

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031721\
 Data File : VU042697.D
 Acq On : 17 Mar 2021 19:07
 Operator : SY/MD
 Sample : VU0317WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0317WBSD01

Manual Integrations
 APPROVED

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 3/25/2021 1:08:05 PM

Quant Time: Mar 18 07:36:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U031721DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Mar 18 07:25:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.125	96	15514	1.00	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.642	95	6007	0.87	ug/l	0.00
Spiked Amount 1.000			Recovery	=	87.00%	
68) 1,2-Dichlorobenzene-d4	12.201	152	6760	0.92	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.00%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	11866	1.96	ug/l	98
3) Chloromethane	1.523	50	11418	2.00	ug/l	100
4) Vinyl Chloride	1.610	62	11056	2.01	ug/l	95
5) Bromomethane	1.861	94	8210	2.26	ug/l	92
6) Chloroethane	1.938	64	7517	2.00	ug/l	99
7) Trichlorofluoromethane	2.144	101	19833	2.11	ug/l	95
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	10202	2.16	ug/l	96
9) 1,1-Dichloroethene	2.591	96	8637	2.12	ug/l	92
10) Iodomethane	2.732	142	13683	2.13	ug/l	94
11) Allyl Chloride	2.932	41	15842	2.03	ug/l	93
12) Acrylonitrile	3.330	53	5067	4.29	ug/l #	92
13) Acetone	2.642	43	8482	9.22	ug/l	95
14) Carbon Disulfide	2.800	76	25143	1.97	ug/l	97
15) Methylene Chloride	3.057	84	10170	2.06	ug/l	91
16) trans-1,2-Dichloroethene	3.363	96	8938	2.03	ug/l	93
17) 1,1-Dichloroethane	3.880	63	18283	2.02	ug/l	98
18) 2-Butanone	4.739	43	15271	9.04	ug/l	97
19) Cyclohexane	5.388	56	15674m	2.03	ug/l	
20) Methylcyclohexane	6.771	83	12520	1.87	ug/l	99
21) 2,2-Dichloropropane	4.674	77	15655	1.88	ug/l	99
22) cis-1,2-Dichloroethene	4.678	96	10055	2.03	ug/l	98
23) Diethyl Ether	2.385	59	7090	2.05	ug/l	98
24) tert-Butyl Alcohol	3.215	59	4896	20.00	ug/l #	96
25) Methyl tert-Butyl Ether	3.379	73	24020	1.99	ug/l	99
26) Bromochloromethane	4.986	128	4859	2.04	ug/l	99
27) Chloroform	5.102	83	19273	2.04	ug/l	97
28) 1,1,1-Trichloroethane	5.324	97	17068	1.99	ug/l	97
29) 1,1-Dichloropropene	5.533	75	11813	1.97	ug/l	96
30) Carbon Tetrachloride	5.530	117	13210	1.99	ug/l	98
31) Isopropyl Ether	4.012	45	32689	2.02	ug/l	96
32) Ethyl-t-butyl ether	4.527	59	29882	2.08	ug/l	96
33) Tert-Amyl methyl ether	5.961	73	20600	1.97	ug/l	98
34) Propionitrile	4.806	54	3400	9.16	ug/l #	96
35) Benzene	5.784	78	33249	1.97	ug/l	99
36) 1,2-Dichloroethane	5.806	62	13415	2.05	ug/l #	93
37) Trichloroethene	6.552	130	8957	1.98	ug/l	99
38) 1,2-Dichloropropane	6.803	63	9556	1.97	ug/l	91
39) Methacrylonitrile	4.999	41	4817	2.05	ug/l #	92
40) Methyl acrylate	4.867	55	5964	1.95	ug/l #	91
41) Tetrahydrofuran	5.080	42	4368	3.76	ug/l #	89
42) 1-Chlorobutane	5.469	56	17925	2.02	ug/l	97
43) Dibromomethane	6.932	93	5463	2.06	ug/l	97
44) Bromodichloromethane	7.118	83	11766	1.89	ug/l	96

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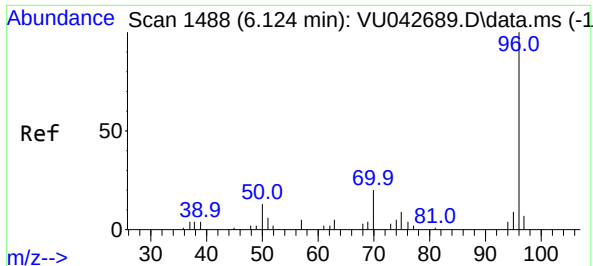
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.816	43	38618	9.69	ug/l	99
46) t-1,4-Dichloro-2-butene	10.848	75	3260m	3.09	ug/l	
47) Methyl methacrylate	6.980	69	9163	3.94	ug/l	98
48) Ethyl methacrylate	8.350	69	8850	1.91	ug/l	97
49) Toluene	7.977	92	20147	1.93	ug/l	98
50) t-1,3-Dichloropropene	8.221	75	10468	1.88	ug/l	99
51) cis-1,3-Dichloropropene	7.620	75	11462	1.84	ug/l	92
52) 1,1,2-Trichloroethane	8.411	97	6890	1.88	ug/l	98
53) 1,3-Dichloropropane	8.588	76	12535	1.98	ug/l	99
54) 2-Hexanone	8.703	43	26245	9.23	ug/l	96
55) Dibromochloromethane	8.819	129	8116	1.86	ug/l	99
56) 1,2-Dibromoethane	8.935	107	7068	1.94	ug/l	97
58) Tetrachloroethene	8.559	164	9923	2.01	ug/l	97
59) Chlorobenzene	9.456	112	23370	1.98	ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.542	131	8724	1.89	ug/l	98
61) Pentachloroethane	11.433	117	6735	1.90	ug/l	93
62) Hexachloroethane	12.484	117	6733	1.83	ug/l	98
63) Ethyl Benzene	9.578	91	37915	1.89	ug/l	99
64) m/p-Xylenes	9.703	106	29099	3.76	ug/l	100
65) o-Xylene	10.108	106	14461	1.93	ug/l	99
66) Styrene	10.124	104	24274	1.90	ug/l	98
67) Bromoform	10.301	173	5359	1.89	ug/l #	95
69) Isopropylbenzene	10.491	105	39208	1.93	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.793	83	9043	1.87	ug/l	99
71) 1,2,3-Trichloropropane	10.838	75	8639m	2.27	ug/l	
72) Bromobenzene	10.790	156	11076	1.94	ug/l	97
73) n-propylbenzene	10.915	120	10522	1.84	ug/l	95
74) 2-Chlorotoluene	10.993	126	9938	1.92	ug/l	98
75) 1,3,5-Trimethylbenzene	11.095	105	34342	1.89	ug/l	98
76) 4-Chlorotoluene	11.105	126	10371	1.89	ug/l	98
77) tert-Butylbenzene	11.430	119	34609	1.91	ug/l	98
78) 1,2,4-Trimethylbenzene	11.475	105	34784	1.85	ug/l	99
79) sec-Butylbenzene	11.652	105	45769	1.88	ug/l	99
80) Nitrobenzene	13.230	77	1061m	10.72	ug/l	
81) p-Isopropyltoluene	11.800	119	38724	1.88	ug/l	99
82) 1,3-Dichlorobenzene	11.755	146	22551	1.98	ug/l	99
83) 1,4-Dichlorobenzene	11.845	146	22512	1.96	ug/l	98
84) n-Butylbenzene	12.218	91	35943	1.82	ug/l	97
85) 1,2-Dichlorobenzene	12.221	146	21542	1.92	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	13.005	75	1598	1.77	ug/l	94
87) 1,2,4-Trichlorobenzene	13.851	180	13252	1.76	ug/l	94
88) Hexachlorobutadiene	14.031	225	9488	1.88	ug/l	96
89) Naphthalene	14.099	128	19990	2.05	ug/l	99
90) 1,2,3-Trichlorobenzene	14.340	180	12264	1.72	ug/l	94

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



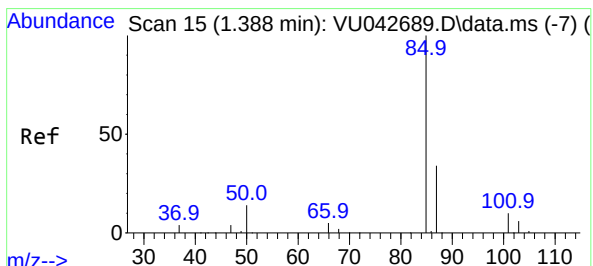
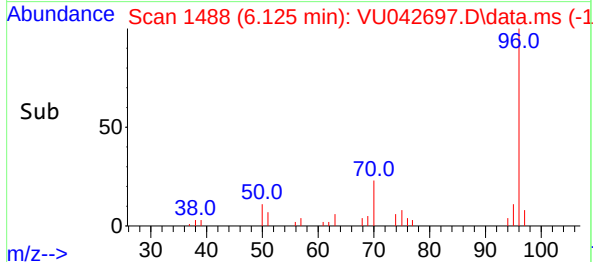
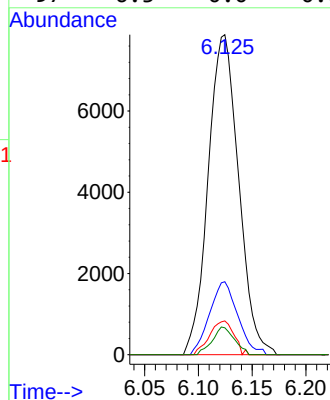
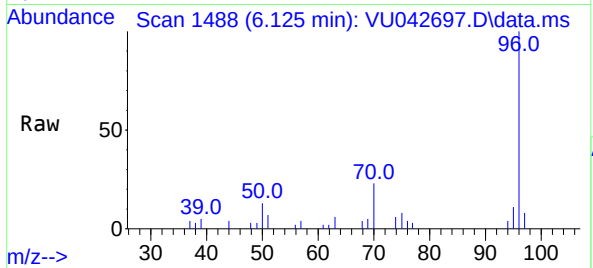
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Fluorobenzene
Concen: 1.00 ug/l
RT: 6.125 min Scan# 1488
Delta R.T. 0.001 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion:	96	Resp:	15514
Ion	Ratio	Lower	Upper
96	100		
70	21.1	17.2	25.8
95	8.5	8.0	12.0
97	6.3	0.0	0.0

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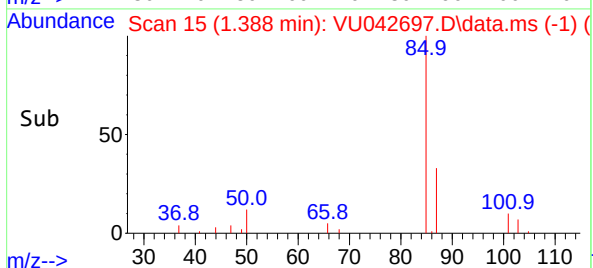
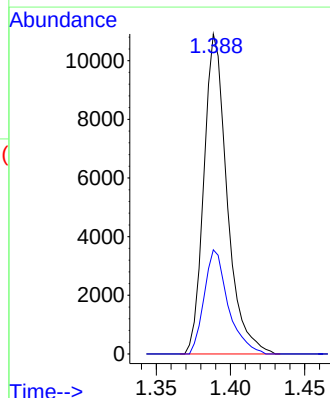
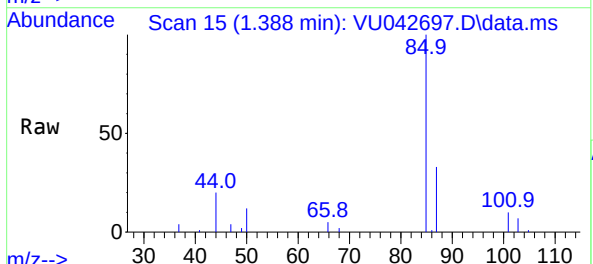
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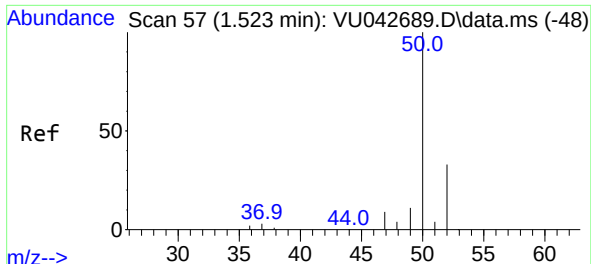
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#2
Dichlorodifluoromethane
Concen: 1.96 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion:	85	Resp:	11866
Ion	Ratio	Lower	Upper
85	100		
87	32.5	17.0	50.9





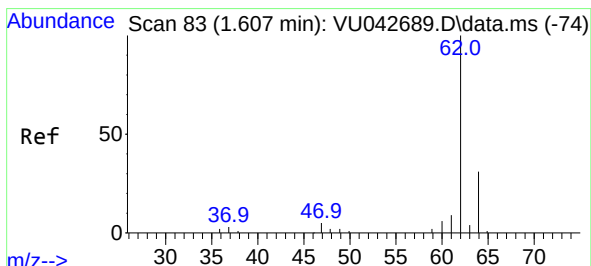
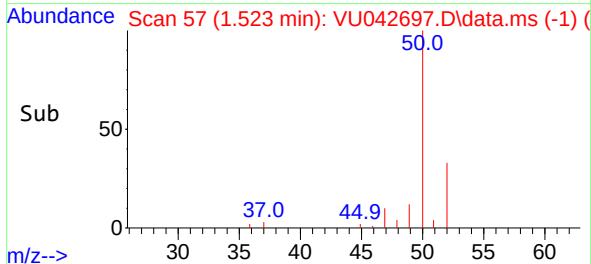
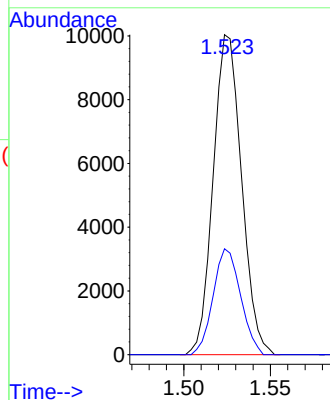
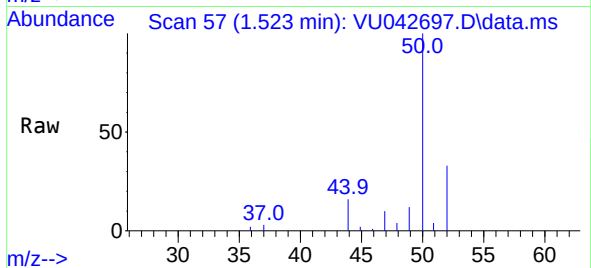
#3
Chloromethane
Concen: 2.00 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion: 50 Resp: 11418
Ion Ratio Lower Upper
50 100
52 33.1 26.6 40.0

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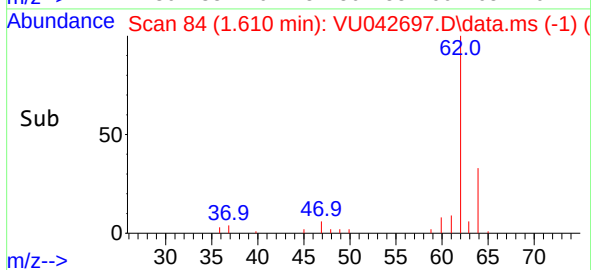
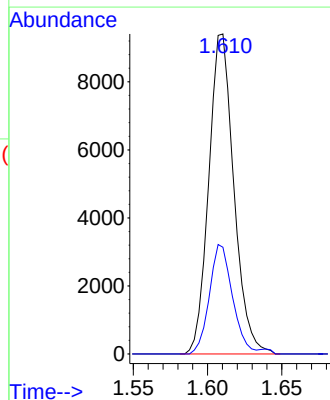
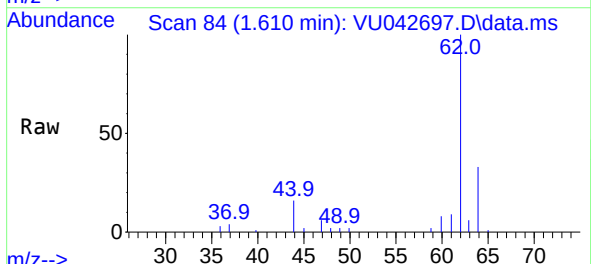
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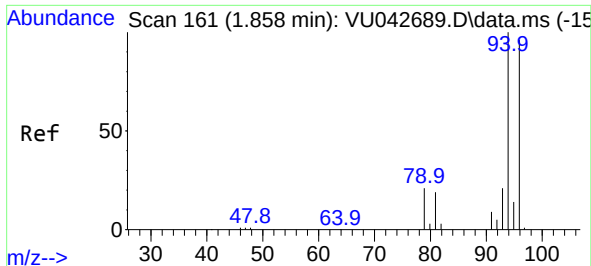
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#4
Vinyl Chloride
Concen: 2.01 ug/l
RT: 1.610 min Scan# 84
Delta R.T. 0.003 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion: 62 Resp: 11056
Ion Ratio Lower Upper
62 100
64 33.3 24.6 36.8





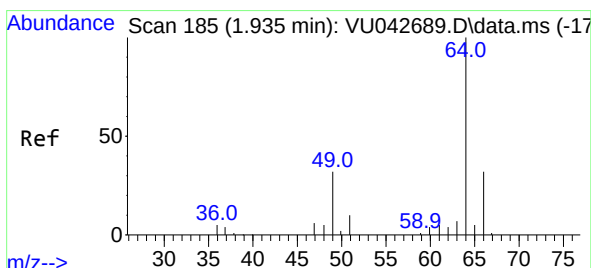
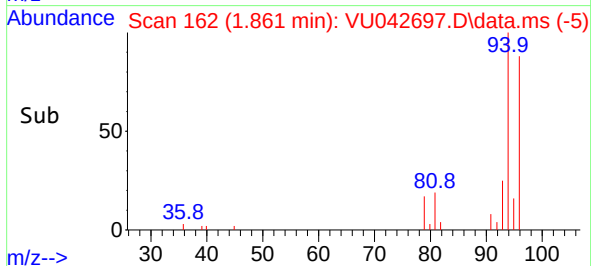
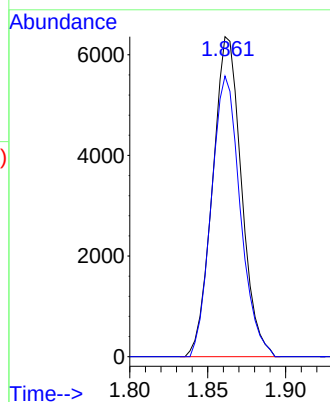
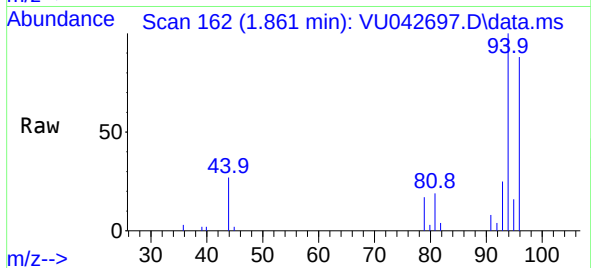
#5
Bromomethane
Concen: 2.26 ug/l
RT: 1.861 min Scan# 162
Delta R.T. 0.003 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion: 94 Resp: 8210
Ion Ratio Lower Upper
94 100
96 87.7 76.4 114.6

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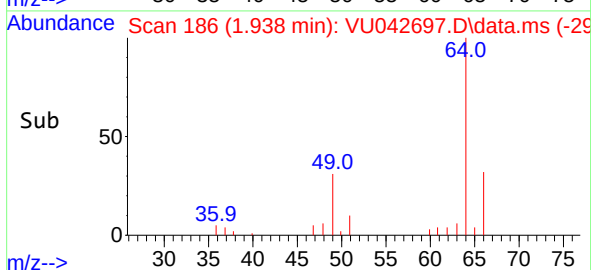
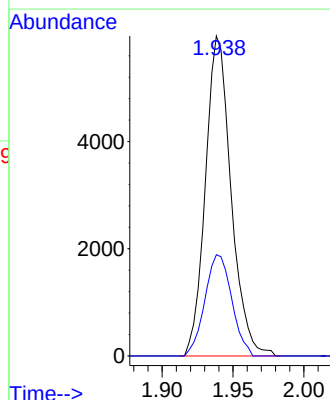
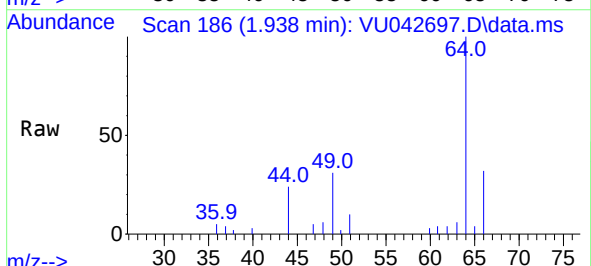
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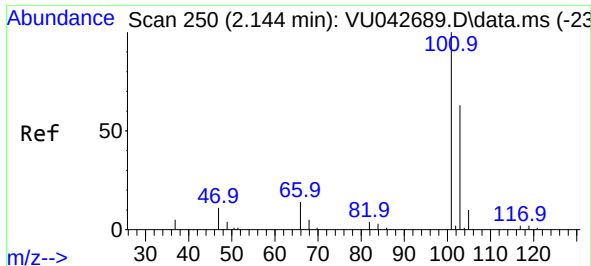
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#6
Chloroethane
Concen: 2.00 ug/l
RT: 1.938 min Scan# 186
Delta R.T. 0.003 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion: 64 Resp: 7517
Ion Ratio Lower Upper
64 100
66 31.7 25.8 38.6





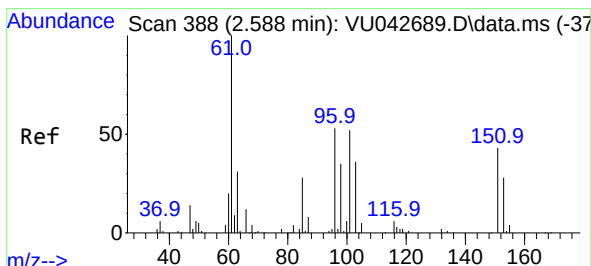
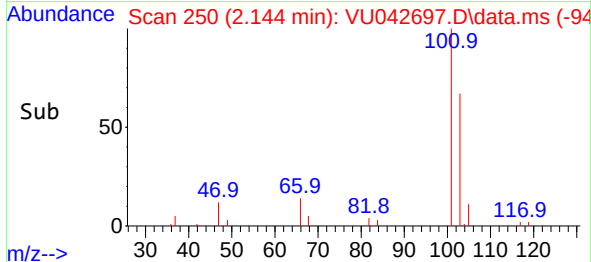
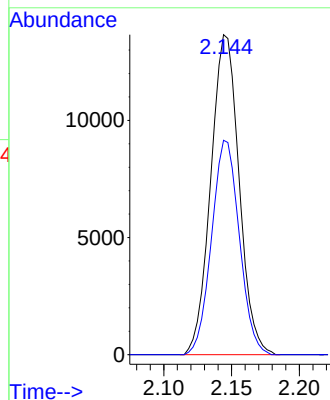
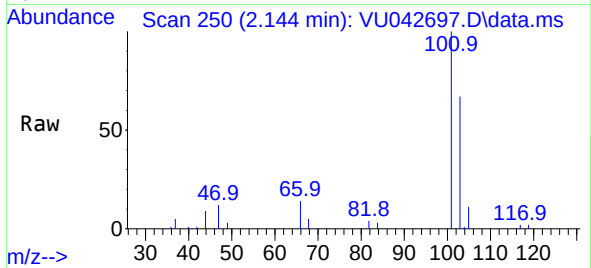
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Trichlorofluoromethane
Concen: 2.11 ug/l
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
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Tgt Ion:101 Resp: 19833
Ion Ratio Lower Upper
101 100
103 67.0 50.7 76.1

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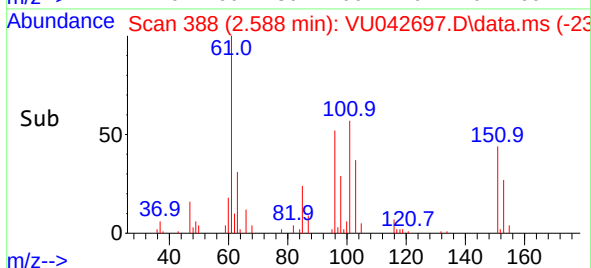
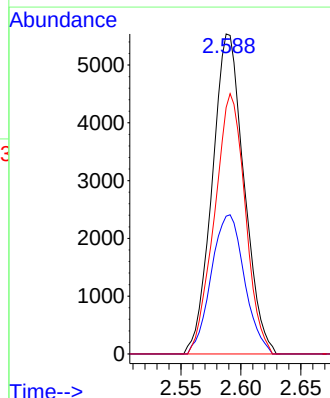
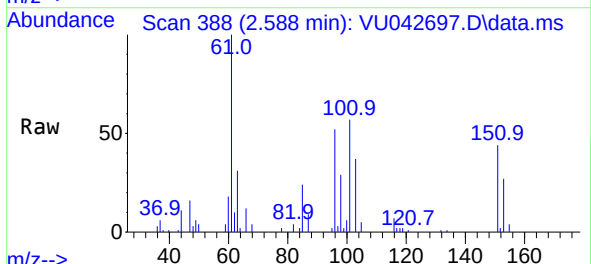
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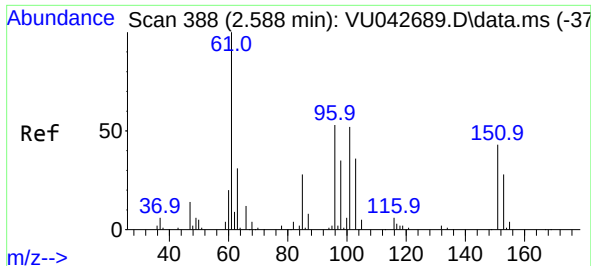
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#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.16 ug/l
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion:101 Resp: 10202
Ion Ratio Lower Upper
101 100
85 45.4 39.7 59.5
151 78.6 65.0 97.6





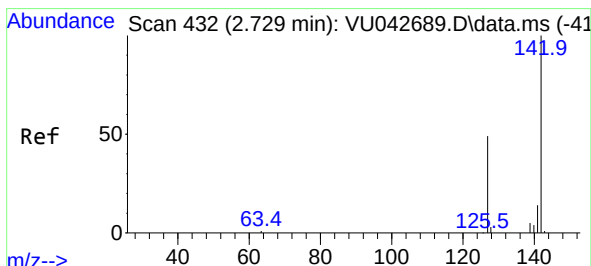
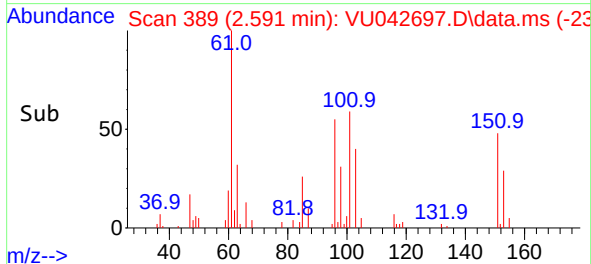
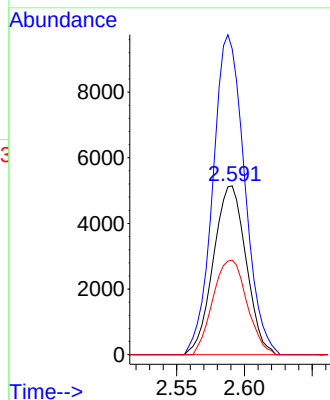
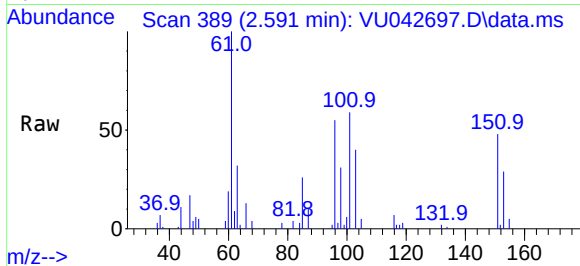
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1,1-Dichloroethene
Concen: 2.12 ug/l
RT: 2.591 min Scan# 389
Delta R.T. 0.003 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion: 96 Resp: 8637
Ion Ratio Lower Upper
96 100
61 181.1 0.0 569.1
98 56.0 0.0 133.6

