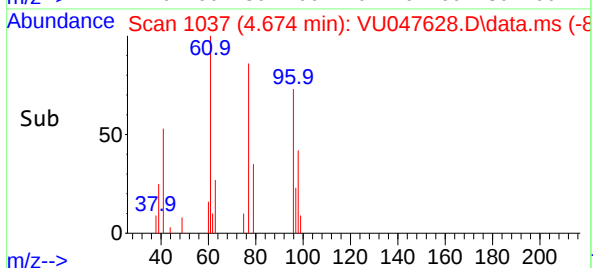
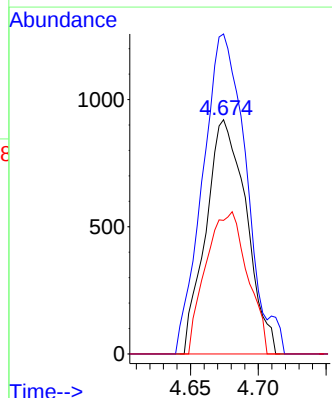
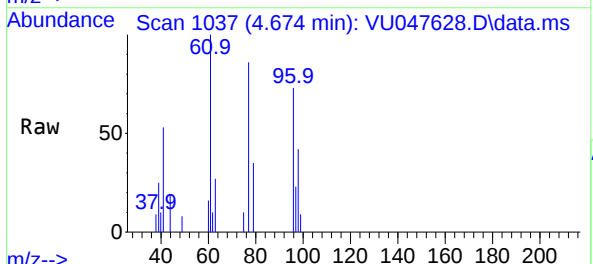
Manual Integrations
APPROVED

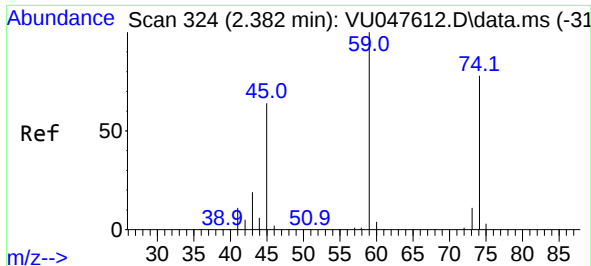
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#22
cis-1,2-Dichloroethene
Concen: 0.216 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12

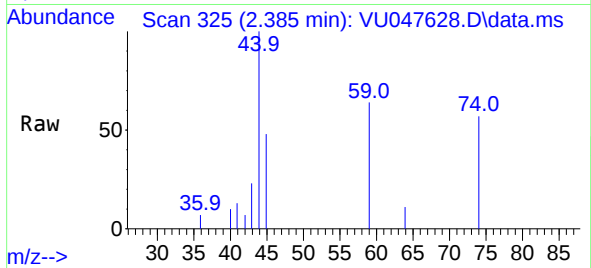
Tgt Ion: 96 Resp: 1909
Ion Ratio Lower Upper
96 100
61 146.8 0.0 385.3
98 62.2 32.1 96.3





#23
Diethyl Ether
Concen: 0.224 ug/l
RT: 2.385 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12

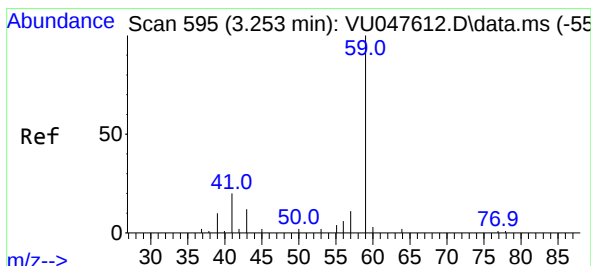
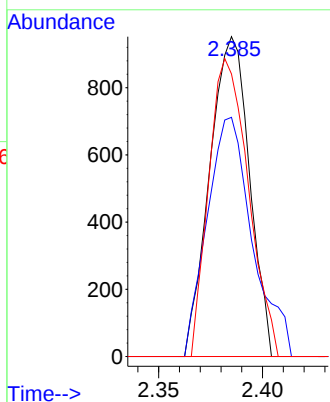
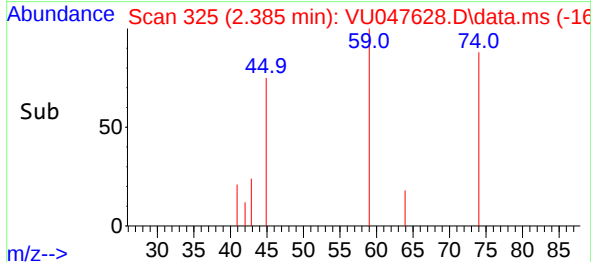
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2022



Tgt Ion: 59 Resp: 126
Ion Ratio Lower Upper
59 100
45 85.3 55.6 83.4
74 92.7 58.1 87.1

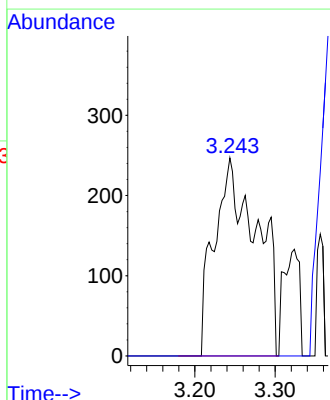
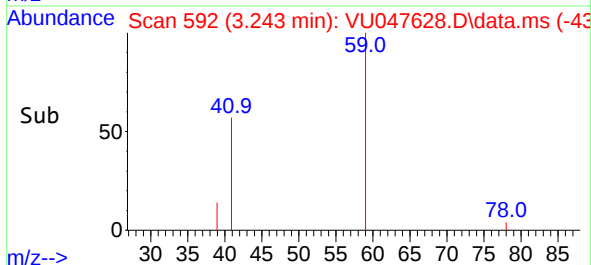
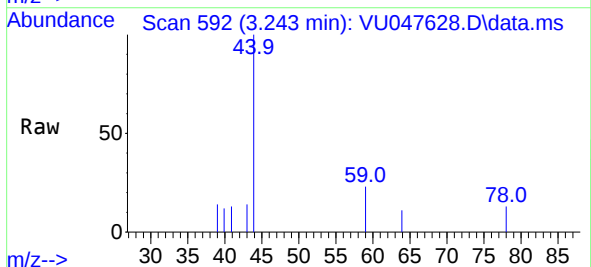
Manual Integrations
APPROVED

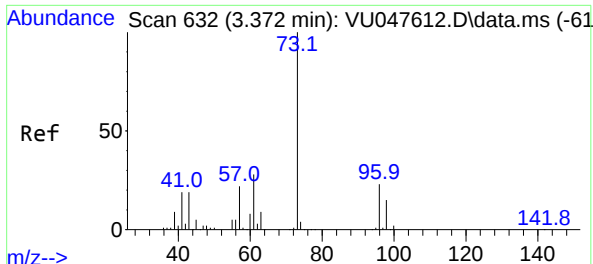
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#24
tert-Butyl Alcohol
Concen: 2.311 ug/l m
RT: 3.243 min Scan# 592
Delta R.T. -0.010 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12

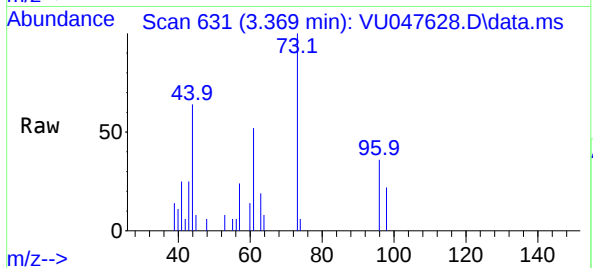
Tgt Ion: 59 Resp: 902
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#





#25
Methyl tert-Butyl Ether
Concen: 0.235 ug/l
RT: 3.369 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12

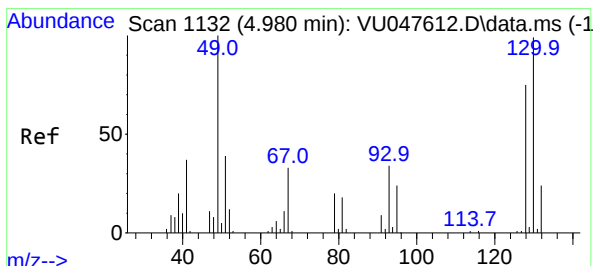
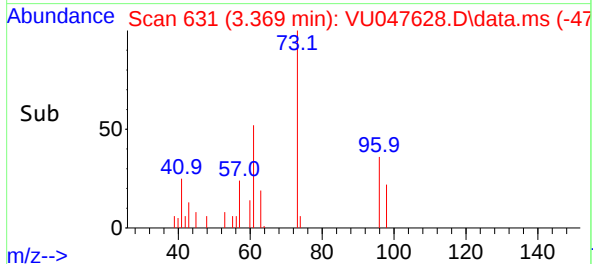
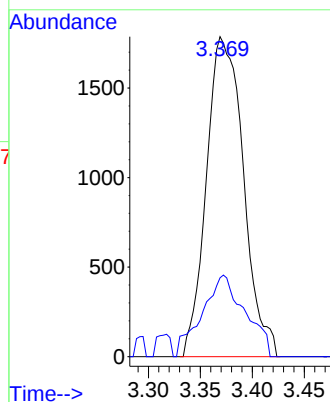
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2022



Tgt Ion: 73 Resp: 442
Ion Ratio Lower Upper
73 100
43 29.6 16.3 24.5

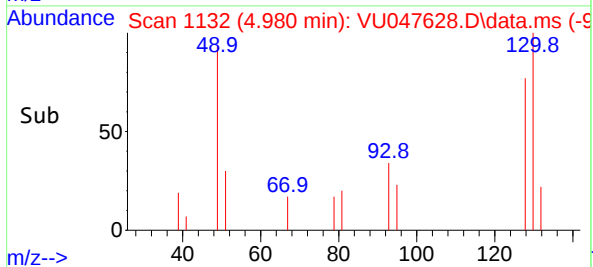
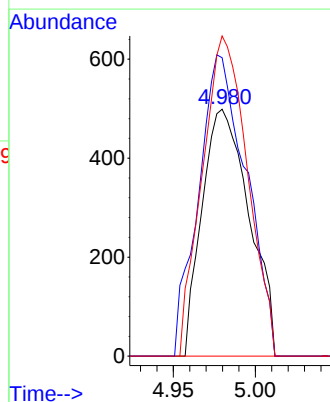
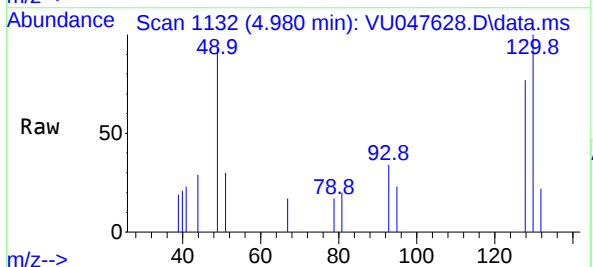
Manual Integrations
APPROVED

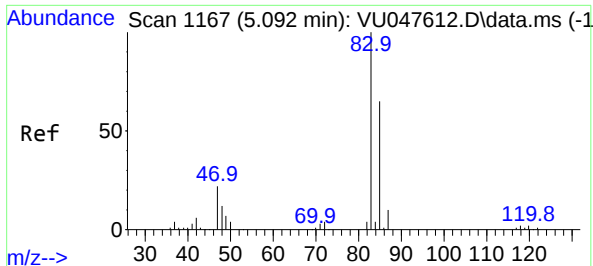
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#26
Bromochloromethane
Concen: 0.223 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12

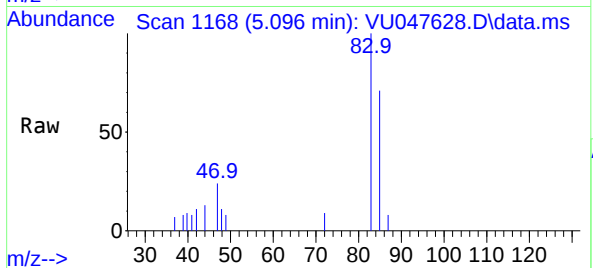
Tgt Ion:128 Resp: 996
Ion Ratio Lower Upper
128 100
49 123.7 0.0 347.4
130 124.7 101.5 152.3





#27
Chloroform
Concen: 0.250 ug/l
RT: 5.096 min Scan# 1167
Delta R.T. 0.003 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12

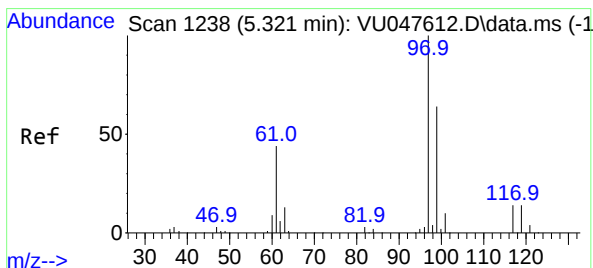
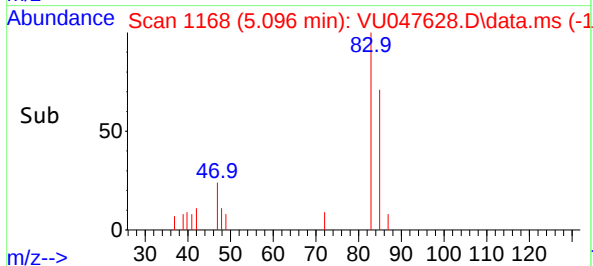
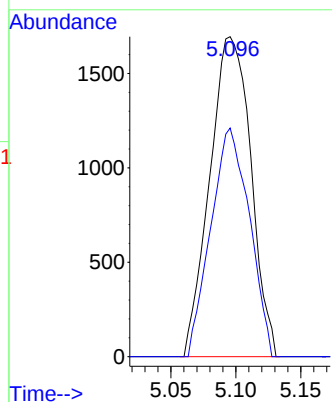
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2022



Tgt Ion: 83 Resp: 373
Ion Ratio Lower Upper
83 100
85 71.4 0.0 129.2

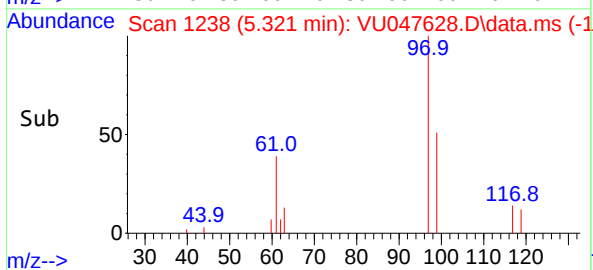
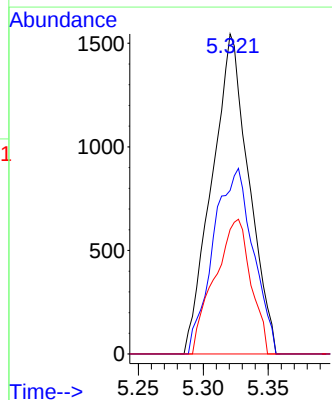
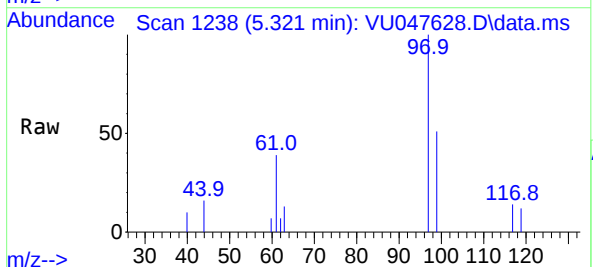
Manual Integrations
APPROVED

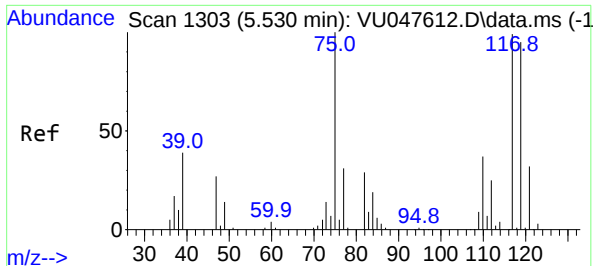
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#28
1,1,1-Trichloroethane
Concen: 0.235 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12

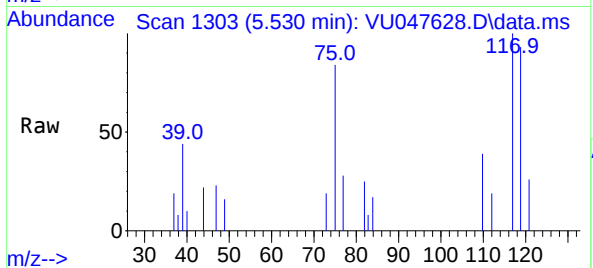
Tgt Ion: 97 Resp: 3050
Ion Ratio Lower Upper
97 100
99 62.9 32.2 96.6
61 41.3 24.5 73.5





#29
1,1-Dichloropropene
Concen: 0.220 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12

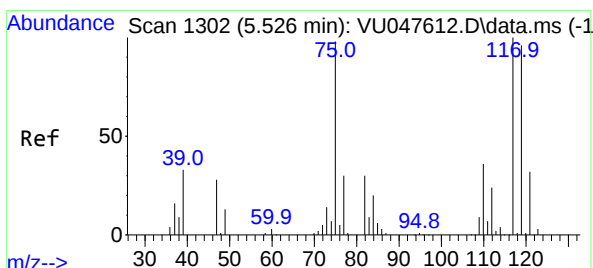
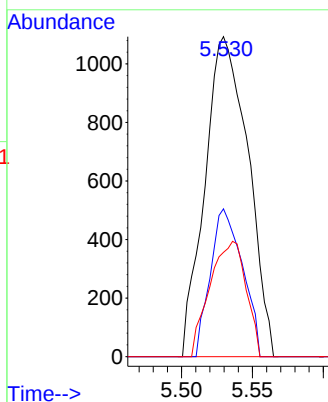
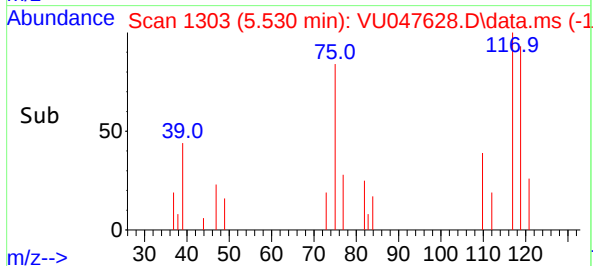
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2022



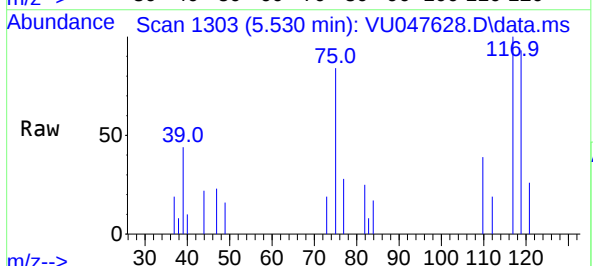
Tgt Ion: 75 Resp: 2310
Ion Ratio Lower Upper
75 100
110 34.5 16.8 50.3
77 30.2 24.7 37.1

Manual Integrations
APPROVED

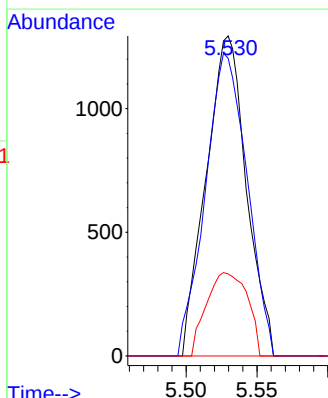
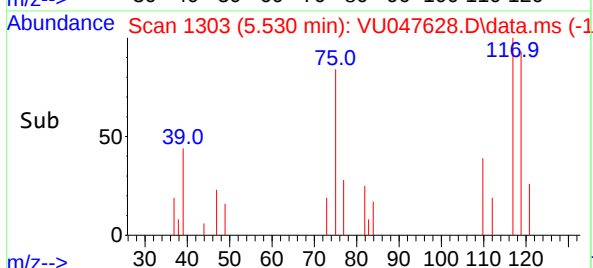
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

