

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042621\
 Data File : VU043340.D
 Acq On : 26 Apr 2021 21:01
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 26 23:45:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 26 23:40:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	112006	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	112511	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	59597	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	28325	4.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.40%
7) Chloroethane-d5	1.919	69	26589	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.575	65	18151	5.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	110.20%
20) 2-Butanone-d5	4.645	46	151971	60.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.66%
24) Chloroform-d	5.073	84	80240	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.80%
26) 1,2-Dichloroethane-d4	5.713	65	49198	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.735	84	137040	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
36) 1,2-Dichloropropane-d6	6.700	67	46351	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.906	98	129807	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloroprop...	8.185	79	14511	3.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.60%
46) 2-Hexanone-d5	8.642	63	93810	49.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.06%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	41868	5.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.60%
66) 1,2-Dichlorobenzene-d4	12.198	152	48751	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%
Target Compounds						
2) Dichlorodifluoromethane	1.388	85	41339	5.76	ug/L	Qvalue 97
3) Chloromethane	1.523	50	36456	5.16	ug/L	95
5) Vinyl chloride	1.607	62	35967	4.89	ug/L	97
6) Bromomethane	1.864	94	19332	4.40	ug/L	95
8) Chloroethane	1.941	64	23450	4.42	ug/L	99
9) Trichlorofluoromethane	2.144	101	66030	4.82	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	37509	5.07	ug/L	94
12) 1,1-Dichloroethene	2.588	96	33517	5.38	ug/L	79
13) Acetone	2.662	43	114050	62.13	ug/L	# 64
14) Carbon disulfide	2.803	76	82420	5.19	ug/L	99
15) Methyl Acetate	2.964	43	25725	7.45	ug/L	# 82
16) Methylene chloride	3.054	84	51031	6.33	ug/L	81
17) Methyl tert-butyl Ether	3.372	73	102318	5.03	ug/L	# 92
18) trans-1,2-Dichloroethene	3.363	96	35173	5.30	ug/L	86
19) 1,1-Dichloroethane	3.880	63	82504	5.71	ug/L	97
21) 2-Butanone	4.726	43	185048	61.08	ug/L	82
22) cis-1,2-Dichloroethene	4.678	96	40494	5.15	ug/L	86
23) Bromochloromethane	4.983	128	20672	5.77	ug/L	# 74
25) Chloroform	5.099	83	85525	5.55	ug/L	99

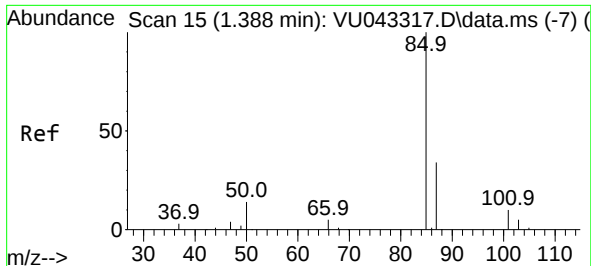
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042621\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	62437	5.52	ug/L #	94
29) 1,1,1-Trichloroethane	5.327	97	72010	5.18	ug/L #	92
30) Cyclohexane	5.398	56	56298	4.73	ug/L	86
31) Carbon tetrachloride	5.536	117	60210	5.20	ug/L	100
33) Benzene	5.784	78	158926	5.28	ug/L	100
34) Trichloroethene	6.552	95	40208	4.85	ug/L	95
35) Methylcyclohexane	6.771	83	47799	4.17	ug/L #	87
37) 1,2-Dichloropropane	6.800	63	46696	5.51	ug/L	98
38) Bromodichloromethane	7.112	83	62434	5.49	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	49734	4.02	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	437804	57.78	ug/L #	82
42) Toluene	7.976	91	172647	5.13	ug/L	95
44) trans-1,3-Dichloropropene	8.218	75	45726	3.92	ug/L	94
45) 1,1,2-Trichloroethane	8.407	97	34924	5.52	ug/L	94
47) Tetrachloroethene	8.562	164	31302	4.76	ug/L	89
48) 2-Hexanone	8.694	43	341242	61.20	ug/L #	81
49) Dibromochloromethane	8.819	129	42775	5.36	ug/L	91
50) 1,2-Dibromoethane	8.931	107	33328	5.29	ug/L	96
51) Chlorobenzene	9.452	112	107535	5.02	ug/L	94
52) Ethylbenzene	9.578	91	180904	4.70	ug/L	97
53) m,p-Xylene	9.700	106	65042	4.62	ug/L	86
54) o-Xylene	10.108	106	63683	4.57	ug/L	90
55) Styrene	10.121	104	117264	4.91	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.790	83	46631	5.60	ug/L	99
59) Bromoform	10.298	173	25980	5.33	ug/L	99
60) Isopropylbenzene	10.491	105	178520	4.67	ug/L	96
61) 1,2,3-Trichloropropane	10.828	75	34822	5.66	ug/L	97
62) 1,3,5-Trimethylbenzene	11.095	105	138357	4.42	ug/L	98
63) 1,2,4-Trimethylbenzene	11.475	105	140130	4.36	ug/L	97
64) 1,3-Dichlorobenzene	11.751	146	88290	4.86	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	89313	4.85	ug/L	98
67) 1,2-Dichlorobenzene	12.221	146	88056	4.99	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.005	75	8118	5.42	ug/L	95
69) 1,3,5-Trichlorobenzene	13.227	180	64892	4.36	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	54818	4.45	ug/L	98
71) Naphthalene	14.092	128	107385	5.16	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	57146	5.06	ug/L	98

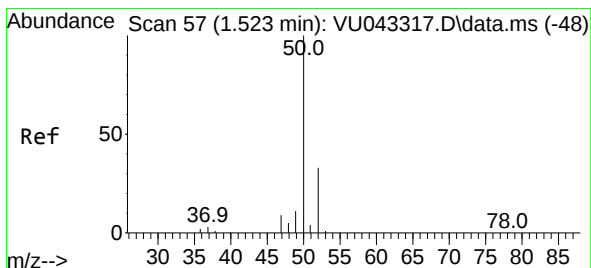
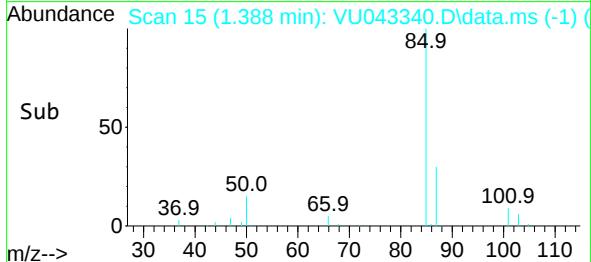
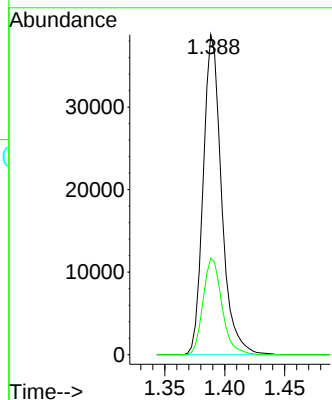
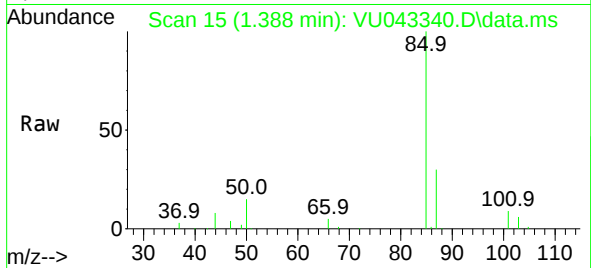
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 5.76 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU043340.D
Acq: 26 Apr 2021 21:01

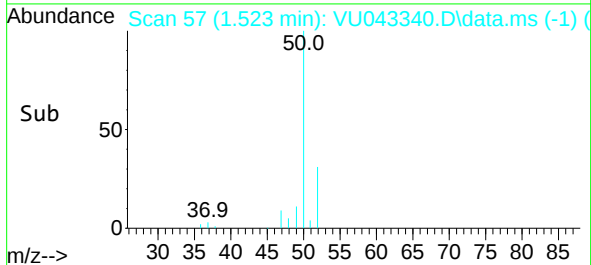
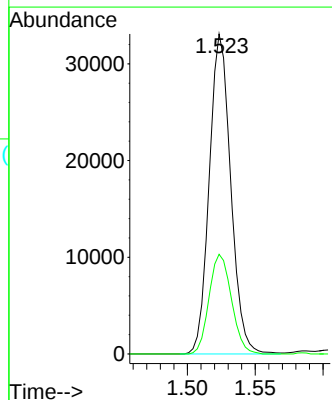
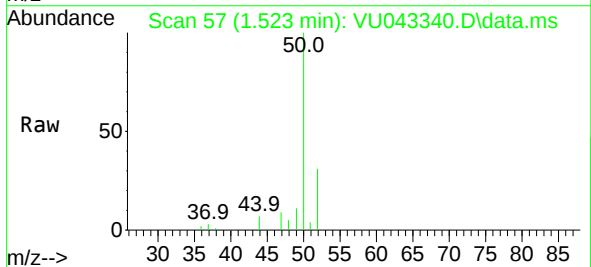
Instrument :
MSVOA_U
ClientSampled :

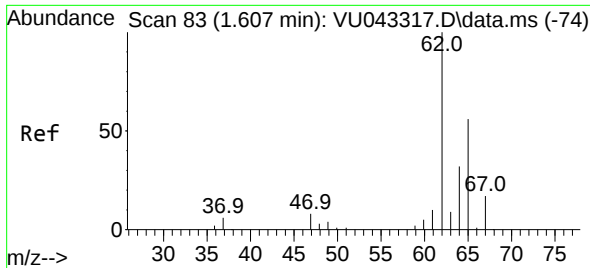
Tgt Ion: 85 Resp: 41339
Ion Ratio Lower Upper
85 100
87 31.0 26.3 39.5



#3
Chloromethane
Concen: 5.16 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU043340.D
Acq: 26 Apr 2021 21:01

Tgt Ion: 50 Resp: 36456
Ion Ratio Lower Upper
50 100
52 31.1 23.6 43.8

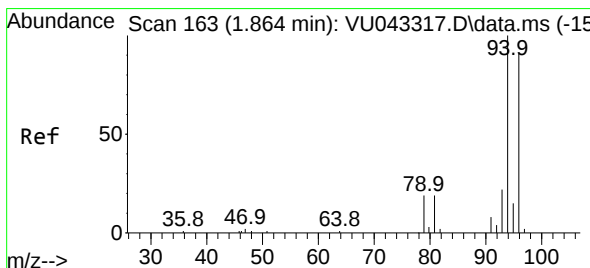
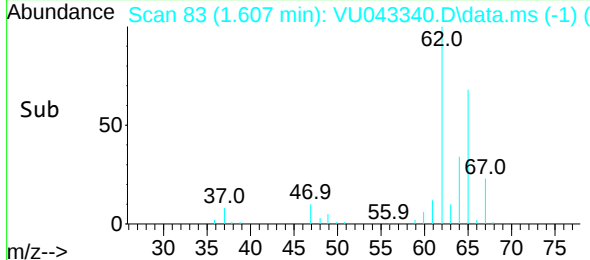
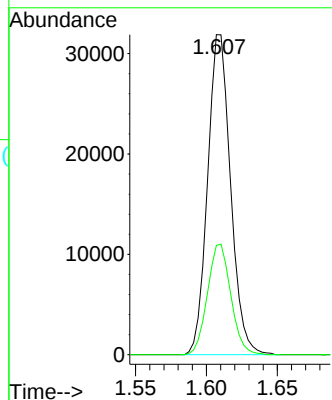
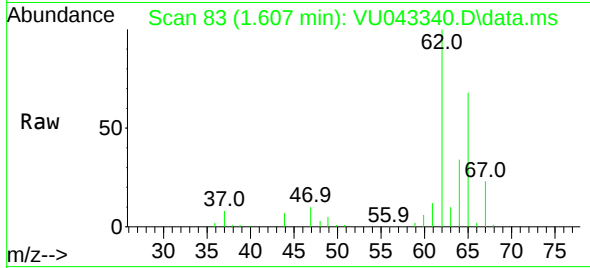




#5
 Vinyl chloride
 Concen: 4.89 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU043340.D
 Acq: 26 Apr 2021 21:01

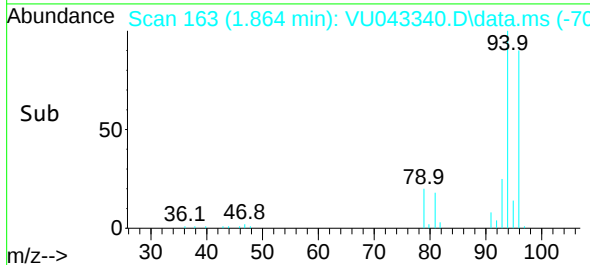
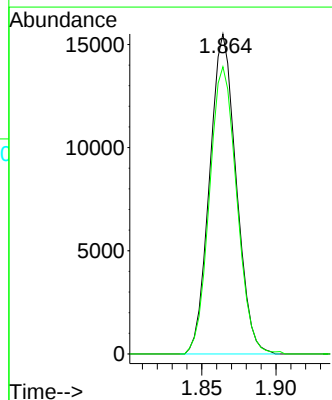
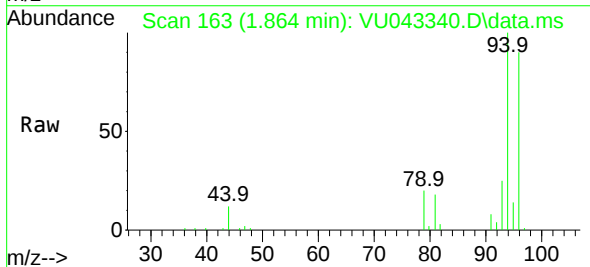
Instrument :
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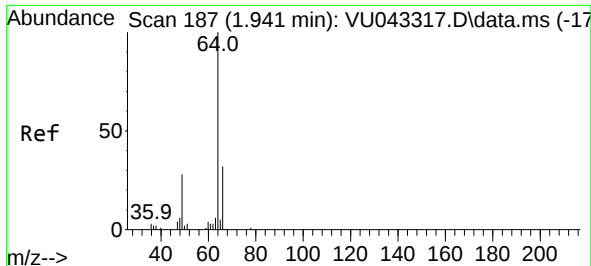
Tgt Ion: 62 Resp: 35967
 Ion Ratio Lower Upper
 62 100
 64 34.2 22.8 42.4



#6
 Bromomethane
 Concen: 4.40 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU043340.D
 Acq: 26 Apr 2021 21:01

Tgt Ion: 94 Resp: 19332
 Ion Ratio Lower Upper
 94 100
 96 89.8 66.1 122.7

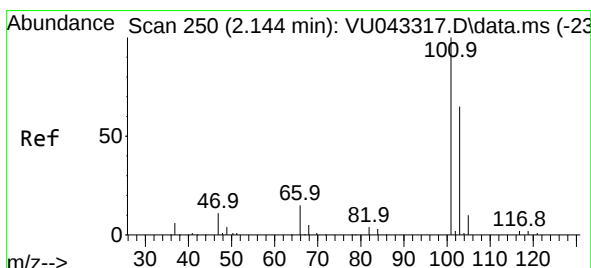
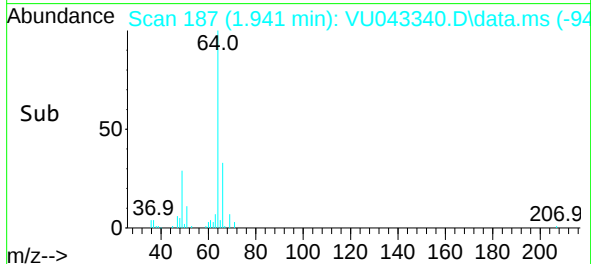
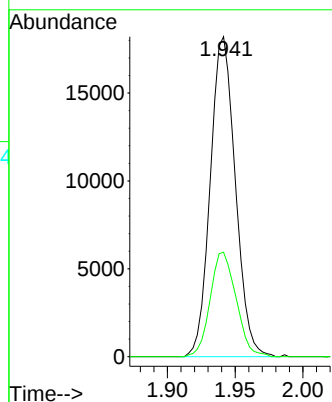
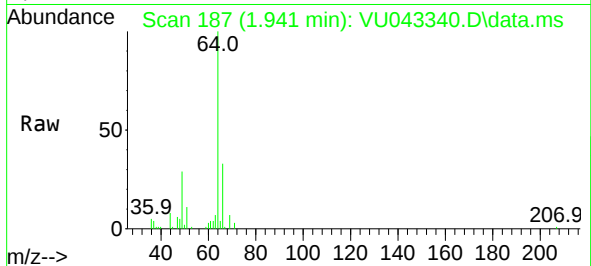