Instrument :
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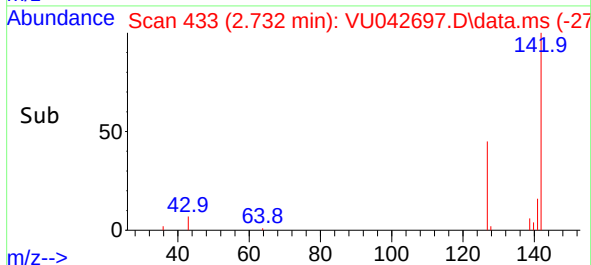
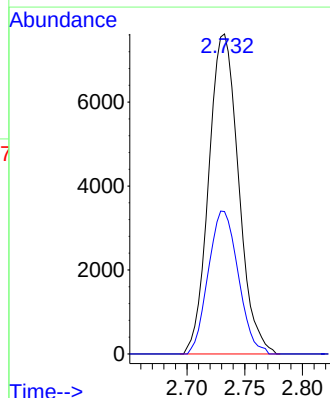
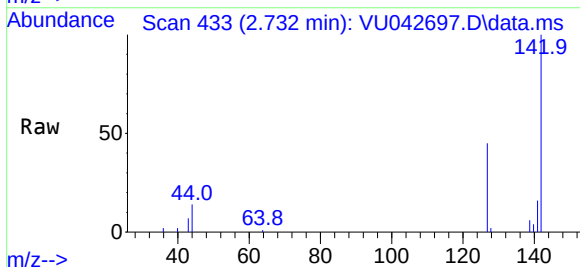
Manual Integrations
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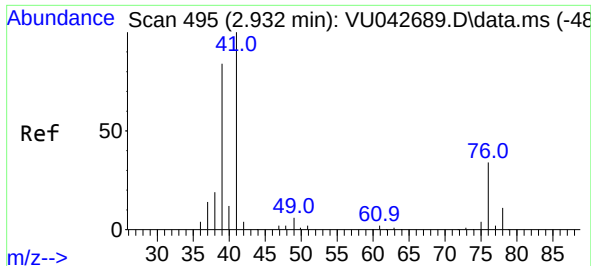
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#10
Iodomethane
Concen: 2.13 ug/l
RT: 2.732 min Scan# 433
Delta R.T. 0.003 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

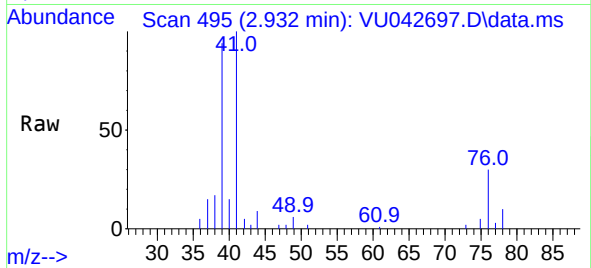
Tgt Ion: 142 Resp: 13683
Ion Ratio Lower Upper
142 100
127 44.8 39.4 59.0





#11
Allyl Chloride
Concen: 2.03 ug/l
RT: 2.932 min Scan# 495
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

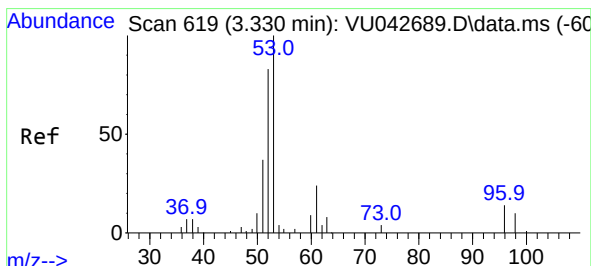
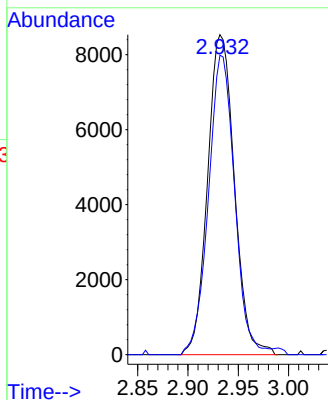
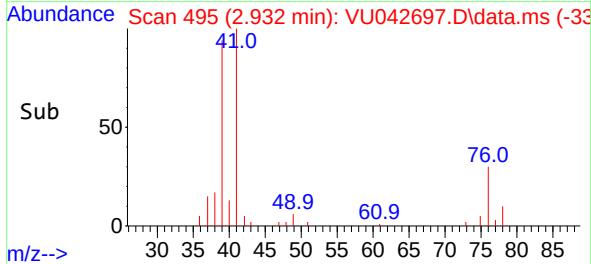
Instrument :
MSVOA_U
ClientSampleId :
VU0317WBSD01



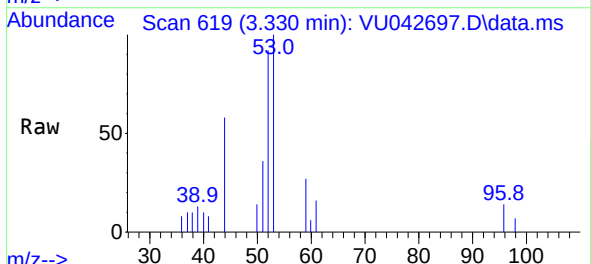
Tgt Ion: 41 Resp: 15842
Ion Ratio Lower Upper
41 100
39 91.3 67.8 101.6

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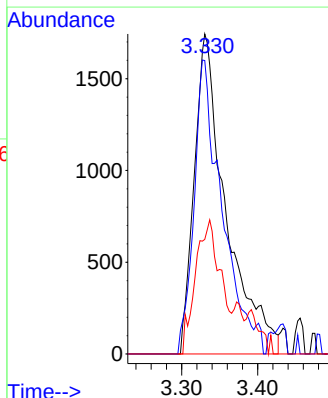
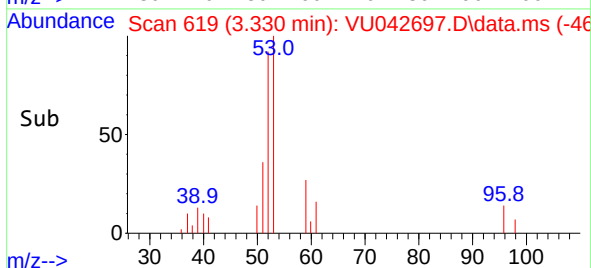
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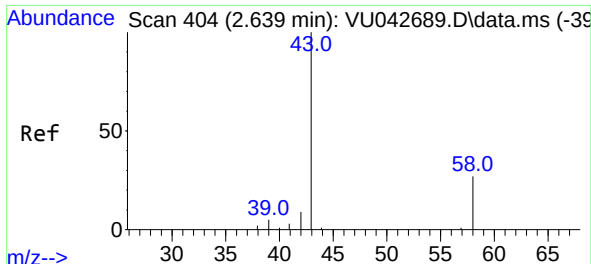


#12
Acrylonitrile
Concen: 4.29 ug/l
RT: 3.330 min Scan# 619
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07



Tgt Ion: 53 Resp: 5067
Ion Ratio Lower Upper
53 100
52 79.8 65.8 98.8
51 33.4 35.2 52.8#





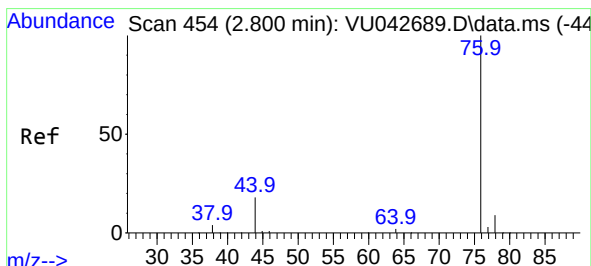
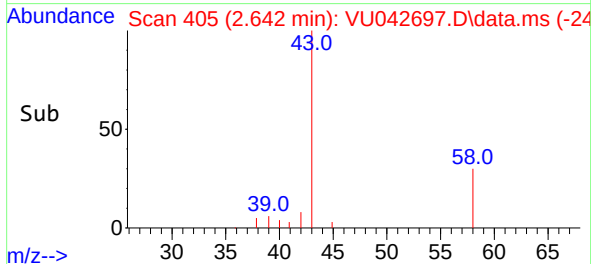
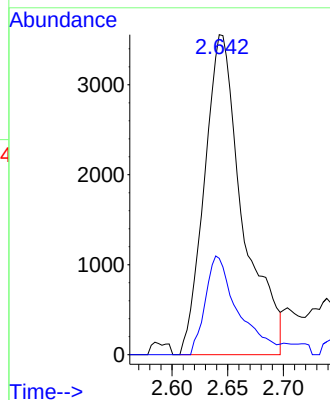
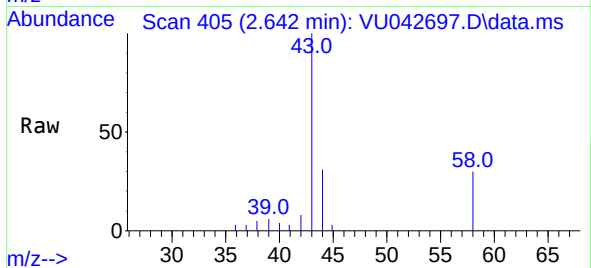
#13
Acetone
Concen: 9.22 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.003 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion: 43 Resp: 8482
Ion Ratio Lower Upper
43 100
58 30.1 21.9 32.9

Instrument :
MSVOA_U
ClientSampleId :
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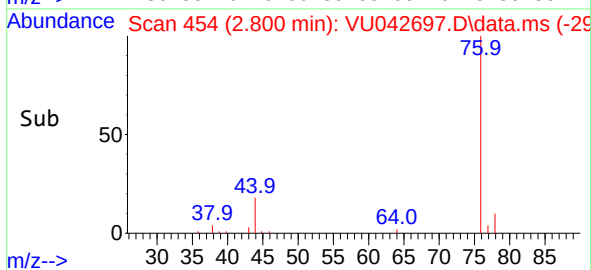
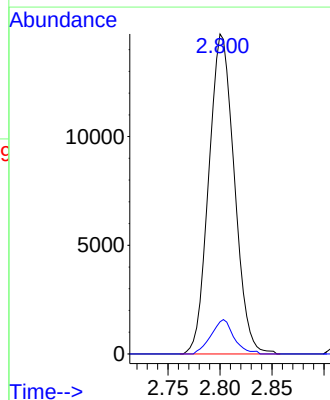
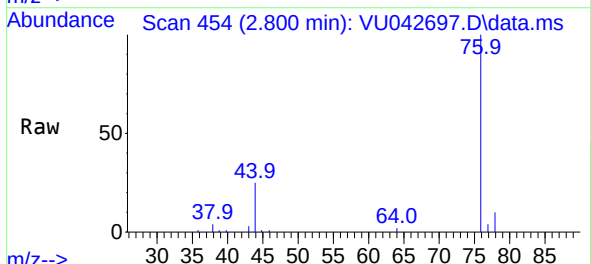
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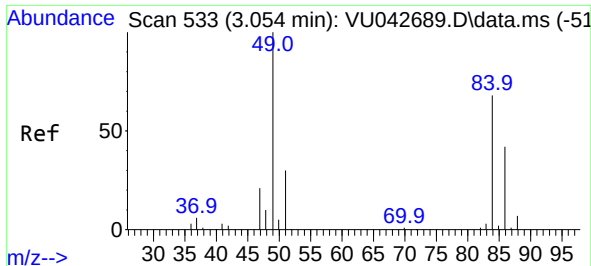
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#14
Carbon Disulfide
Concen: 1.97 ug/l
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

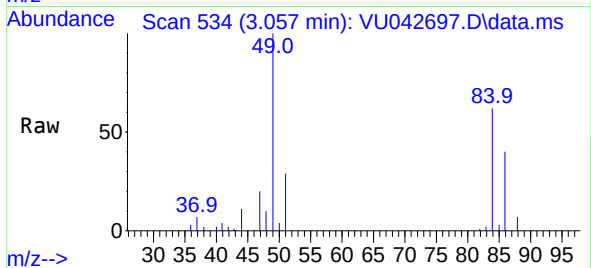
Tgt Ion: 76 Resp: 25143
Ion Ratio Lower Upper
76 100
78 10.0 7.0 10.6





#15
Methylene Chloride
Concen: 2.06 ug/l
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

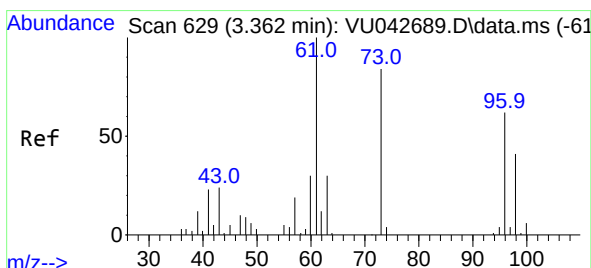
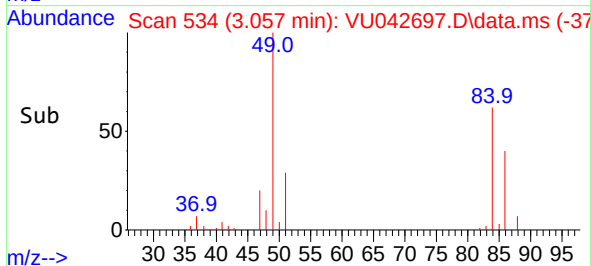
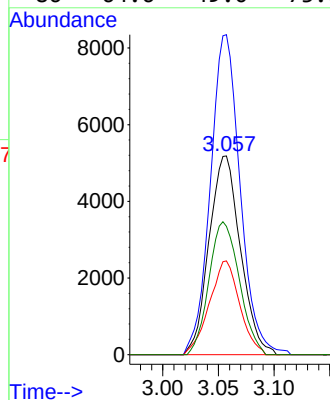
Instrument :
MSVOA_U
ClientSampleId :
VU0317WBSD01



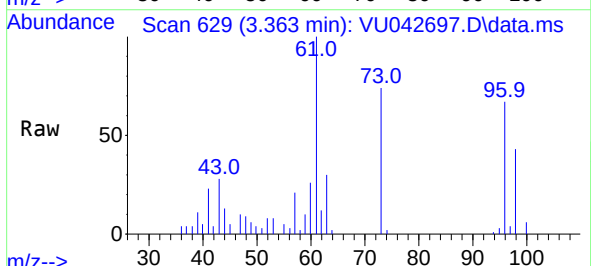
Tgt Ion: 84 Resp: 10170
Ion Ratio Lower Upper
84 100
49 161.1 117.4 176.0
51 47.2 0.0 88.6
86 64.6 49.0 73.6

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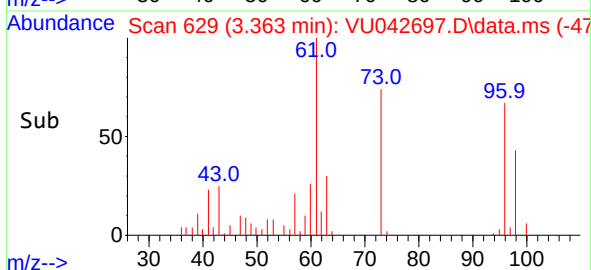
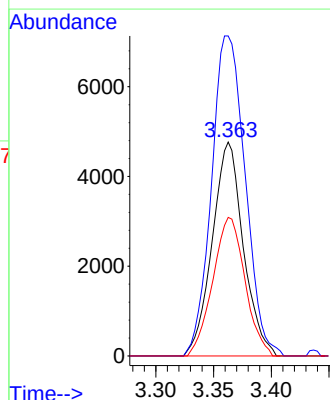
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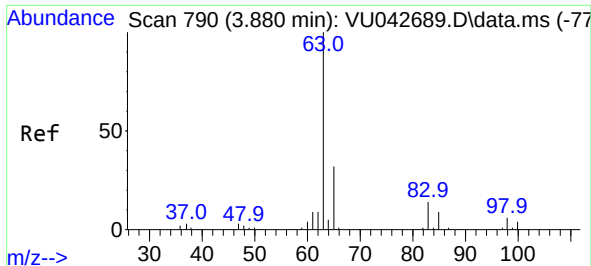


#16
trans-1,2-Dichloroethene
Concen: 2.03 ug/l
RT: 3.363 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07



Tgt Ion: 96 Resp: 8938
Ion Ratio Lower Upper
96 100
61 149.6 128.6 192.8
98 64.8 53.4 80.0





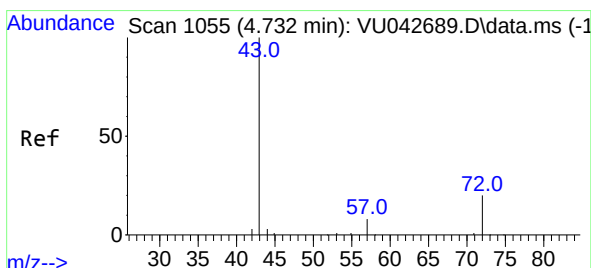
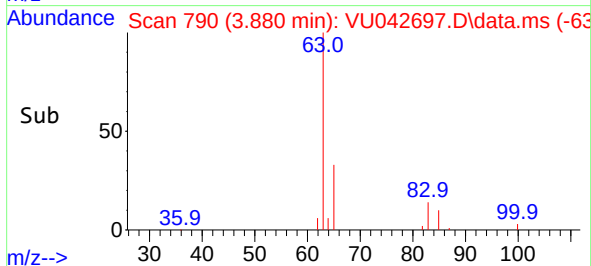
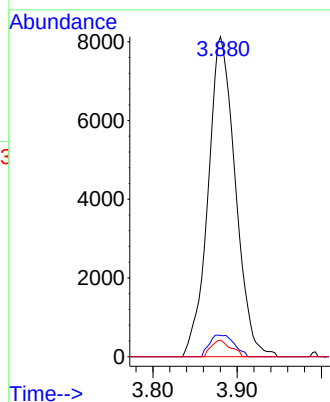
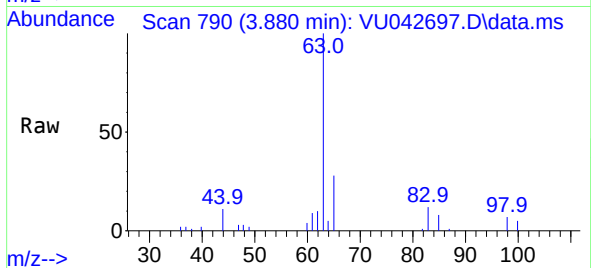
#17
1,1-Dichloroethane
Concen: 2.02 ug/l
RT: 3.880 min Scan# 790
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion:	63	Resp:	18283
Ion Ratio	Lower	Upper	
63	100		
98	6.6	2.9	8.8
100	5.1	2.1	6.2

Instrument :
MSVOA_U
ClientSampleId :
VU0317WBSD01

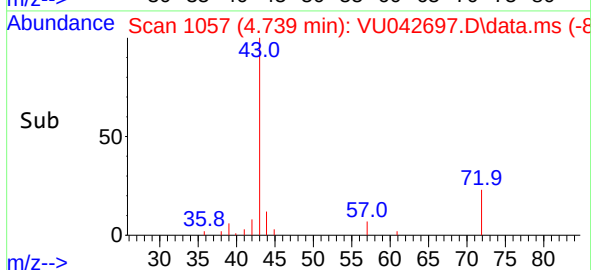
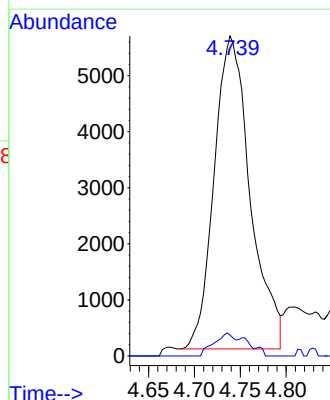
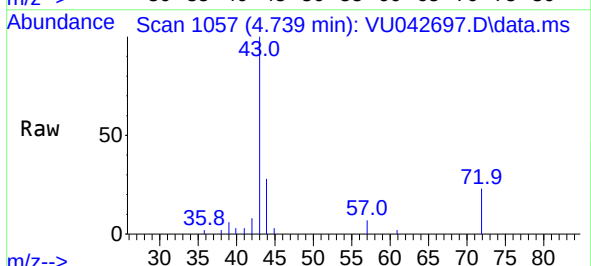
Manual Integrations
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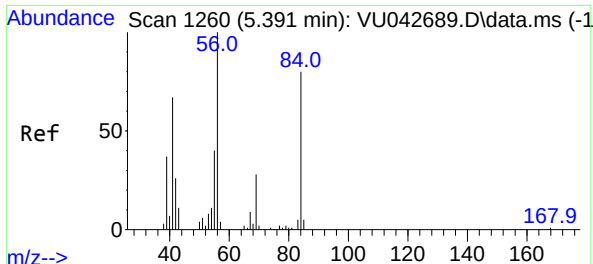
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#18
2-Butanone
Concen: 9.04 ug/l
RT: 4.739 min Scan# 1057
Delta R.T. 0.007 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion:	43	Resp:	15271
Ion Ratio	Lower	Upper	
43	100		
57	6.8	0.0	15.4





#19

Cyclohexane

Concen: 2.03 ug/l m

RT: 5.388 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU042697.D

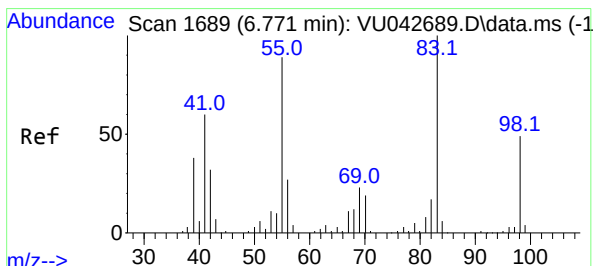
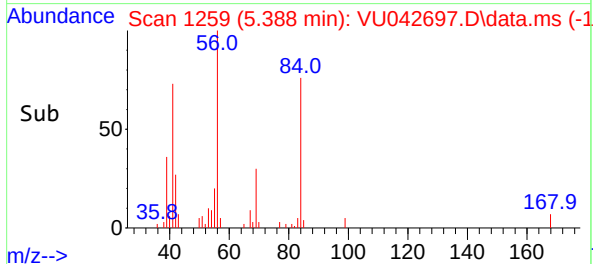
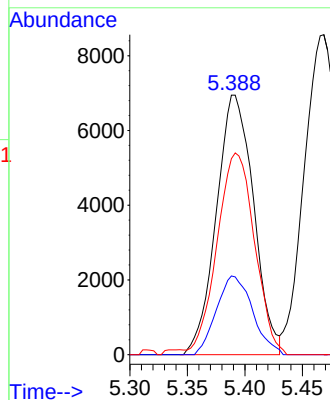
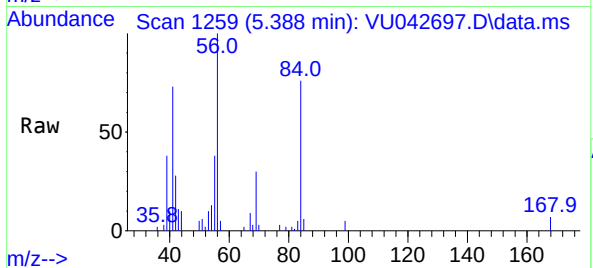
Acq: 17 Mar 2021 19:07

Tgt Ion:	56	Resp:	15674
Ion	Ratio	Lower	Upper
56	100		
69	29.3	22.9	34.3
84	76.2	63.0	94.6

Instrument :
MSVOA_U
ClientSampleId :
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#20

Methylcyclohexane

Concen: 1.87 ug/l

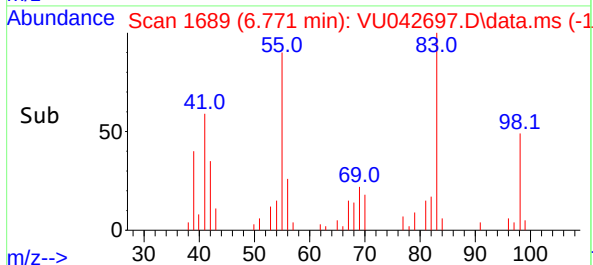
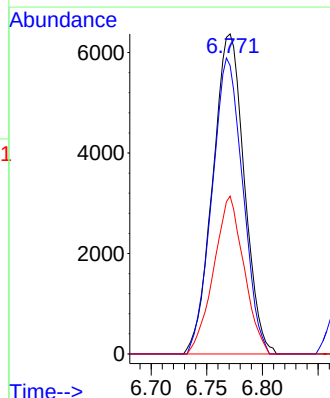
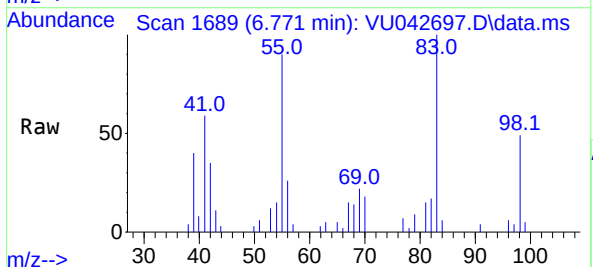
RT: 6.771 min Scan# 1689

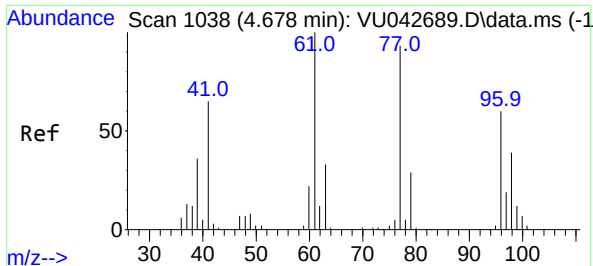
Delta R.T. 0.000 min

Lab File: VU042697.D

Acq: 17 Mar 2021 19:07

Tgt Ion:	83	Resp:	12520
Ion	Ratio	Lower	Upper
83	100		
55	90.2	71.4	107.2
98	47.4	37.3	55.9





