

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101321\
 Data File : VU045310.D
 Acq On : 13 Oct 2021 16:03
 Operator : SY/MD
 Sample : M4068-08 1.0PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Oct 14 05:53:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101321DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Oct 14 05:46:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.118	96	40323	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	14454	0.976	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
68) 1,2-Dichlorobenzene-d4	12.198	152	13223	0.954	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	14251	0.925	ug/l	98
3) Chloromethane	1.520	50	16213	1.010	ug/l	99
4) Vinyl Chloride	1.604	62	15880	0.954	ug/l	96
5) Bromomethane	1.858	94	9402	1.029	ug/l	100
6) Chloroethane	1.935	64	10546	0.977	ug/l	96
7) Trichlorofluoromethane	2.141	101	18238	0.940	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	10656	0.950	ug/l	99
9) 1,1-Dichloroethene	2.581	96	9874	0.942	ug/l	98
10) Iodomethane	2.726	142	8925	0.813	ug/l	99
11) Allyl Chloride	2.925	41	14079	0.915	ug/l	100
12) Acrylonitrile	3.330	53	5016m	1.876	ug/l	
13) Acetone	2.642	43	16149m	5.063	ug/l	
14) Carbon Disulfide	2.797	76	30254	0.946	ug/l	99
15) Methylene Chloride	3.051	84	16581	1.306	ug/l	99
16) trans-1,2-Dichloroethene	3.359	96	10697	0.949	ug/l	99
17) 1,1-Dichloroethane	3.877	63	20384	0.964	ug/l	98
18) 2-Butanone	4.723	43	17216	4.245	ug/l	99
19) Cyclohexane	5.394	56	18046m	0.923	ug/l	
20) Methylcyclohexane	6.767	83	17634	0.906	ug/l	99
21) 2,2-Dichloropropane	4.671	77	16591	0.923	ug/l	99
22) cis-1,2-Dichloroethene	4.674	96	11676	0.942	ug/l	97
23) Diethyl Ether	2.382	59	9378	0.945	ug/l	94
24) tert-Butyl Alcohol	3.215	59	6520m	8.381	ug/l	
25) Methyl tert-Butyl Ether	3.375	73	27509	0.939	ug/l	96
26) Bromochloromethane	4.983	128	5058	0.955	ug/l	96
27) Chloroform	5.095	83	21032	0.972	ug/l	99
28) 1,1,1-Trichloroethane	5.321	97	16721	0.943	ug/l	98
29) 1,1-Dichloropropene	5.533	75	15195	0.938	ug/l	98
30) Carbon Tetrachloride	5.530	117	12875	0.937	ug/l	96
31) Isopropyl Ether	4.005	45	31493	0.941	ug/l	98
32) Ethyl-t-butyl ether	4.510	59	31506	0.935	ug/l	98
33) Tert-Amyl methyl ether	5.948	73	27862	0.933	ug/l	99
34) Propionitrile	4.803	54	4874m	4.829	ug/l	
35) Benzene	5.780	78	44718	0.955	ug/l	100
36) 1,2-Dichloroethane	5.800	62	14087	0.942	ug/l	99
37) Trichloroethene	6.549	130	10901	0.957	ug/l	99
38) 1,2-Dichloropropane	6.796	63	11551	0.950	ug/l	97
39) Methacrylonitrile	4.986	41	3828	0.958	ug/l	89
40) Methyl acrylate	4.858	55	5084	0.764	ug/l	# 90
41) Tetrahydrofuran	5.076	42	4000	1.750	ug/l	# 73
42) 1-Chlorobutane	5.465	56	21469	0.922	ug/l	95
43) Dibromomethane	6.925	93	5930	0.983	ug/l	95
44) Bromodichloromethane	7.111	83	13836	0.920	ug/l	96

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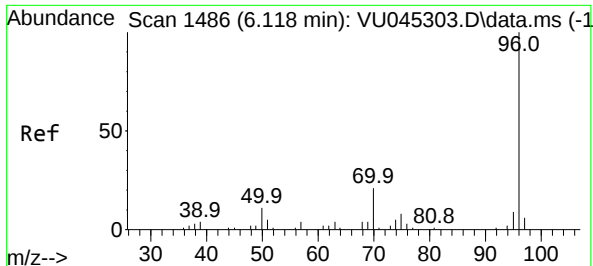
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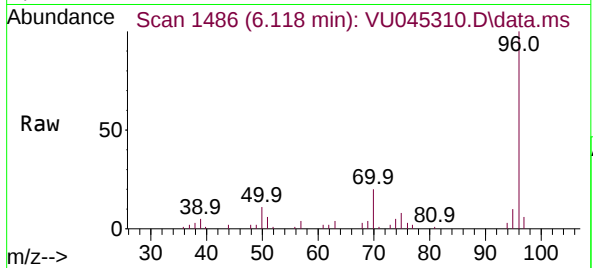
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101321DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Oct 14 05:46:27 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.800	43	38313	4.652	ug/l	100
46) t-1,4-Dichloro-2-butene	10.835	75	5834m	2.012	ug/l	
47) Methyl methacrylate	6.967	69	11406	1.865	ug/l	98
48) Ethyl methacrylate	8.340	69	10837	0.897	ug/l	98
49) Toluene	7.973	92	26492	0.919	ug/l	99
50) t-1,3-Dichloropropene	8.218	75	13391	0.909	ug/l	98
51) cis-1,3-Dichloropropene	7.613	75	15634	0.909	ug/l	98
52) 1,1,2-Trichloroethane	8.407	97	8187	0.941	ug/l	96
53) 1,3-Dichloropropane	8.581	76	15423	0.952	ug/l	99
54) 2-Hexanone	8.693	43	28933	4.547	ug/l	99
55) Dibromochloromethane	8.816	129	8160	0.893	ug/l	98
56) 1,2-Dibromoethane	8.928	107	7866	0.961	ug/l	100
58) Tetrachloroethene	8.558	164	9408	0.916	ug/l	93
59) Chlorobenzene	9.452	112	27980	0.937	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.539	131	9215	0.928	ug/l	99
61) Pentachloroethane	11.433	117	6889	0.953	ug/l	95
62) Hexachloroethane	12.481	117	6825	0.899	ug/l	95
63) Ethyl Benzene	9.574	91	47639	0.887	ug/l	99
64) m/p-Xylenes	9.697	106	35832	1.759	ug/l	97
65) o-Xylene	10.105	106	17864	0.898	ug/l	98
66) Styrene	10.118	104	28524	0.877	ug/l	99
67) Bromoform	10.295	173	4273	0.893	ug/l #	99
69) Isopropylbenzene	10.488	105	46355	0.887	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.787	83	10591	0.948	ug/l	99
71) 1,2,3-Trichloropropane	10.828	75	10788m	1.171	ug/l	
72) Bromobenzene	10.787	156	10904	0.945	ug/l	97
73) n-propylbenzene	10.909	120	12365	0.905	ug/l	100
74) 2-Chlorotoluene	10.992	126	10668	0.904	ug/l	96
75) 1,3,5-Trimethylbenzene	11.092	105	39081	0.897	ug/l	99
76) 4-Chlorotoluene	11.102	126	10543	0.874	ug/l	91
77) tert-Butylbenzene	11.423	119	37778	0.893	ug/l	99
78) 1,2,4-Trimethylbenzene	11.471	105	39089	0.878	ug/l	99
79) sec-Butylbenzene	11.648	105	51127	0.877	ug/l	99
80) Nitrobenzene	13.217	77	1422	4.469	ug/l #	73
81) p-Isopropyltoluene	11.796	119	40422	0.864	ug/l	98
82) 1,3-Dichlorobenzene	11.751	146	21757	0.944	ug/l	99
83) 1,4-Dichlorobenzene	11.841	146	21248	0.932	ug/l	98
84) n-Butylbenzene	12.214	91	37907	0.850	ug/l	97
85) 1,2-Dichlorobenzene	12.217	146	20358	0.930	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	13.002	75	1796	0.967	ug/l	94
87) 1,2,4-Trichlorobenzene	13.844	180	11326	0.839	ug/l	96
88) Hexachlorobutadiene	14.024	225	5963	0.945	ug/l	97
89) Naphthalene	14.092	128	21647	0.816	ug/l	99
90) 1,2,3-Trichlorobenzene	14.333	180	10661	0.851	ug/l	98

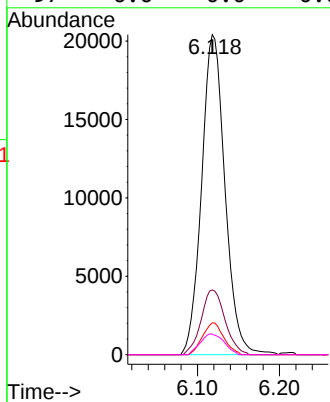
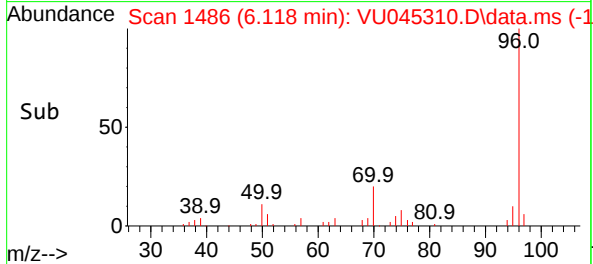
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VU045310.D
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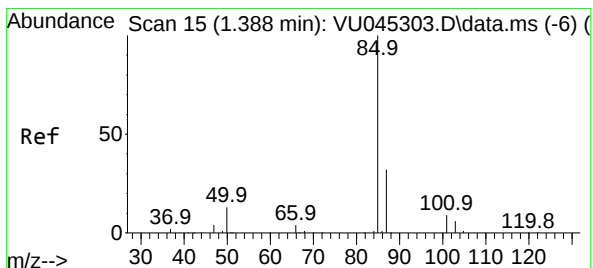
Tgt Ion: 96	Resp: 40323
Ion Ratio	Lower Upper
96 100	
70 20.7	16.8 25.2
95 9.1	7.3 10.9
97 6.6	0.0 0.0#



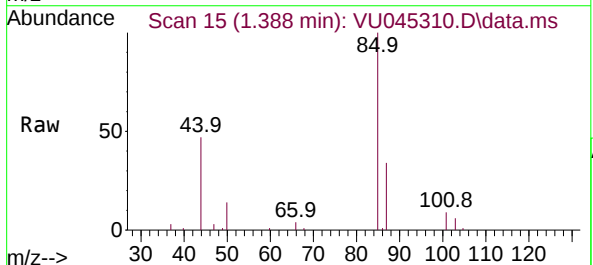
Instrument :
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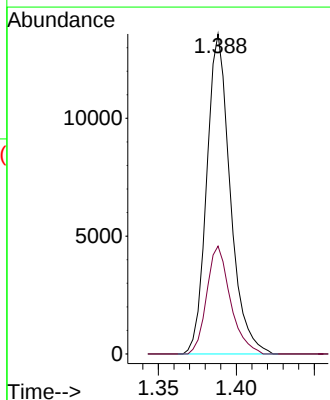
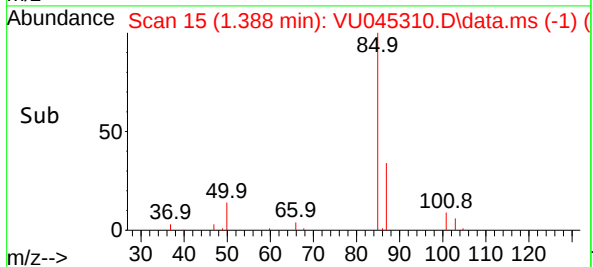
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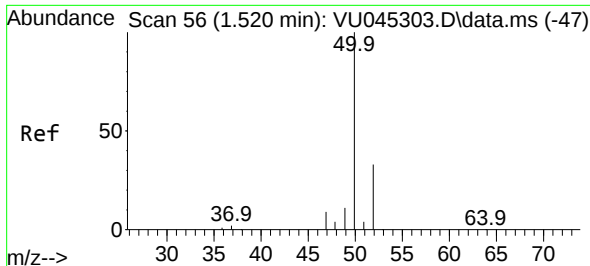


#2
Dichlorodifluoromethane
Concen: 0.925 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03



Tgt Ion: 85	Resp: 14251
Ion Ratio	Lower Upper
85 100	
87 33.7	16.2 48.6





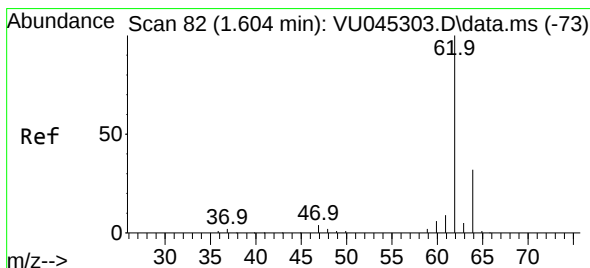
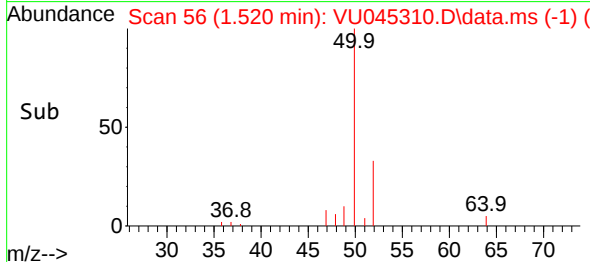
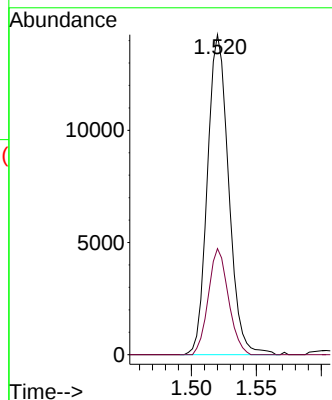
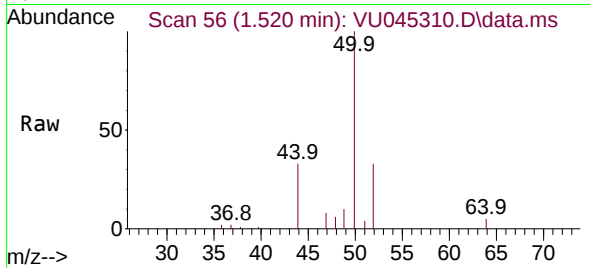
#3
Chloromethane
Concen: 1.010 ug/l
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

Tgt Ion: 50 Resp: 16213
Ion Ratio Lower Upper
50 100
52 33.1 26.2 39.4

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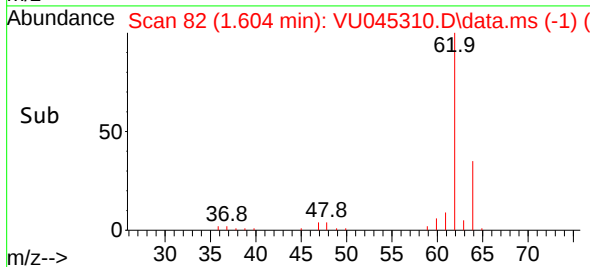
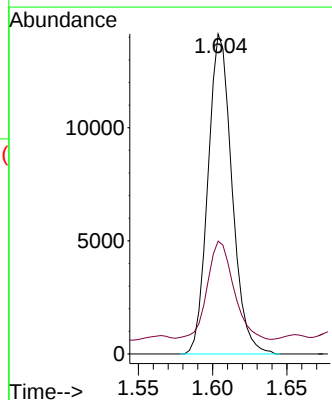
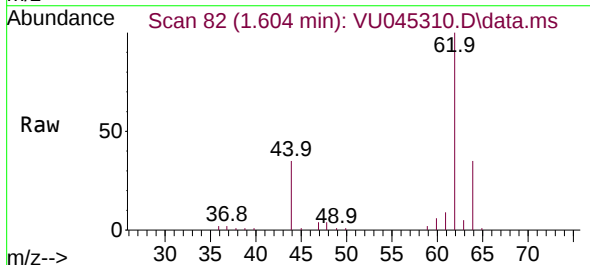
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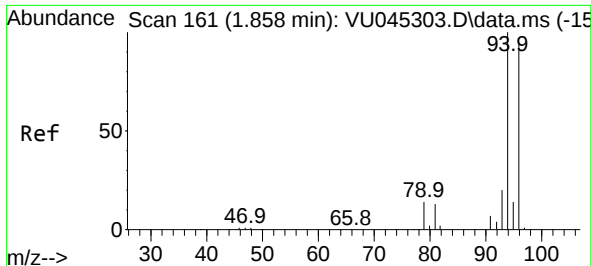
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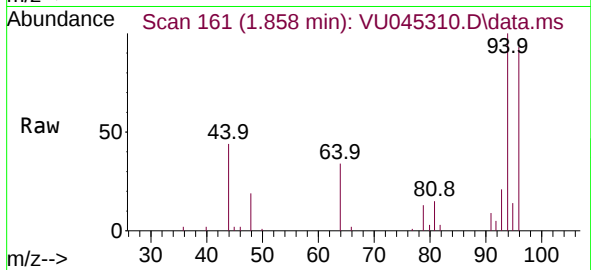
#4
Vinyl Chloride
Concen: 0.954 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

Tgt Ion: 62 Resp: 15880
Ion Ratio Lower Upper
62 100
64 30.2 26.0 39.0

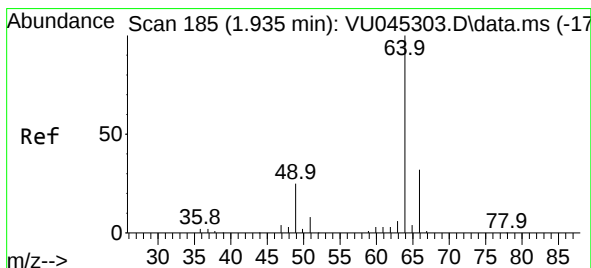
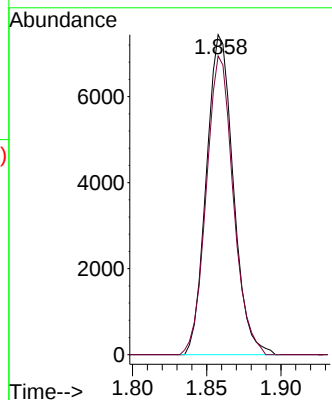
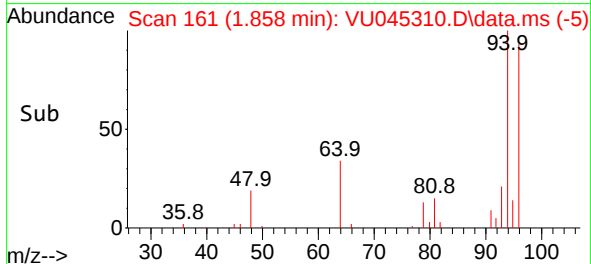




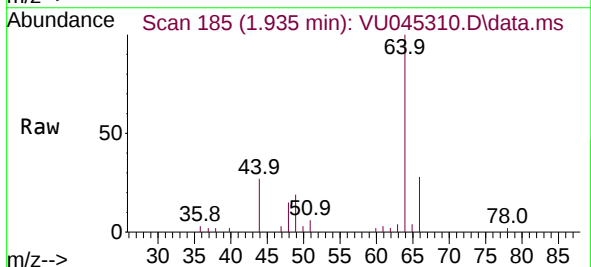
#5
Bromomethane
Concen: 1.029 ug/l
RT: 1.858 min Scan# 161
Delta R.T. 0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03



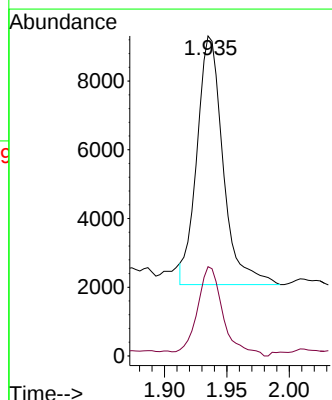
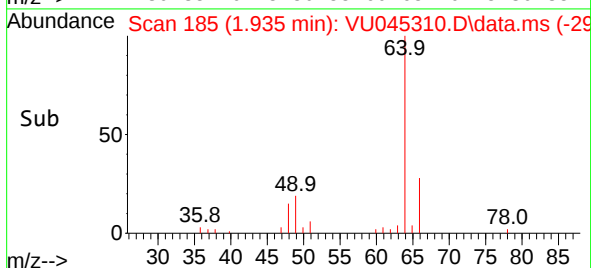
Tgt Ion: 94 Resp: 9402
Ion Ratio Lower Upper
94 100
96 93.4 75.0 112.4



#6
Chloroethane
Concen: 0.977 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03



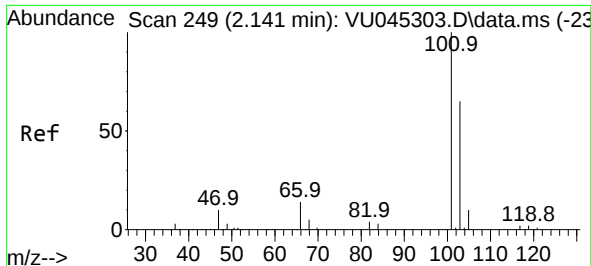
Tgt Ion: 64 Resp: 10546
Ion Ratio Lower Upper
64 100
66 34.3 25.8 38.8



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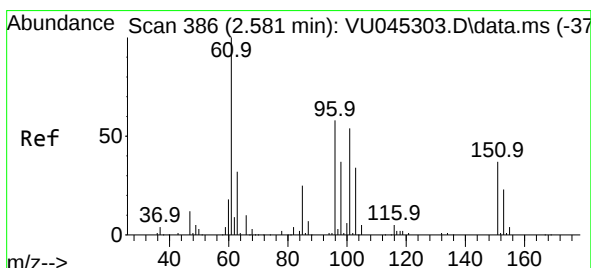
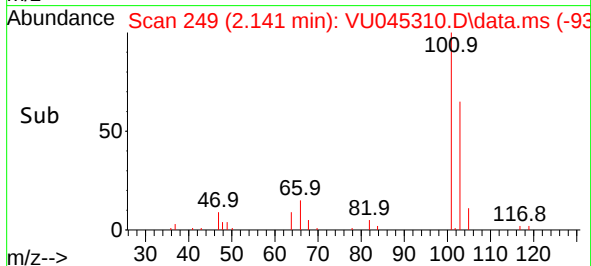
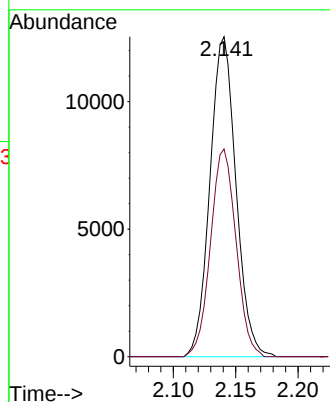
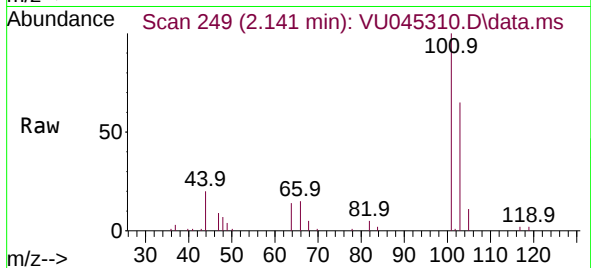
#7
 Trichlorofluoromethane
 Concen: 0.940 ug/l
 RT: 2.141 min Scan# 249
 Delta R.T. -0.000 min
 Lab File: VU045310.D
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Tgt Ion:101 Resp: 18238
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.2 78.2

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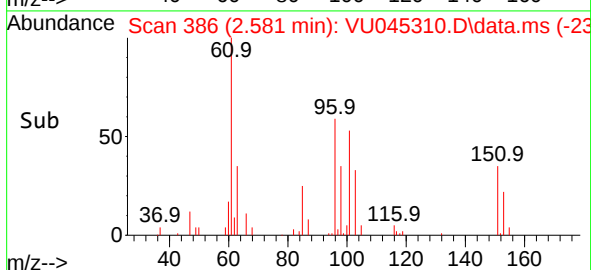
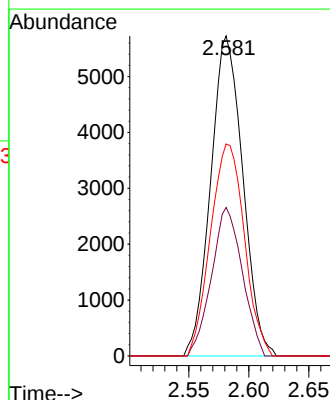
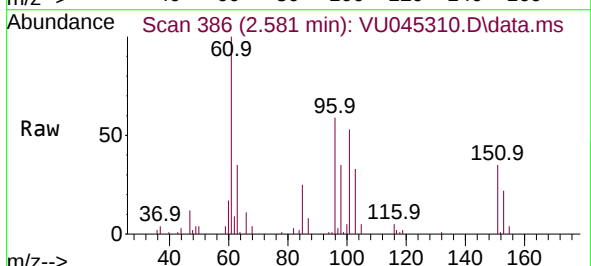
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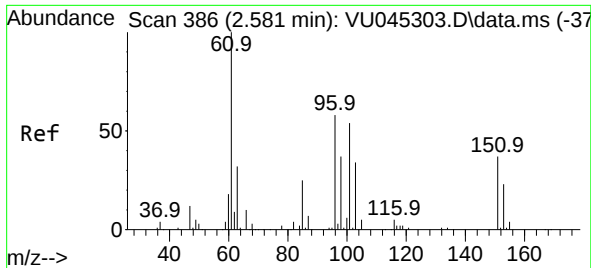
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#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.950 ug/l
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU045310.D
 Acq: 13 Oct 2021 16:03

Tgt Ion:101 Resp: 10656
 Ion Ratio Lower Upper
 101 100
 85 44.5 35.8 53.6
 151 69.8 54.6 81.8





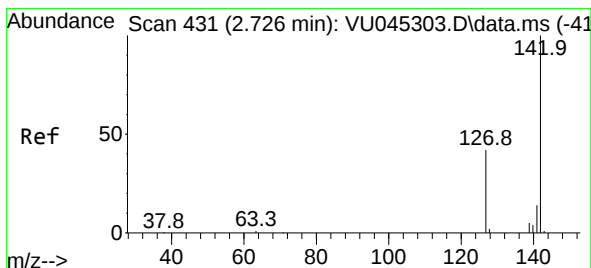
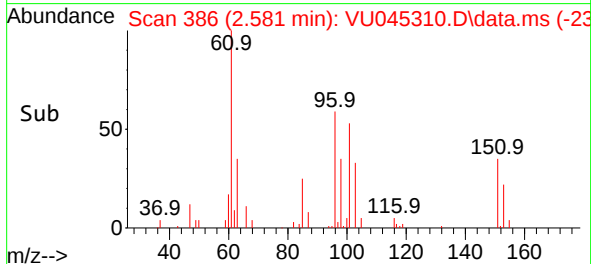
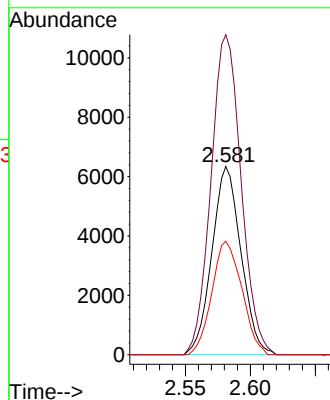
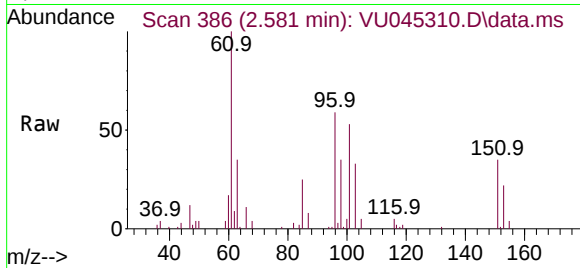
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1,1-Dichloroethene
Concen: 0.942 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