#8
Chloroethane
Concen: 4.42 ug/L
RT: 1.941 min Scan# 187
Delta R.T. -0.000 min
Lab File: VU043340.D
Acq: 26 Apr 2021 21:01

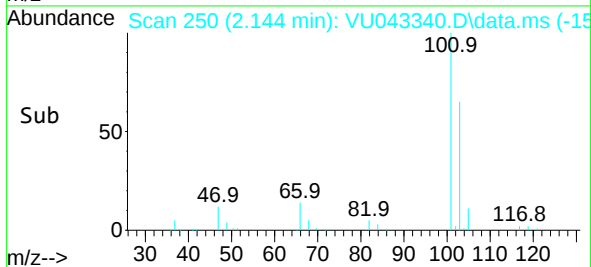
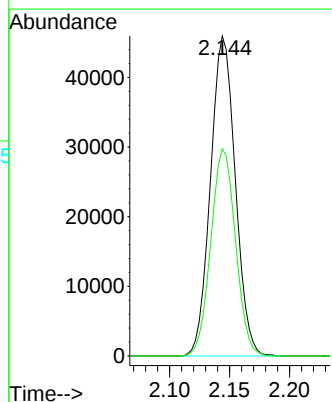
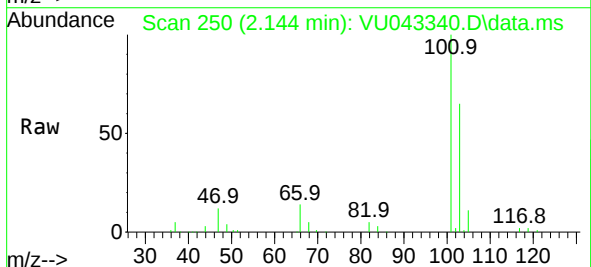
Instrument :
MSVOA_U
ClientSampled :

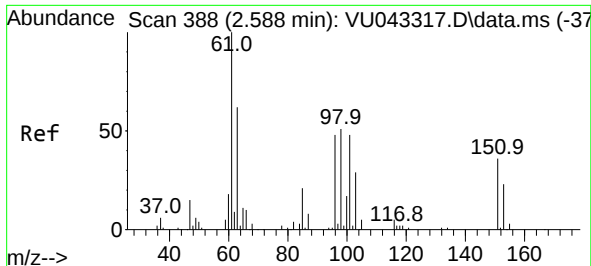
Tgt Ion: 64 Resp: 23450
Ion Ratio Lower Upper
64 100
66 32.6 22.4 41.6



#9
Trichlorofluoromethane
Concen: 4.82 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU043340.D
Acq: 26 Apr 2021 21:01

Tgt Ion: 101 Resp: 66030
Ion Ratio Lower Upper
101 100
103 64.5 51.5 77.3

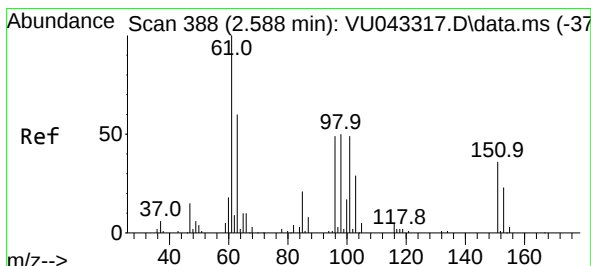
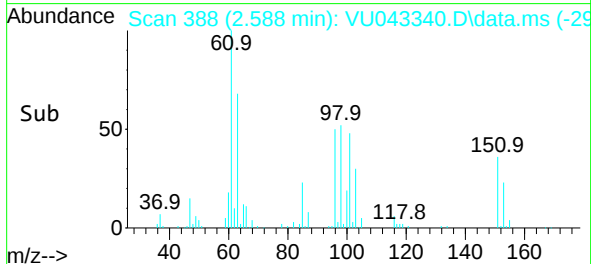
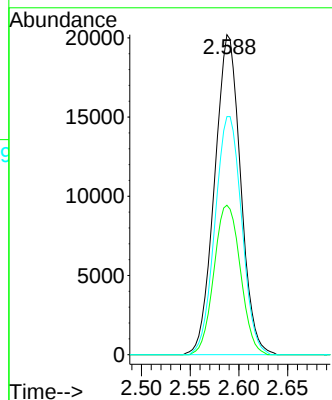
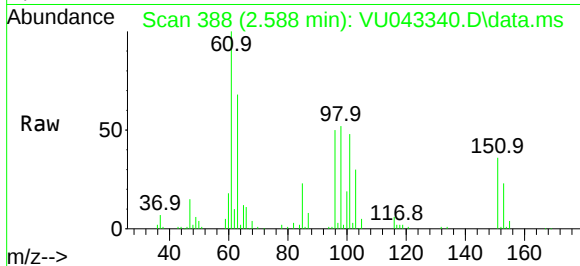




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.07 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU043340.D
 Acq: 26 Apr 2021 21:01

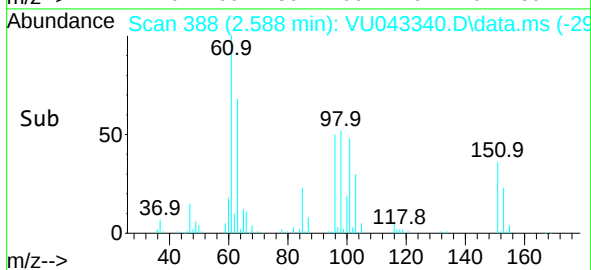
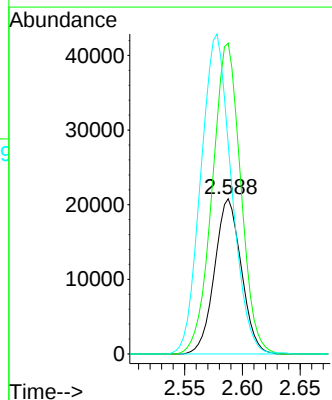
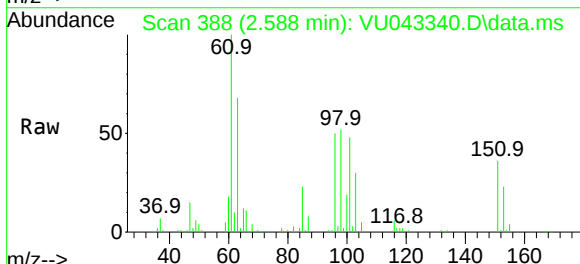
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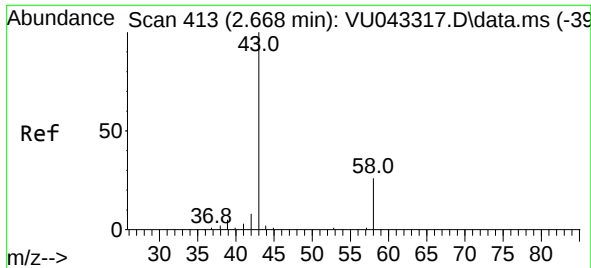
Tgt Ion:101 Resp: 37509
 Ion Ratio Lower Upper
 101 100
 85 47.5 34.5 51.7
 151 76.5 57.4 86.2



#12
 1,1-Dichloroethene
 Concen: 5.38 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU043340.D
 Acq: 26 Apr 2021 21:01

Tgt Ion: 96 Resp: 33517
 Ion Ratio Lower Upper
 96 100
 61 200.3 115.1 213.7
 63 135.2 84.1 156.1

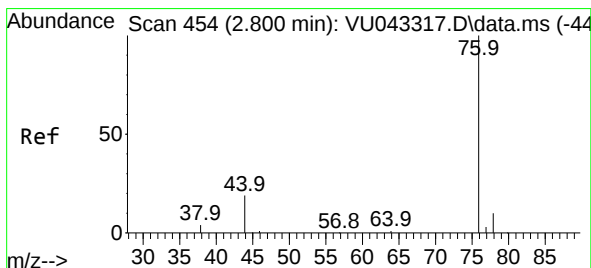
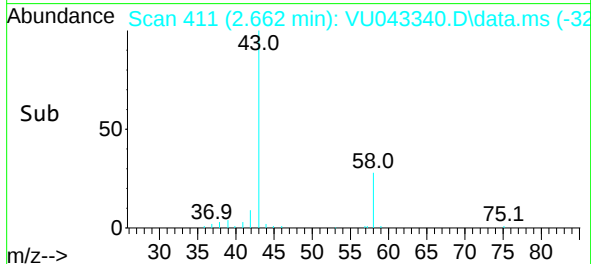
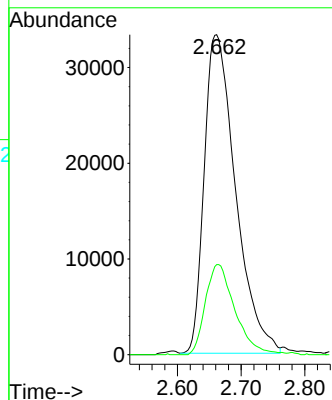
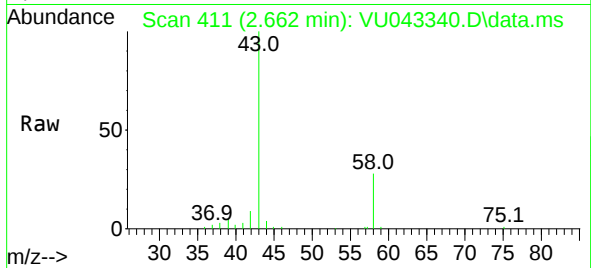




#13
Acetone
Concen: 62.13 ug/L
RT: 2.662 min Scan# 411
Delta R.T. -0.007 min
Lab File: VU043340.D
Acq: 26 Apr 2021 21:01

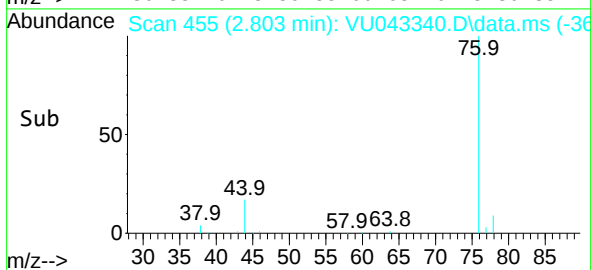
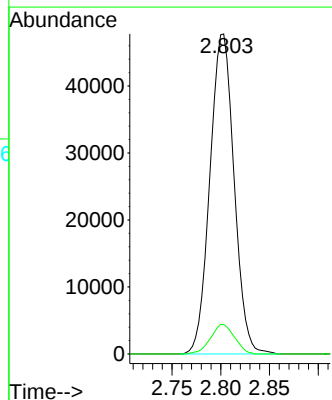
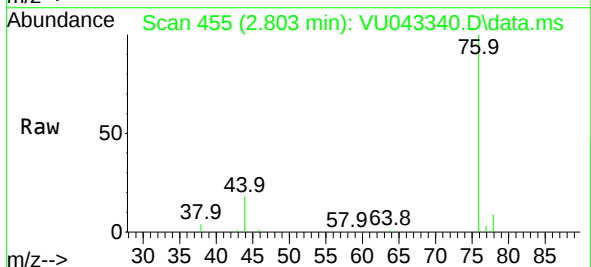
Instrument :
MSVOA_U
ClientSampleId :

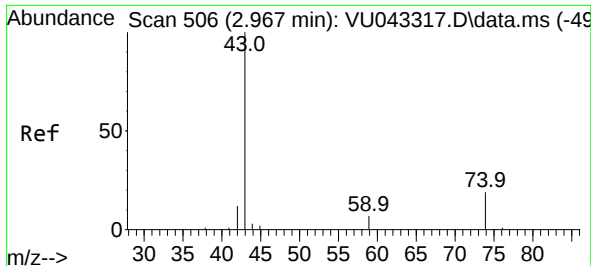
Tgt Ion: 43 Resp: 114050
Ion Ratio Lower Upper
43 100
58 26.7 0.0 25.0#



#14
Carbon disulfide
Concen: 5.19 ug/L
RT: 2.803 min Scan# 455
Delta R.T. 0.003 min
Lab File: VU043340.D
Acq: 26 Apr 2021 21:01

Tgt Ion: 76 Resp: 82420
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

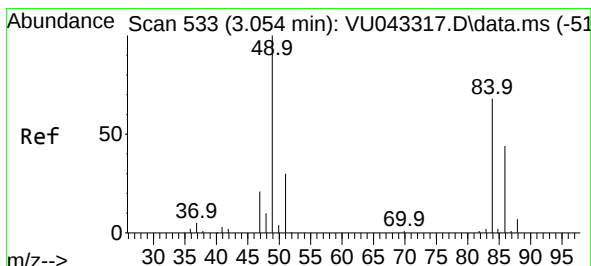
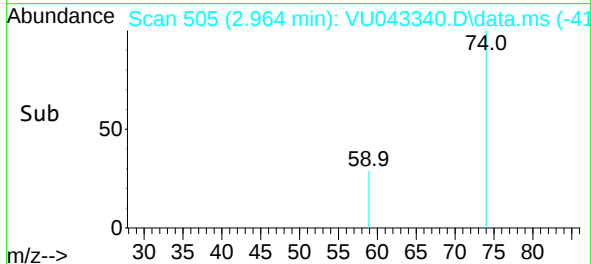
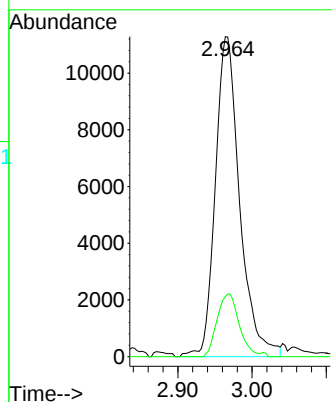
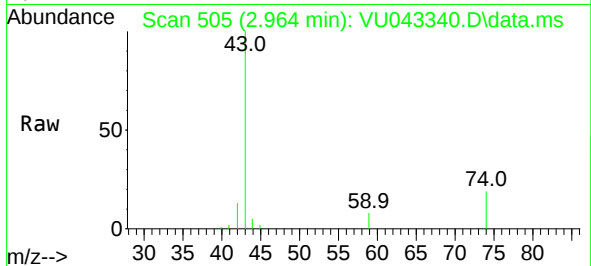




#15
Methyl Acetate
Concen: 7.45 ug/L
RT: 2.964 min Scan# 505
Delta R.T. -0.003 min
Lab File: VU043340.D
Acq: 26 Apr 2021 21:01

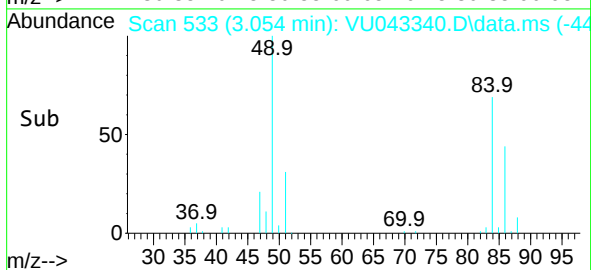
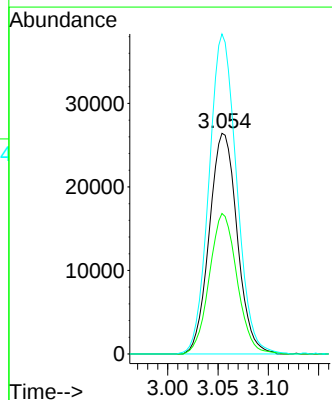
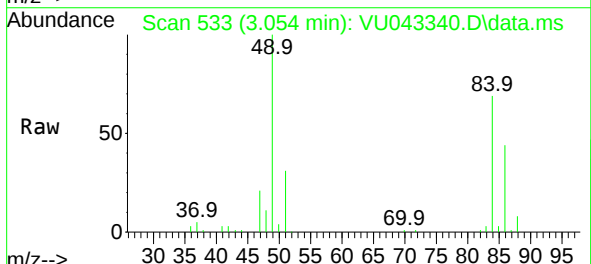
Instrument :
MSVOA_U
ClientSampled :