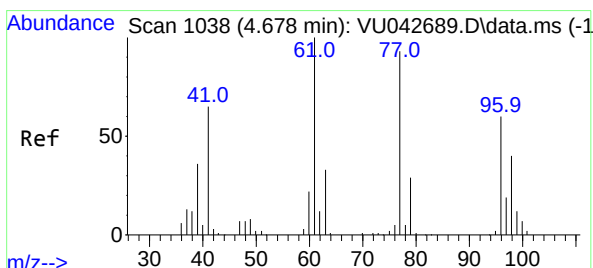
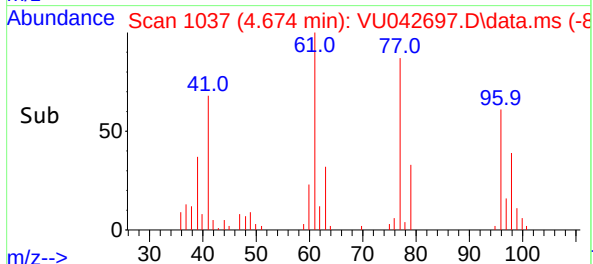
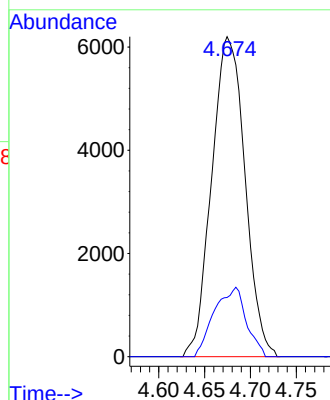
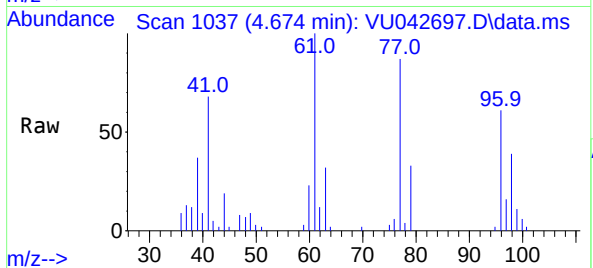
#21
2,2-Dichloropropane
Concen: 1.88 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion: 77 Resp: 15655
Ion Ratio Lower Upper
77 100
97 20.9 17.1 25.7

Instrument :
MSVOA_U
ClientSampleId :
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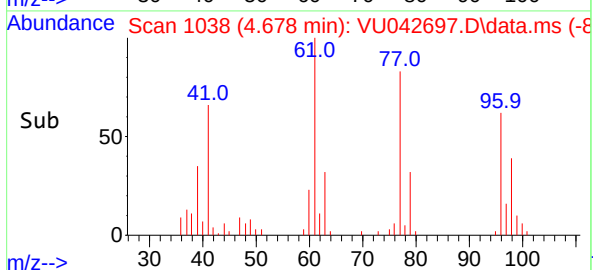
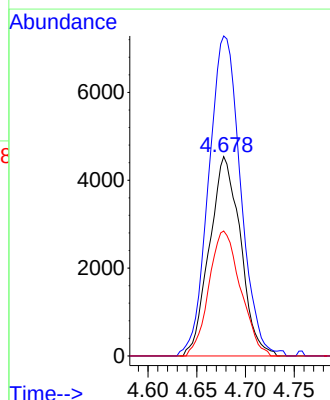
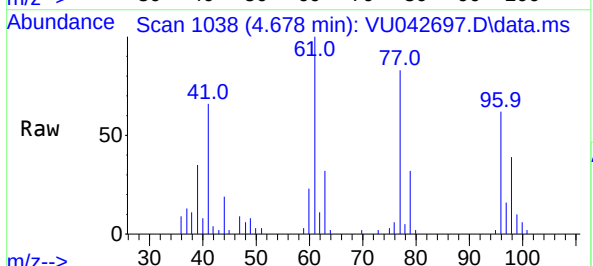
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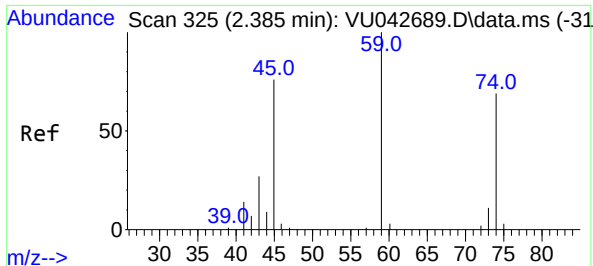
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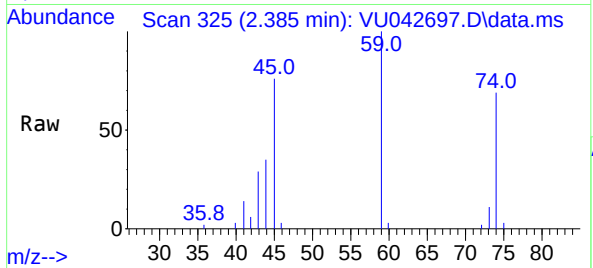
#22
cis-1,2-Dichloroethene
Concen: 2.03 ug/l
RT: 4.678 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion: 96 Resp: 10055
Ion Ratio Lower Upper
96 100
61 165.0 0.0 420.8
98 63.9 32.9 98.7



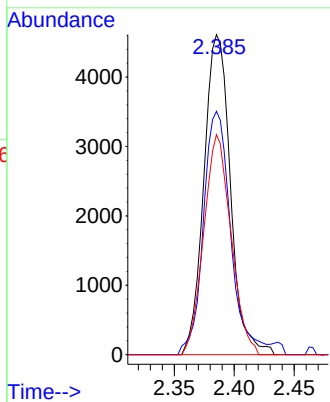
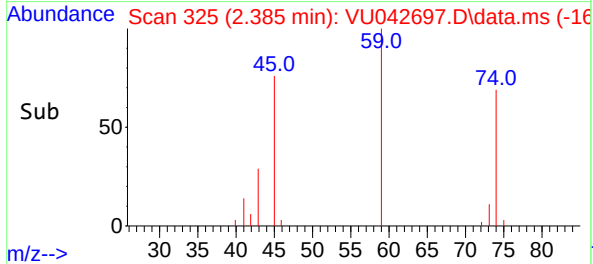


#23
Diethyl Ether
Concen: 2.05 ug/l
RT: 2.385 min Scan# 325
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07



Tgt Ion: 59 Resp: 7090

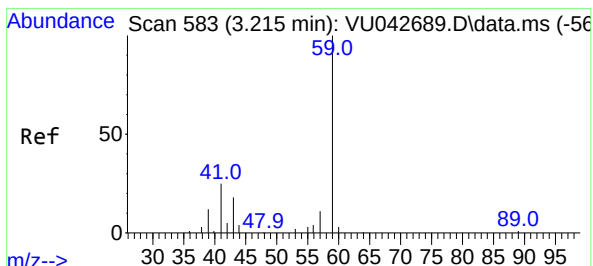
Ion	Ratio	Lower	Upper
59	100		
45	78.2	63.4	95.0
74	70.6	54.5	81.7



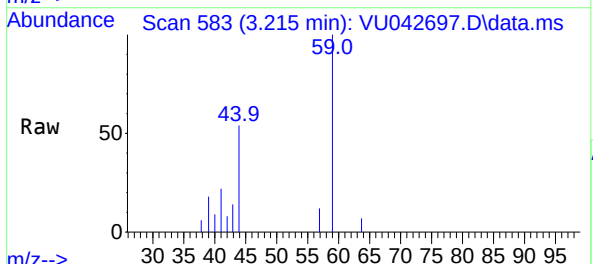
Instrument :
MSVOA_U
ClientSampleId :
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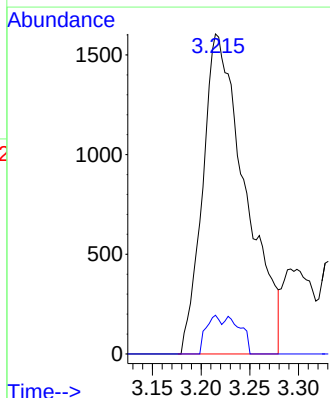
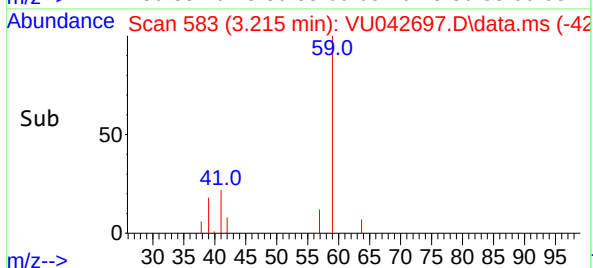


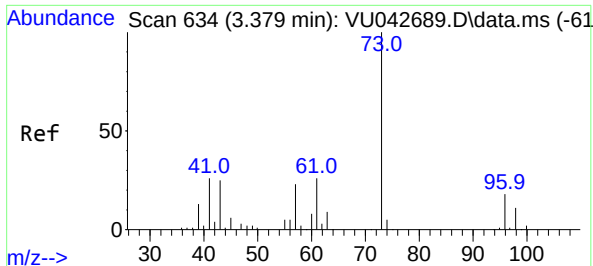
#24
tert-Butyl Alcohol
Concen: 20.00 ug/l
RT: 3.215 min Scan# 583
Delta R.T. -0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07



Tgt Ion: 59 Resp: 4896

Ion	Ratio	Lower	Upper
59	100		
57	4.3	4.6	6.8#





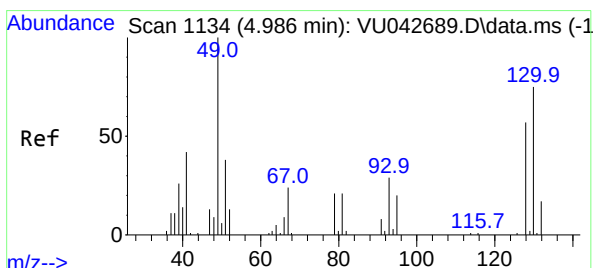
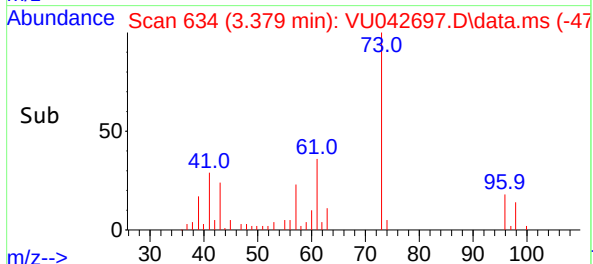
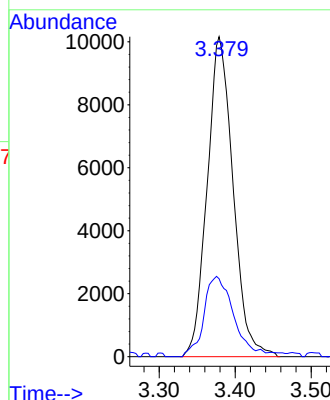
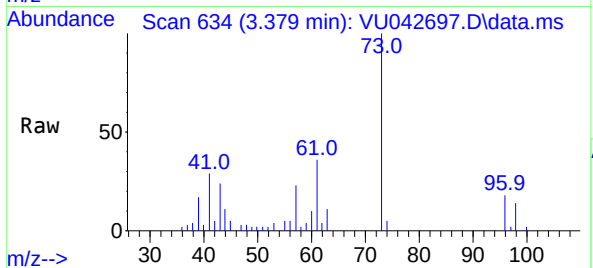
#25
Methyl tert-Butyl Ether
Concen: 1.99 ug/l
RT: 3.379 min Scan# 634
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion: 73 Resp: 24020
Ion Ratio Lower Upper
73 100
43 28.0 21.9 32.9

Instrument :
MSVOA_U
ClientSampleId :
VU0317WBSD01

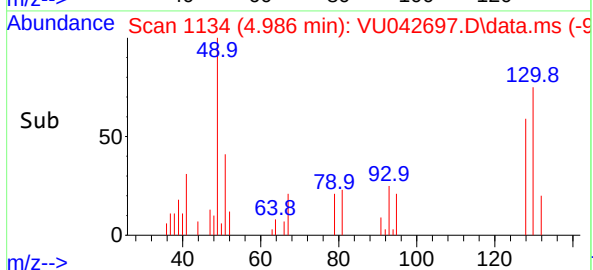
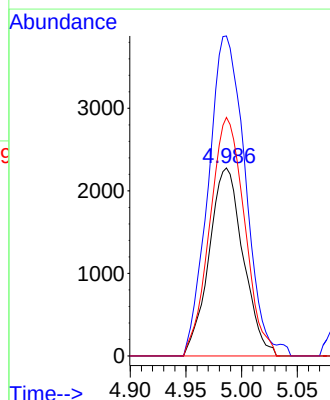
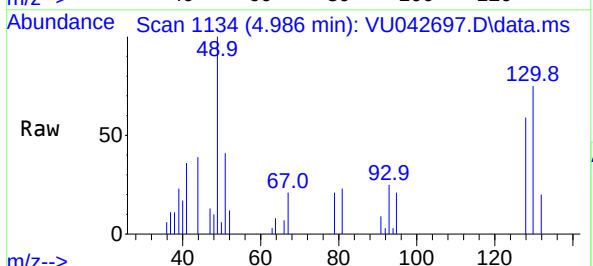
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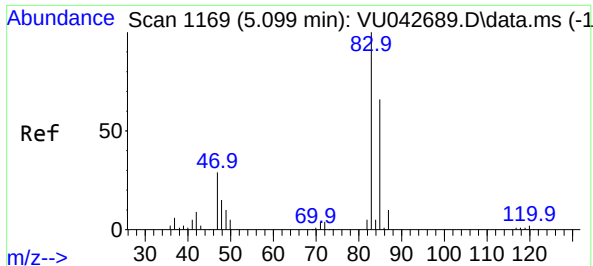
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#26
Bromochloromethane
Concen: 2.04 ug/l
RT: 4.986 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion: 128 Resp: 4859
Ion Ratio Lower Upper
128 100
49 183.9 0.0 364.0
130 129.3 103.5 155.3





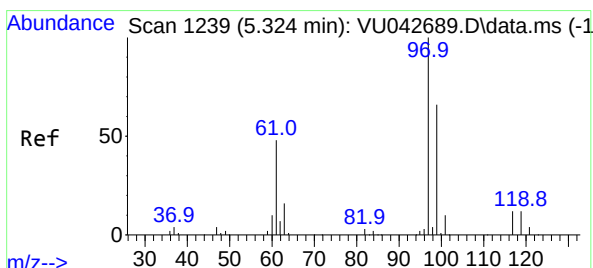
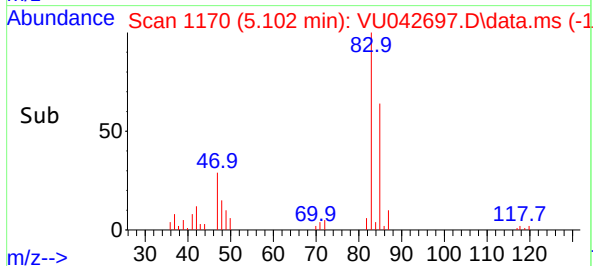
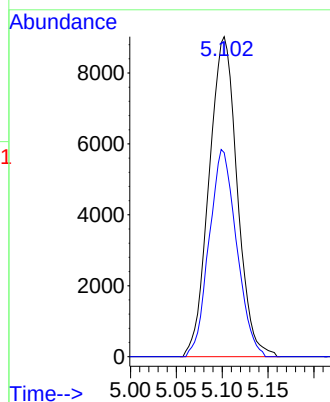
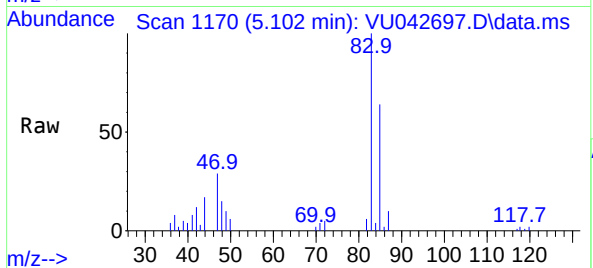
#27
Chloroform
Concen: 2.04 ug/l
RT: 5.102 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion: 83 Resp: 19273
Ion Ratio Lower Upper
83 100
85 63.7 0.0 132.2

Instrument :
MSVOA_U
ClientSampleId :
VU0317WBSD01

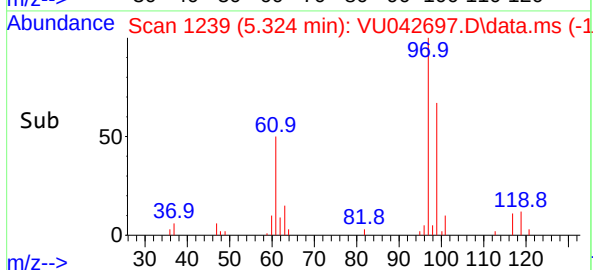
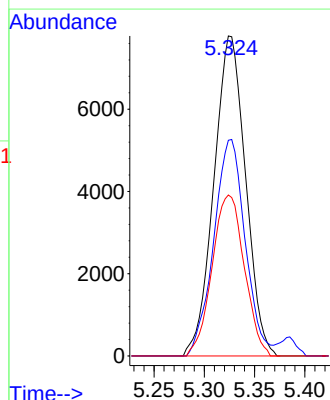
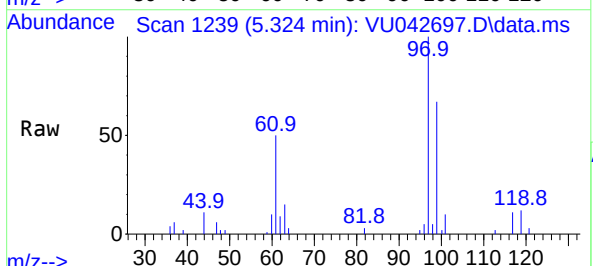
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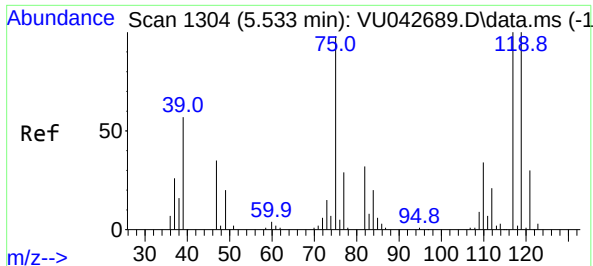
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#28
1,1,1-Trichloroethane
Concen: 1.99 ug/l
RT: 5.324 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion: 97 Resp: 17068
Ion Ratio Lower Upper
97 100
99 67.2 32.8 98.3
61 51.1 24.1 72.4





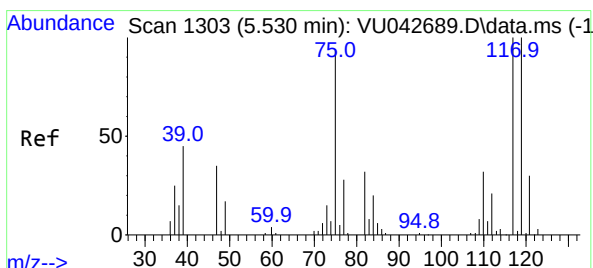
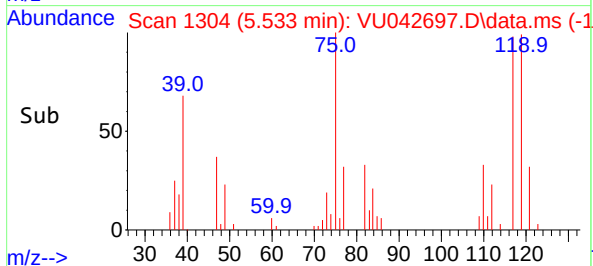
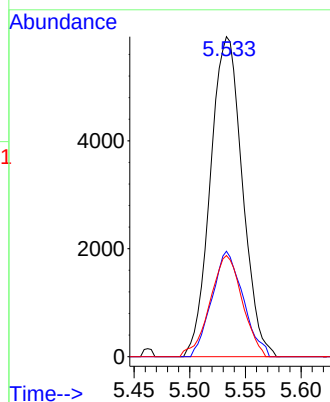
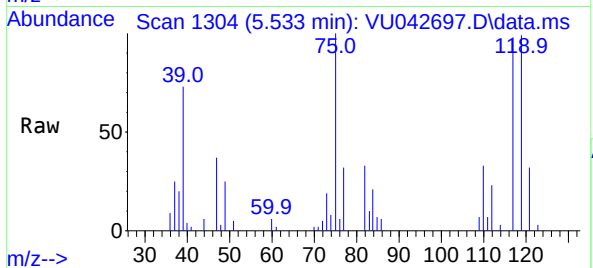
#29
1,1-Dichloropropene
Concen: 1.97 ug/l
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion:	75	Resp:	11813
Ion	Ratio	Lower	Upper
75	100		
110	32.3	17.4	52.2
77	31.9	24.1	36.1

Instrument :
MSVOA_U
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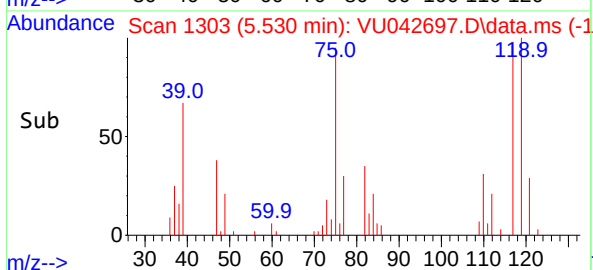
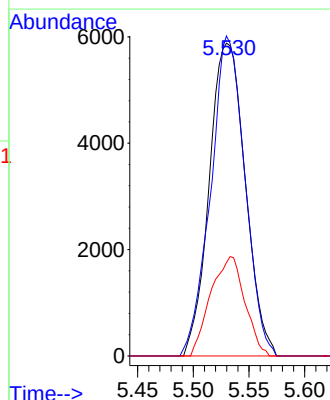
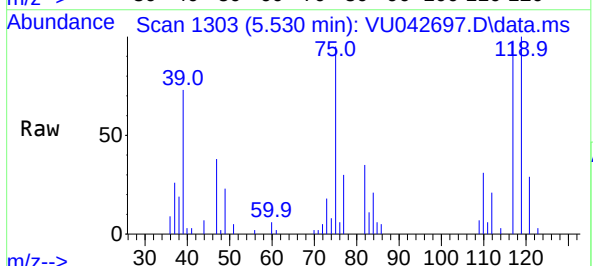
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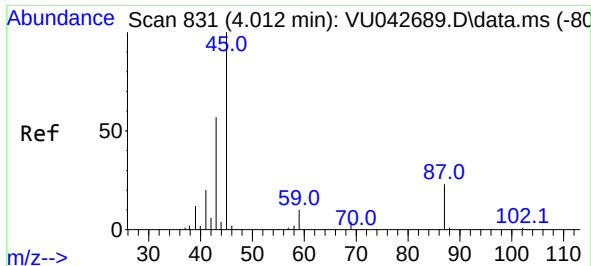
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#30
Carbon Tetrachloride
Concen: 1.99 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion:	117	Resp:	13210
Ion	Ratio	Lower	Upper
117	100		
119	102.3	79.8	119.8
121	29.8	24.1	36.1





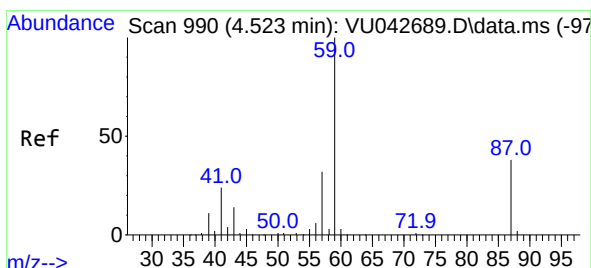
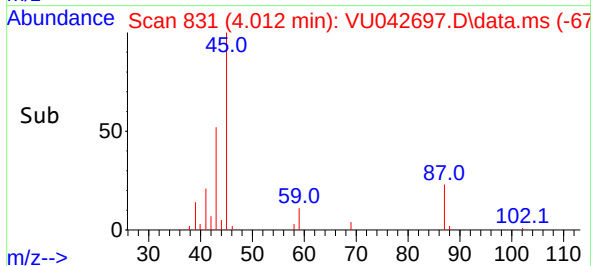
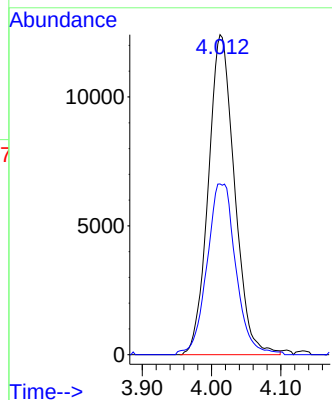
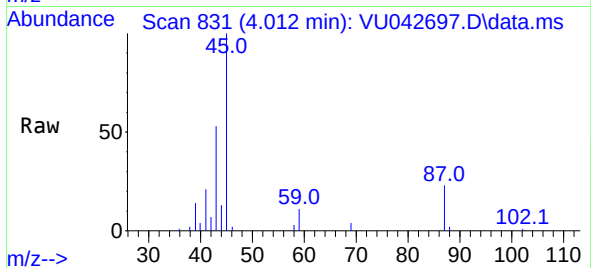
#31
Isopropyl Ether
Concen: 2.02 ug/l
RT: 4.012 min Scan# 831
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion: 45 Resp: 32689
Ion Ratio Lower Upper
45 100
43 58.6 27.8 83.3

Instrument :
MSVOA_U
ClientSampleId :
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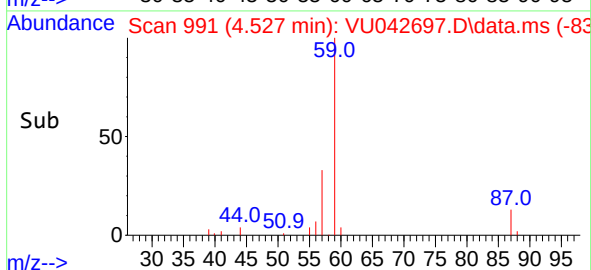
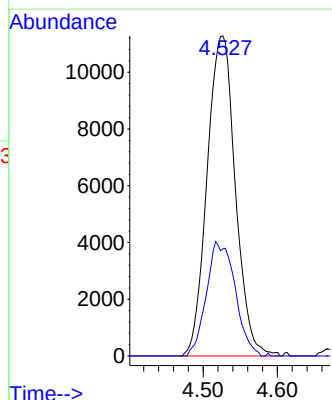
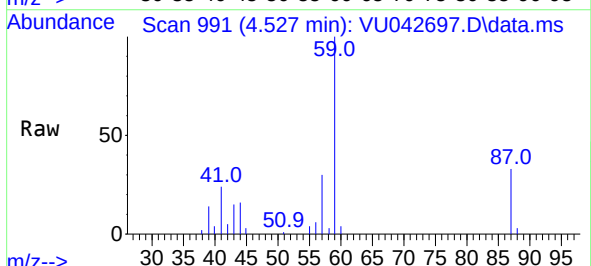
Manual Integrations
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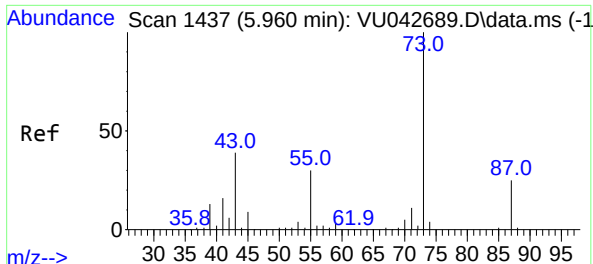
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#32
Ethyl-t-butyl ether
Concen: 2.08 ug/l
RT: 4.527 min Scan# 991
Delta R.T. 0.003 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion: 59 Resp: 29882
Ion Ratio Lower Upper
59 100
87 36.2 31.1 46.7