Tgt Ion: 96 Resp: 9874
Ion Ratio Lower Upper
96 100
61 170.1 0.0 514.2
98 60.3 0.0 126.4

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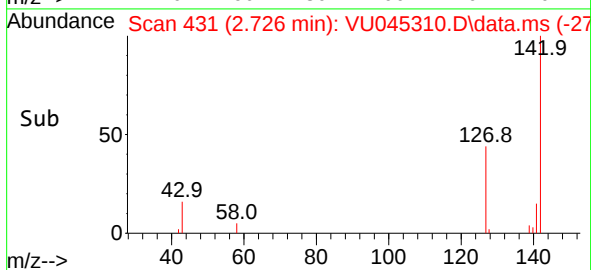
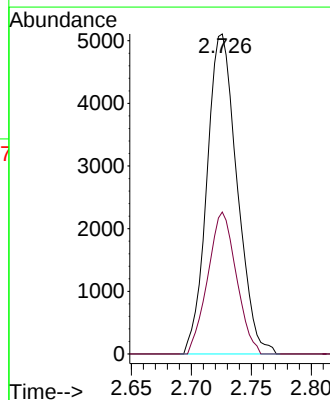
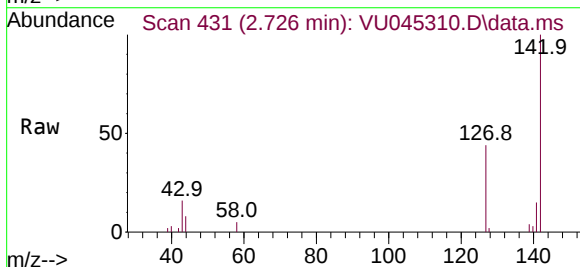
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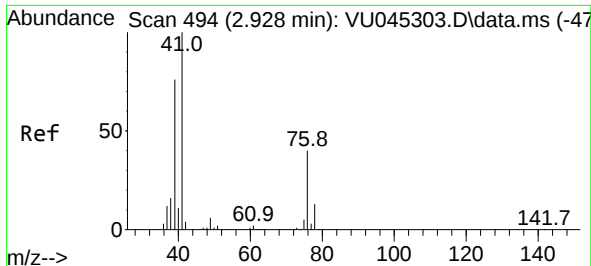
apatel
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#10
Iodomethane
Concen: 0.813 ug/l
RT: 2.726 min Scan# 431
Delta R.T. -0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

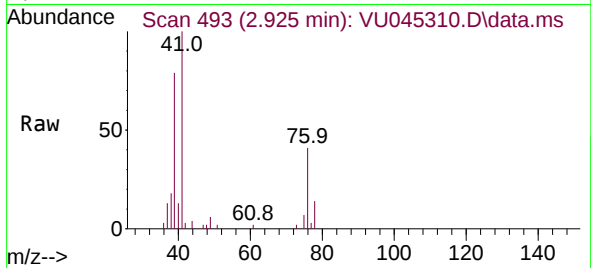
Tgt Ion: 142 Resp: 8925
Ion Ratio Lower Upper
142 100
127 42.0 33.2 49.8





#11
 Allyl Chloride
 Concen: 0.915 ug/l
 RT: 2.925 min Scan# 493
 Delta R.T. -0.003 min
 Lab File: VU045310.D
 Acq: 13 Oct 2021 16:03

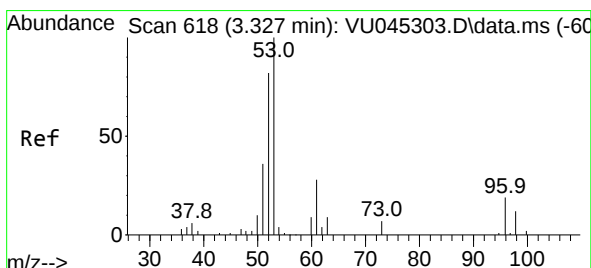
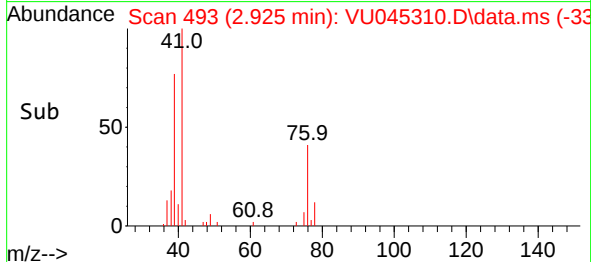
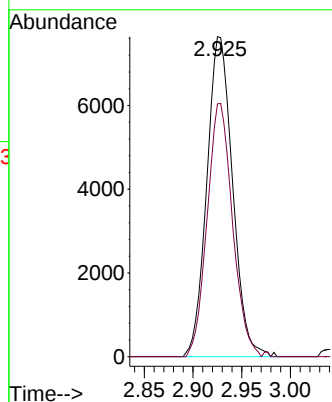
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT4-2021



Tgt Ion: 41 Resp: 14079
 Ion Ratio Lower Upper
 41 100
 39 77.8 62.4 93.6

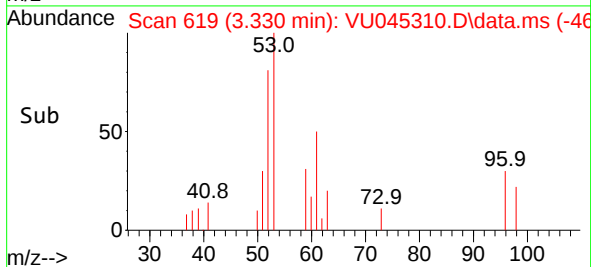
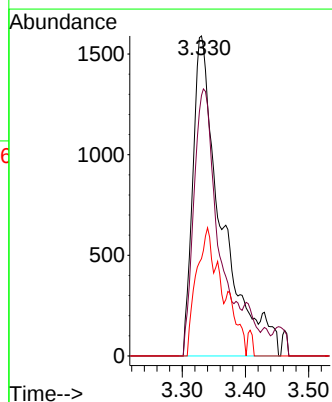
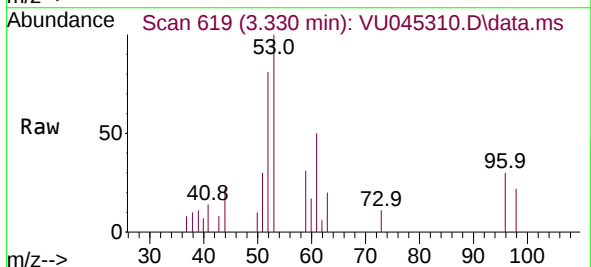
Manual Integrations
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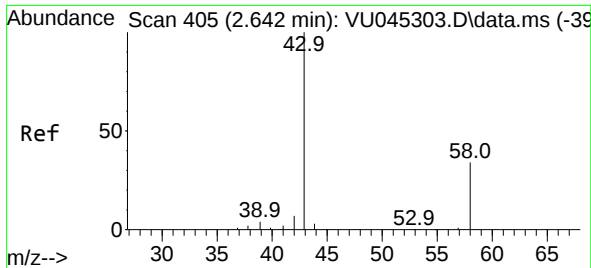
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#12
 Acrylonitrile
 Concen: 1.876 ug/l m
 RT: 3.330 min Scan# 619
 Delta R.T. 0.003 min
 Lab File: VU045310.D
 Acq: 13 Oct 2021 16:03

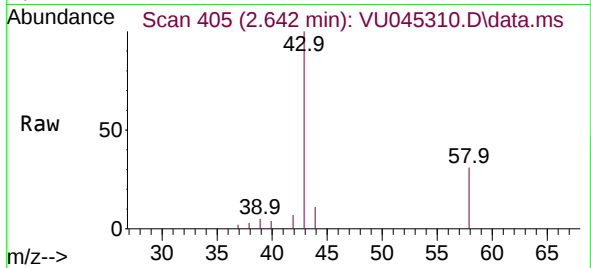
Tgt Ion: 53 Resp: 5016
 Ion Ratio Lower Upper
 53 100
 52 70.8 56.7 85.1
 51 22.0 30.3 45.5#





#13
Acetone
Concen: 5.063 ug/l m
RT: 2.642 min Scan# 405
Delta R.T. 0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

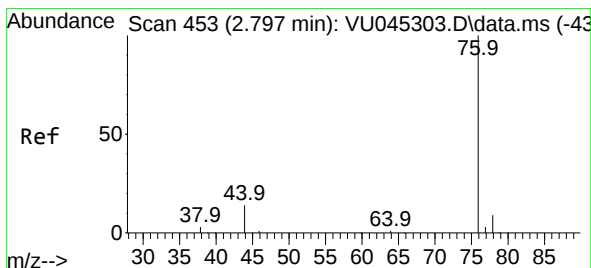
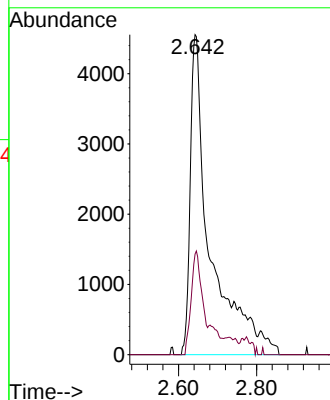
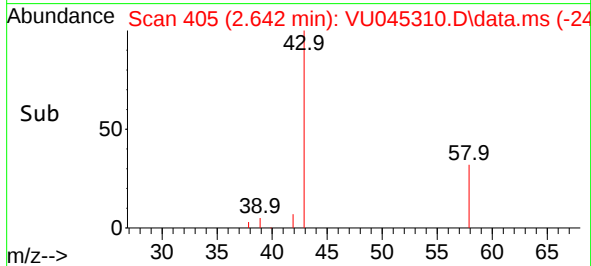
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2021



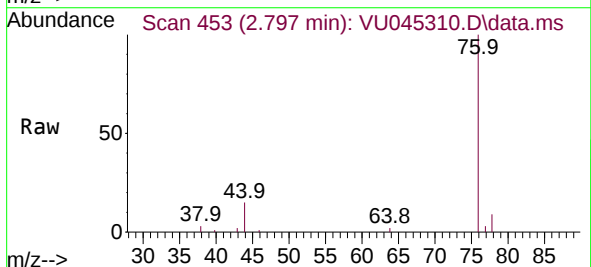
Tgt Ion: 43 Resp: 16149
Ion Ratio Lower Upper
43 100
58 31.4 27.1 40.7

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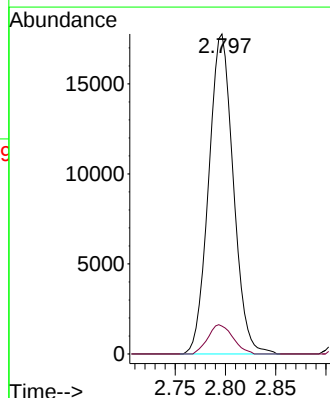
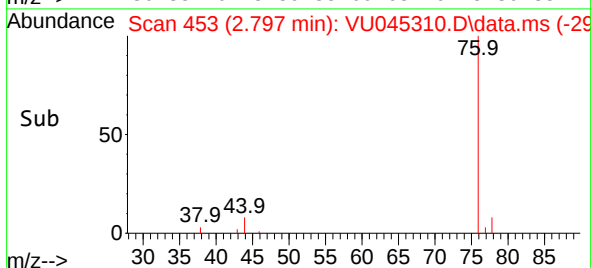
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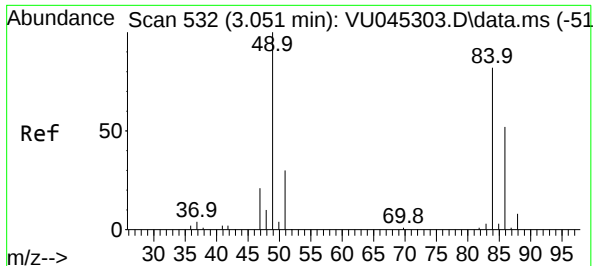


#14
Carbon Disulfide
Concen: 0.946 ug/l
RT: 2.797 min Scan# 453
Delta R.T. 0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03



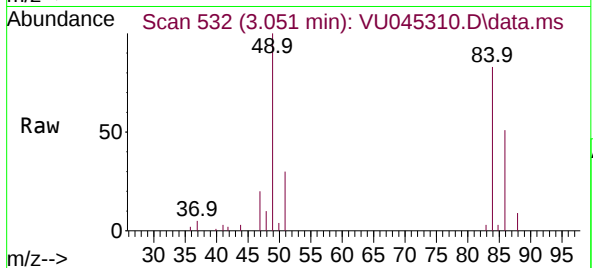
Tgt Ion: 76 Resp: 30254
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7





#15
Methylene Chloride
Concen: 1.306 ug/l
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

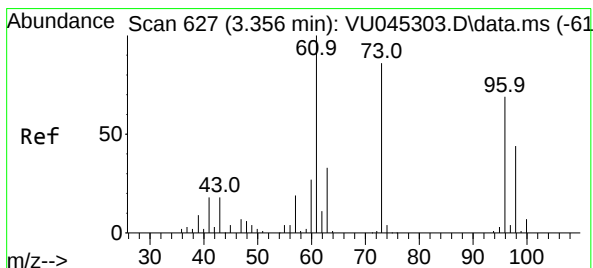
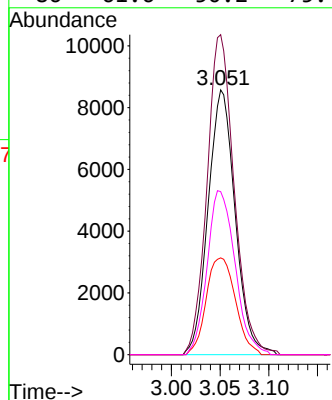
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2021



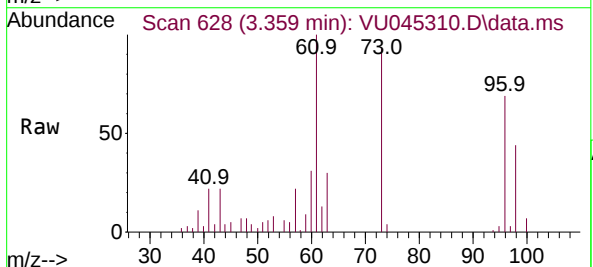
Tgt Ion:	84	Resp:	16581
Ion	Ratio	Lower	Upper
84	100		
49	120.8	97.2	145.8
51	36.6	0.0	73.4
86	61.6	50.2	75.4

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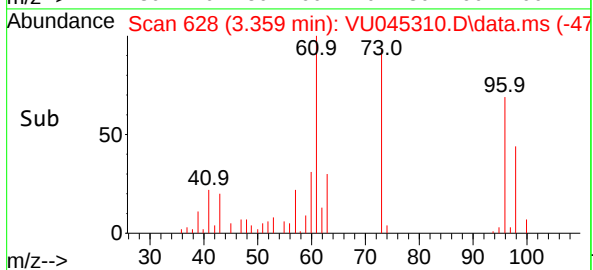
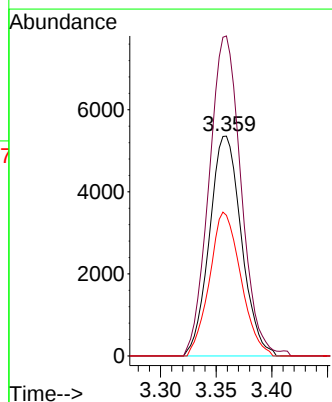
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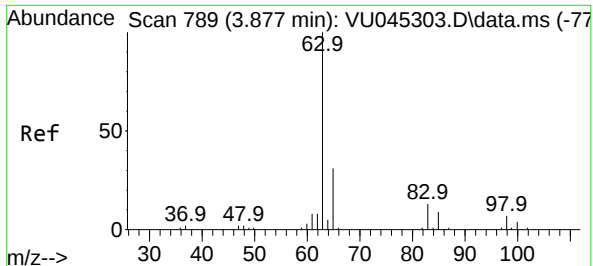


#16
trans-1,2-Dichloroethene
Concen: 0.949 ug/l
RT: 3.359 min Scan# 628
Delta R.T. 0.003 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03



Tgt Ion:	96	Resp:	10697
Ion	Ratio	Lower	Upper
96	100		
61	145.6	115.8	173.6
98	64.0	51.1	76.7





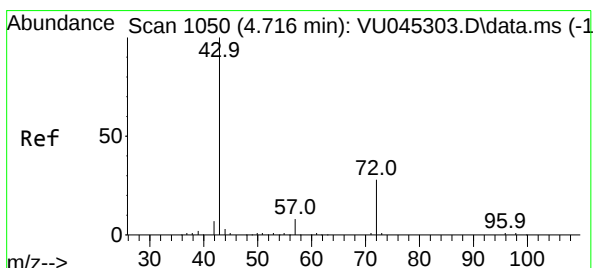
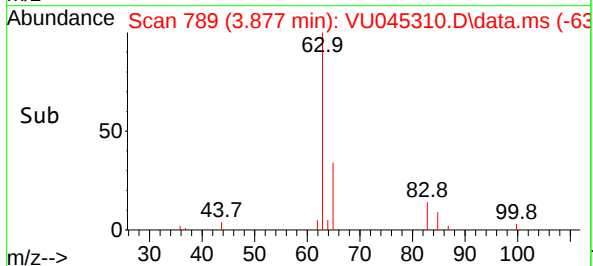
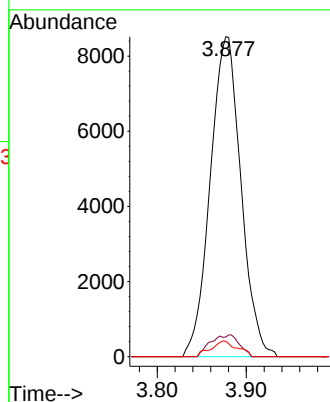
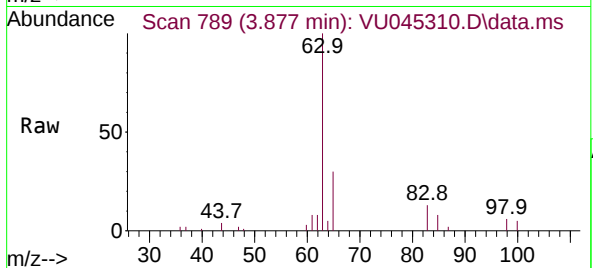
#17
1,1-Dichloroethane
Concen: 0.964 ug/l
RT: 3.877 min Scan# 789
Delta R.T. 0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

Tgt Ion:	63	Resp:	20384
Ion Ratio	Lower	Upper	
63	100		
98	6.2	3.6	10.8
100	4.8	2.1	6.5

Instrument :
MSVOA_U
ClientSampleId :
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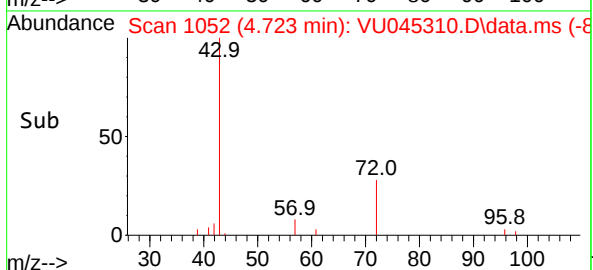
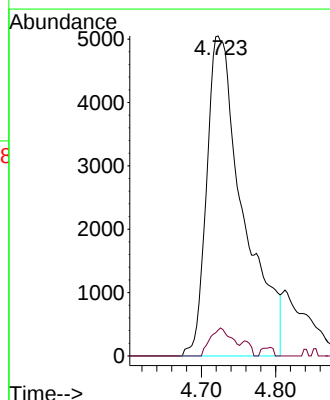
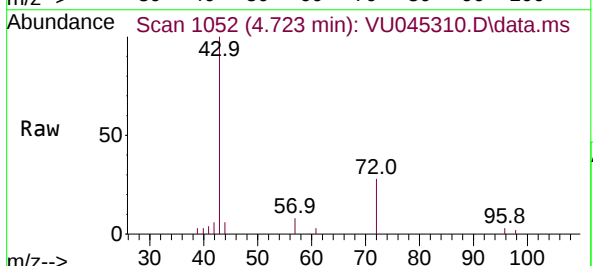
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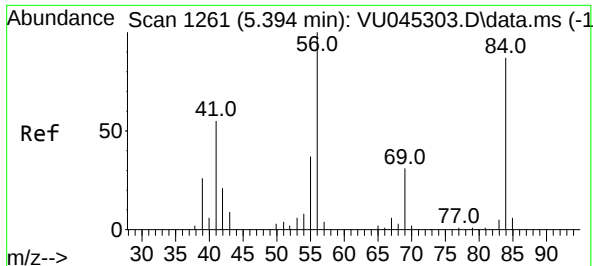
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#18
2-Butanone
Concen: 4.245 ug/l
RT: 4.723 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

Tgt Ion:	43	Resp:	17216
Ion Ratio	Lower	Upper	
43	100		
57	8.1	0.0	16.6





#19

Cyclohexane

Concen: 0.923 ug/l m

RT: 5.394 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU045310.D

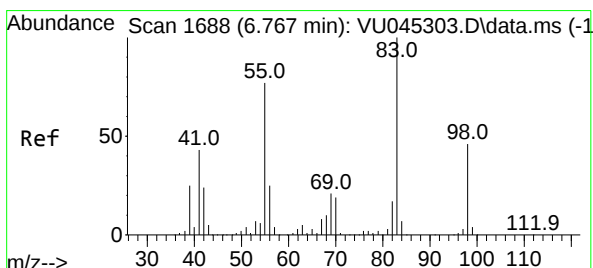
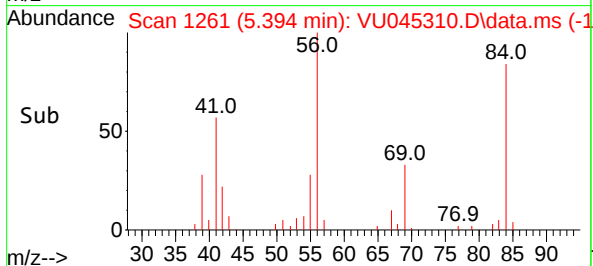
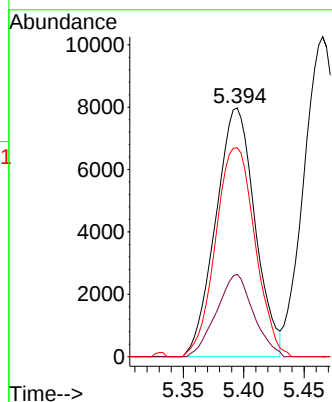
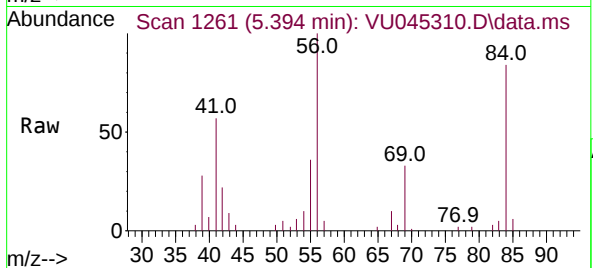
Acq: 13 Oct 2021 16:03

Tgt Ion:	56	Resp:	18046
Ion Ratio	Lower	Upper	
56	100		
69	31.1	24.7	37.1
84	84.3	68.8	103.2

Instrument :
MSVOA_U
ClientSampleId :
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#20

Methylcyclohexane

Concen: 0.906 ug/l

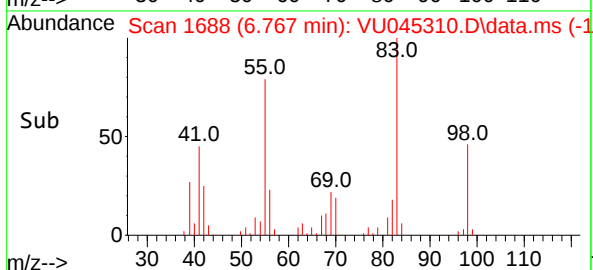
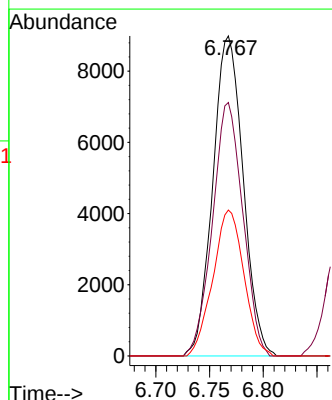
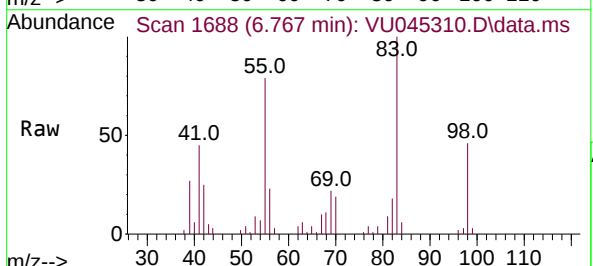
RT: 6.767 min Scan# 1688

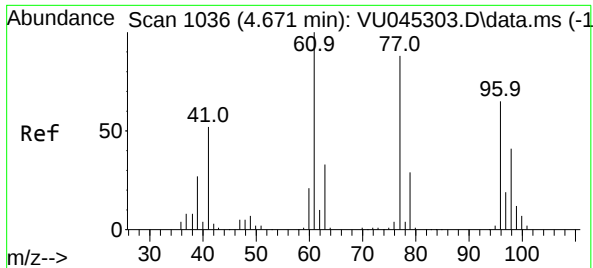
Delta R.T. 0.000 min

Lab File: VU045310.D

Acq: 13 Oct 2021 16:03

Tgt Ion:	83	Resp:	17634
Ion Ratio	Lower	Upper	
83	100		
55	79.0	61.9	92.9
98	46.6	37.4	56.2