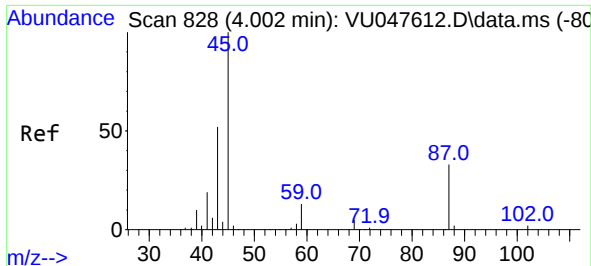


#30
Carbon Tetrachloride
Concen: 0.221 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.003 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12



Tgt Ion:117 Resp: 2555
Ion Ratio Lower Upper
117 100
119 93.0 76.8 115.2
121 25.7 24.6 37.0





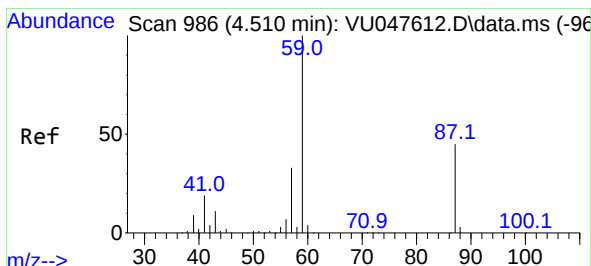
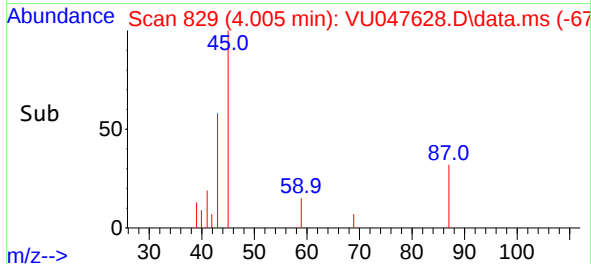
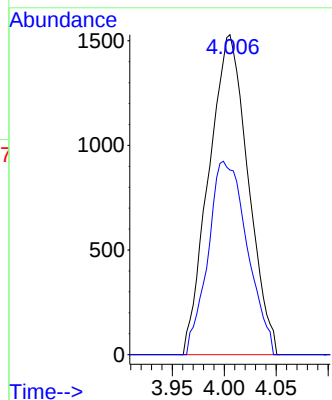
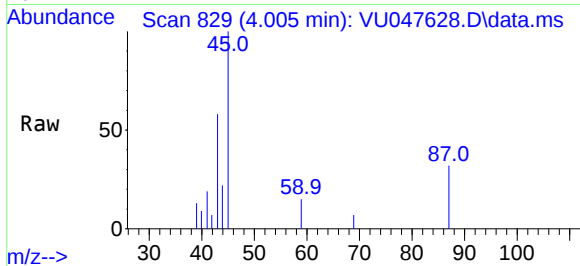
#31
Isopropyl Ether
Concen: 0.219 ug/l
RT: 4.005 min Scan# 81
Delta R.T. 0.003 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2022

Tgt Ion: 45 Resp: 401
Ion Ratio Lower Upper
45 100
43 60.2 25.3 75.8

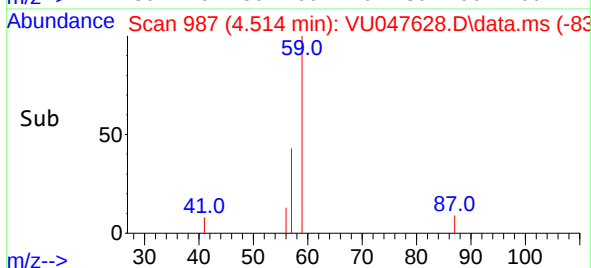
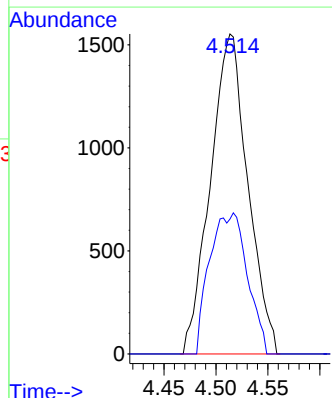
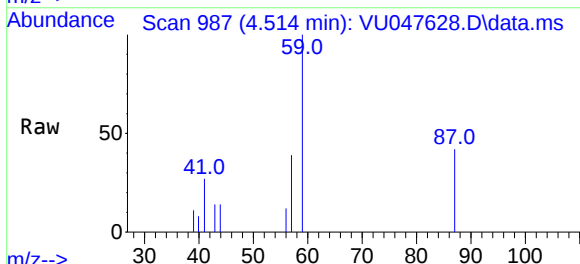
Manual Integrations
APPROVED

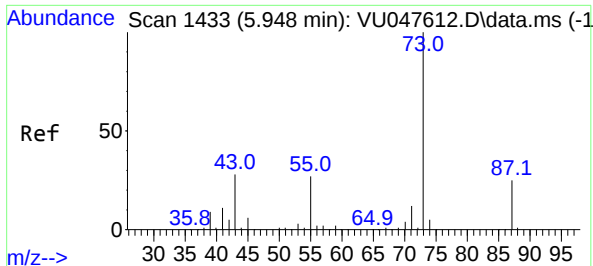
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#32
Ethyl-t-butyl ether
Concen: 0.210 ug/l
RT: 4.514 min Scan# 987
Delta R.T. 0.003 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12

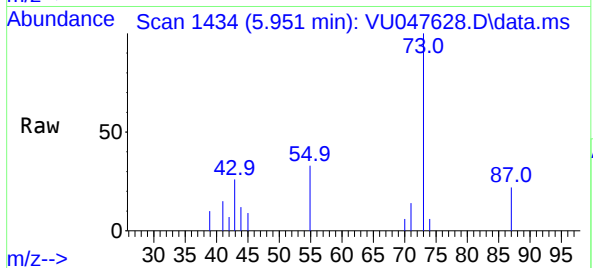
Tgt Ion: 59 Resp: 3886
Ion Ratio Lower Upper
59 100
87 22.1 32.7 49.1#





Tert-Amyl methyl ether
 Concen: 0.211 ug/l
 RT: 5.951 min Scan# 1433
 Delta R.T. 0.003 min
 Lab File: VU047628.D
 Acq: 21 Mar 2022 13:12

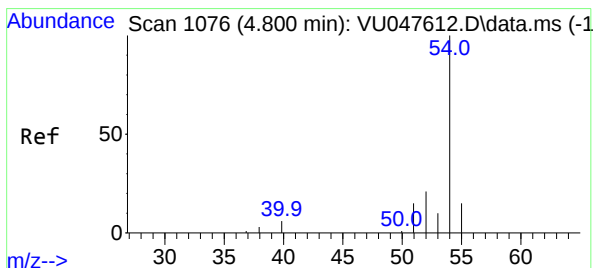
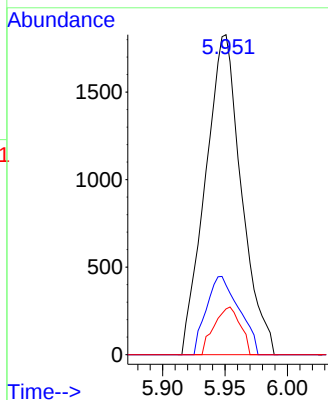
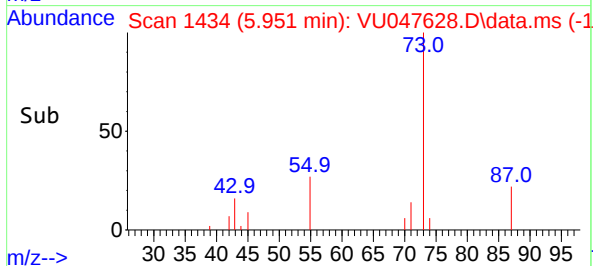
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT1-2022



Tgt Ion: 73 Resp: 366
 Ion Ratio Lower Upper
 73 100
 87 22.3 18.6 28.0
 71 10.8 9.0 13.6

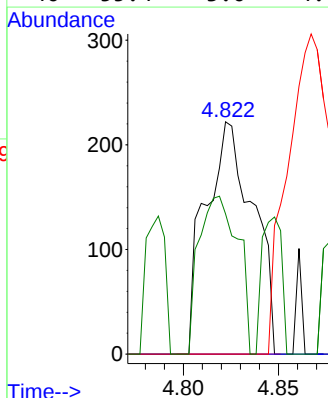
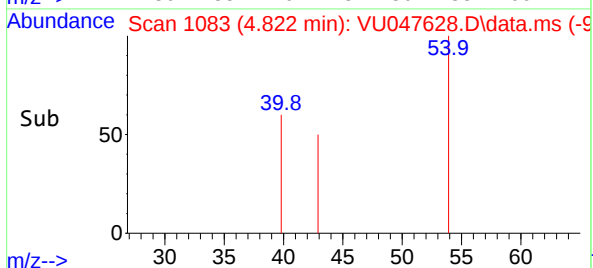
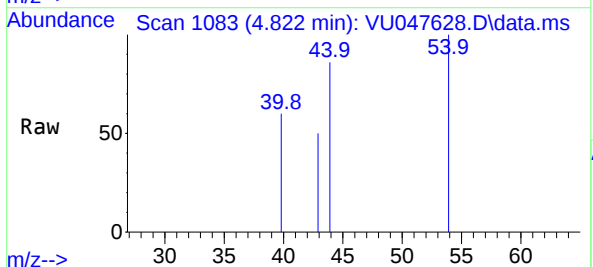
Manual Integrations
 APPROVED

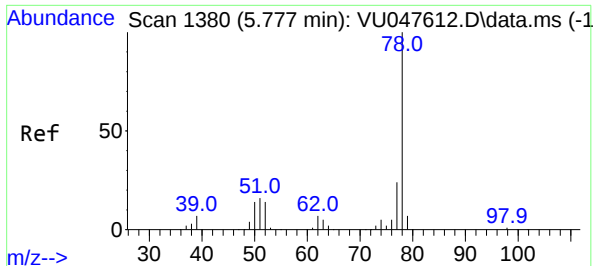
Reviewed By :John Carlone 03/22/2022
 Supervised By :Mahesh Dadoda 04/01/2022



Propionitrile
 Concen: 0.406 ug/l m
 RT: 4.822 min Scan# 1083
 Delta R.T. 0.022 min
 Lab File: VU047628.D
 Acq: 21 Mar 2022 13:12

Tgt Ion: 54 Resp: 388
 Ion Ratio Lower Upper
 54 100
 52 0.0 11.9 17.9#
 55 0.0 8.0 12.0#
 40 55.4 3.0 4.4#





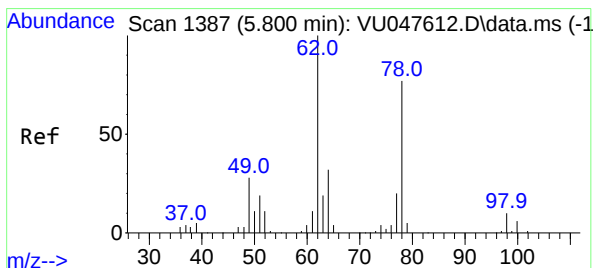
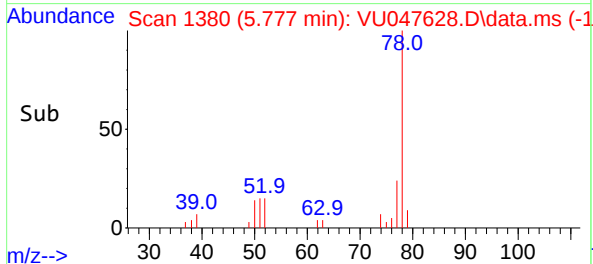
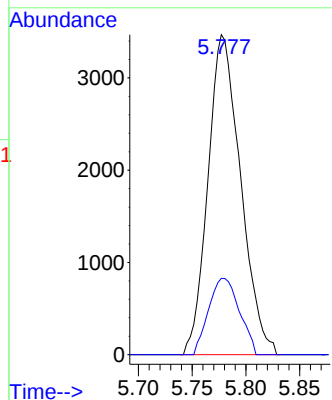
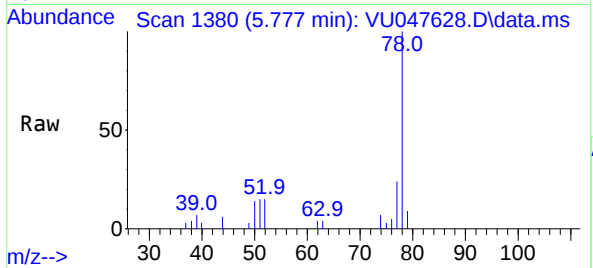
#35
Benzene
Concen: 0.233 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT1-2022

Tgt Ion: 78 Resp: 7330
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7

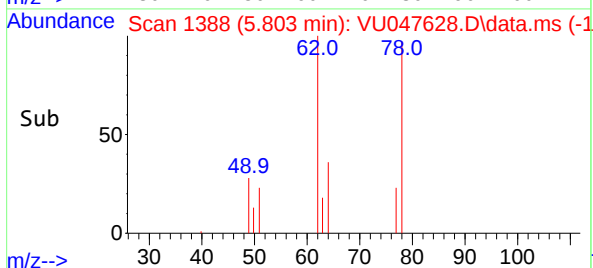
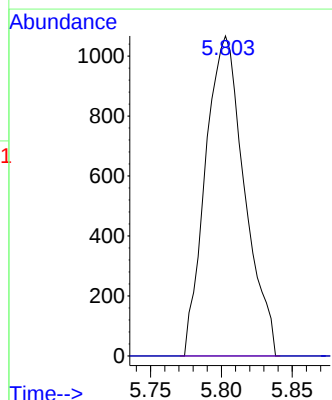
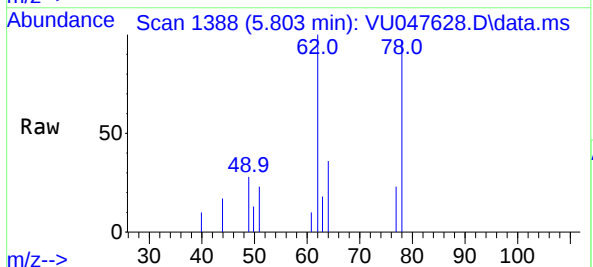
Manual Integrations
APPROVED

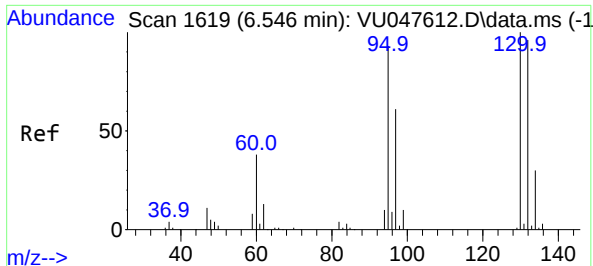
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#36
1,2-Dichloroethane
Concen: 0.215 ug/l
RT: 5.803 min Scan# 1388
Delta R.T. 0.003 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12

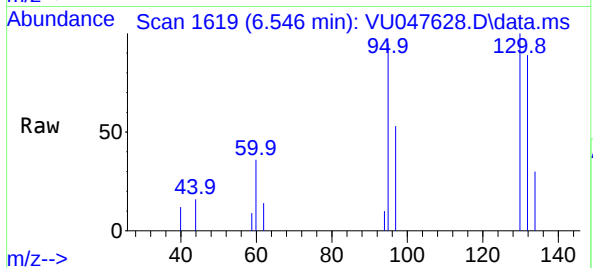
Tgt Ion: 62 Resp: 2045
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#





#37
Trichloroethene
Concen: 0.248 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12

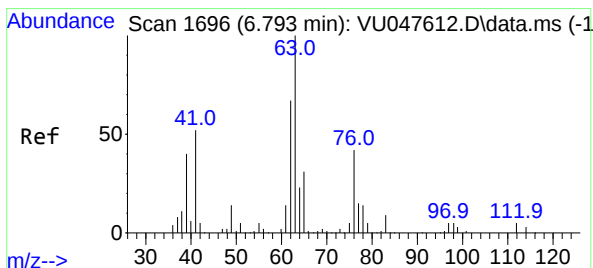
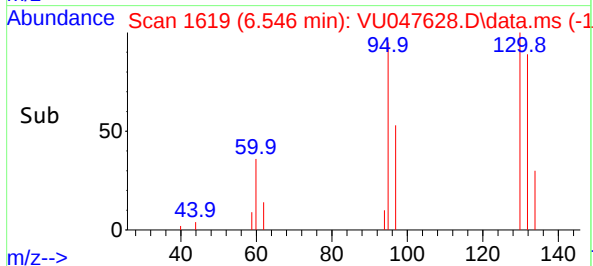
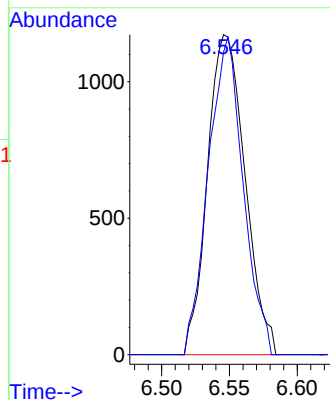
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT1-2022



Tgt Ion:130 Resp: 225
Ion Ratio Lower Upper
130 100
95 94.5 83.8 125.8

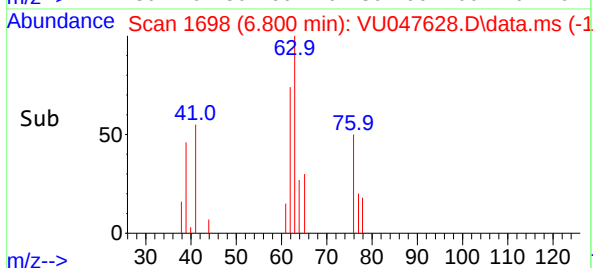
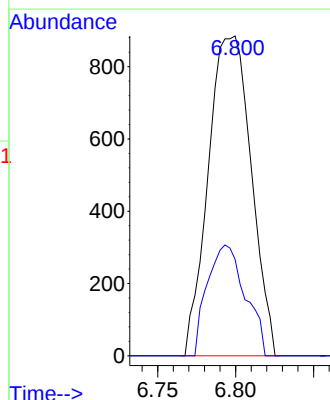
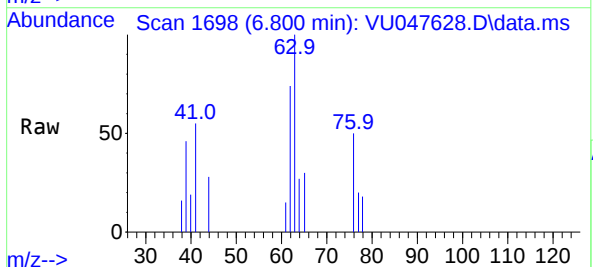
Manual Integrations
APPROVED

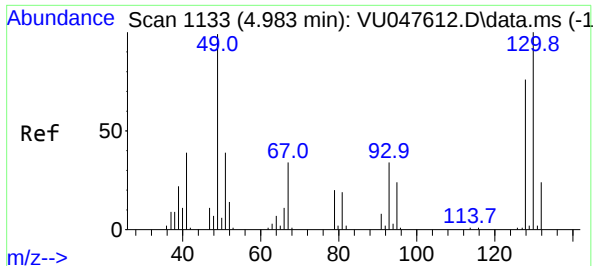
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#38
1,2-Dichloropropane
Concen: 0.209 ug/l
RT: 6.800 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12

