

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040821\
 Data File : VU042983.D
 Acq On : 08 Apr 2021 10:53
 Operator : SY/MD
 Sample : VSTD00535
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 09 01:32:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM040821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 09 01:31:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	167098	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	159535	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	82751	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	6913	6.79	ug/L	0.00
7) Chloroethane-d5	1.912	69	5078	5.99	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	13861	6.02	ug/L	0.00
21) 2-Butanone-d5	4.639	46	13792	10.25	ug/L	0.01
24) Chloroform-d	5.076	84	13485	5.67	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	10618	5.92	ug/L	0.00
32) Benzene-d6	5.735	84	23500	5.72	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	8210	5.83	ug/L	0.00
41) Toluene-d8	7.906	98	24016	5.87	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.192	79	3818	5.17	ug/L	0.00
47) 2-Hexanone-d5	8.642	63	8607	9.89	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.764	84	12335	5.20	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.201	152	9558	5.69	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	7318	5.54	ug/L	92
3) Chloromethane	1.523	50	7752	5.77	ug/L	98
5) Vinyl chloride	1.607	62	7449	5.90	ug/L #	1
6) Bromomethane	1.855	94	4513	5.79	ug/L	85
8) Chloroethane	1.935	64	4905	5.95	ug/L #	76
9) Trichlorofluoromethane	2.141	101	11930	5.70	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	6622	5.95	ug/L	99
12) 1,1-Dichloroethene	2.588	96	5732	5.67	ug/L	100
13) Acetone	2.633	43	12400	10.98	ug/L	96
14) Carbon disulfide	2.800	76	18363	5.70	ug/L	95
15) Methyl Acetate	2.957	43	10973	5.79	ug/L	99
16) Methylene chloride	3.051	84	6816	5.67	ug/L	93
17) trans-1,2-Dichloroethene	3.359	96	6096	5.52	ug/L	97
18) Methyl tert-butyl Ether	3.375	73	21654	5.67	ug/L	98
19) 1,1-Dichloroethane	3.880	63	12989	5.79	ug/L	97
20) cis-1,2-Dichloroethene	4.678	96	6643	5.42	ug/L	96
22) 2-Butanone	4.719	43	17470	11.08	ug/L	97
23) Bromochloromethane	4.989	128	3764	5.73	ug/L	93
25) Chloroform	5.099	83	13311	5.70	ug/L	98
27) 1,2-Dichloroethane	5.806	62	12699	5.98	ug/L	97
29) Cyclohexane	5.401	56	10983	5.48	ug/L #	94
30) 1,1,1-Trichloroethane	5.324	97	12141	5.92	ug/L	97
31) Carbon tetrachloride	5.536	117	10509	6.01	ug/L	99
33) Benzene	5.784	78	27076	5.93	ug/L	100
34) Trichloroethene	6.552	95	6806	5.51	ug/L	93
35) Methylcyclohexane	6.771	83	10619	5.65	ug/L	98
37) 1,2-Dichloropropane	6.803	63	7686	5.98	ug/L	99
38) Bromodichloromethane	7.115	83	9915	5.75	ug/L	95
39) cis-1,3-Dichloropropene	7.620	75	10494	5.33	ug/L	96
40) 4-Methyl-2-pentanone	7.803	43	30073	10.89	ug/L	100
42) Toluene	7.976	91	28701	5.61	ug/L	99
44) trans-1,3-Dichloropropene	8.221	75	10628	5.32	ug/L	96

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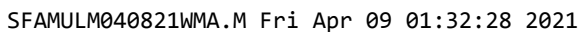
Instrument :
 MSVOA_U
 ClientSampleId :

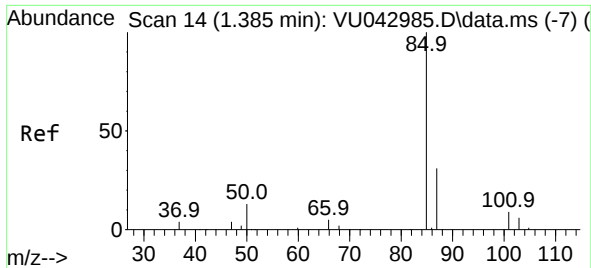
Quant Time: Apr 09 01:32:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM040821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 09 01:31:23 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.411	97	6913	5.80	ug/L	91
46) Tetrachloroethene	8.562	164	5591	5.60	ug/L	93
48) 2-Hexanone	8.693	43	24500	10.50	ug/L	98
49) Dibromochloromethane	8.819	129	7929	5.56	ug/L	90
50) 1,2-Dibromoethane	8.931	107	7775	5.72	ug/L	98
51) Chlorobenzene	9.456	112	17957	5.56	ug/L	94
52) Ethylbenzene	9.578	91	30673	5.32	ug/L	98
53) m,p-Xylene	9.700	106	11150	5.24	ug/L	90
54) o-xylene	10.108	106	10733	5.02	ug/L	99
55) Styrene	10.121	104	17826	4.85	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.790	83	12710	5.38	ug/L	99
59) Bromoform	10.298	173	6074	5.22	ug/L #	97
60) 1,2,3-Trichloropropane	10.832	75	11126	5.84	ug/L	97
61) Isopropylbenzene	10.491	105	29404	5.40	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	23693	5.07	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	24869	5.25	ug/L	100
64) 1,3-Dichlorobenzene	11.754	146	15171	5.73	ug/L	97
65) 1,4-Dichlorobenzene	11.844	146	15585	5.92	ug/L	96
67) 1,2-Dichlorobenzene	12.221	146	15870	5.96	ug/L	94
68) 1,2-Dibromo-3-chloropr...	13.005	75	3791	6.11	ug/L #	84
69) 1,3,5-Trichlorobenzene	13.227	180	11582	5.79	ug/L	99
70) 1,2,4-trichlorobenzene	13.851	180	9580	6.05	ug/L	96
71) Naphthalene	14.095	128	25754	5.45	ug/L	98
72) 1,2,3-Trichlorobenzene	14.340	180	9721	6.29	ug/L	98

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

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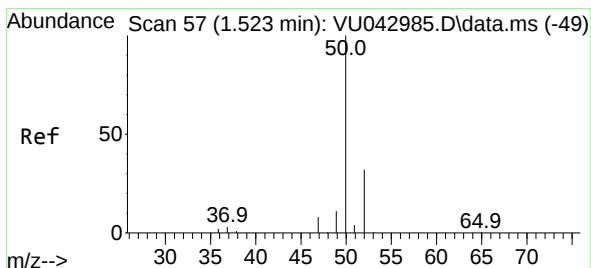
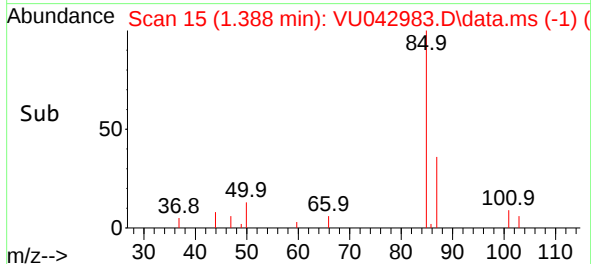
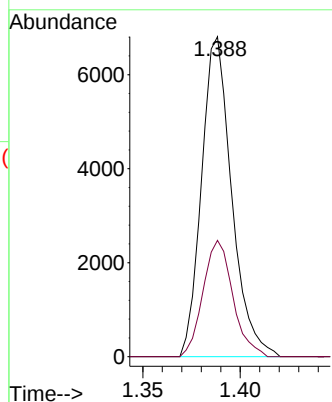
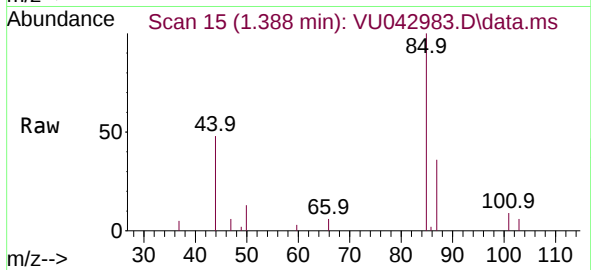




#2
Dichlorodifluoromethane
Concen: 5.54 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.003 min
Lab File: VU042983.D
Acq: 08 Apr 2021 10:53

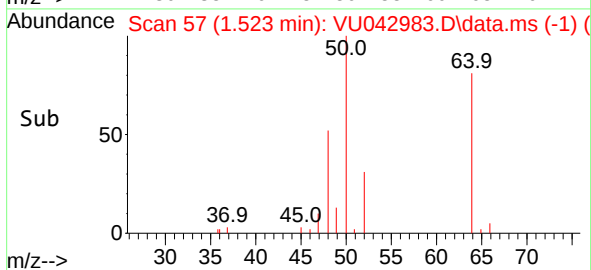
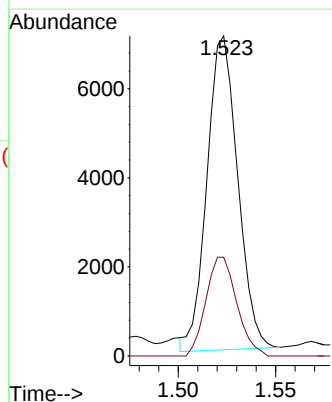
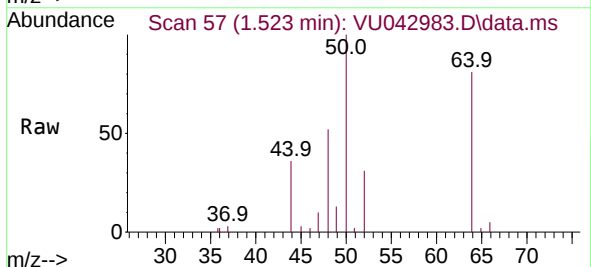
Instrument :
MSVOA_U
ClientSampled :

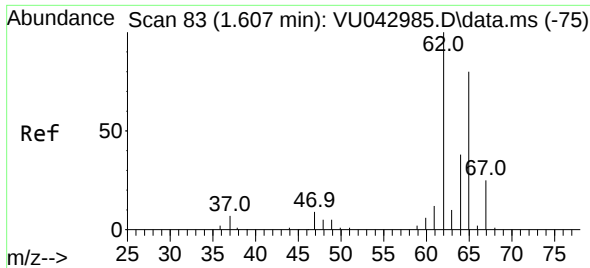
Tgt Ion: 85 Resp: 7318
Ion Ratio Lower Upper
85 100
87 35.9 25.4 38.0



#3
Chloromethane
Concen: 5.77 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042983.D
Acq: 08 Apr 2021 10:53

Tgt Ion: 50 Resp: 7752
Ion Ratio Lower Upper
50 100
52 30.8 22.2 41.2

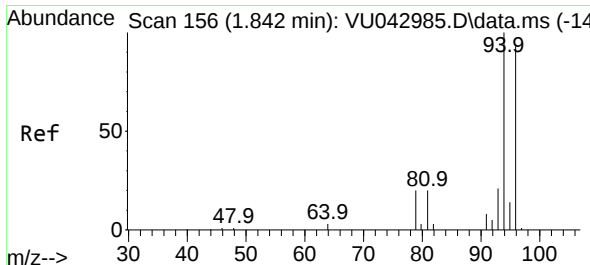
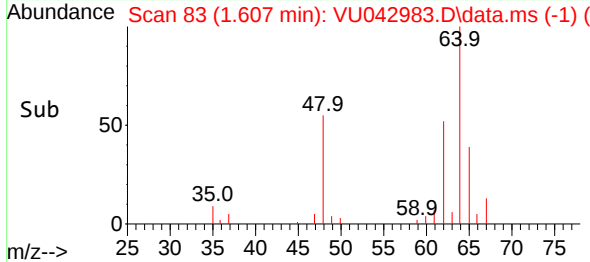
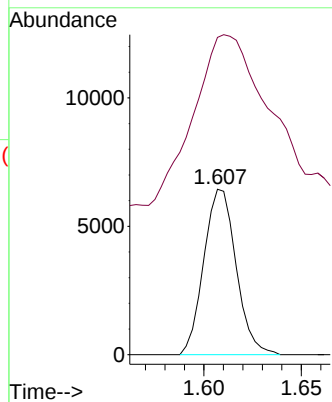
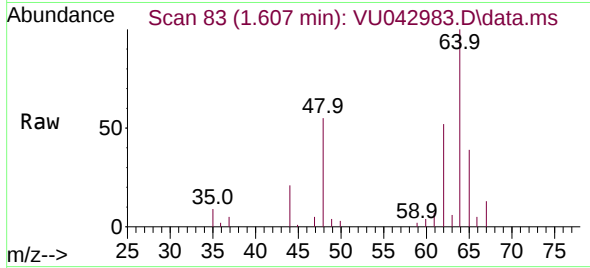




#5
 Vinyl chloride
 Concen: 5.90 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU042983.D
 Acq: 08 Apr 2021 10:53

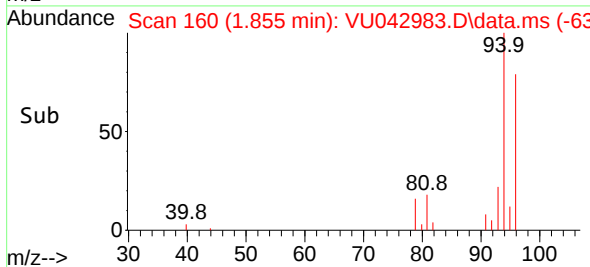
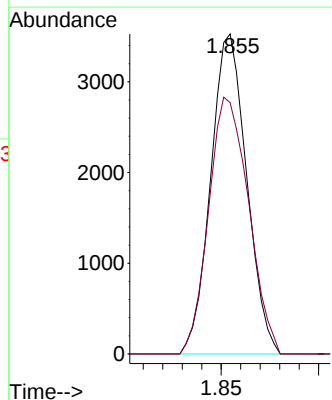
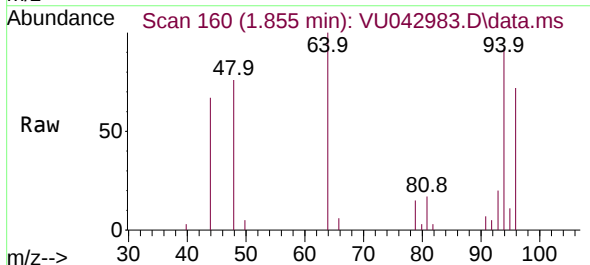
Instrument :
 MSVOA_U
 ClientSampled :

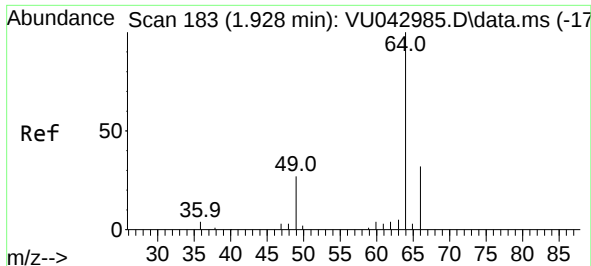
Tgt Ion: 62 Resp: 7449
 Ion Ratio Lower Upper
 62 100
 64 191.8 37.8 70.2#



#6
 Bromomethane
 Concen: 5.79 ug/L
 RT: 1.855 min Scan# 160
 Delta R.T. 0.013 min
 Lab File: VU042983.D
 Acq: 08 Apr 2021 10:53

Tgt Ion: 94 Resp: 4513
 Ion Ratio Lower Upper
 94 100
 96 78.6 65.4 121.4

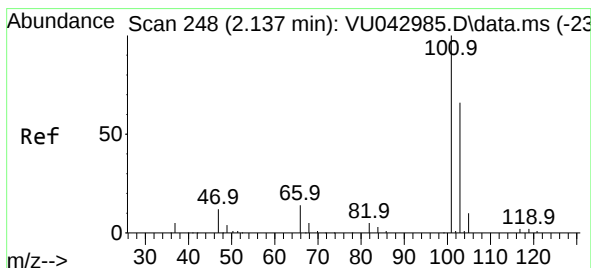
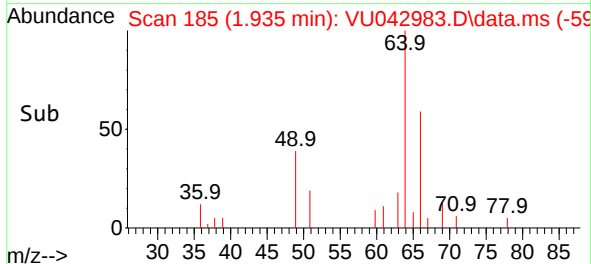
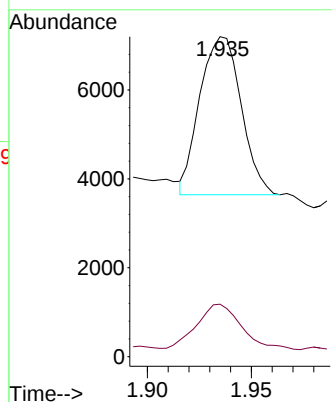
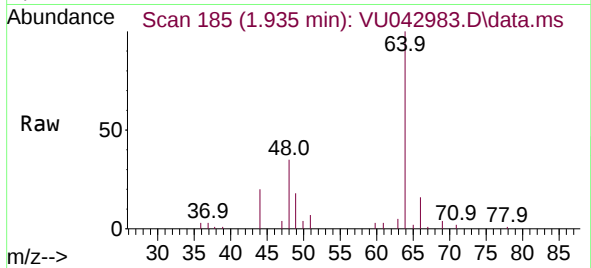