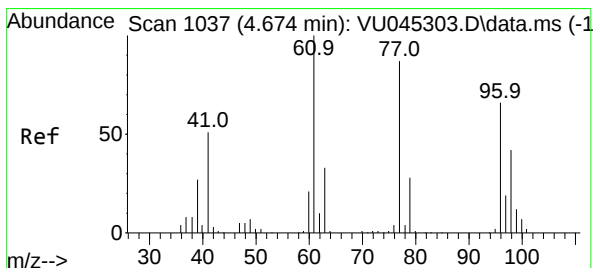
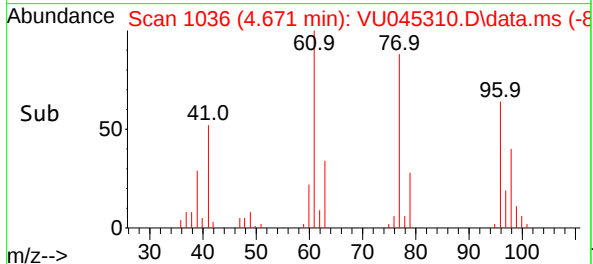
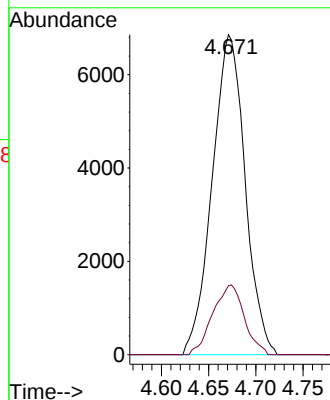
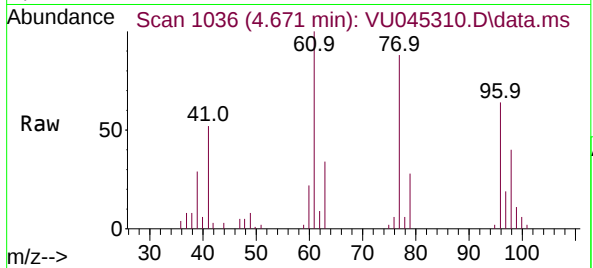
#21
2,2-Dichloropropane
Concen: 0.923 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

Tgt Ion: 77 Resp: 16591
Ion Ratio Lower Upper
77 100
97 20.9 17.2 25.8

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

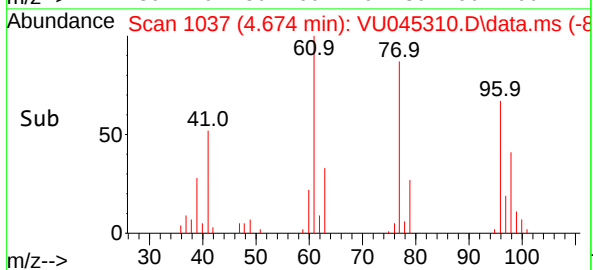
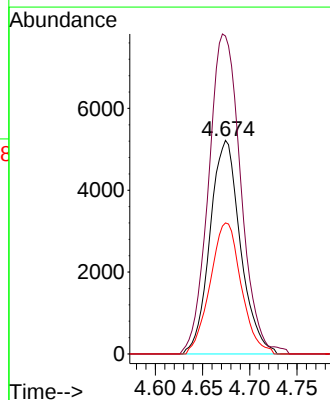
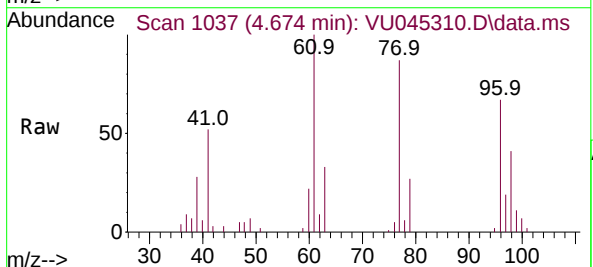
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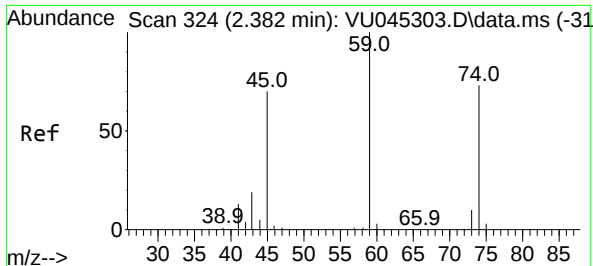
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#22
cis-1,2-Dichloroethene
Concen: 0.942 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

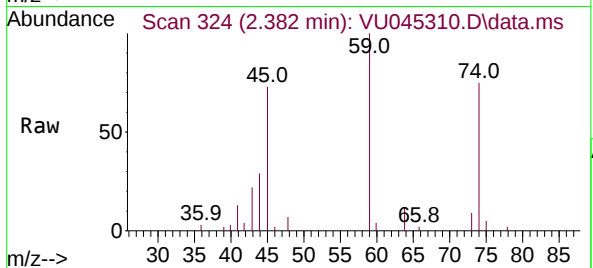
Tgt Ion: 96 Resp: 11676
Ion Ratio Lower Upper
96 100
61 158.6 0.0 385.3
98 62.6 32.1 96.3





#23
Diethyl Ether
Concen: 0.945 ug/l
RT: 2.382 min Scan# 324
Delta R.T. -0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

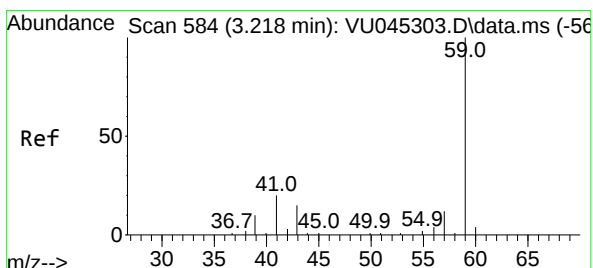
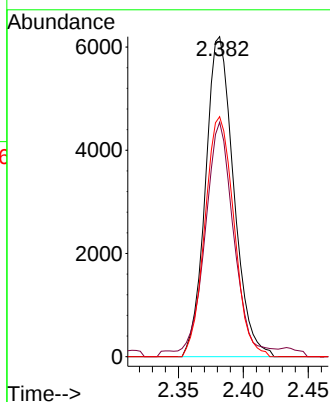
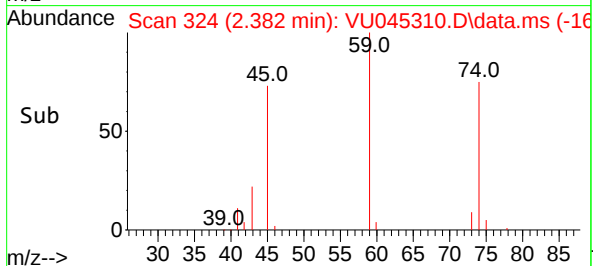
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2021



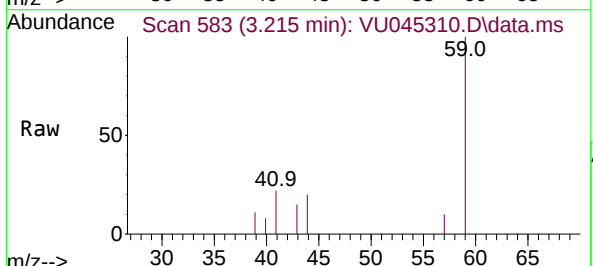
Tgt Ion:	59	Resp:	9378
Ion	Ratio	Lower	Upper
59	100		
45	75.7	55.6	83.4
74	77.1	58.1	87.1

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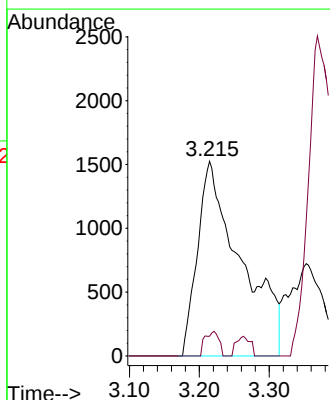
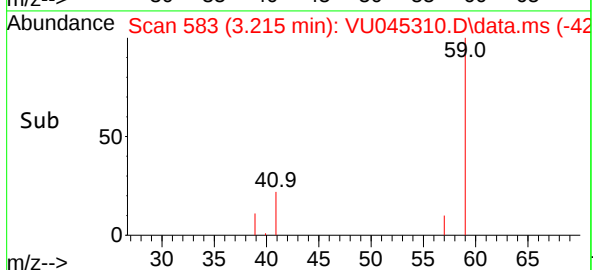
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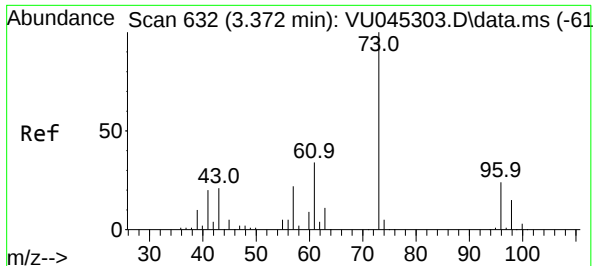


#24
tert-Butyl Alcohol
Concen: 8.381 ug/l m
RT: 3.215 min Scan# 583
Delta R.T. -0.003 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03



Tgt Ion:	59	Resp:	6520
Ion	Ratio	Lower	Upper
59	100		
57	4.1	6.5	9.7#





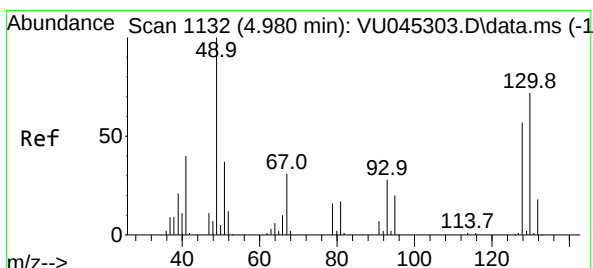
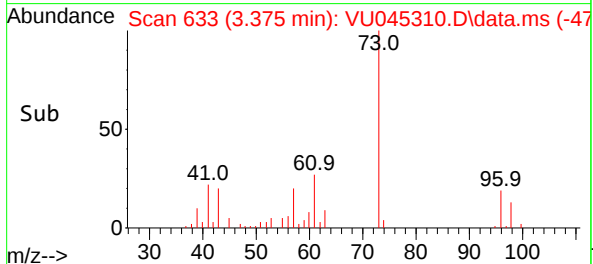
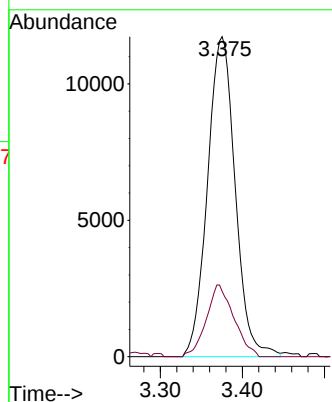
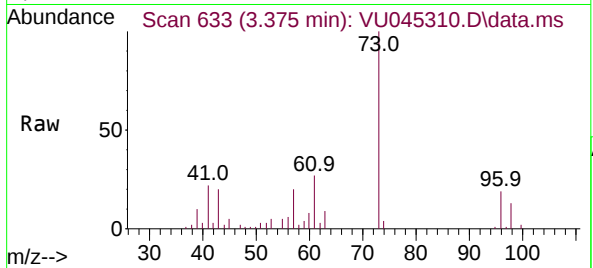
#25
Methyl tert-Butyl Ether
Concen: 0.939 ug/l
RT: 3.375 min Scan# 633
Delta R.T. 0.003 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

Tgt Ion: 73 Resp: 27509
Ion Ratio Lower Upper
73 100
43 22.3 16.3 24.5

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

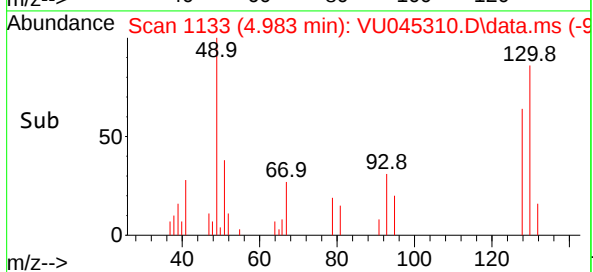
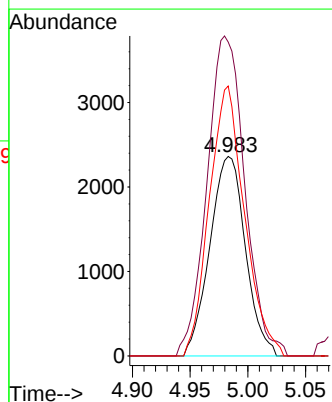
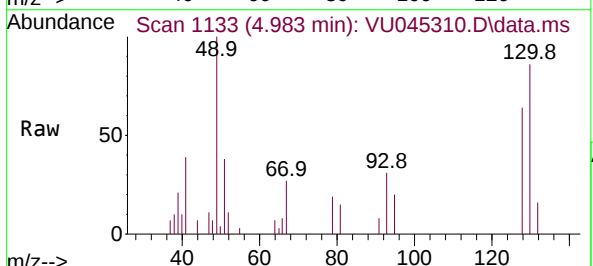
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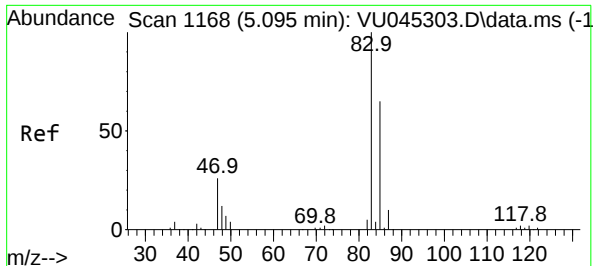
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#26
Bromochloromethane
Concen: 0.955 ug/l
RT: 4.983 min Scan# 1133
Delta R.T. 0.003 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

Tgt Ion: 128 Resp: 5058
Ion Ratio Lower Upper
128 100
49 170.7 0.0 347.4
130 134.3 101.5 152.3





#27

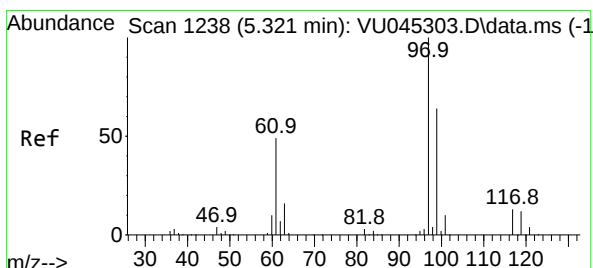
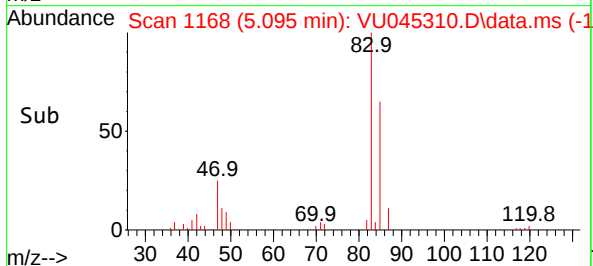
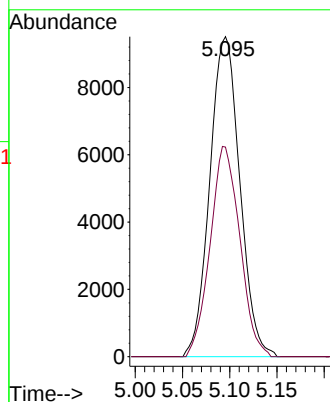
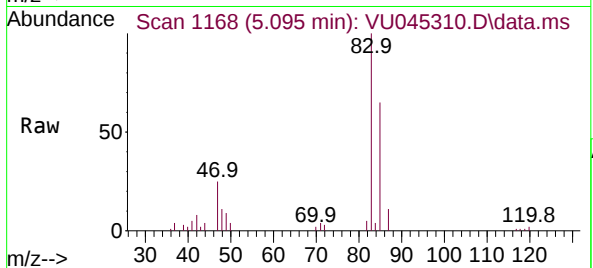
Chloroform
Concen: 0.972 ug/l
RT: 5.095 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

Tgt Ion: 83 Resp: 21032
Ion Ratio Lower Upper
83 100
85 65.5 0.0 129.2

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

Manual Integrations
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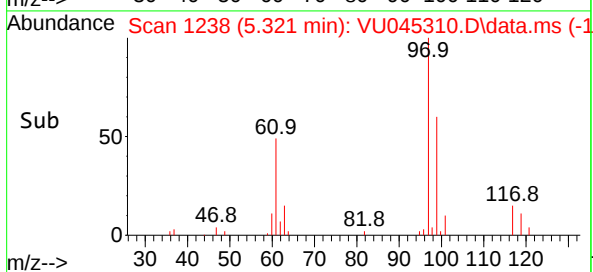
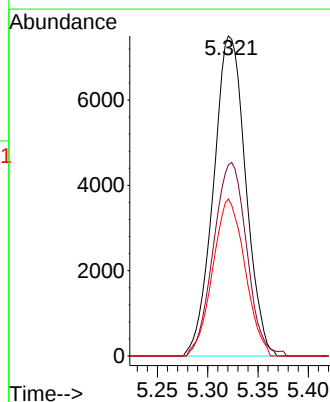
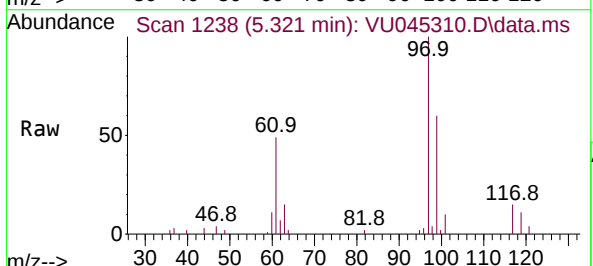
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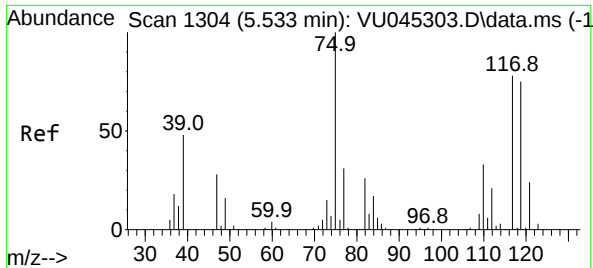


#28

1,1,1-Trichloroethane
Concen: 0.943 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

Tgt Ion: 97 Resp: 16721
Ion Ratio Lower Upper
97 100
99 62.3 32.2 96.6
61 49.1 24.5 73.5





#29

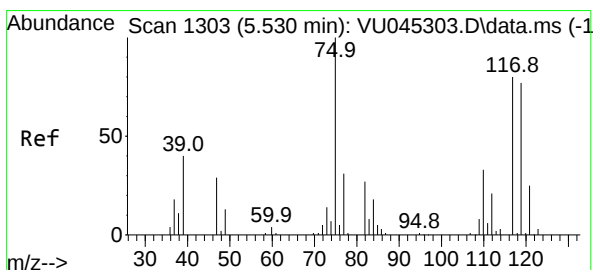
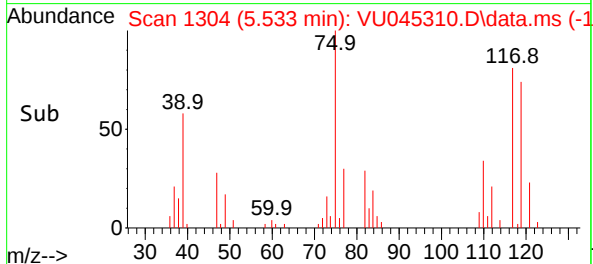
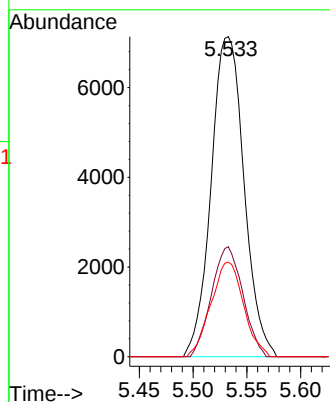
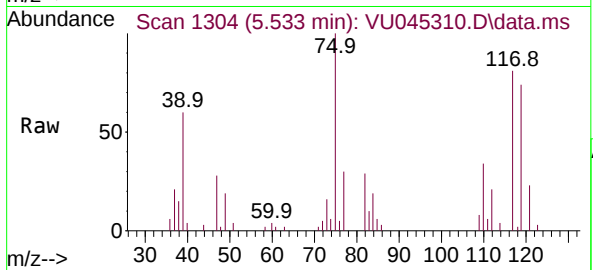
1,1-Dichloropropene
Concen: 0.938 ug/l
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

Tgt Ion:	75	Resp:	15195
Ion	Ratio	Lower	Upper
75	100		
110	32.7	16.8	50.3
77	29.2	24.7	37.1

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

Manual Integrations
APPROVED

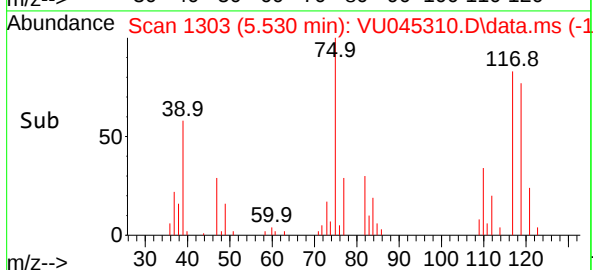
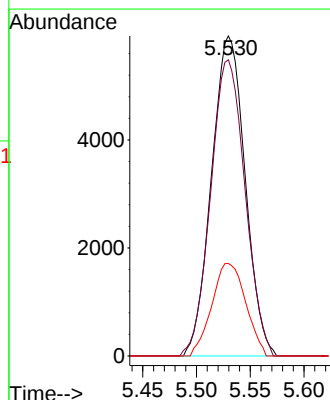
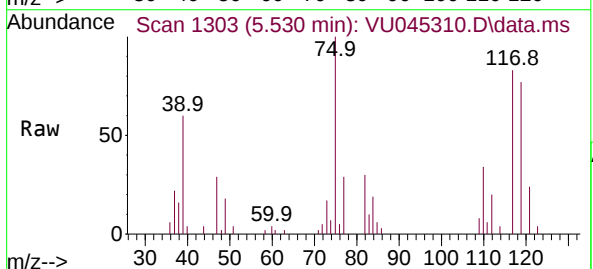
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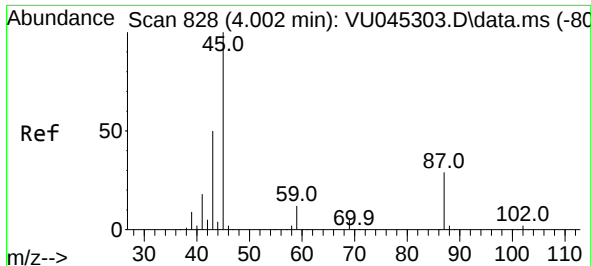


#30

Carbon Tetrachloride
Concen: 0.937 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

Tgt Ion:	117	Resp:	12875
Ion	Ratio	Lower	Upper
117	100		
119	92.5	76.8	115.2
121	28.9	24.6	37.0





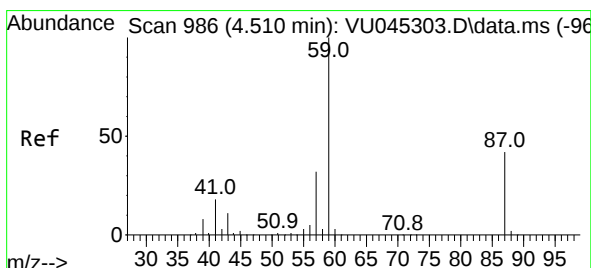
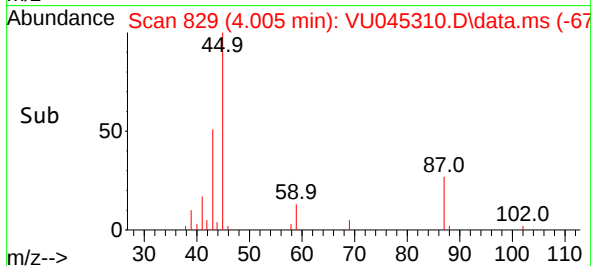
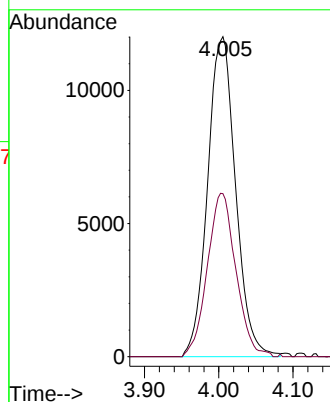
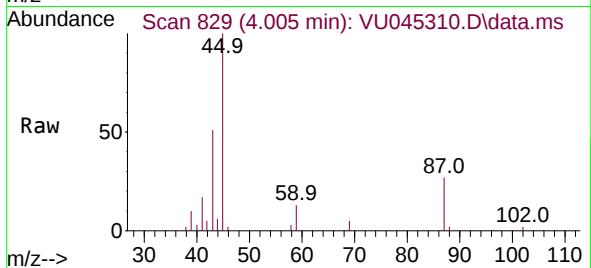
#31
Isopropyl Ether
Concen: 0.941 ug/l
RT: 4.005 min Scan# 829
Delta R.T. 0.003 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

Tgt Ion: 45 Resp: 31493
Ion Ratio Lower Upper
45 100
43 52.1 25.3 75.8

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

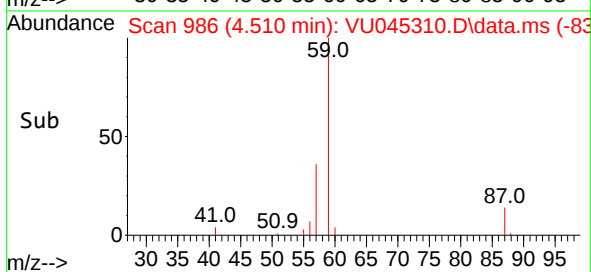
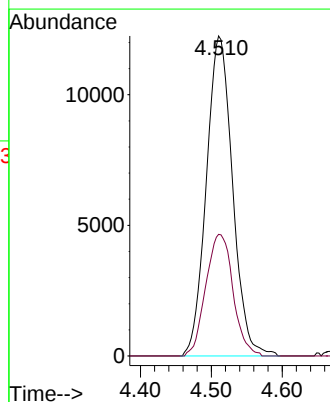
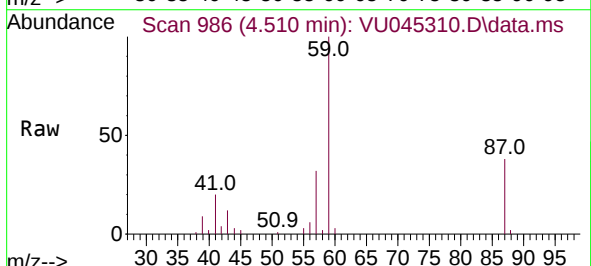
Manual Integrations
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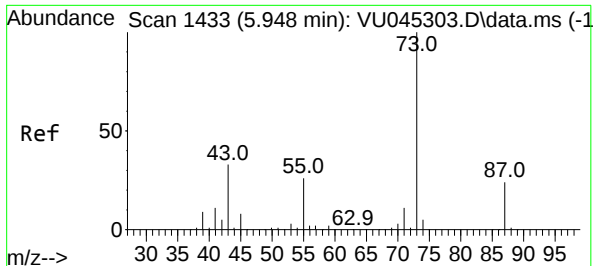
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#32
Ethyl-t-butyl ether
Concen: 0.935 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