Tgt Ion: 63 Resp: 1697
Ion Ratio Lower Upper
63 100
65 30.2 24.7 37.1





#39

Methacrylonitrile

Concen: 0.190 ug/l

RT: 4.993 min Scan# 1133

Delta R.T. 0.010 min

Lab File: VU047628.D

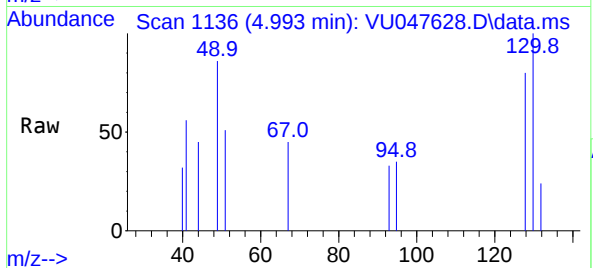
Acq: 21 Mar 2022 13:12

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2022



Tgt Ion: 41 Resp: 430

Ion Ratio Lower Upper

41 100

67 77.4 65.2 97.8

39 21.4 43.0 64.6

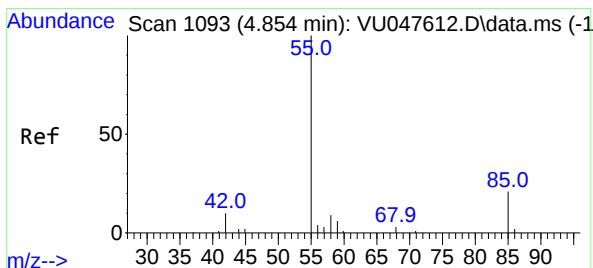
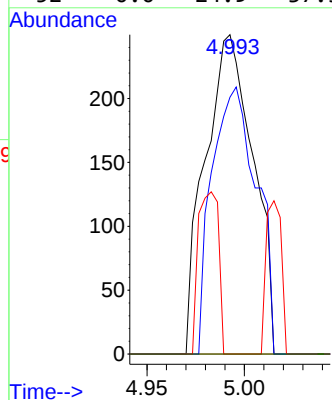
52 0.0 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 04/01/2022



#40

Methyl acrylate

Concen: 0.171 ug/l

RT: 4.867 min Scan# 1097

Delta R.T. 0.013 min

Lab File: VU047628.D

Acq: 21 Mar 2022 13:12

Tgt Ion: 55 Resp: 654

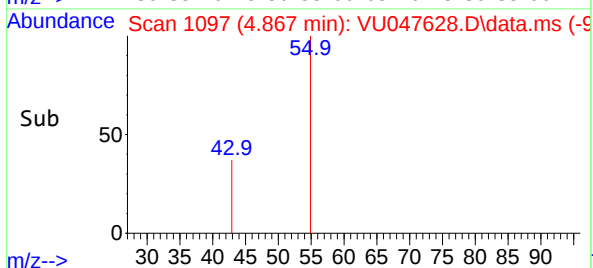
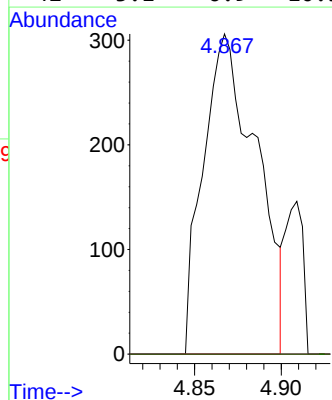
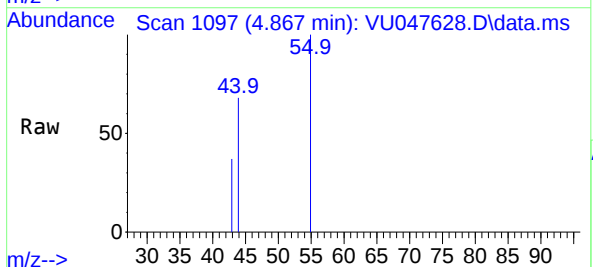
Ion Ratio Lower Upper

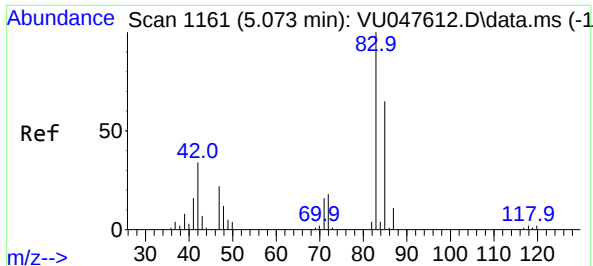
55 100

85 0.0 12.2 18.2#

58 0.0 6.7 10.1#

42 3.1 6.9 10.3#





#41

Tetrahydrofuran

Concen: 0.481 ug/l

RT: 5.083 min Scan# 1161

Delta R.T. 0.009 min

Lab File: VU047628.D

Acq: 21 Mar 2022 13:12

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2022

Tgt Ion: 42 Resp: 554

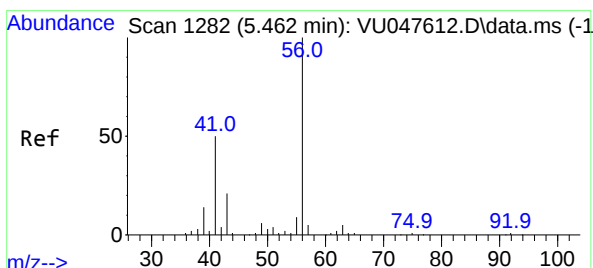
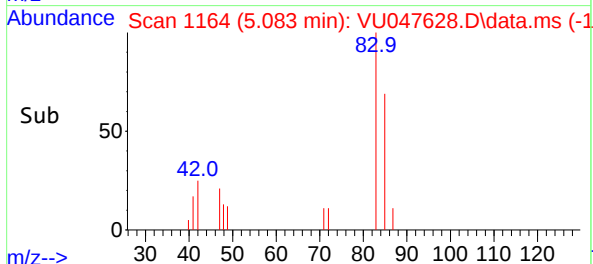
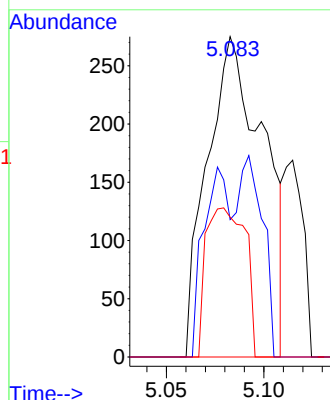
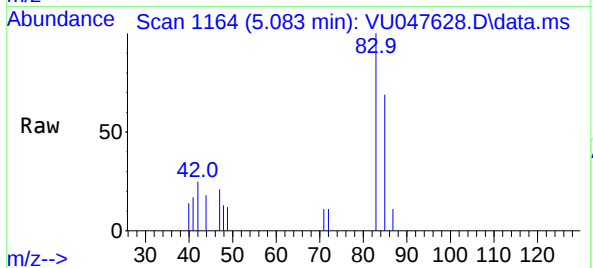
Ion	Ratio	Lower	Upper
42	100		
72	27.1	42.4	63.6
71	32.3	36.4	54.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 04/01/2022



#42

1-Chlorobutane

Concen: 0.210 ug/l

RT: 5.465 min Scan# 1283

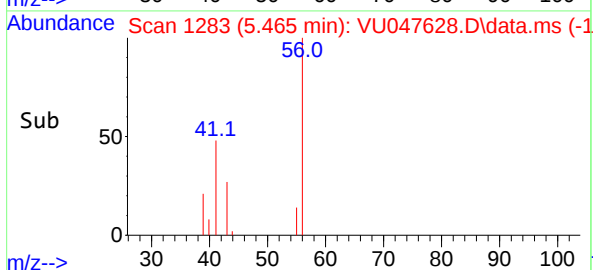
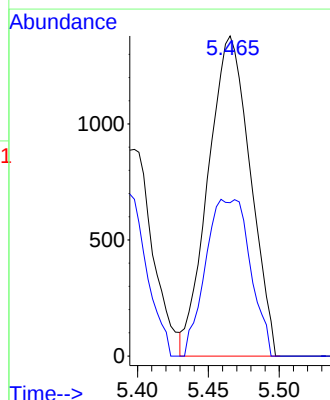
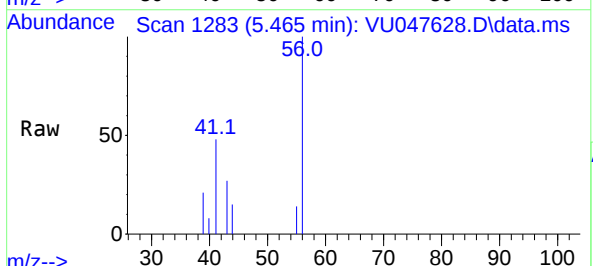
Delta R.T. 0.003 min

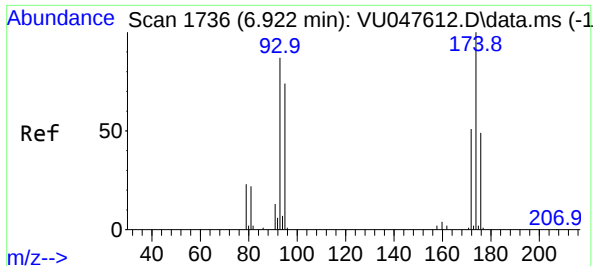
Lab File: VU047628.D

Acq: 21 Mar 2022 13:12

Tgt Ion: 56 Resp: 2846

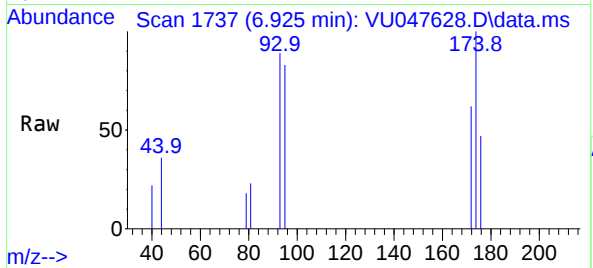
Ion	Ratio	Lower	Upper
56	100		
41	51.9	26.0	78.0





#43
Dibromomethane
Concen: 0.211 ug/l
RT: 6.925 min Scan# 1736
Delta R.T. 0.003 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12

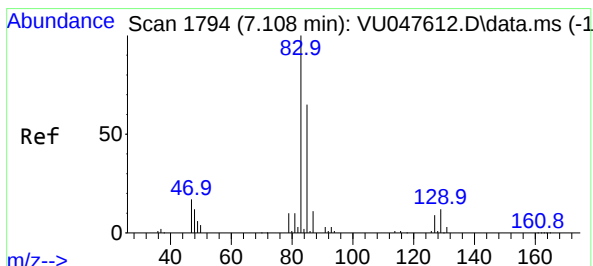
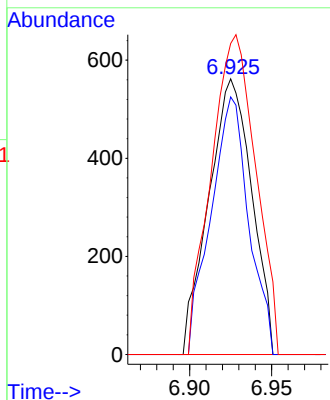
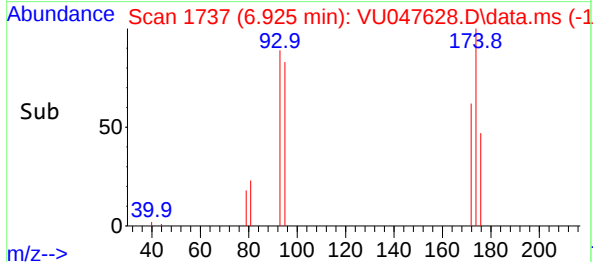
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT1-2022



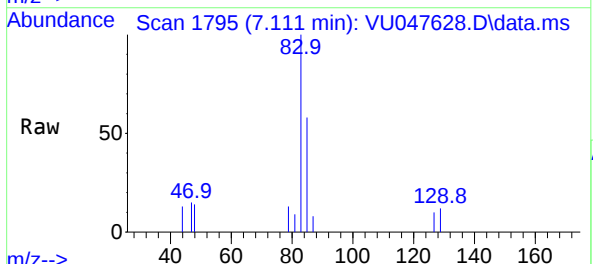
Tgt Ion: 93 Resp: 1025
Ion Ratio Lower Upper
93 100
95 82.0 66.2 99.2
174 120.3 70.7 106.1

Manual Integrations
APPROVED

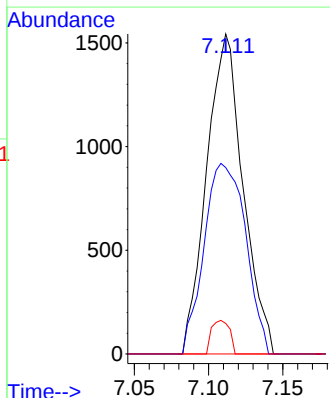
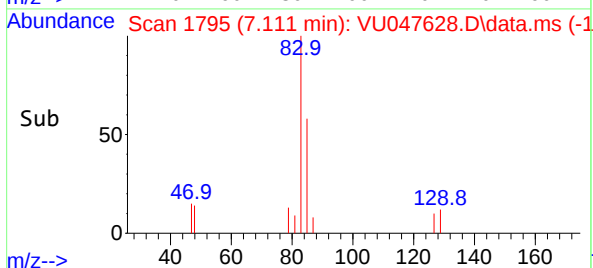
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

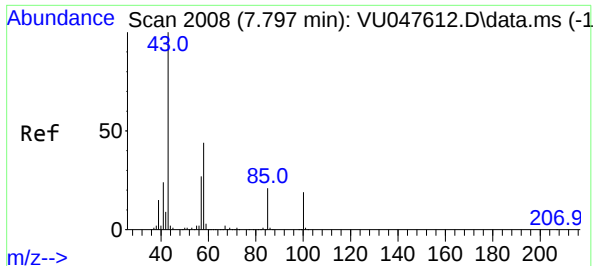


#44
Bromodichloromethane
Concen: 0.234 ug/l
RT: 7.111 min Scan# 1795
Delta R.T. 0.003 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12



Tgt Ion: 83 Resp: 2632
Ion Ratio Lower Upper
83 100
85 58.3 50.9 76.3
127 9.6 6.0 9.0





#45

4-Methyl-2-Pentanone

Concen: 1.112 ug/l

RT: 7.803 min Scan# 2008

Delta R.T. 0.006 min

Lab File: VU047628.D

Acq: 21 Mar 2022 13:12

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2022

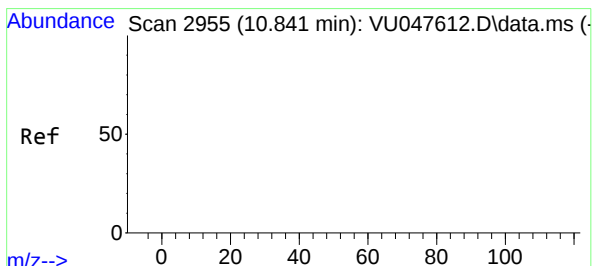
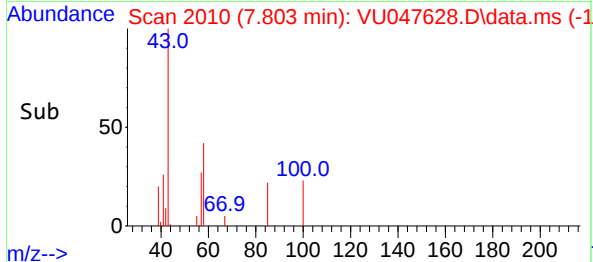
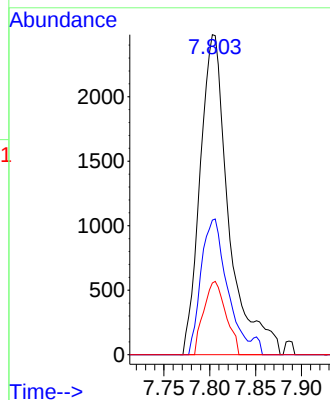
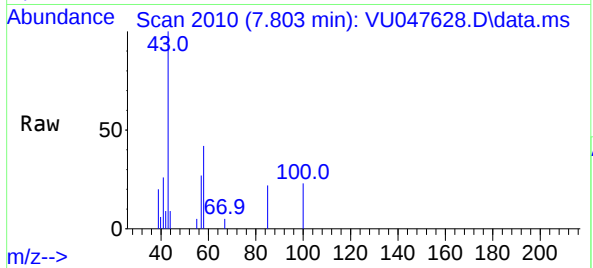
Tgt Ion: 43	Resp: 5390
Ion Ratio	Lower Upper
43	100
58	38.7 21.0 63.0
85	17.8 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 04/01/2022



#46

t-1,4-Dichloro-2-butene

Concen: 0.542 ug/l m

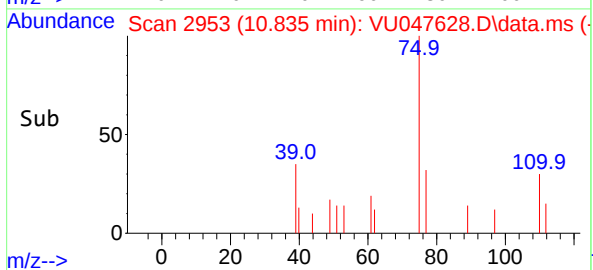
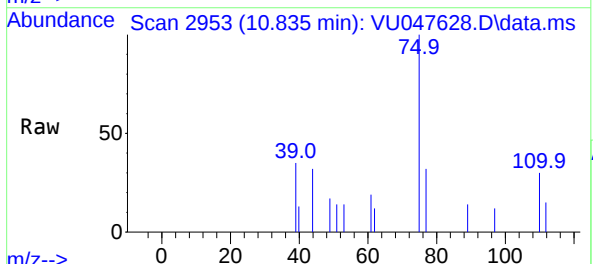
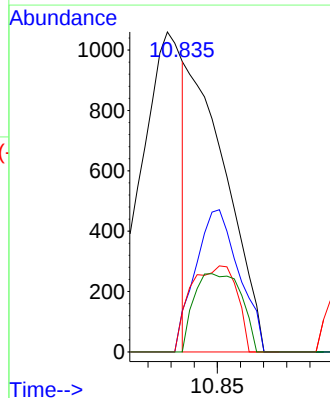
RT: 10.835 min Scan# 2953

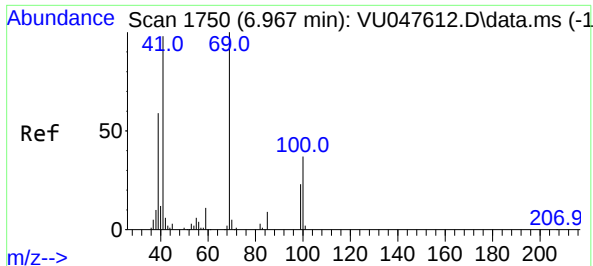
Delta R.T. -0.007 min

Lab File: VU047628.D

Acq: 21 Mar 2022 13:12

Tgt Ion: 75	Resp: 1143
Ion Ratio	Lower Upper
75	100
53	54.3 66.8 100.2#
89	34.7 41.7 62.5#
88	32.2 32.3 48.5#





#47

Methyl methacrylate

Concen: 0.369 ug/l

RT: 6.973 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VU047628.D

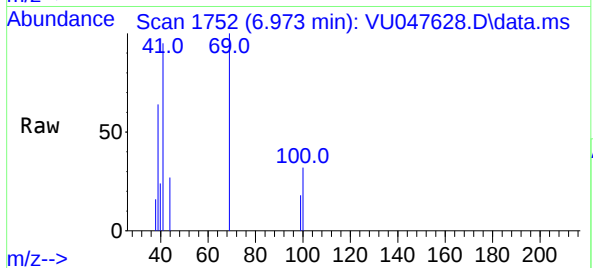
Acq: 21 Mar 2022 13:12

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2022



Tgt Ion: 69 Resp: 145

Ion Ratio Lower Upper

69 100

41 106.7 0.0 230.0

39 64.6 55.1 82.7

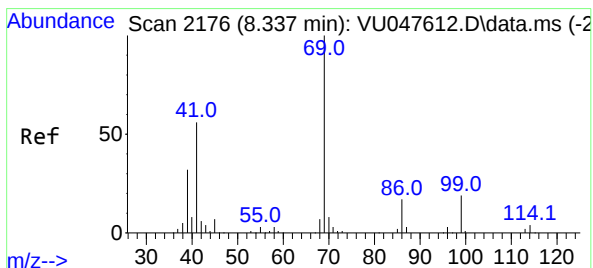
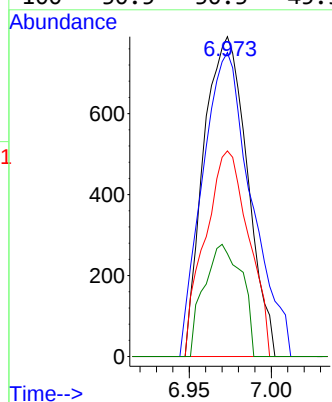
100 30.5 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 04/01/2022