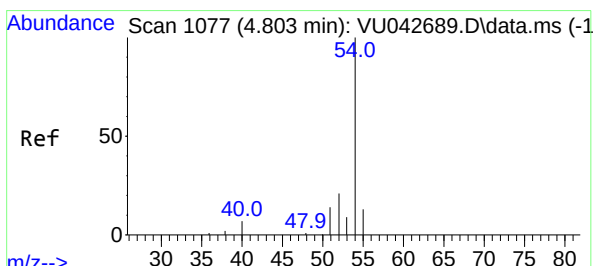
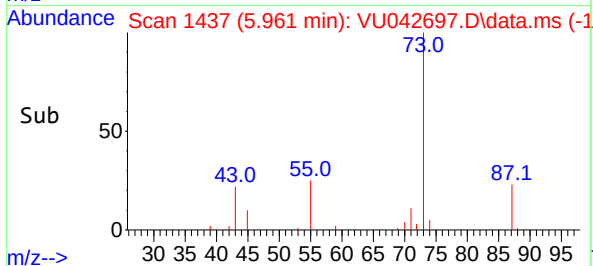
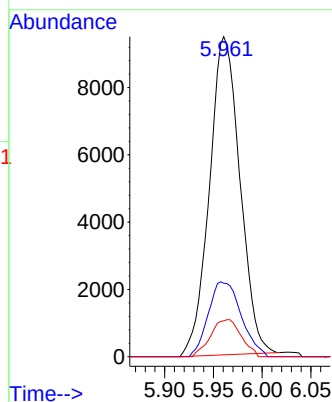
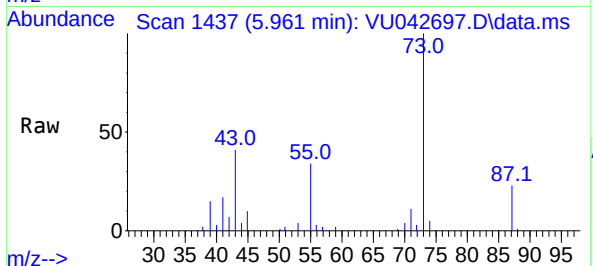
#33
Tert-Amyl methyl ether
Concen: 1.97 ug/l
RT: 5.961 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion: 73	Resp: 20600
Ion Ratio	Lower Upper
73 100	
87 25.4	19.5 29.3
71 11.7	9.0 13.6

Instrument :
MSVOA_U
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VU0317WBSD01

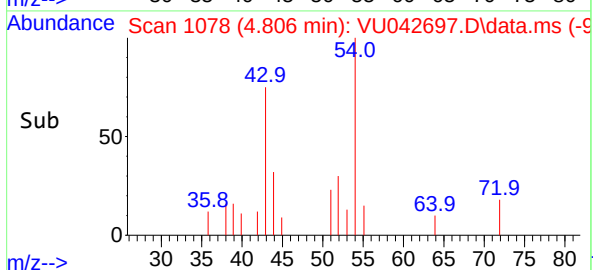
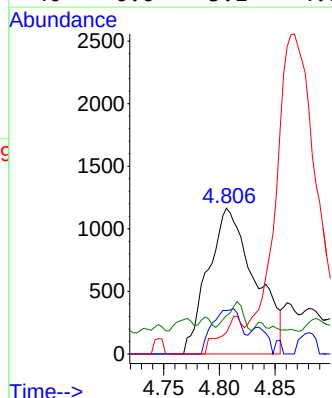
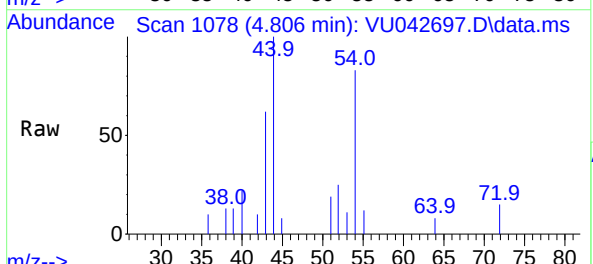
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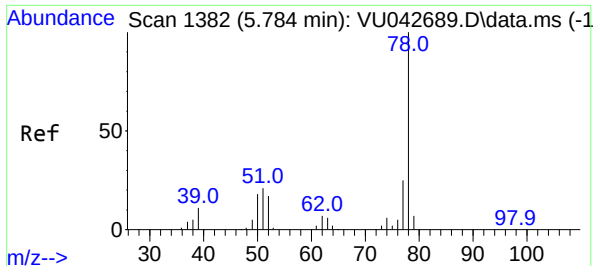
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#34
Propionitrile
Concen: 9.16 ug/l
RT: 4.806 min Scan# 1078
Delta R.T. 0.003 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion: 54	Resp: 3400
Ion Ratio	Lower Upper
54 100	
52 19.4	17.2 25.8
55 11.9	9.1 13.7
40 6.6	3.1 4.7#





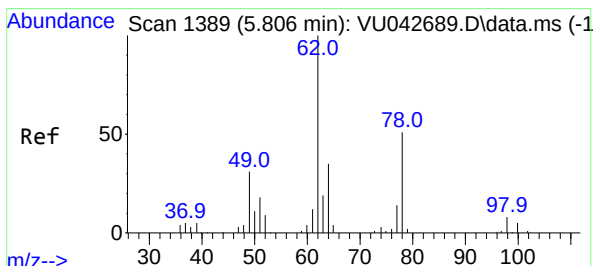
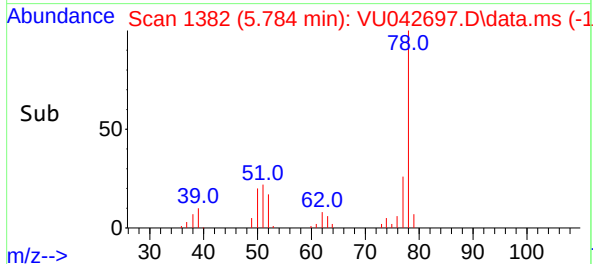
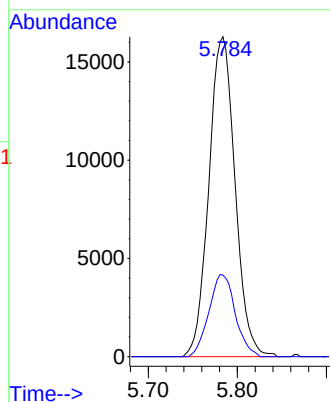
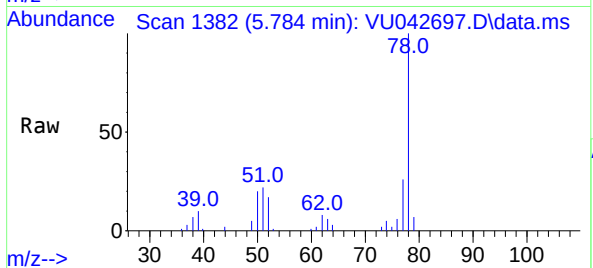
#35
Benzene
Concen: 1.97 ug/l
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion: 78 Resp: 33249
Ion Ratio Lower Upper
78 100
77 25.5 20.2 30.2

Instrument :
MSVOA_U
ClientSampleId :
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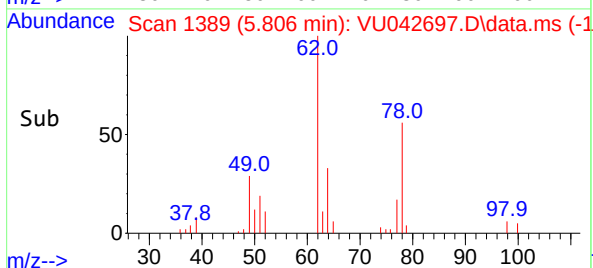
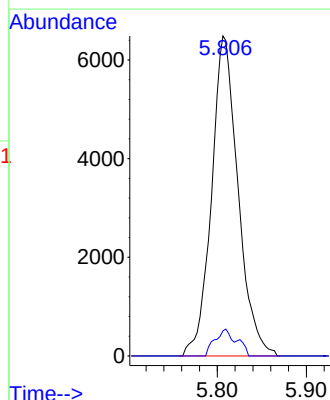
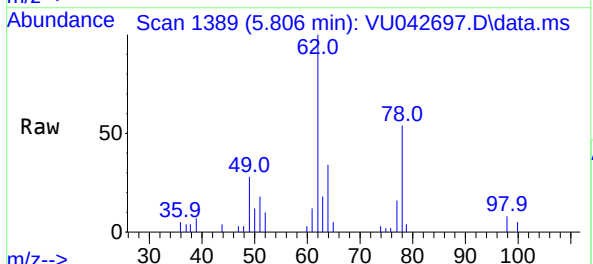
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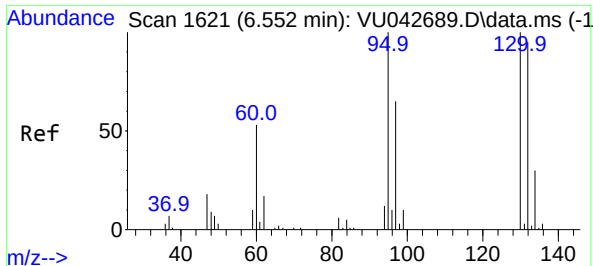
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#36
1,2-Dichloroethane
Concen: 2.05 ug/l
RT: 5.806 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion: 62 Resp: 13415
Ion Ratio Lower Upper
62 100
98 5.3 6.1 9.1#





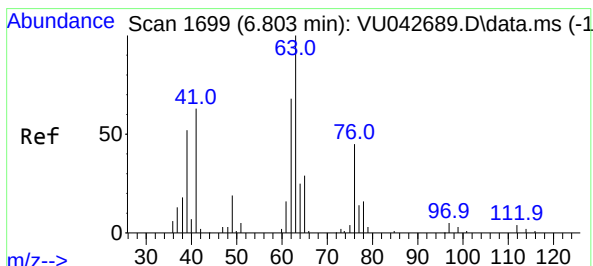
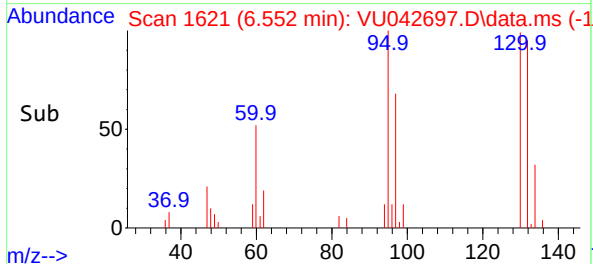
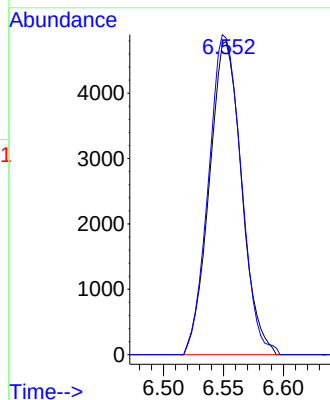
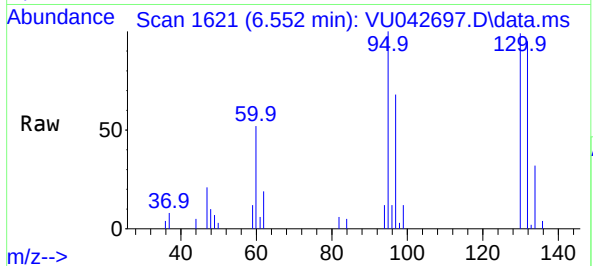
#37
Trichloroethene
Concen: 1.98 ug/l
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion:130 Resp: 8957
Ion Ratio Lower Upper
130 100
95 101.1 80.3 120.5

Instrument :
MSVOA_U
ClientSampleId :
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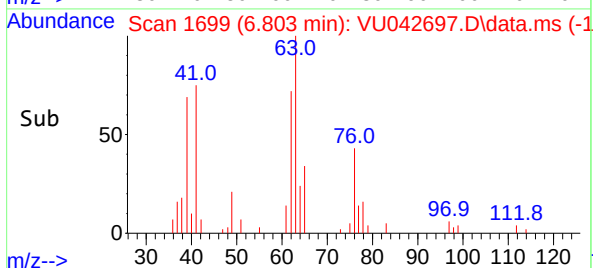
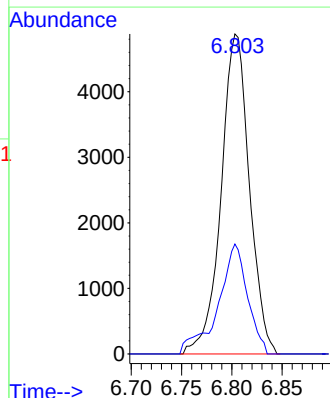
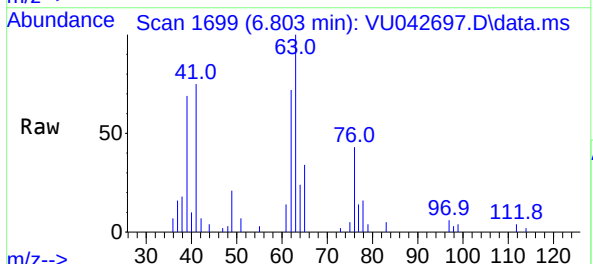
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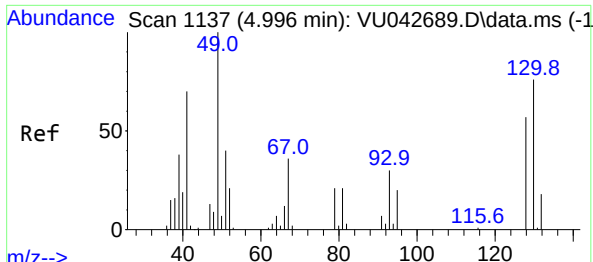
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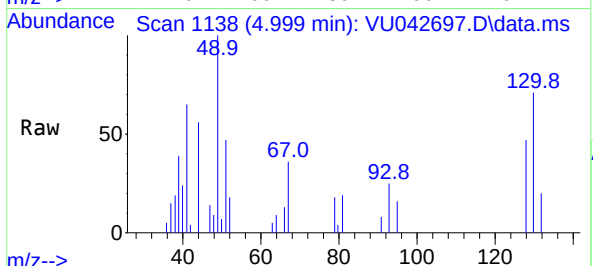
#38
1,2-Dichloropropane
Concen: 1.97 ug/l
RT: 6.803 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion: 63 Resp: 9556
Ion Ratio Lower Upper
63 100
65 34.3 23.8 35.6



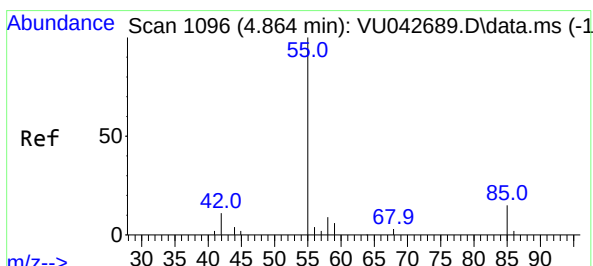
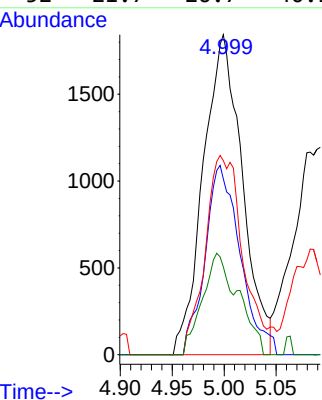
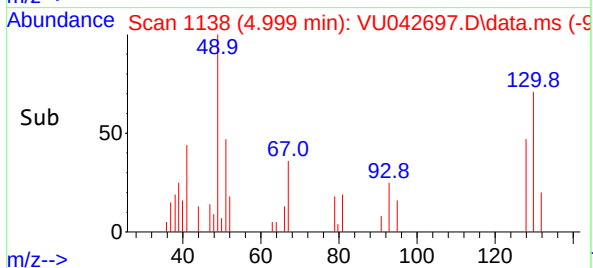


#39
Methacrylonitrile
Concen: 2.05 ug/l
RT: 4.999 min Scan# 1138
Delta R.T. 0.003 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

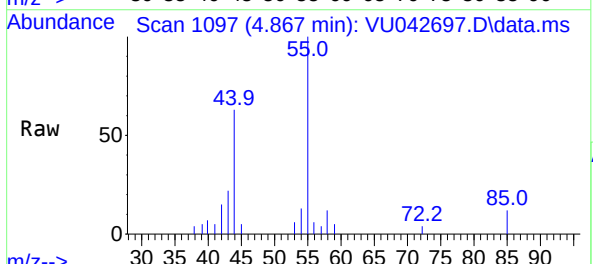


Tgt Ion: 41 Resp: 4817

Ion	Ratio	Lower	Upper
41	100		
67	53.4	46.0	69.0
39	61.3	47.6	71.4
52	21.7	26.7	40.1#

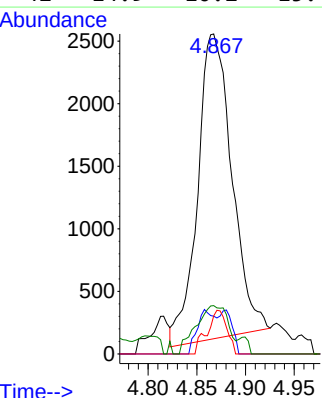
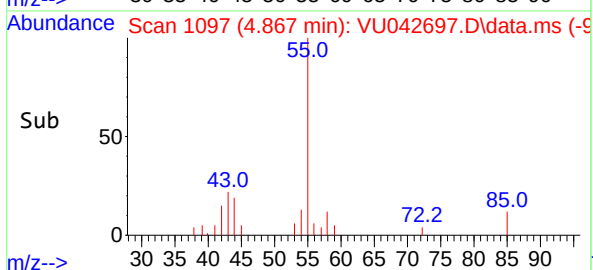


#40
Methyl acrylate
Concen: 1.95 ug/l
RT: 4.867 min Scan# 1097
Delta R.T. 0.003 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07



Tgt Ion: 55 Resp: 5964

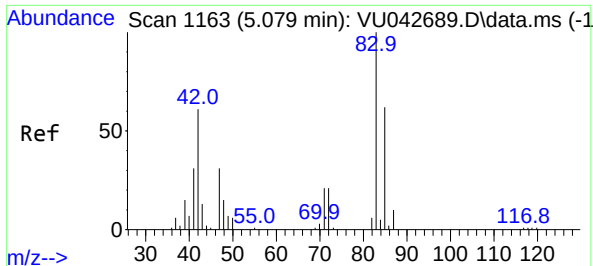
Ion	Ratio	Lower	Upper
55	100		
85	7.7	11.5	17.3#
58	8.2	6.1	9.1
42	14.9	10.2	15.4



Instrument :
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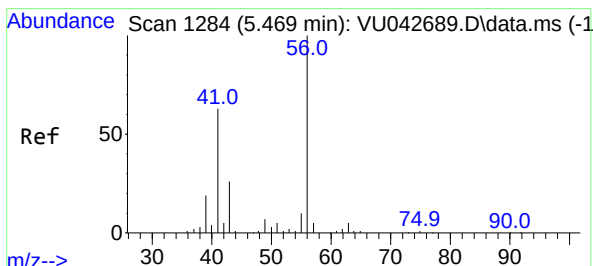
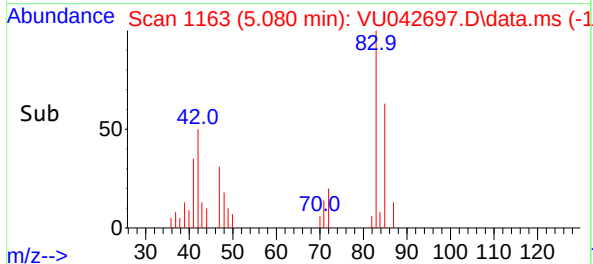
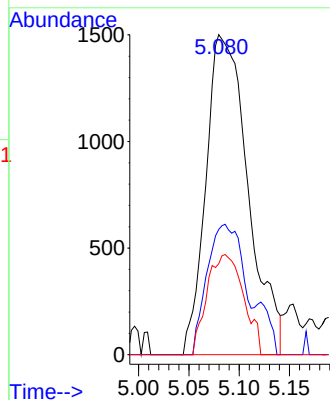
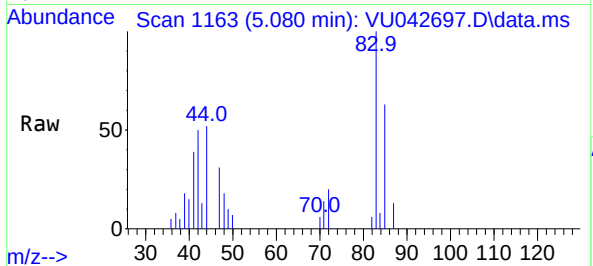
#41
Tetrahydrofuran
Concen: 3.76 ug/l
RT: 5.080 min Scan# 1163
Delta R.T. 0.001 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion:	42	Resp:	4368
Ion Ratio	Lower	Upper	
42	100		
72	35.3	31.7	47.5
71	27.1	29.0	43.4#

Instrument :
MSVOA_U
ClientSampleId :
VU0317WBSD01

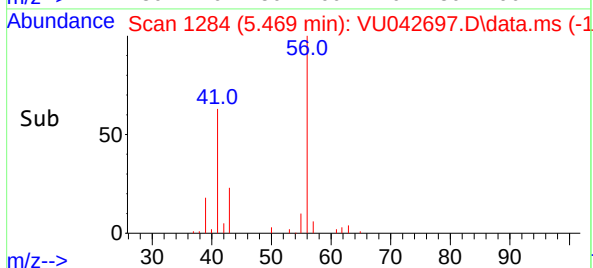
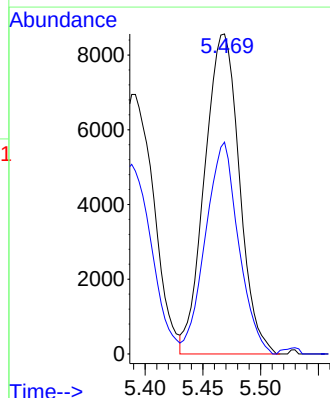
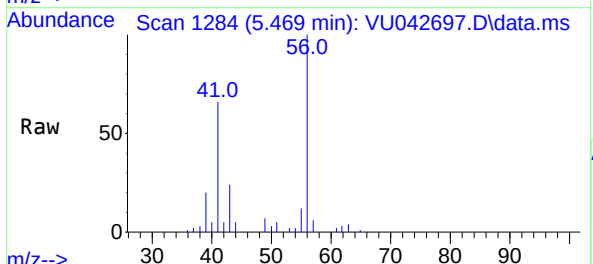
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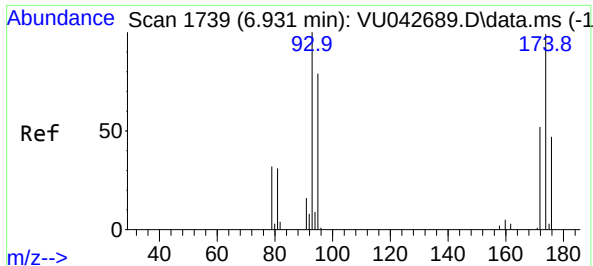
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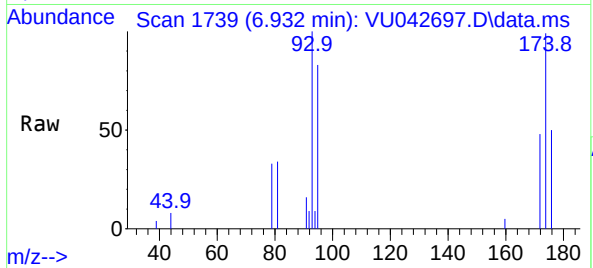
#42
1-Chlorobutane
Concen: 2.02 ug/l
RT: 5.469 min Scan# 1284
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion:	56	Resp:	17925
Ion Ratio	Lower	Upper	
56	100		
41	63.1	32.9	98.7



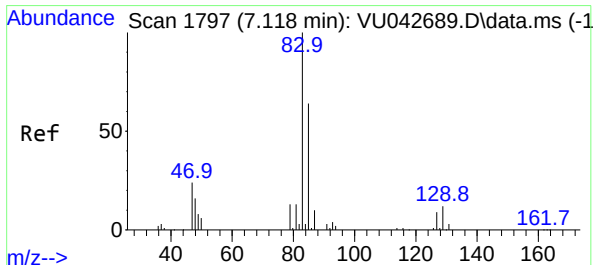
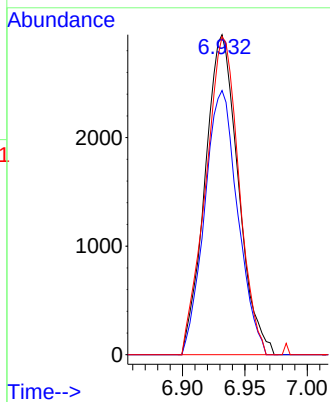
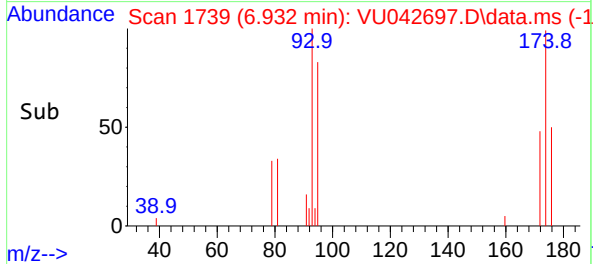


#43
Dibromomethane
Concen: 2.06 ug/l
RT: 6.932 min Scan# 1739
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

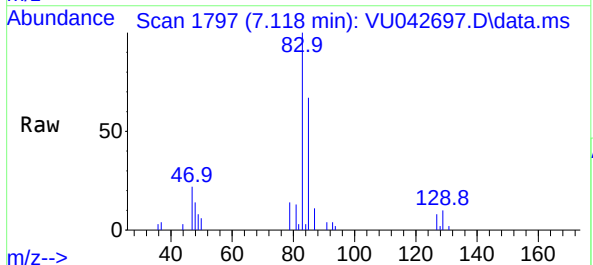


Tgt Ion: 93 Resp: 5463

Ion	Ratio	Lower	Upper
93	100		
95	82.3	63.3	94.9
174	99.1	82.0	123.0

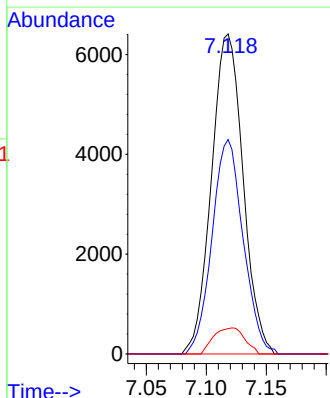
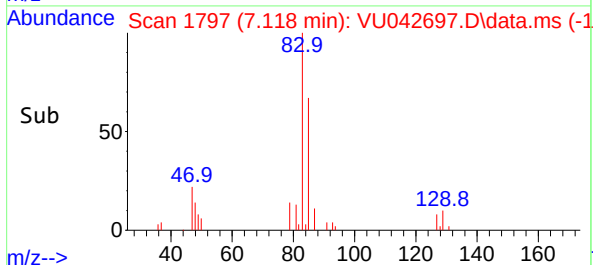