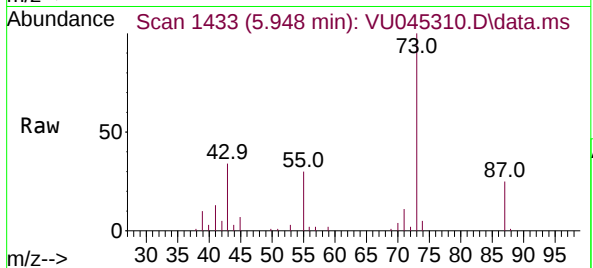
Tgt Ion: 59 Resp: 31506
Ion Ratio Lower Upper
59 100
87 39.4 32.7 49.1





#33
Tert-Amyl methyl ether
Concen: 0.933 ug/l
RT: 5.948 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

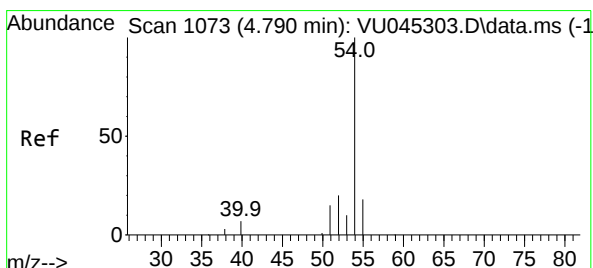
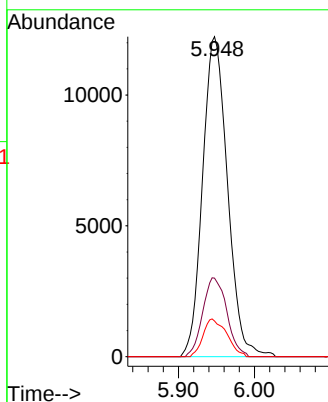
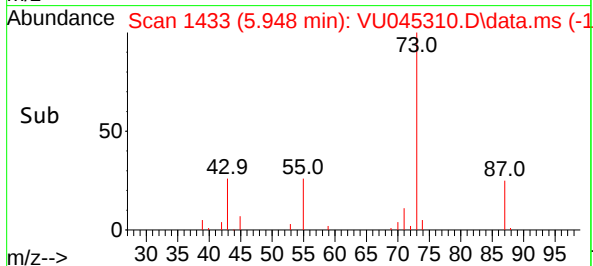
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2021



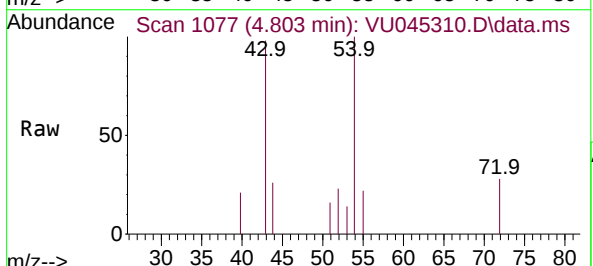
Tgt Ion:	73	Resp:	27862
Ion Ratio	100	Lower	Upper
73	100		
87	23.8	18.6	28.0
71	11.2	9.0	13.6

Manual Integrations
APPROVED

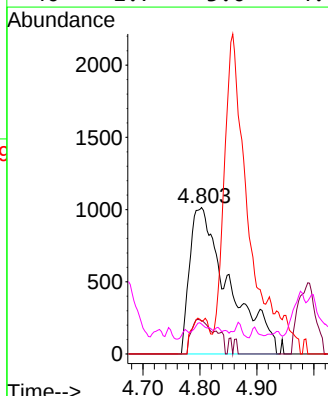
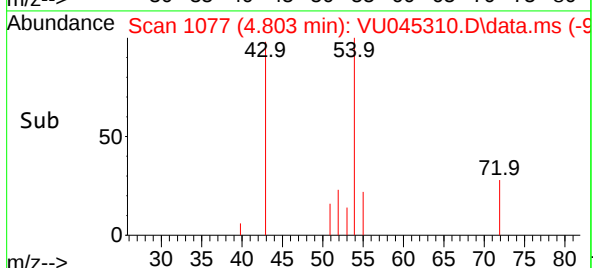
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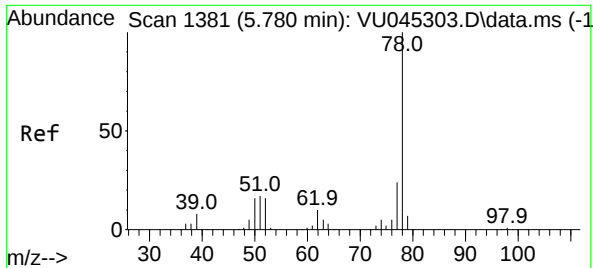


#34
Propionitrile
Concen: 4.829 ug/l m
RT: 4.803 min Scan# 1077
Delta R.T. 0.013 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03



Tgt Ion:	54	Resp:	4874
Ion Ratio	100	Lower	Upper
54	100		
52	10.8	11.9	17.9#
55	6.5	8.0	12.0#
40	1.7	3.0	4.4#





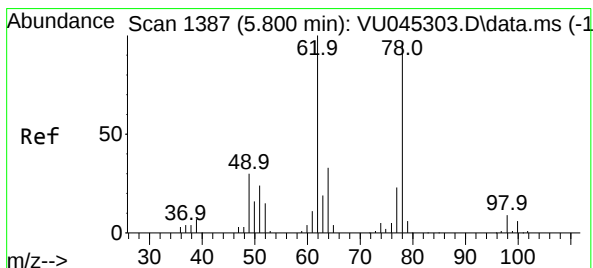
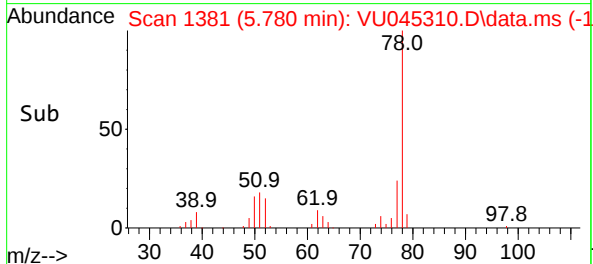
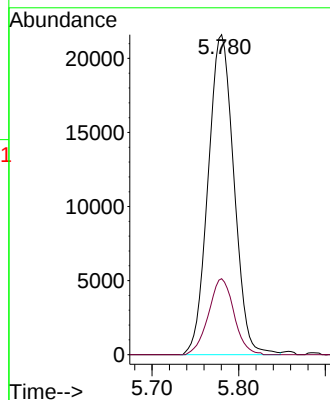
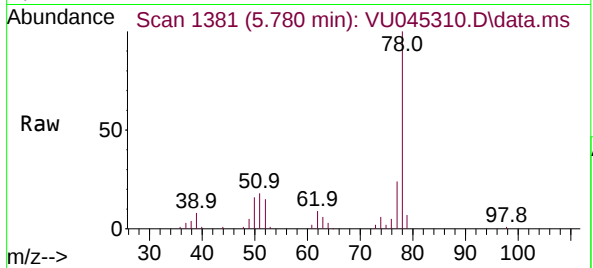
#35
Benzene
Concen: 0.955 ug/l
RT: 5.780 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

Tgt Ion: 78 Resp: 44718
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7

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

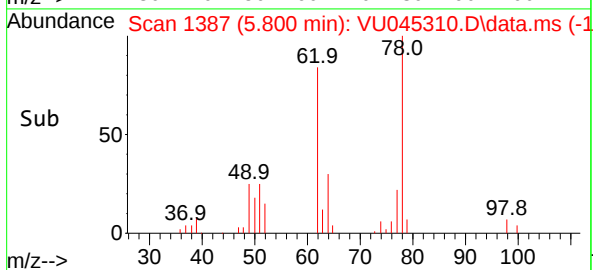
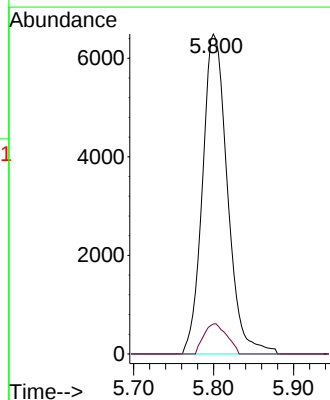
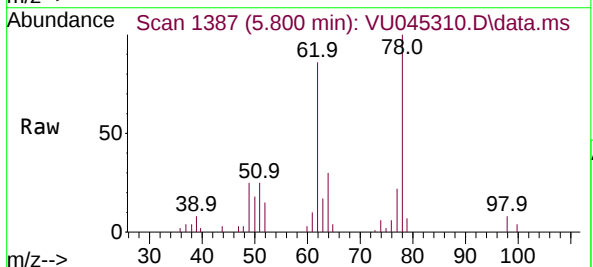
Manual Integrations
APPROVED

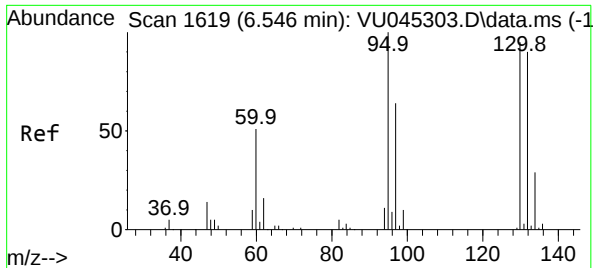
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#36
1,2-Dichloroethane
Concen: 0.942 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

Tgt Ion: 62 Resp: 14087
Ion Ratio Lower Upper
62 100
98 8.7 7.3 10.9





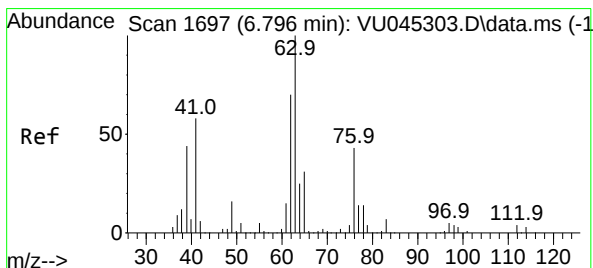
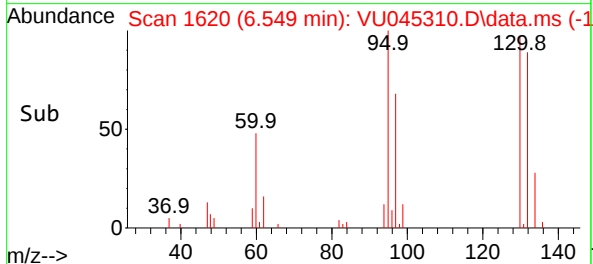
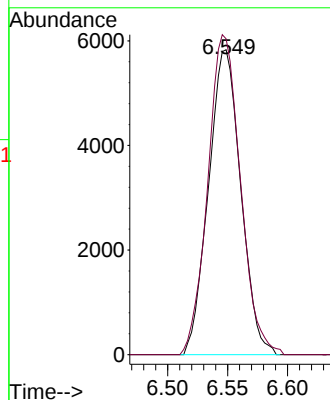
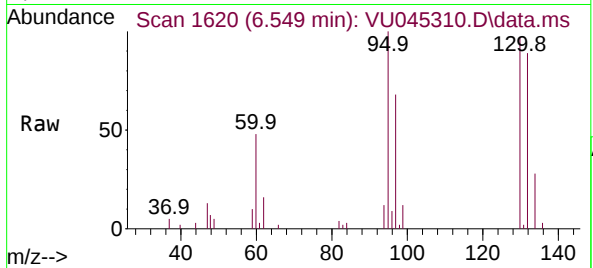
#37
Trichloroethene
Concen: 0.957 ug/l
RT: 6.549 min Scan# 1620
Delta R.T. 0.003 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

Tgt Ion:130 Resp: 10901
Ion Ratio Lower Upper
130 100
95 103.6 83.8 125.8

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

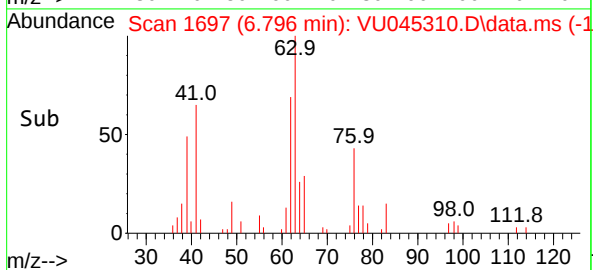
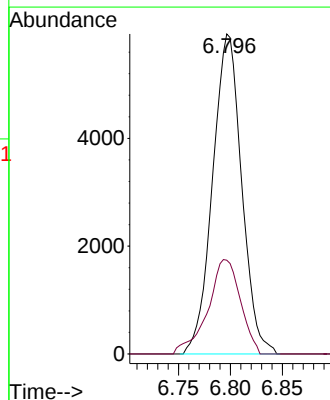
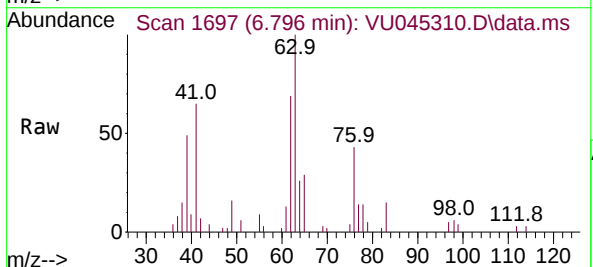
Manual Integrations
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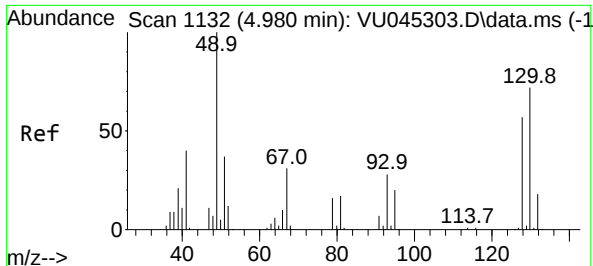
apatel
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#38
1,2-Dichloropropane
Concen: 0.950 ug/l
RT: 6.796 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

Tgt Ion: 63 Resp: 11551
Ion Ratio Lower Upper
63 100
65 29.3 24.7 37.1





#39

Methacrylonitrile

Concen: 0.958 ug/l

RT: 4.986 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VU045310.D

Acq: 13 Oct 2021 16:03

Tgt Ion: 41 Resp: 3828

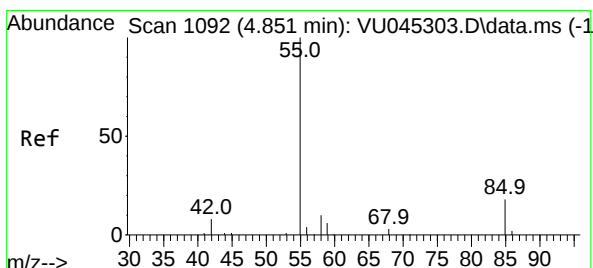
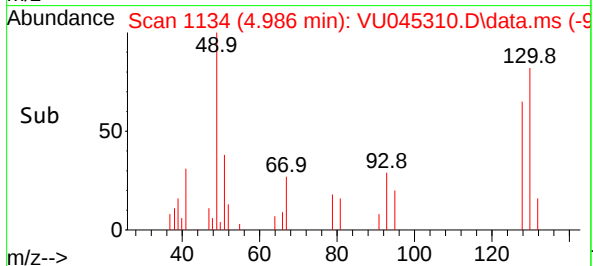
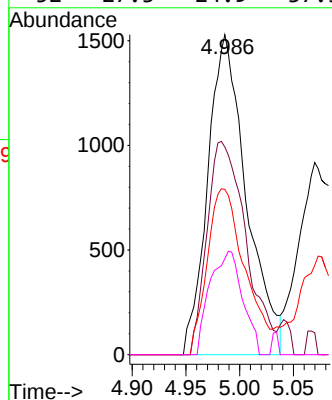
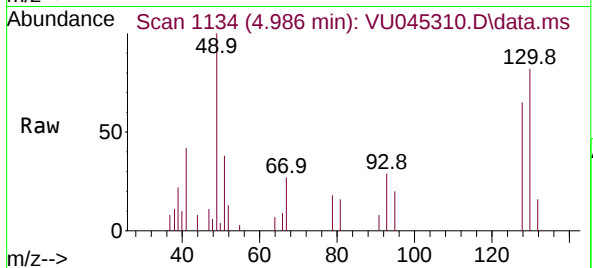
Ion Ratio Lower Upper

41 100

67 67.1 65.2 97.8

39 50.8 43.0 64.6

52 27.3 24.9 37.3



#40

Methyl acrylate

Concen: 0.764 ug/l

RT: 4.858 min Scan# 1094

Delta R.T. 0.006 min

Lab File: VU045310.D

Acq: 13 Oct 2021 16:03

Tgt Ion: 55 Resp: 5084

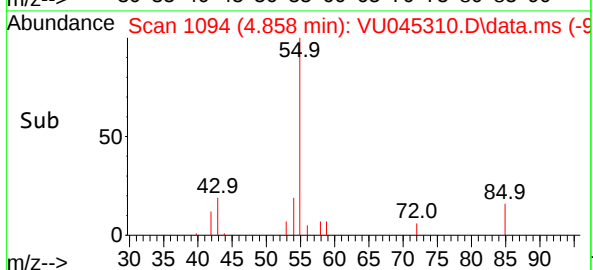
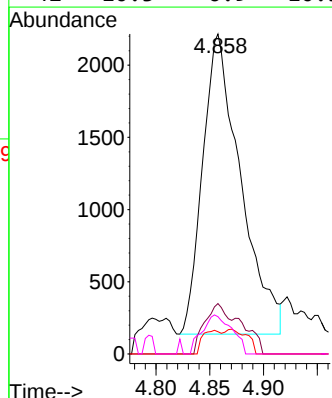
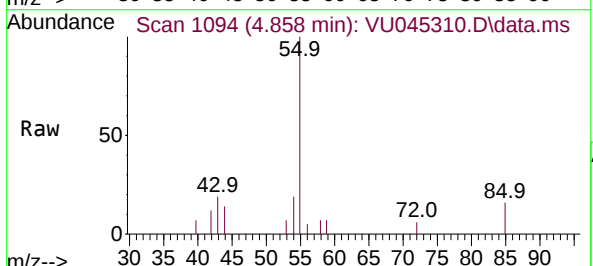
Ion Ratio Lower Upper

55 100

85 10.6 12.2 18.2#

58 3.9 6.7 10.1#

42 10.3 6.9 10.3#



Instrument :

MSVOA_U

ClientSampleId :

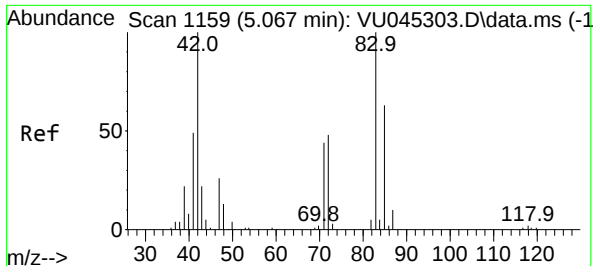
LOQ-WATER-02-QT4-2021

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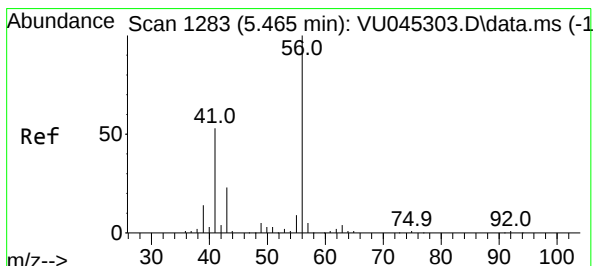
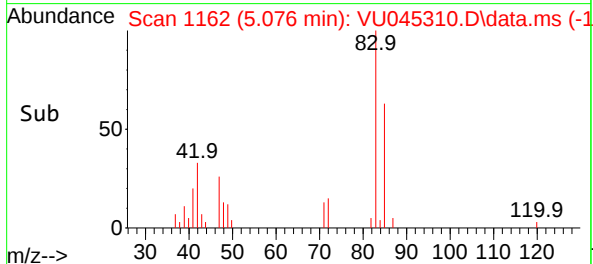
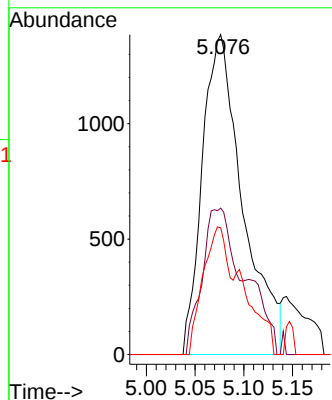
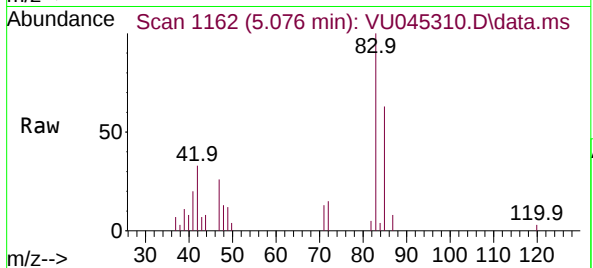
#41
Tetrahydrofuran
Concen: 1.750 ug/l
RT: 5.076 min Scan# 1162
Delta R.T. 0.010 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

Tgt Ion: 42 Resp: 4000
Ion Ratio Lower Upper
42 100
72 36.4 42.4 63.6#
71 25.6 36.4 54.6#

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

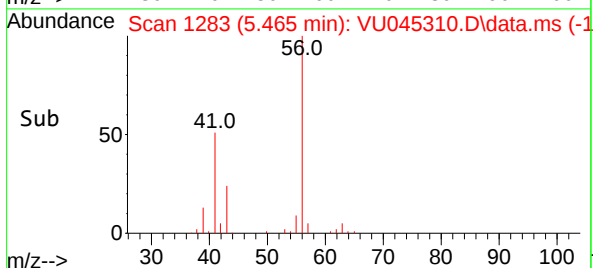
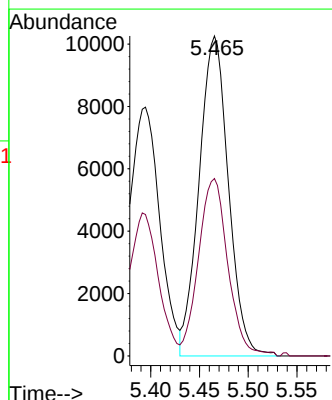
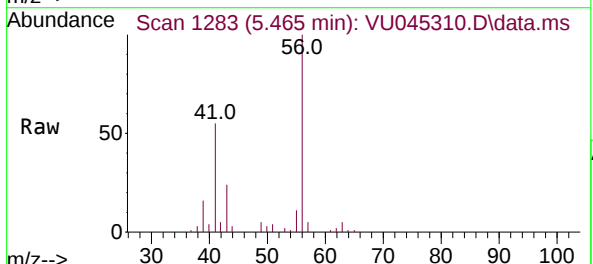
Manual Integrations
APPROVED

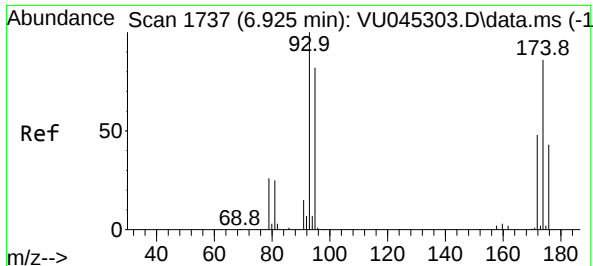
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#42
1-Chlorobutane
Concen: 0.922 ug/l
RT: 5.465 min Scan# 1283
Delta R.T. 0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

Tgt Ion: 56 Resp: 21469
Ion Ratio Lower Upper
56 100
41 55.6 26.0 78.0





#43

Dibromomethane

Concen: 0.983 ug/l

RT: 6.925 min Scan# 1737

Delta R.T. 0.000 min

Lab File: VU045310.D

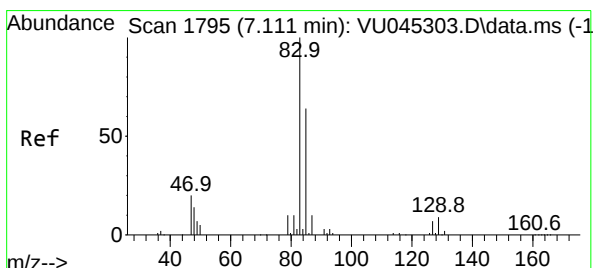
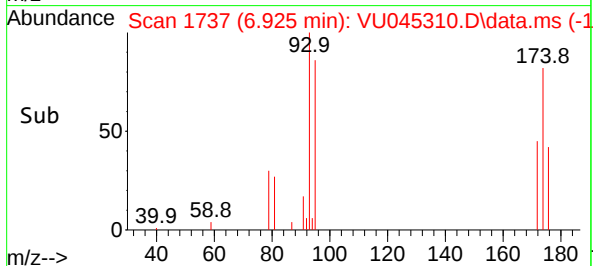
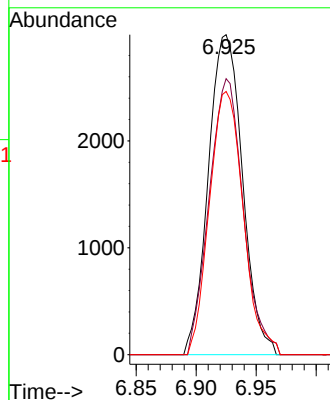
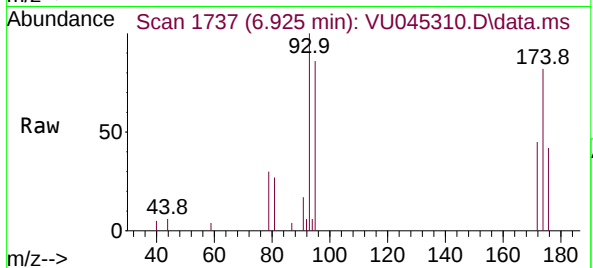
Acq: 13 Oct 2021 16:03

Tgt Ion:	93	Resp:	5930
Ion	Ratio	Lower	Upper
93	100		
95	85.6	66.2	99.2
174	81.4	70.7	106.1

Instrument :
MSVOA_U
ClientSampleId :
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#44