#48

Ethyl methacrylate

Concen: 0.196 ug/l

RT: 8.340 min Scan# 2177

Delta R.T. 0.003 min

Lab File: VU047628.D

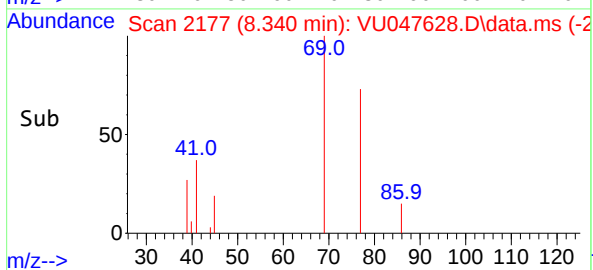
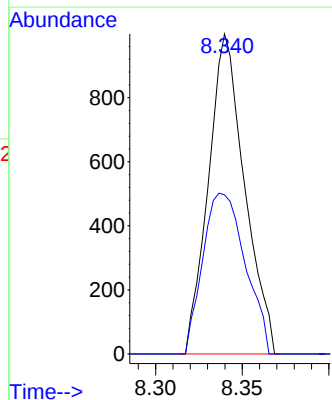
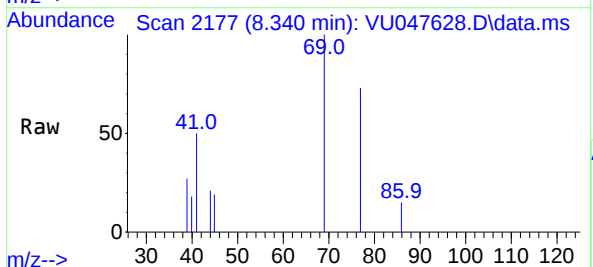
Acq: 21 Mar 2022 13:12

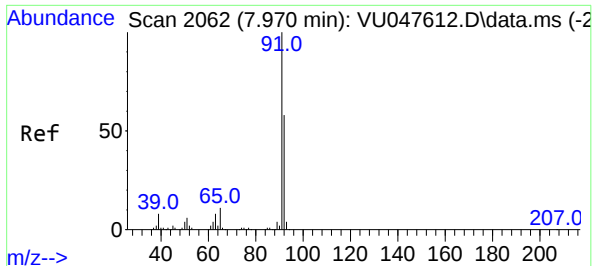
Tgt Ion: 69 Resp: 1449

Ion Ratio Lower Upper

69 100

41 59.0 32.6 98.0





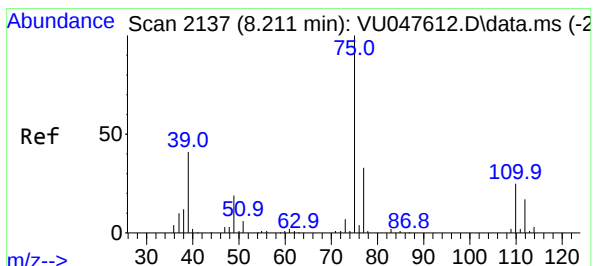
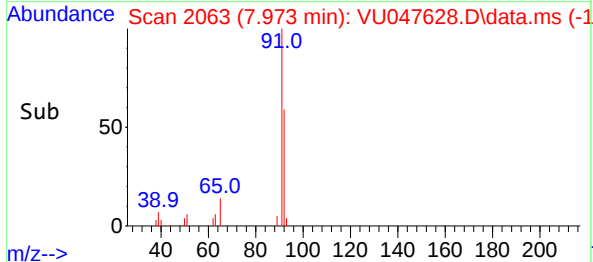
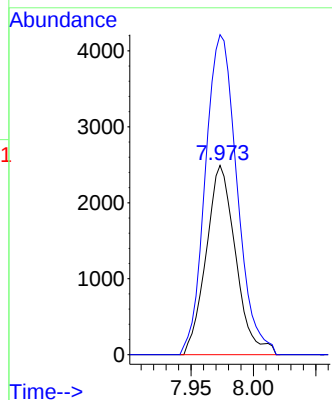
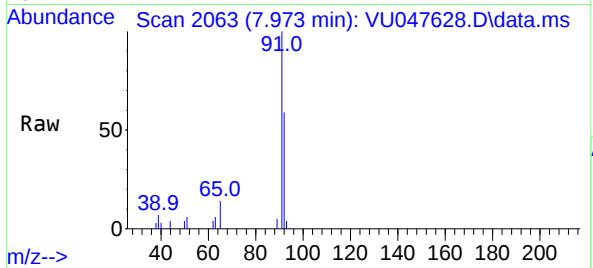
#49
Toluene
Concen: 0.213 ug/l
RT: 7.973 min Scan# 2062
Delta R.T. 0.003 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2022

Tgt Ion: 92 Resp: 411
Ion Ratio Lower Upper
92 100
91 181.4 136.8 205.2

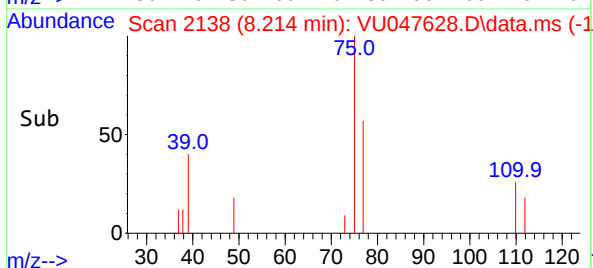
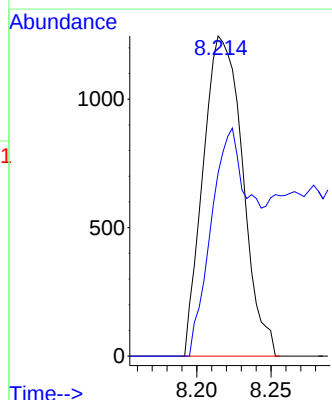
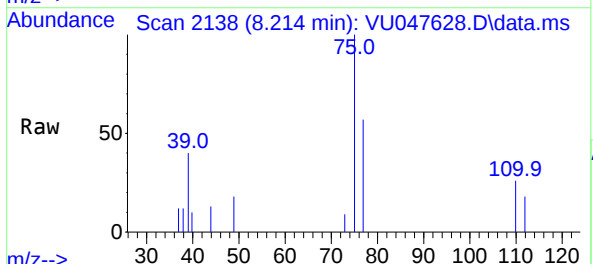
Manual Integrations
APPROVED

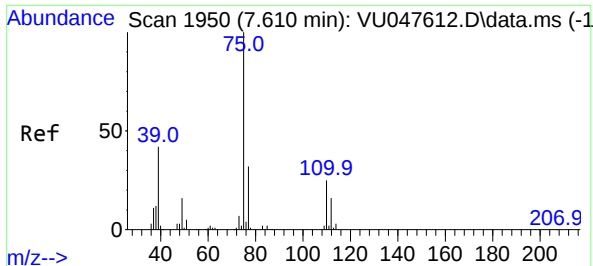
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#50
t-1,3-Dichloropropene
Concen: 0.221 ug/l
RT: 8.214 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12

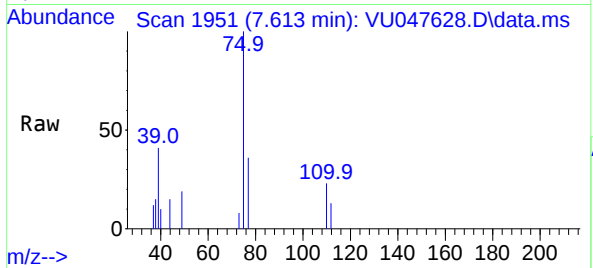
Tgt Ion: 75 Resp: 2304
Ion Ratio Lower Upper
75 100
77 57.2 25.6 38.4#





#51
cis-1,3-Dichloropropene
Concen: 0.215 ug/l
RT: 7.613 min Scan# 1951
Delta R.T. 0.003 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12

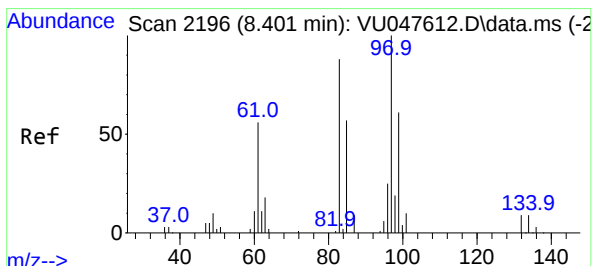
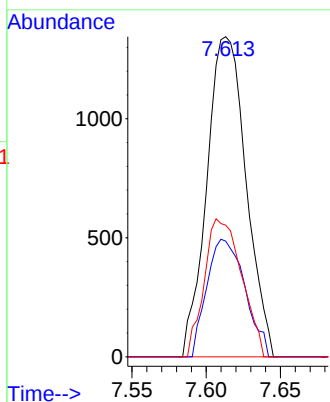
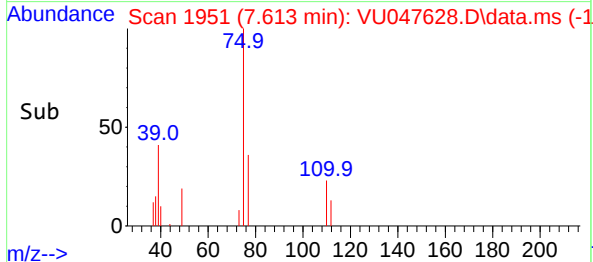
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT1-2022



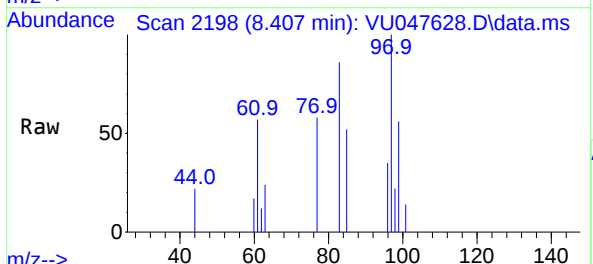
Tgt Ion: 75 Resp: 2474
Ion Ratio Lower Upper
75 100
77 36.1 25.2 37.8
39 41.1 38.6 57.8

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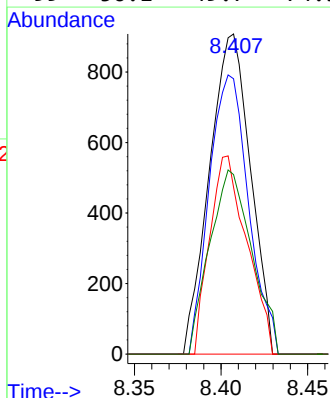
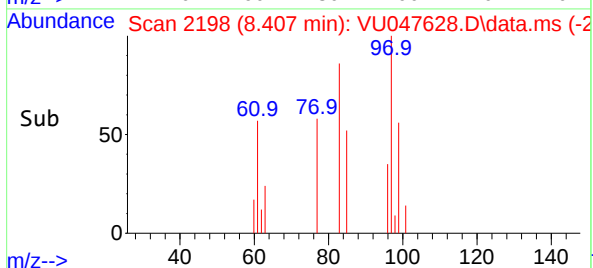
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

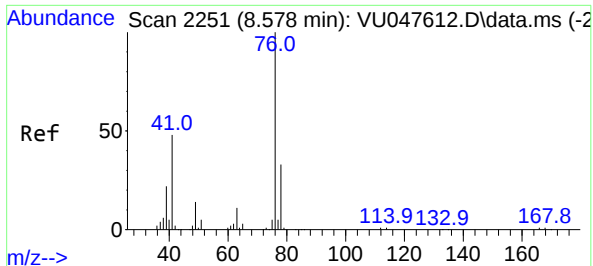


#52
1,1,2-Trichloroethane
Concen: 0.221 ug/l
RT: 8.407 min Scan# 2198
Delta R.T. 0.006 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12



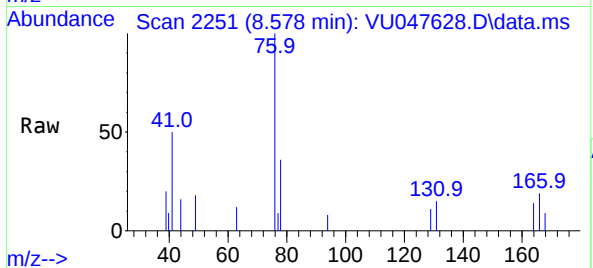
Tgt Ion: 97 Resp: 1496
Ion Ratio Lower Upper
97 100
83 86.0 69.8 104.8
85 52.1 44.2 66.4
99 56.1 49.7 74.5





#53
1,3-Dichloropropane
Concen: 0.222 ug/l
RT: 8.578 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12

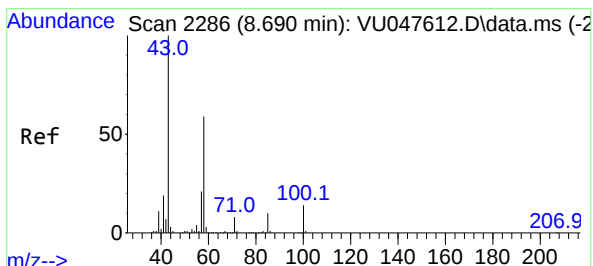
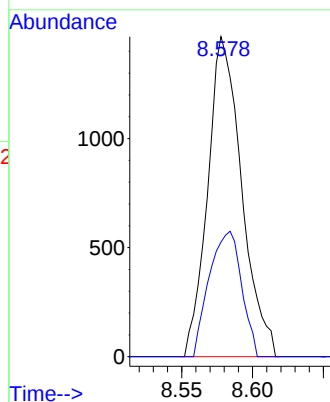
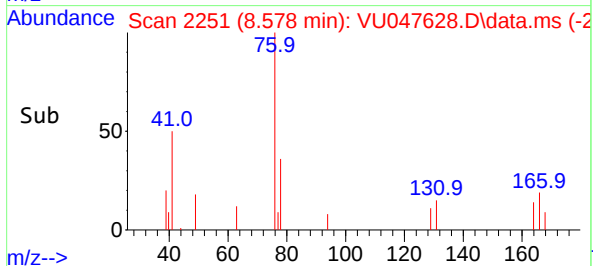
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT1-2022



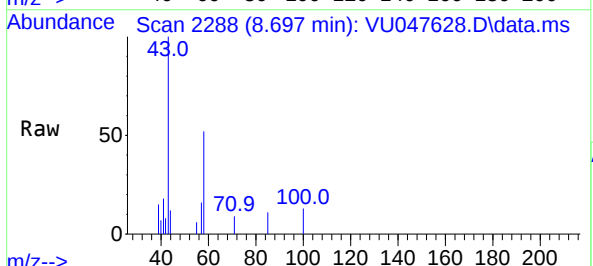
Tgt Ion: 76 Resp: 244
Ion Ratio Lower Upper
76 100
78 37.2 25.4 38.2

Manual Integrations
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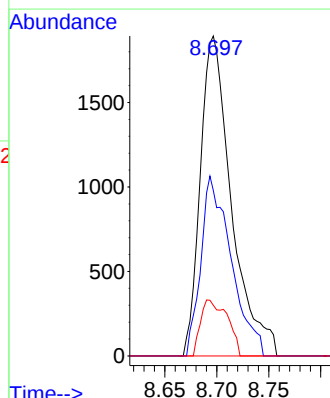
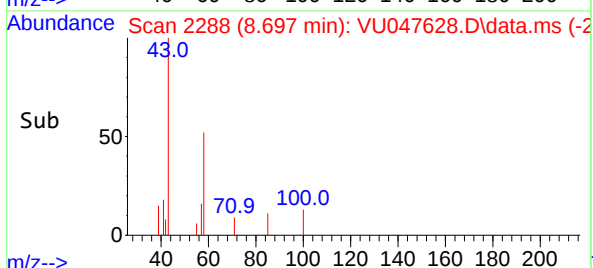
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

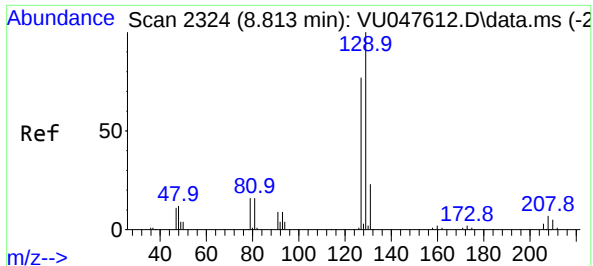


#54
2-Hexanone
Concen: 1.113 ug/l
RT: 8.697 min Scan# 2288
Delta R.T. 0.006 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12



Tgt Ion: 43 Resp: 3945
Ion Ratio Lower Upper
43 100
58 54.6 37.7 77.7
57 15.0 0.5 40.5





#55

Dibromochloromethane

Concen: 0.212 ug/l

RT: 8.812 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047628.D

Acq: 21 Mar 2022 13:12

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2022

Tgt Ion:129 Resp: 181

Ion Ratio Lower Upper

129 100

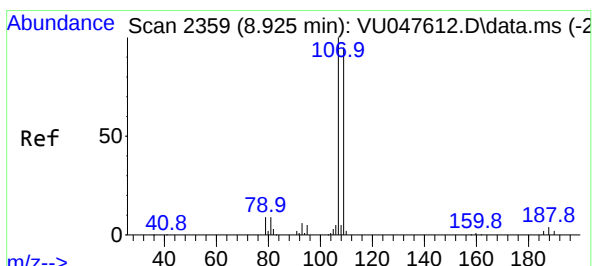
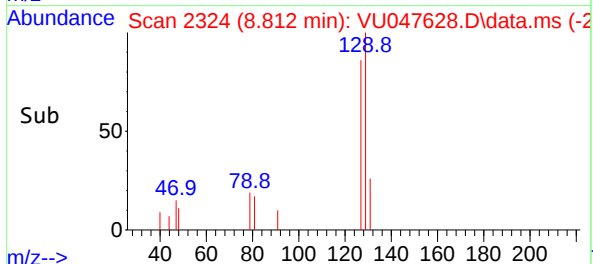
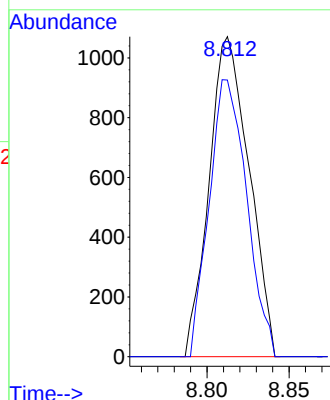
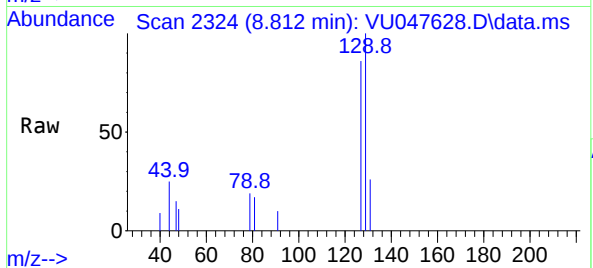
127 81.2 62.2 93.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 04/01/2022