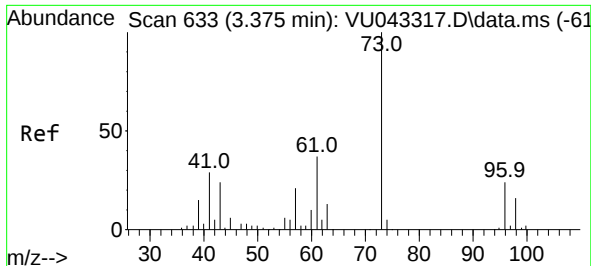
Tgt Ion: 43 Resp: 25725
Ion Ratio Lower Upper
43 100
74 17.7 21.5 32.3#



#16
Methylene chloride
Concen: 6.33 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU043340.D
Acq: 26 Apr 2021 21:01

Tgt Ion: 84 Resp: 51031
Ion Ratio Lower Upper
84 100
86 63.7 44.9 83.5
49 145.0 79.0 146.8

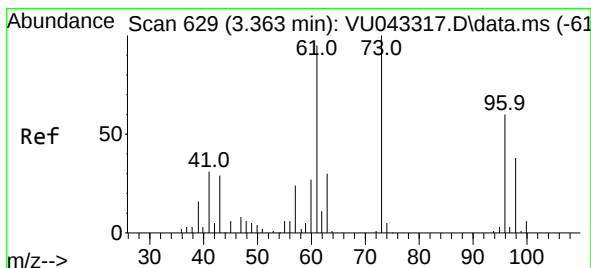
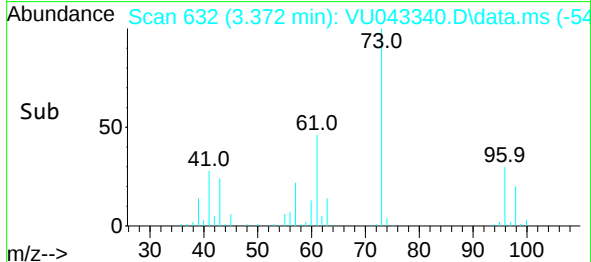
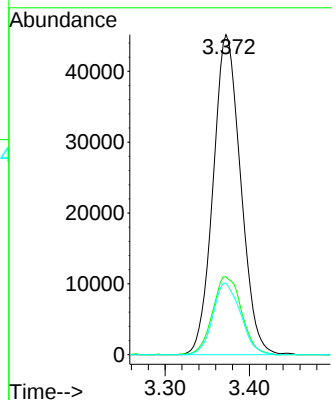
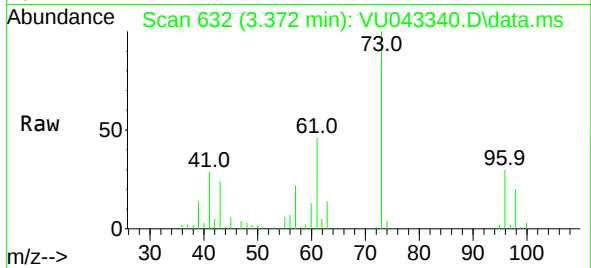




#17
Methyl tert-butyl Ether
Concen: 5.03 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.003 min
Lab File: VU043340.D
Acq: 26 Apr 2021 21:01

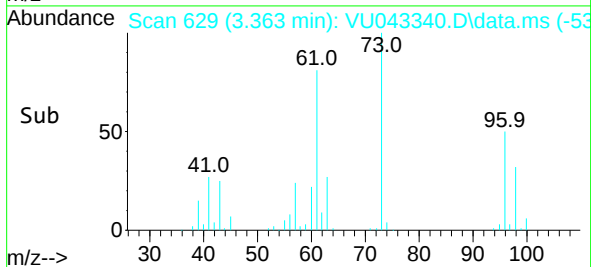
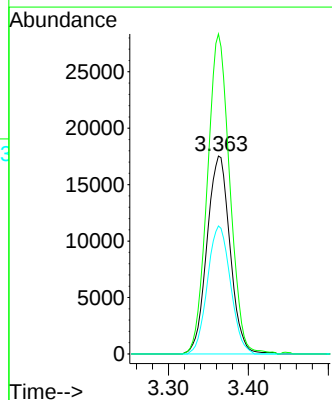
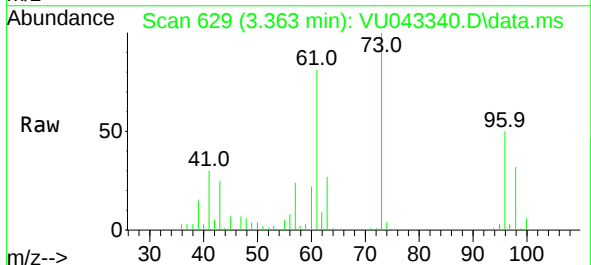
Instrument :
MSVOA_U
ClientSampleId :

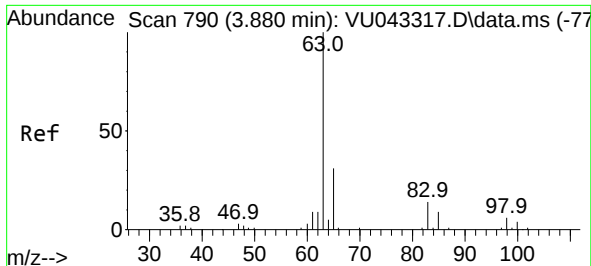
Tgt Ion: 73 Resp: 102318
Ion Ratio Lower Upper
73 100
43 25.7 15.0 22.4#
57 22.6 17.3 25.9



#18
trans-1,2-Dichloroethene
Concen: 5.30 ug/L
RT: 3.363 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU043340.D
Acq: 26 Apr 2021 21:01

Tgt Ion: 96 Resp: 35173
Ion Ratio Lower Upper
96 100
61 161.7 96.6 179.4
98 64.6 44.7 82.9





#19

1,1-Dichloroethane

Concen: 5.71 ug/L

RT: 3.880 min Scan# 790

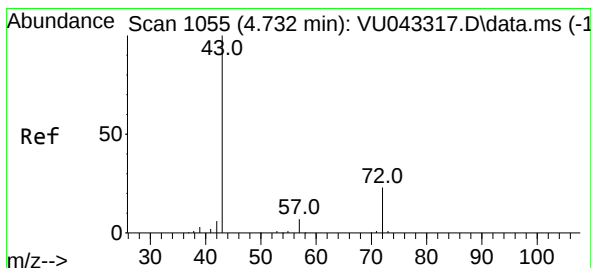
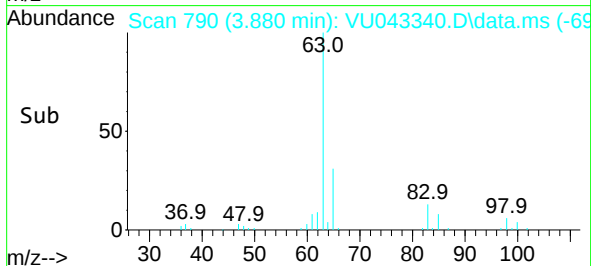
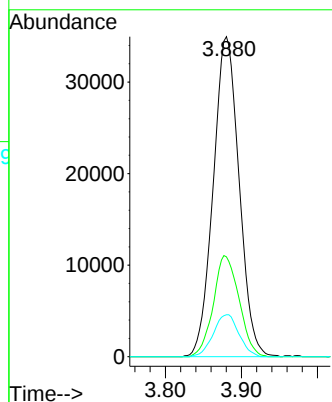
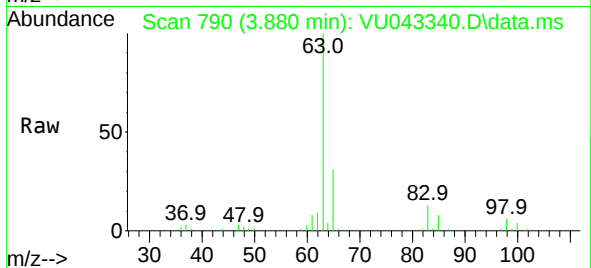
Delta R.T. -0.000 min

Lab File: VU043340.D

Acq: 26 Apr 2021 21:01

Tgt Ion:	63	Resp:	82504
Ion	Ratio	Lower	Upper
63	100		
65	31.2	23.2	43.0
83	13.1	9.9	18.3

Instrument :
MSVOA_U
ClientSampleId :



#21

2-Butanone

Concen: 61.08 ug/L

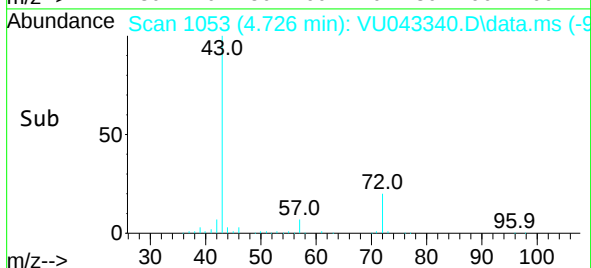
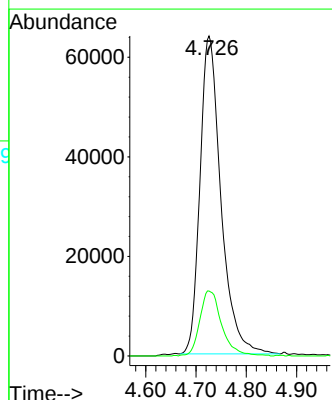
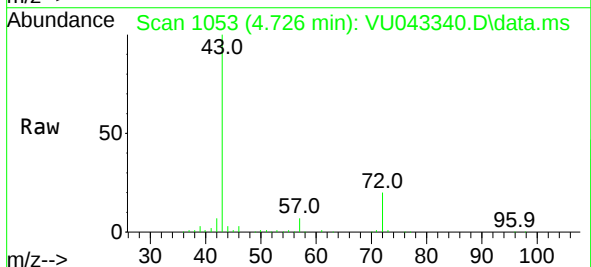
RT: 4.726 min Scan# 1053

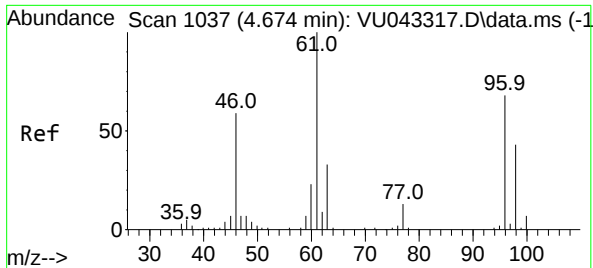
Delta R.T. -0.006 min

Lab File: VU043340.D

Acq: 26 Apr 2021 21:01

Tgt Ion:	43	Resp:	185048
Ion	Ratio	Lower	Upper
43	100		
72	21.3	15.8	47.3

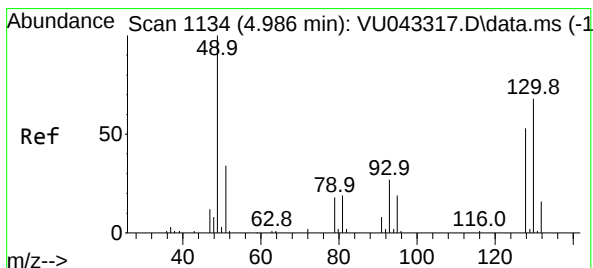
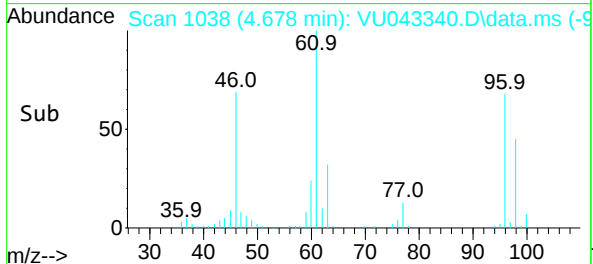
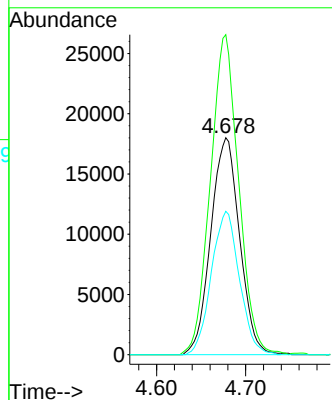
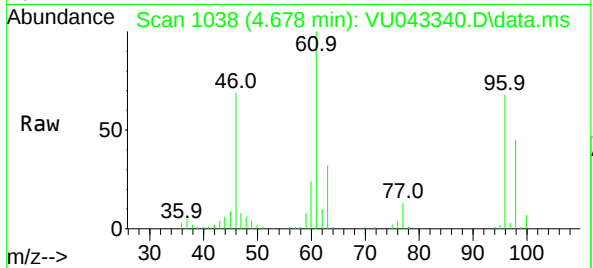




#22
cis-1,2-Dichloroethene
Concen: 5.15 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VU043340.D
Acq: 26 Apr 2021 21:01

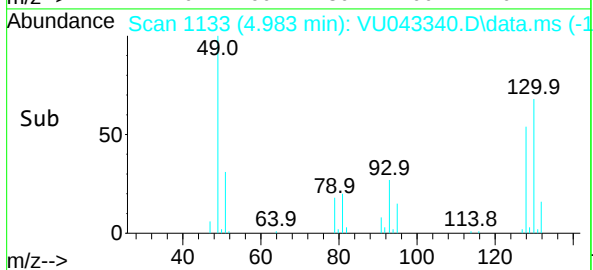
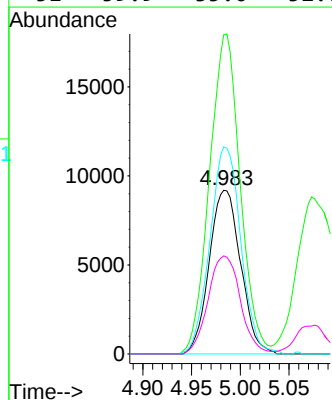
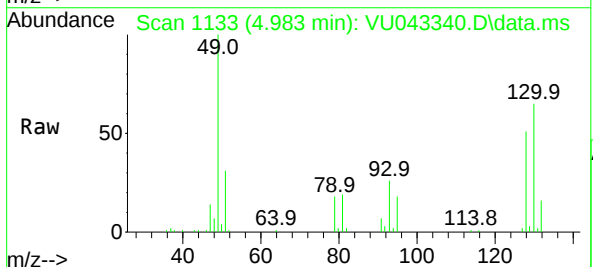
Instrument :
MSVOA_U
ClientSampled :

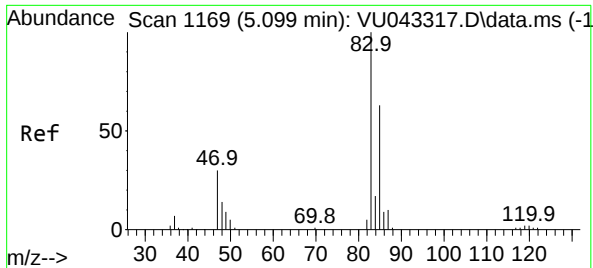
Tgt Ion: 96 Resp: 40494
Ion Ratio Lower Upper
96 100
61 147.5 87.4 162.4
98 66.1 47.7 88.5



#23
Bromochloromethane
Concen: 5.77 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. -0.003 min
Lab File: VU043340.D
Acq: 26 Apr 2021 21:01

Tgt Ion:128 Resp: 20672
Ion Ratio Lower Upper
128 100
49 195.1 96.4 179.0#
130 126.6 91.2 169.4
51 59.9 35.0 52.6#