#44
Bromodichloromethane
Concen: 1.89 ug/l
RT: 7.118 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07



Tgt Ion: 83 Resp: 11766

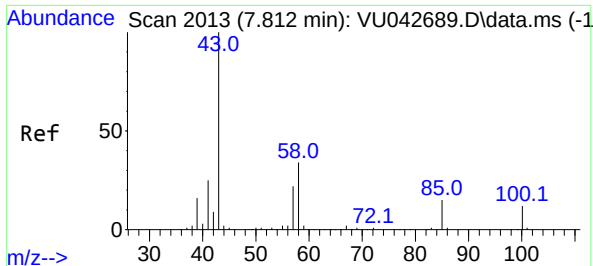
Ion	Ratio	Lower	Upper
83	100		
85	67.0	51.1	76.7
127	7.9	7.1	10.7



Instrument :
MSVOA_U
ClientSampleId :
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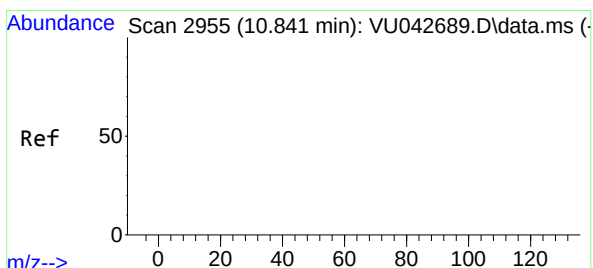
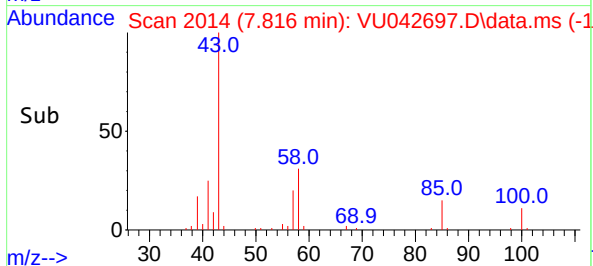
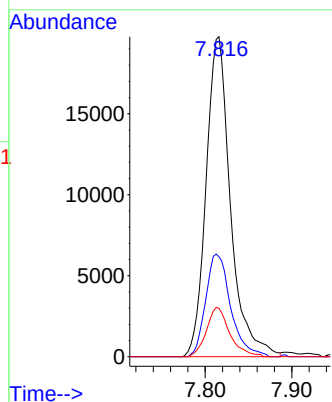
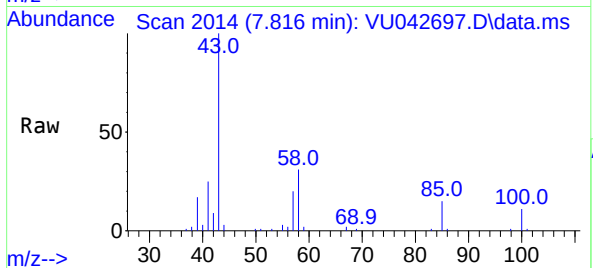
#45
4-Methyl-2-Pentanone
Concen: 9.69 ug/l
RT: 7.816 min Scan# 2014
Delta R.T. 0.003 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion:	43	Resp:	38618
Ion	Ratio	Lower	Upper
43	100		
58	32.8	16.8	50.3
85	14.7	11.4	17.2

Instrument :
MSVOA_U
ClientSampleId :
VU0317WBSD01

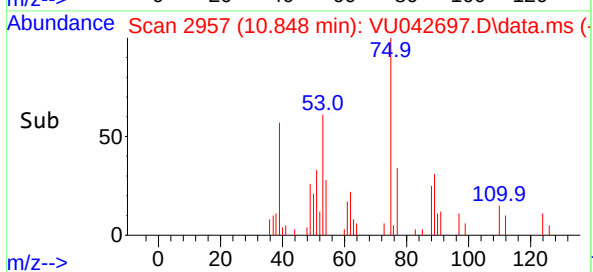
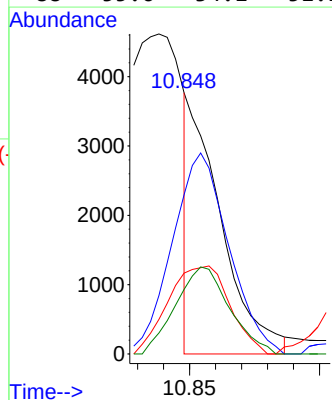
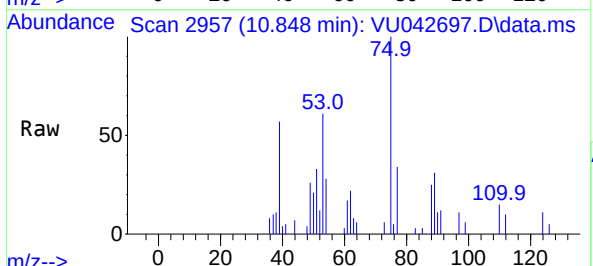
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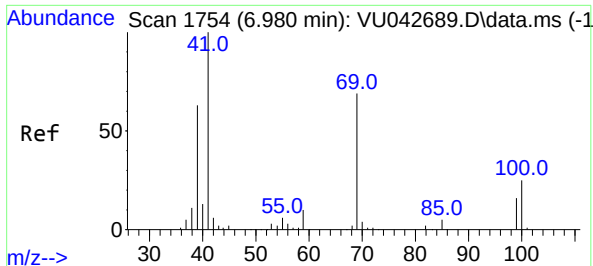
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#46
t-1,4-Dichloro-2-butene
Concen: 3.09 ug/l m
RT: 10.848 min Scan# 2957
Delta R.T. 0.007 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion:	75	Resp:	3260
Ion	Ratio	Lower	Upper
75	100		
53	134.4	72.9	109.3#
89	64.0	39.5	59.3#
88	55.6	34.1	51.1#





#47

Methyl methacrylate

Concen: 3.94 ug/l

RT: 6.980 min Scan# 1754

Delta R.T. 0.000 min

Lab File: VU042697.D

Acq: 17 Mar 2021 19:07

Tgt Ion: 69 Resp: 9163

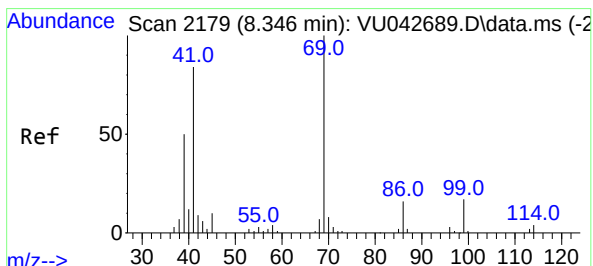
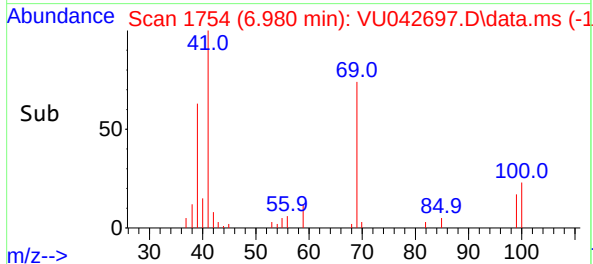
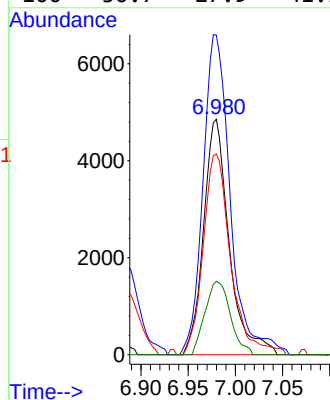
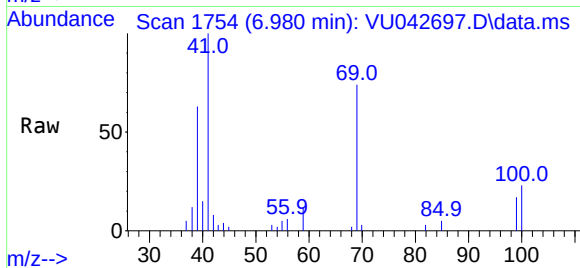
Ion Ratio Lower Upper

69 100

41 144.6 0.0 283.4

39 91.2 72.5 108.7

100 30.7 27.9 41.9



#48

Ethyl methacrylate

Concen: 1.91 ug/l

RT: 8.350 min Scan# 2180

Delta R.T. 0.004 min

Lab File: VU042697.D

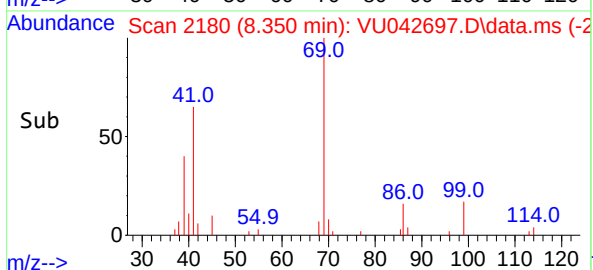
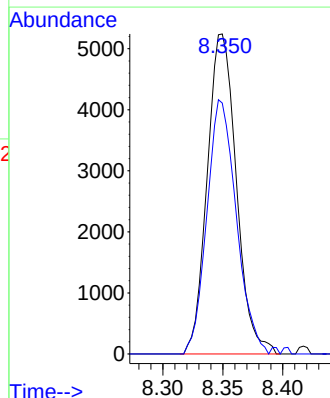
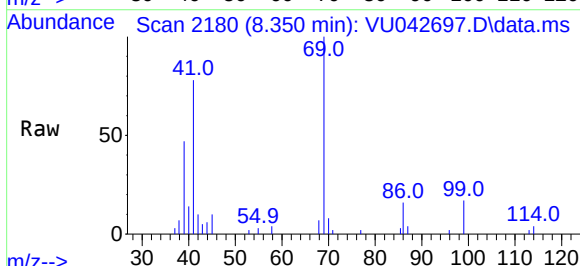
Acq: 17 Mar 2021 19:07

Tgt Ion: 69 Resp: 8850

Ion Ratio Lower Upper

69 100

41 80.3 41.3 123.9



Instrument :

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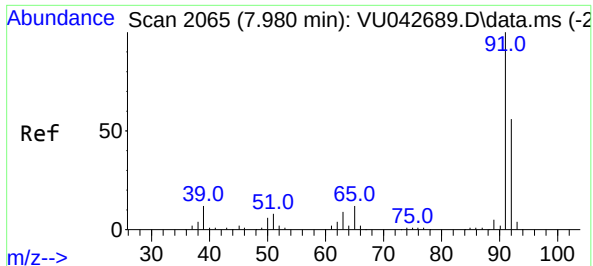
ClientSampleId :

VU0317WBSD01

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#49

Toluene

Concen: 1.93 ug/l

RT: 7.977 min Scan# 2064

Delta R.T. -0.003 min

Lab File: VU042697.D

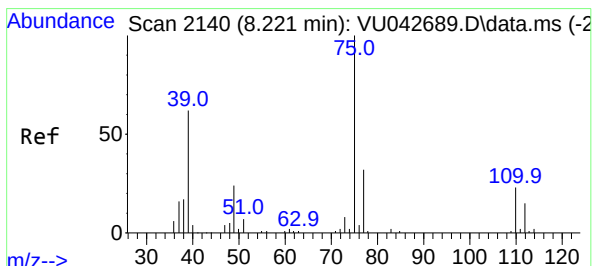
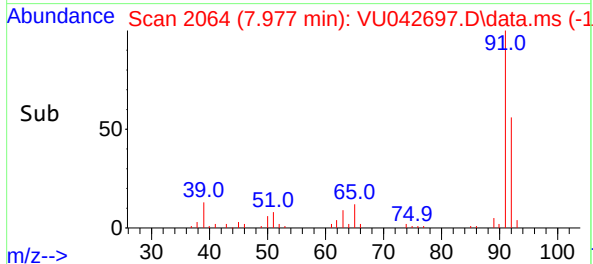
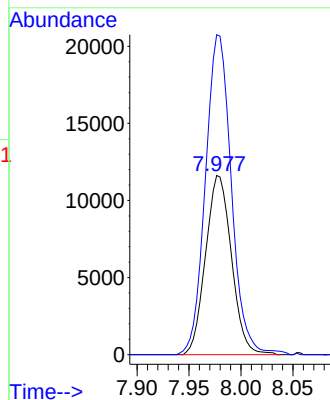
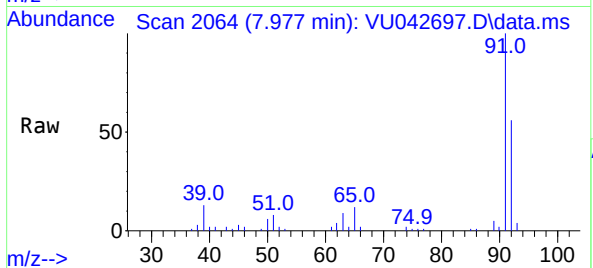
Acq: 17 Mar 2021 19:07

Tgt Ion: 92 Resp: 20147

Ion Ratio Lower Upper

92 100

91 179.1 141.5 212.3



#50

t-1,3-Dichloropropene

Concen: 1.88 ug/l

RT: 8.221 min Scan# 2140

Delta R.T. 0.000 min

Lab File: VU042697.D

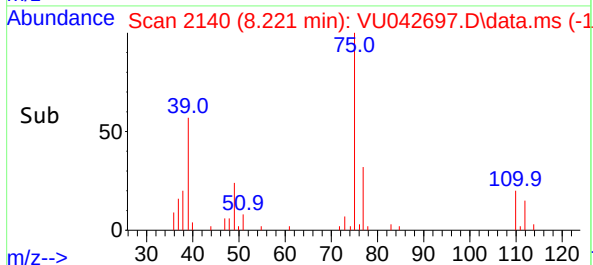
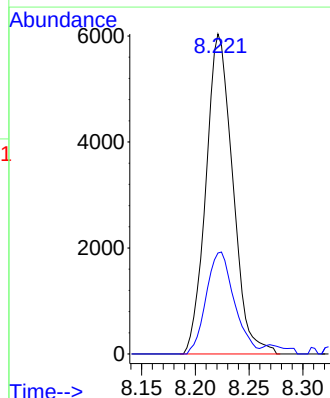
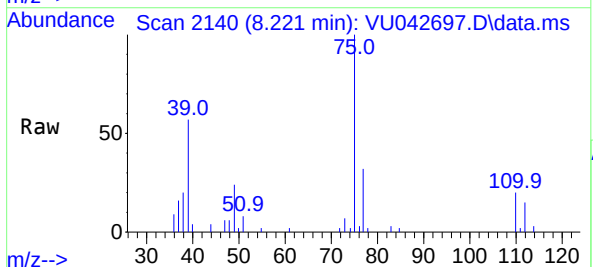
Acq: 17 Mar 2021 19:07

Tgt Ion: 75 Resp: 10468

Ion Ratio Lower Upper

75 100

77 31.6 25.6 38.4



Instrument :

MSVOA_U

ClientSampleId :

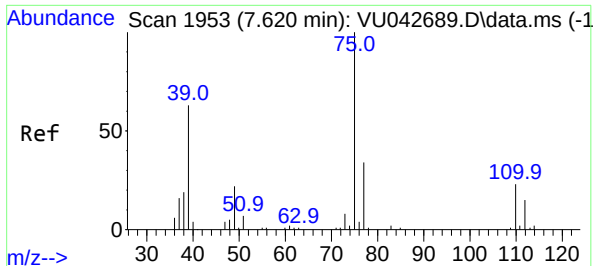
VU0317WBSD01

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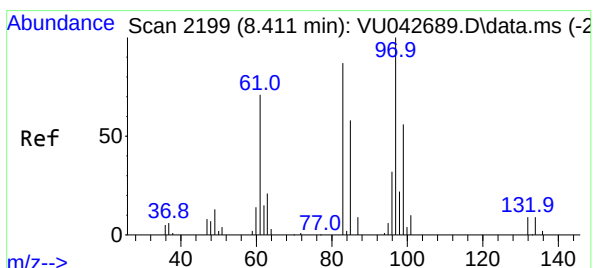
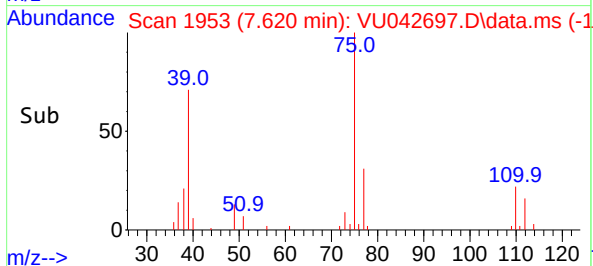
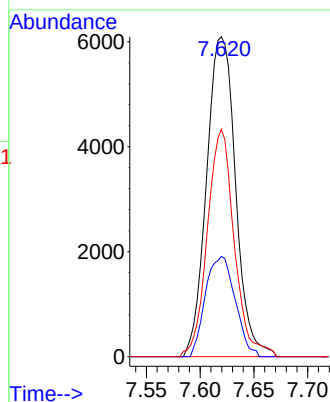
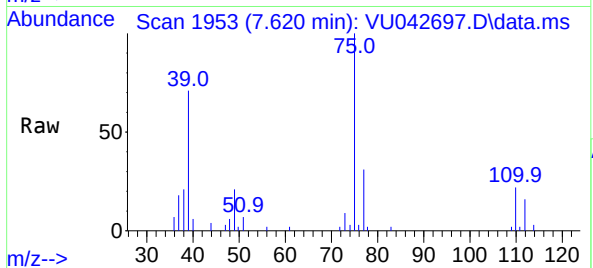
#51
cis-1,3-Dichloropropene
Concen: 1.84 ug/l
RT: 7.620 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion:	75	Resp:	11462
Ion	Ratio	Lower	Upper
75	100		
77	31.3	27.1	40.7
39	71.0	50.2	75.4

Instrument :
MSVOA_U
ClientSampleId :
VU0317WBSD01

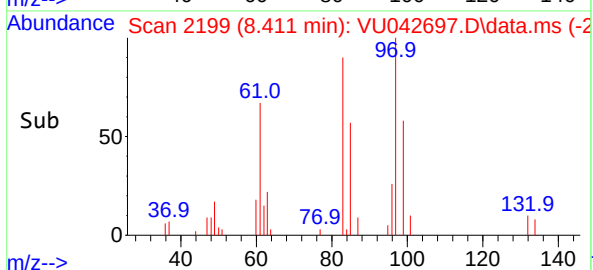
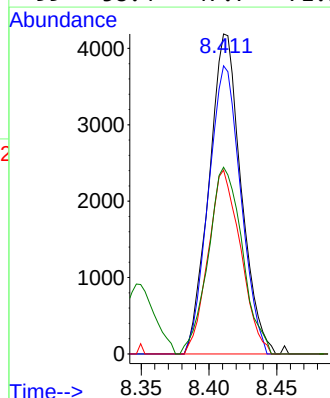
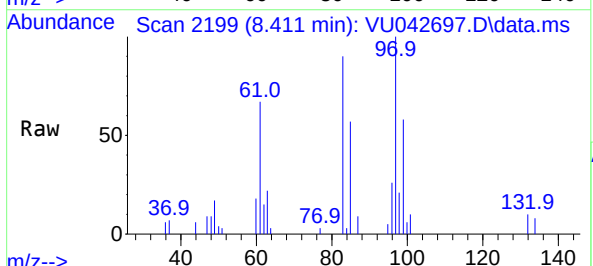
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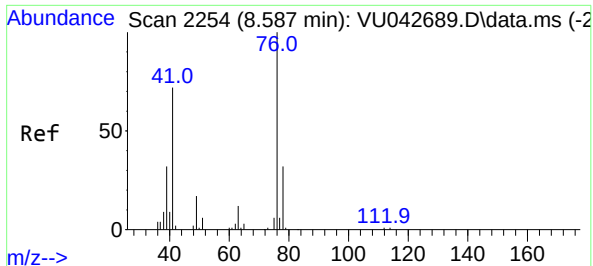
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#52
1,1,2-Trichloroethane
Concen: 1.88 ug/l
RT: 8.411 min Scan# 2199
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion:	97	Resp:	6890
Ion	Ratio	Lower	Upper
97	100		
83	90.1	69.4	104.0
85	57.4	46.5	69.7
99	58.4	47.7	71.5





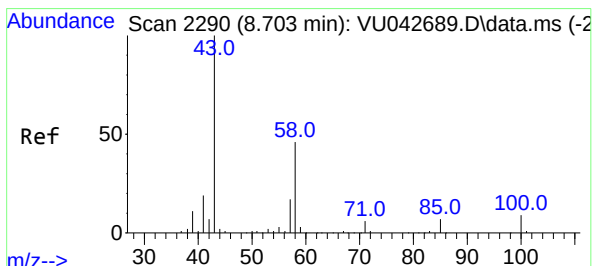
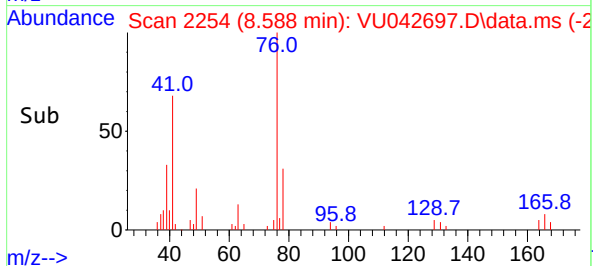
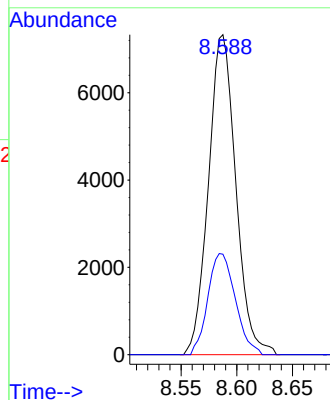
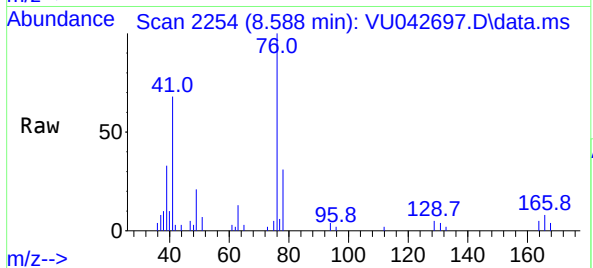
#53
1,3-Dichloropropane
Concen: 1.98 ug/l
RT: 8.588 min Scan# 2254
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion: 76 Resp: 12535
Ion Ratio Lower Upper
76 100
78 31.7 25.8 38.6

Instrument :
MSVOA_U
ClientSampleId :
VU0317WBSD01

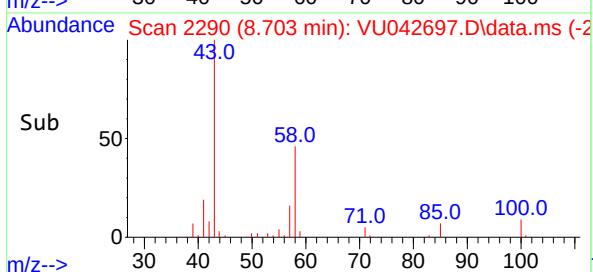
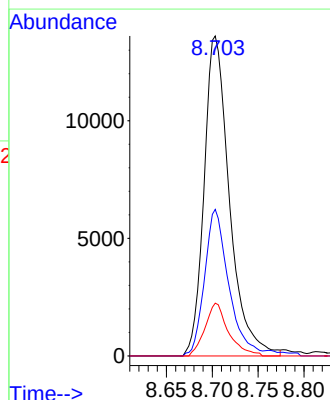
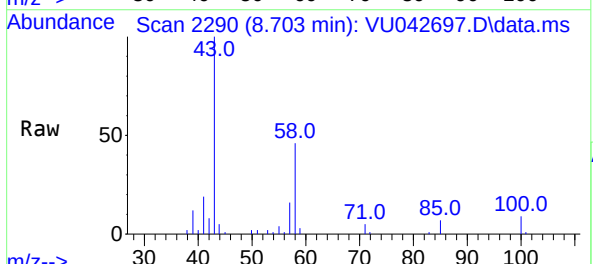
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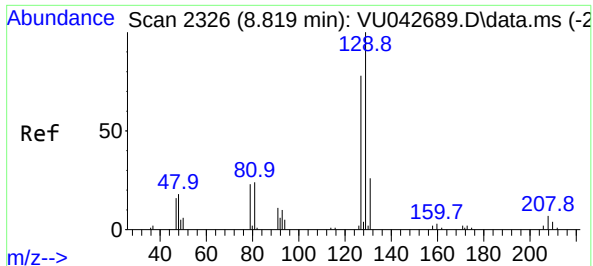
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#54
2-Hexanone
Concen: 9.23 ug/l
RT: 8.703 min Scan# 2290
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion: 43 Resp: 26245
Ion Ratio Lower Upper
43 100
58 43.4 26.5 66.5
57 15.3 0.0 36.5





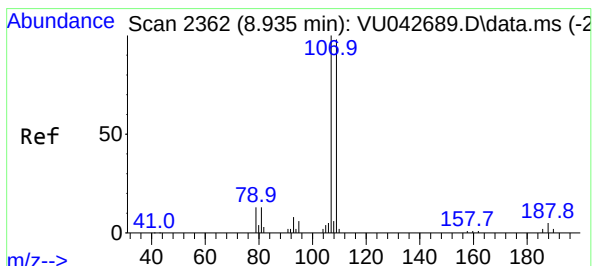
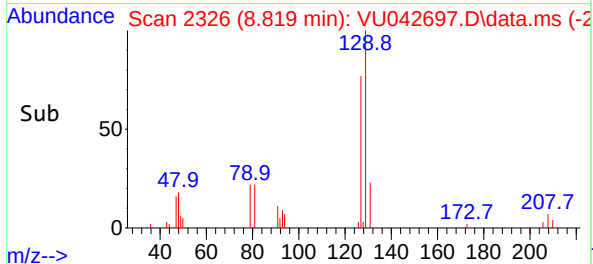
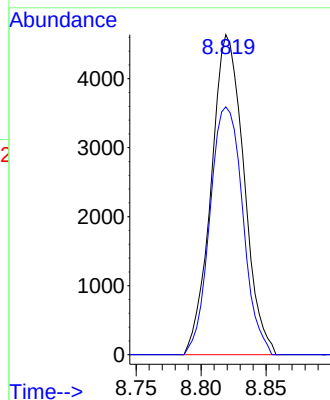
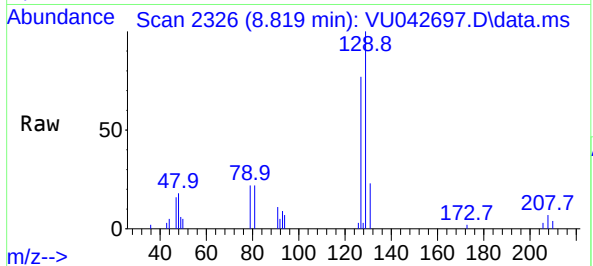
#55
Dibromochloromethane
Concen: 1.86 ug/l
RT: 8.819 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion:129 Resp: 8116
Ion Ratio Lower Upper
129 100
127 77.9 61.9 92.9