#56

1,2-Dibromoethane

Concen: 0.196 ug/l

RT: 8.928 min Scan# 2360

Delta R.T. 0.003 min

Lab File: VU047628.D

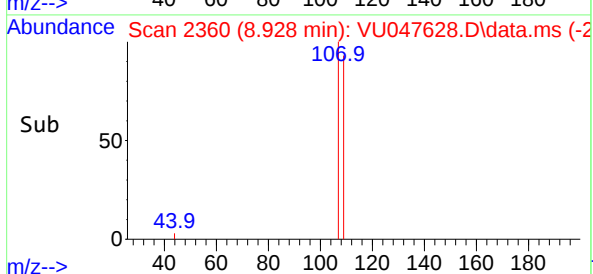
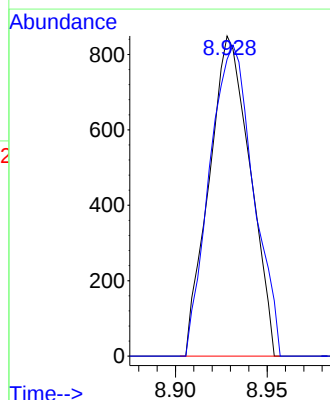
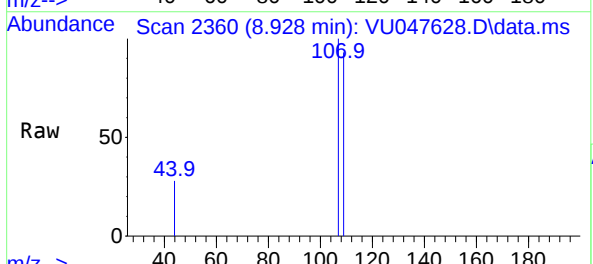
Acq: 21 Mar 2022 13:12

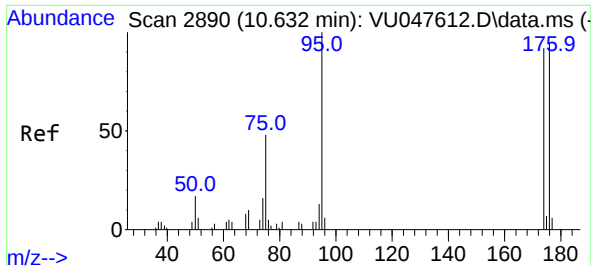
Tgt Ion:107 Resp: 1317

Ion Ratio Lower Upper

107 100

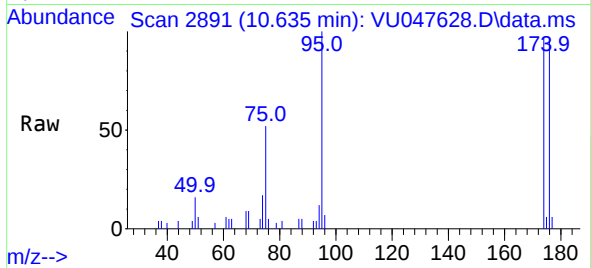
109 103.9 0.0 185.0





#57
4-Bromofluorobenzene
Concen: 0.875 ug/l
RT: 10.635 min Scan# 2890
Delta R.T. 0.003 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12

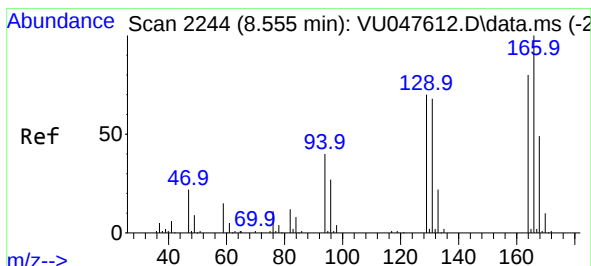
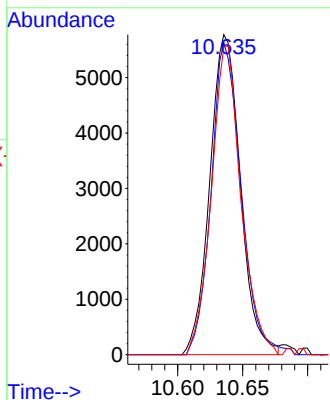
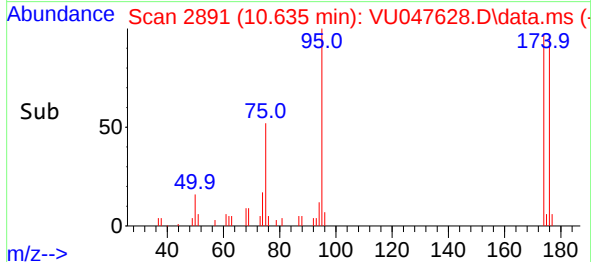
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT1-2022



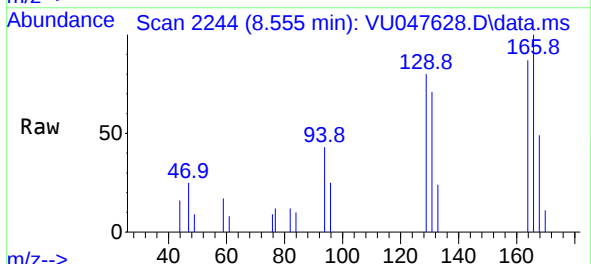
Tgt Ion: 95 Resp: 944
Ion Ratio Lower Upper
95 100
174 96.0 56.6 84.8
176 93.4 54.3 81.5

Manual Integrations
APPROVED

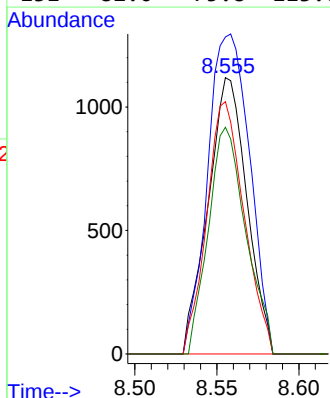
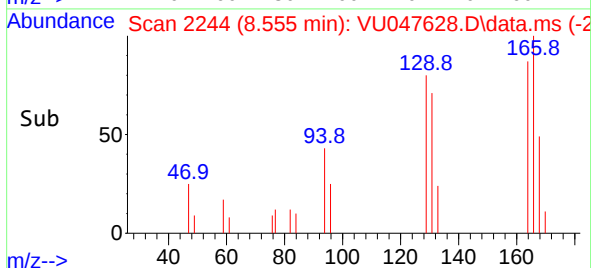
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

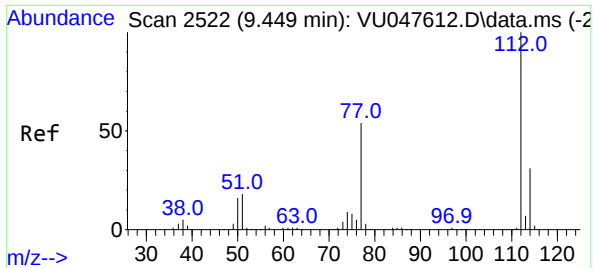


#58
Tetrachloroethene
Concen: 0.220 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12



Tgt Ion:164 Resp: 1841
Ion Ratio Lower Upper
164 100
166 114.7 102.0 153.0
129 91.3 77.1 115.7
131 82.0 75.8 113.6





#59

Chlorobenzene

Concen: 0.219 ug/l

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU047628.D

Acq: 21 Mar 2022 13:12

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2022

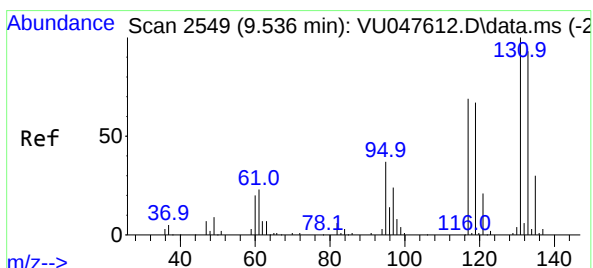
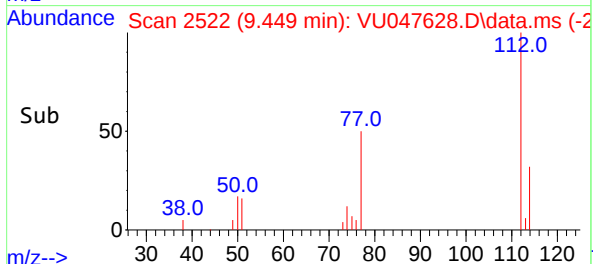
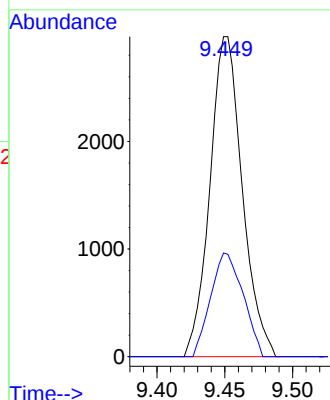
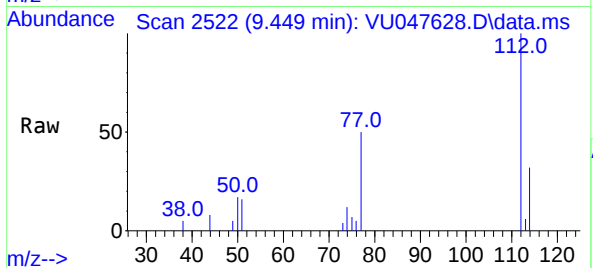
Tgt Ion:112 Resp: 4942
 Ion Ratio Lower Upper
 112 100
 114 32.4 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 04/01/2022



#60

1,1,1,2-Tetrachloroethane

Concen: 0.212 ug/l

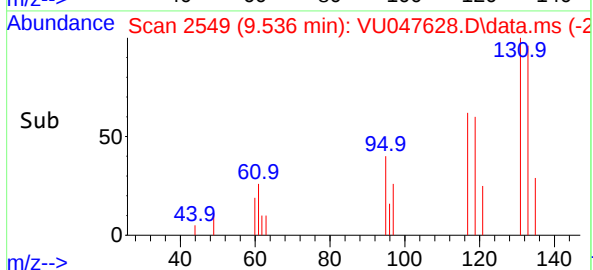
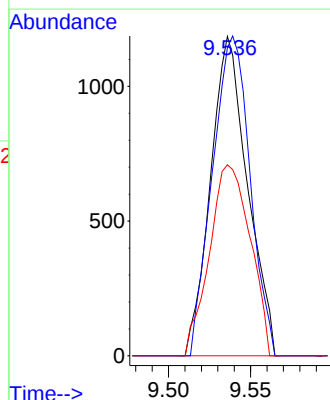
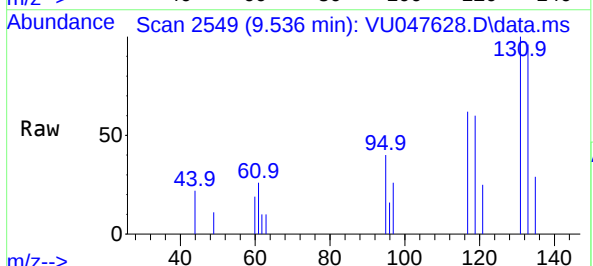
RT: 9.536 min Scan# 2549

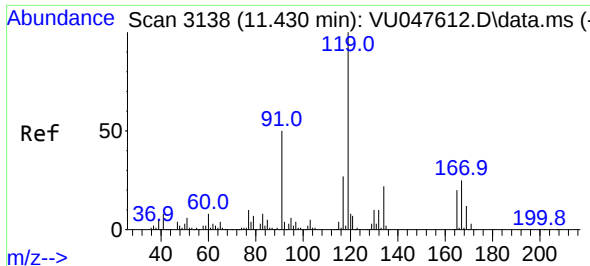
Delta R.T. -0.000 min

Lab File: VU047628.D

Acq: 21 Mar 2022 13:12

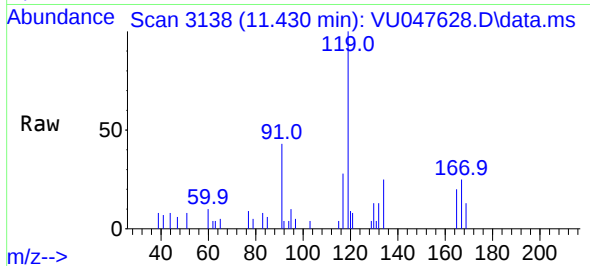
Tgt Ion:131 Resp: 1856
 Ion Ratio Lower Upper
 131 100
 133 101.7 76.0 114.0
 119 65.9 54.9 82.3





#61
Pentachloroethane
Concen: 0.223 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. -0.000 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12

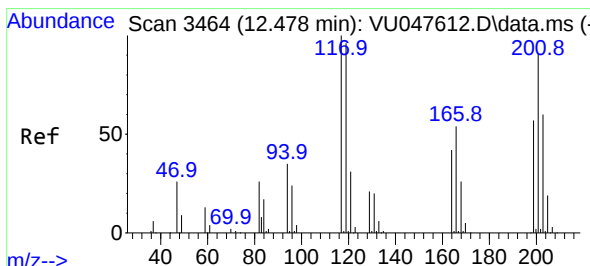
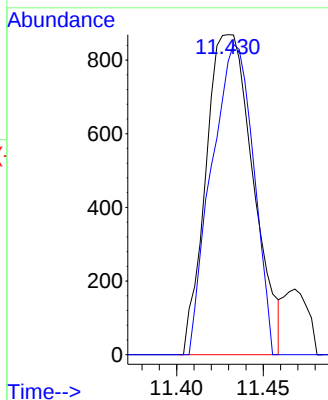
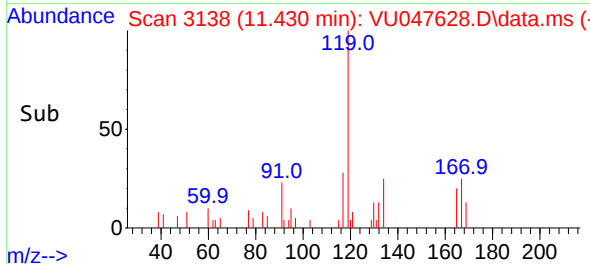
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2022



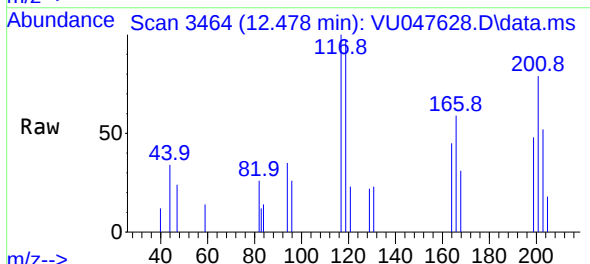
Tgt Ion:117 Resp: 1648
Ion Ratio Lower Upper
117 100
167 86.0 59.7 89.5

Manual Integrations
APPROVED

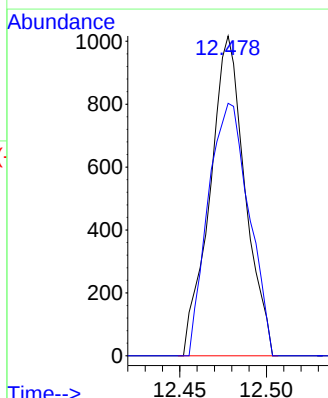
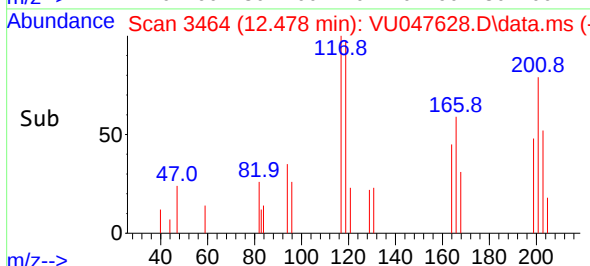
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

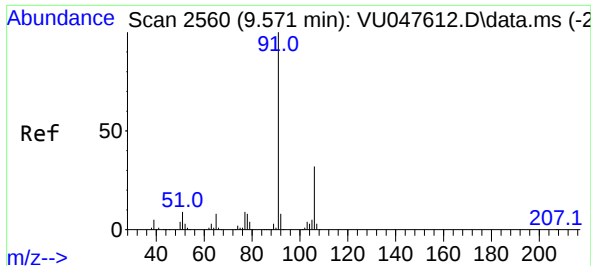


#62
Hexachloroethane
Concen: 0.195 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. -0.000 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12



Tgt Ion:117 Resp: 1435
Ion Ratio Lower Upper
117 100
201 91.5 53.6 80.4#





#63

Ethyl Benzene

Concen: 0.197 ug/l

RT: 9.574 min Scan# 2560

Delta R.T. 0.003 min

Lab File: VU047628.D

Acq: 21 Mar 2022 13:12

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2022

Tgt Ion: 91 Resp: 694

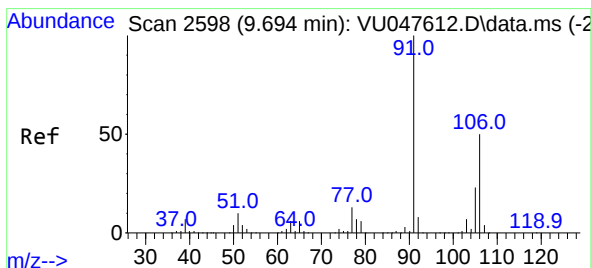
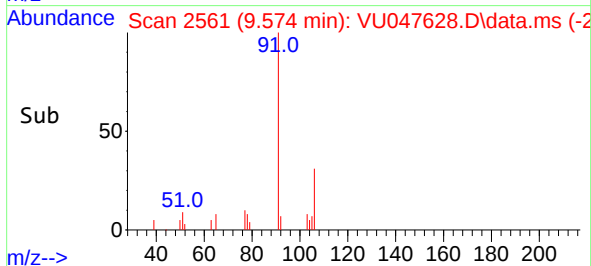
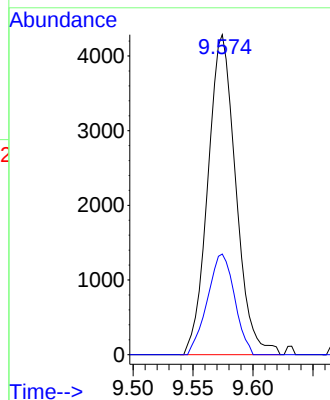
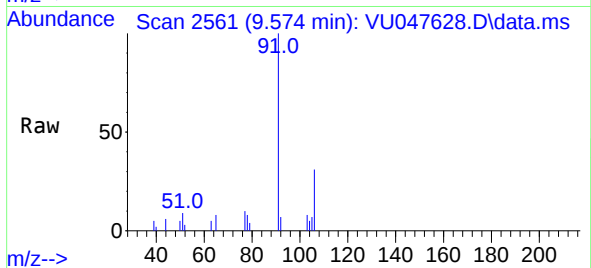
Ion	Ratio	Lower	Upper
91	100		
106	31.5	24.4	36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 04/01/2022



#64

m/p-Xylenes

Concen: 0.362 ug/l

RT: 9.697 min Scan# 2599

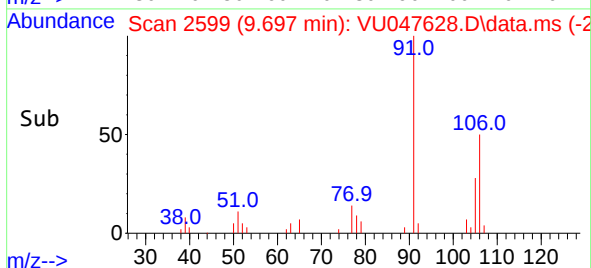
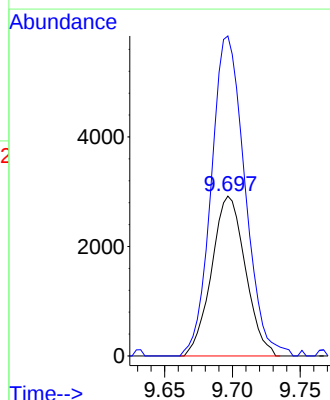
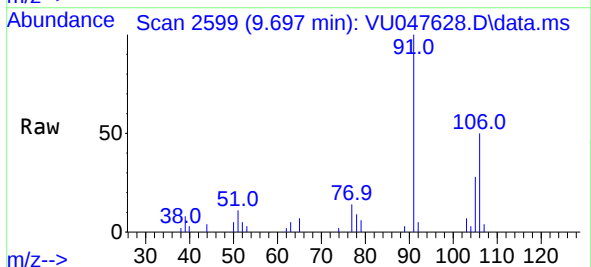
Delta R.T. 0.003 min