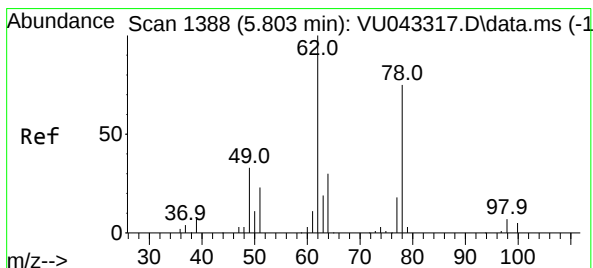
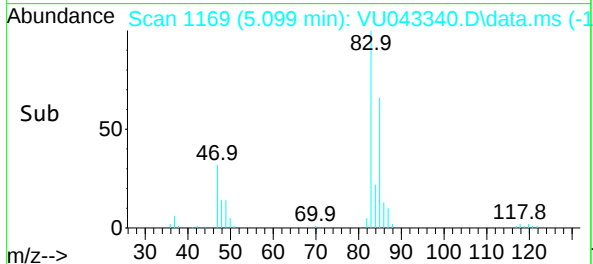
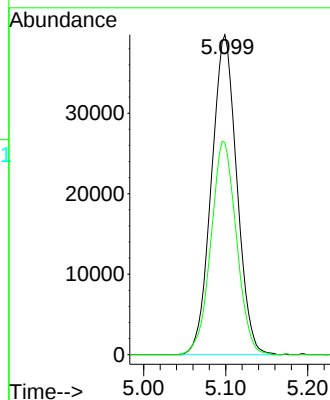
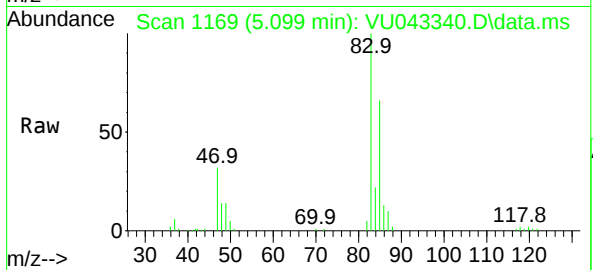




#25
Chloroform
Concen: 5.55 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043340.D
Acq: 26 Apr 2021 21:01

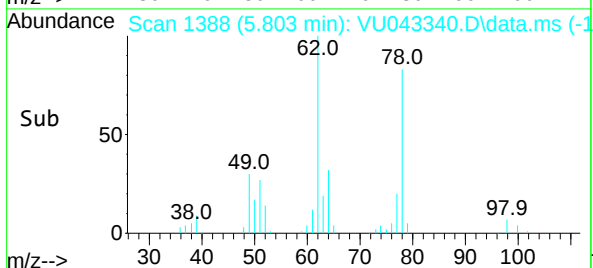
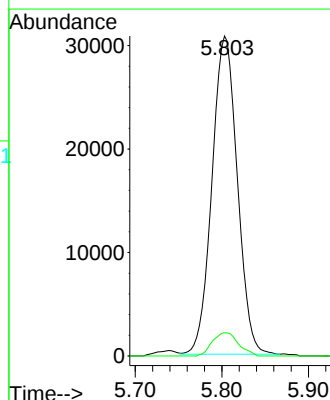
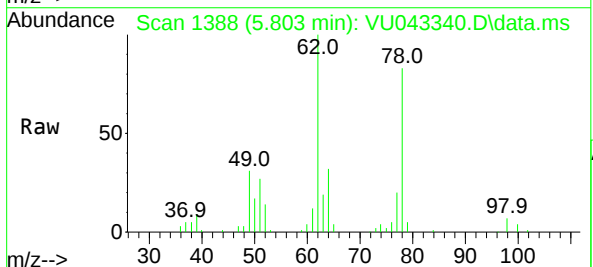
Instrument :
MSVOA_U
ClientSampled :

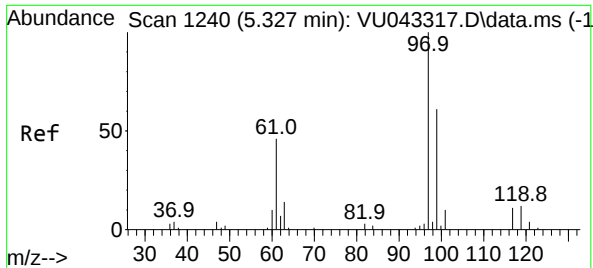
Tgt Ion: 83 Resp: 85525
Ion Ratio Lower Upper
83 100
85 66.3 45.6 84.8



#27
1,2-Dichloroethane
Concen: 5.52 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VU043340.D
Acq: 26 Apr 2021 21:01

Tgt Ion: 62 Resp: 62437
Ion Ratio Lower Upper
62 100
98 7.2 7.5 11.3#





#29

1,1,1-Trichloroethane

Concen: 5.18 ug/L

RT: 5.327 min Scan# 1240

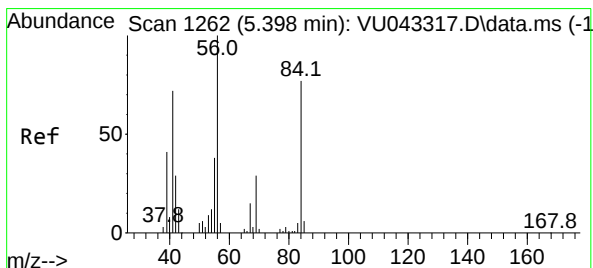
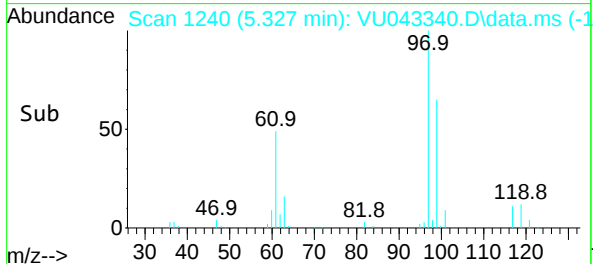
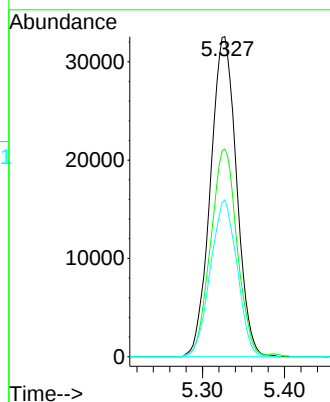
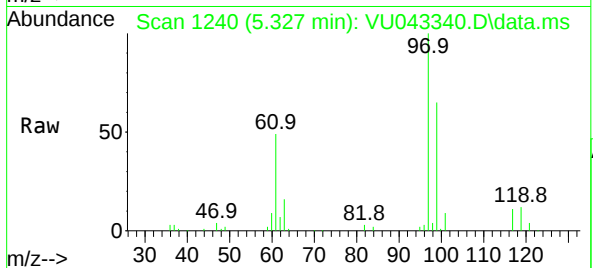
Delta R.T. -0.000 min

Lab File: VU043340.D

Acq: 26 Apr 2021 21:01

Tgt Ion:	97	Resp:	72010
Ion	Ratio	Lower	Upper
97	100		
99	65.8	50.3	75.5
61	50.1	32.7	49.1#

Instrument :
MSVOA_U
ClientSampled :



#30

Cyclohexane

Concen: 4.73 ug/L

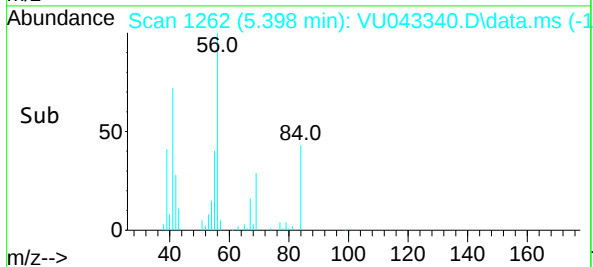
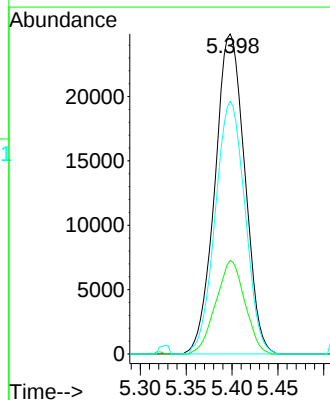
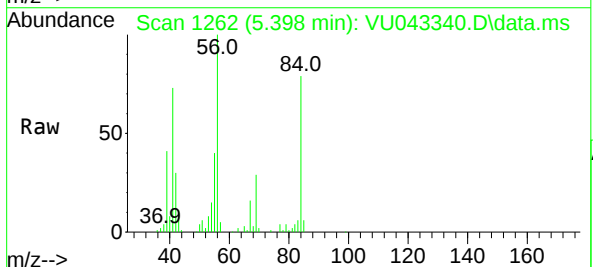
RT: 5.398 min Scan# 1262

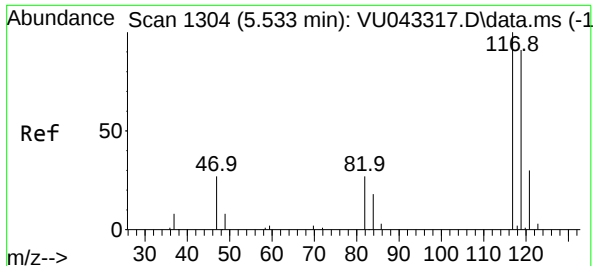
Delta R.T. -0.000 min

Lab File: VU043340.D

Acq: 26 Apr 2021 21:01

Tgt Ion:	56	Resp:	56298
Ion	Ratio	Lower	Upper
56	100		
69	28.4	25.2	37.8
84	78.7	76.2	114.4

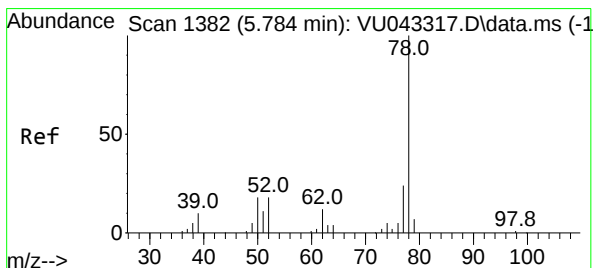
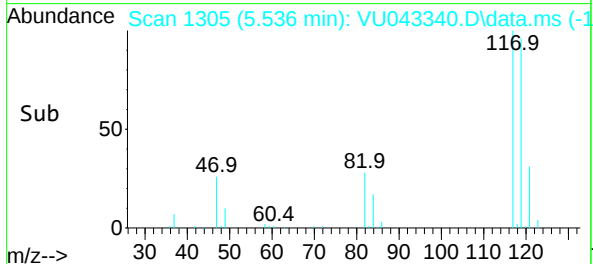
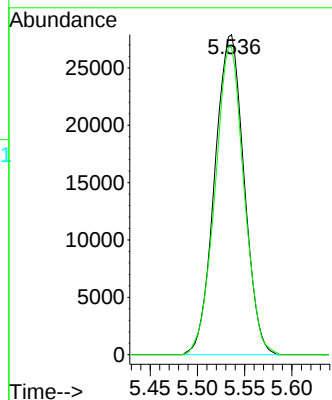
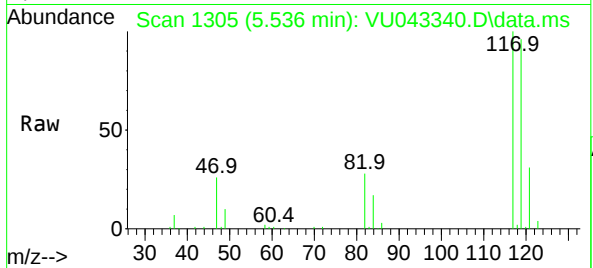




#31
Carbon tetrachloride
Concen: 5.20 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. 0.003 min
Lab File: VU043340.D
Acq: 26 Apr 2021 21:01

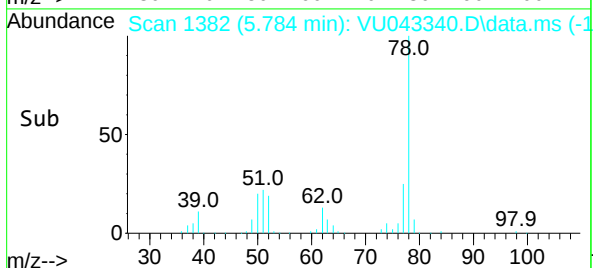
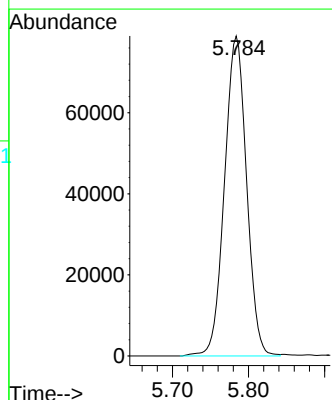
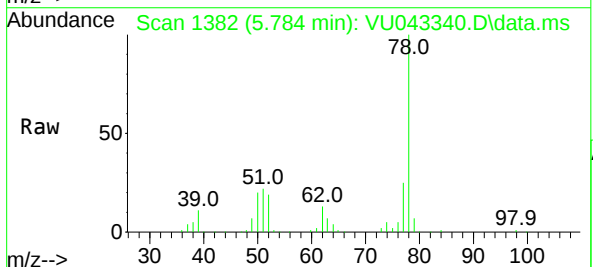
Instrument :
MSVOA_U
ClientSampled :

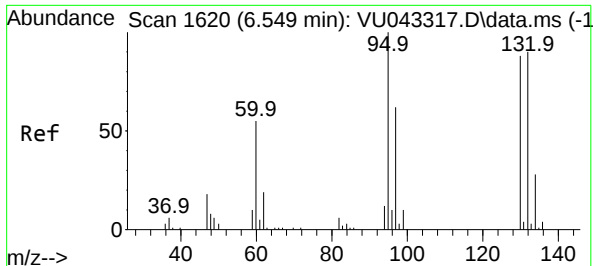
Tgt Ion:117 Resp: 60210
Ion Ratio Lower Upper
117 100
119 95.1 76.2 114.4



#33
Benzene
Concen: 5.28 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU043340.D
Acq: 26 Apr 2021 21:01

Tgt Ion: 78 Resp: 158926





#34

Trichloroethene

Concen: 4.85 ug/L

RT: 6.552 min Scan# 1621

Delta R.T. 0.003 min

Lab File: VU043340.D

Acq: 26 Apr 2021 21:01

Tgt Ion: 95 Resp: 40208

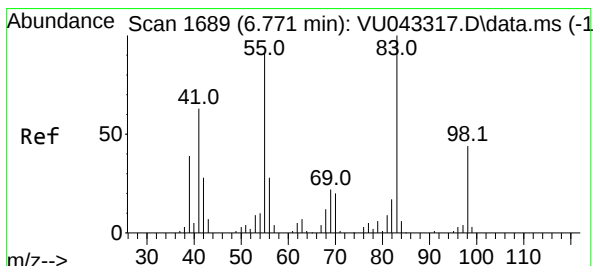
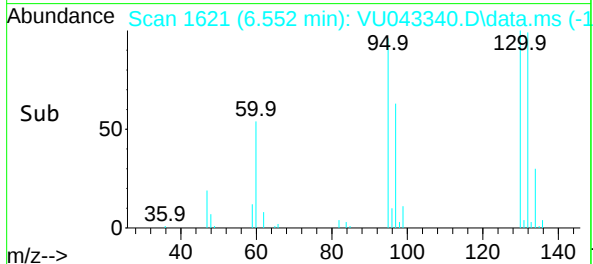
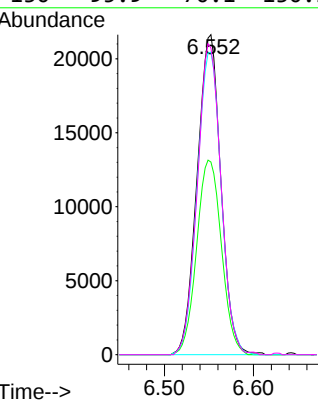
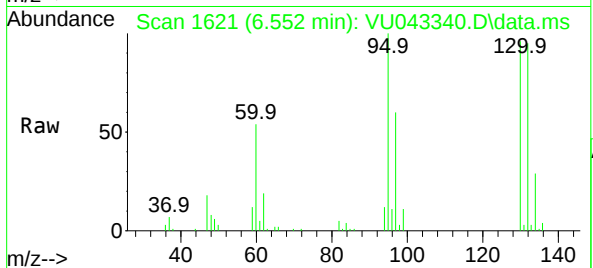
Ion Ratio Lower Upper