#8
Chloroethane
Concen: 5.95 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.006 min
Lab File: VU042983.D
Acq: 08 Apr 2021 10:53

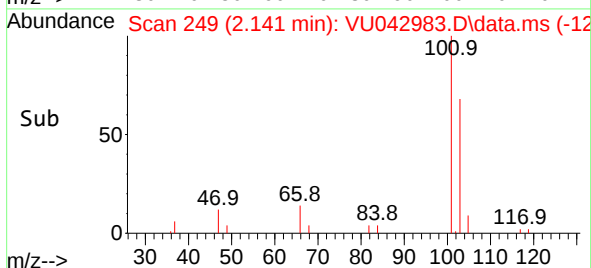
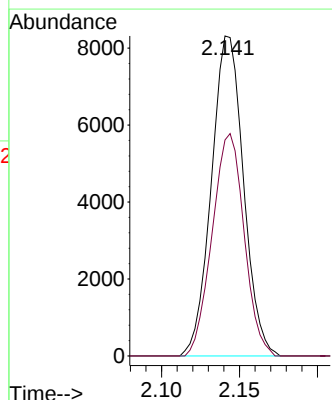
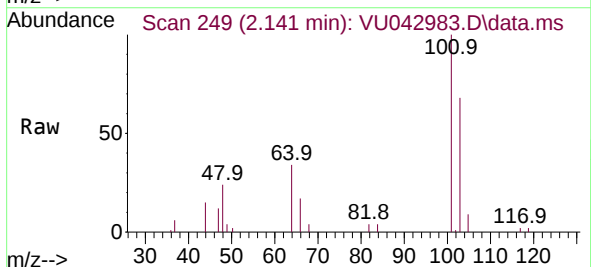
Instrument :
MSVOA_U
ClientSampleId :

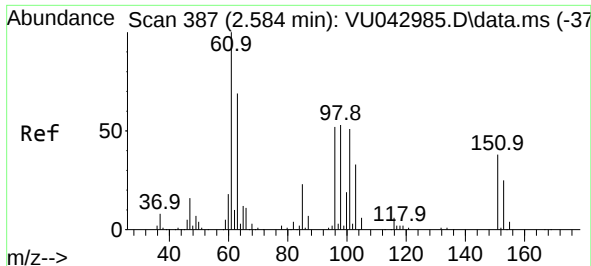
Tgt Ion: 64 Resp: 4905
Ion Ratio Lower Upper
64 100
66 16.4 20.3 37.7#



#9
Trichlorofluoromethane
Concen: 5.70 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.003 min
Lab File: VU042983.D
Acq: 08 Apr 2021 10:53

Tgt Ion:101 Resp: 11930
Ion Ratio Lower Upper
101 100
103 69.0 52.5 78.7





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.95 ug/L

RT: 2.584 min Scan# 387

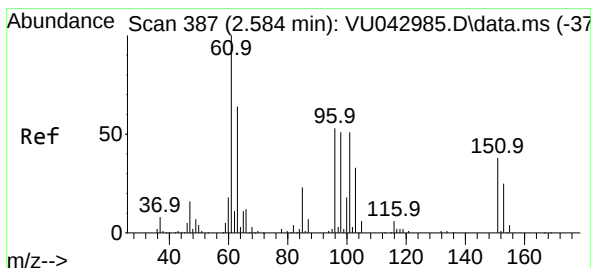
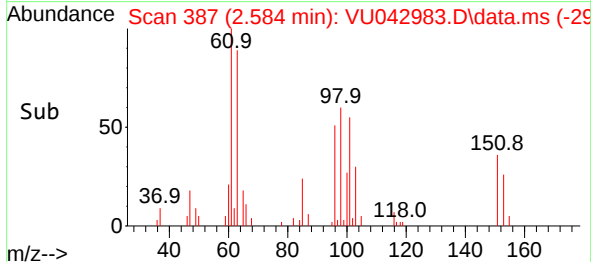
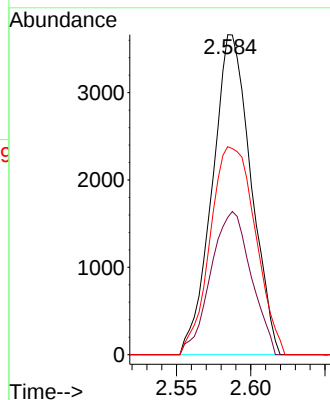
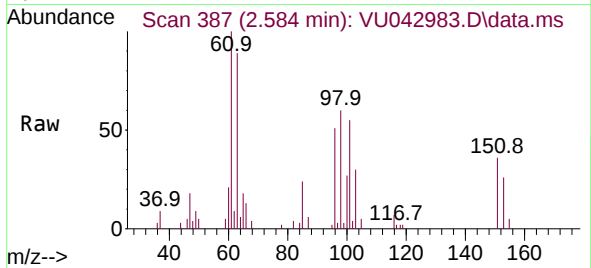
Delta R.T. 0.000 min

Lab File: VU042983.D

Acq: 08 Apr 2021 10:53

Tgt Ion:	101	Resp:	6622
Ion	Ratio	Lower	Upper
101	100		
85	46.8	36.9	55.3
151	76.1	61.1	91.7

Instrument :
MSVOA_U
ClientSampled :



#12

1,1-Dichloroethene

Concen: 5.67 ug/L

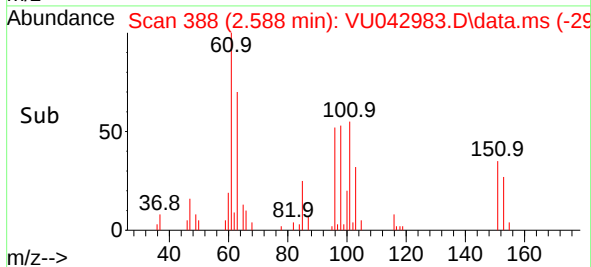
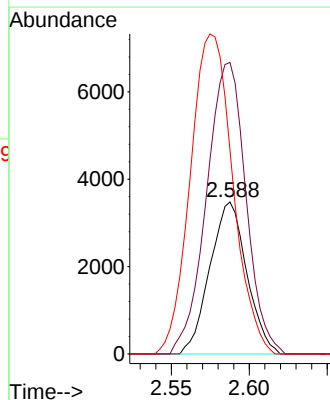
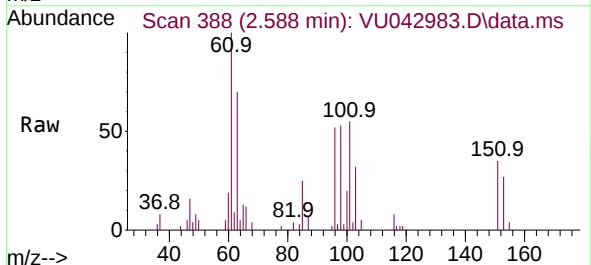
RT: 2.588 min Scan# 388

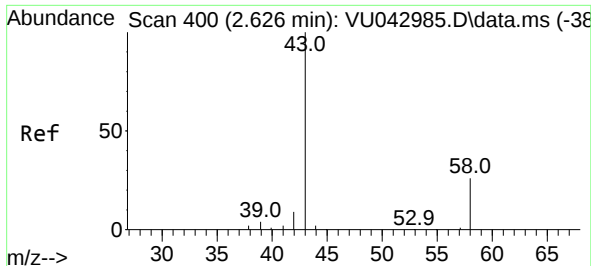
Delta R.T. 0.003 min

Lab File: VU042983.D

Acq: 08 Apr 2021 10:53

Tgt Ion:	96	Resp:	5732
Ion	Ratio	Lower	Upper
96	100		
61	191.7	134.8	250.3
63	134.1	94.1	174.7

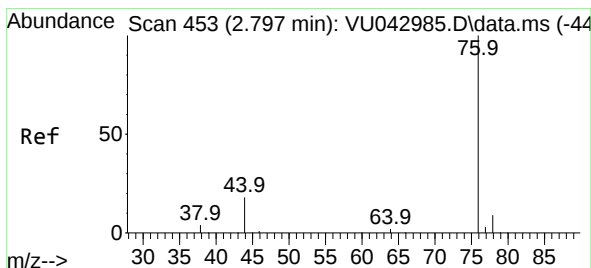
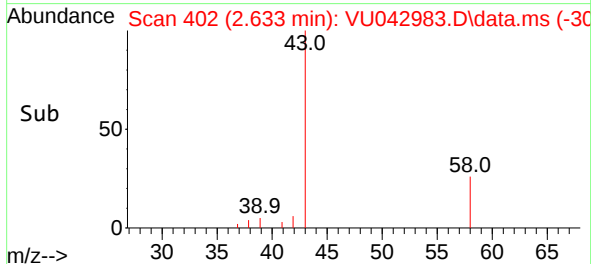
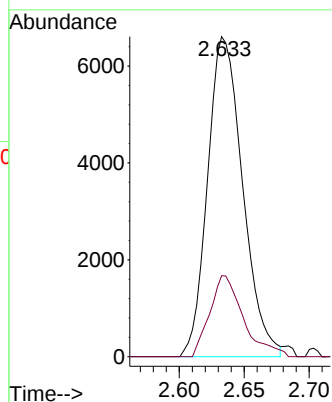
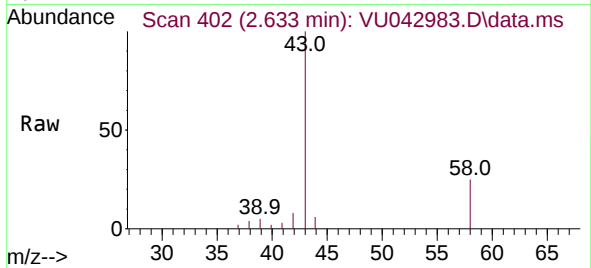




#13
Acetone
Concen: 10.98 ug/L
RT: 2.633 min Scan# 402
Delta R.T. 0.006 min
Lab File: VU042983.D
Acq: 08 Apr 2021 10:53

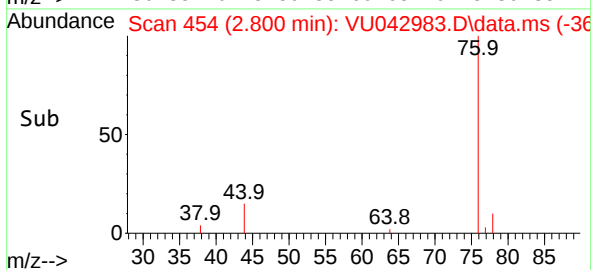
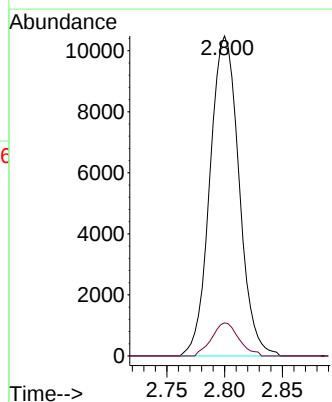
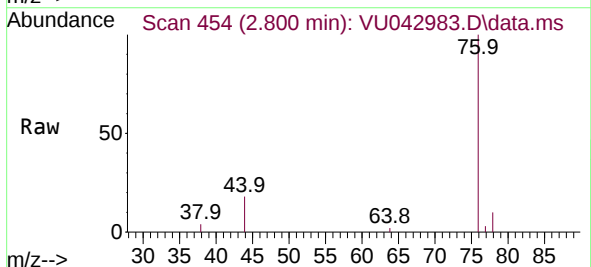
Instrument :
MSVOA_U
ClientSampled :

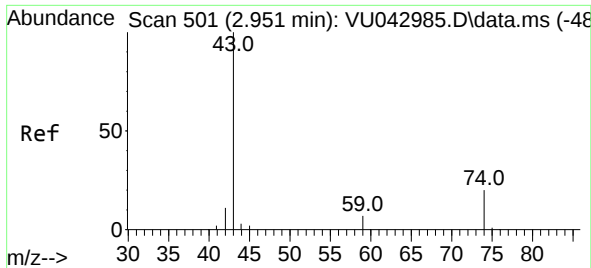
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Ion Ratio Lower Upper
43 100
58 24.2 0.0 52.4



#14
Carbon disulfide
Concen: 5.70 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.003 min
Lab File: VU042983.D
Acq: 08 Apr 2021 10:53

Tgt Ion: 76 Resp: 18363
Ion Ratio Lower Upper
76 100
78 10.3 7.0 10.4

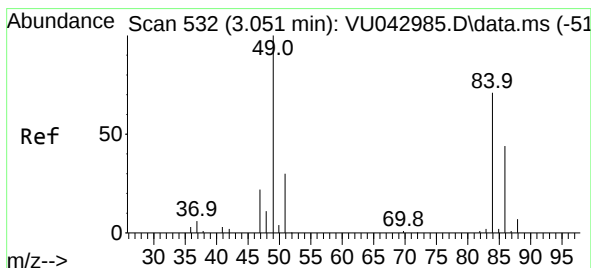
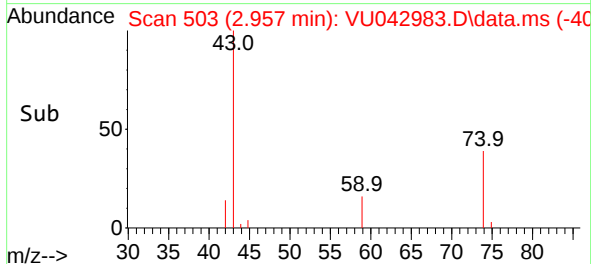
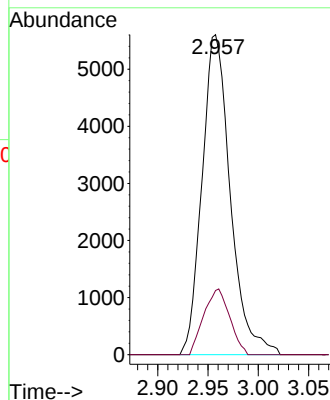
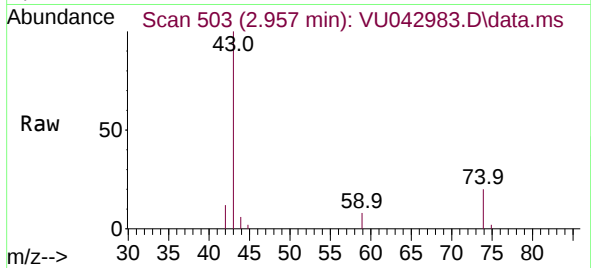




#15
Methyl Acetate
Concen: 5.79 ug/L
RT: 2.957 min Scan# 503
Delta R.T. 0.006 min
Lab File: VU042983.D
Acq: 08 Apr 2021 10:53

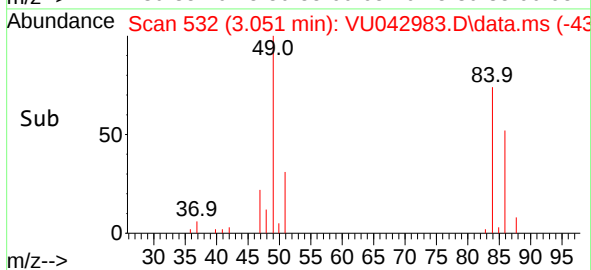
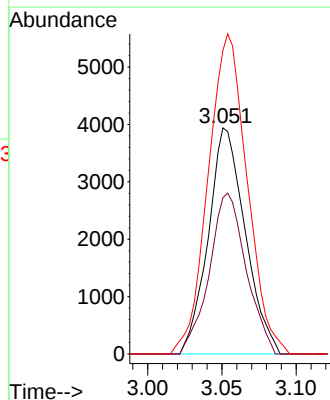
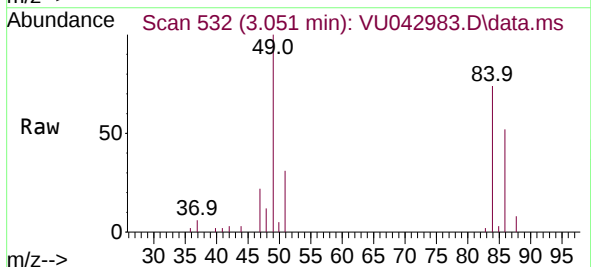
Instrument :
MSVOA_U
ClientSampled :

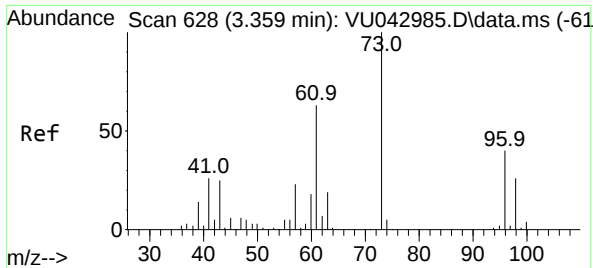
Tgt Ion: 43 Resp: 10973
Ion Ratio Lower Upper
43 100
74 18.7 15.4 23.2



#16
Methylene chloride
Concen: 5.67 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU042983.D
Acq: 08 Apr 2021 10:53

Tgt Ion: 84 Resp: 6816
Ion Ratio Lower Upper
84 100
86 69.2 43.9 81.5
49 134.3 99.1 184.1