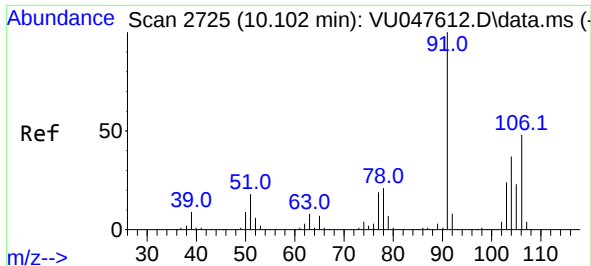
Lab File: VU047628.D

Acq: 21 Mar 2022 13:12

Tgt Ion:106 Resp: 5063

Ion	Ratio	Lower	Upper
106	100		
91	199.5	165.5	248.3





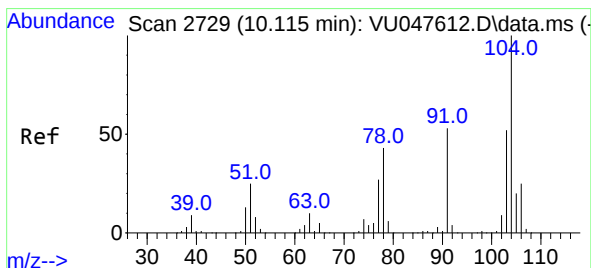
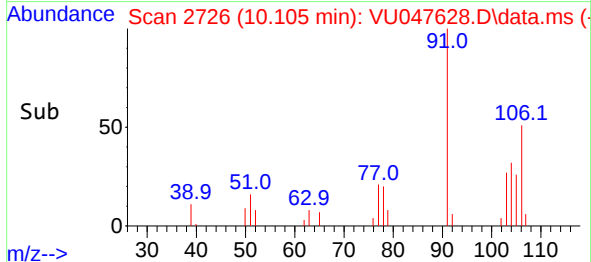
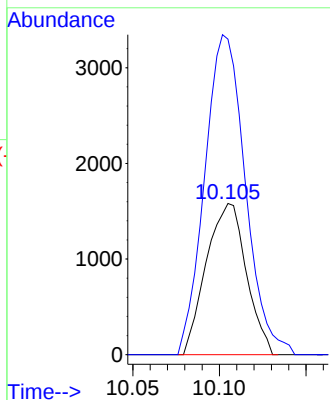
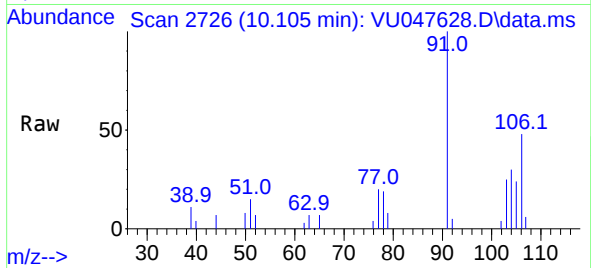
#65
o-Xylene
Concen: 0.192 ug/l
RT: 10.105 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2022

Tgt Ion:106 Resp: 2538
Ion Ratio Lower Upper
106 100
91 215.1 109.4 328.2

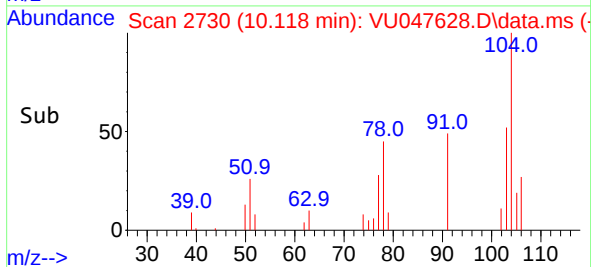
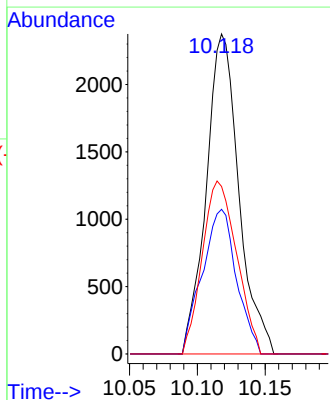
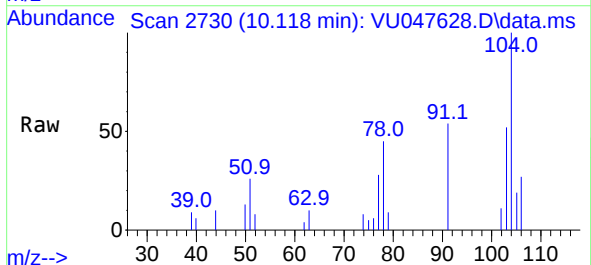
Manual Integrations
APPROVED

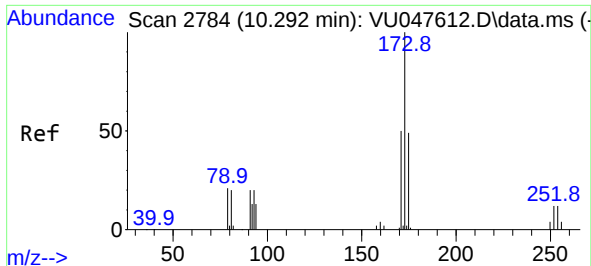
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#66
Styrene
Concen: 0.174 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12

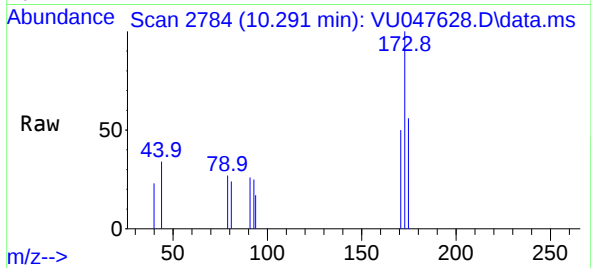
Tgt Ion:104 Resp: 3975
Ion Ratio Lower Upper
104 100
78 47.5 42.4 63.6
103 57.0 44.2 66.4





#67
Bromoform
Concen: 0.200 ug/l
RT: 10.291 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12

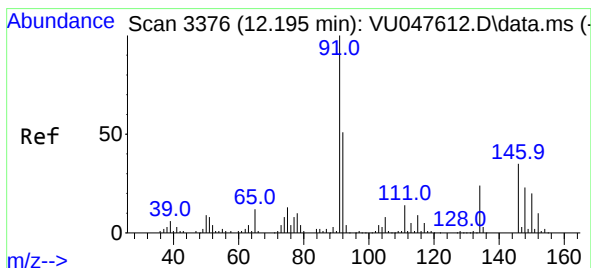
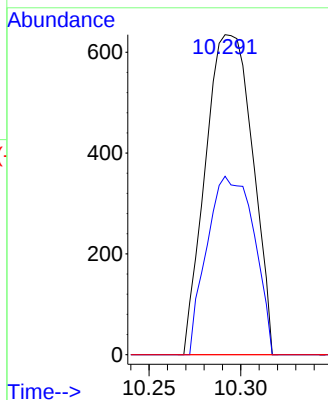
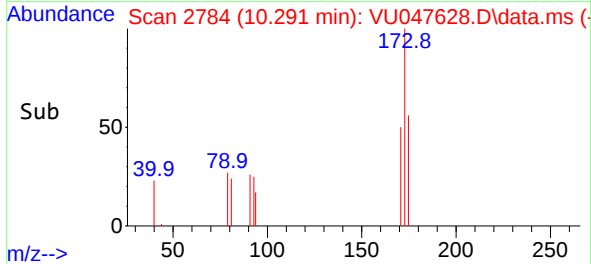
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2022



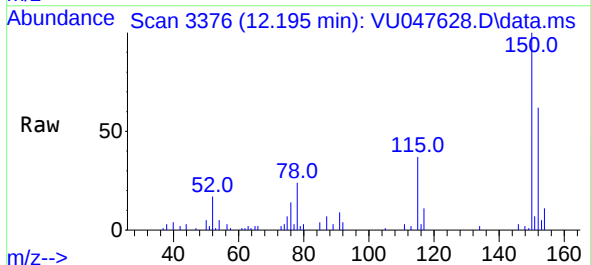
Tgt Ion:173 Resp: 1130
Ion Ratio Lower Upper
173 100
175 55.6 39.0 58.4
254 0.0 5.5 8.3

Manual Integrations
APPROVED

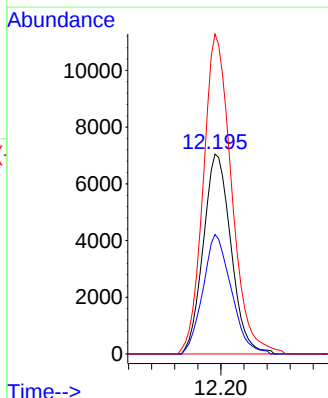
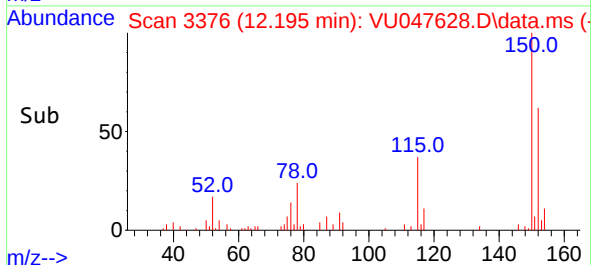
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

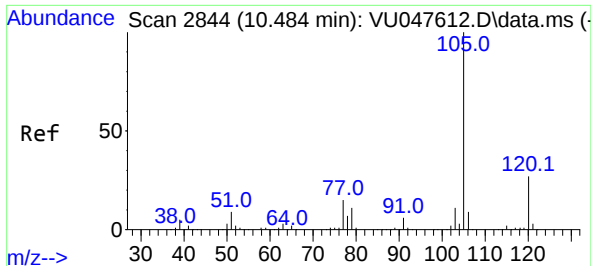


#68
1,2-Dichlorobenzene-d4
Concen: 0.898 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. -0.000 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12



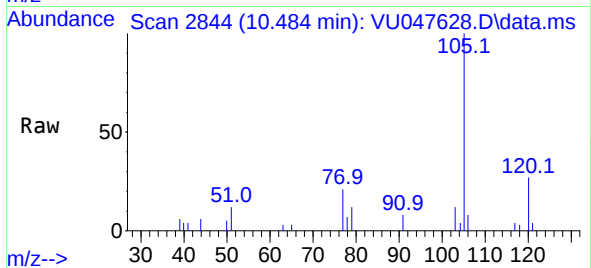
Tgt Ion:152 Resp: 11753
Ion Ratio Lower Upper
152 100
115 61.1 0.0 251.0
150 163.4 0.0 613.8





#69
Isopropylbenzene
Concen: 0.177 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12

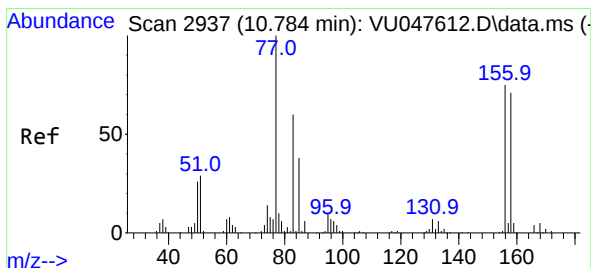
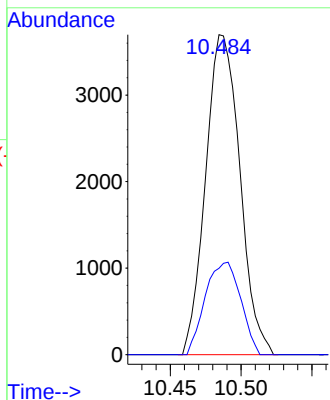
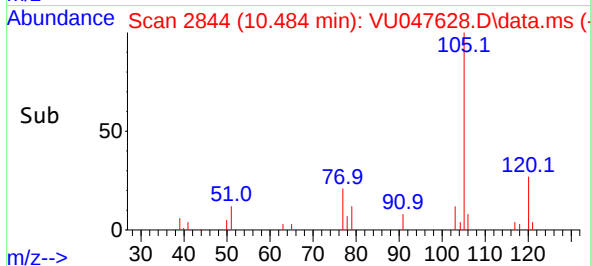
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2022



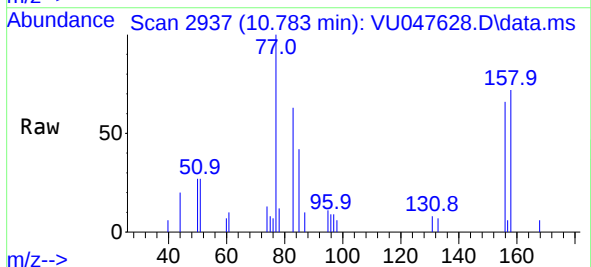
Tgt Ion:105 Resp: 622
Ion Ratio Lower Upper
105 100
120 29.8 12.8 38.4

Manual Integrations
APPROVED

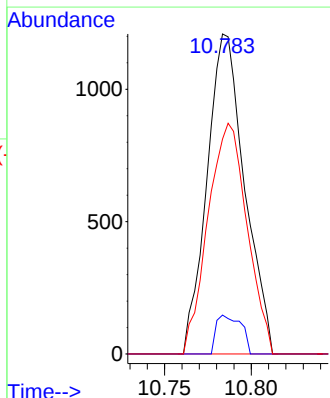
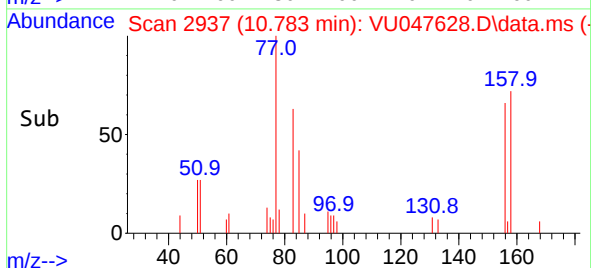
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

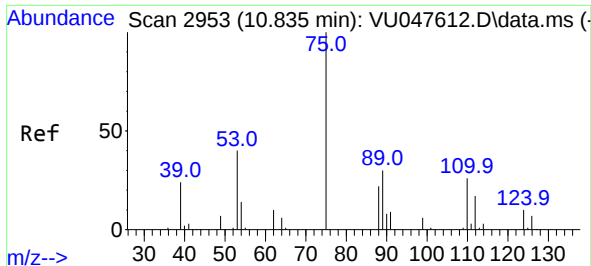


#70
1,1,2,2-Tetrachloroethane
Concen: 0.203 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12



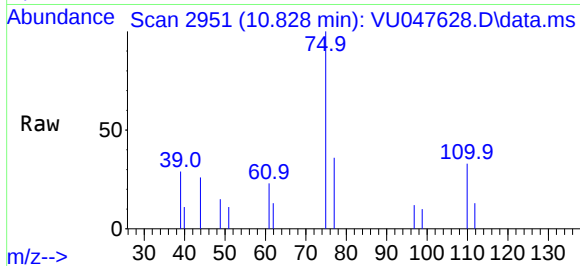
Tgt Ion: 83 Resp: 1826
Ion Ratio Lower Upper
83 100
131 8.0 7.6 11.4
85 74.9 50.9 76.3





#71
1,2,3-Trichloropropane
Concen: 0.190 ug/l m
RT: 10.828 min Scan# 2951
Delta R.T. -0.007 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12

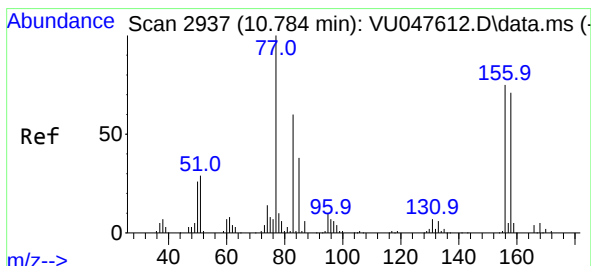
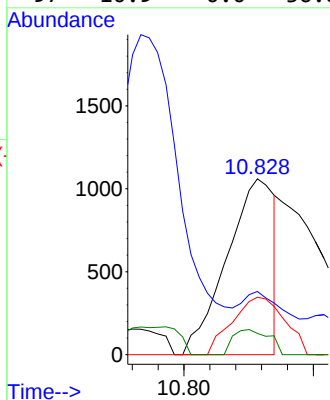
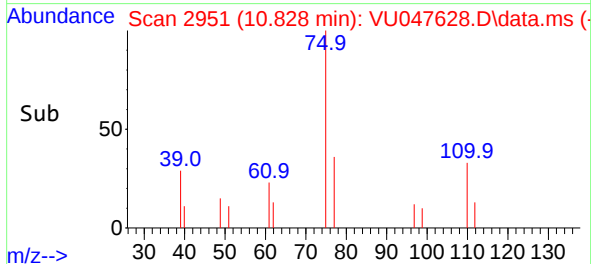
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2022



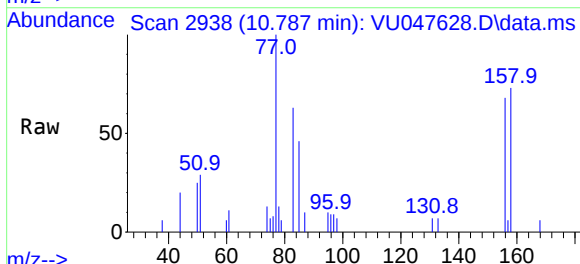
Tgt Ion: 75 Resp: 1352
Ion Ratio Lower Upper
75 100
77 13.7 0.0 105.6
110 35.9 0.0 71.2
97 10.9 0.0 36.8

Manual Integrations
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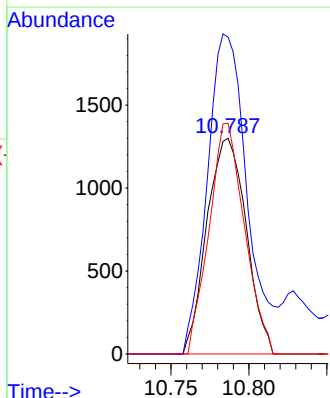
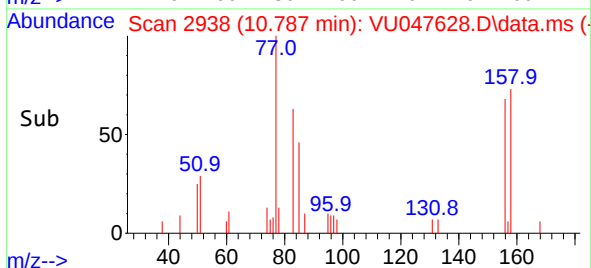
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

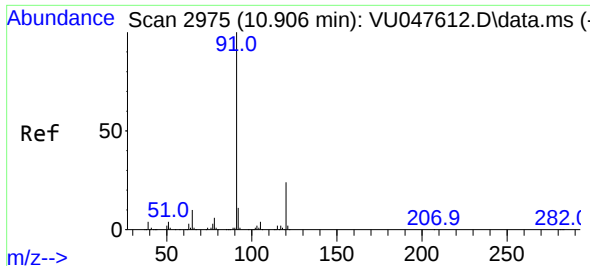


#72
Bromobenzene
Concen: 0.216 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12



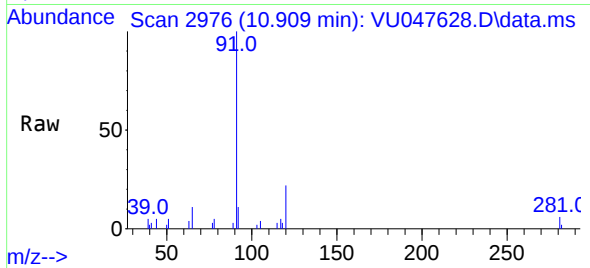
Tgt Ion:156 Resp: 2276
Ion Ratio Lower Upper
156 100
77 151.2 0.0 370.6
158 96.5 0.0 193.4