95 100

97 60.2 45.8 85.2

132 94.6 68.7 127.7

130 95.9 70.1 130.3



#35

Methylcyclohexane

Concen: 4.17 ug/L

RT: 6.771 min Scan# 1689

Delta R.T. -0.000 min

Lab File: VU043340.D

Acq: 26 Apr 2021 21:01

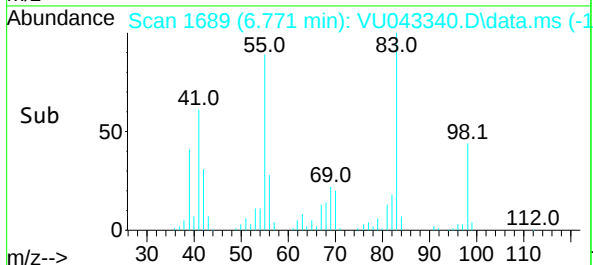
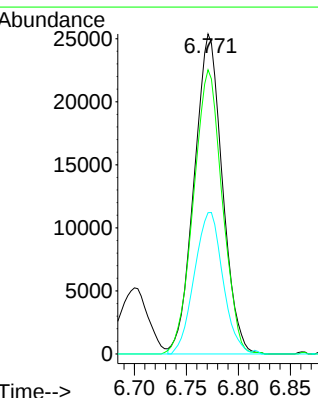
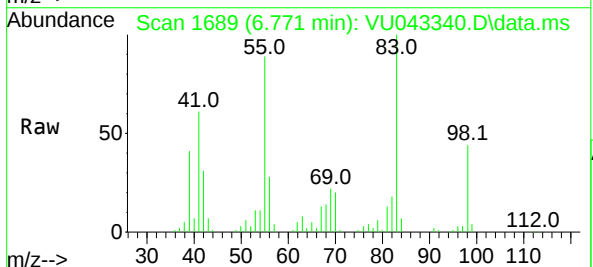
Tgt Ion: 83 Resp: 47799

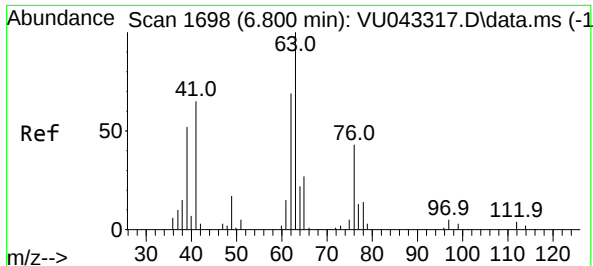
Ion Ratio Lower Upper

83 100

55 90.8 59.5 89.3#

98 44.6 37.9 56.9





#37

1,2-Dichloropropane

Concen: 5.51 ug/L

RT: 6.800 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VU043340.D

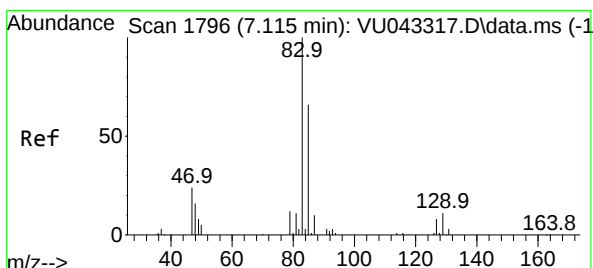
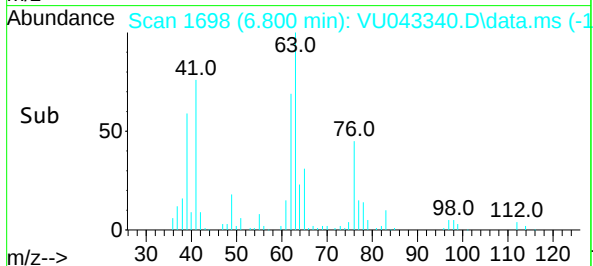
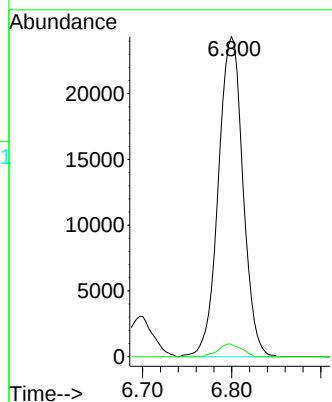
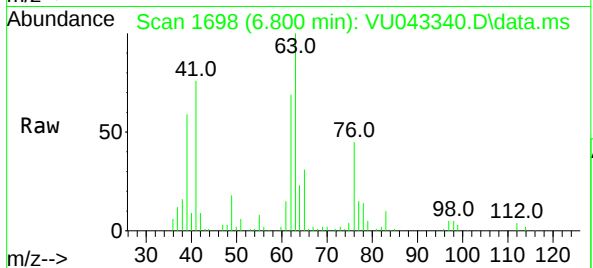
Acq: 26 Apr 2021 21:01

Tgt Ion: 63 Resp: 46696

Ion Ratio Lower Upper

63 100

112 3.8 3.5 5.3



#38

Bromodichloromethane

Concen: 5.49 ug/L

RT: 7.112 min Scan# 1795

Delta R.T. -0.003 min

Lab File: VU043340.D

Acq: 26 Apr 2021 21:01

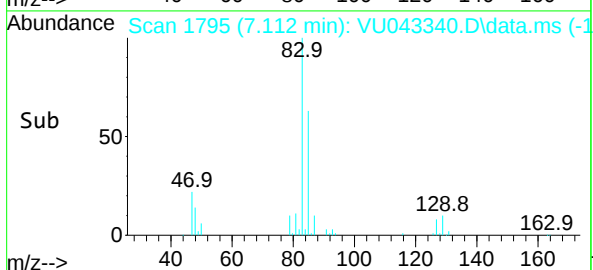
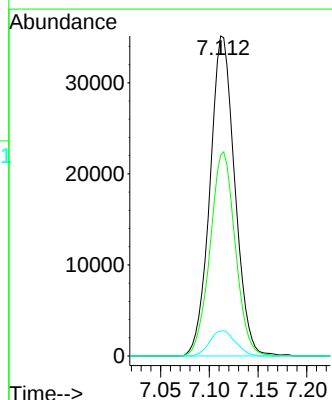
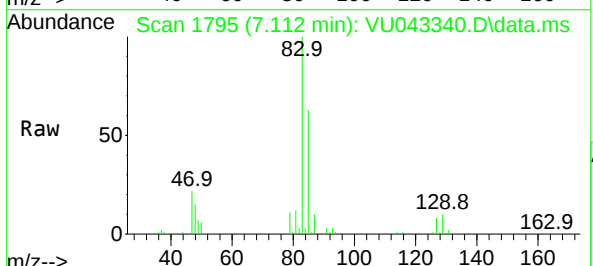
Tgt Ion: 83 Resp: 62434

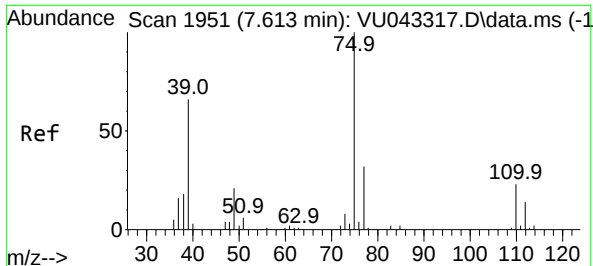
Ion Ratio Lower Upper

83 100

85 62.9 44.6 82.8

127 7.8 7.4 11.2

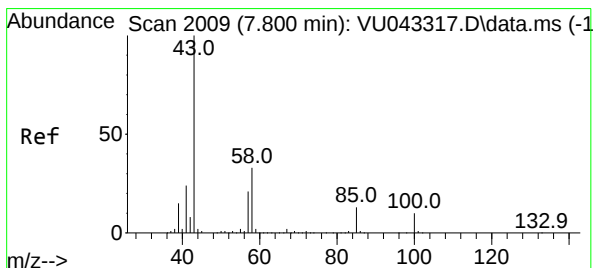
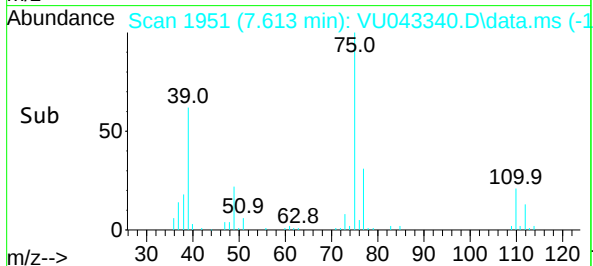
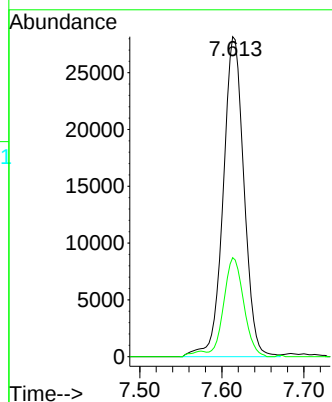
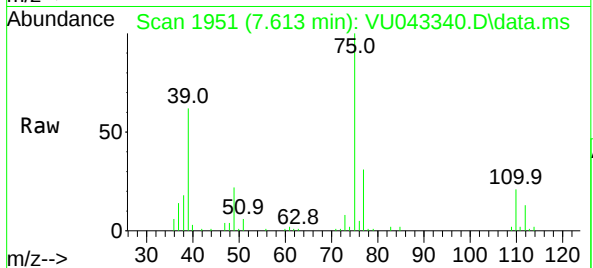




#39
 cis-1,3-Dichloropropene
 Concen: 4.02 ug/L
 RT: 7.613 min Scan# 1951
 Delta R.T. -0.000 min
 Lab File: VU043340.D
 Acq: 26 Apr 2021 21:01

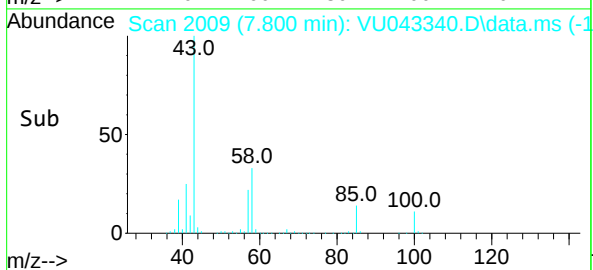
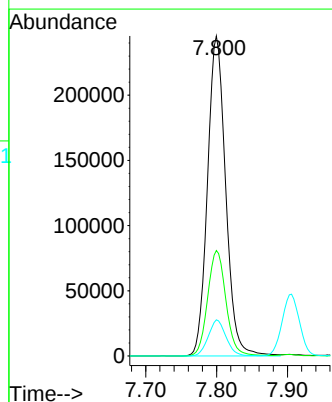
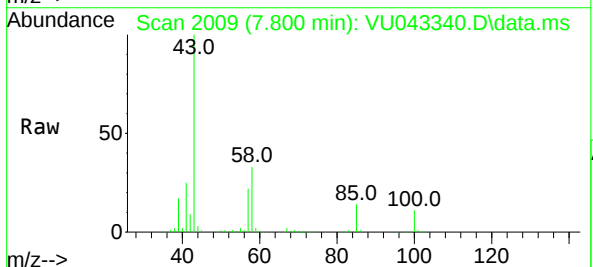
Instrument :
 MSVOA_U
 ClientSampled :

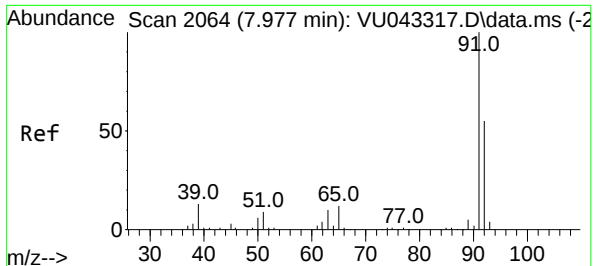
Tgt Ion: 75 Resp: 49734
 Ion Ratio Lower Upper
 75 100
 77 31.0 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 57.78 ug/L
 RT: 7.800 min Scan# 2009
 Delta R.T. -0.000 min
 Lab File: VU043340.D
 Acq: 26 Apr 2021 21:01

Tgt Ion: 43 Resp: 437804
 Ion Ratio Lower Upper
 43 100
 58 33.2 35.8 53.6#
 100 11.0 15.1 22.7#

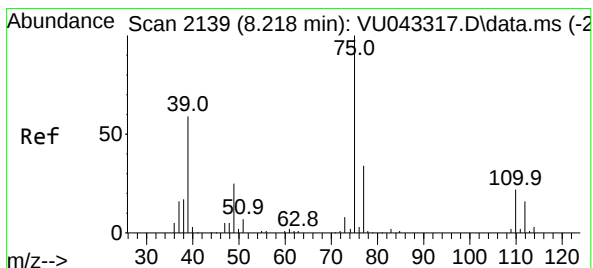
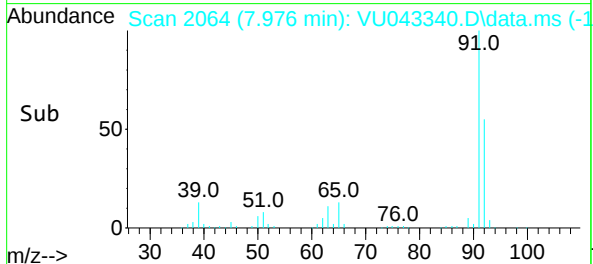
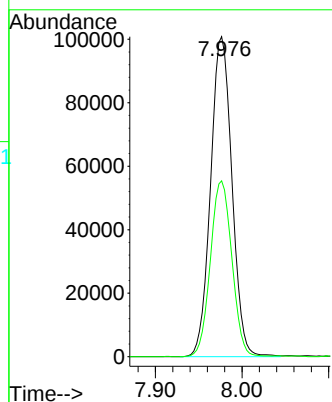
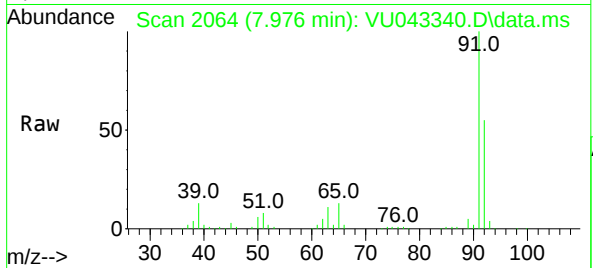




#42
Toluene
Concen: 5.13 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043340.D
Acq: 26 Apr 2021 21:01

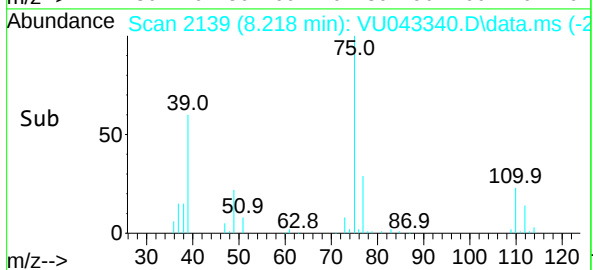
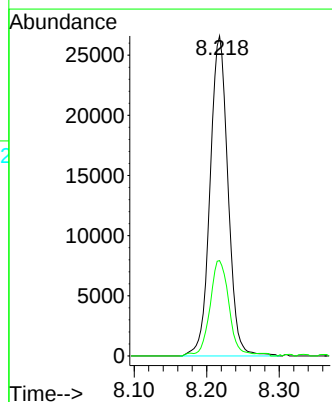
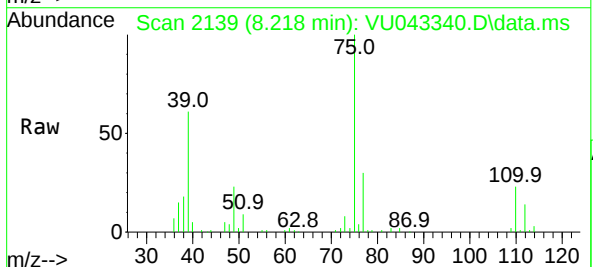
Instrument :
MSVOA_U
ClientSampled :