Bromodichloromethane

Concen: 0.920 ug/l

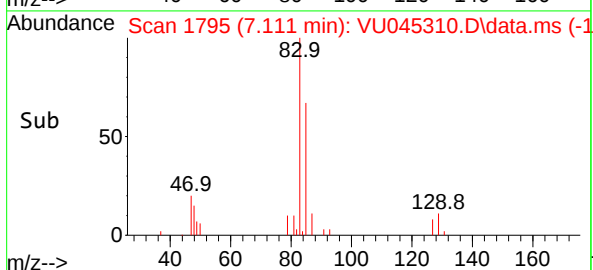
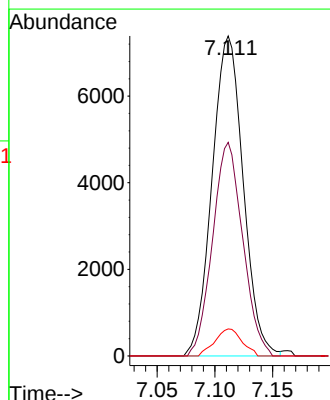
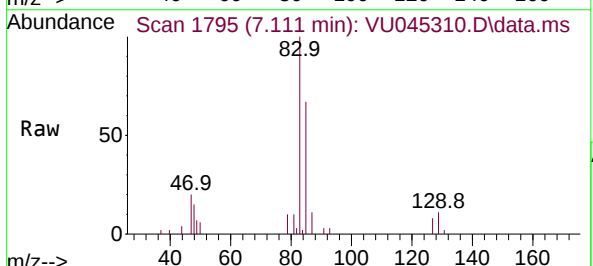
RT: 7.111 min Scan# 1795

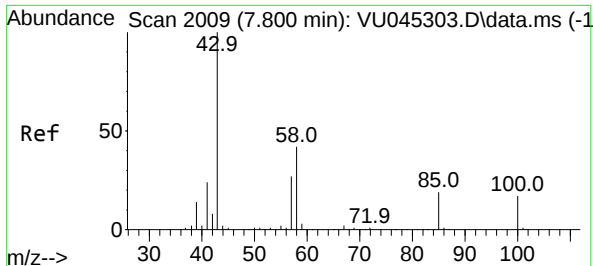
Delta R.T. 0.000 min

Lab File: VU045310.D

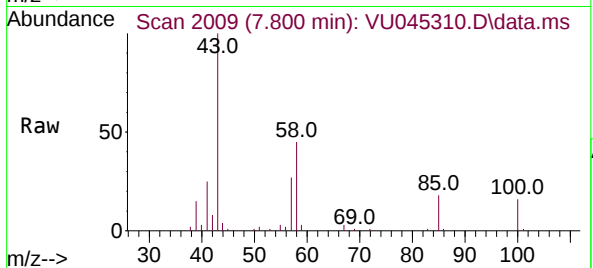
Acq: 13 Oct 2021 16:03

Tgt Ion:	83	Resp:	13836
Ion	Ratio	Lower	Upper
83	100		
85	66.7	50.9	76.3
127	8.5	6.0	9.0

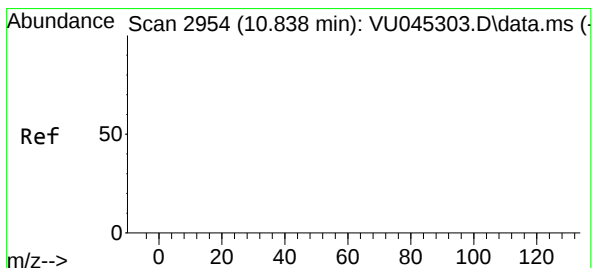
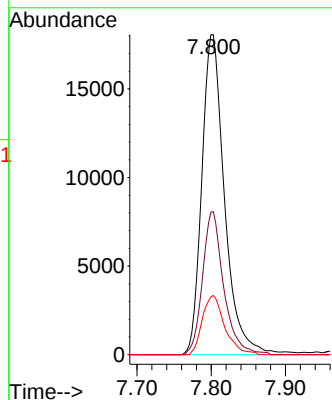
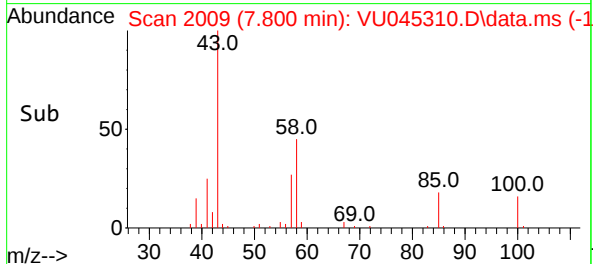




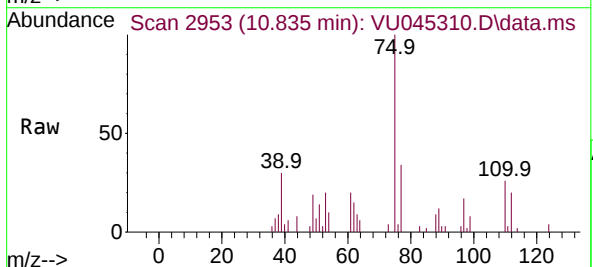
#45
4-Methyl-2-Pentanone
Concen: 4.652 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03



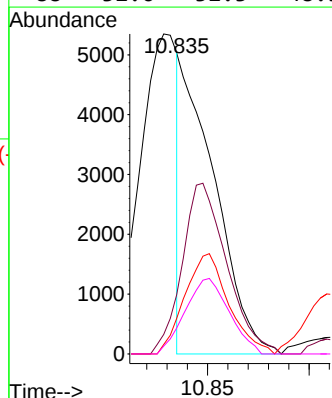
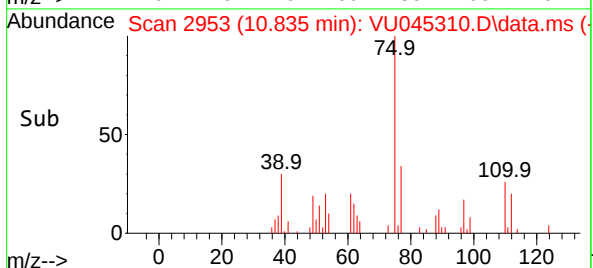
Tgt Ion: 43 Resp: 38313
Ion Ratio Lower Upper
43 100
58 41.8 21.0 63.0
85 18.3 14.8 22.2



#46
t-1,4-Dichloro-2-butene
Concen: 2.012 ug/l m
RT: 10.835 min Scan# 2953
Delta R.T. -0.003 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03



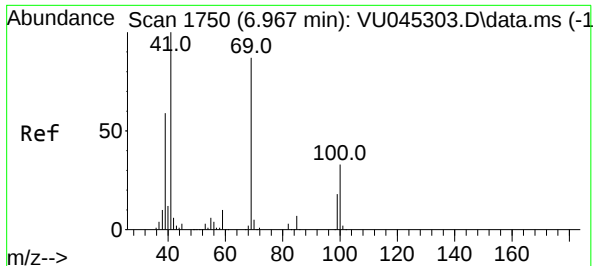
Tgt Ion: 75 Resp: 5834
Ion Ratio Lower Upper
75 100
53 74.6 66.8 100.2
89 43.1 41.7 62.5
88 32.6 32.3 48.5



Instrument :
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ClientSampleId :
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#47

Methyl methacrylate

Concen: 1.865 ug/l

RT: 6.967 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VU045310.D

Acq: 13 Oct 2021 16:03

Tgt Ion: 69 Resp: 11406

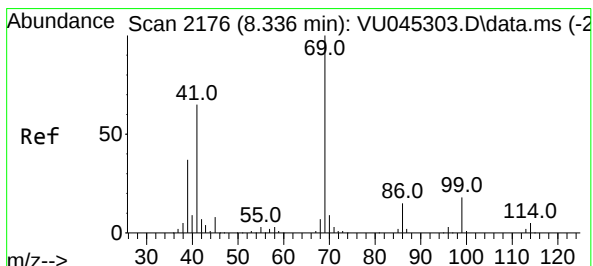
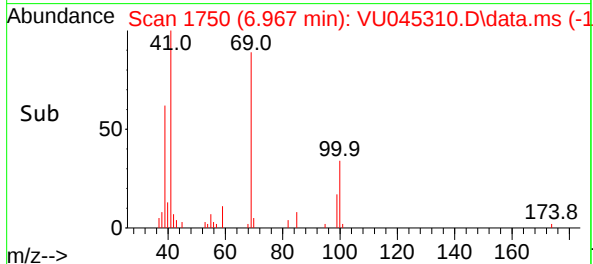
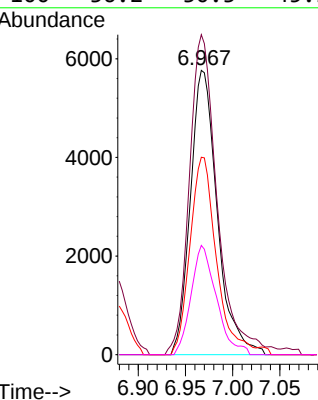
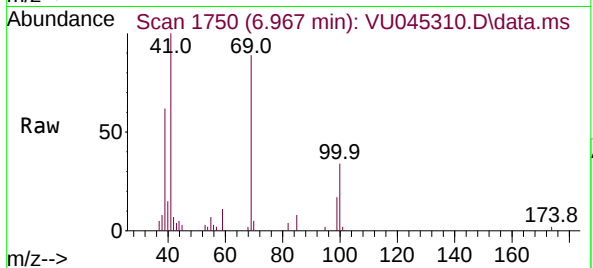
Ion Ratio Lower Upper

69 100

41 117.3 0.0 230.0

39 68.2 55.1 82.7

100 36.2 30.3 45.5



#48

Ethyl methacrylate

Concen: 0.897 ug/l

RT: 8.340 min Scan# 2177

Delta R.T. 0.003 min

Lab File: VU045310.D

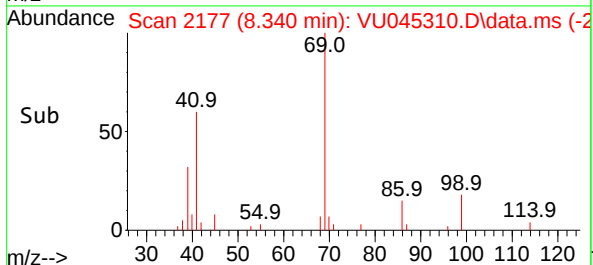
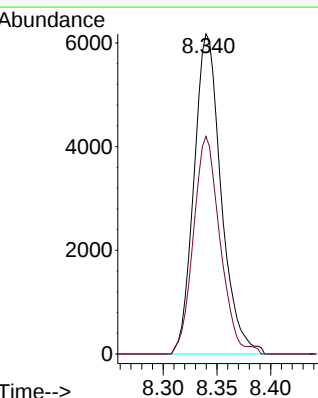
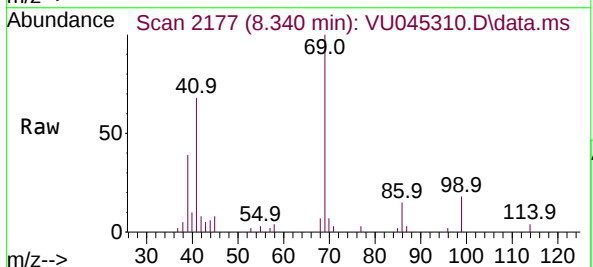
Acq: 13 Oct 2021 16:03

Tgt Ion: 69 Resp: 10837

Ion Ratio Lower Upper

69 100

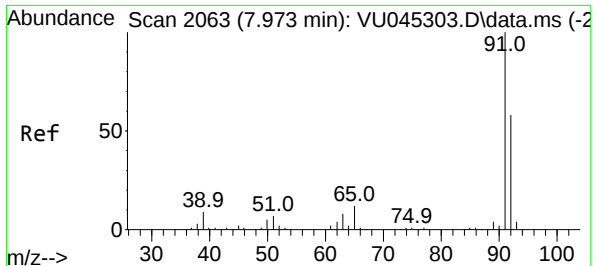
41 66.7 32.6 98.0



Instrument :
MSVOA_U
ClientSampleId :
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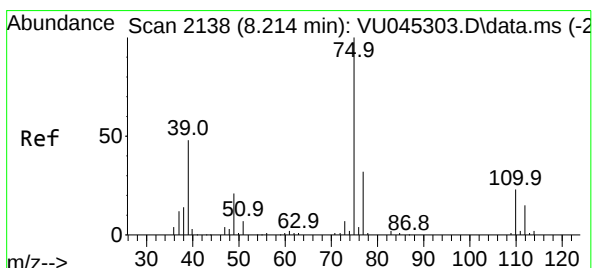
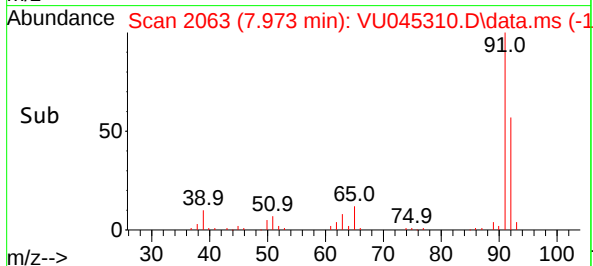
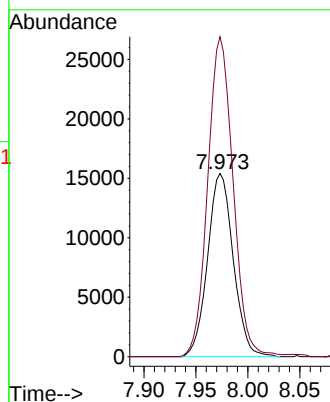
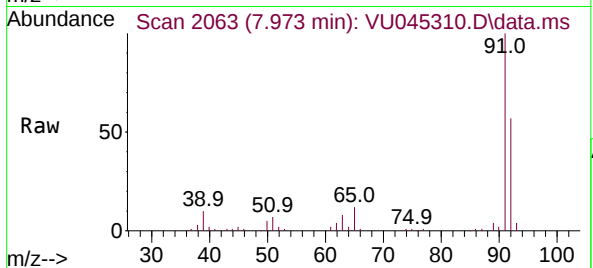
#49
Toluene
Concen: 0.919 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

Tgt Ion: 92 Resp: 26492
Ion Ratio Lower Upper
92 100
91 172.3 136.8 205.2

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

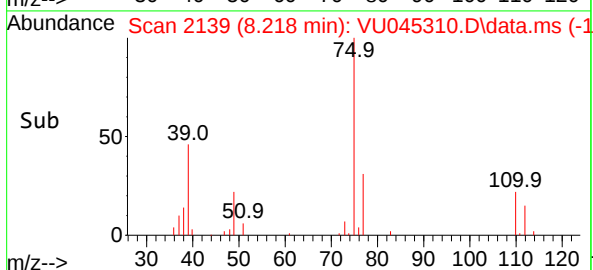
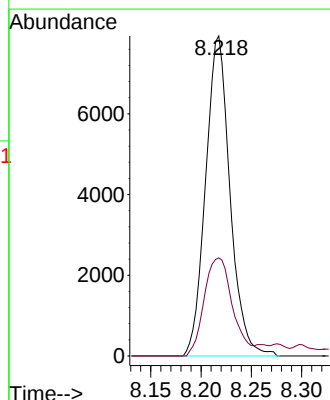
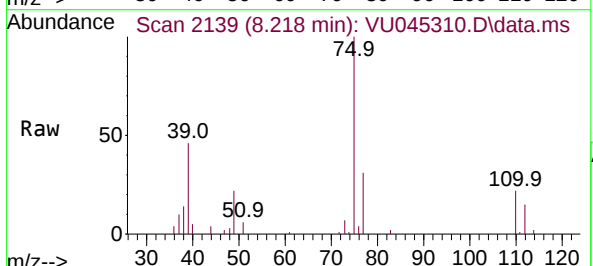
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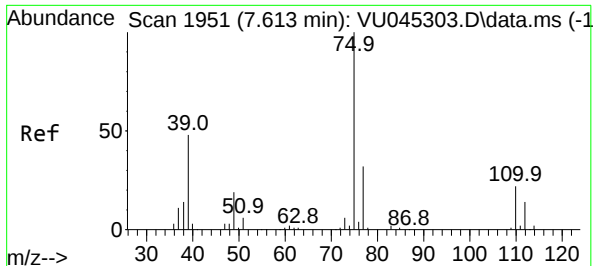
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#50
t-1,3-Dichloropropene
Concen: 0.909 ug/l
RT: 8.218 min Scan# 2139
Delta R.T. 0.003 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

Tgt Ion: 75 Resp: 13391
Ion Ratio Lower Upper
75 100
77 30.7 25.6 38.4





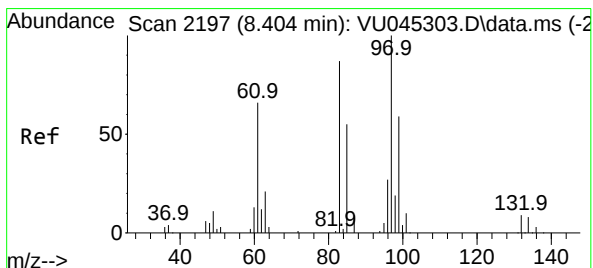
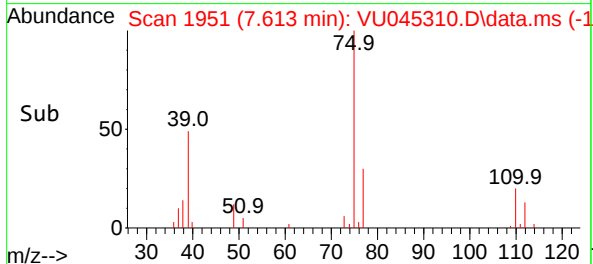
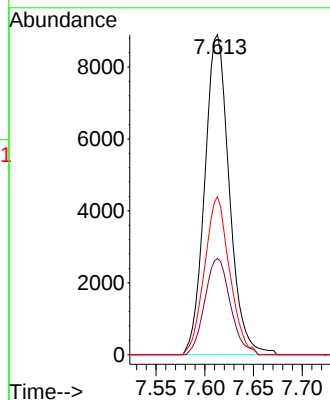
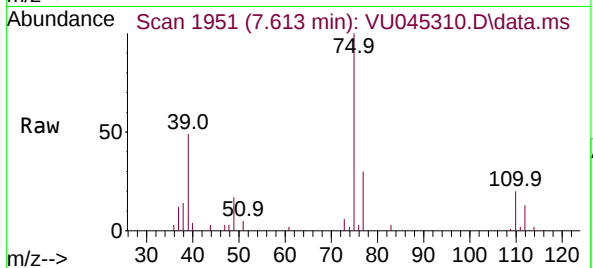
#51
 cis-1,3-Dichloropropene
 Concen: 0.909 ug/l
 RT: 7.613 min Scan# 1951
 Delta R.T. -0.000 min
 Lab File: VU045310.D
 Acq: 13 Oct 2021 16:03

Tgt Ion:	75	Resp:	15634
Ion	Ratio	Lower	Upper
75	100		
77	30.0	25.2	37.8
39	49.3	38.6	57.8

Instrument :
 MSVOA_U
 ClientSampleId :
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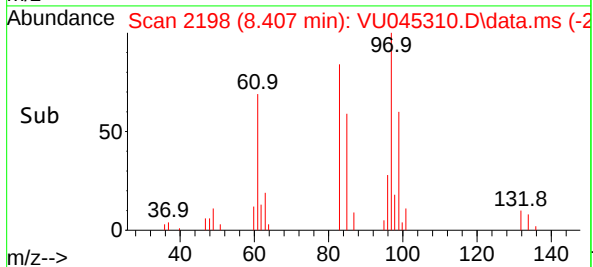
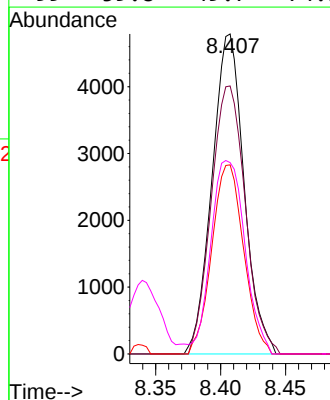
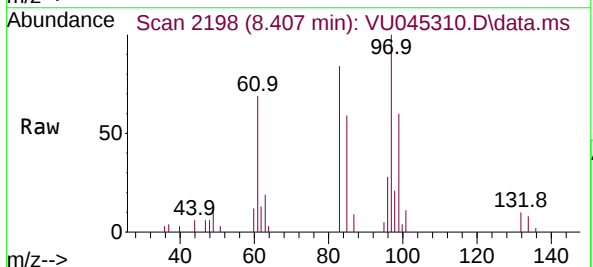
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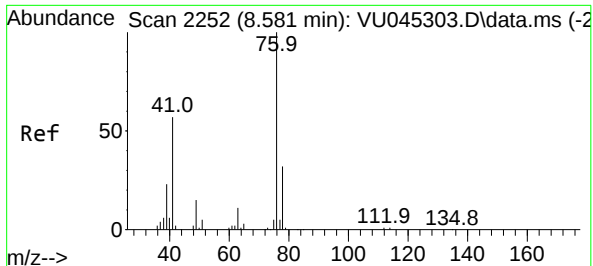
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#52
 1,1,2-Trichloroethane
 Concen: 0.941 ug/l
 RT: 8.407 min Scan# 2198
 Delta R.T. 0.003 min
 Lab File: VU045310.D
 Acq: 13 Oct 2021 16:03

Tgt Ion:	97	Resp:	8187
Ion	Ratio	Lower	Upper
97	100		
83	83.7	69.8	104.8
85	59.1	44.2	66.4
99	59.8	49.7	74.5





#53

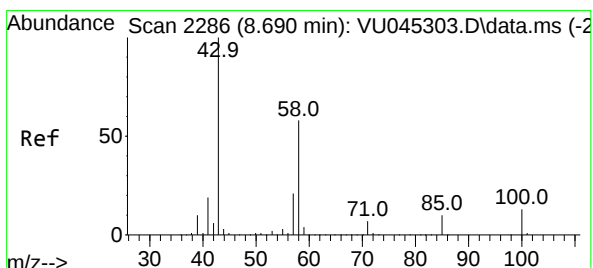
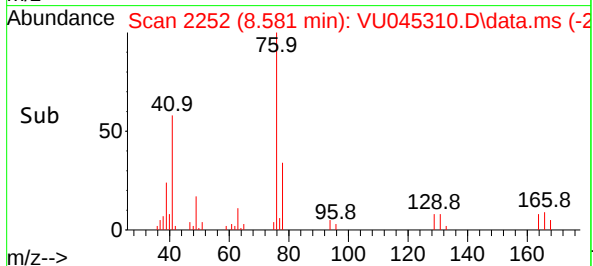
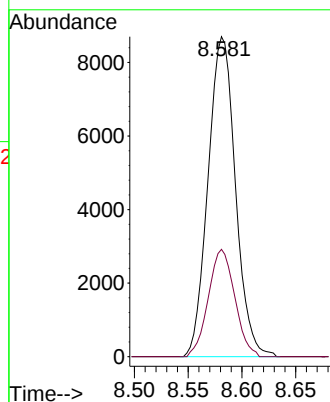
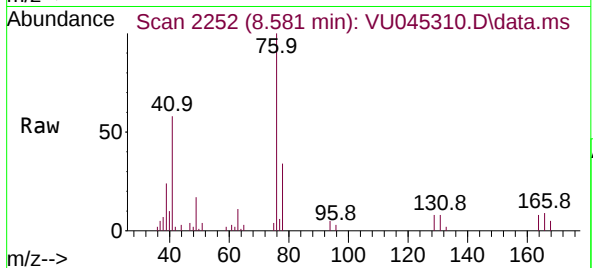
1,3-Dichloropropane
Concen: 0.952 ug/l
RT: 8.581 min Scan# 2252
Delta R.T. 0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

Tgt Ion: 76 Resp: 15423
Ion Ratio Lower Upper
76 100
78 32.3 25.4 38.2

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

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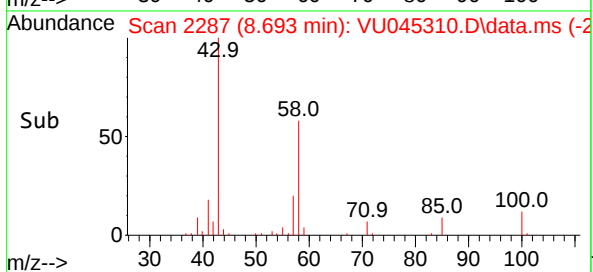
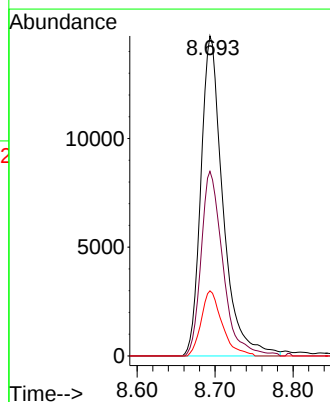
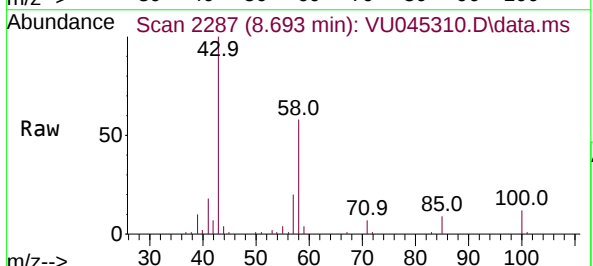
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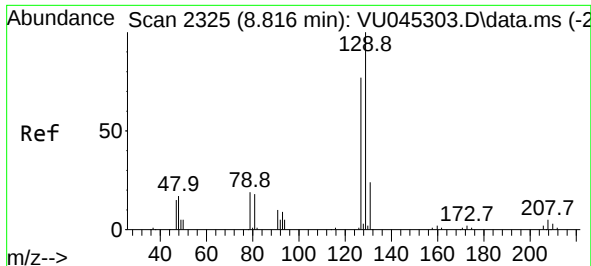


#54

2-Hexanone
Concen: 4.547 ug/l
RT: 8.693 min Scan# 2287
Delta R.T. 0.003 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

Tgt Ion: 43 Resp: 28933
Ion Ratio Lower Upper
43 100
58 57.1 37.7 77.7
57 19.3 0.5 40.5





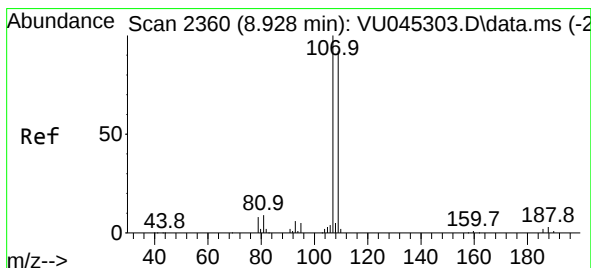
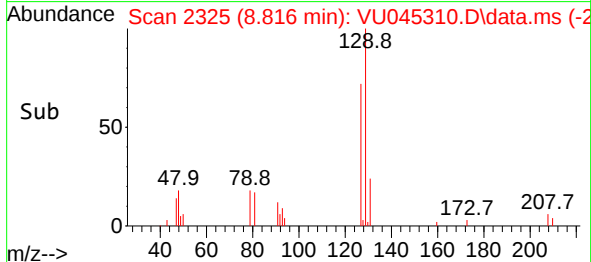
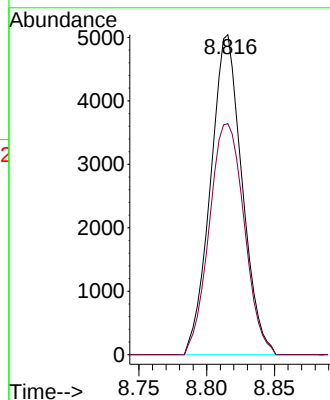
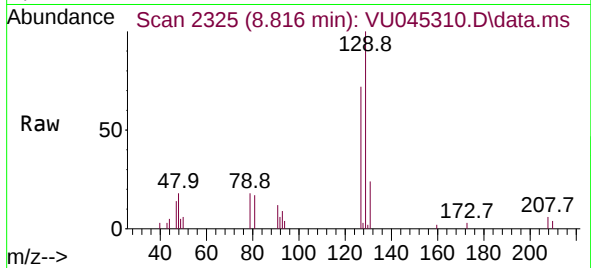
#55
Dibromochloromethane
Concen: 0.893 ug/l
RT: 8.816 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