Instrument :
MSVOA_U
ClientSampleId :
VU0317WBSD01

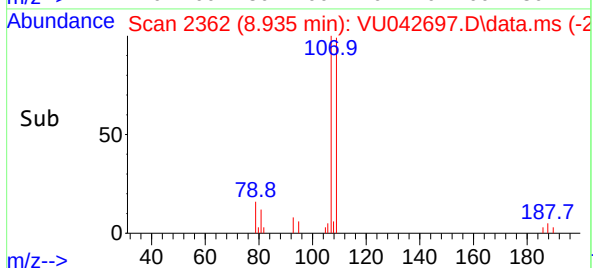
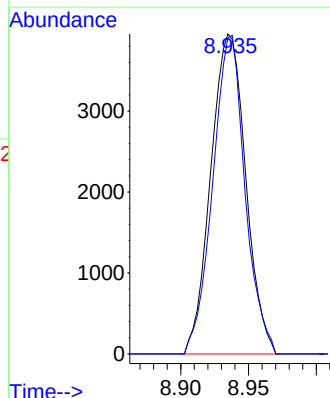
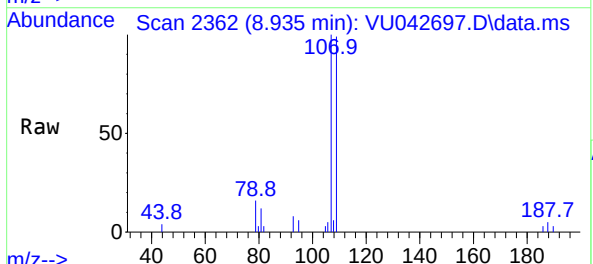
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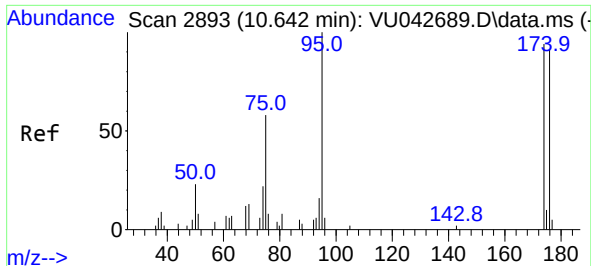
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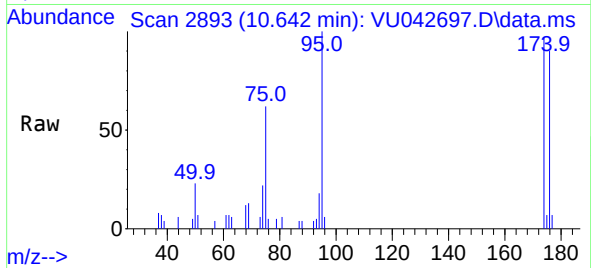
#56
1,2-Dibromoethane
Concen: 1.94 ug/l
RT: 8.935 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion:107 Resp: 7068
Ion Ratio Lower Upper
107 100
109 92.1 0.0 190.8



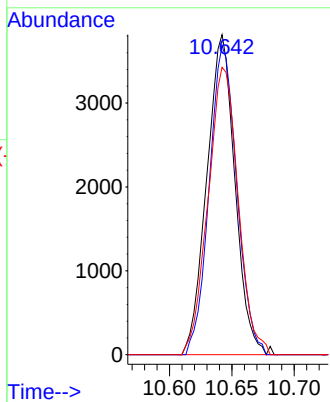
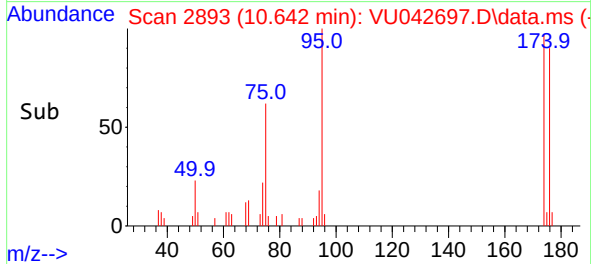


#57
4-Bromofluorobenzene
Concen: 0.87 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07



Tgt Ion: 95 Resp: 6007

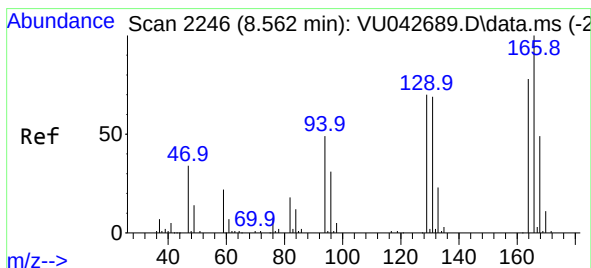
Ion	Ratio	Lower	Upper
95	100		
174	94.6	73.8	110.6
176	95.7	71.4	107.0



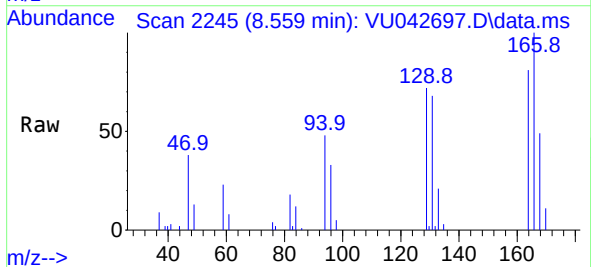
Instrument :
MSVOA_U
ClientSampleId :
VU0317WBSD01

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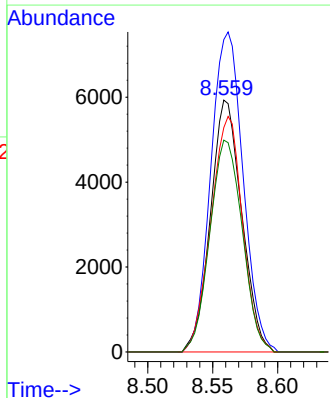
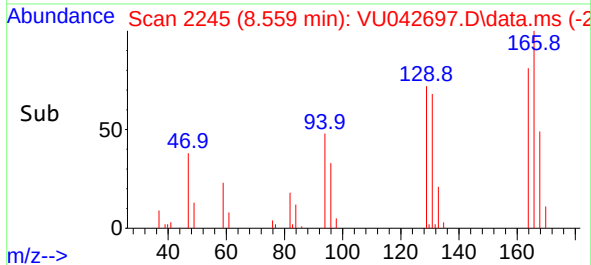


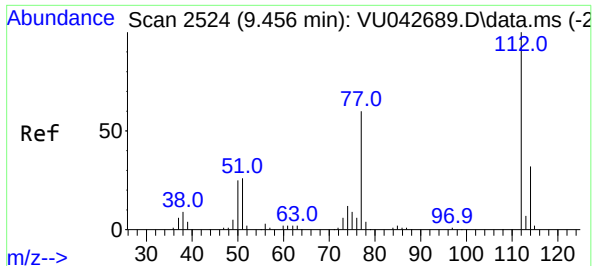
#58
Tetrachloroethene
Concen: 2.01 ug/l
RT: 8.559 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07



Tgt Ion: 164 Resp: 9923

Ion	Ratio	Lower	Upper
164	100		
166	124.0	103.0	154.6
129	89.1	72.2	108.2
131	84.1	70.7	106.1





#59

Chlorobenzene

Concen: 1.98 ug/l

RT: 9.456 min Scan# 2524

Delta R.T. 0.000 min

Lab File: VU042697.D

Acq: 17 Mar 2021 19:07

Tgt Ion:112 Resp: 23370

Ion Ratio Lower Upper

112 100

114 34.2 25.4 38.0

Instrument :

MSVOA_U

ClientSampleId :

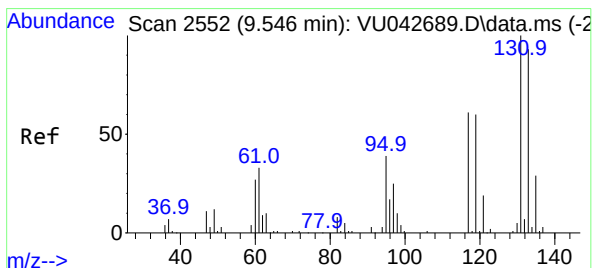
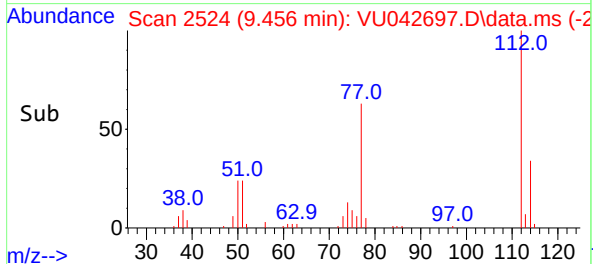
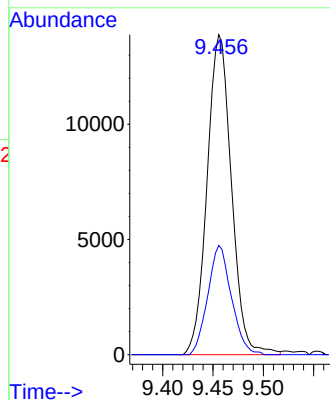
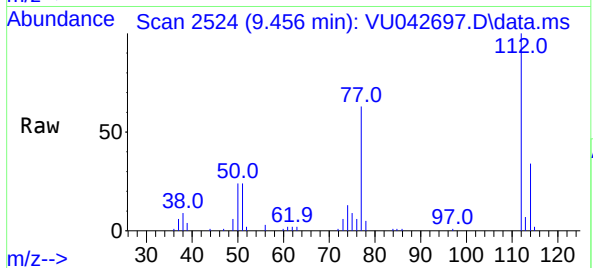
VU0317WBSD01

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#60

1,1,1,2-Tetrachloroethane

Concen: 1.89 ug/l

RT: 9.542 min Scan# 2551

Delta R.T. -0.003 min

Lab File: VU042697.D

Acq: 17 Mar 2021 19:07

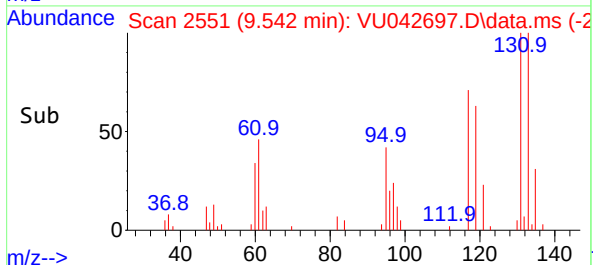
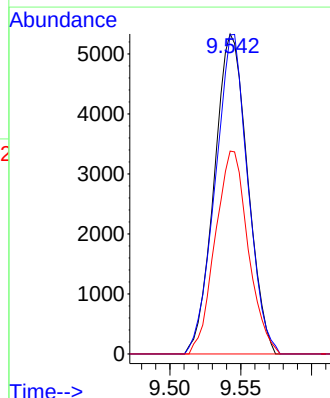
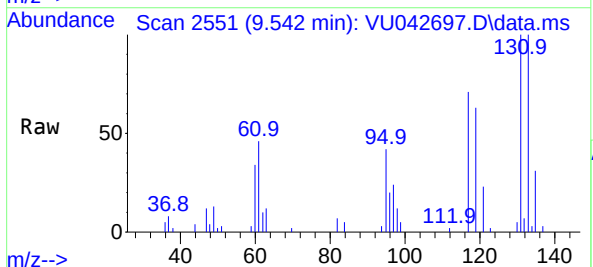
Tgt Ion:131 Resp: 8724

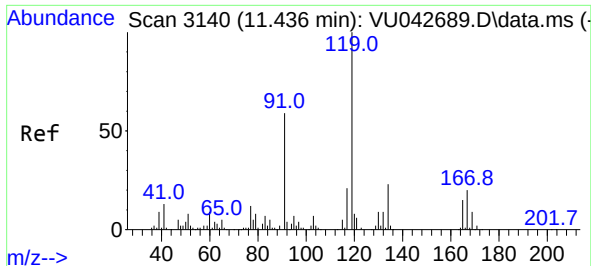
Ion Ratio Lower Upper

131 100

133 97.4 76.1 114.1

119 62.8 50.1 75.1





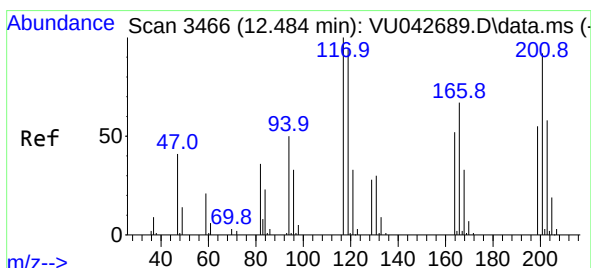
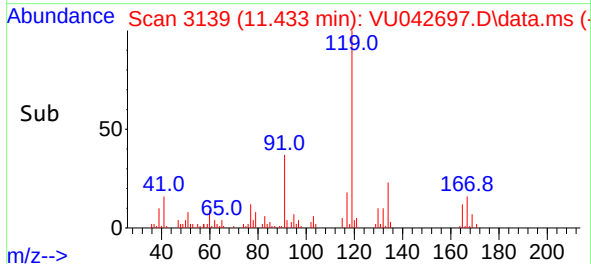
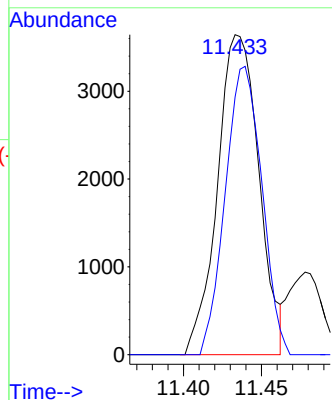
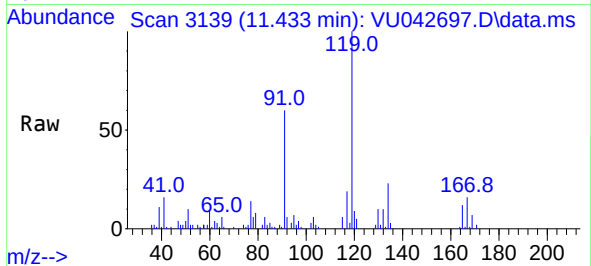
#61
Pentachloroethane
Concen: 1.90 ug/l
RT: 11.433 min Scan# 3139
Delta R.T. -0.003 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Instrument :
MSVOA_U
ClientSampleId :
VU0317WBSD01

Tgt Ion:117 Resp: 6735
Ion Ratio Lower Upper
117 100
167 79.5 68.7 103.1

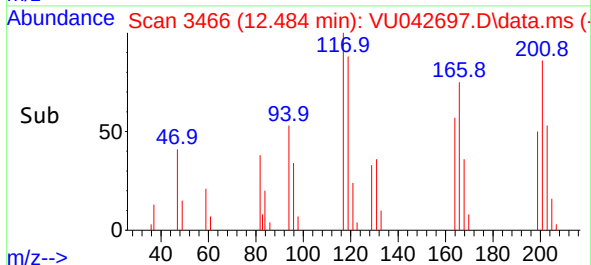
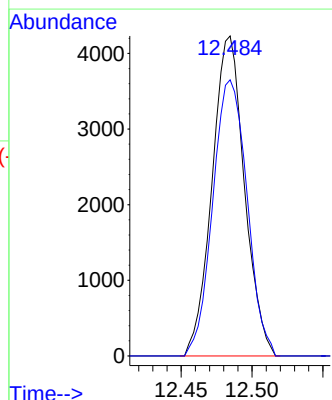
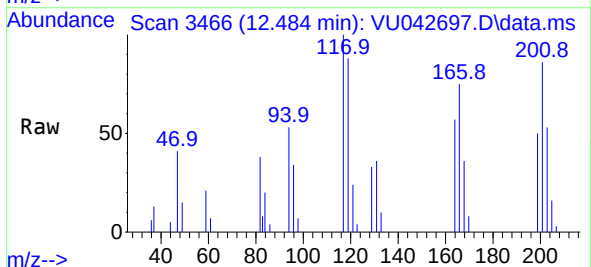
Manual Integrations
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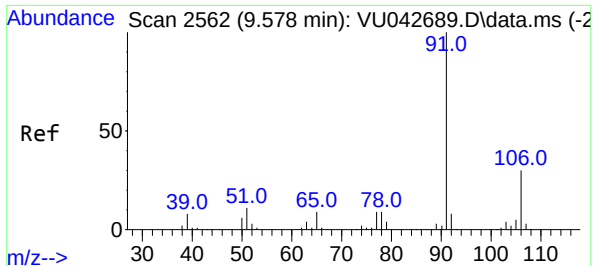
MMDadoda
3/25/2021 1:08:05 PM



#62
Hexachloroethane
Concen: 1.83 ug/l
RT: 12.484 min Scan# 3466
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion:117 Resp: 6733
Ion Ratio Lower Upper
117 100
201 91.3 71.8 107.8





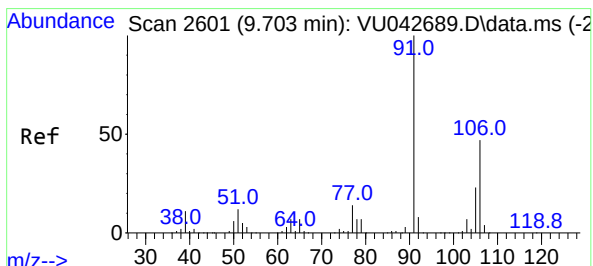
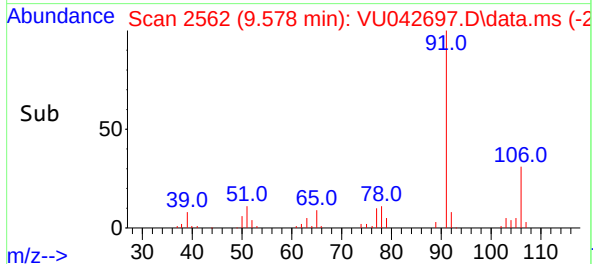
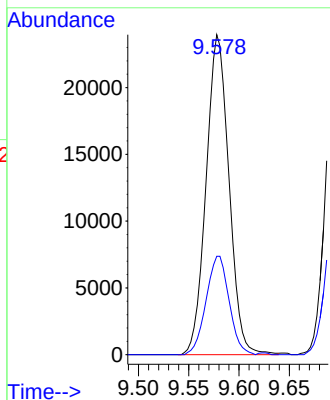
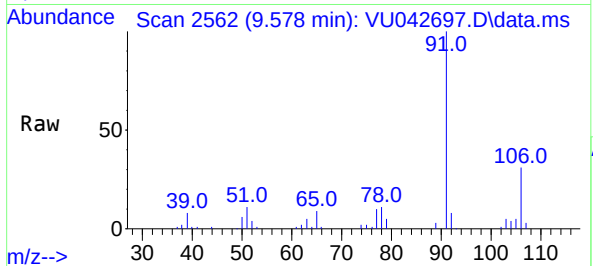
#63
Ethyl Benzene
Concen: 1.89 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Instrument :
MSVOA_U
ClientSampleId :
VU0317WBSD01

Tgt Ion: 91 Resp: 37915
Ion Ratio Lower Upper
91 100
106 30.7 24.0 36.0

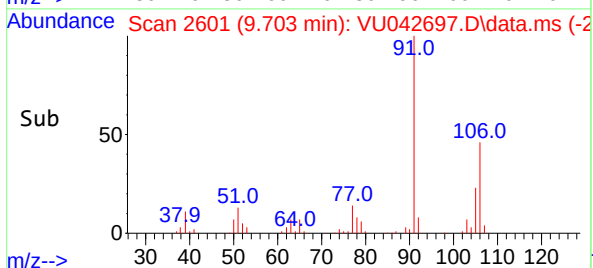
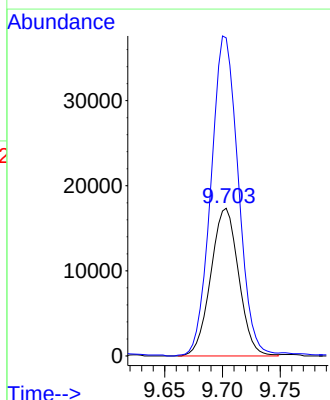
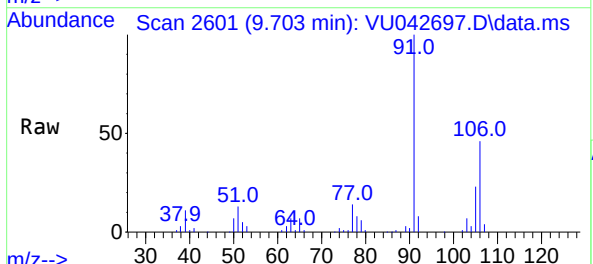
Manual Integrations
APPROVED

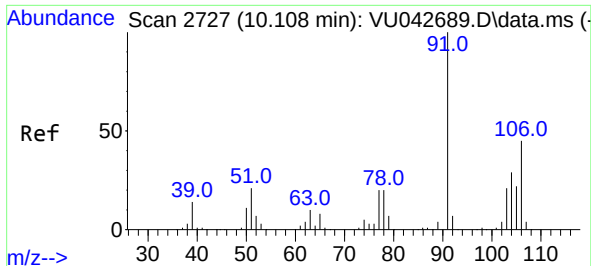
MMDadoda
3/25/2021 1:08:05 PM



#64
m/p-Xylenes
Concen: 3.76 ug/l
RT: 9.703 min Scan# 2601
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion: 106 Resp: 29099
Ion Ratio Lower Upper
106 100
91 212.7 170.2 255.2





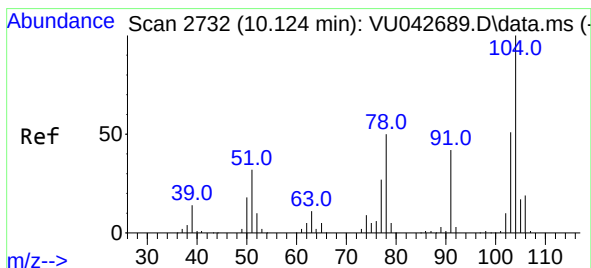
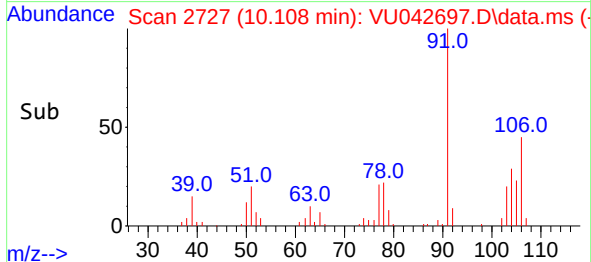
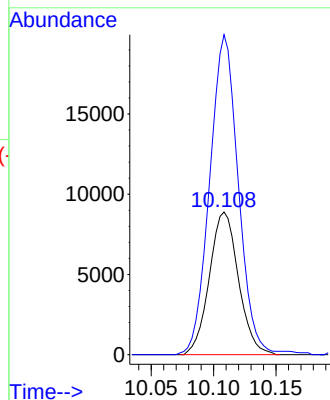
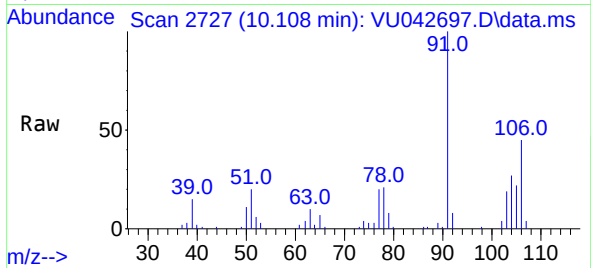
#65
o-Xylene
Concen: 1.93 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion:106 Resp: 14461
Ion Ratio Lower Upper
106 100
91 221.5 111.5 334.5

Instrument :
MSVOA_U
ClientSampleId :
VU0317WBSD01

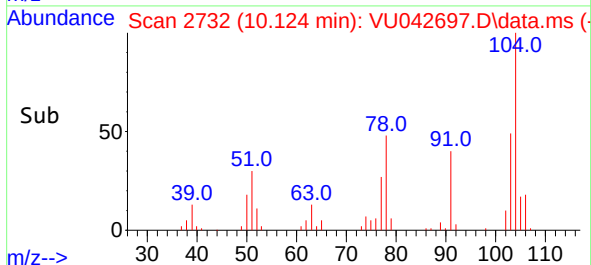
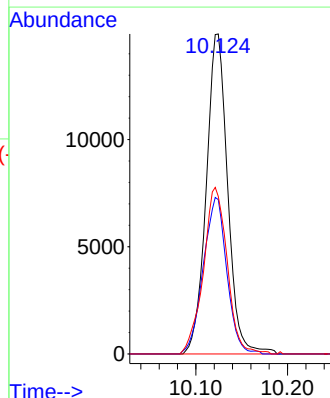
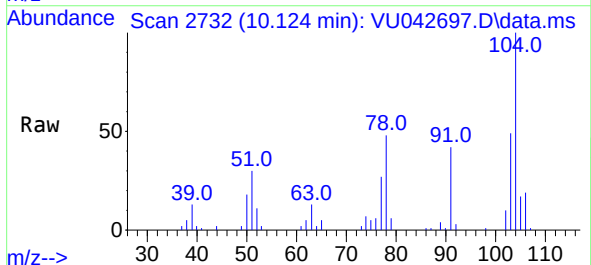
Manual Integrations
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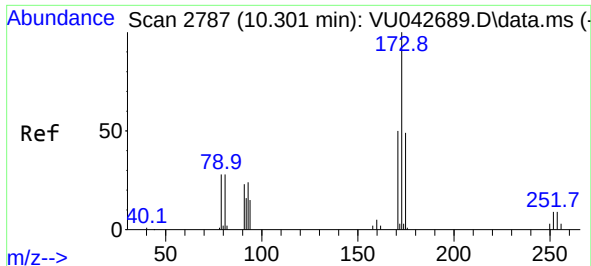
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#66
Styrene
Concen: 1.90 ug/l
RT: 10.124 min Scan# 2732
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion:104 Resp: 24274
Ion Ratio Lower Upper
104 100
78 53.7 43.6 65.4
103 57.9 44.7 67.1