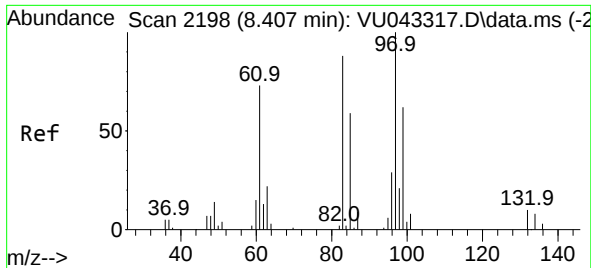
Tgt Ion: 91 Resp: 172647
Ion Ratio Lower Upper
91 100
92 54.9 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 3.92 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VU043340.D
Acq: 26 Apr 2021 21:01

Tgt Ion: 75 Resp: 45726
Ion Ratio Lower Upper
75 100
77 29.8 23.4 43.4

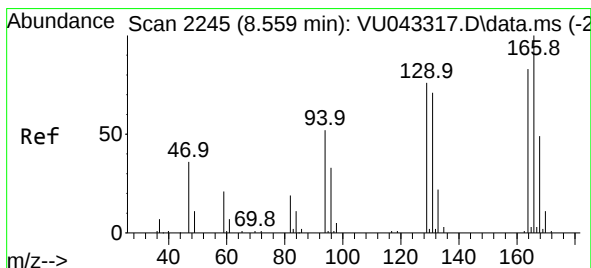
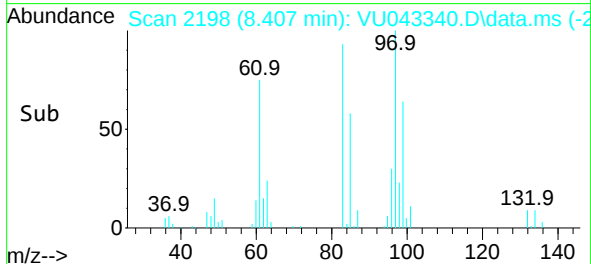
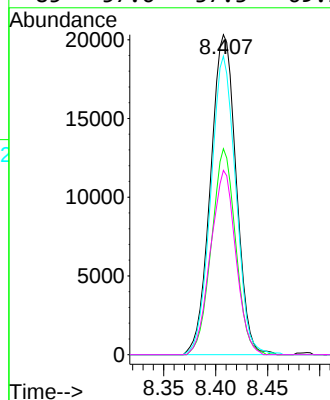
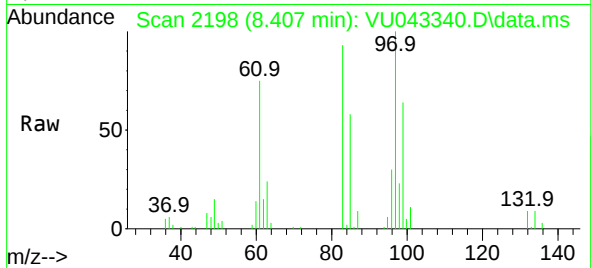




#45
1,1,2-Trichloroethane
Concen: 5.52 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VU043340.D
Acq: 26 Apr 2021 21:01

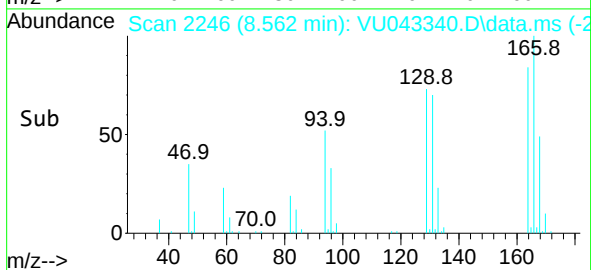
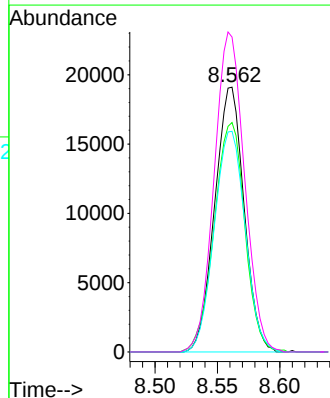
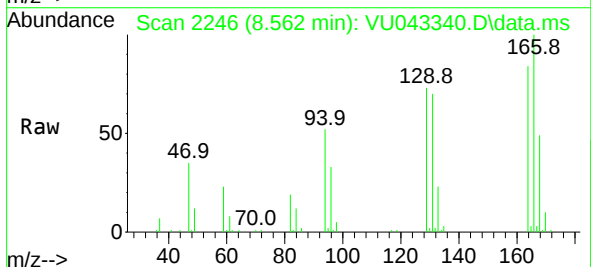
Instrument :
MSVOA_U
ClientSampleId :

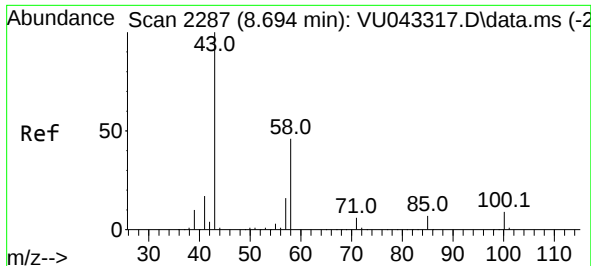
Tgt Ion:	97	Resp:	34924
Ion	Ratio	Lower	Upper
97	100		
99	64.4	44.2	82.0
83	93.3	60.1	111.7
85	57.6	37.3	69.3



#47
Tetrachloroethene
Concen: 4.76 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU043340.D
Acq: 26 Apr 2021 21:01

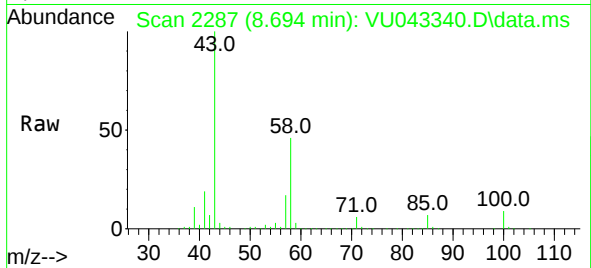
Tgt Ion:	164	Resp:	31302
Ion	Ratio	Lower	Upper
164	100		
129	86.6	66.6	123.8
131	83.3	65.9	122.3
166	118.9	93.7	173.9



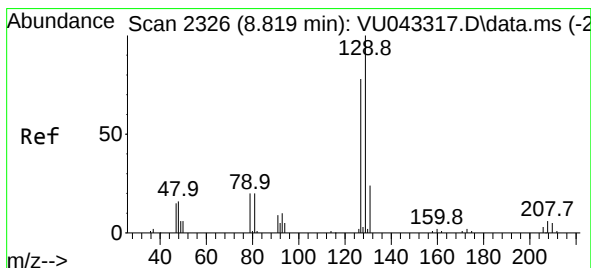
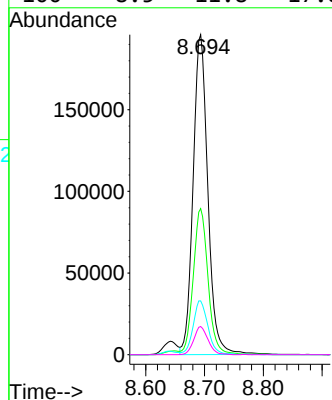
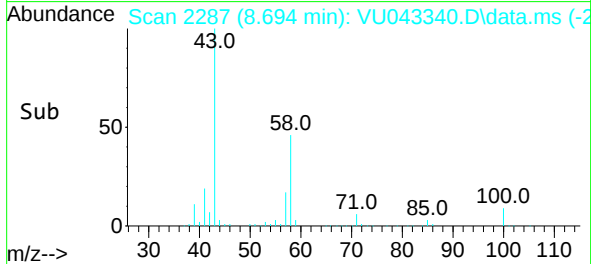


#48
2-Hexanone
Concen: 61.20 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VU043340.D
Acq: 26 Apr 2021 21:01

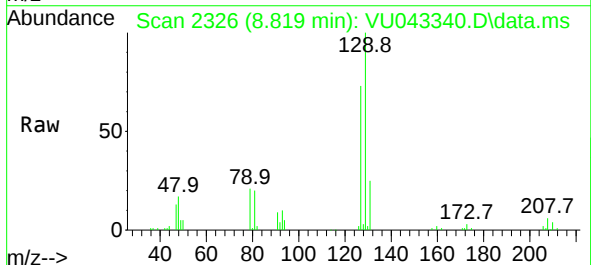
Instrument :
MSVOA_U
ClientSampled :



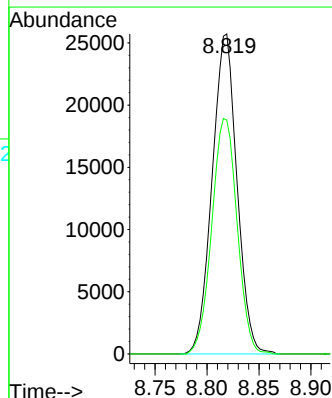
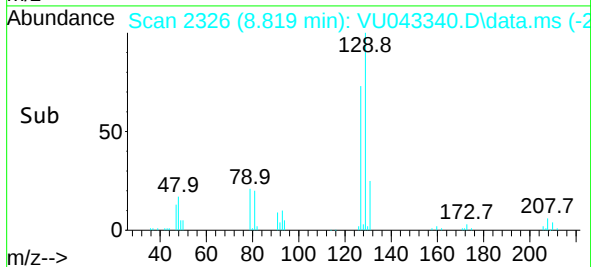
Tgt Ion: 43 Resp: 341242
Ion Ratio Lower Upper
43 100
58 45.4 50.0 75.0#
57 16.8 17.4 26.0#
100 8.5 11.8 17.8#

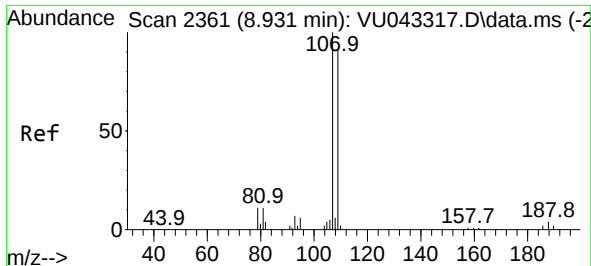


#49
Dibromochloromethane
Concen: 5.36 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VU043340.D
Acq: 26 Apr 2021 21:01



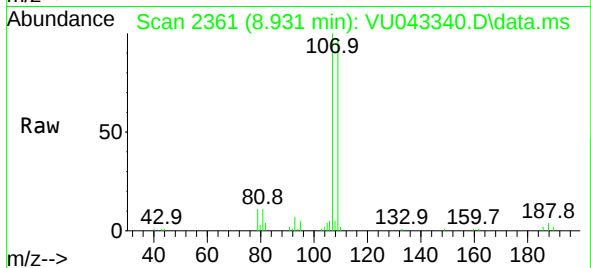
Tgt Ion: 129 Resp: 42775
Ion Ratio Lower Upper
129 100
127 73.1 56.6 105.2



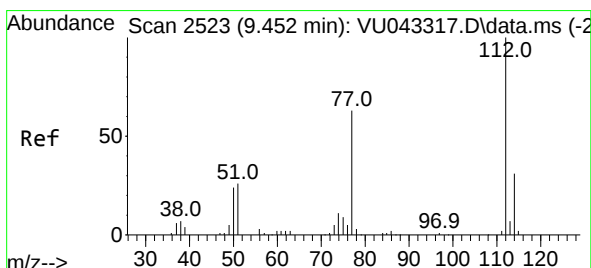
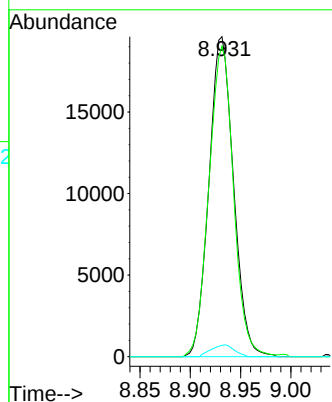
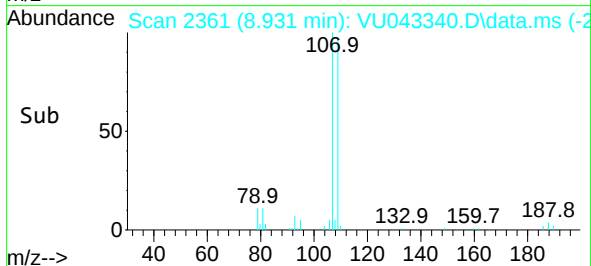


#50
1,2-Dibromoethane
Concen: 5.29 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VU043340.D
Acq: 26 Apr 2021 21:01

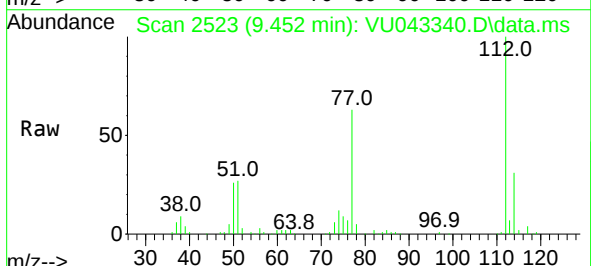
Instrument :
MSVOA_U
ClientSampled :



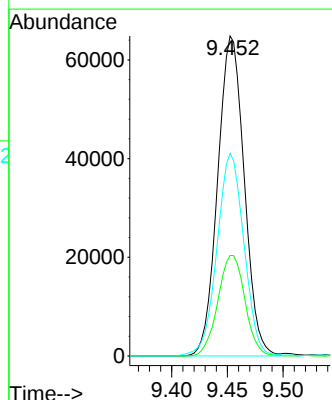
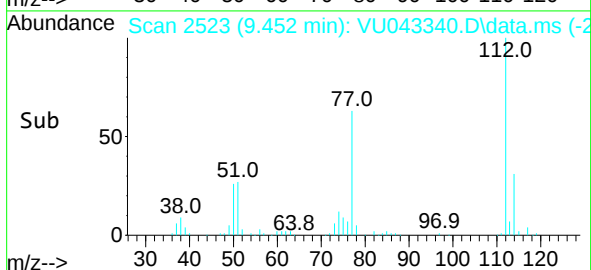
Tgt Ion:107 Resp: 33328
Ion Ratio Lower Upper
107 100
109 97.0 65.4 121.4
188 3.6 2.5 3.7

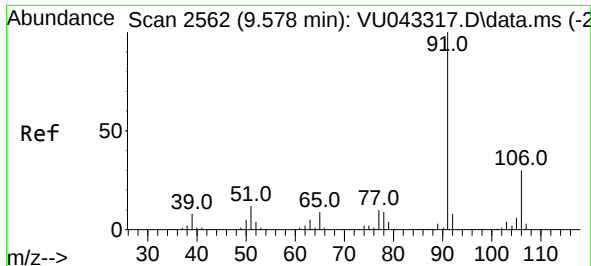


#51
Chlorobenzene
Concen: 5.02 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.000 min
Lab File: VU043340.D
Acq: 26 Apr 2021 21:01



Tgt Ion:112 Resp: 107535
Ion Ratio Lower Upper
112 100
114 31.4 21.9 40.7
77 63.3 45.1 67.7

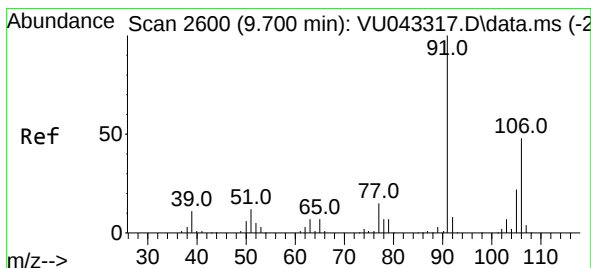
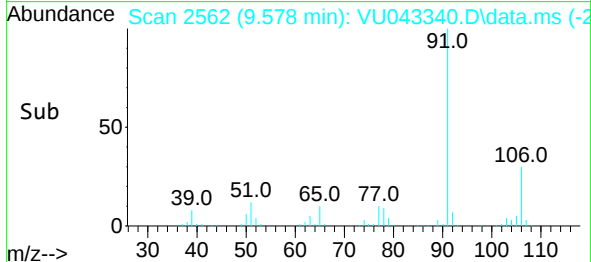
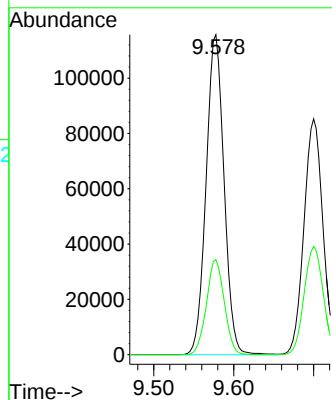
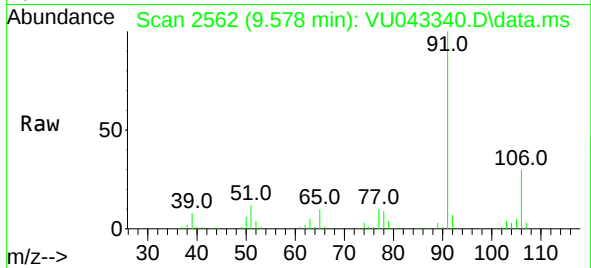