Tgt Ion:129 Resp: 8160
Ion Ratio Lower Upper
129 100
127 79.8 62.2 93.4

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

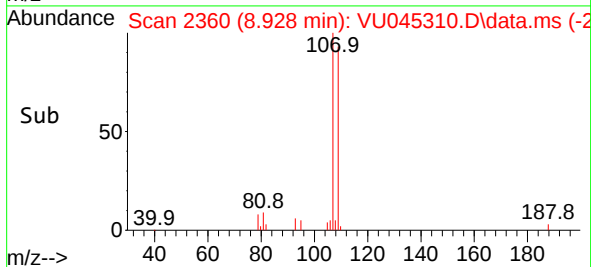
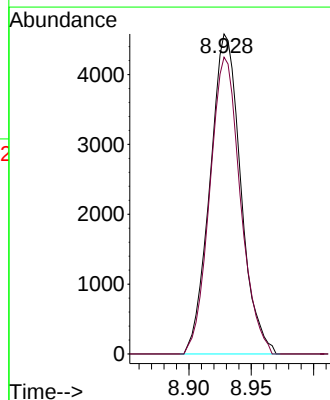
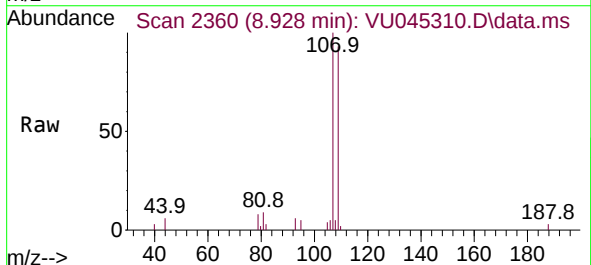
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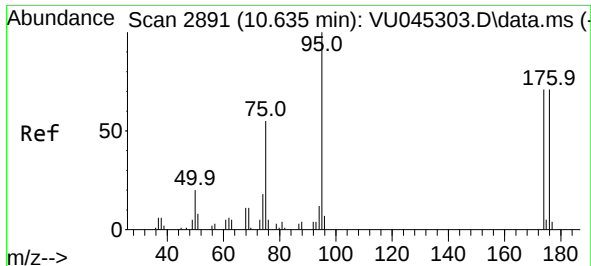
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#56
1,2-Dibromoethane
Concen: 0.961 ug/l
RT: 8.928 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

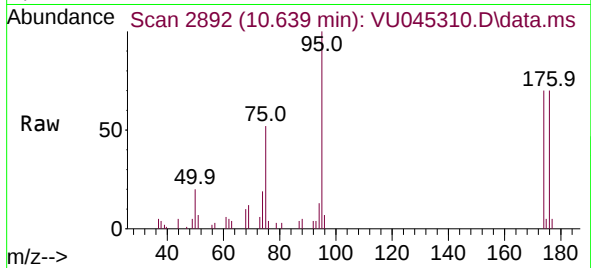
Tgt Ion:107 Resp: 7866
Ion Ratio Lower Upper
107 100
109 92.2 0.0 185.0





#57
4-Bromofluorobenzene
Concen: 0.976 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.003 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

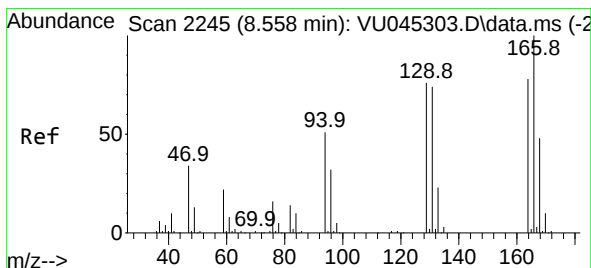
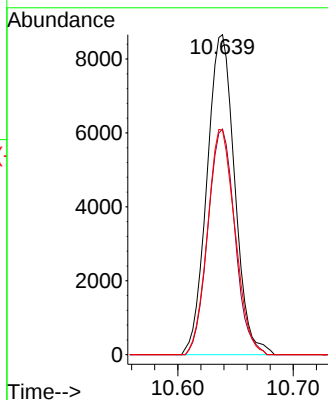
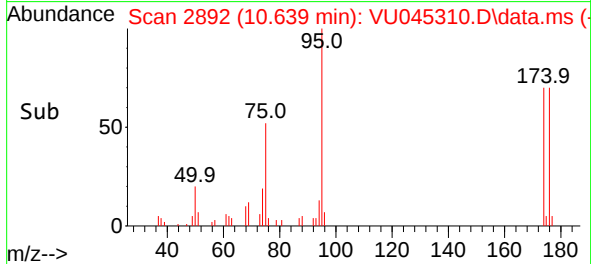
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2021



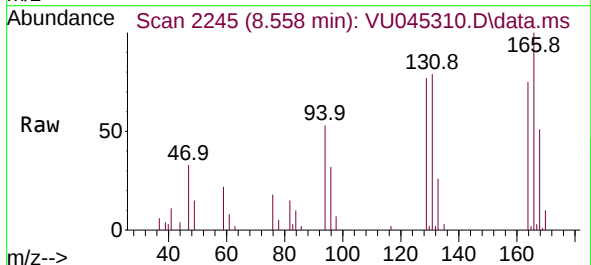
Tgt Ion: 95 Resp: 14454
Ion Ratio Lower Upper
95 100
174 68.4 56.6 84.8
176 69.7 54.3 81.5

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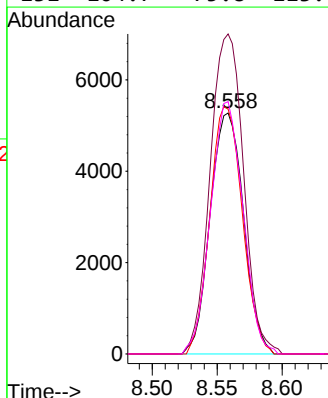
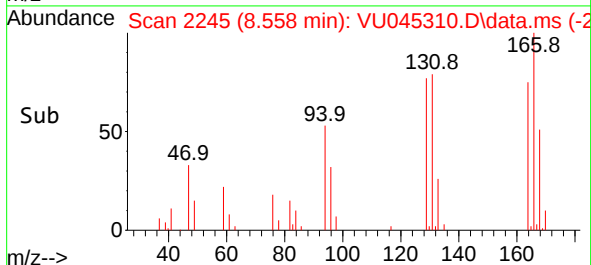
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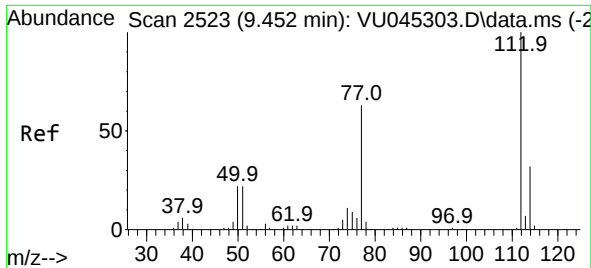


#58
Tetrachloroethene
Concen: 0.916 ug/l
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03



Tgt Ion: 164 Resp: 9408
Ion Ratio Lower Upper
164 100
166 132.8 102.0 153.0
129 101.6 77.1 115.7
131 104.7 75.8 113.6





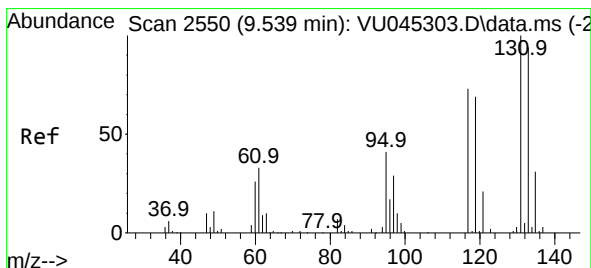
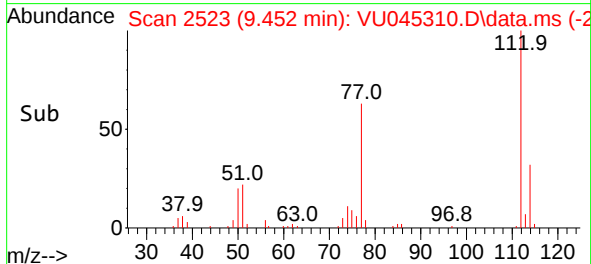
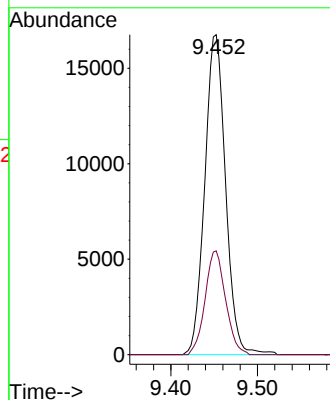
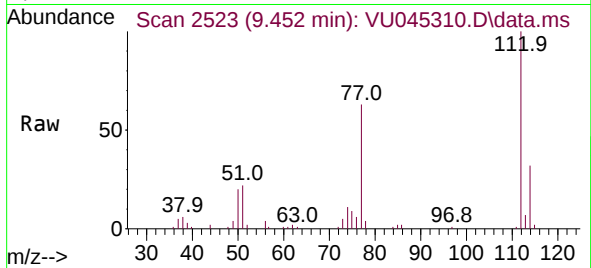
#59
Chlorobenzene
Concen: 0.937 ug/l
RT: 9.452 min Scan# 2523
Delta R.T. 0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

Tgt Ion:112 Resp: 27980
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.0

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

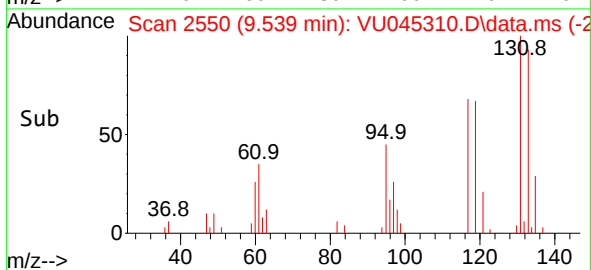
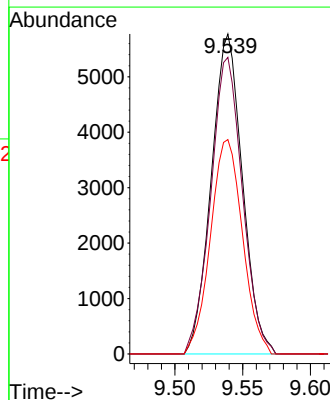
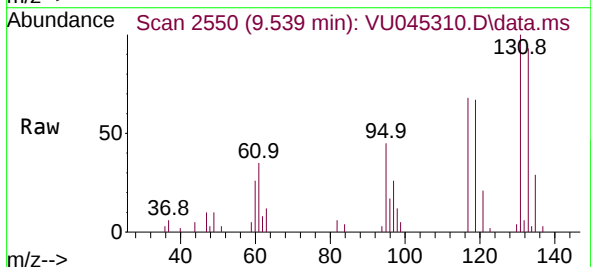
Manual Integrations
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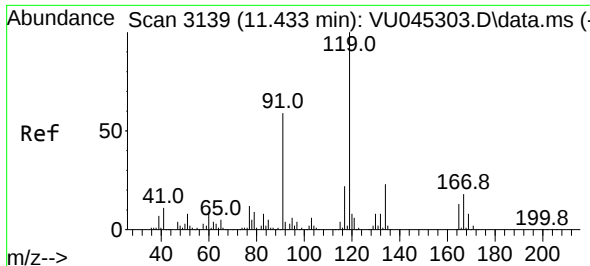
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#60
1,1,1,2-Tetrachloroethane
Concen: 0.928 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. -0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

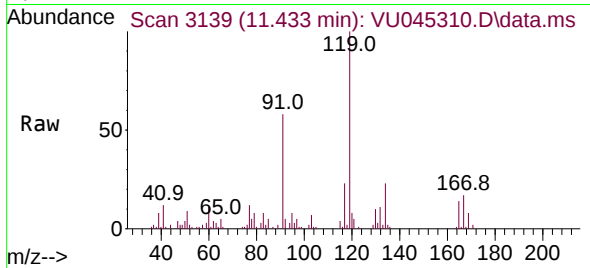
Tgt Ion:131 Resp: 9215
Ion Ratio Lower Upper
131 100
133 94.4 76.0 114.0
119 69.1 54.9 82.3





#61
 Pentachloroethane
 Concen: 0.953 ug/l
 RT: 11.433 min Scan# 3139
 Delta R.T. 0.000 min
 Lab File: VU045310.D
 Acq: 13 Oct 2021 16:03

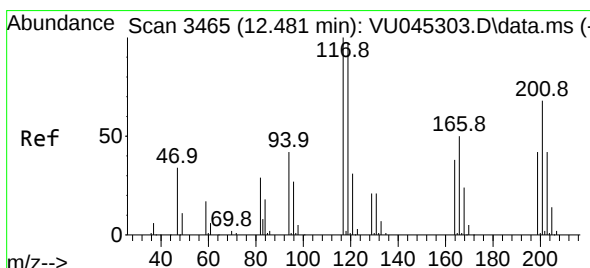
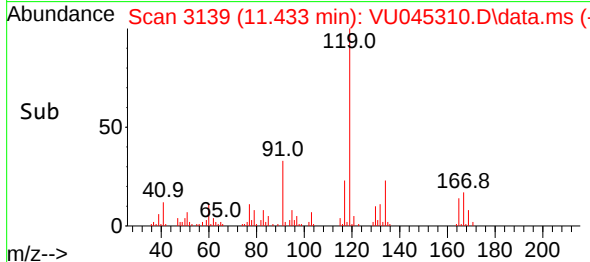
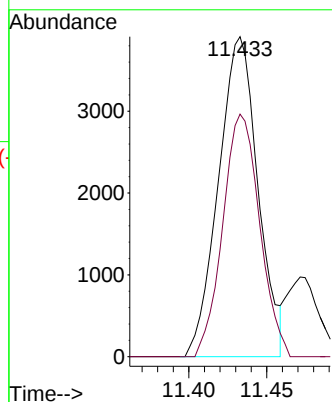
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT4-2021



Tgt Ion:117 Resp: 6889
 Ion Ratio Lower Upper
 117 100
 167 70.7 59.7 89.5

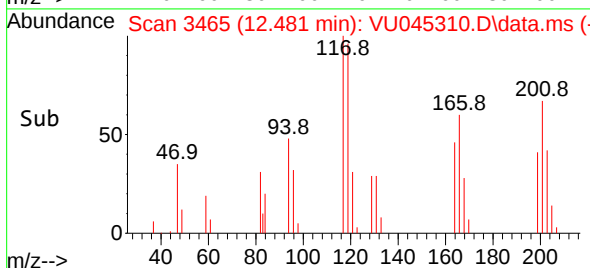
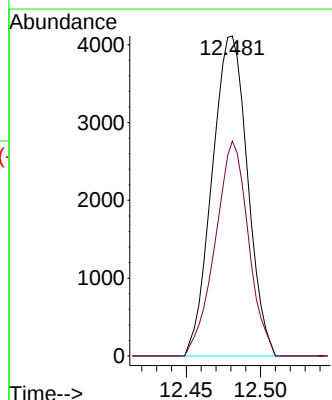
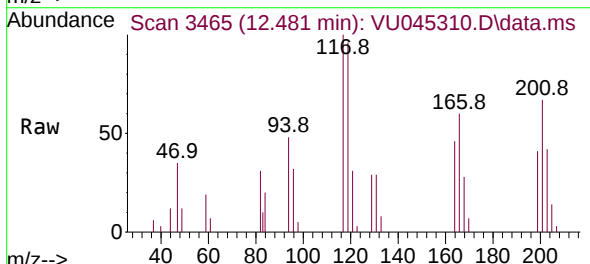
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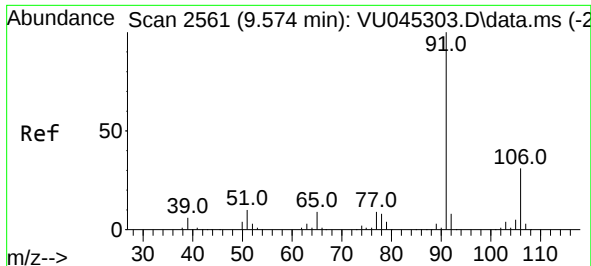
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#62
 Hexachloroethane
 Concen: 0.899 ug/l
 RT: 12.481 min Scan# 3465
 Delta R.T. 0.000 min
 Lab File: VU045310.D
 Acq: 13 Oct 2021 16:03

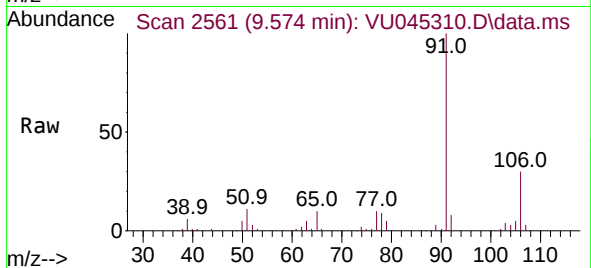
Tgt Ion:117 Resp: 6825
 Ion Ratio Lower Upper
 117 100
 201 63.0 53.6 80.4





#63
Ethyl Benzene
Concen: 0.887 ug/l
RT: 9.574 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

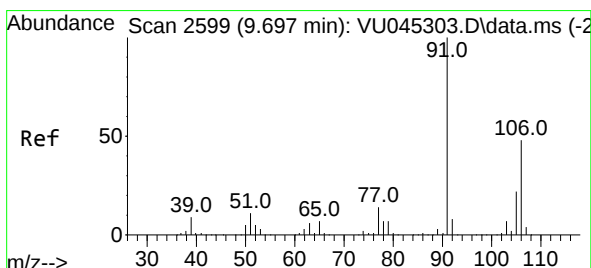
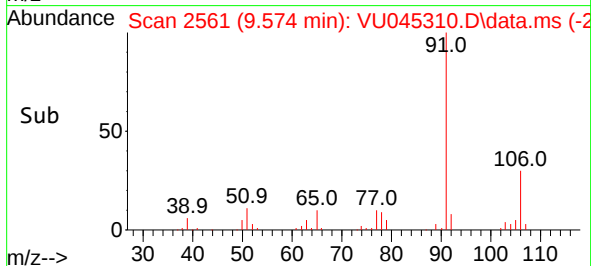
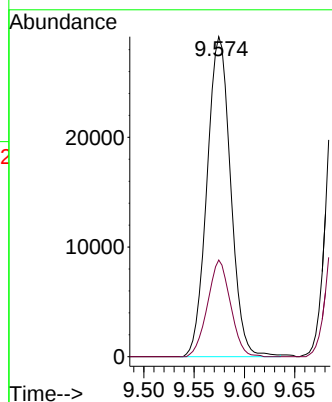
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 91 Resp: 47639
Ion Ratio Lower Upper
91 100
106 30.2 24.4 36.6

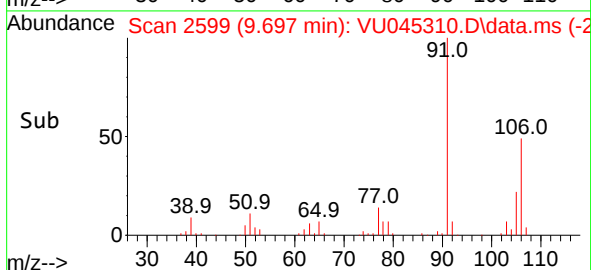
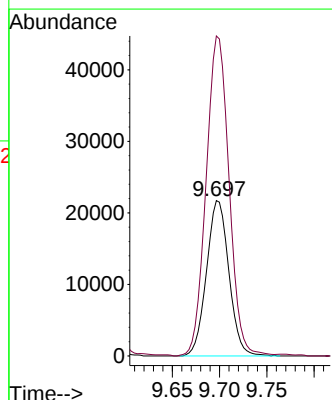
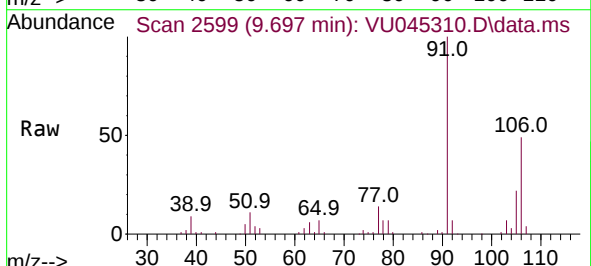
Manual Integrations
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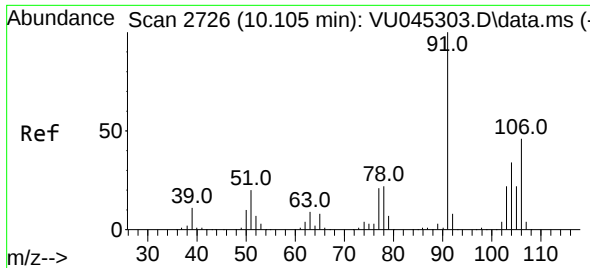
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#64
m/p-Xylenes
Concen: 1.759 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

Tgt Ion: 106 Resp: 35832
Ion Ratio Lower Upper
106 100
91 210.9 165.5 248.3





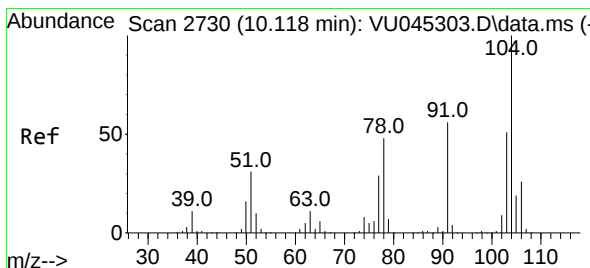
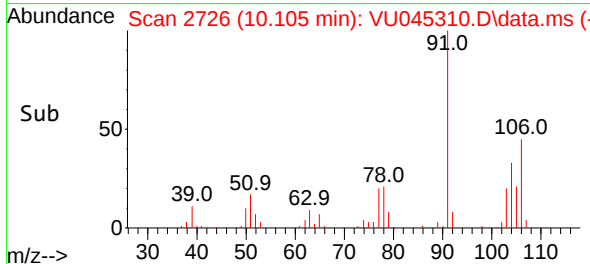
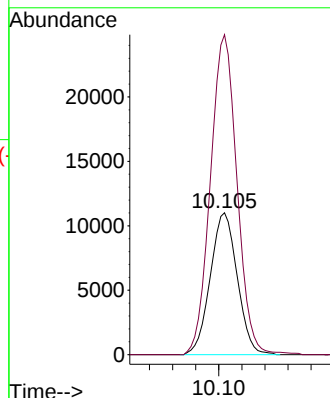
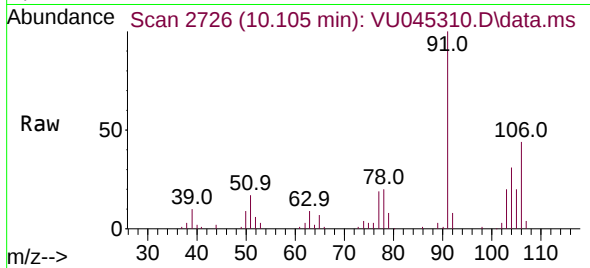
#65
o-Xylene
Concen: 0.898 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

Tgt Ion:106 Resp: 17864
Ion Ratio Lower Upper
106 100
91 222.4 109.4 328.2

Instrument :
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ClientSampleId :
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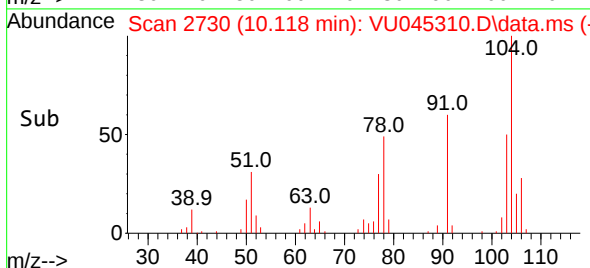
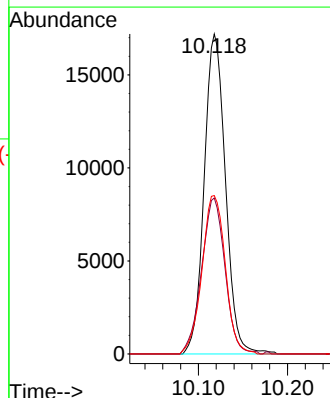
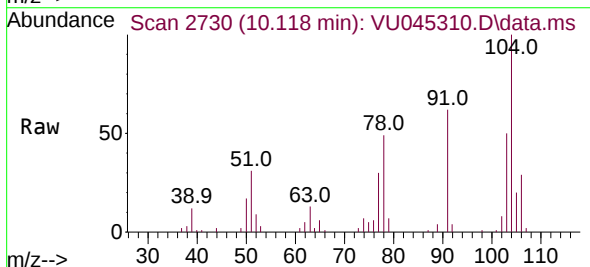
Manual Integrations
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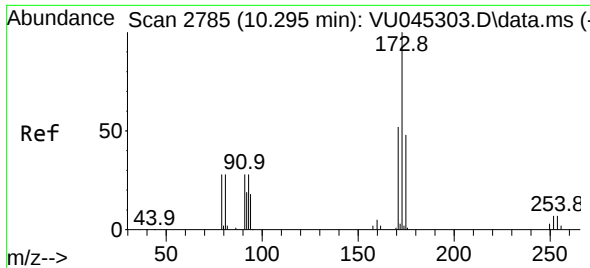
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#66
Styrene
Concen: 0.877 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

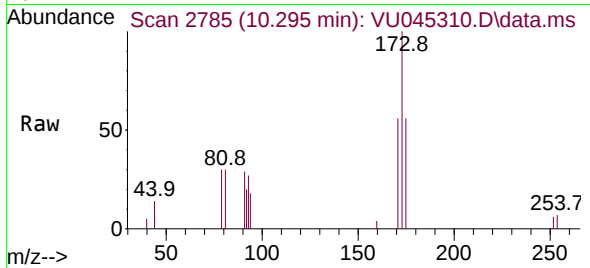
Tgt Ion:104 Resp: 28524
Ion Ratio Lower Upper
104 100
78 53.6 42.4 63.6
103 54.4 44.2 66.4