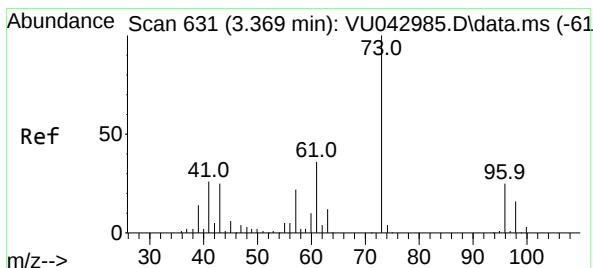
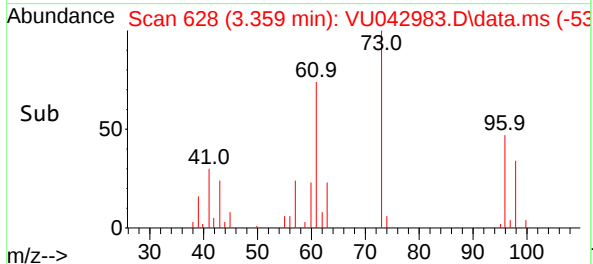
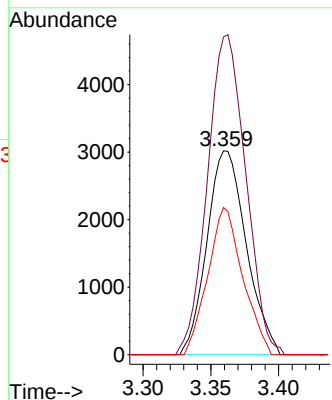
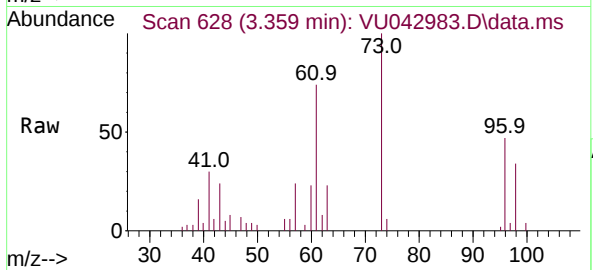




#17
trans-1,2-Dichloroethene
Concen: 5.52 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU042983.D
Acq: 08 Apr 2021 10:53

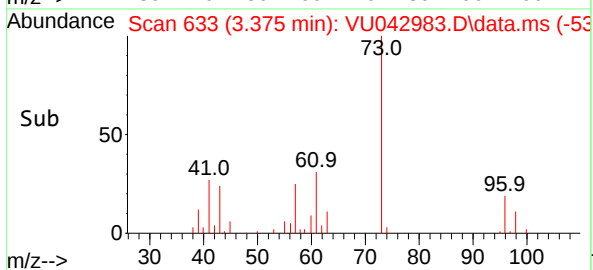
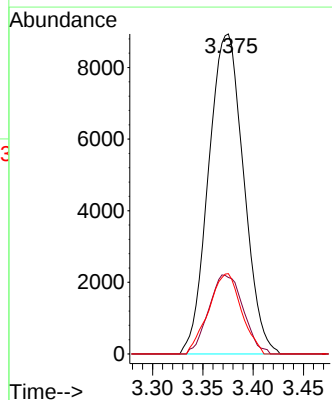
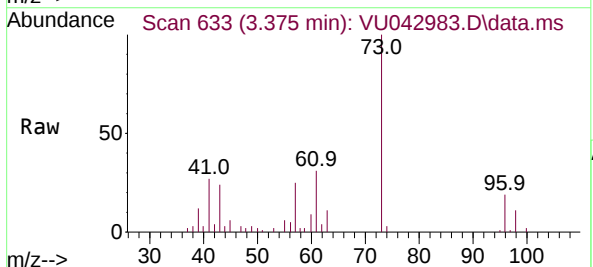
Instrument :
MSVOA_U
ClientSampled :

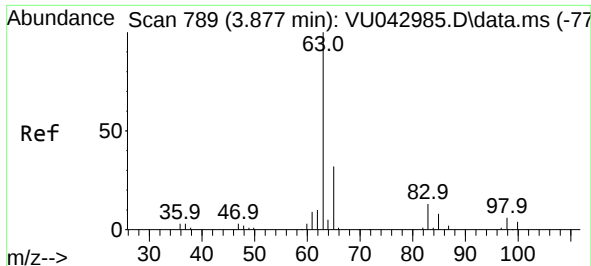
Tgt Ion:	96	Resp:	6096
Ion	Ratio	Lower	Upper
96	100		
61	155.9	109.3	202.9
98	72.2	45.4	84.2



#18
Methyl tert-butyl Ether
Concen: 5.67 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.006 min
Lab File: VU042983.D
Acq: 08 Apr 2021 10:53

Tgt Ion:	73	Resp:	21654
Ion	Ratio	Lower	Upper
73	100		
43	24.2	20.2	30.4
57	23.4	18.0	27.0





#19

1,1-Dichloroethane

Concen: 5.79 ug/L

RT: 3.880 min Scan# 790

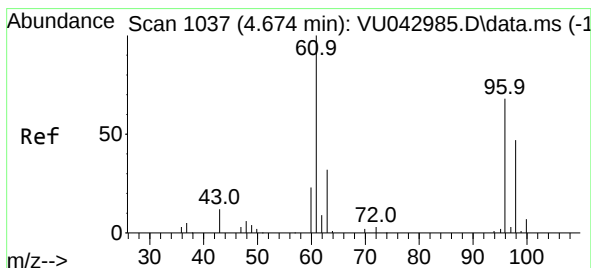
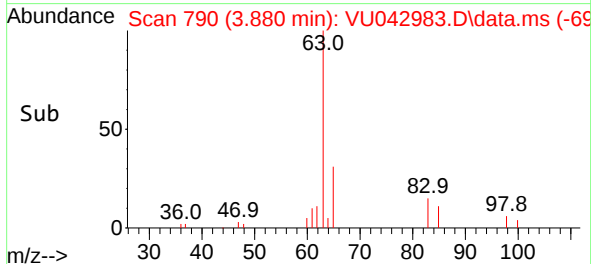
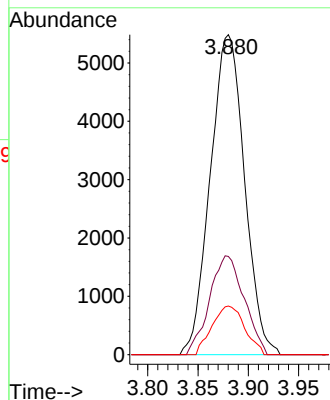
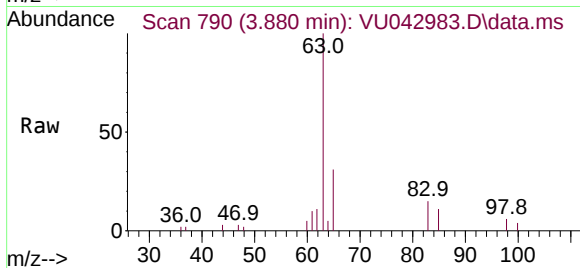
Delta R.T. 0.003 min

Lab File: VU042983.D

Acq: 08 Apr 2021 10:53

Tgt Ion: 63	Resp: 12989
Ion Ratio	Lower Upper
63 100	
65 30.7	22.5 41.7
83 15.2	9.3 17.3

Instrument :
MSVOA_U
ClientSampled :



#20

cis-1,2-Dichloroethene

Concen: 5.42 ug/L

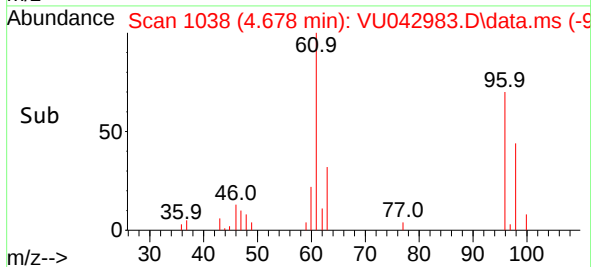
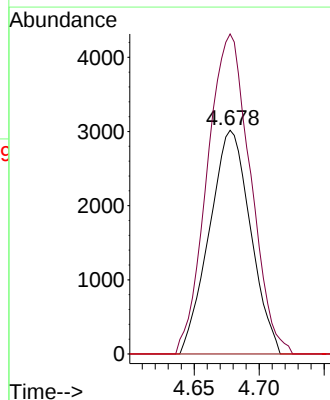
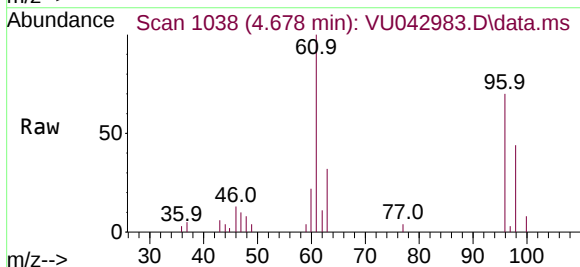
RT: 4.678 min Scan# 1038

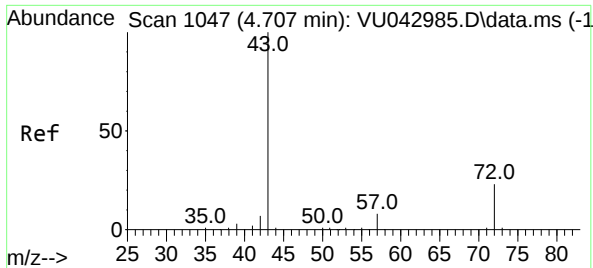
Delta R.T. 0.003 min

Lab File: VU042983.D

Acq: 08 Apr 2021 10:53

Tgt Ion: 96	Resp: 6643
Ion Ratio	Lower Upper
96 100	
61 143.0	103.3 191.9
68 0.0	0.0 0.0

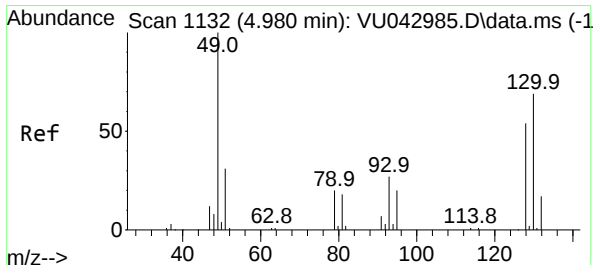
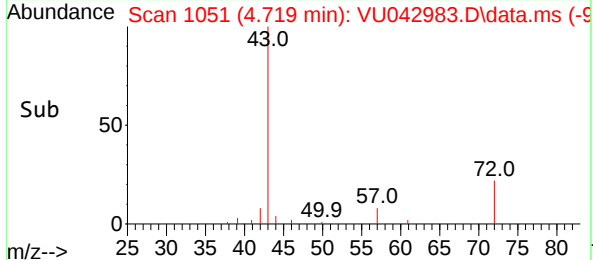
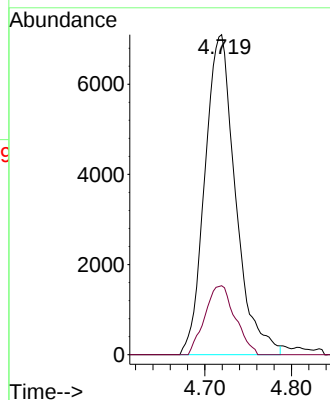
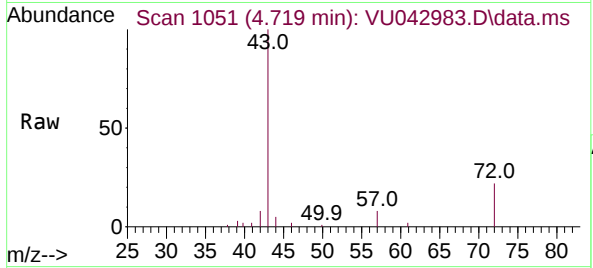




#22
2-Butanone
Concen: 11.08 ug/L
RT: 4.719 min Scan# 1051
Delta R.T. 0.013 min
Lab File: VU042983.D
Acq: 08 Apr 2021 10:53

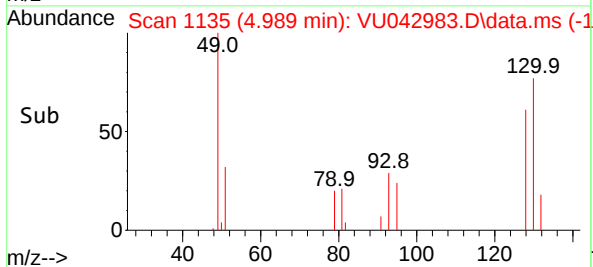
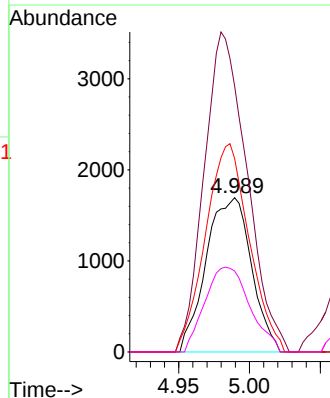
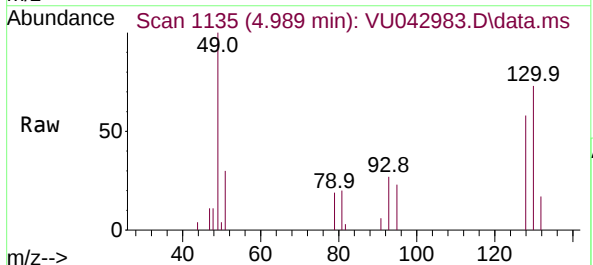
Instrument :
MSVOA_U
ClientSampled :

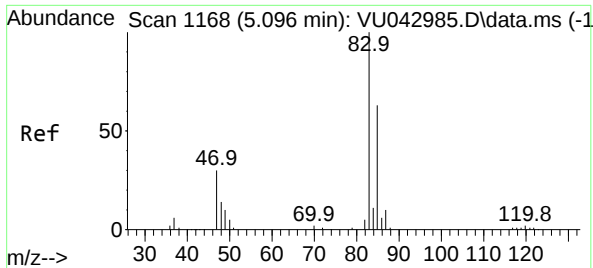
Tgt Ion: 43 Resp: 17470
Ion Ratio Lower Upper
43 100
72 21.2 11.3 33.9



#23
Bromochloromethane
Concen: 5.73 ug/L
RT: 4.989 min Scan# 1135
Delta R.T. 0.010 min
Lab File: VU042983.D
Acq: 08 Apr 2021 10:53

Tgt Ion: 128 Resp: 3764
Ion Ratio Lower Upper
128 100
49 172.6 130.8 242.8
130 125.5 89.8 166.8
51 52.5 46.3 69.5





#25

Chloroform

Concen: 5.70 ug/L

RT: 5.099 min Scan# 1169

Delta R.T. 0.003 min

Lab File: VU042983.D

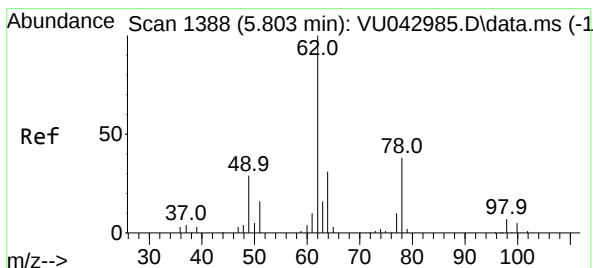
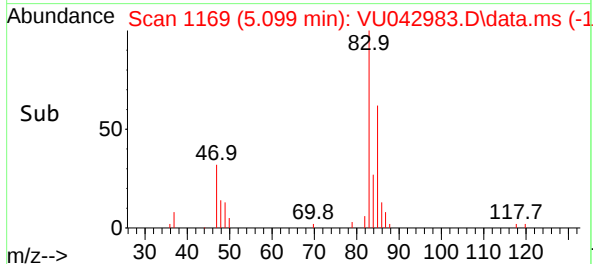
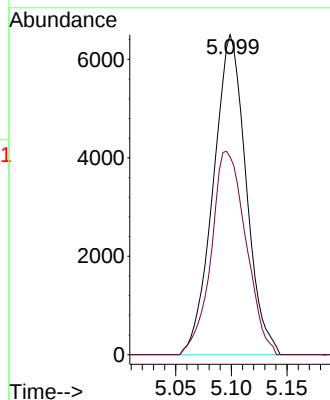
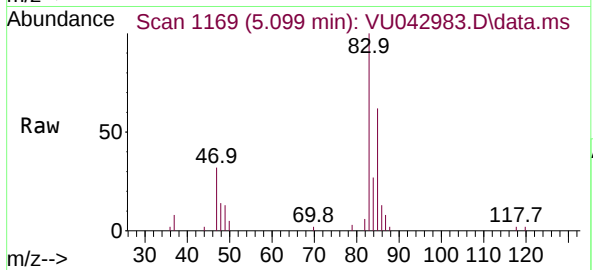
Acq: 08 Apr 2021 10:53