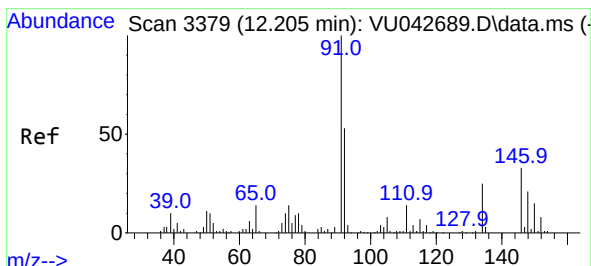
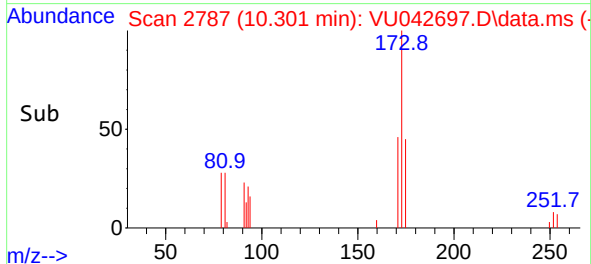
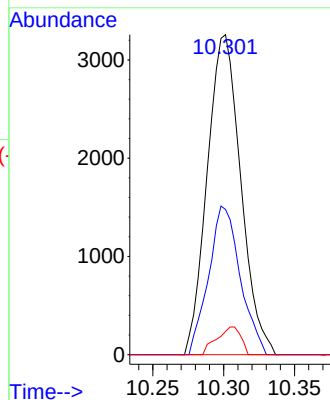
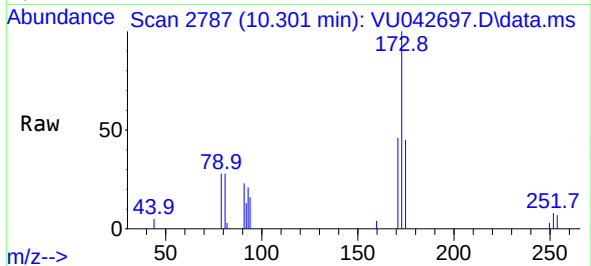
#67
Bromoform
Concen: 1.89 ug/l
RT: 10.301 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion:	173	Resp:	5359
Ion Ratio	Lower	Upper	
173	100		
175	43.6	37.4	56.0
254	6.2	7.0	10.4#

Instrument :
MSVOA_U
ClientSampleId :
VU0317WBSD01

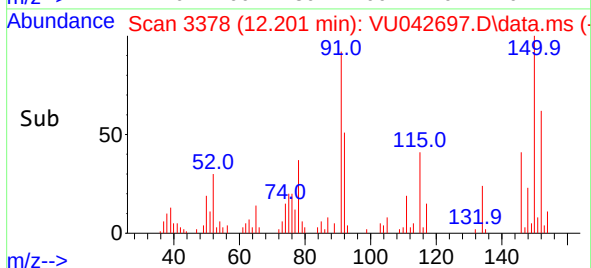
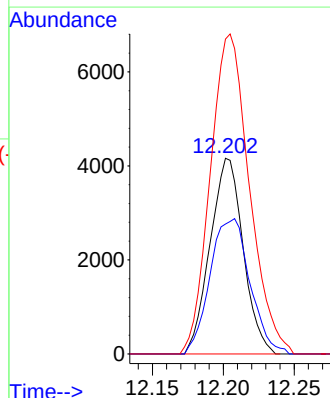
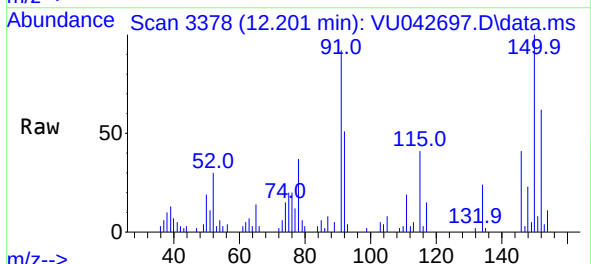
Manual Integrations
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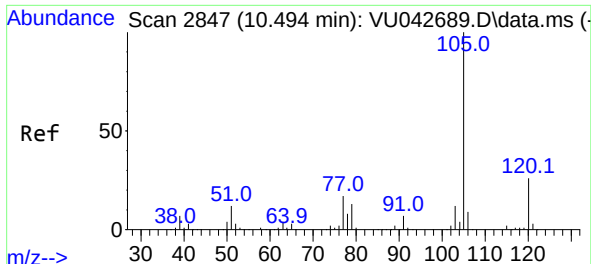
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#68
1,2-Dichlorobenzene-d4
Concen: 0.92 ug/l
RT: 12.201 min Scan# 3378
Delta R.T. -0.004 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion:	152	Resp:	6760
Ion Ratio	Lower	Upper	
152	100		
115	83.3	0.0	271.0
150	193.2	0.0	633.0





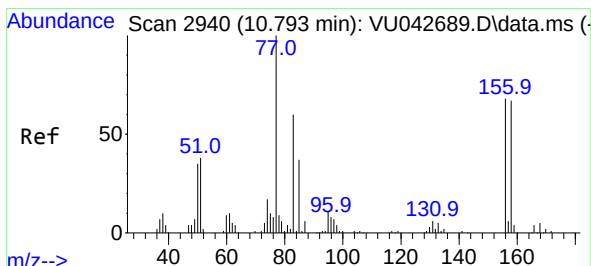
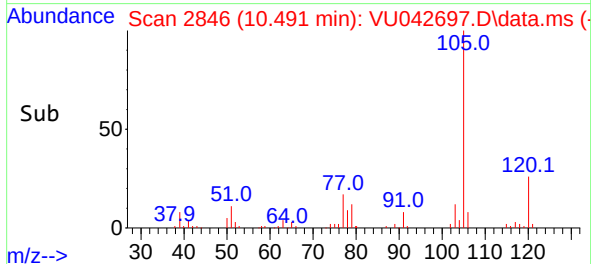
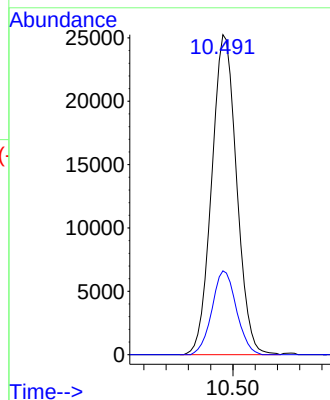
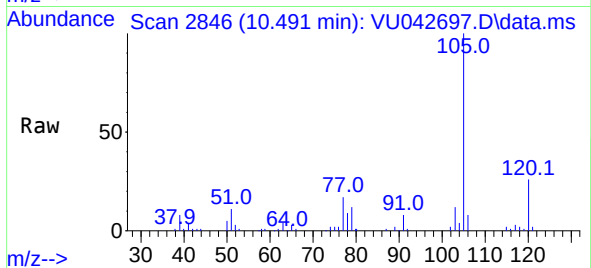
#69
Isopropylbenzene
Concen: 1.93 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. -0.003 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion: 105 Resp: 39208
Ion Ratio Lower Upper
105 100
120 25.7 13.3 39.9

Instrument :
MSVOA_U
ClientSampleId :
VU0317WBSD01

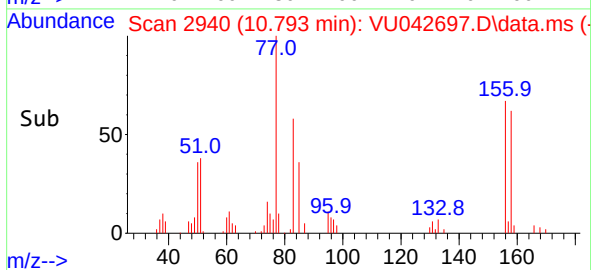
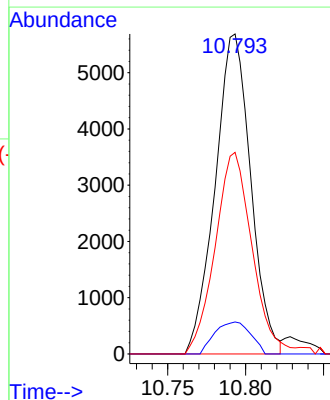
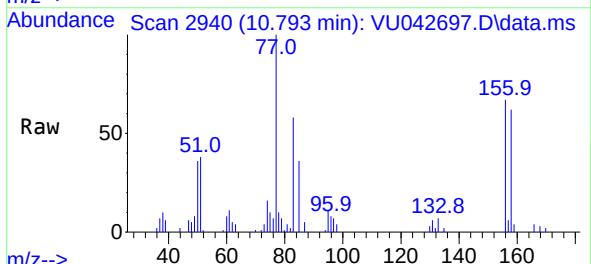
Manual Integrations
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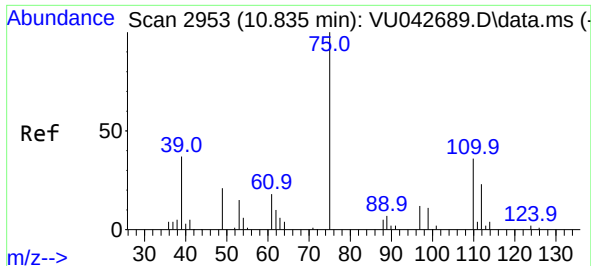
MMDadoda
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#70
1,1,2,2-Tetrachloroethane
Concen: 1.87 ug/l
RT: 10.793 min Scan# 2940
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion: 83 Resp: 9043
Ion Ratio Lower Upper
83 100
131 10.0 8.3 12.5
85 65.2 51.8 77.8





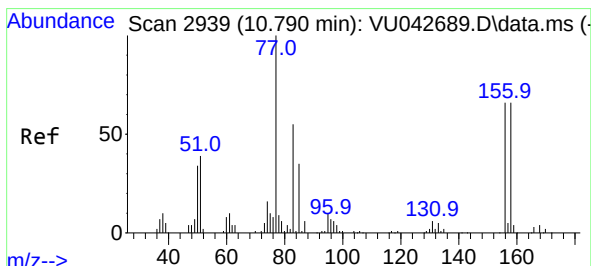
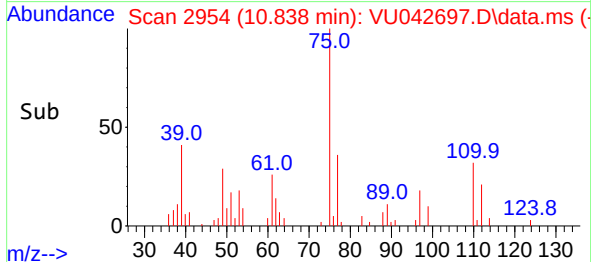
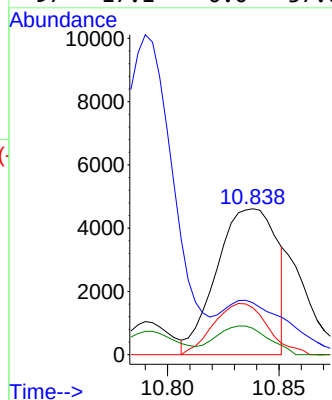
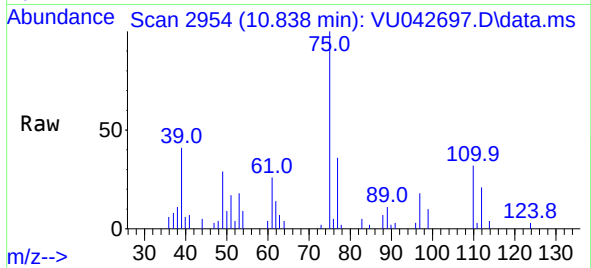
#71
1,2,3-Trichloropropane
Concen: 2.27 ug/l m
RT: 10.838 min Scan# 2954
Delta R.T. 0.003 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion: 75	Resp: 8639
Ion Ratio	Lower Upper
75 100	
77 39.8	0.0 96.8
110 31.6	0.0 71.8
97 17.1	0.0 37.0

Instrument :
MSVOA_U
ClientSampleId :
VU0317WBSD01

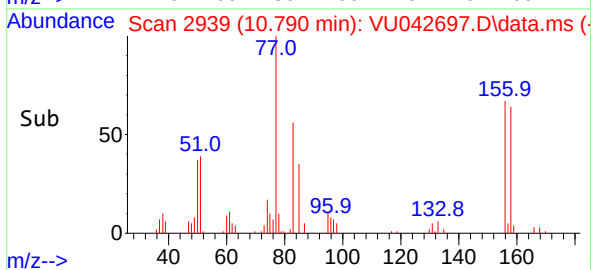
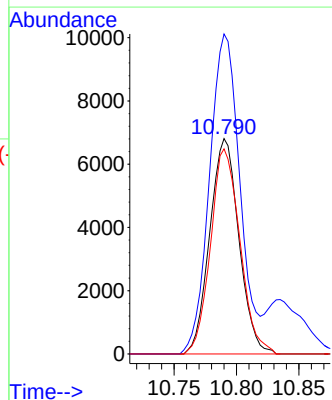
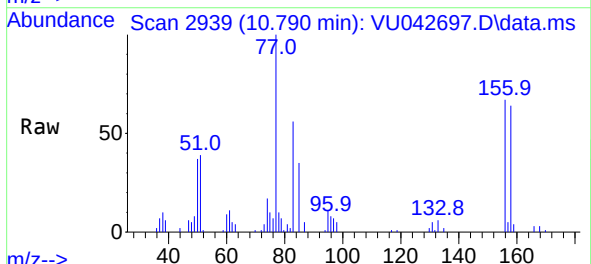
Manual Integrations
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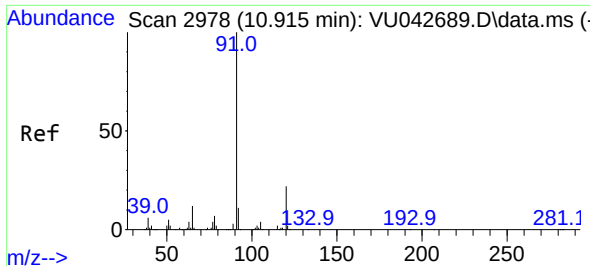
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#72
Bromobenzene
Concen: 1.94 ug/l
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion:156	Resp:	11076	
Ion	Ratio	Lower	Upper
156	100		
77	154.6	0.0	301.6
158	95.9	0.0	195.6





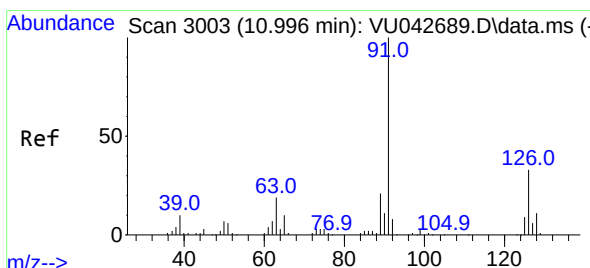
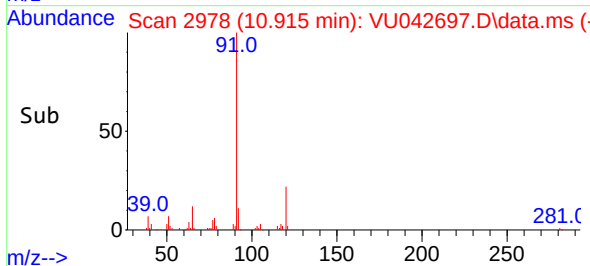
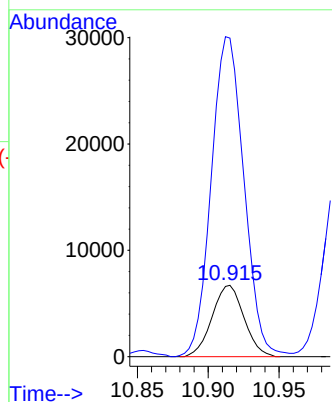
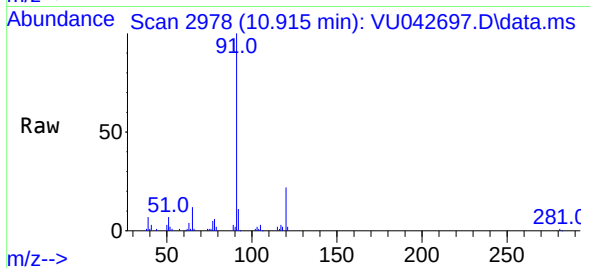
#73
n-propylbenzene
Concen: 1.84 ug/l
RT: 10.915 min Scan# 2978
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion:120 Resp: 10522
Ion Ratio Lower Upper
120 100
91 459.0 356.2 534.2

Instrument :
MSVOA_U
ClientSampleId :
VU0317WBSD01

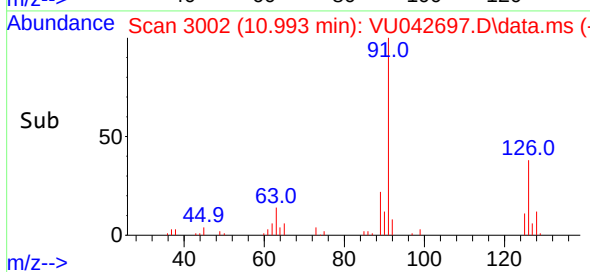
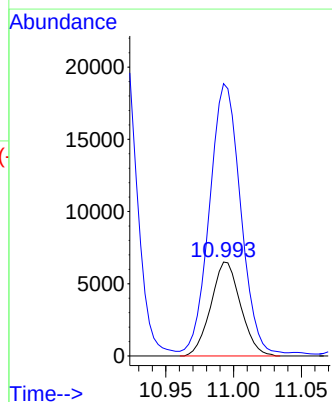
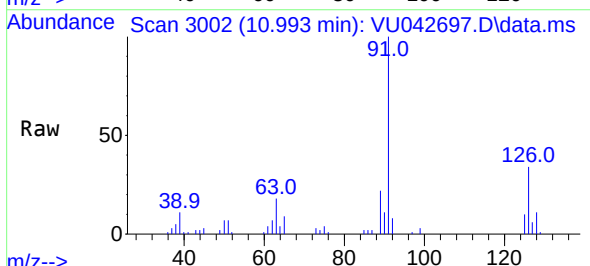
Manual Integrations
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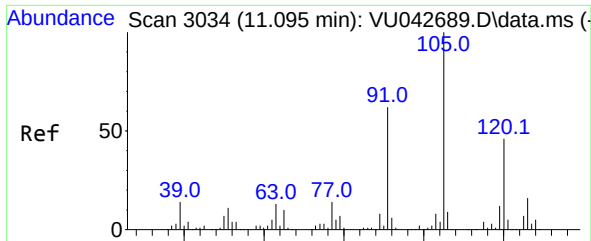
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#74
2-Chlorotoluene
Concen: 1.92 ug/l
RT: 10.993 min Scan# 3002
Delta R.T. -0.003 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

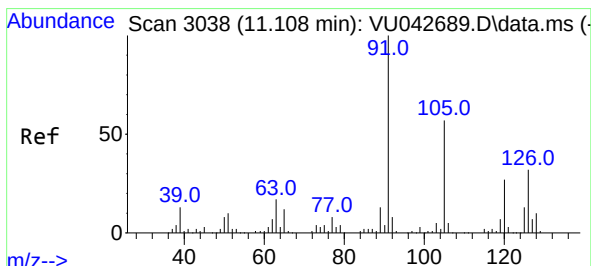
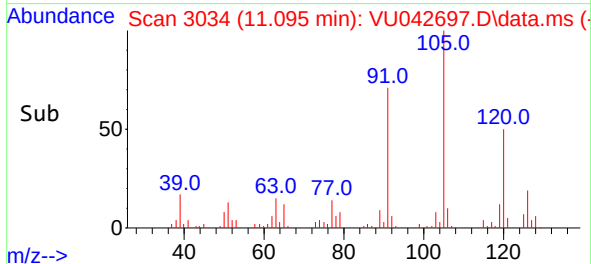
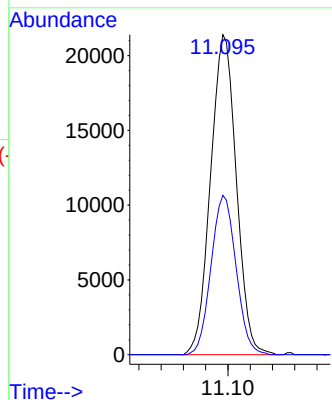
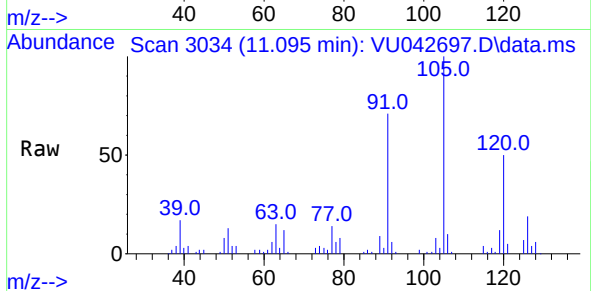
Tgt Ion:126 Resp: 9938
Ion Ratio Lower Upper
126 100
91 298.0 0.0 589.4





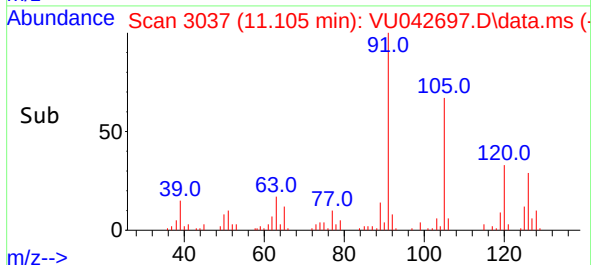
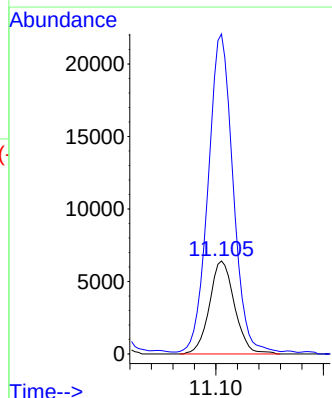
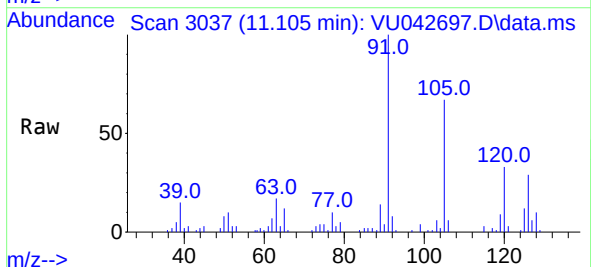
#75
1,3,5-Trimethylbenzene
Concen: 1.89 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion:105 Resp: 34342
Ion Ratio Lower Upper
105 100
120 48.3 37.4 56.2



#76
4-Chlorotoluene
Concen: 1.89 ug/l
RT: 11.105 min Scan# 3037
Delta R.T. -0.003 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

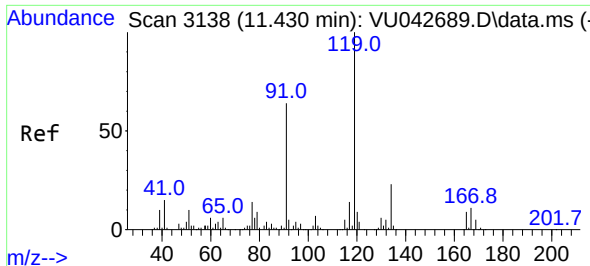
Tgt Ion:126 Resp: 10371
Ion Ratio Lower Upper
126 100
91 338.4 0.0 668.8



Instrument :
MSVOA_U
ClientSampleId :
VU0317WBSD01

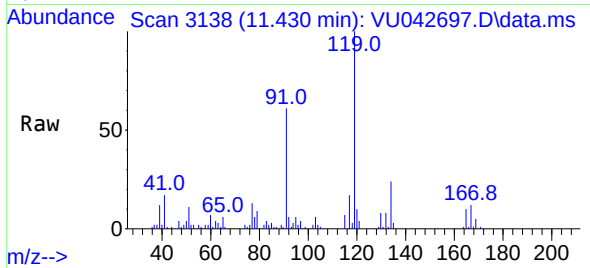
Manual Integrations
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#77
tert-Butylbenzene
Concen: 1.91 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

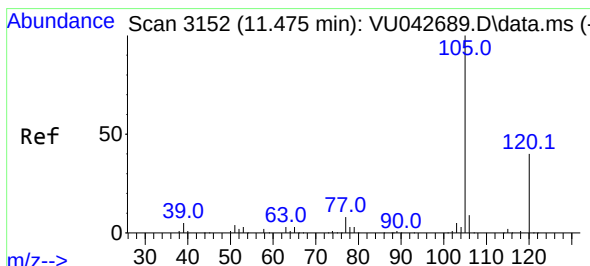
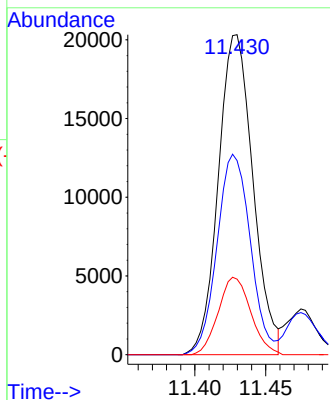
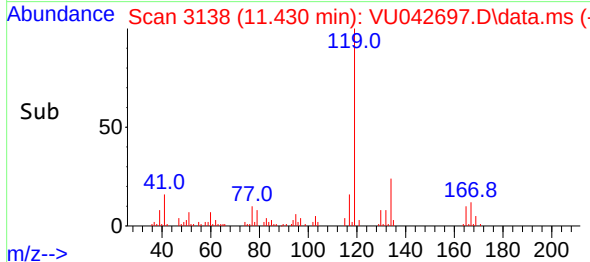
Instrument :
MSVOA_U
ClientSampleId :
VU0317WBSD01



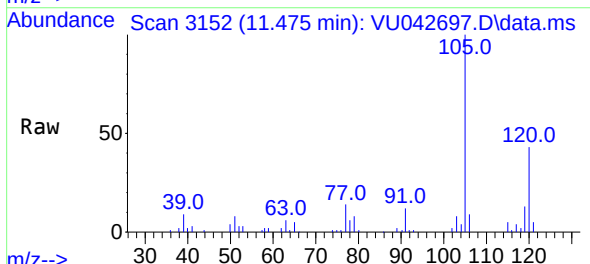
Tgt Ion:119 Resp: 34609
Ion Ratio Lower Upper
119 100
91 60.2 31.2 93.6
134 22.7 18.4 27.6

Manual Integrations
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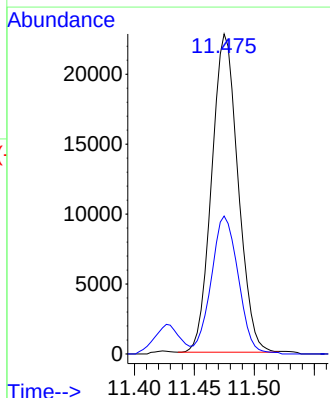
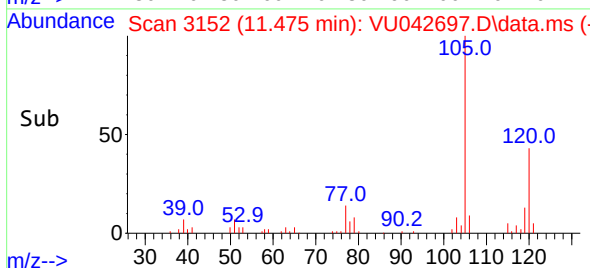
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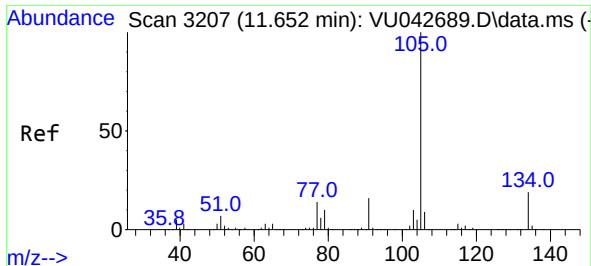