#67
Bromoform
Concen: 0.893 ug/l
RT: 10.295 min Scan# 2785
Delta R.T. 0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

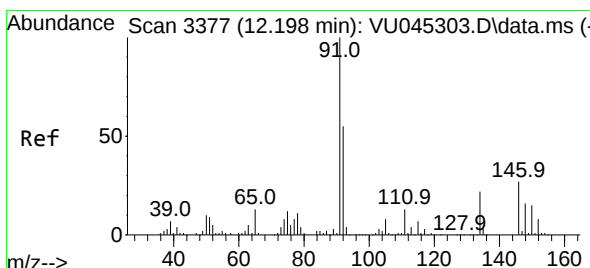
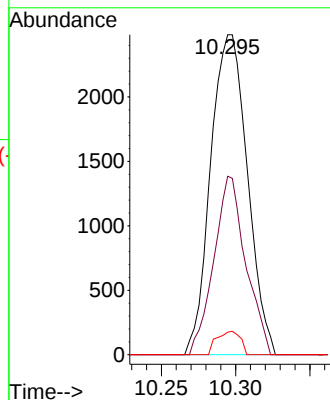
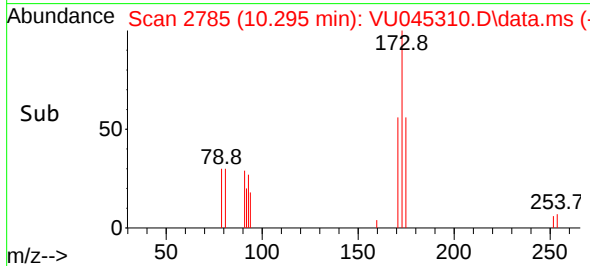
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2021



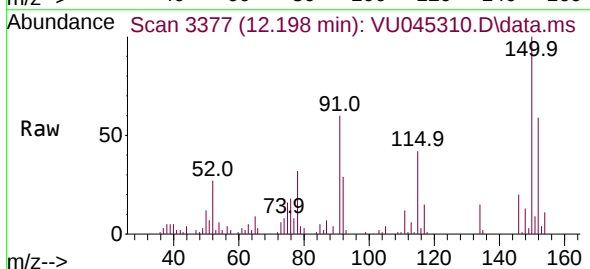
Tgt Ion:173 Resp: 4273
Ion Ratio Lower Upper
173 100
175 48.5 39.0 58.4
254 4.7 5.5 8.3#

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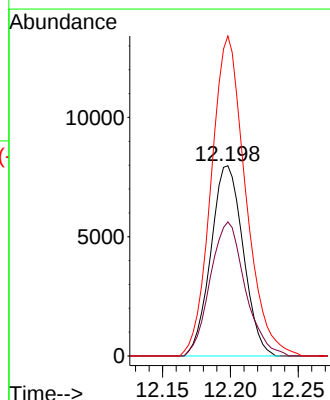
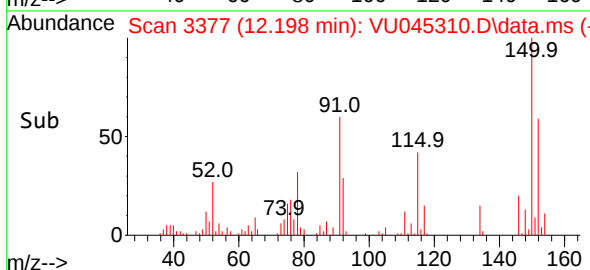
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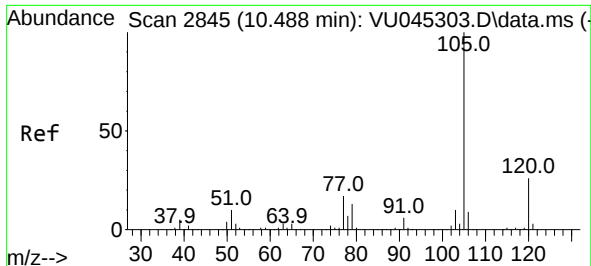


#68
1,2-Dichlorobenzene-d4
Concen: 0.954 ug/l
RT: 12.198 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03



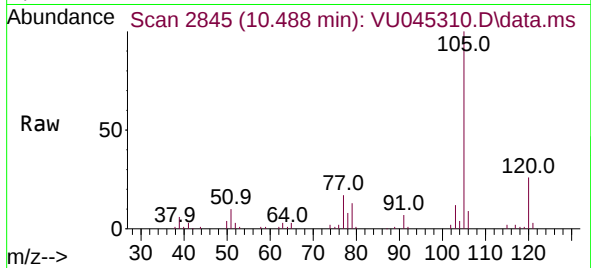
Tgt Ion:152 Resp: 13223
Ion Ratio Lower Upper
152 100
115 76.2 0.0 251.0
150 179.1 0.0 613.8





#69
Isopropylbenzene
Concen: 0.887 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

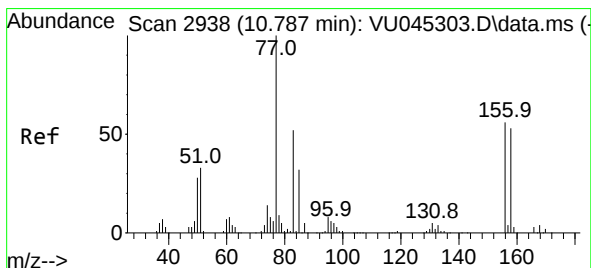
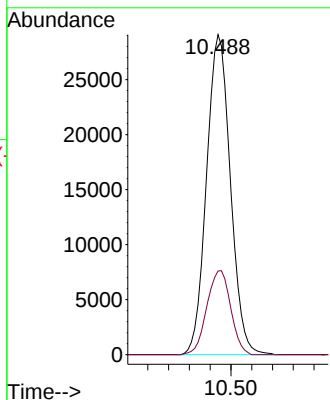
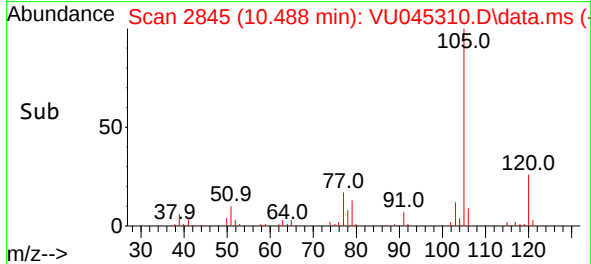
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2021



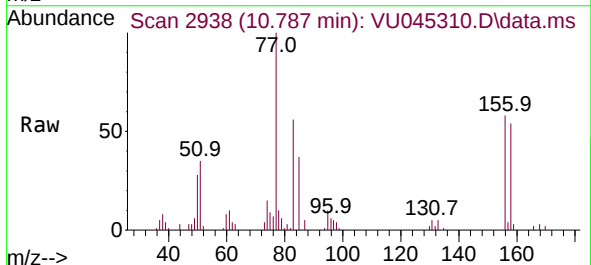
Tgt Ion:105 Resp: 46355
Ion Ratio Lower Upper
105 100
120 26.2 12.8 38.4

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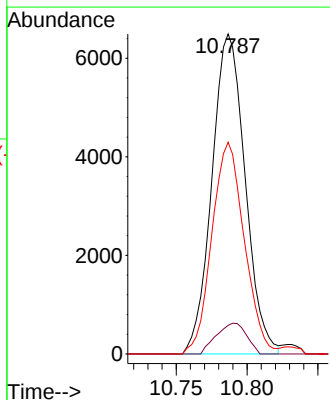
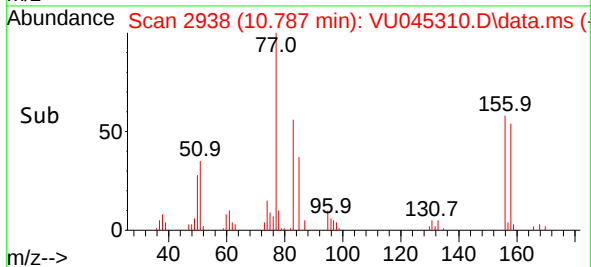
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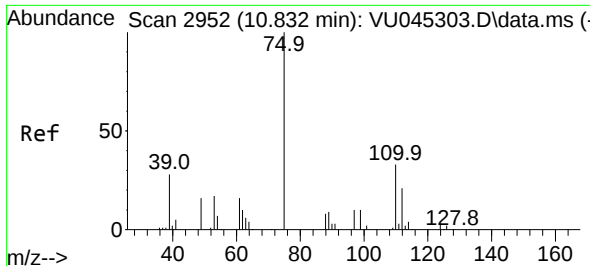


#70
1,1,2,2-Tetrachloroethane
Concen: 0.948 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03



Tgt Ion: 83 Resp: 10591
Ion Ratio Lower Upper
83 100
131 8.7 7.6 11.4
85 64.6 50.9 76.3





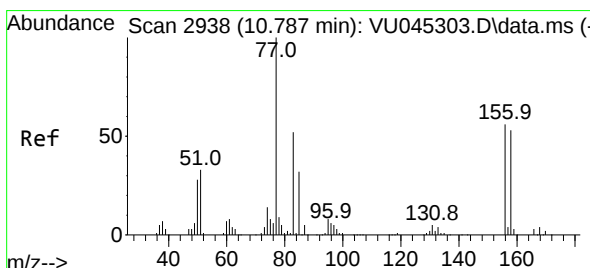
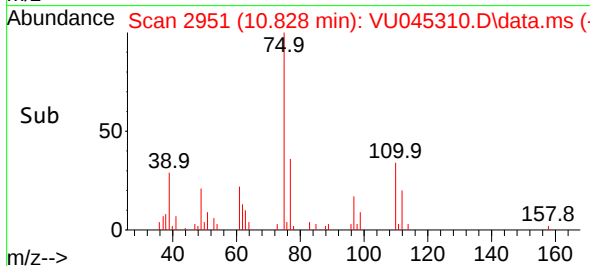
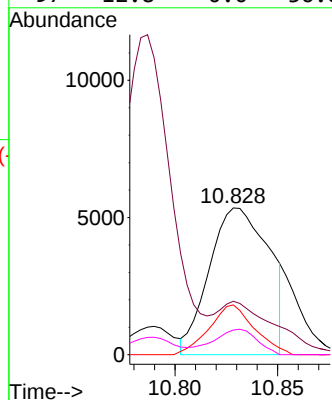
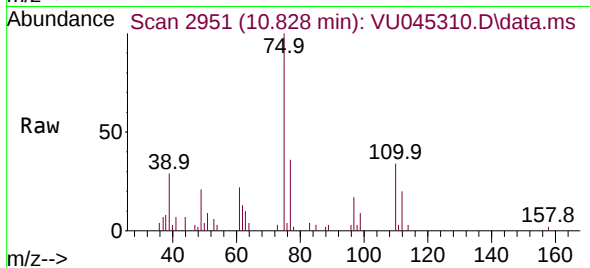
#71
1,2,3-Trichloropropane
Concen: 1.171 ug/l m
RT: 10.828 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

Tgt Ion:	75	Resp:	10788
Ion Ratio	Lower	Upper	
75	100		
77	33.6	0.0	105.6
110	25.8	0.0	71.2
97	12.8	0.0	36.8

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

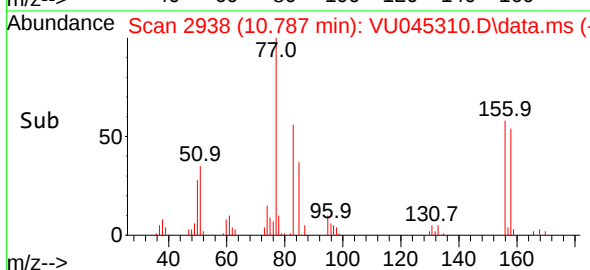
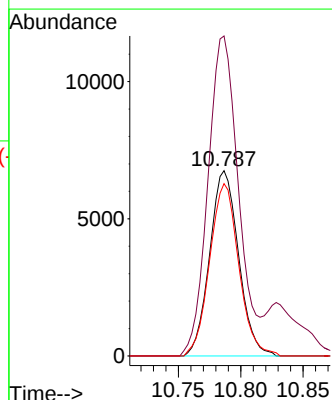
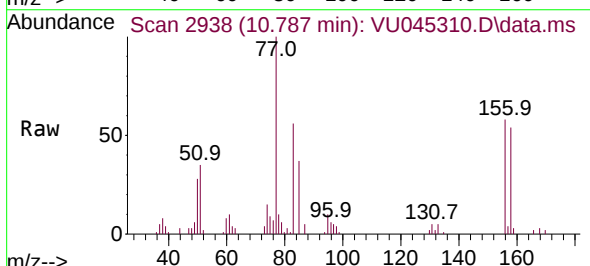
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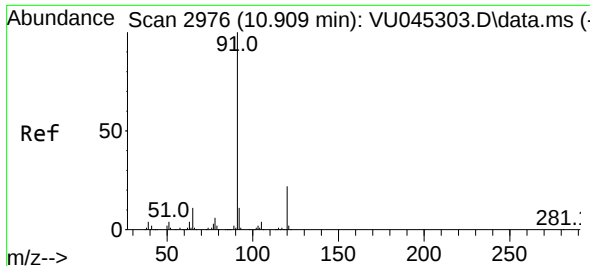
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#72
Bromobenzene
Concen: 0.945 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

Tgt Ion:	156	Resp:	10904
Ion Ratio	Lower	Upper	
156	100		
77	181.4	0.0	370.6
158	93.7	0.0	193.4





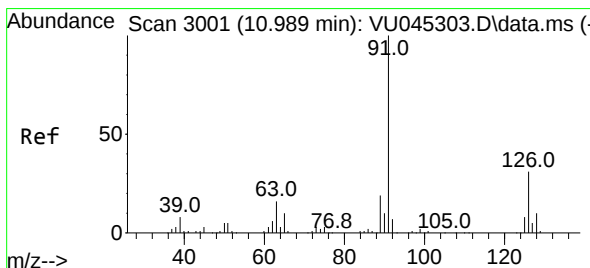
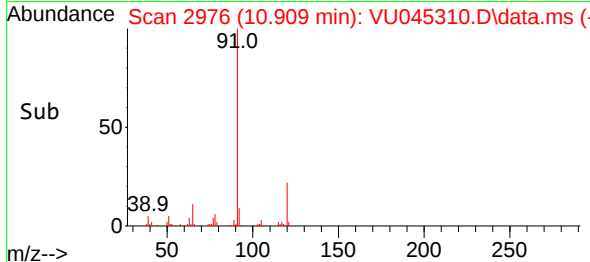
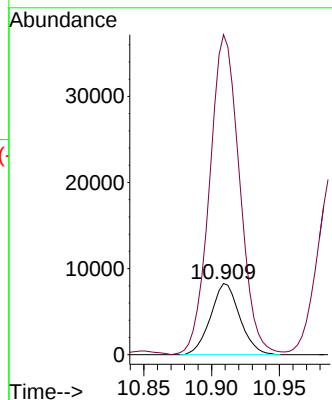
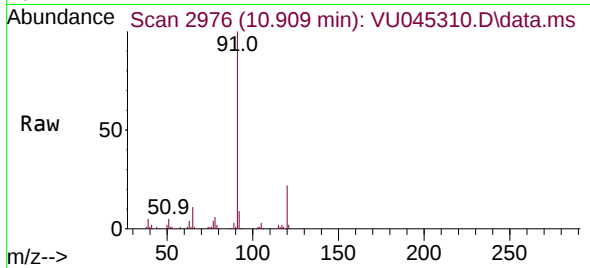
#73
n-propylbenzene
Concen: 0.905 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

Tgt Ion:120 Resp: 12365
Ion Ratio Lower Upper
120 100
91 463.5 370.7 556.1

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

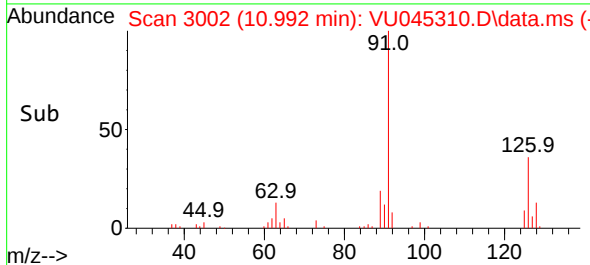
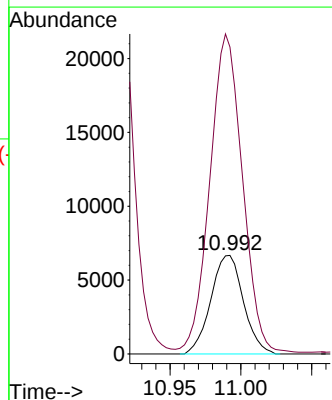
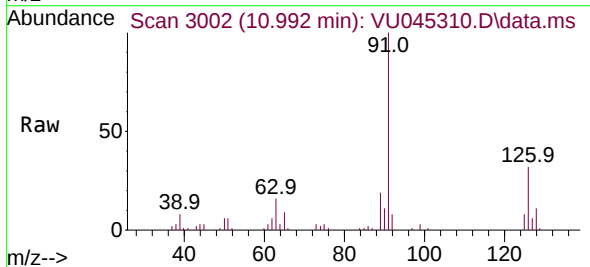
Manual Integrations
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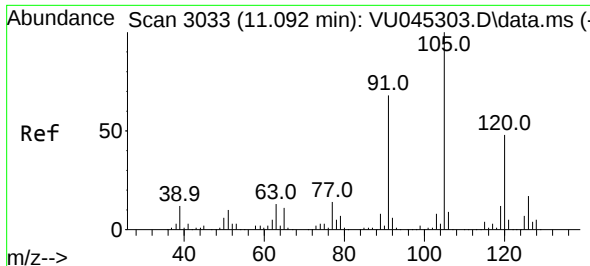
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#74
2-Chlorotoluene
Concen: 0.904 ug/l
RT: 10.992 min Scan# 3002
Delta R.T. 0.003 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

Tgt Ion:126 Resp: 10668
Ion Ratio Lower Upper
126 100
91 327.4 0.0 639.6





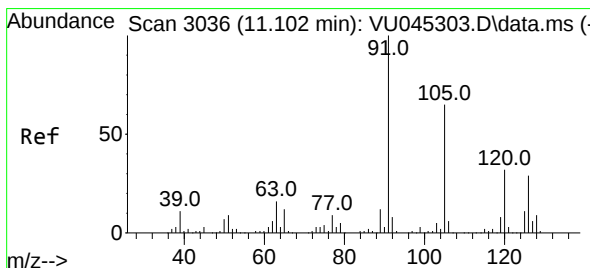
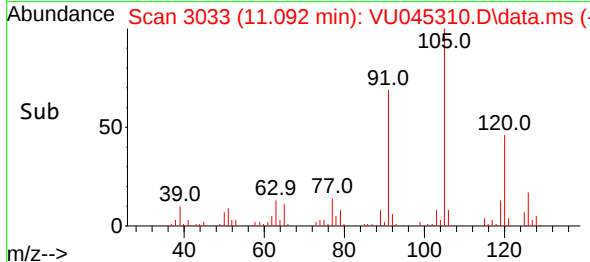
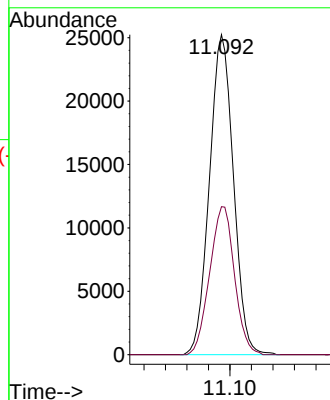
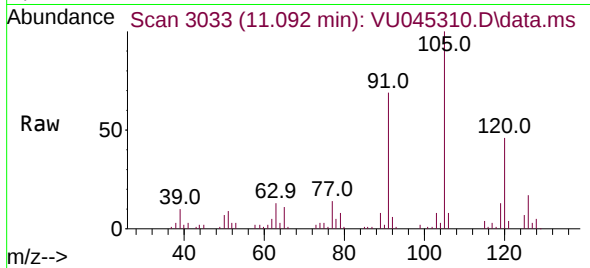
#75
1,3,5-Trimethylbenzene
Concen: 0.897 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

Tgt Ion:105 Resp: 39081
Ion Ratio Lower Upper
105 100
120 47.8 38.6 58.0

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

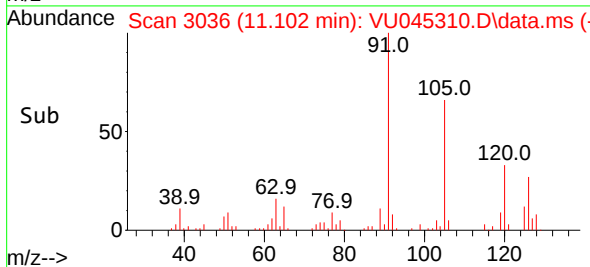
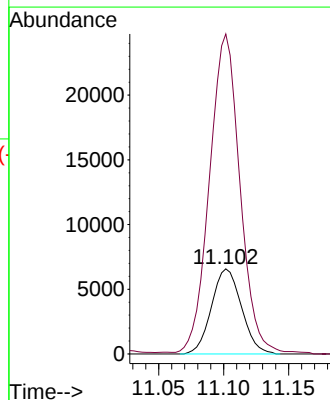
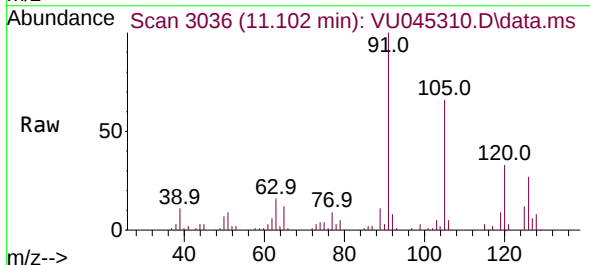
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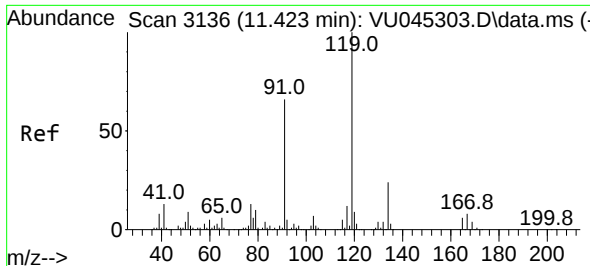
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#76
4-Chlorotoluene
Concen: 0.874 ug/l
RT: 11.102 min Scan# 3036
Delta R.T. 0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

Tgt Ion:126 Resp: 10543
Ion Ratio Lower Upper
126 100
91 384.2 0.0 728.0





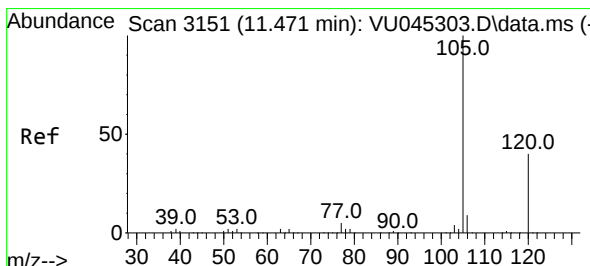
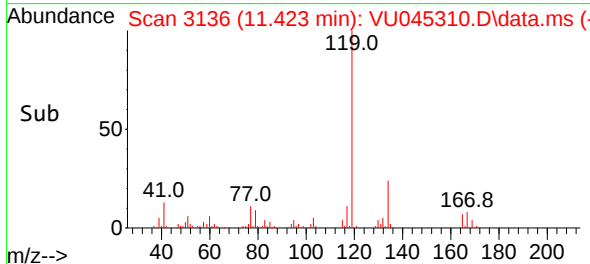
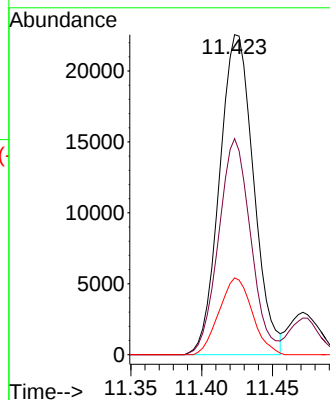
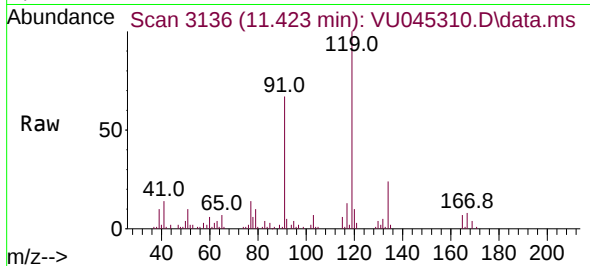
#77
tert-Butylbenzene
Concen: 0.893 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

Tgt Ion:119 Resp: 37778
Ion Ratio Lower Upper
119 100
91 63.9 31.4 94.3
134 23.3 18.5 27.7

Instrument :
MSVOA_U
ClientSampleId :
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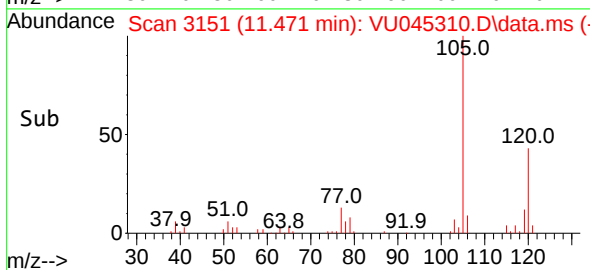
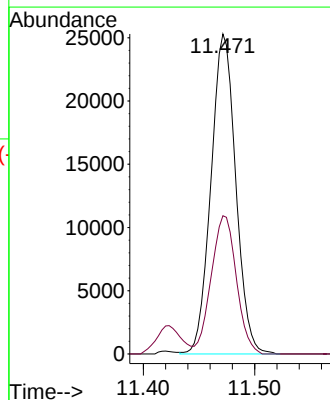
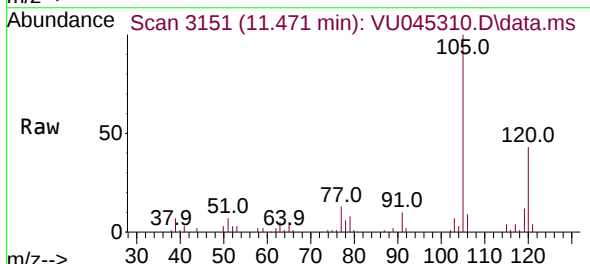
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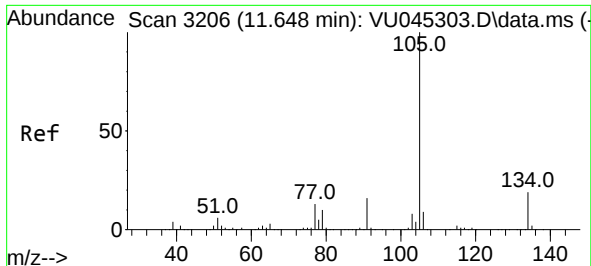
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#78
1,2,4-Trimethylbenzene
Concen: 0.878 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