Tgt Ion: 83 Resp: 13311

Ion Ratio Lower Upper

83 100

85 61.8 44.2 82.2



#27

1,2-Dichloroethane

Concen: 5.98 ug/L

RT: 5.806 min Scan# 1389

Delta R.T. 0.003 min

Lab File: VU042983.D

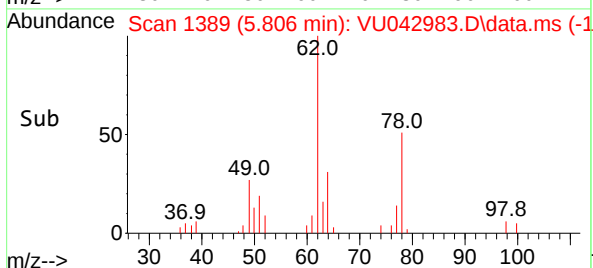
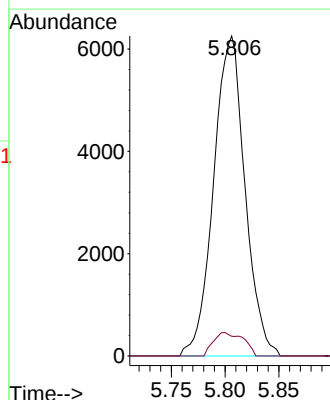
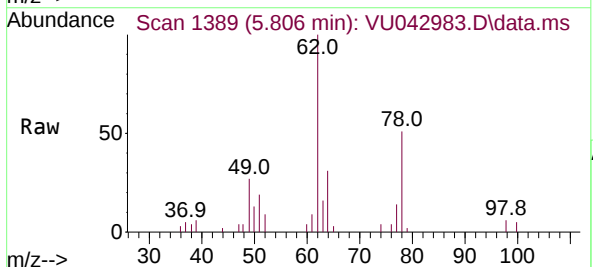
Acq: 08 Apr 2021 10:53

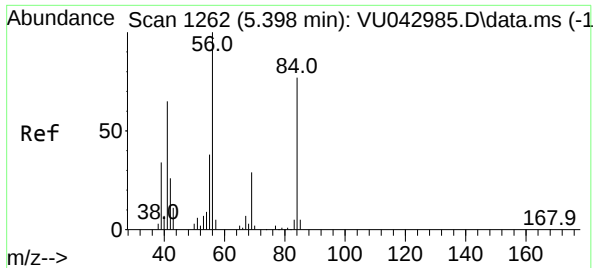
Tgt Ion: 62 Resp: 12699

Ion Ratio Lower Upper

62 100

98 6.1 5.6 8.4





#29

Cyclohexane

Concen: 5.48 ug/L

RT: 5.401 min Scan# 1263

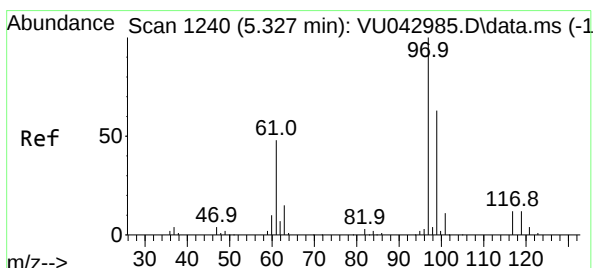
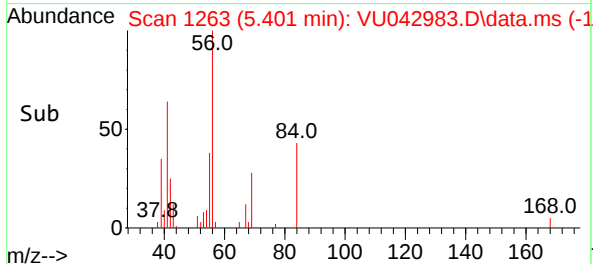
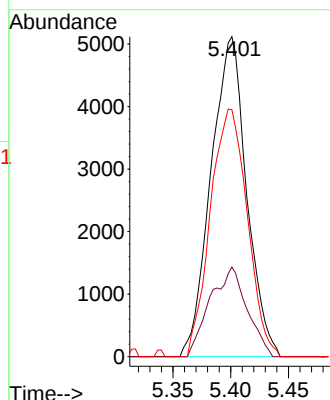
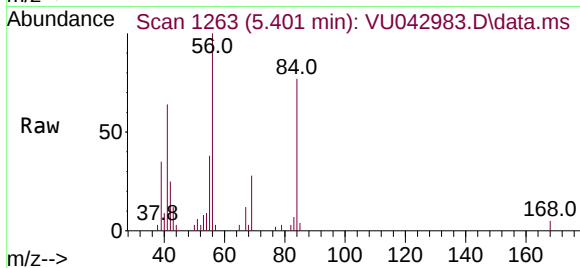
Delta R.T. 0.003 min

Lab File: VU042983.D

Acq: 08 Apr 2021 10:53

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:	56	Resp:	10983
Ion	Ratio	Lower	Upper
56	100		
69	18.0	22.7	34.1#
84	80.2	63.1	94.7



#30

1,1,1-Trichloroethane

Concen: 5.92 ug/L

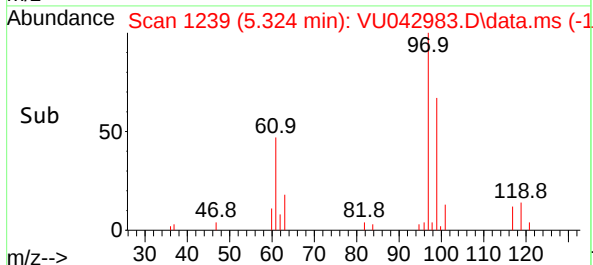
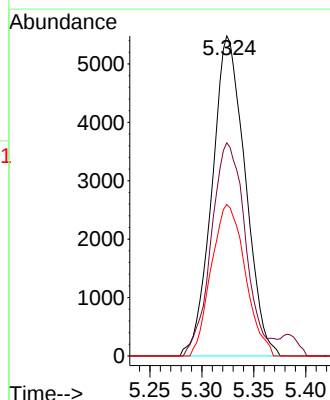
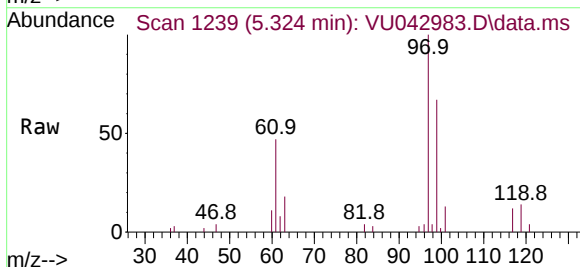
RT: 5.324 min Scan# 1239

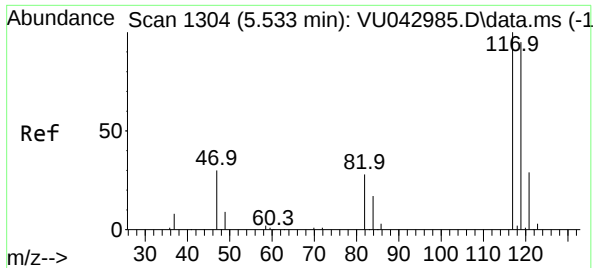
Delta R.T. -0.003 min

Lab File: VU042983.D

Acq: 08 Apr 2021 10:53

Tgt Ion:	97	Resp:	12141
Ion	Ratio	Lower	Upper
97	100		
99	68.0	51.5	77.3
61	48.4	39.0	58.6

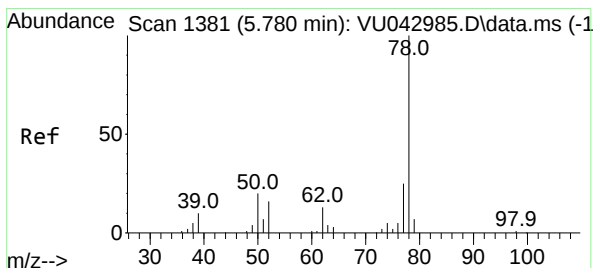
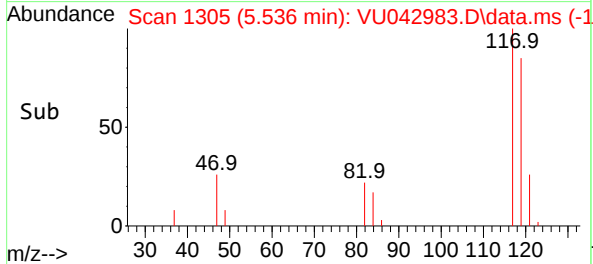
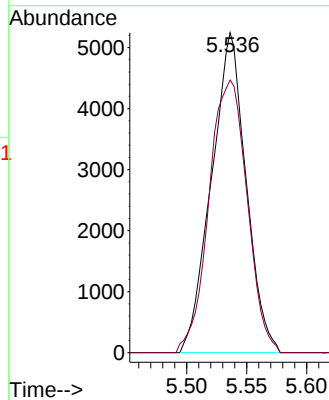
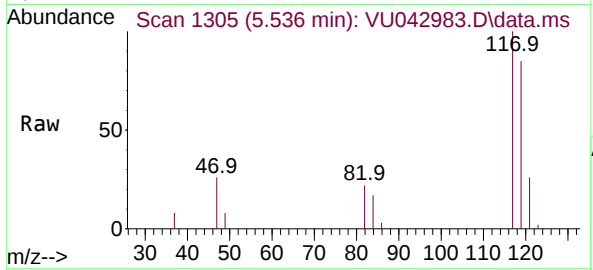




#31
Carbon tetrachloride
Concen: 6.01 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. 0.003 min
Lab File: VU042983.D
Acq: 08 Apr 2021 10:53

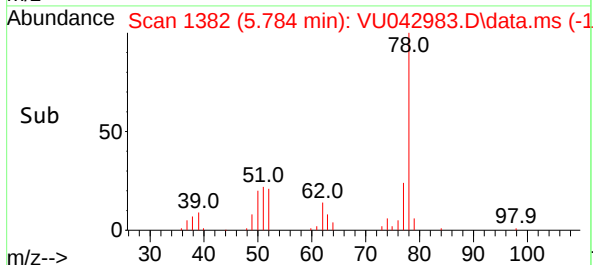
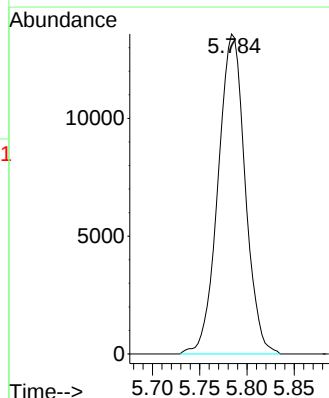
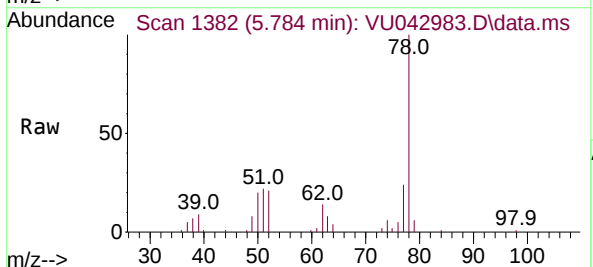
Instrument :
MSVOA_U
ClientSampled :

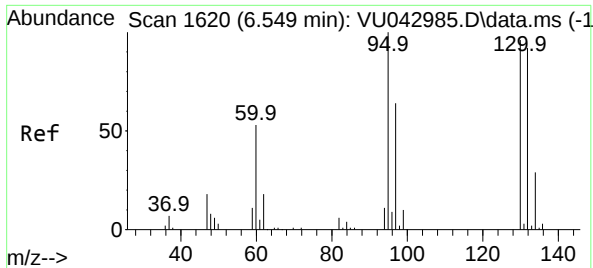
Tgt Ion:117 Resp: 10509
Ion Ratio Lower Upper
117 100
119 93.8 76.2 114.2



#33
Benzene
Concen: 5.93 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.003 min
Lab File: VU042983.D
Acq: 08 Apr 2021 10:53

Tgt Ion: 78 Resp: 27076



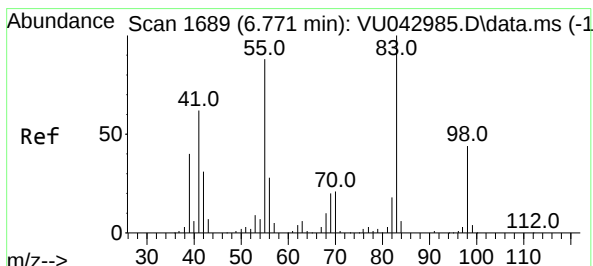
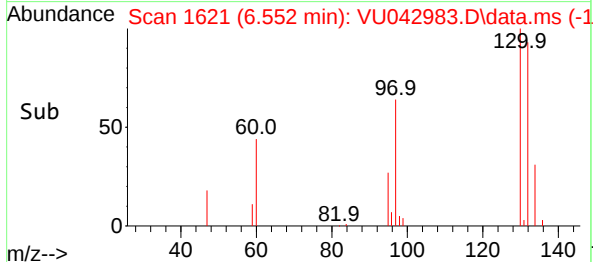
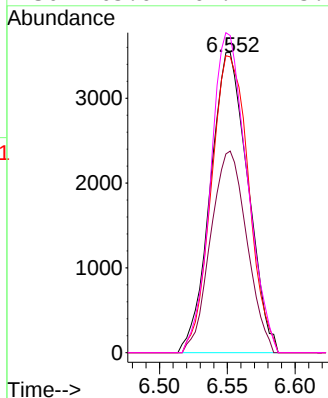
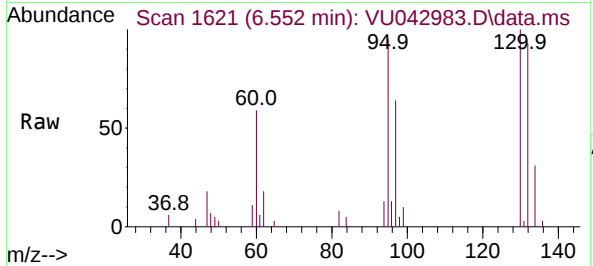


#34
Trichloroethene
Concen: 5.51 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU042983.D
Acq: 08 Apr 2021 10:53

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 95 Resp: 6806

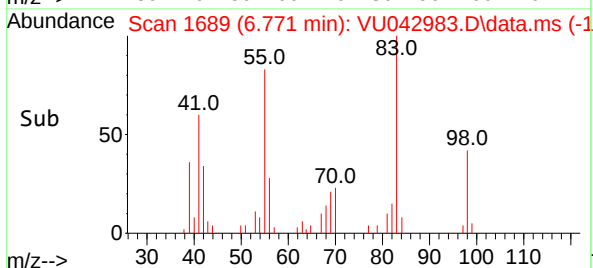
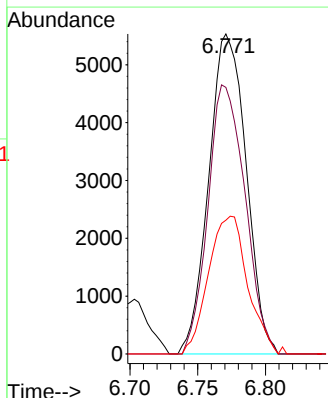
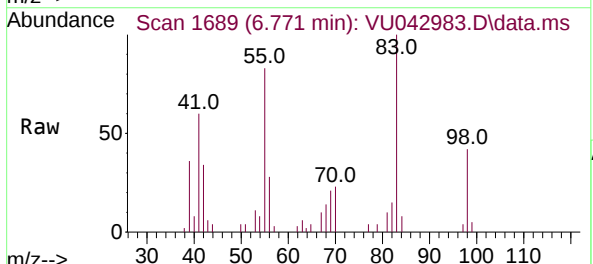
Ion	Ratio	Lower	Upper
95	100		
97	67.1	45.1	83.9
132	98.6	64.4	119.6
130	105.6	67.4	125.2

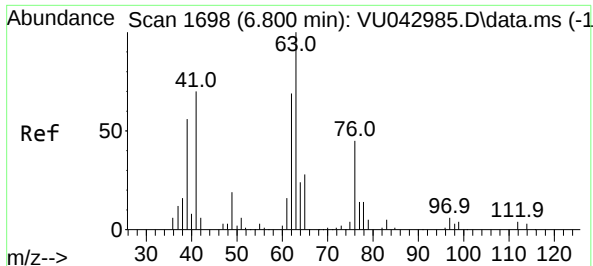


#35
Methylcyclohexane
Concen: 5.65 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU042983.D
Acq: 08 Apr 2021 10:53