#78
1,2,4-Trimethylbenzene
Concen: 1.85 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07



Tgt Ion:105 Resp: 34784
Ion Ratio Lower Upper
105 100
120 44.6 22.1 66.5





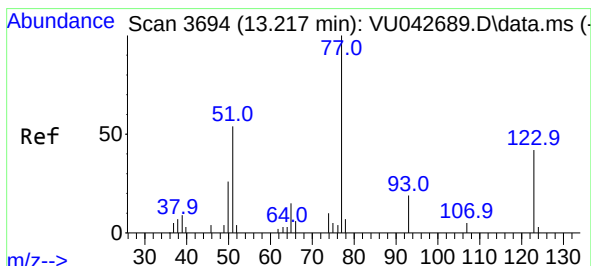
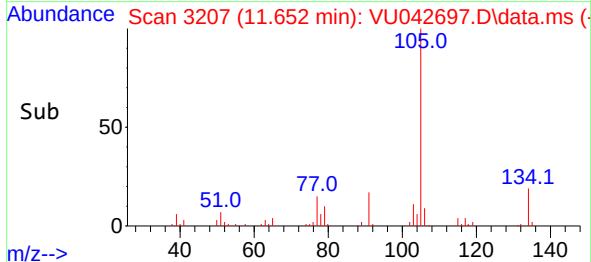
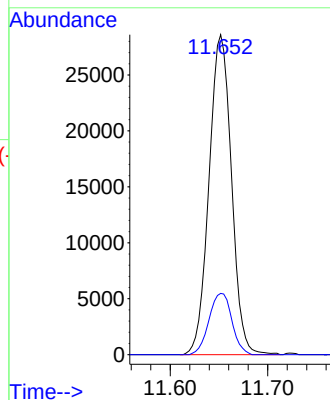
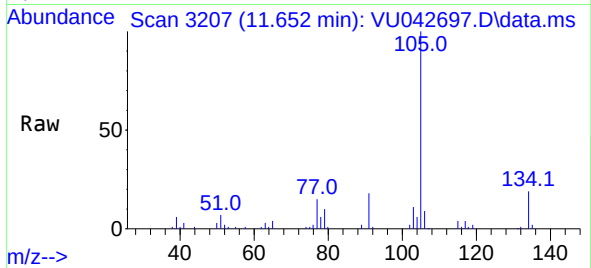
#79
sec-Butylbenzene
Concen: 1.88 ug/l
RT: 11.652 min Scan# 3207
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion: 105 Resp: 45769
Ion Ratio Lower Upper
105 100
134 19.6 15.9 23.9

Instrument :
MSVOA_U
ClientSampleId :
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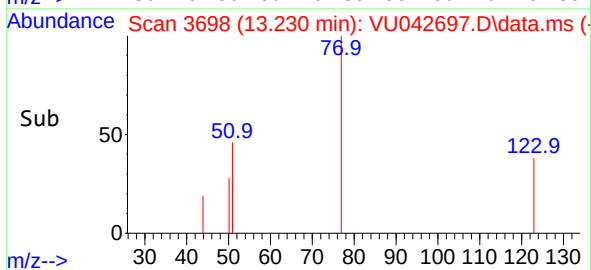
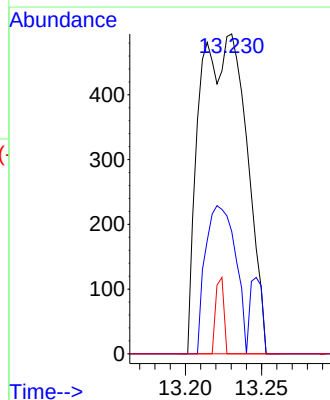
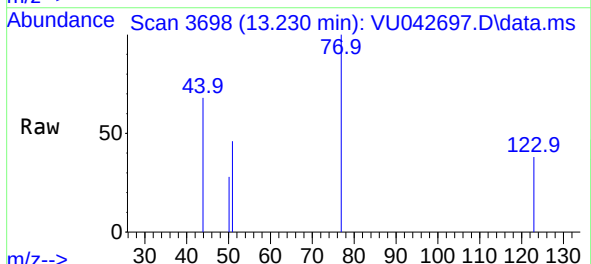
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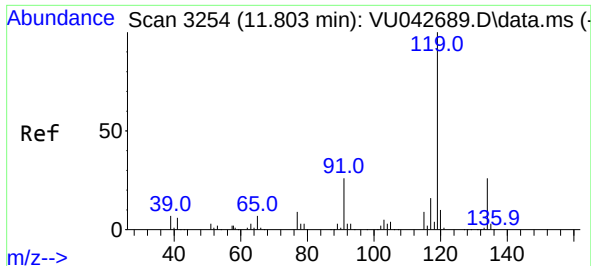
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#80
Nitrobenzene
Concen: 10.72 ug/l m
RT: 13.230 min Scan# 3698
Delta R.T. 0.013 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion: 77 Resp: 1061
Ion Ratio Lower Upper
77 100
123 29.4 18.2 64.4
65 4.1 12.9 16.5#





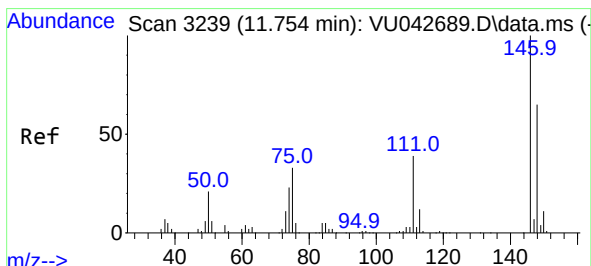
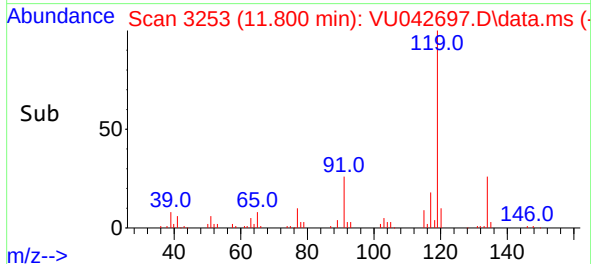
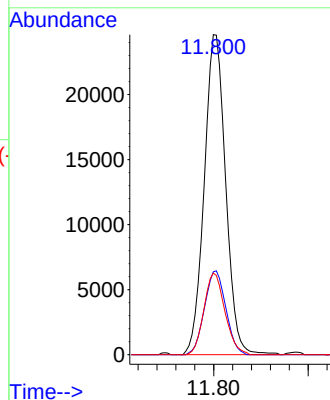
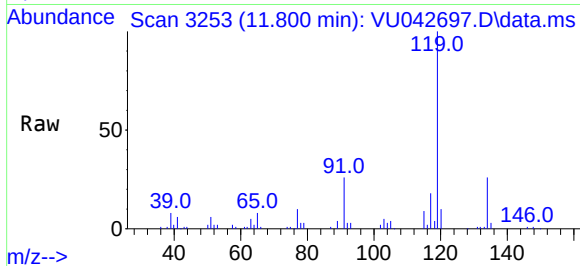
#81
p-Isopropyltoluene
Concen: 1.88 ug/l
RT: 11.800 min Scan# 3253
Delta R.T. -0.003 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion:119 Resp: 38724
Ion Ratio Lower Upper
119 100
134 26.0 21.2 31.8
91 25.0 20.5 30.7

Instrument :
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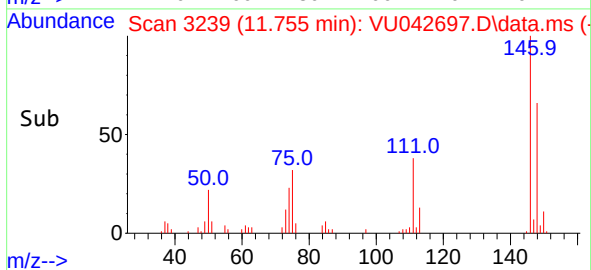
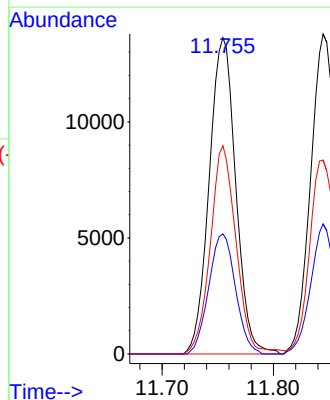
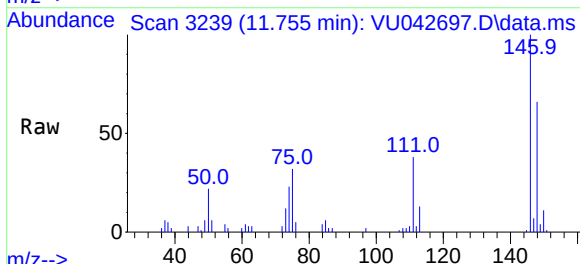
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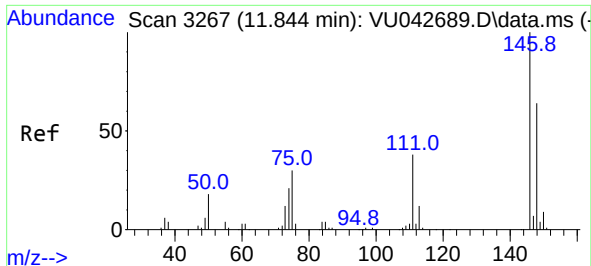
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#82
1,3-Dichlorobenzene
Concen: 1.98 ug/l
RT: 11.755 min Scan# 3239
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion:146 Resp: 22551
Ion Ratio Lower Upper
146 100
111 38.2 31.6 47.4
148 64.0 51.0 76.4





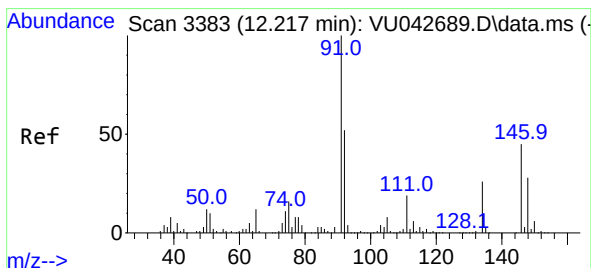
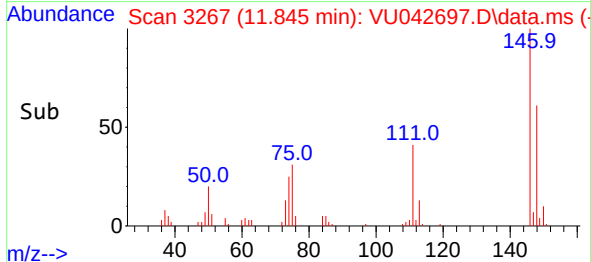
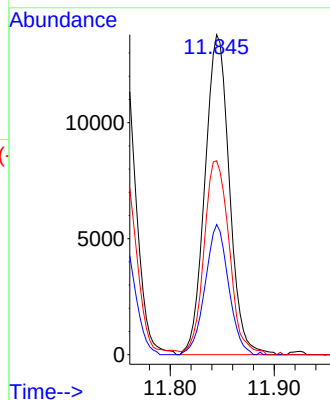
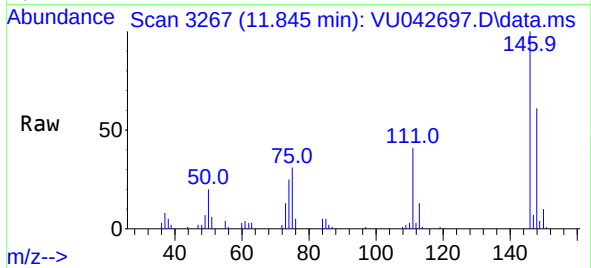
#83
1,4-Dichlorobenzene
Concen: 1.96 ug/l
RT: 11.845 min Scan# 3267
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion: 146 Resp: 22512
Ion Ratio Lower Upper
146 100
111 39.0 30.5 45.7
148 62.6 51.1 76.7

Instrument :
MSVOA_U
ClientSampleId :
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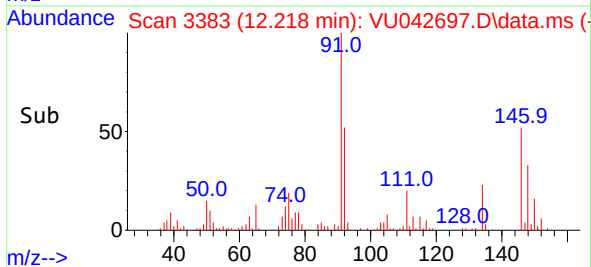
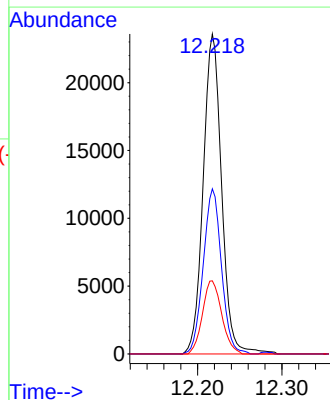
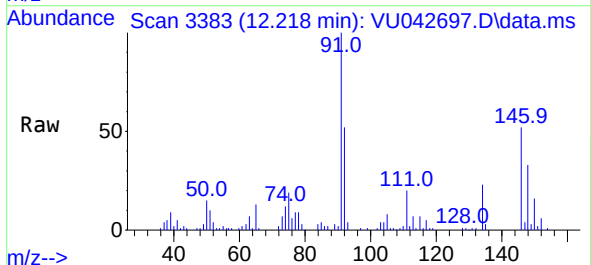
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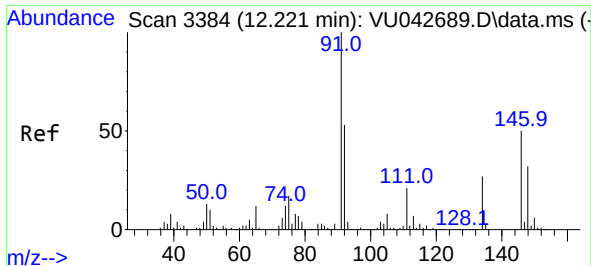
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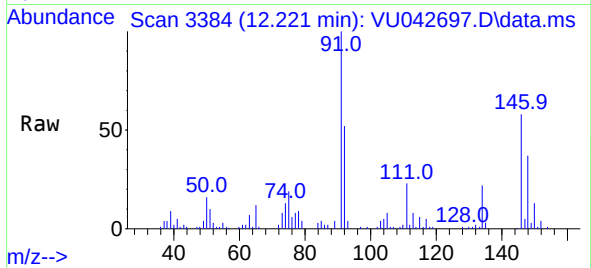
#84
n-Butylbenzene
Concen: 1.82 ug/l
RT: 12.218 min Scan# 3383
Delta R.T. 0.001 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

Tgt Ion: 91 Resp: 35943
Ion Ratio Lower Upper
91 100
92 51.0 42.0 63.0
134 23.9 20.5 30.7

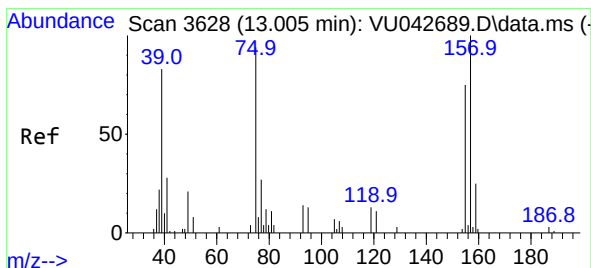
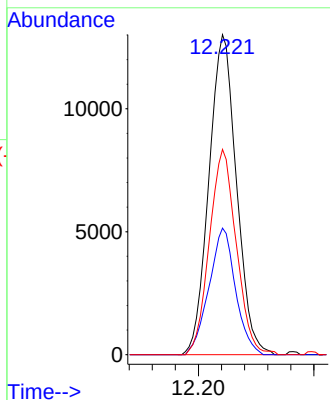
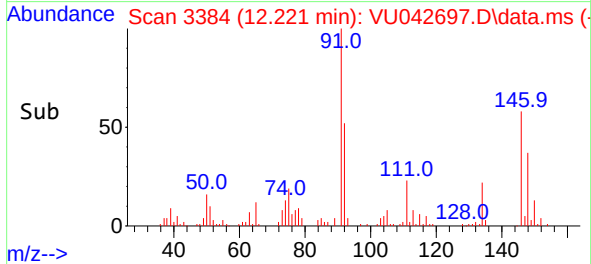




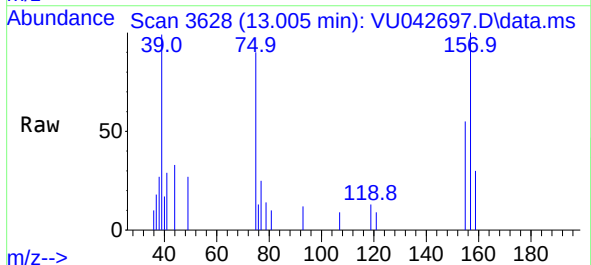
#85
1,2-Dichlorobenzene
Concen: 1.92 ug/l
RT: 12.221 min Scan# 3384
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07



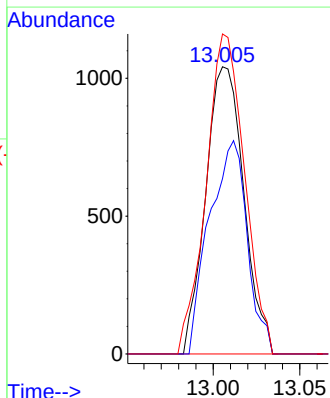
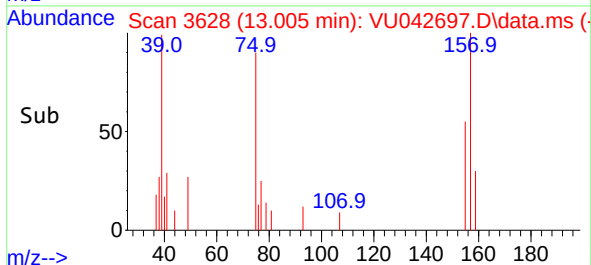
Tgt Ion: 146 Resp: 21542
Ion Ratio Lower Upper
146 100
111 38.1 20.3 60.8
148 62.8 31.7 95.1



#86
1,2-Dibromo-3-Chloropropane
Concen: 1.77 ug/l
RT: 13.005 min Scan# 3628
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07



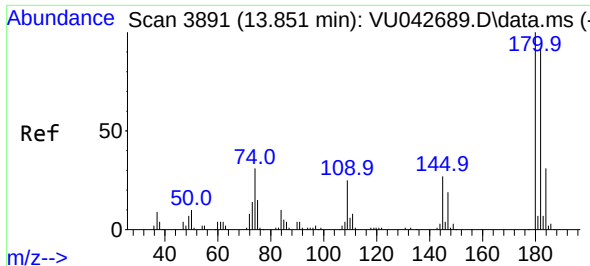
Tgt Ion: 75 Resp: 1598
Ion Ratio Lower Upper
75 100
155 73.7 62.8 94.2
157 111.9 84.0 126.0



Instrument :
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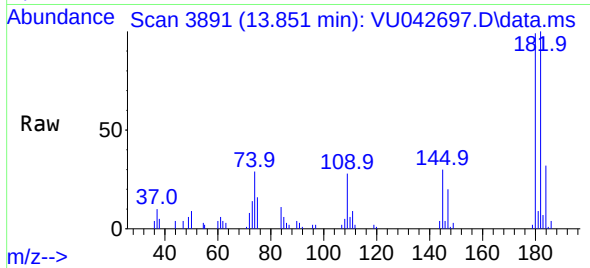
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#87
1,2,4-Trichlorobenzene
Concen: 1.76 ug/l
RT: 13.851 min Scan# 3891
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

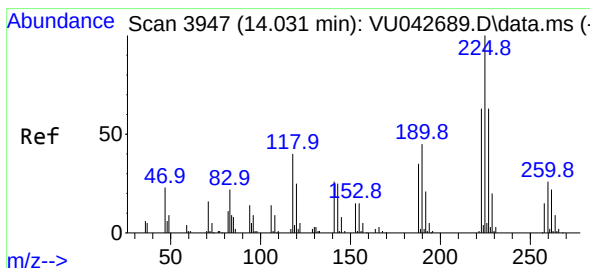
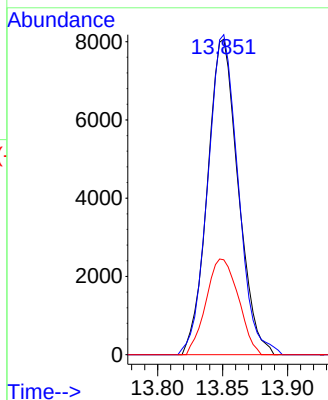
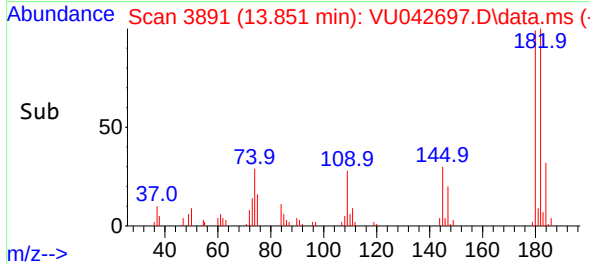
Instrument :
MSVOA_U
ClientSampleId :
VU0317WBSD01



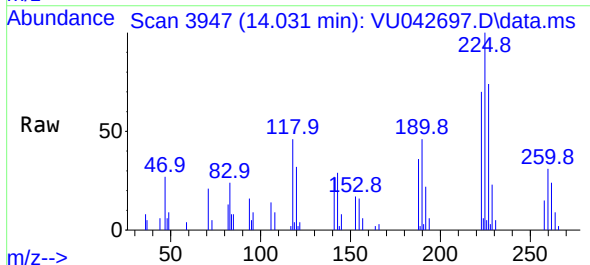
Tgt Ion:180 Resp: 13252
Ion Ratio Lower Upper
180 100
182 100.3 75.4 113.0
145 31.8 22.6 34.0

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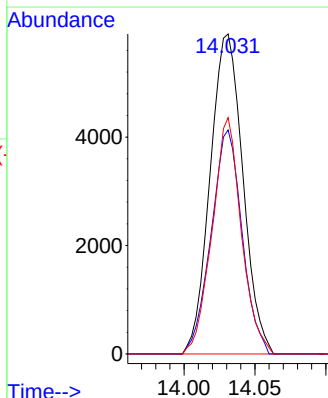
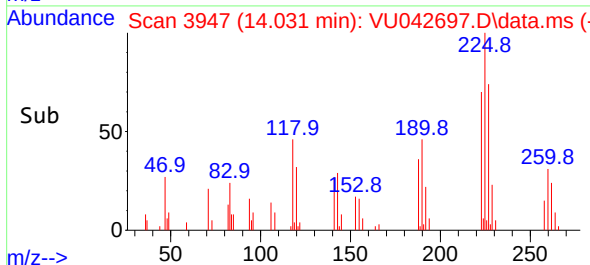
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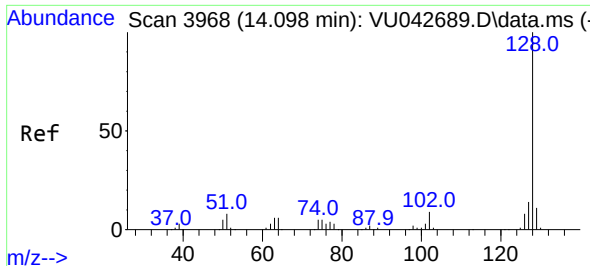


#88
Hexachlorobutadiene
Concen: 1.88 ug/l
RT: 14.031 min Scan# 3947
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07

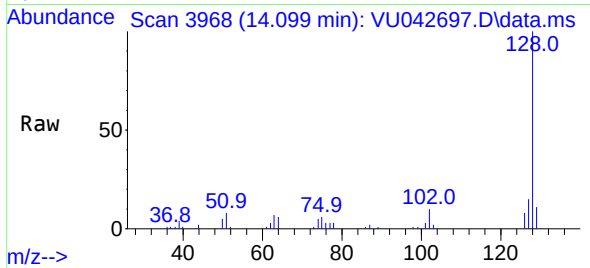


Tgt Ion:225 Resp: 9488
Ion Ratio Lower Upper
225 100
223 66.0 49.7 74.5
227 65.7 50.5 75.7

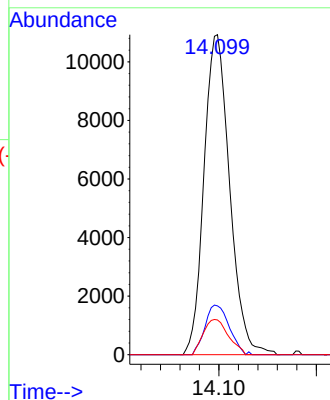
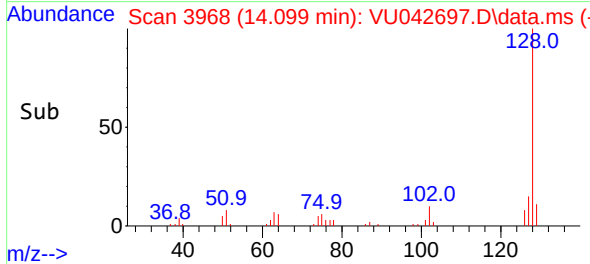




#89
Naphthalene
Concen: 2.05 ug/l
RT: 14.099 min Scan# 3968
Delta R.T. 0.001 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07



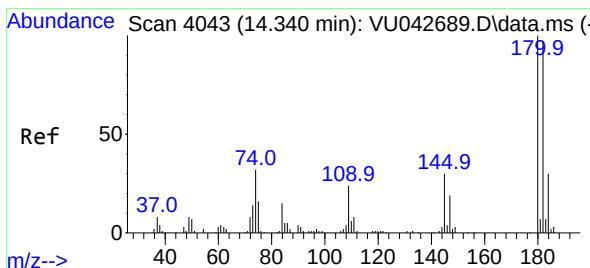
Tgt Ion:	128	Resp:	19990
Ion Ratio	100	Lower	Upper
127	14.6	11.1	16.7
129	10.8	8.6	12.8



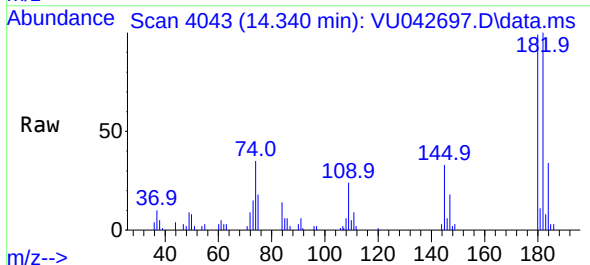
Instrument :
MSVOA_U
ClientSampleId :
VU0317WBSD01

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#90
1,2,3-Trichlorobenzene
Concen: 1.72 ug/l
RT: 14.340 min Scan# 4043
Delta R.T. 0.000 min
Lab File: VU042697.D
Acq: 17 Mar 2021 19:07



Tgt Ion:	180	Resp:	12264
Ion Ratio	100	Lower	Upper
182	101.5	77.0	115.4
145	34.1	23.4	35.0