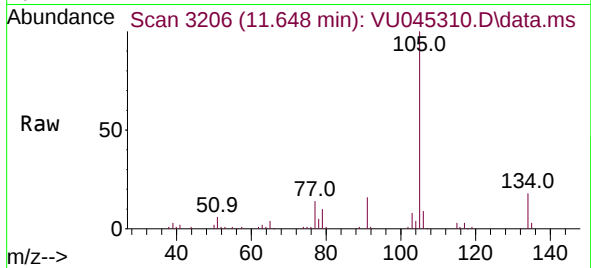
Tgt Ion:105 Resp: 39089
Ion Ratio Lower Upper
105 100
120 43.8 22.3 66.8





#79
 sec-Butylbenzene
 Concen: 0.877 ug/l
 RT: 11.648 min Scan# 3206
 Delta R.T. 0.000 min
 Lab File: VU045310.D
 Acq: 13 Oct 2021 16:03

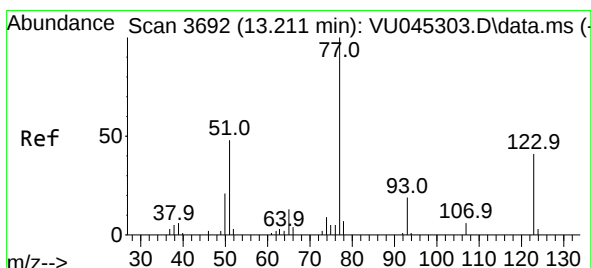
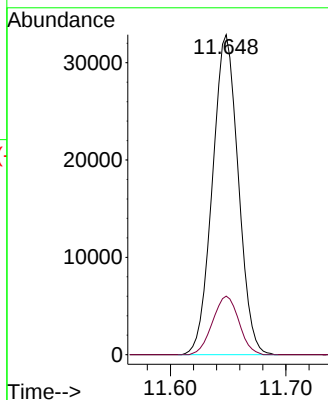
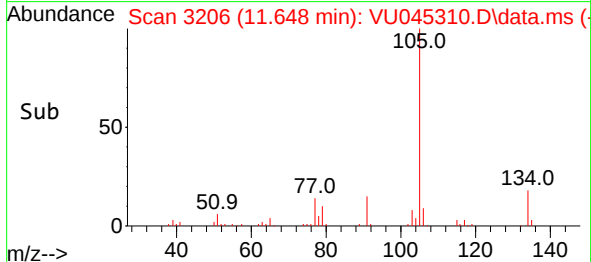
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT4-2021



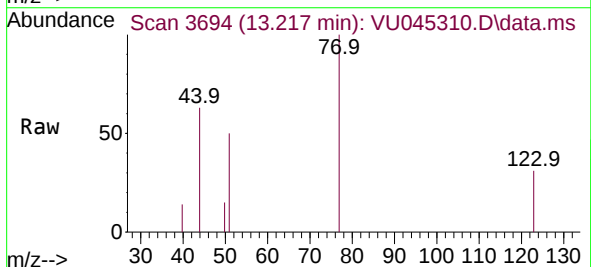
Tgt Ion:105 Resp: 51127
 Ion Ratio Lower Upper
 105 100
 134 18.6 15.4 23.0

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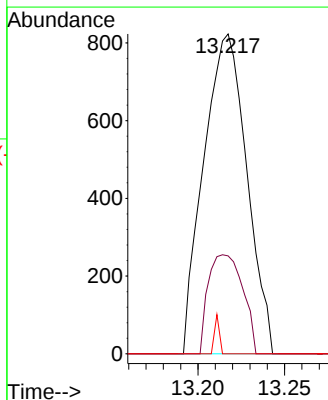
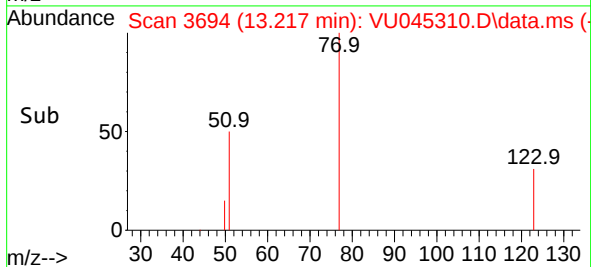
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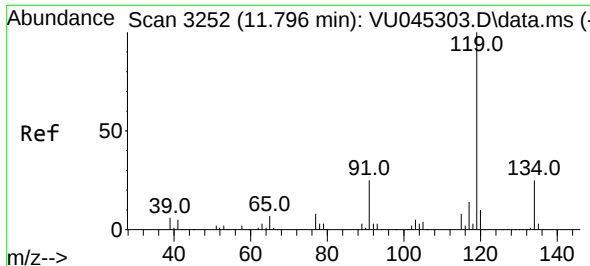


#80
 Nitrobenzene
 Concen: 4.469 ug/l
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.006 min
 Lab File: VU045310.D
 Acq: 13 Oct 2021 16:03

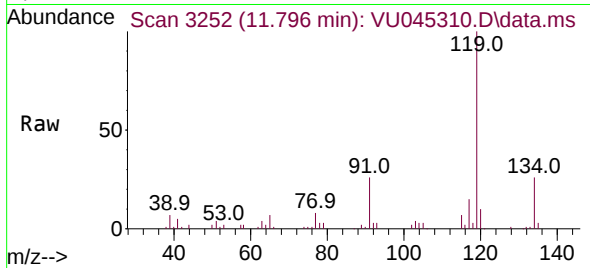


Tgt Ion: 77 Resp: 1422
 Ion Ratio Lower Upper
 77 100
 123 24.8 18.2 64.4
 65 1.3 12.0 15.2#

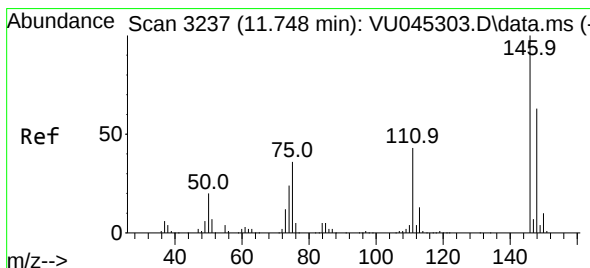
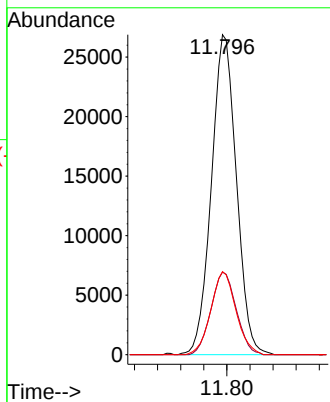
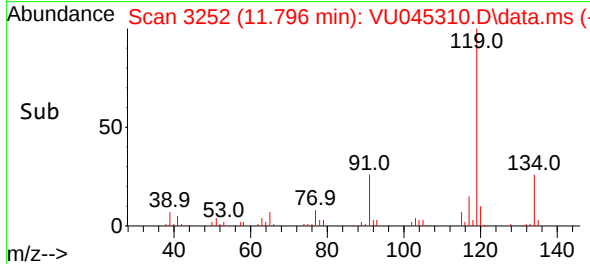




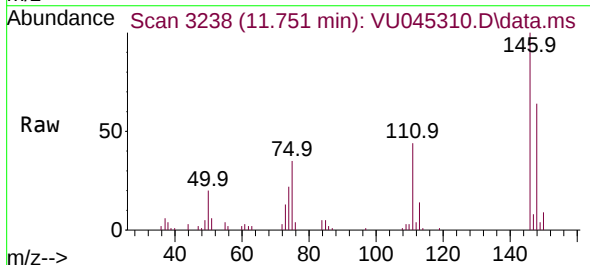
#81
p-Isopropyltoluene
Concen: 0.864 ug/l
RT: 11.796 min Scan# 3252
Delta R.T. 0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03



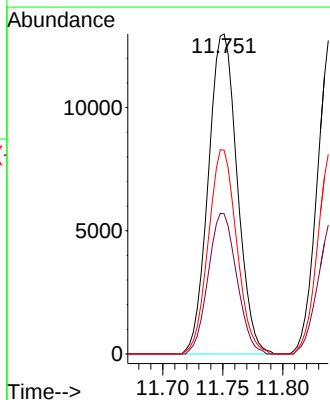
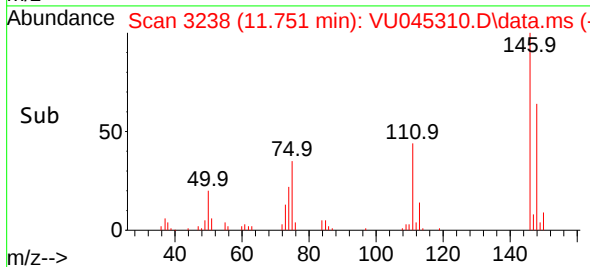
Tgt Ion:119 Resp: 40422
Ion Ratio Lower Upper
119 100
134 26.1 20.2 30.4
91 26.1 19.9 29.9



#82
1,3-Dichlorobenzene
Concen: 0.944 ug/l
RT: 11.751 min Scan# 3238
Delta R.T. 0.003 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03



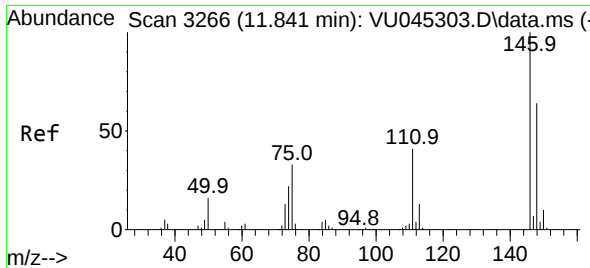
Tgt Ion:146 Resp: 21757
Ion Ratio Lower Upper
146 100
111 43.2 33.9 50.9
148 62.5 50.9 76.3



Instrument :
MSVOA_U
ClientSampleId :
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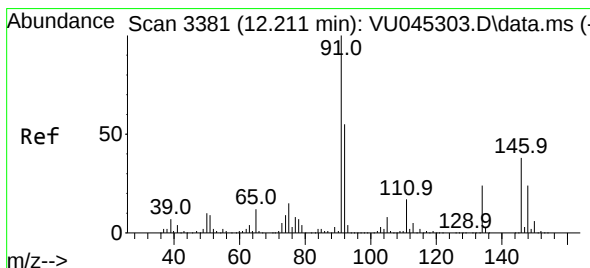
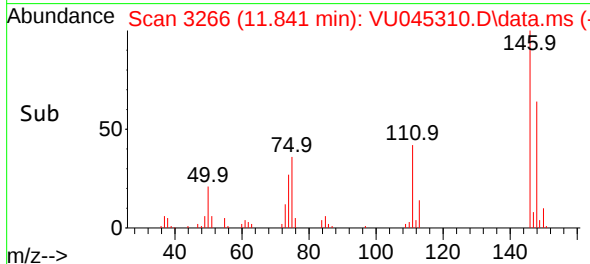
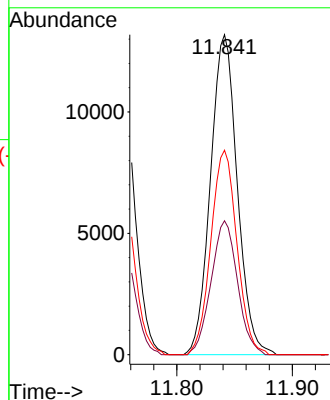
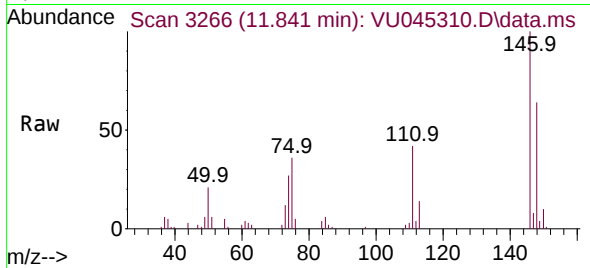
#83
1,4-Dichlorobenzene
Concen: 0.932 ug/l
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

Tgt Ion: 146 Resp: 21248
Ion Ratio Lower Upper
146 100
111 41.3 32.7 49.1
148 62.3 51.4 77.0

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

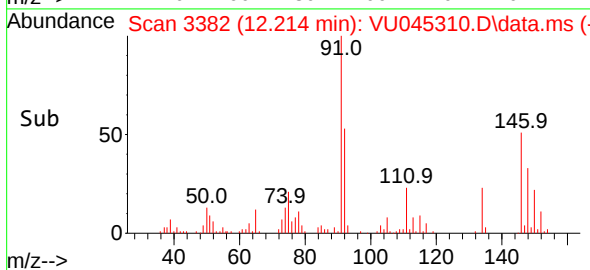
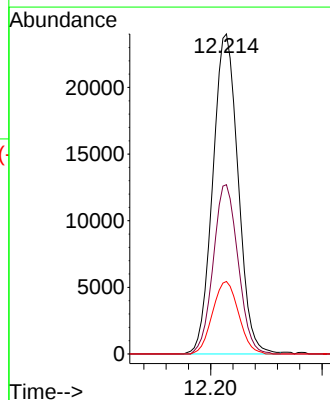
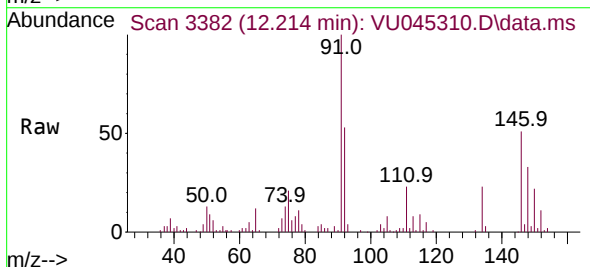
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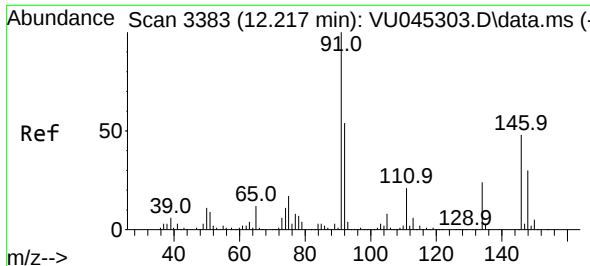
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#84
n-Butylbenzene
Concen: 0.850 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

Tgt Ion: 91 Resp: 37907
Ion Ratio Lower Upper
91 100
92 51.9 43.5 65.3
134 23.3 19.0 28.4





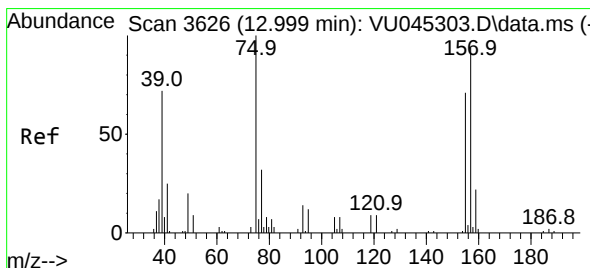
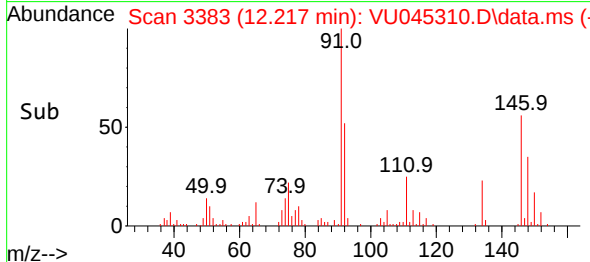
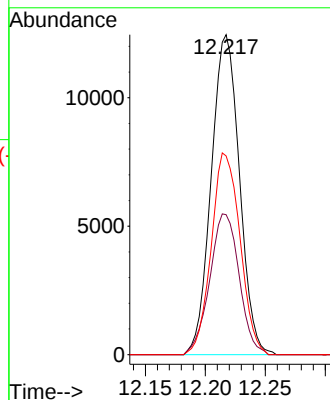
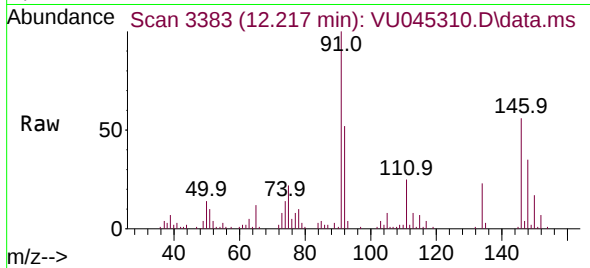
#85
1,2-Dichlorobenzene
Concen: 0.930 ug/l
RT: 12.217 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

Tgt Ion: 146 Resp: 20358
Ion Ratio Lower Upper
146 100
111 45.8 22.1 66.1
148 64.3 31.6 94.7

Instrument :
MSVOA_U
ClientSampleId :
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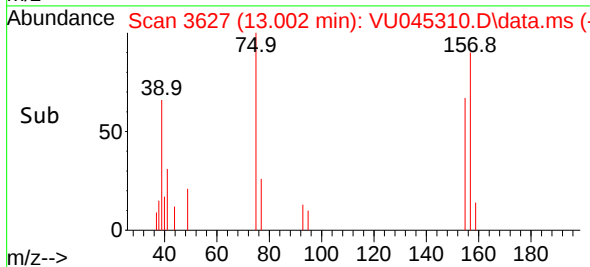
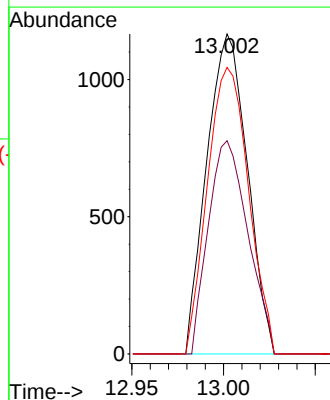
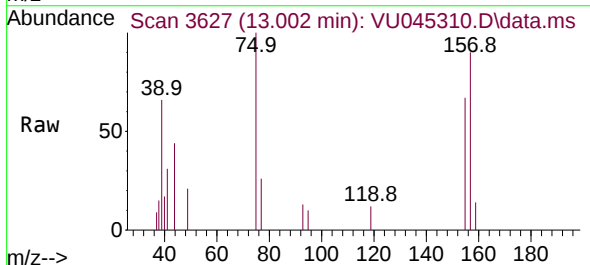
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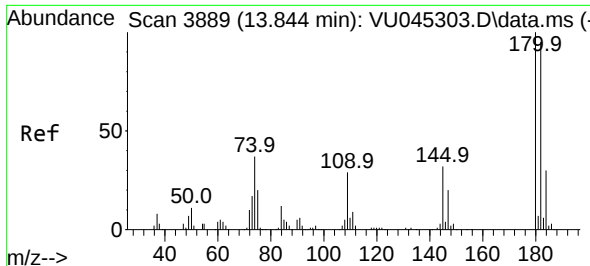
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#86
1,2-Dibromo-3-Chloropropane
Concen: 0.967 ug/l
RT: 13.002 min Scan# 3627
Delta R.T. 0.003 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

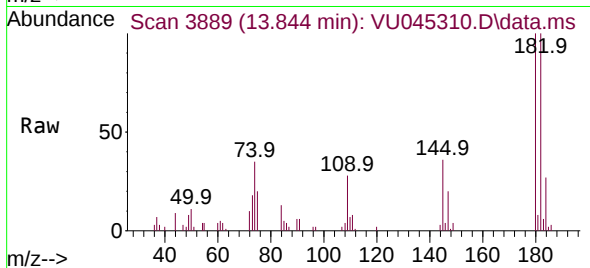
Tgt Ion: 75 Resp: 1796
Ion Ratio Lower Upper
75 100
155 65.1 57.8 86.8
157 90.6 75.1 112.7





#87
1,2,4-Trichlorobenzene
Concen: 0.839 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

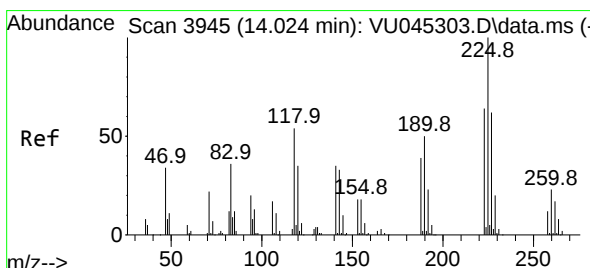
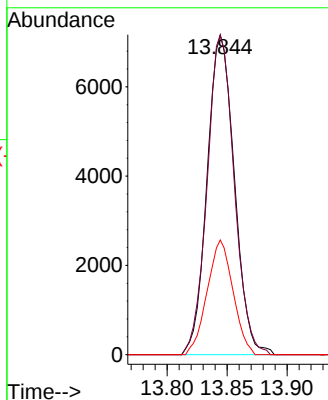
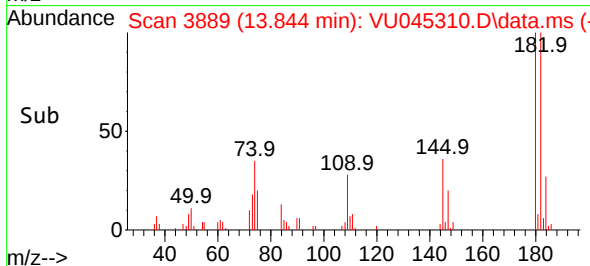
Instrument :
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ClientSampleId :
LOQ-WATER-02-QT4-2021



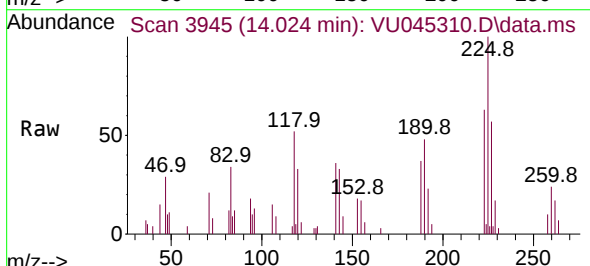
Tgt Ion:180 Resp: 11326
Ion Ratio Lower Upper
180 100
182 99.0 75.8 113.8
145 33.9 25.3 37.9

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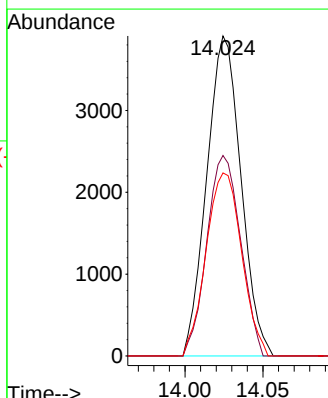
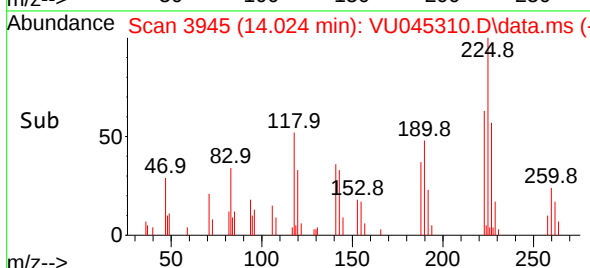
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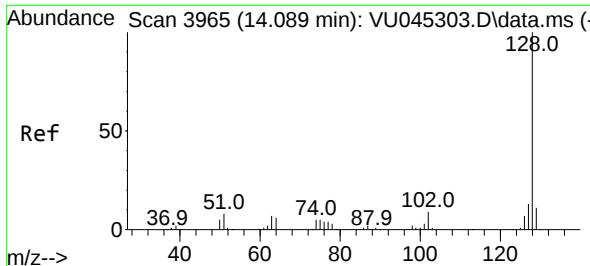


#88
Hexachlorobutadiene
Concen: 0.945 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. 0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03



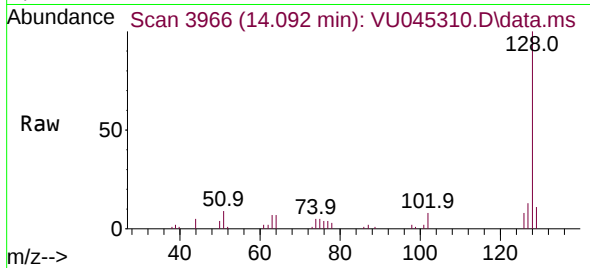
Tgt Ion:225 Resp: 5963
Ion Ratio Lower Upper
225 100
223 61.8 51.1 76.7
227 59.5 49.9 74.9





#89
Naphthalene
Concen: 0.816 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03

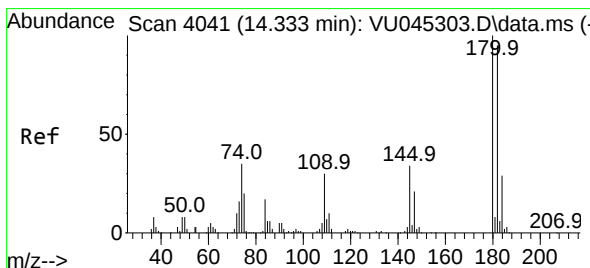
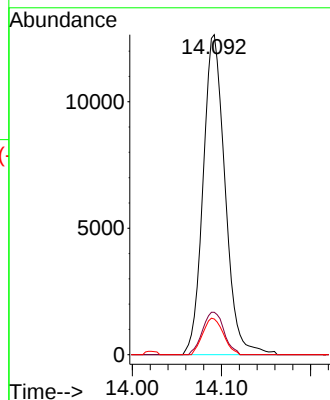
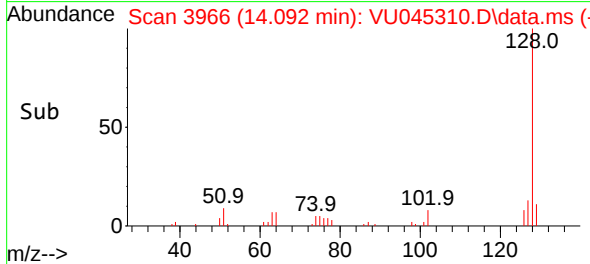
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ClientSampleId :
LOQ-WATER-02-QT4-2021



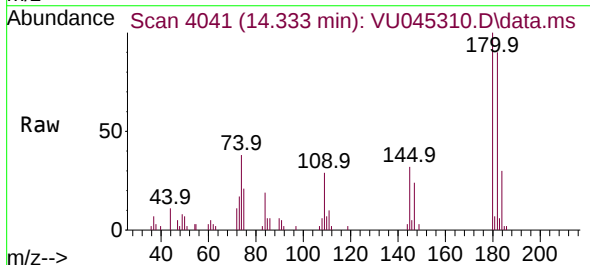
Tgt Ion:128 Resp: 21647
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.7 8.6 13.0

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#90
1,2,3-Trichlorobenzene
Concen: 0.851 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU045310.D
Acq: 13 Oct 2021 16:03



Tgt Ion:180 Resp: 10661
Ion Ratio Lower Upper
180 100
182 91.7 75.4 113.0
145 32.7 27.0 40.4