Tgt Ion: 83 Resp: 10619

Ion	Ratio	Lower	Upper
83	100		
55	83.5	69.1	103.7
98	45.0	36.1	54.1



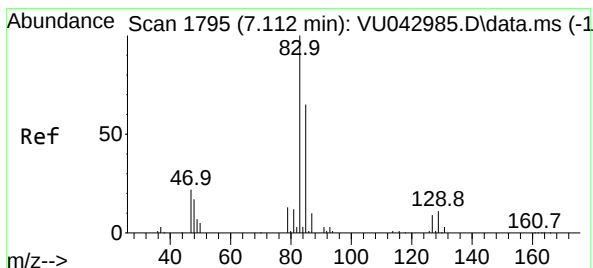
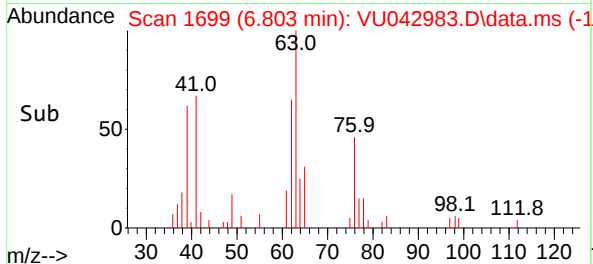
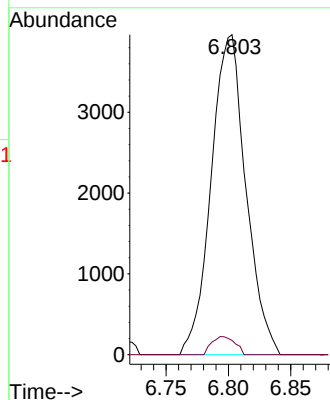
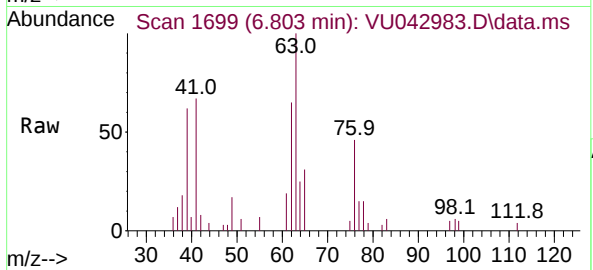


#37

1,2-Dichloropropane
Concen: 5.98 ug/L
RT: 6.803 min Scan# 1699
Delta R.T. 0.003 min
Lab File: VU042983.D
Acq: 08 Apr 2021 10:53

Instrument :
MSVOA_U
ClientSampled :

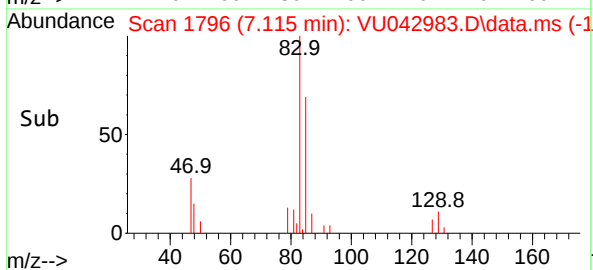
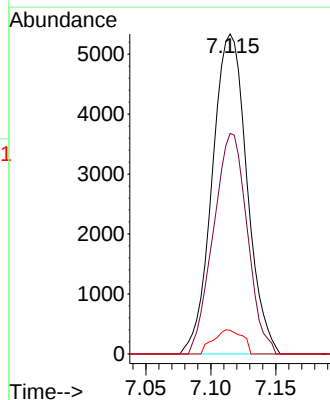
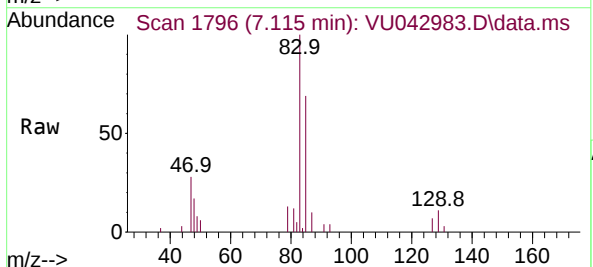
Tgt Ion: 63 Resp: 7686
Ion Ratio Lower Upper
63 100
112 3.8 2.8 4.2

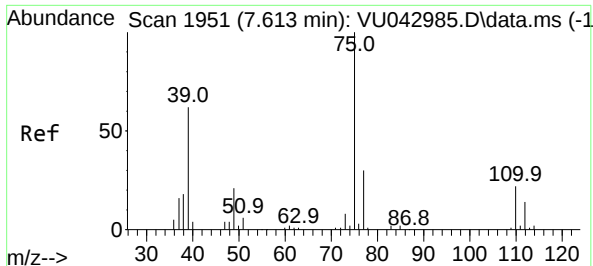


#38

Bromodichloromethane
Concen: 5.75 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.003 min
Lab File: VU042983.D
Acq: 08 Apr 2021 10:53

Tgt Ion: 83 Resp: 9915
Ion Ratio Lower Upper
83 100
85 68.9 45.3 84.1
127 7.4 7.3 10.9



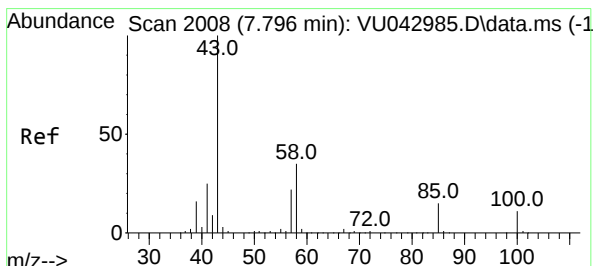
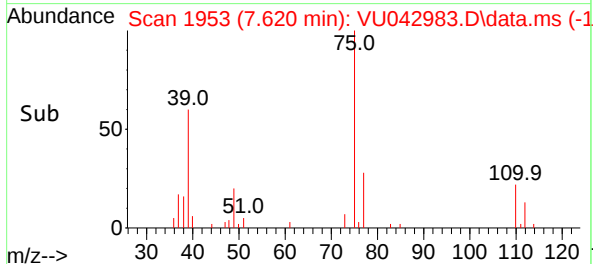
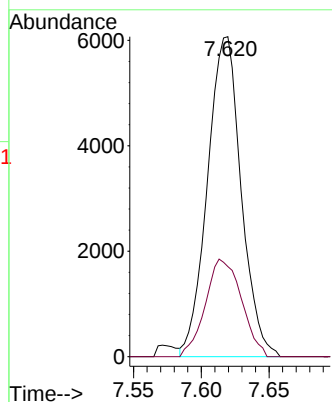
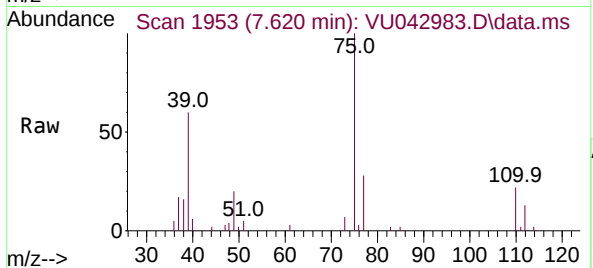


#39

cis-1,3-Dichloropropene
Concen: 5.33 ug/L
RT: 7.620 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VU042983.D
Acq: 08 Apr 2021 10:53

Instrument :
MSVOA_U
ClientSampled :

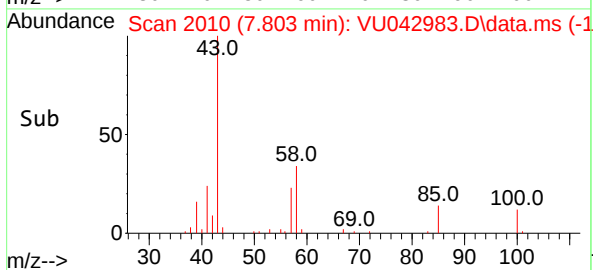
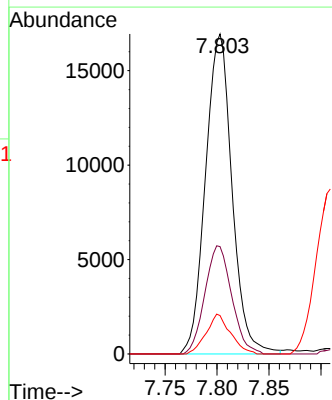
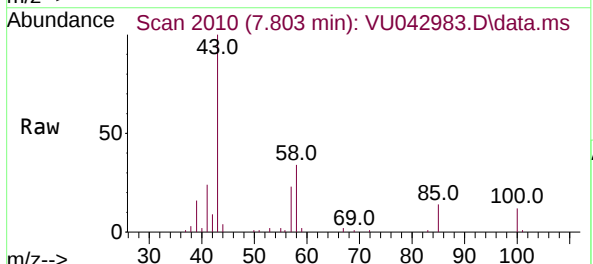
Tgt Ion: 75 Resp: 10494
Ion Ratio Lower Upper
75 100
77 28.2 21.1 39.1

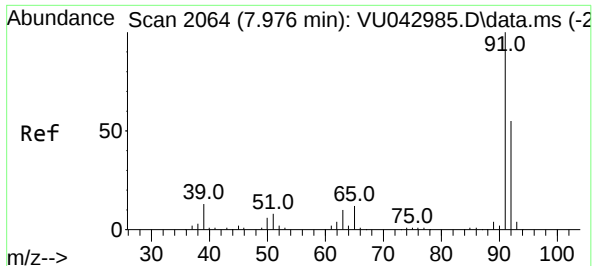


#40

4-Methyl-2-pentanone
Concen: 10.89 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. 0.006 min
Lab File: VU042983.D
Acq: 08 Apr 2021 10:53

Tgt Ion: 43 Resp: 30073
Ion Ratio Lower Upper
43 100
58 34.1 27.2 40.8
100 11.4 9.1 13.7





#42

Toluene

Concen: 5.61 ug/L

RT: 7.976 min Scan# 2064

Delta R.T. 0.000 min

Lab File: VU042983.D

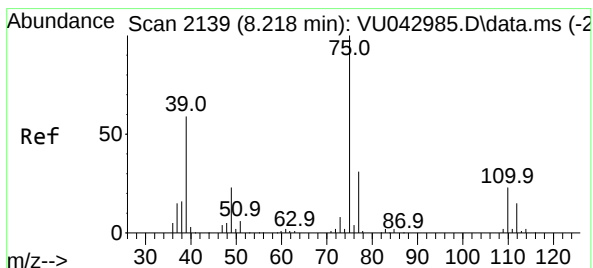
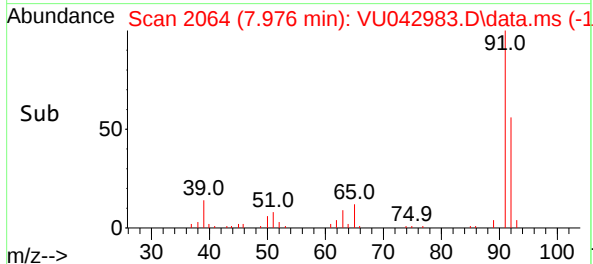
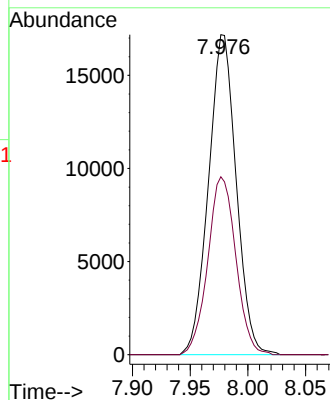
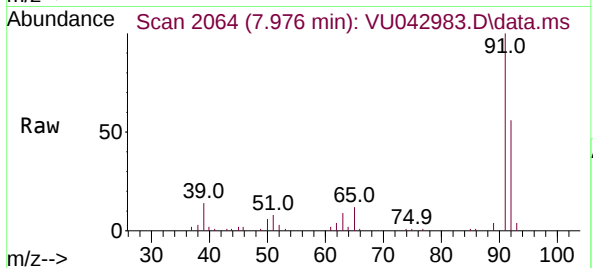
Acq: 08 Apr 2021 10:53

Tgt Ion: 91 Resp: 28701

Ion Ratio Lower Upper

91 100

92 55.6 38.4 71.2



#44

trans-1,3-Dichloropropene

Concen: 5.32 ug/L

RT: 8.221 min Scan# 2140

Delta R.T. 0.003 min

Lab File: VU042983.D

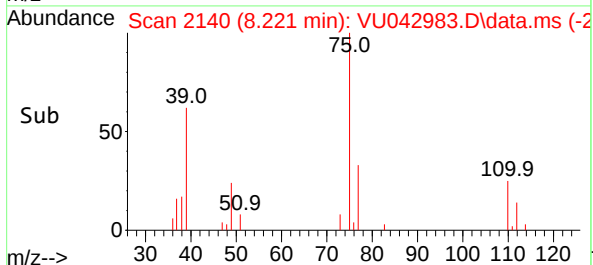
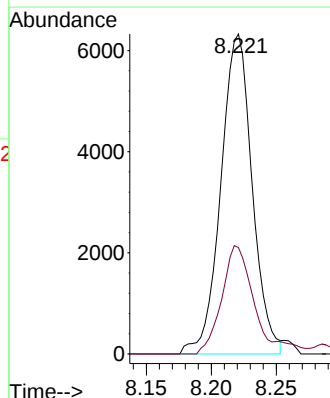
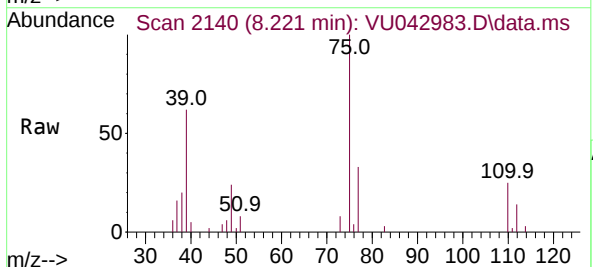
Acq: 08 Apr 2021 10:53

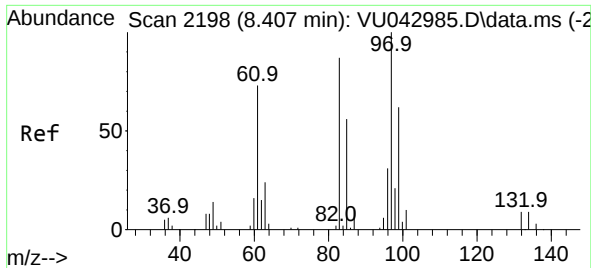
Tgt Ion: 75 Resp: 10628

Ion Ratio Lower Upper

75 100

77 33.3 21.7 40.3

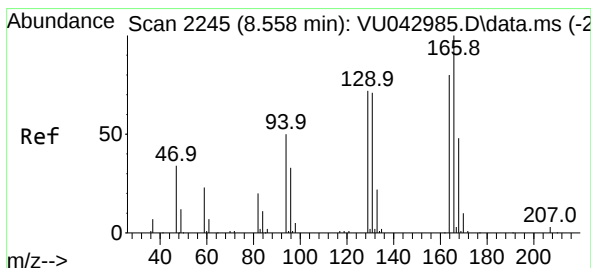
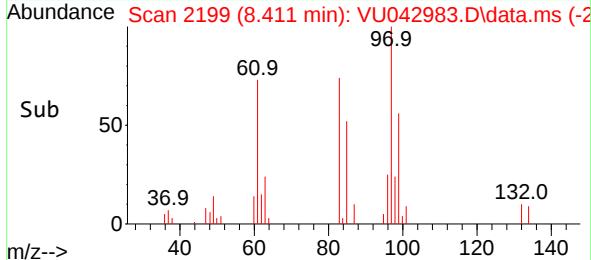
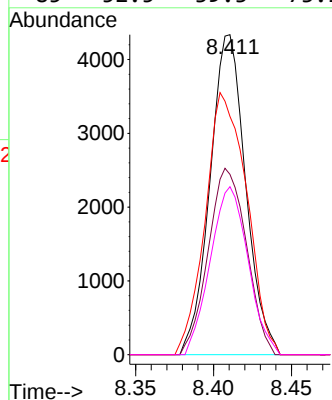
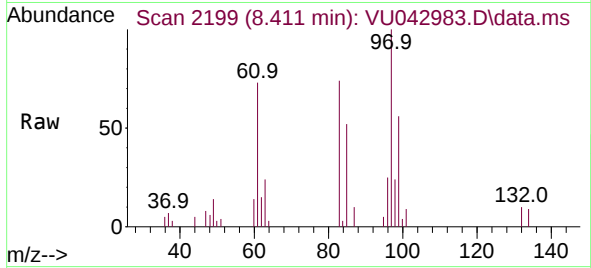




#45
1,1,2-Trichloroethane
Concen: 5.80 ug/L
RT: 8.411 min Scan# 2199
Delta R.T. 0.003 min
Lab File: VU042983.D
Acq: 08 Apr 2021 10:53

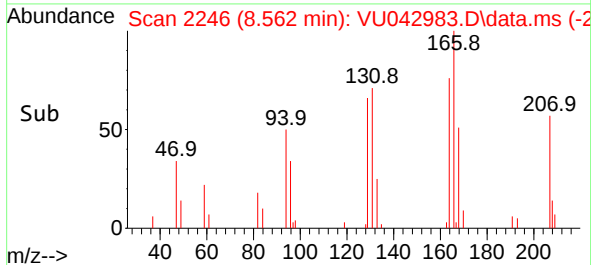
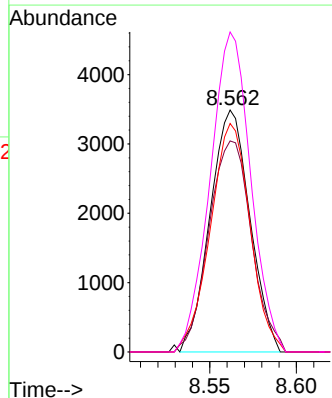
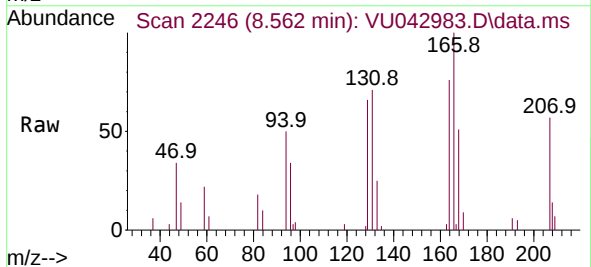
Instrument :
MSVOA_U
ClientSampled :