#52
Ethylbenzene
Concen: 4.70 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU043340.D
Acq: 26 Apr 2021 21:01

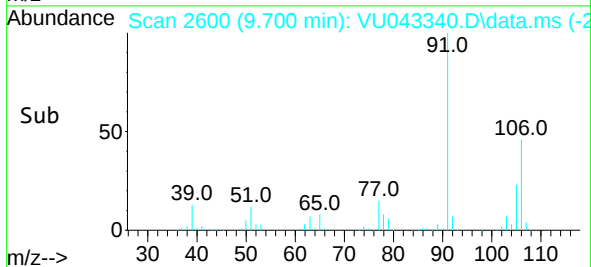
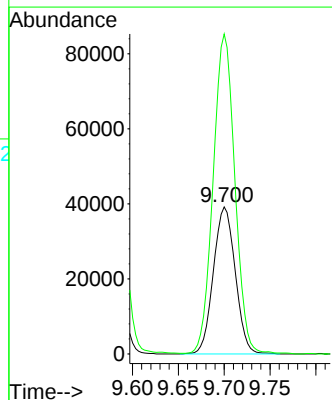
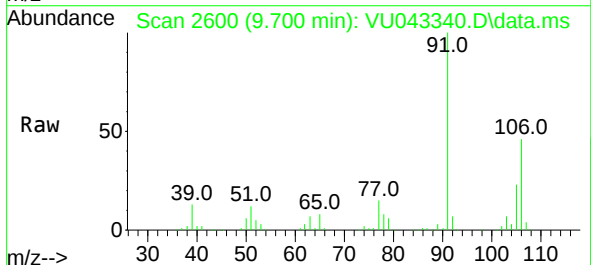
Instrument :
MSVOA_U
ClientSampled :

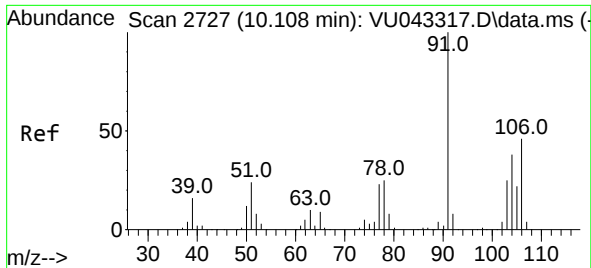
Tgt Ion: 91 Resp: 180904
Ion Ratio Lower Upper
91 100
106 29.7 22.0 40.8



#53
m,p-Xylene
Concen: 4.62 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU043340.D
Acq: 26 Apr 2021 21:01

Tgt Ion:106 Resp: 65042
Ion Ratio Lower Upper
106 100
91 217.7 137.6 255.6

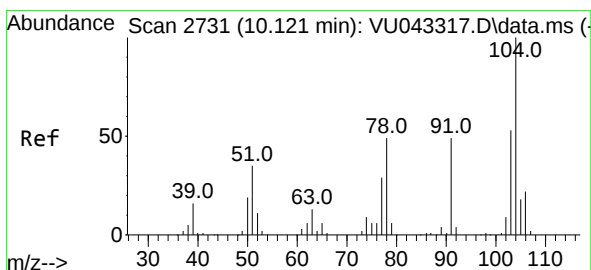
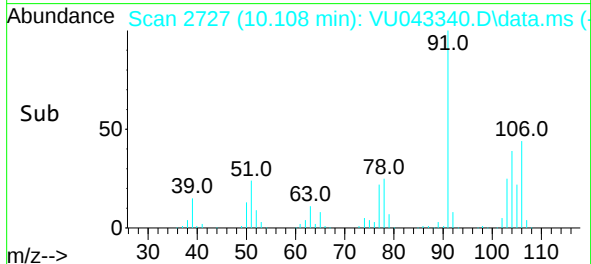
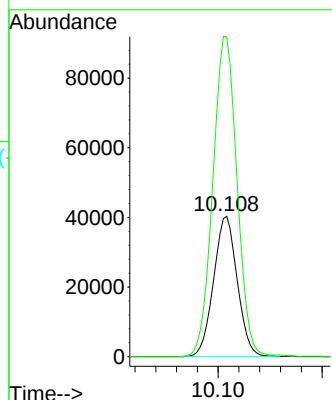
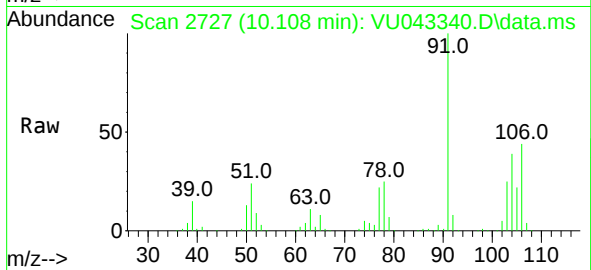




#54
o-Xylene
Concen: 4.57 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU043340.D
Acq: 26 Apr 2021 21:01

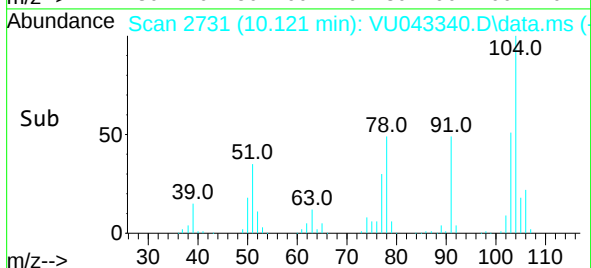
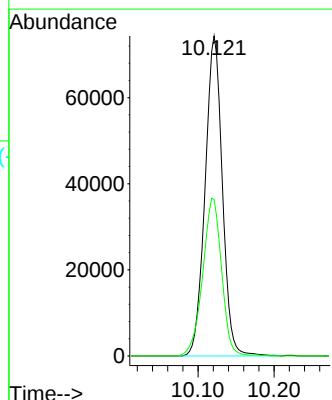
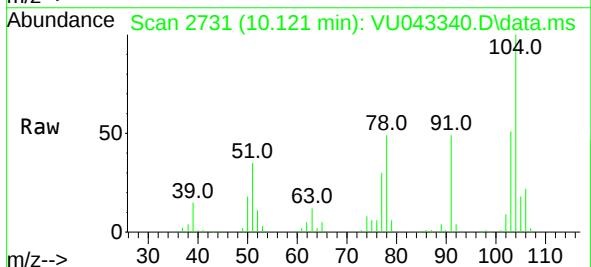
Instrument :
MSVOA_U
ClientSampled :

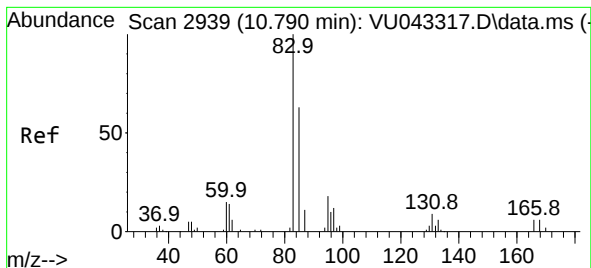
Tgt Ion:106 Resp: 63683
Ion Ratio Lower Upper
106 100
91 228.0 148.5 275.9



#55
Styrene
Concen: 4.91 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU043340.D
Acq: 26 Apr 2021 21:01

Tgt Ion:104 Resp: 117264
Ion Ratio Lower Upper
104 100
78 48.9 32.3 60.1

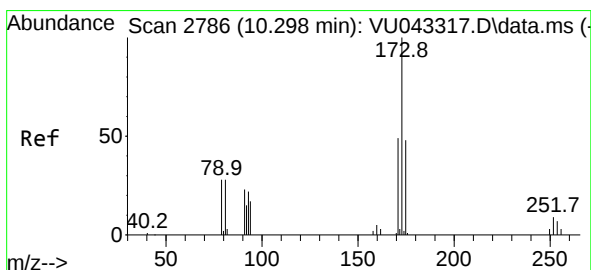
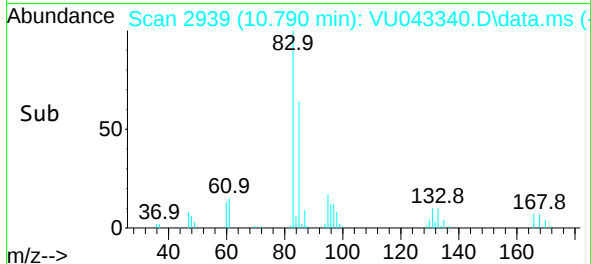
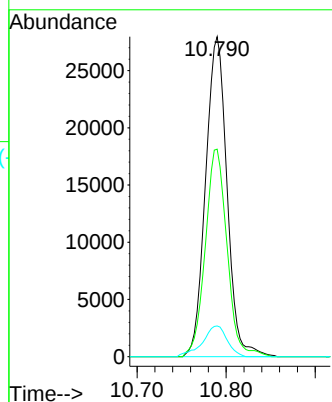
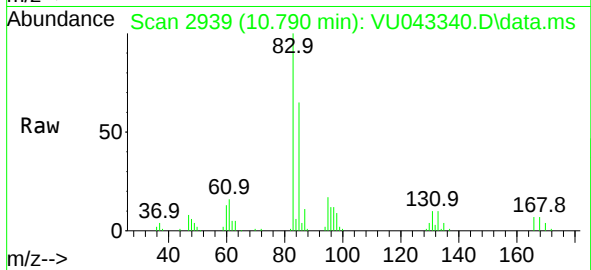




#57
1,1,2,2-Tetrachloroethane
Concen: 5.60 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU043340.D
Acq: 26 Apr 2021 21:01

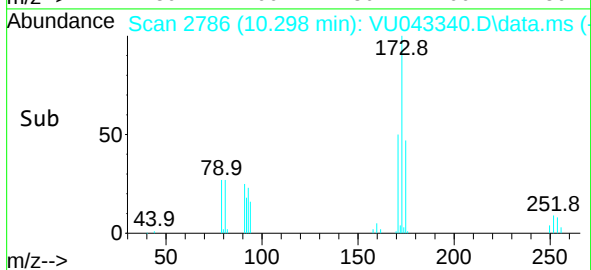
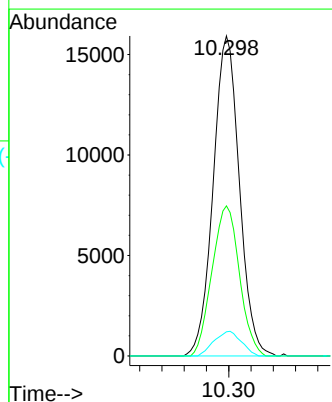
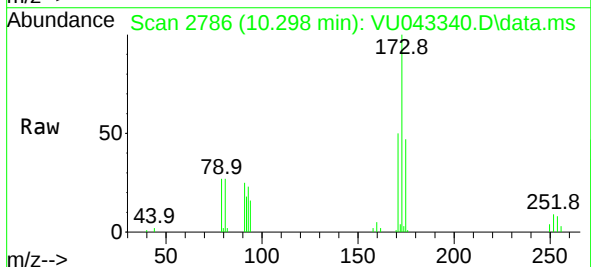
Instrument :
MSVOA_U
ClientSampleId :

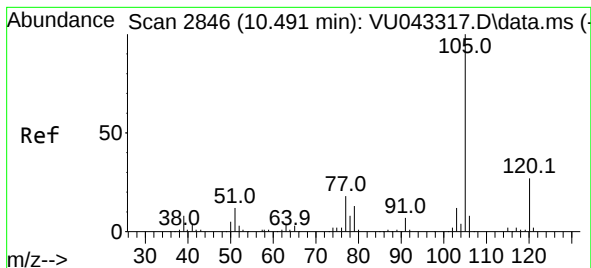
Tgt Ion: 83 Resp: 46631
Ion Ratio Lower Upper
83 100
85 64.9 44.9 83.5
131 9.6 8.2 12.4



#59
Bromoform
Concen: 5.33 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VU043340.D
Acq: 26 Apr 2021 21:01

Tgt Ion:173 Resp: 25980
Ion Ratio Lower Upper
173 100
175 49.0 39.4 59.0
254 8.0 8.0 12.0





#60

Isopropylbenzene

Concen: 4.67 ug/L

RT: 10.491 min Scan# 2846

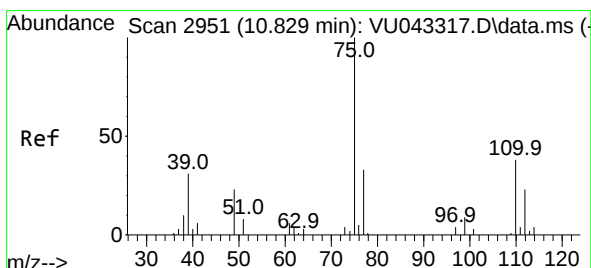
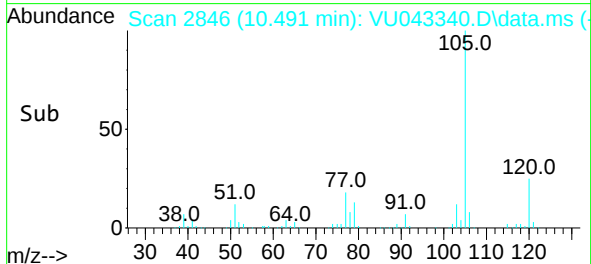
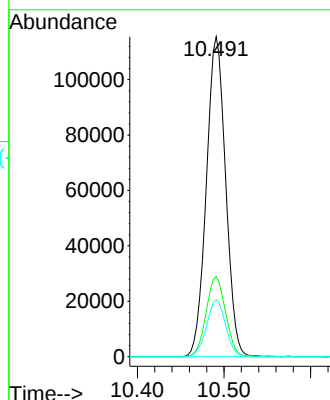
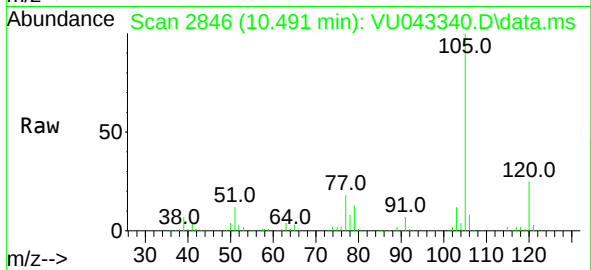
Delta R.T. -0.000 min

Lab File: VU043340.D

Acq: 26 Apr 2021 21:01

Tgt Ion:	105	Resp:	178520
Ion Ratio	Lower	Upper	
105	100		
120	25.3	20.9	31.3
77	17.7	11.8	17.8

Instrument :
MSVOA_U
ClientSampled :



#61

1,2,3-Trichloropropane

Concen: 5.66 ug/L

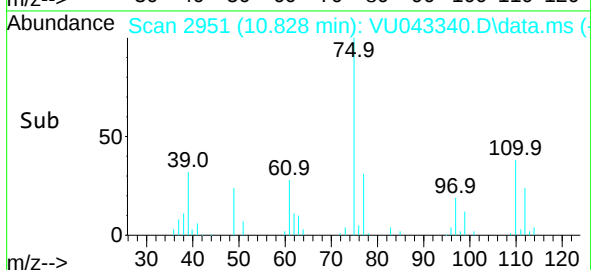
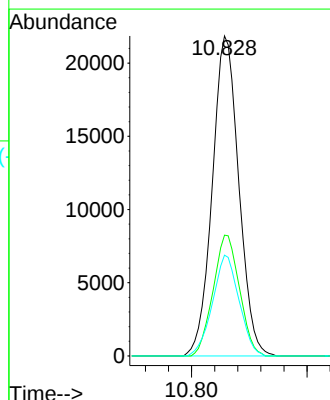
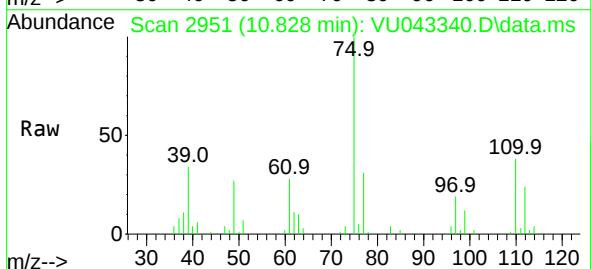
RT: 10.828 min Scan# 2951