#73
n-propylbenzene
Concen: 0.179 ug/l
RT: 10.909 min Scan# 2975
Delta R.T. 0.003 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12

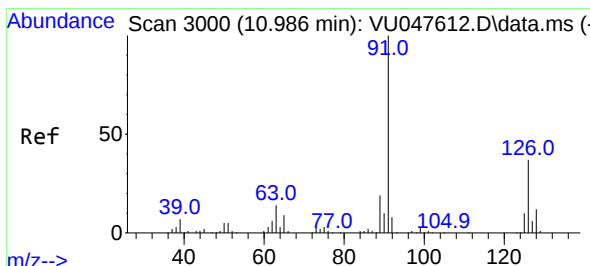
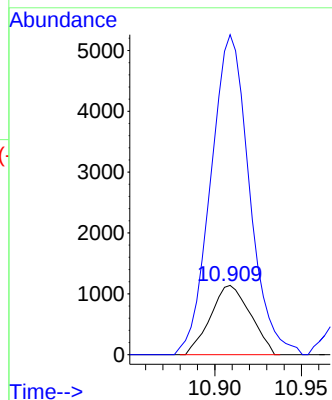
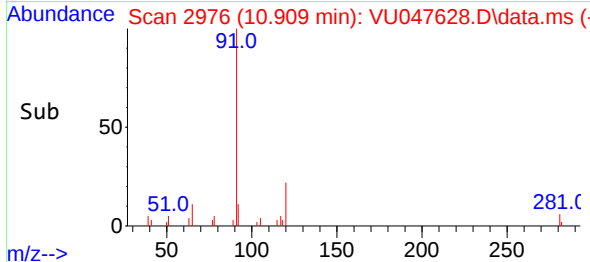
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2022



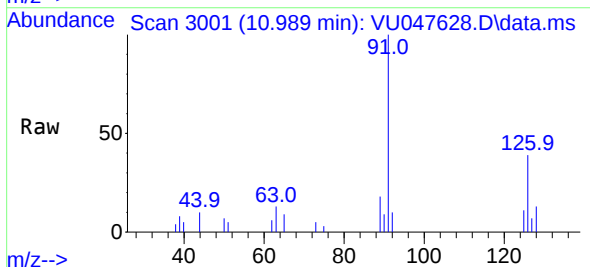
Tgt Ion:120 Resp: 1820
Ion Ratio Lower Upper
120 100
91 447.9 370.7 556.1

Manual Integrations
APPROVED

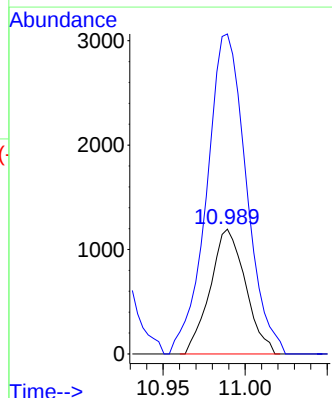
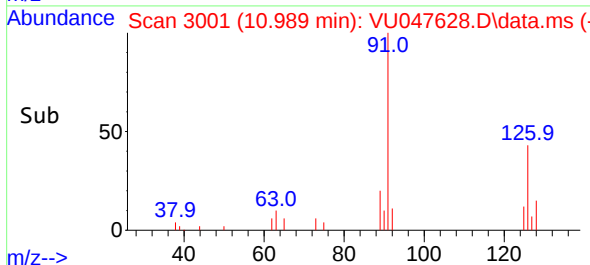
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

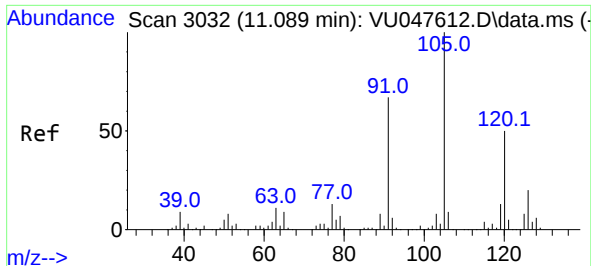


#74
2-Chlorotoluene
Concen: 0.191 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.003 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12



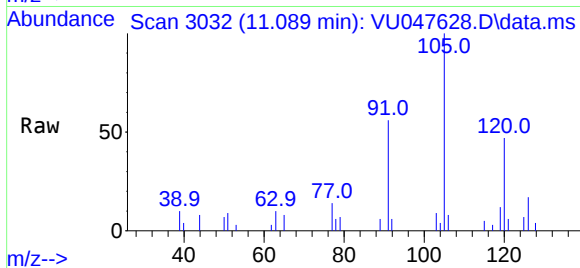
Tgt Ion:126 Resp: 1786
Ion Ratio Lower Upper
126 100
91 287.3 0.0 639.6





#75
1,3,5-Trimethylbenzene
Concen: 0.494 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12

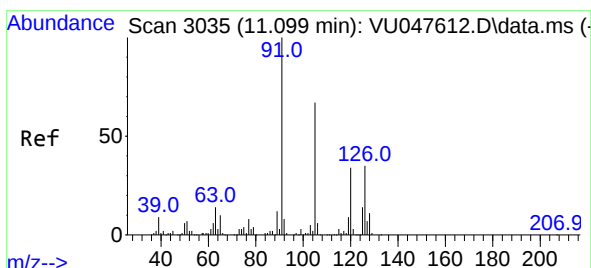
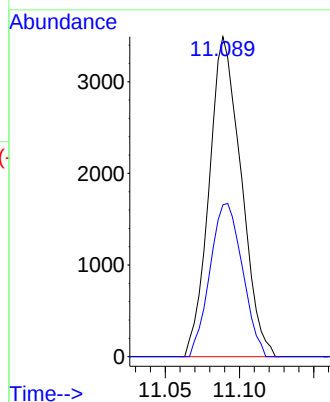
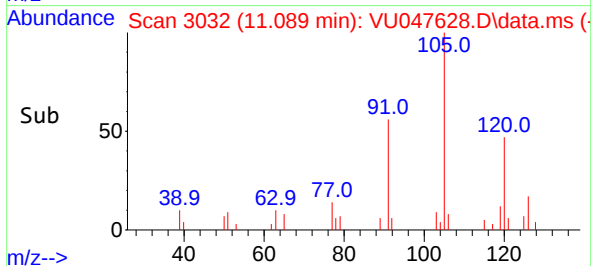
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2022



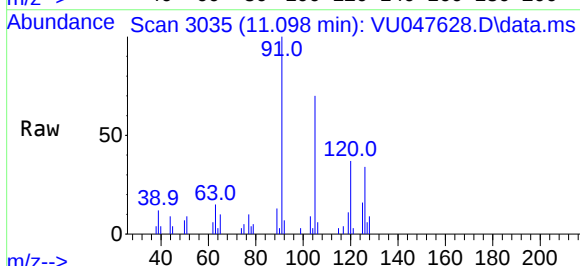
Tgt Ion:105 Resp: 523
Ion Ratio Lower Upper
105 100
120 48.5 38.6 58.0

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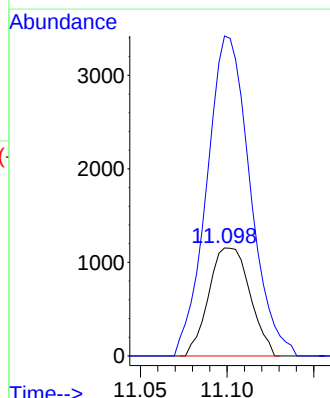
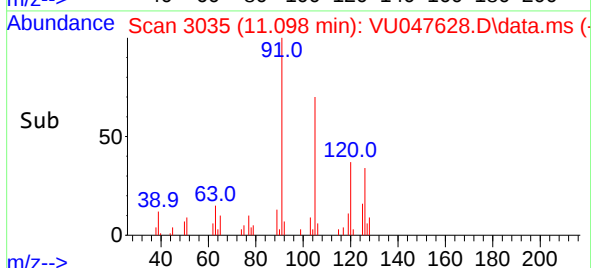
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

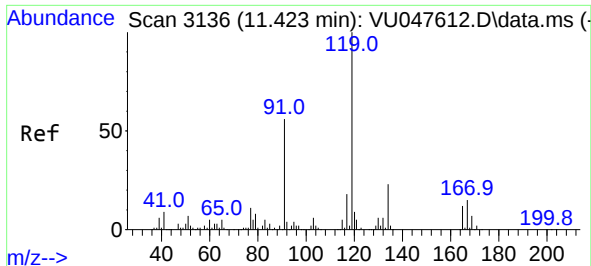


#76
4-Chlorotoluene
Concen: 0.192 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. -0.000 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12



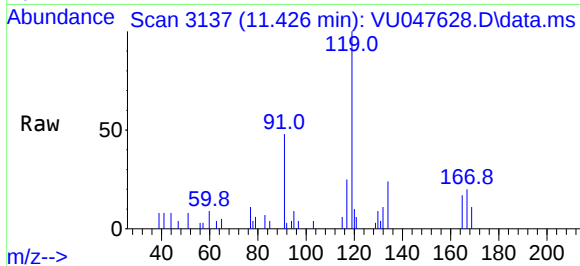
Tgt Ion:126 Resp: 1907
Ion Ratio Lower Upper
126 100
91 310.9 0.0 728.0





#77
tert-Butylbenzene
Concen: 0.193 ug/l
RT: 11.426 min Scan# 3136
Delta R.T. 0.003 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12

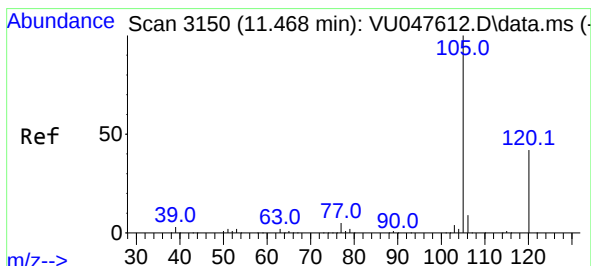
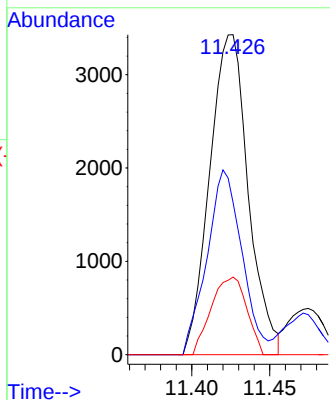
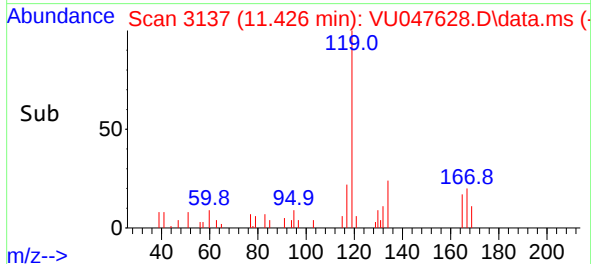
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2022



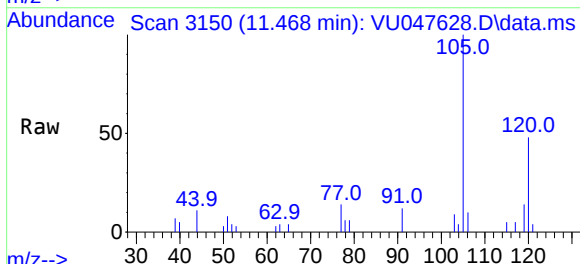
Tgt Ion:119 Resp: 589
Ion Ratio Lower Upper
119 100
91 52.4 31.4 94.3
134 22.3 18.5 27.7

Manual Integrations
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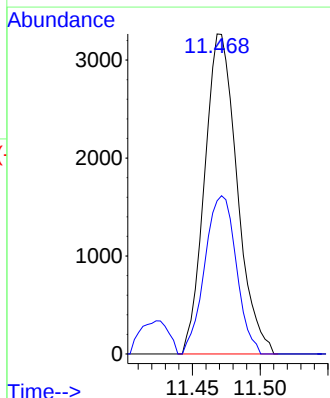
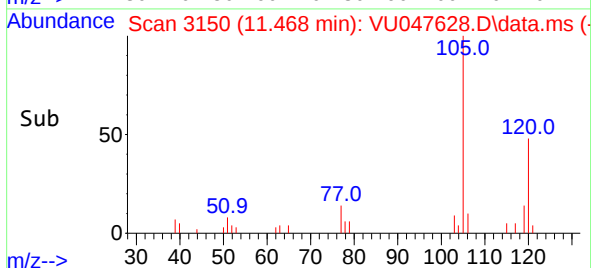
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

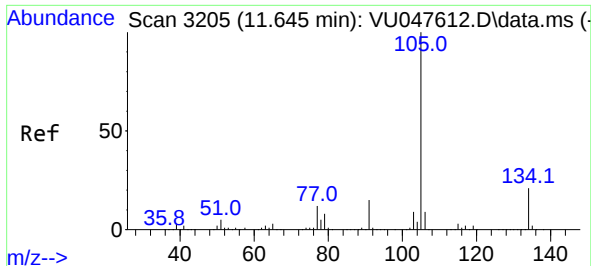


#78
1,2,4-Trimethylbenzene
Concen: 0.494 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12



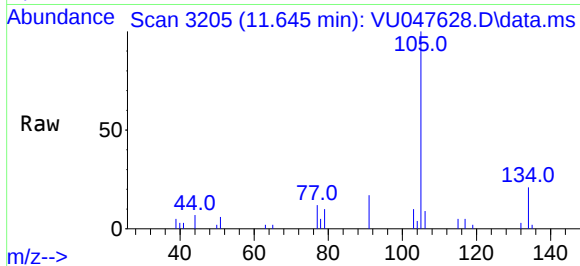
Tgt Ion:105 Resp: 5446
Ion Ratio Lower Upper
105 100
120 48.0 22.3 66.8





#79
 sec-Butylbenzene
 Concen: 0.182 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU047628.D
 Acq: 21 Mar 2022 13:12

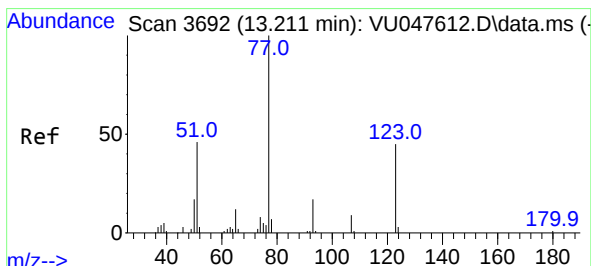
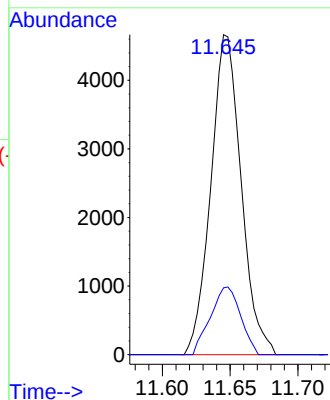
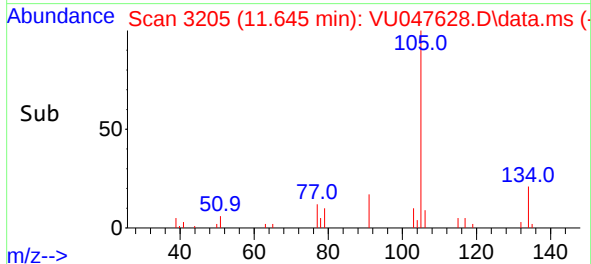
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT1-2022



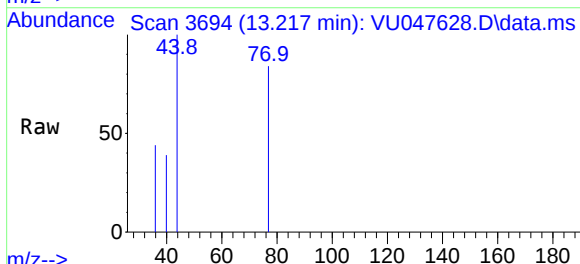
Tgt Ion:105 Resp: 7248
 Ion Ratio Lower Upper
 105 100
 134 21.0 15.4 23.0

Manual Integrations
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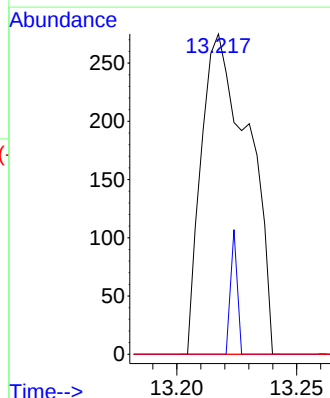
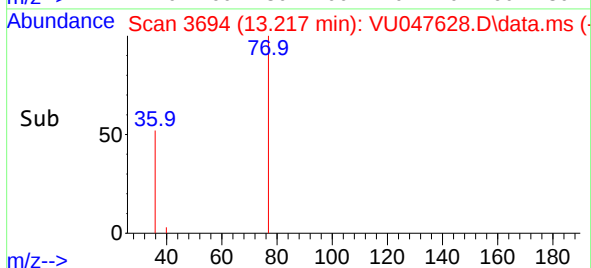
Reviewed By :John Carlone 03/22/2022
 Supervised By :Mahesh Dadoda 04/01/2022

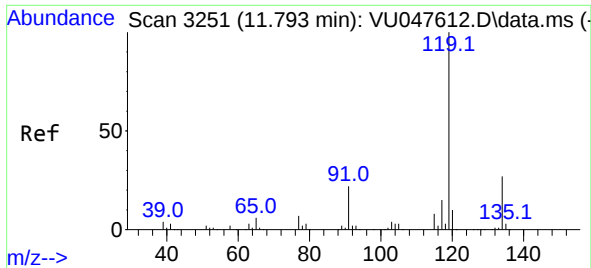


#80
 Nitrobenzene
 Concen: 1.023 ug/l
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.006 min
 Lab File: VU047628.D
 Acq: 21 Mar 2022 13:12



Tgt Ion: 77 Resp: 376
 Ion Ratio Lower Upper
 77 100
 123 5.6 18.2 64.4#
 65 0.0 12.0 15.2#





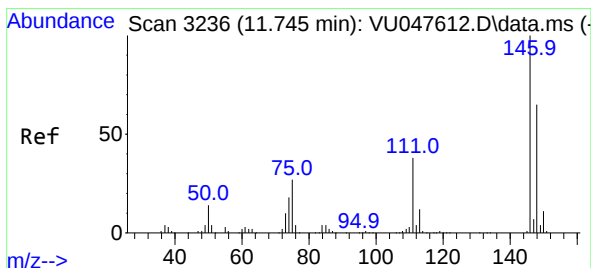
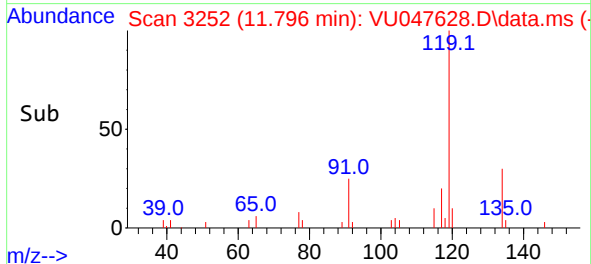
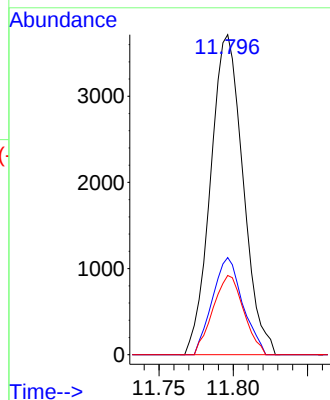
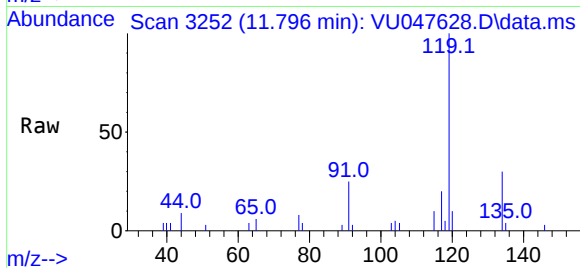
#81
p-Isopropyltoluene
Concen: 0.563 ug/l
RT: 11.796 min Scan# 3119
Delta R.T. 0.003 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12

Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2022

Tgt Ion:	119	Resp:	5649
Ion Ratio	Lower	Upper	
119	100		
134	28.4	20.2	30.4
91	23.5	19.9	29.9

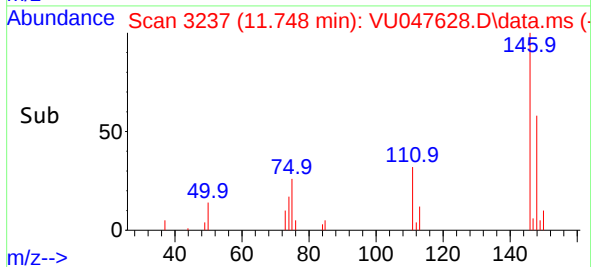
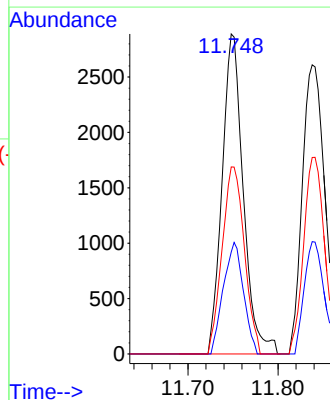
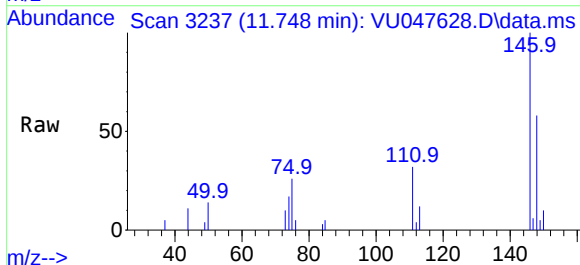
Manual Integrations
APPROVED

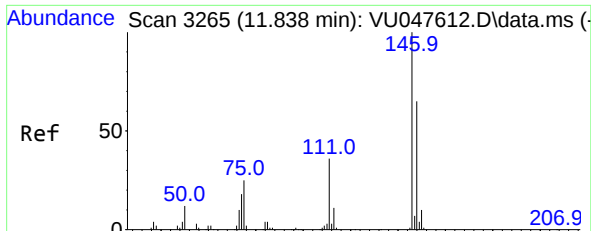
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#82
1,3-Dichlorobenzene
Concen: 0.226 ug/l m
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12

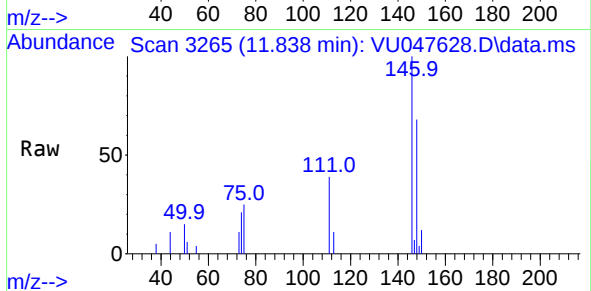
Tgt Ion:	146	Resp:	4704
Ion Ratio	Lower	Upper	
146	100		
111	34.2	33.9	50.9
148	61.2	50.9	76.3





#83
1,4-Dichlorobenzene
Concen: 0.220 ug/l
RT: 11.838 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12

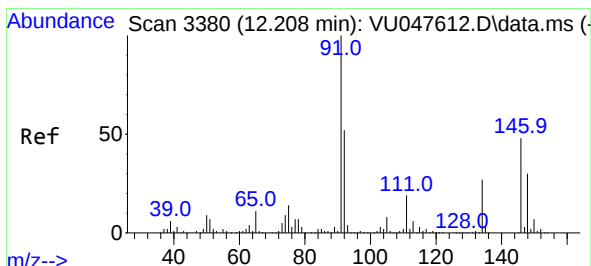
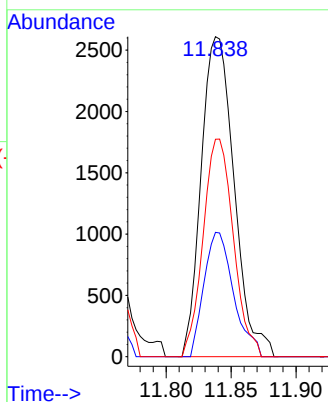
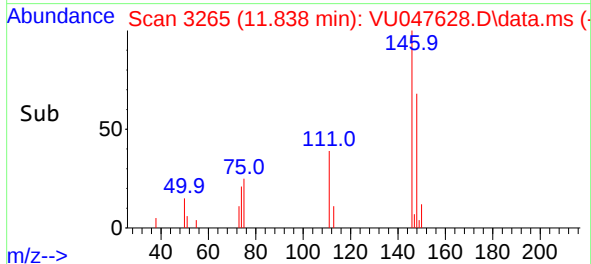
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2022



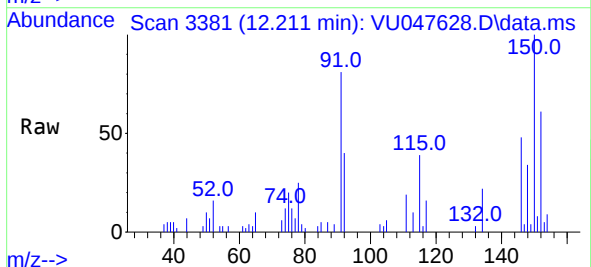
Tgt Ion:146 Resp: 460
Ion Ratio Lower Upper
146 100
111 34.9 32.7 49.1
148 62.5 51.4 77.0

Manual Integrations
APPROVED

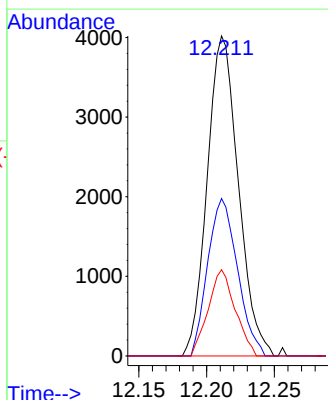
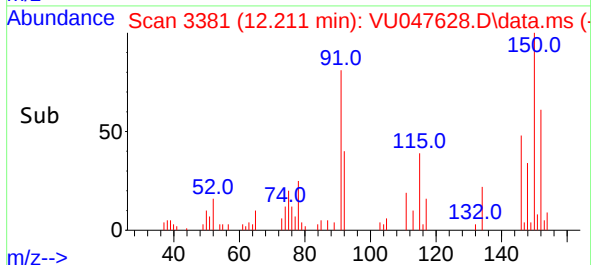
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

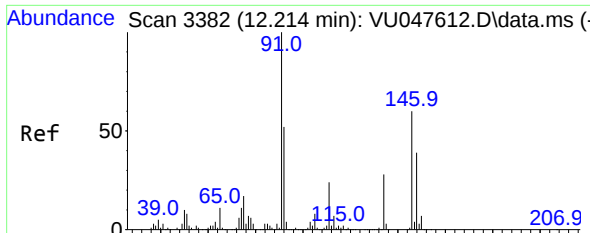


#84
n-Butylbenzene
Concen: 0.616 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12



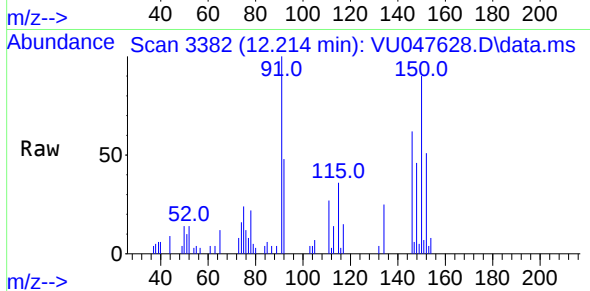
Tgt Ion: 91 Resp: 6418
Ion Ratio Lower Upper
91 100
92 46.9 43.5 65.3
134 23.3 19.0 28.4





#85
1,2-Dichlorobenzene
Concen: 0.215 ug/l
RT: 12.214 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12

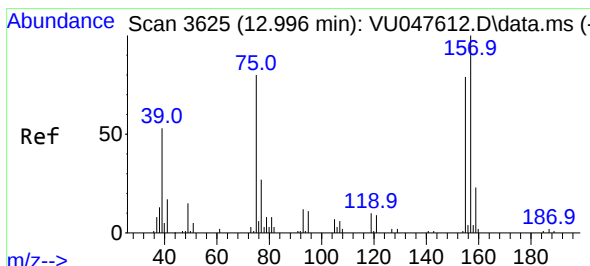
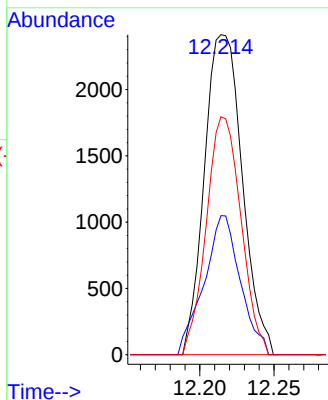
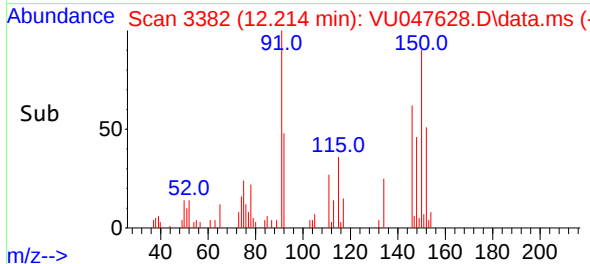
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2022



Tgt Ion:146 Resp: 428
Ion Ratio Lower Upper
146 100
111 41.8 22.1 66.1
148 68.1 31.6 94.7

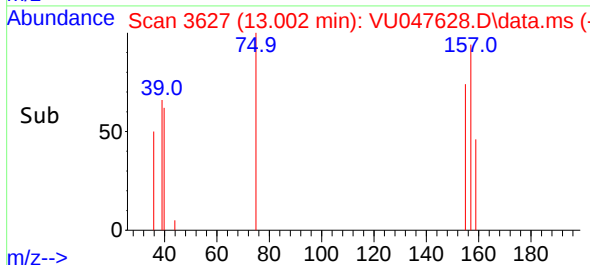
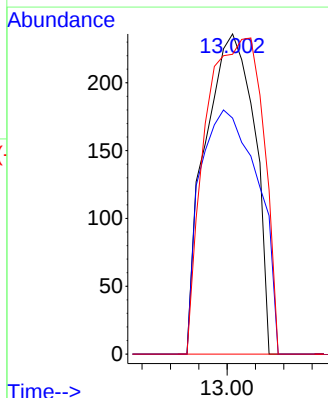
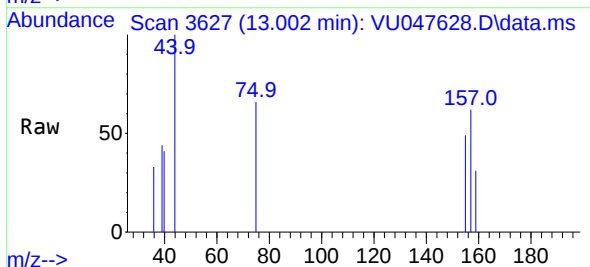
Manual Integrations
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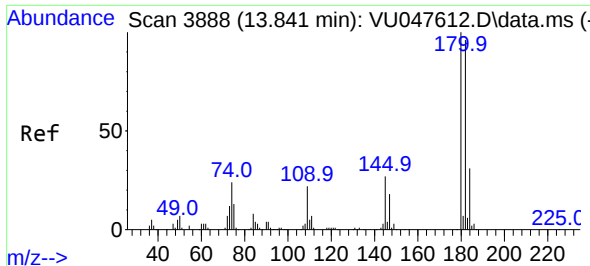
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.188 ug/l
RT: 13.002 min Scan# 3627
Delta R.T. 0.006 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12

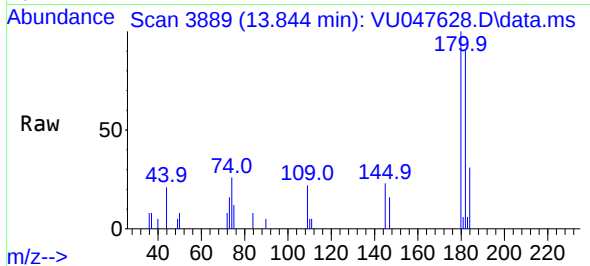
Tgt Ion: 75 Resp: 285
Ion Ratio Lower Upper
75 100
155 89.5 57.8 86.8#
157 115.1 75.1 112.7#





#87
1,2,4-Trichlorobenzene
Concen: 0.247 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. 0.003 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12

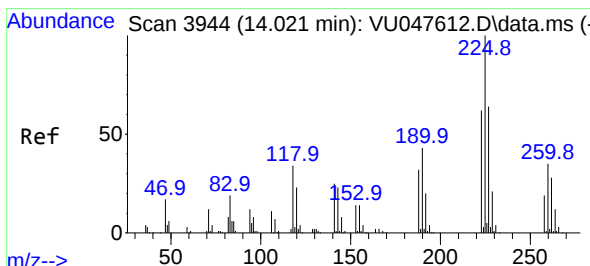
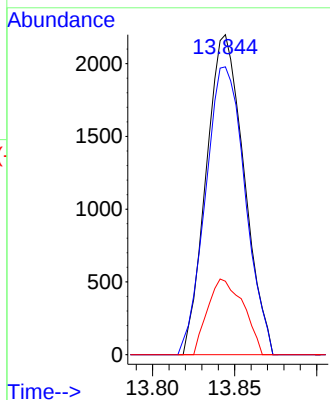
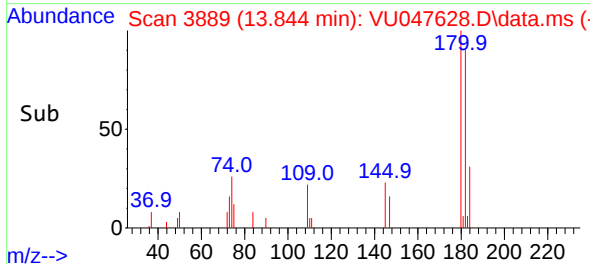
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2022



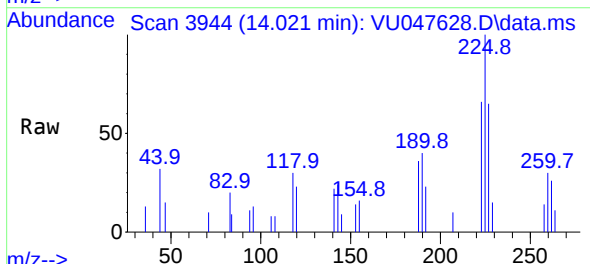
Tgt Ion:180 Resp: 3520
Ion Ratio Lower Upper
180 100
182 94.1 75.8 113.8
145 22.3 25.3 37.9

Manual Integrations
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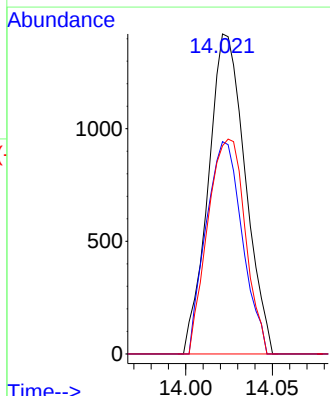
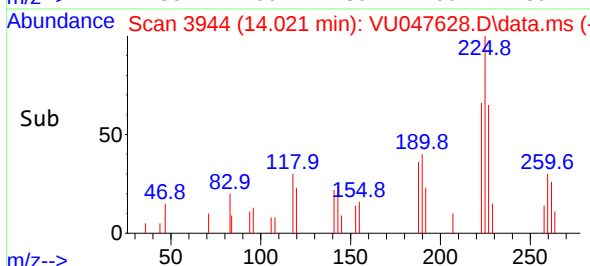
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

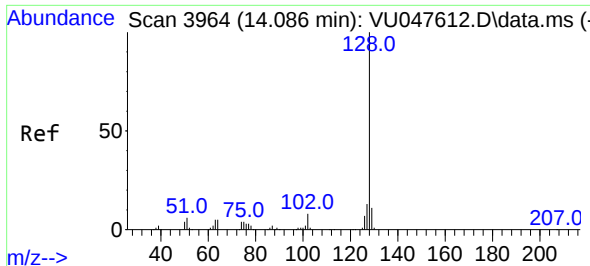


#88
Hexachlorobutadiene
Concen: 0.246 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. -0.000 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12



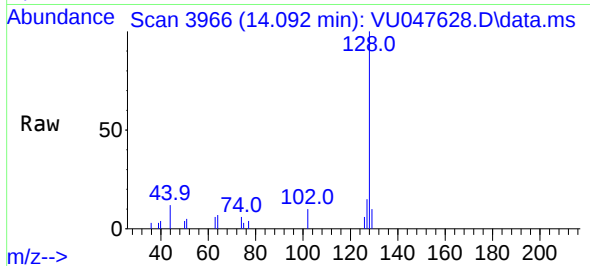
Tgt Ion:225 Resp: 2106
Ion Ratio Lower Upper
225 100
223 65.1 51.1 76.7
227 68.1 49.9 74.9





#89
Naphthalene
Concen: 0.284 ug/l
RT: 14.092 min Scan# 3965
Delta R.T. 0.006 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12

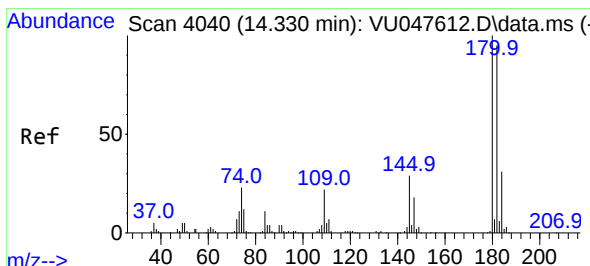
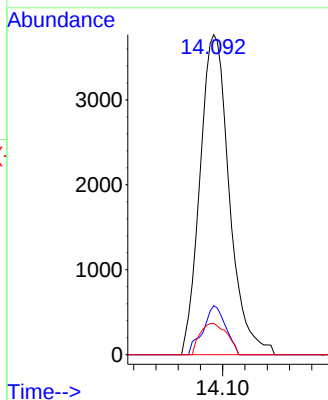
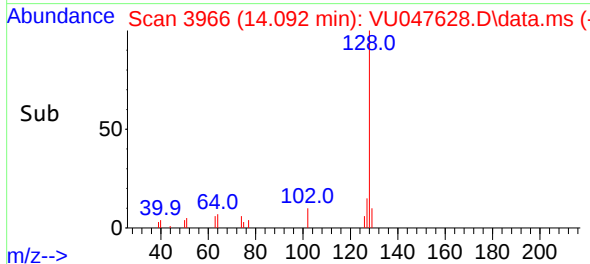
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2022



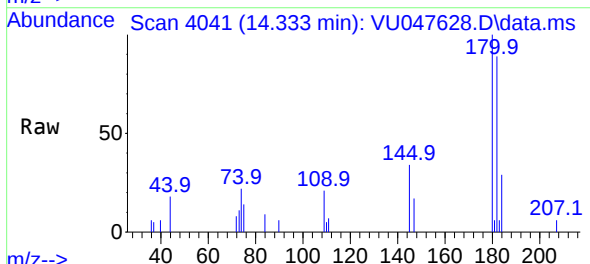
Tgt Ion:128 Resp: 6885
Ion Ratio Lower Upper
128 100
127 11.8 10.6 16.0
129 9.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#90
1,2,3-Trichlorobenzene
Concen: 0.264 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU047628.D
Acq: 21 Mar 2022 13:12



Tgt Ion:180 Resp: 3547
Ion Ratio Lower Upper
180 100
182 91.9 75.4 113.0
145 28.3 27.0 40.4