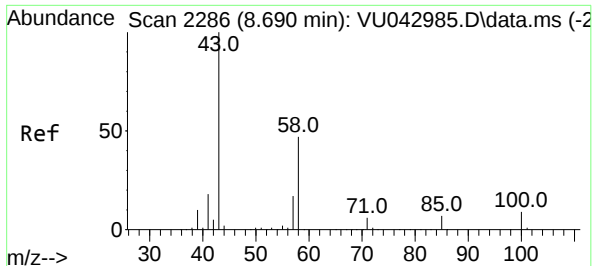
Tgt Ion:	97	Resp:	6913
Ion	Ratio	Lower	Upper
97	100		
99	56.4	43.4	80.6
83	74.4	60.9	113.1
85	52.5	39.3	73.1



#46
Tetrachloroethene
Concen: 5.60 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU042983.D
Acq: 08 Apr 2021 10:53

Tgt Ion:	164	Resp:	5591
Ion	Ratio	Lower	Upper
164	100		
129	87.2	63.1	117.3
131	94.4	62.0	115.2
166	136.8	87.8	163.2





#48

2-Hexanone

Concen: 10.50 ug/L

RT: 8.693 min Scan# 2287

Delta R.T. 0.003 min

Lab File: VU042983.D

Acq: 08 Apr 2021 10:53

Tgt Ion: 43 Resp: 24500

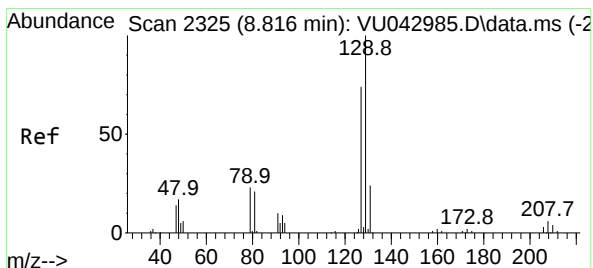
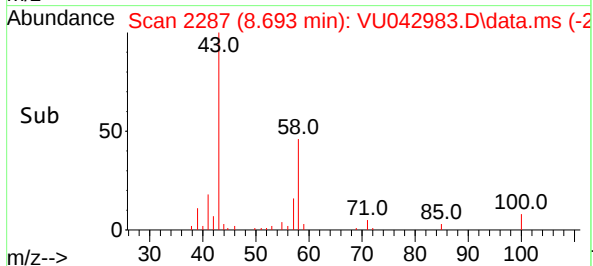
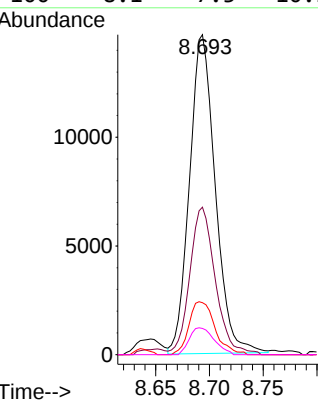
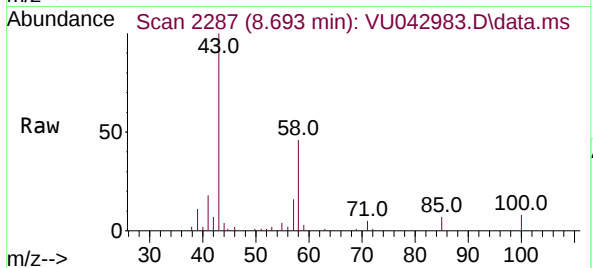
Ion Ratio Lower Upper

43 100

58 45.7 37.8 56.6

57 16.6 13.7 20.5

100 8.1 7.3 10.9



#49

Dibromochloromethane

Concen: 5.56 ug/L

RT: 8.819 min Scan# 2326

Delta R.T. 0.003 min

Lab File: VU042983.D

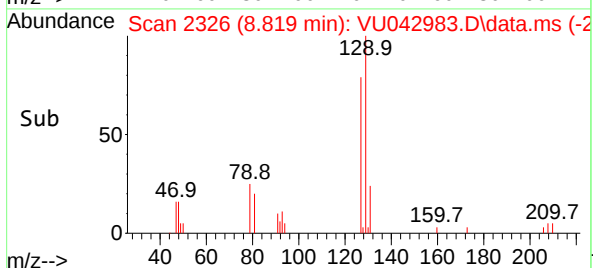
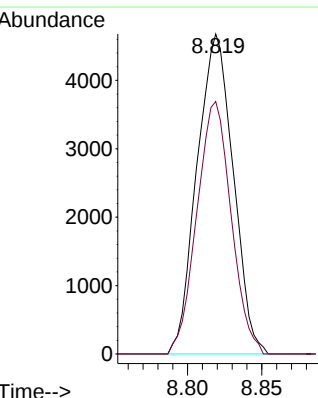
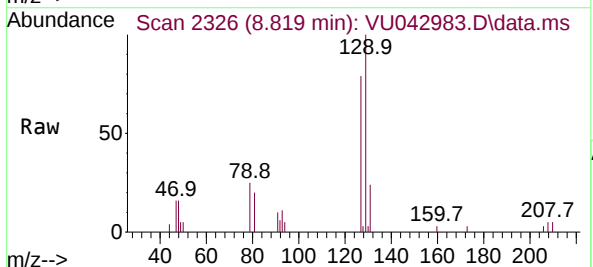
Acq: 08 Apr 2021 10:53

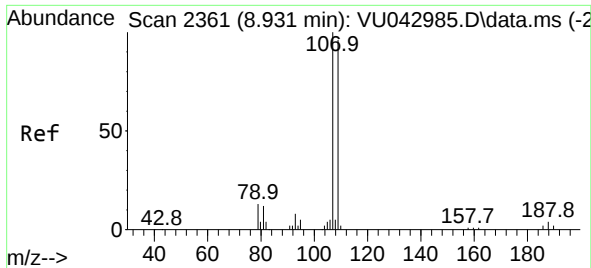
Tgt Ion: 129 Resp: 7929

Ion Ratio Lower Upper

129 100

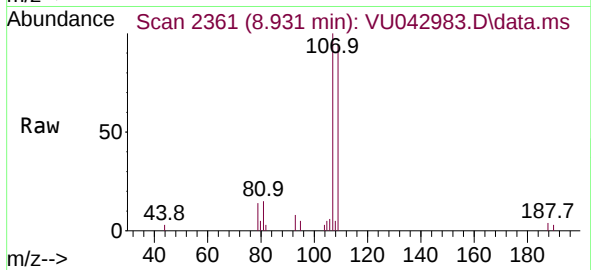
127 82.2 51.6 95.8



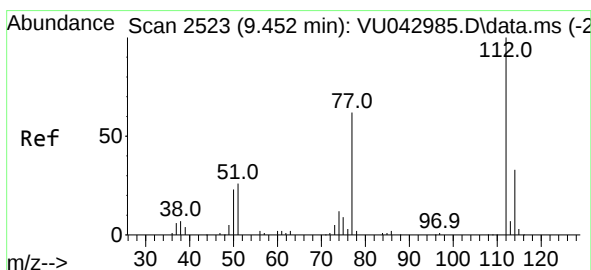
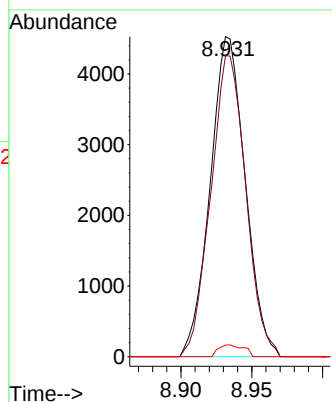
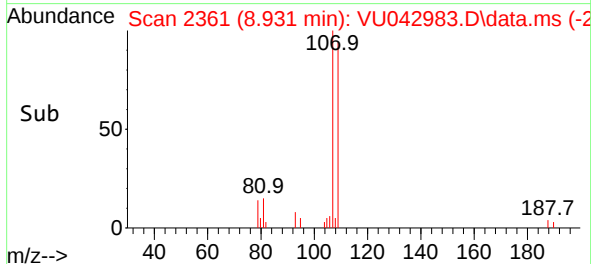


#50
1,2-Dibromoethane
Concen: 5.72 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VU042983.D
Acq: 08 Apr 2021 10:53

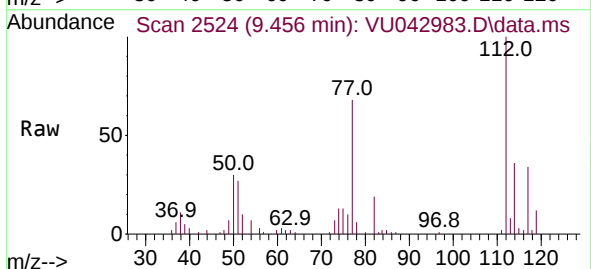
Instrument :
MSVOA_U
ClientSampled :



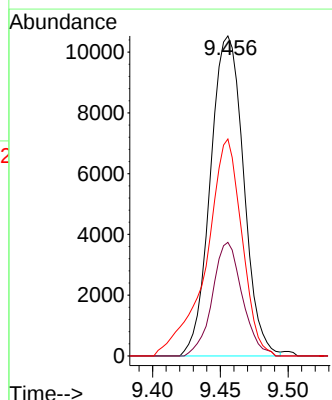
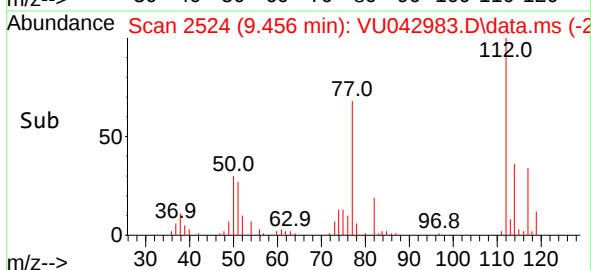
Tgt Ion:	107	Resp:	7775
Ion	Ratio	Lower	Upper
107	100		
109	94.0	67.3	125.1
188	3.6	3.0	4.4

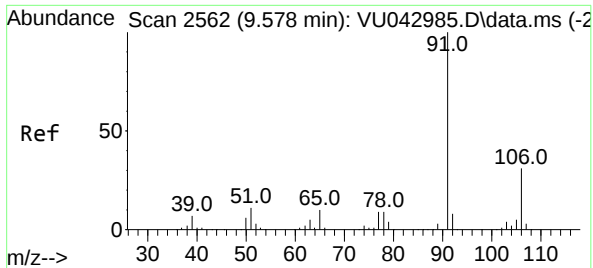


#51
Chlorobenzene
Concen: 5.56 ug/L
RT: 9.456 min Scan# 2524
Delta R.T. 0.003 min
Lab File: VU042983.D
Acq: 08 Apr 2021 10:53



Tgt Ion:	112	Resp:	17957
Ion	Ratio	Lower	Upper
112	100		
114	35.5	22.9	42.5
77	67.8	49.8	74.6

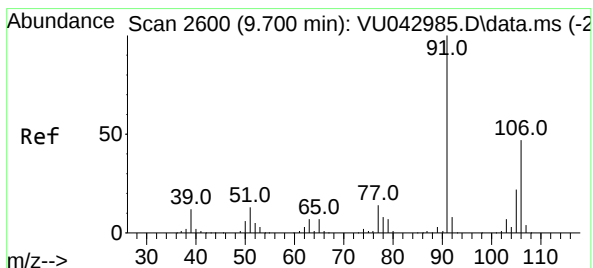
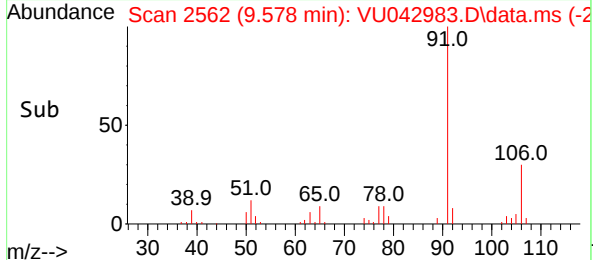
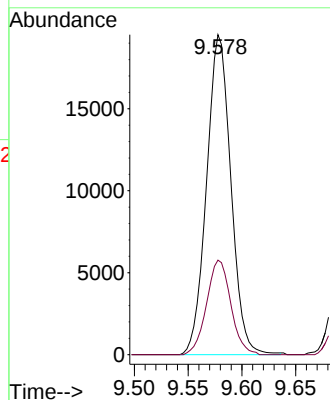
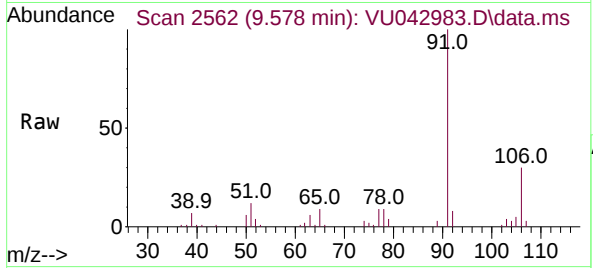




#52
Ethylbenzene
Concen: 5.32 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU042983.D
Acq: 08 Apr 2021 10:53

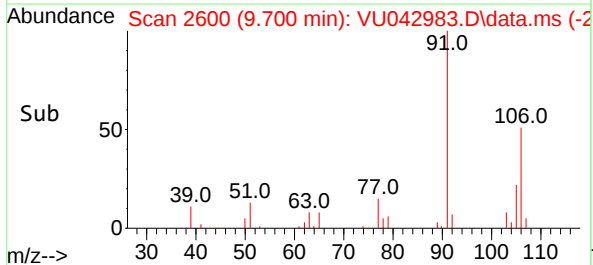
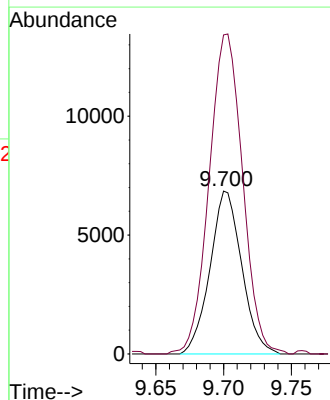
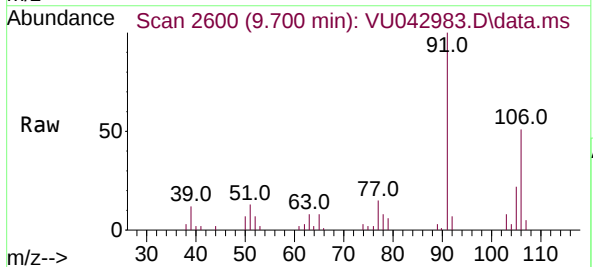
Instrument :
MSVOA_U
ClientSampled :

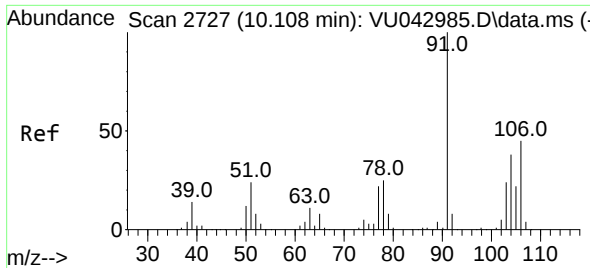
Tgt Ion: 91 Resp: 30673
Ion Ratio Lower Upper
91 100
106 29.5 21.5 39.9



#53
m,p-Xylene
Concen: 5.24 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU042983.D
Acq: 08 Apr 2021 10:53

Tgt Ion: 106 Resp: 11150
Ion Ratio Lower Upper
106 100
91 195.9 148.4 275.6

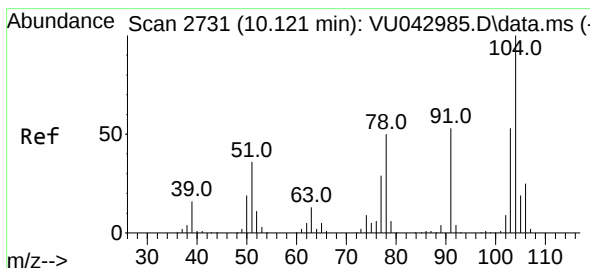
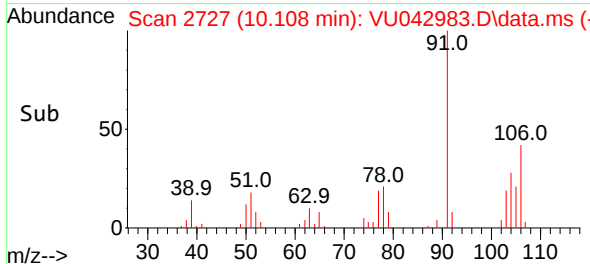
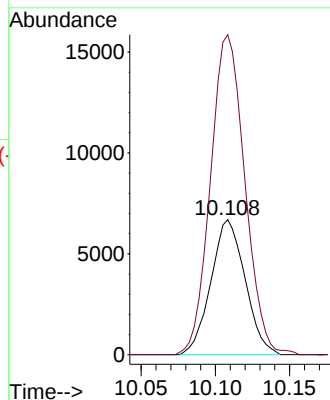
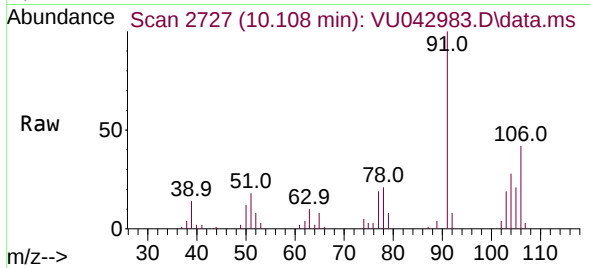




#54
o-xylene
Concen: 5.02 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU042983.D
Acq: 08 Apr 2021 10:53

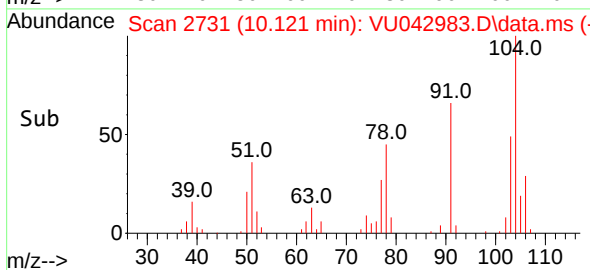
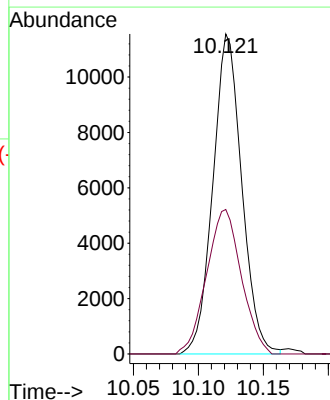
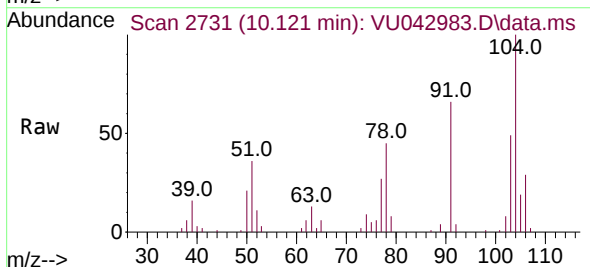
Instrument :
MSVOA_U
ClientSampled :

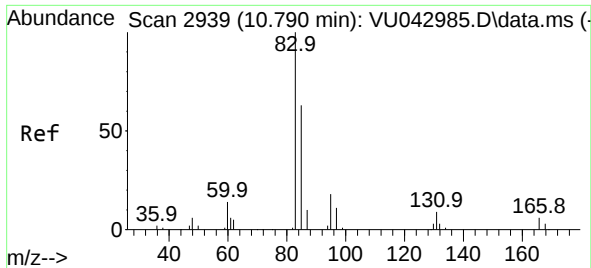
Tgt Ion:106 Resp: 10733
Ion Ratio Lower Upper
106 100
91 219.3 154.1 286.3



#55
Styrene
Concen: 4.85 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU042983.D
Acq: 08 Apr 2021 10:53

Tgt Ion:104 Resp: 17826
Ion Ratio Lower Upper
104 100
78 45.1 34.7 64.5

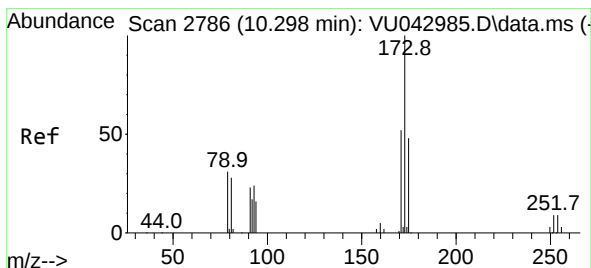
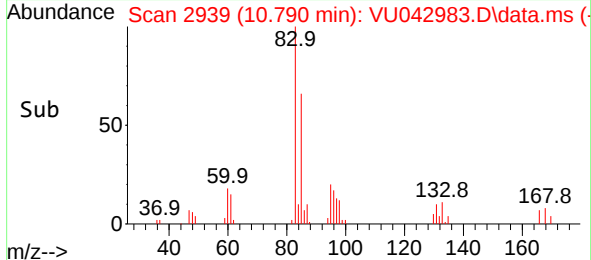
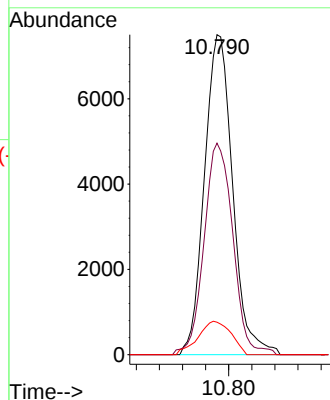
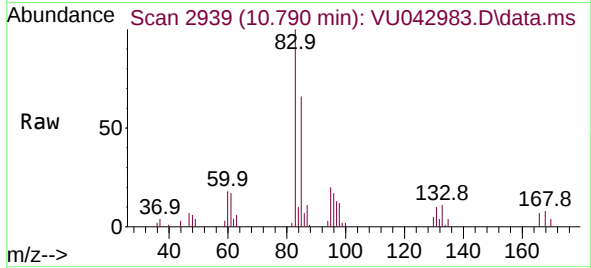




#57
1,1,2,2-Tetrachloroethane
Concen: 5.38 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU042983.D
Acq: 08 Apr 2021 10:53

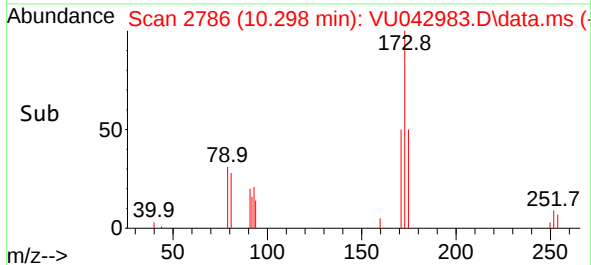
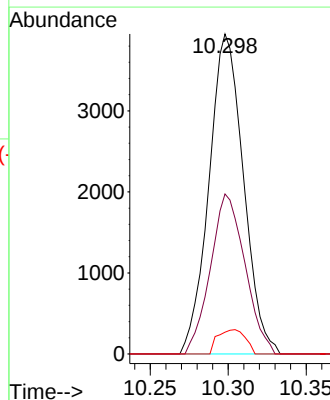
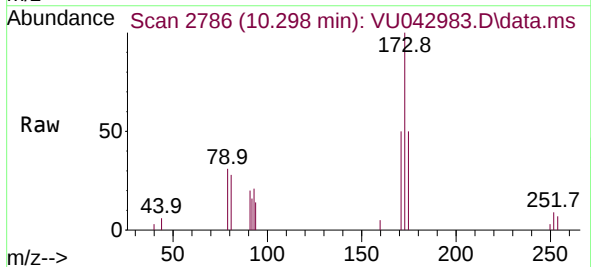
Instrument :
MSVOA_U
ClientSampleId :

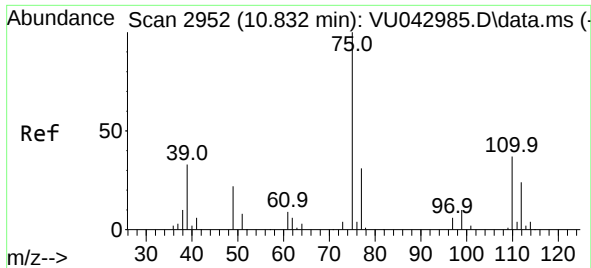
Tgt Ion: 83 Resp: 12710
Ion Ratio Lower Upper
83 100
85 66.1 45.4 84.2
131 10.2 8.2 12.2



#59
Bromoform
Concen: 5.22 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU042983.D
Acq: 08 Apr 2021 10:53

Tgt Ion:173 Resp: 6074
Ion Ratio Lower Upper
173 100
175 50.1 38.8 58.2
254 6.1 6.9 10.3#

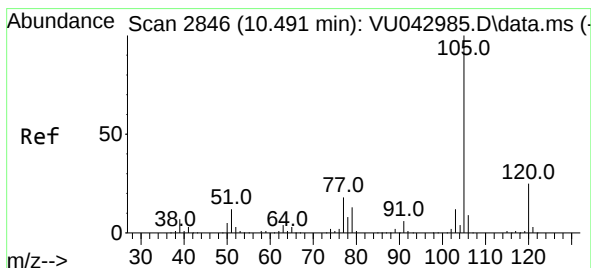
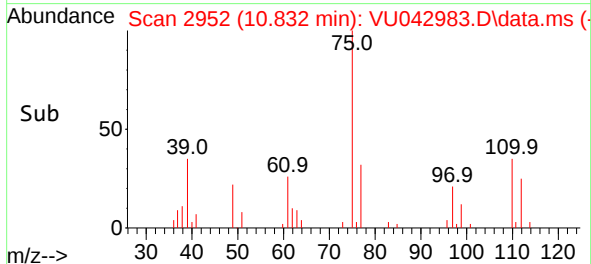
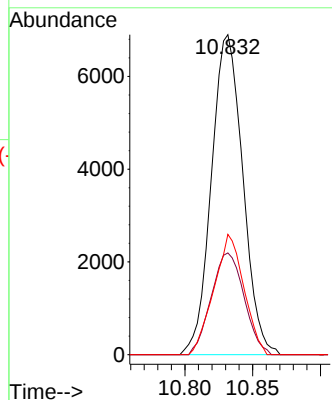
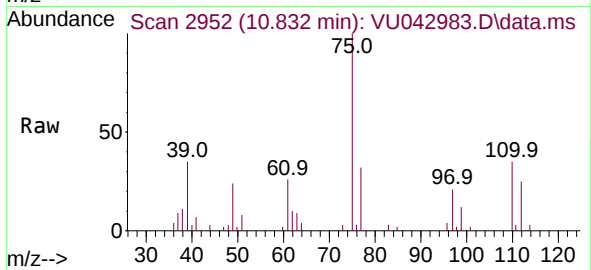




#60
1,2,3-Trichloropropane
Concen: 5.84 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VU042983.D
Acq: 08 Apr 2021 10:53

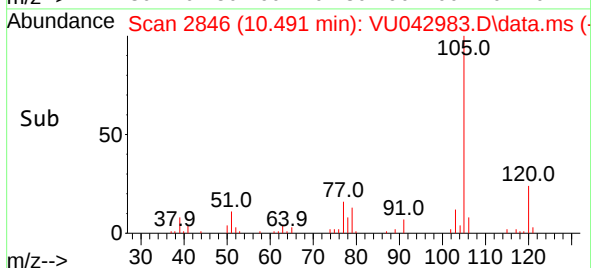
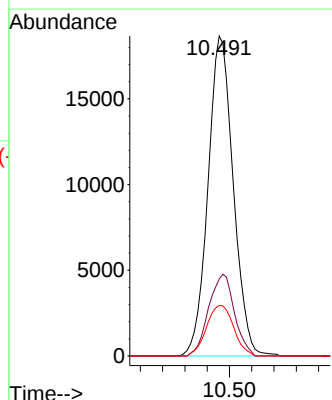
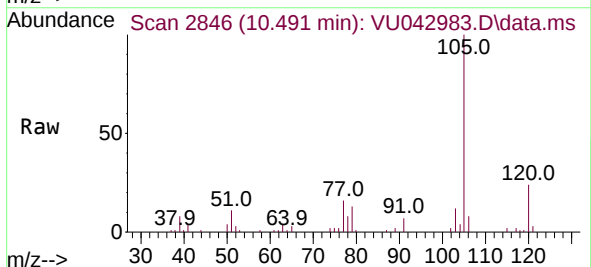
Instrument :
MSVOA_U
ClientSampled :

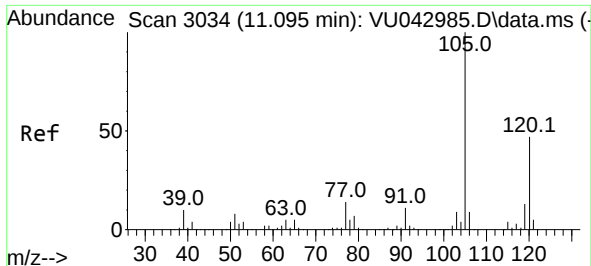
Tgt Ion:	75	Resp:	11126
Ion	Ratio	Lower	Upper
75	100		
77	33.2	25.0	37.4
110	35.9	30.1	45.1



#61
Isopropylbenzene
Concen: 5.40 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU042983.D
Acq: 08 Apr 2021 10:53

Tgt Ion:	105	Resp:	29404
Ion	Ratio	Lower	Upper
105	100		
120	26.0	20.3	30.5
77	17.0	14.0	21.0





#62

1,3,5-Trimethylbenzene

Concen: 5.07 ug/L

RT: 11.095 min Scan# 3034

Delta R.T. 0.000 min

Lab File: VU042983.D

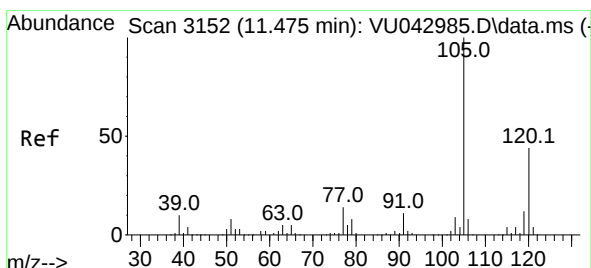
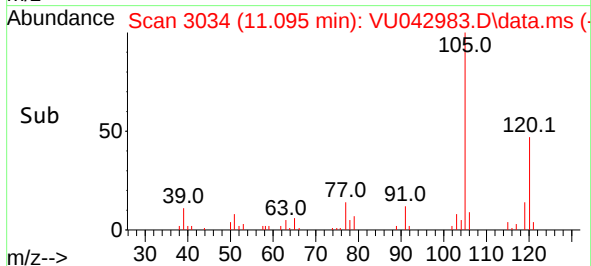
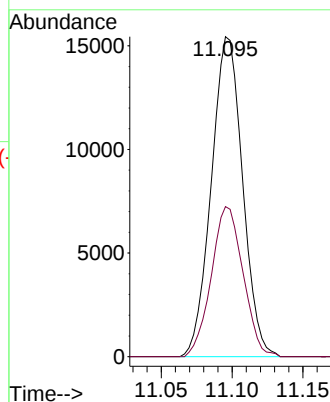
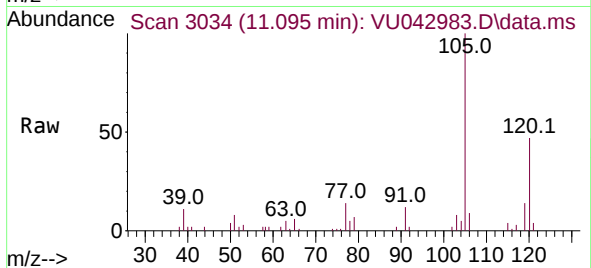
Acq: 08 Apr 2021 10:53

Tgt Ion:105 Resp: 23693

Ion Ratio Lower Upper

105 100

120 47.6 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 5.25 ug/L

RT: 11.475 min Scan# 3152

Delta R.T. 0.000 min

Lab File: VU042983.D

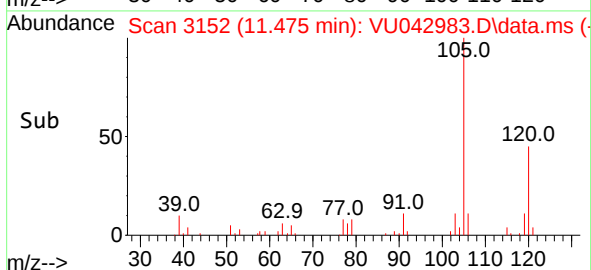
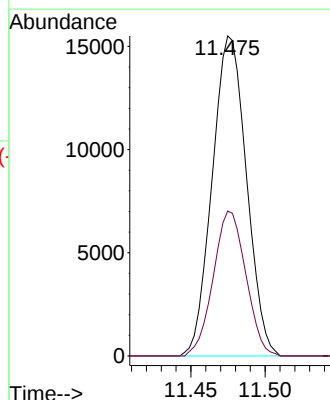
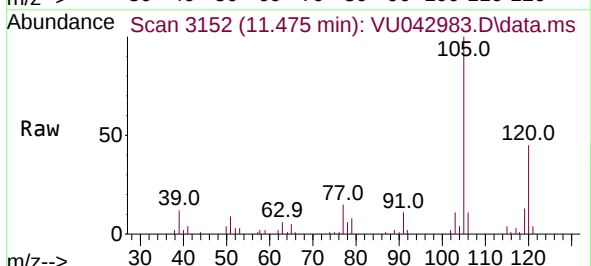
Acq: 08 Apr 2021 10:53

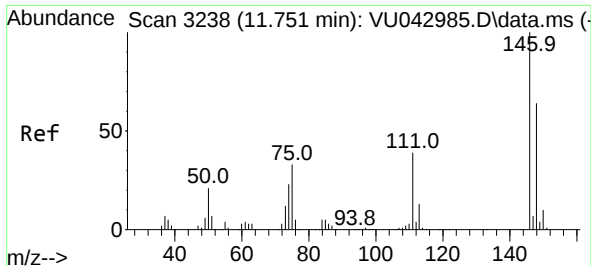
Tgt Ion:105 Resp: 24869

Ion Ratio Lower Upper

105 100

120 43.0 34.6 52.0

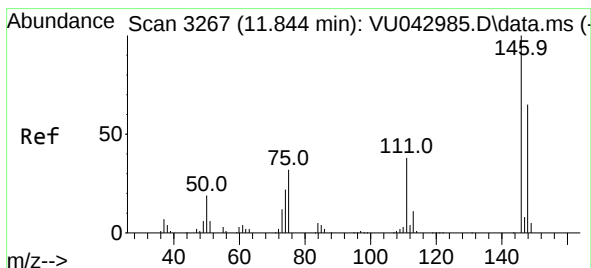
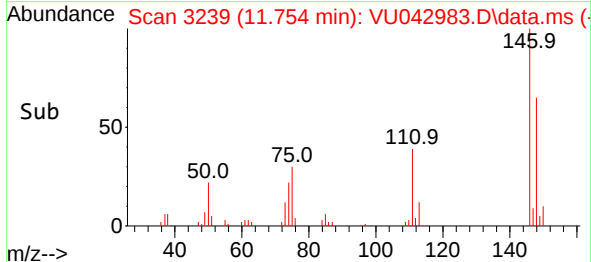
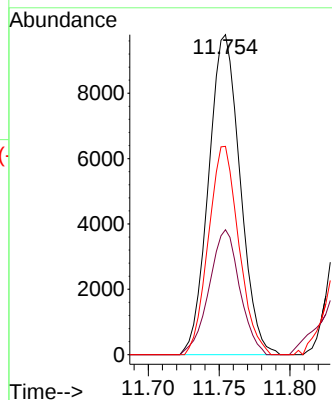
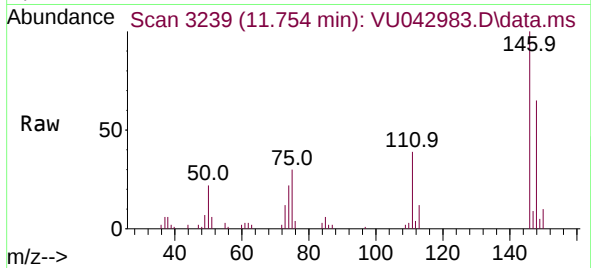




#64
1,3-Dichlorobenzene
Concen: 5.73 ug/L
RT: 11.754 min Scan# 3239
Delta R.T. 0.003 min
Lab File: VU042983.D
Acq: 08 Apr 2021 10:53

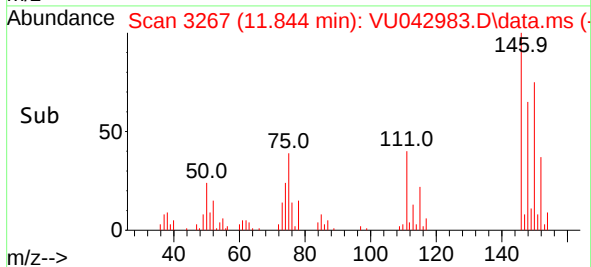
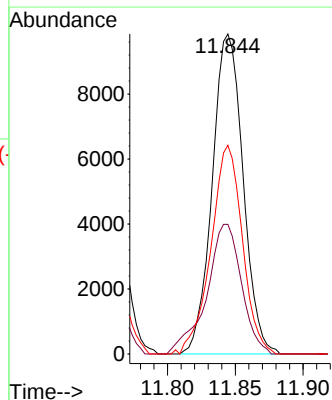
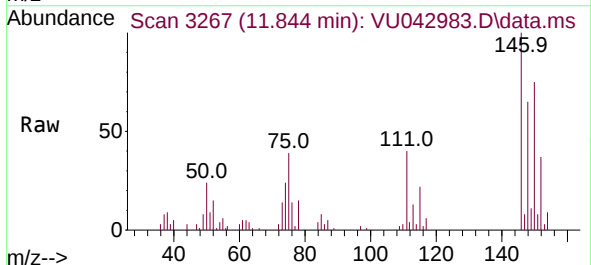
Instrument :
MSVOA_U
ClientSampled :

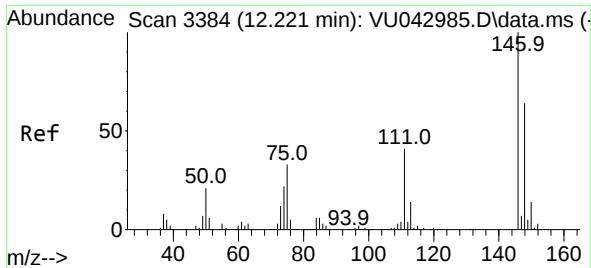
Tgt Ion:146 Resp: 15171
Ion Ratio Lower Upper
146 100
111 42.9 27.3 50.7
148 65.1 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 5.92 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. 0.000 min
Lab File: VU042983.D
Acq: 08 Apr 2021 10:53

Tgt Ion:146 Resp: 15585
Ion Ratio Lower Upper
146 100
111 44.2 26.5 49.1
148 65.2 45.3 84.1

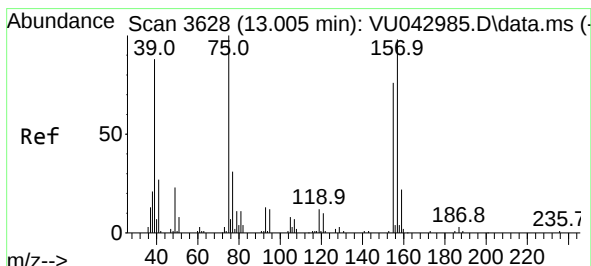
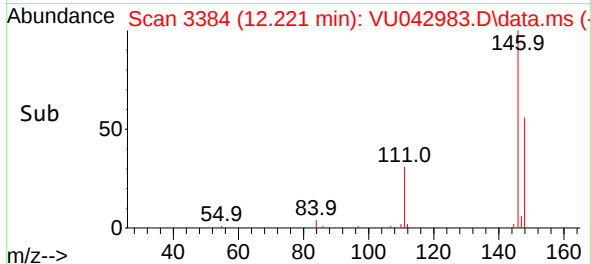
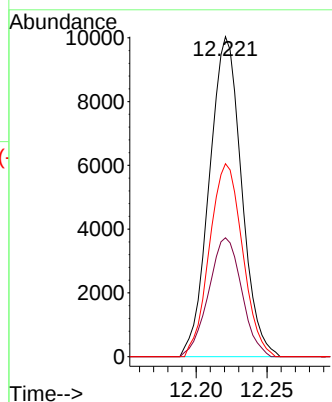
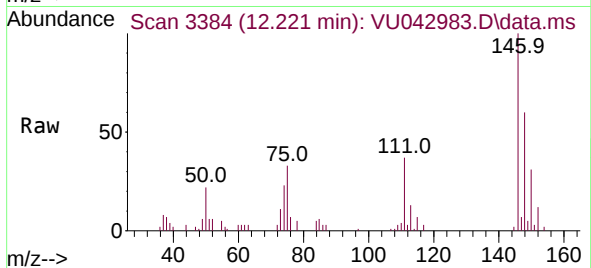




#67
1,2-Dichlorobenzene
Concen: 5.96 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.000 min
Lab File: VU042983.D
Acq: 08 Apr 2021 10:53

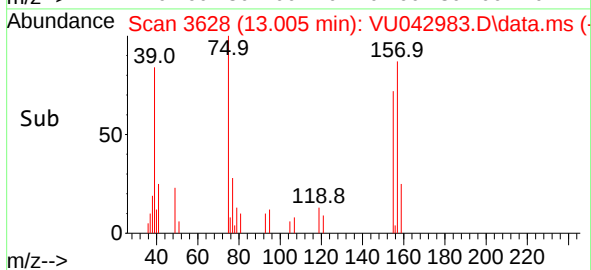
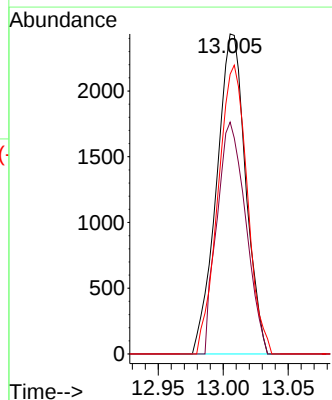
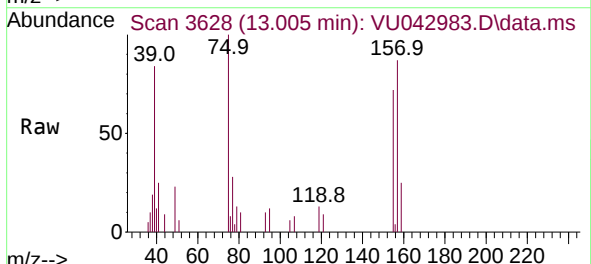
Instrument :
MSVOA_U
ClientSampled :

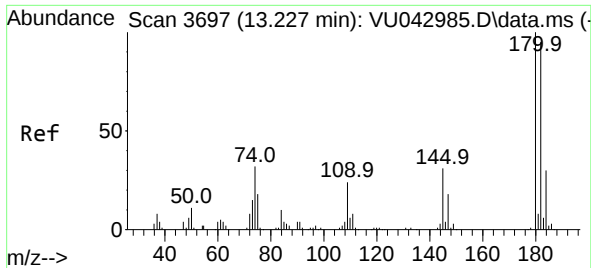
Tgt Ion:146 Resp: 15870
Ion Ratio Lower Upper
146 100
111 37.2 32.6 49.0
148 60.3 51.6 77.4



#68
1,2-Dibromo-3-chloropropane
Concen: 6.11 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. 0.000 min
Lab File: VU042983.D
Acq: 08 Apr 2021 10:53

Tgt Ion: 75 Resp: 3791
Ion Ratio Lower Upper
75 100
155 71.3 64.2 96.4
157 81.0 82.0 123.0#

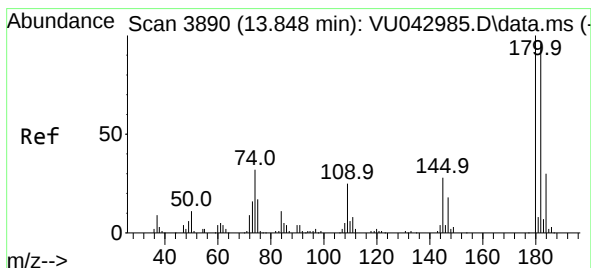
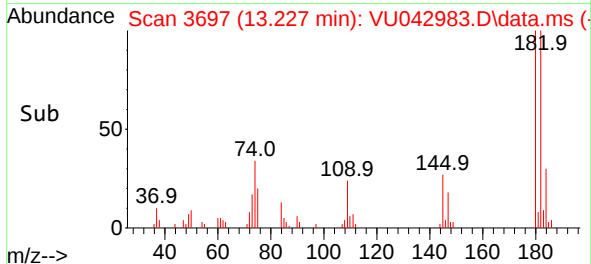
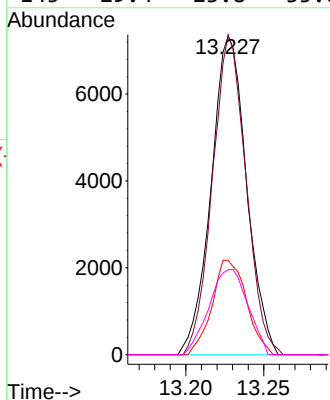
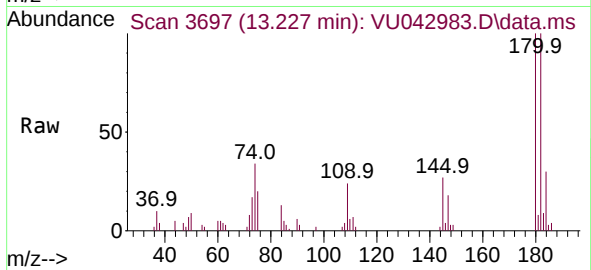




#69
1,3,5-Trichlorobenzene
Concen: 5.79 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. 0.000 min
Lab File: VU042983.D
Acq: 08 Apr 2021 10:53

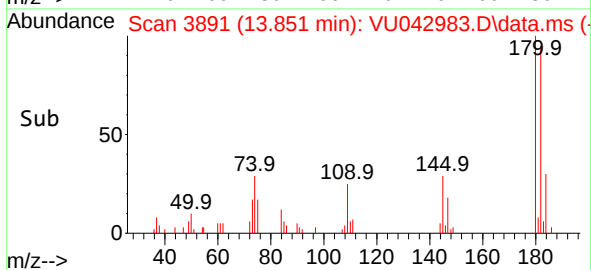
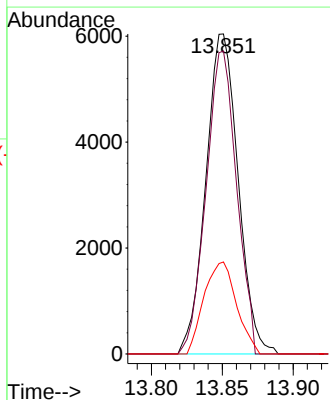
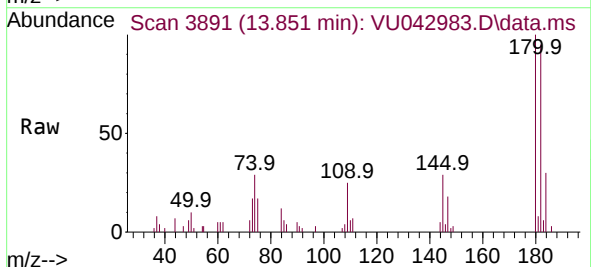
Instrument :
MSVOA_U
ClientSampled :

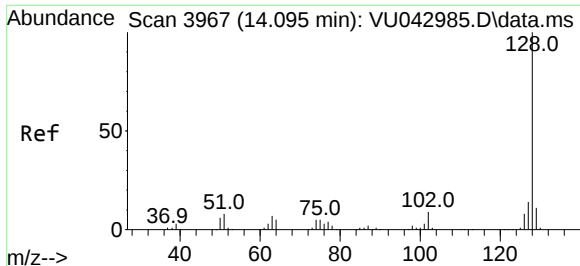
Tgt Ion:	180	Resp:	11582
Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.6	115.0
184	28.8	24.1	36.1
145	29.4	23.8	35.6



#70
1,2,4-trichlorobenzene
Concen: 6.05 ug/L
RT: 13.851 min Scan# 3891
Delta R.T. 0.003 min
Lab File: VU042983.D
Acq: 08 Apr 2021 10:53

Tgt Ion:	180	Resp:	9580
Ion	Ratio	Lower	Upper
180	100		
182	89.4	75.9	113.9
145	28.9	22.8	34.2

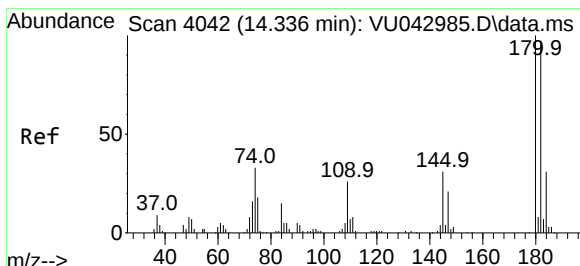
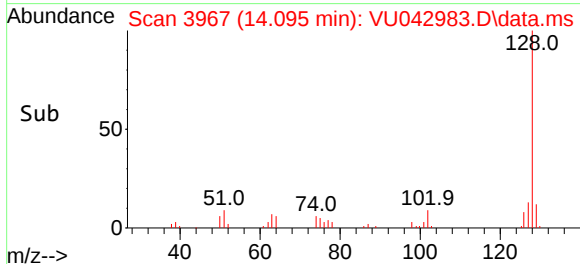
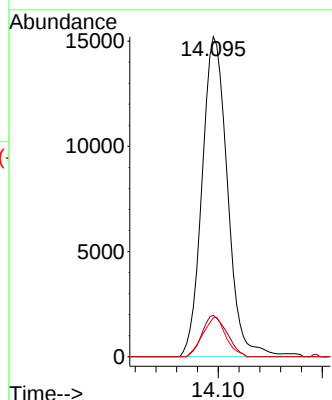
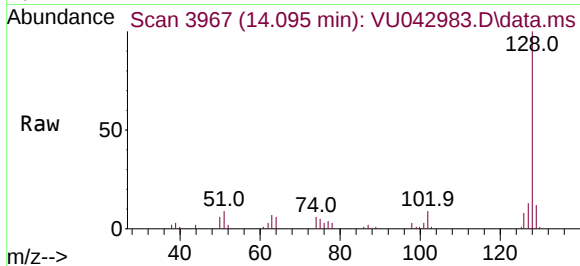




#71
Naphthalene
Concen: 5.45 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042983.D
Acq: 08 Apr 2021 10:53

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	128	Resp:	25754
Ion	Ratio	Lower	Upper
128	100		
127	12.6	11.1	16.7
129	11.2	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 6.29 ug/L
RT: 14.340 min Scan# 4043
Delta R.T. 0.003 min
Lab File: VU042983.D
Acq: 08 Apr 2021 10:53

Tgt Ion:	180	Resp:	9721
Ion	Ratio	Lower	Upper
180	100		
182	95.2	77.1	115.7
145	28.0	25.2	37.8