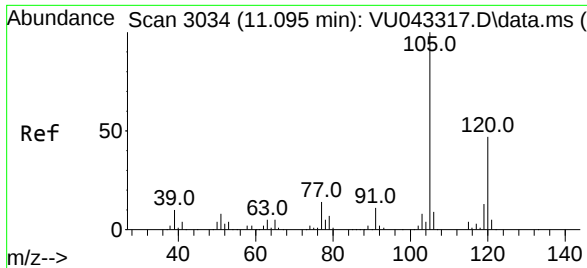
Delta R.T. -0.000 min

Lab File: VU043340.D

Acq: 26 Apr 2021 21:01

Tgt Ion:	75	Resp:	34822
Ion Ratio	Lower	Upper	
75	100		
110	37.5	31.5	47.3
77	31.5	26.3	39.5

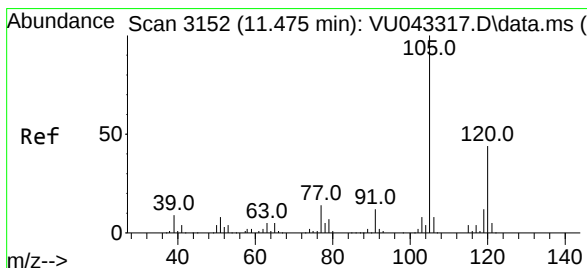
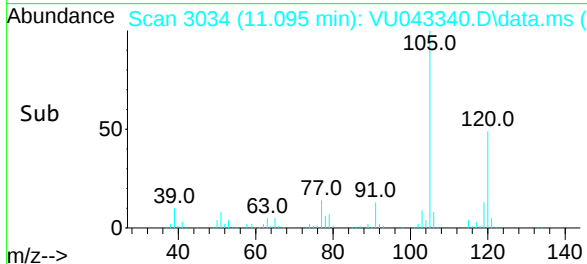
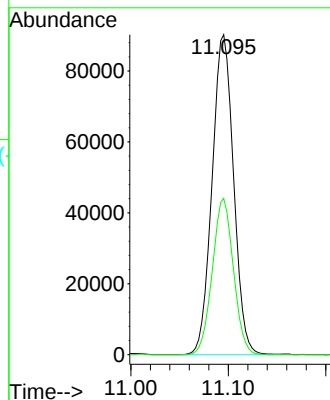
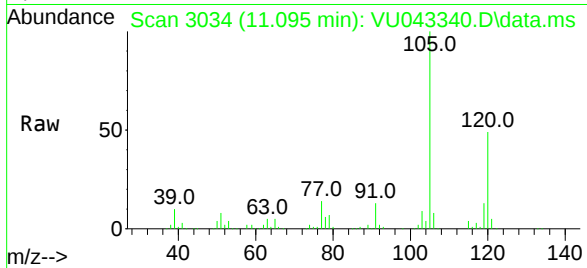




#62
1,3,5-Trimethylbenzene
Concen: 4.42 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU043340.D
Acq: 26 Apr 2021 21:01

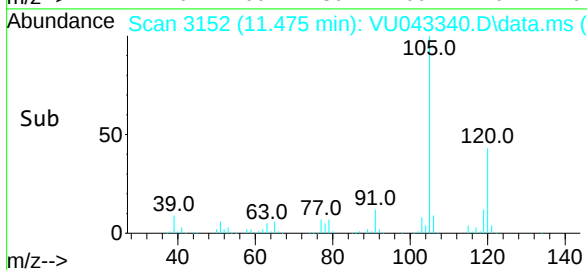
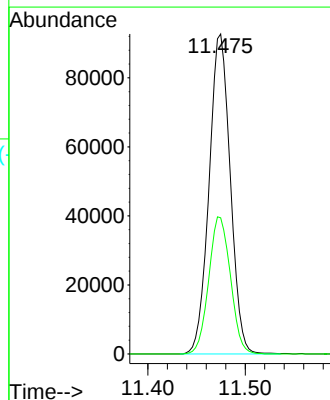
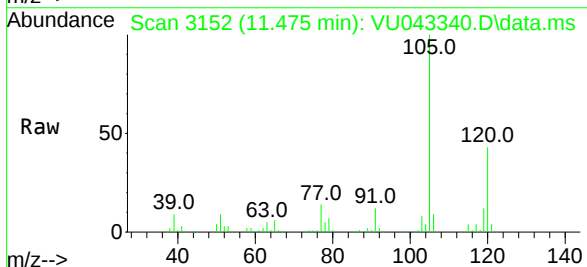
Tgt Ion:105 Resp: 138357
Ion Ratio Lower Upper
105 100
120 47.8 39.5 59.3

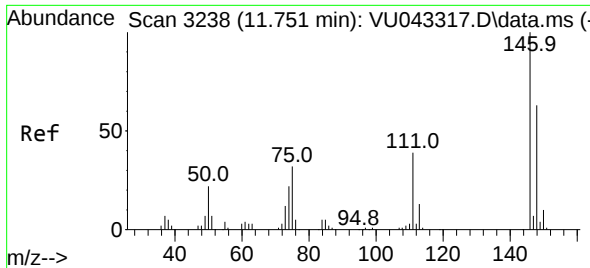
Instrument :
MSVOA_U
ClientSampleId :



#63
1,2,4-Trimethylbenzene
Concen: 4.36 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043340.D
Acq: 26 Apr 2021 21:01

Tgt Ion:105 Resp: 140130
Ion Ratio Lower Upper
105 100
120 43.8 36.7 55.1

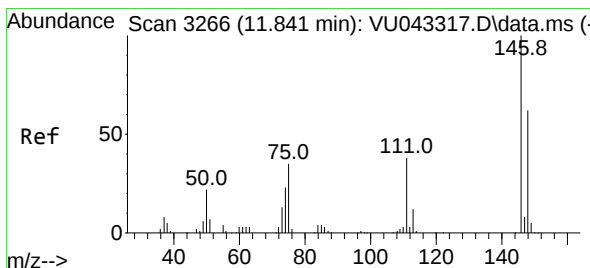
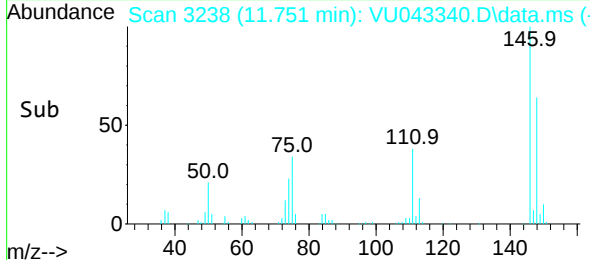
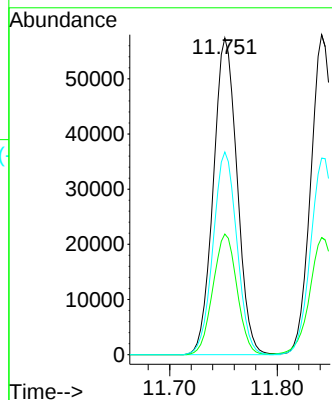
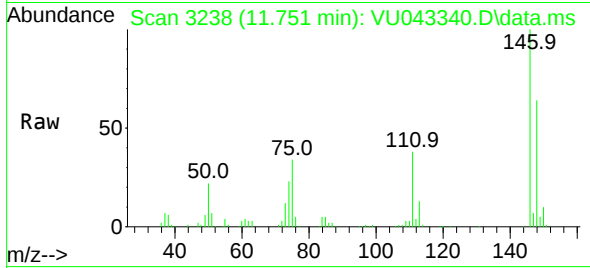




#64
1,3-Dichlorobenzene
Concen: 4.86 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.000 min
Lab File: VU043340.D
Acq: 26 Apr 2021 21:01

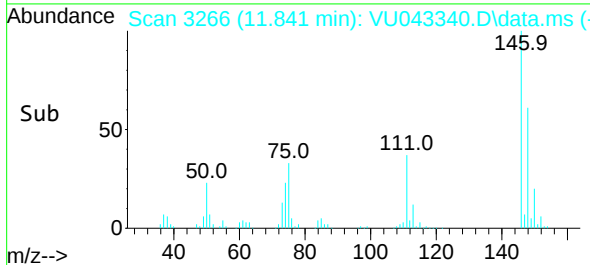
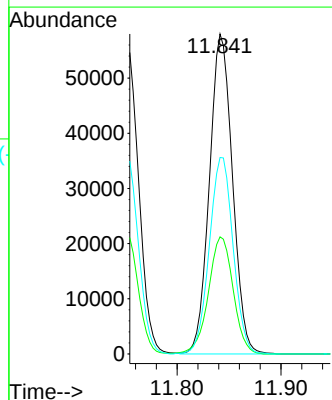
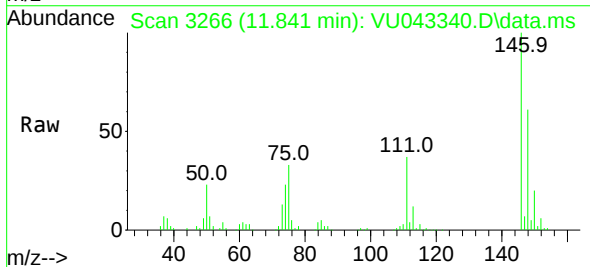
Instrument :
MSVOA_U
ClientSampleId :

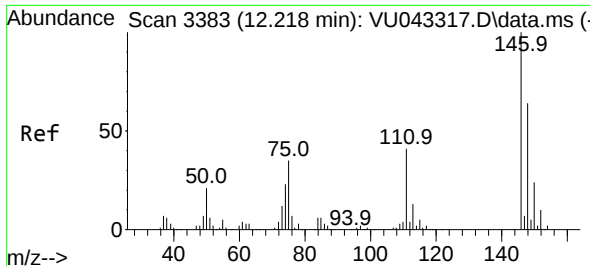
Tgt Ion:146 Resp: 88290
Ion Ratio Lower Upper
146 100
111 38.1 27.6 51.2
148 64.0 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 4.85 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.000 min
Lab File: VU043340.D
Acq: 26 Apr 2021 21:01

Tgt Ion:146 Resp: 89313
Ion Ratio Lower Upper
146 100
111 36.6 26.7 49.5
148 61.4 43.9 81.5

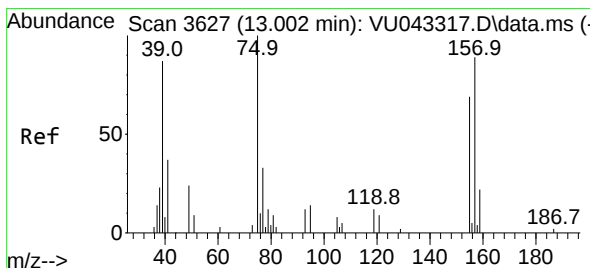
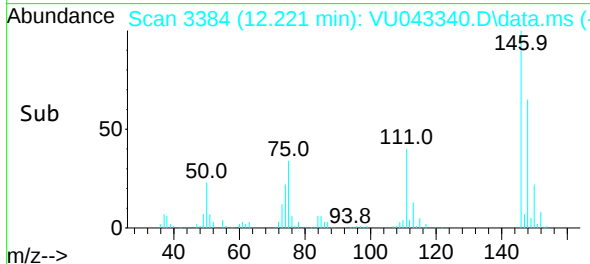
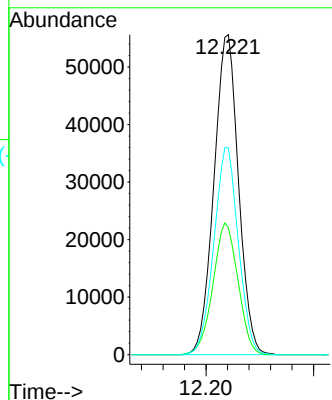
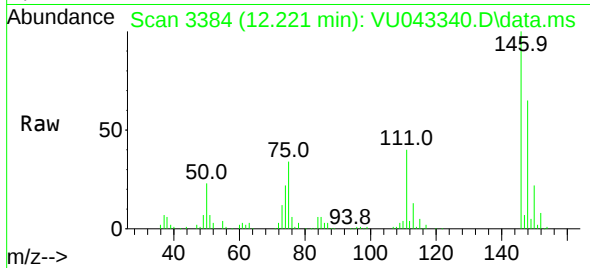




#67
1,2-Dichlorobenzene
Concen: 4.99 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.003 min
Lab File: VU043340.D
Acq: 26 Apr 2021 21:01

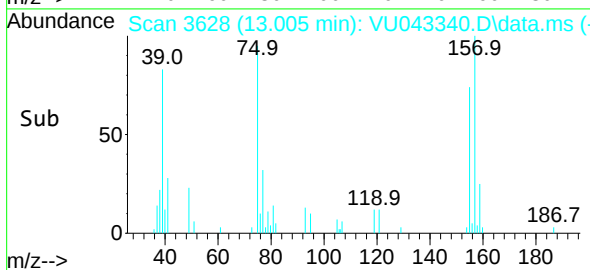
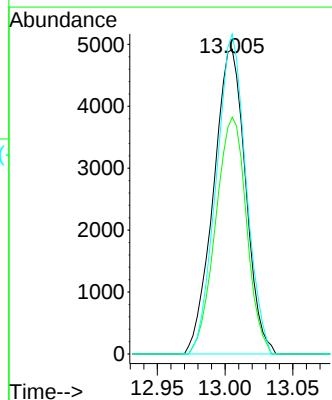
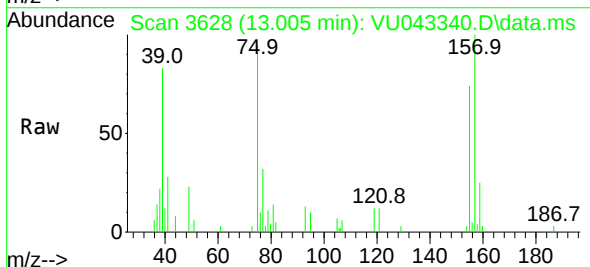
Instrument :
MSVOA_U
ClientSampled :

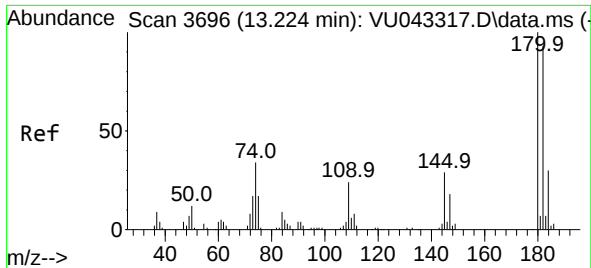
Tgt Ion:146 Resp: 88056
Ion Ratio Lower Upper
146 100
111 39.7 31.9 47.9
148 64.7 48.8 73.2



#68
1,2-Dibromo-3-chloropropane
Concen: 5.42 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. 0.003 min
Lab File: VU043340.D
Acq: 26 Apr 2021 21:01

Tgt Ion: 75 Resp: 8118
Ion Ratio Lower Upper
75 100
155 77.7 67.8 101.8
157 105.0 82.4 123.6

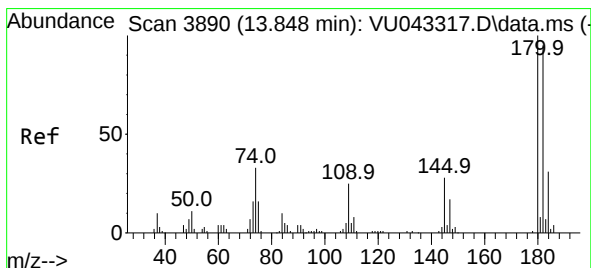
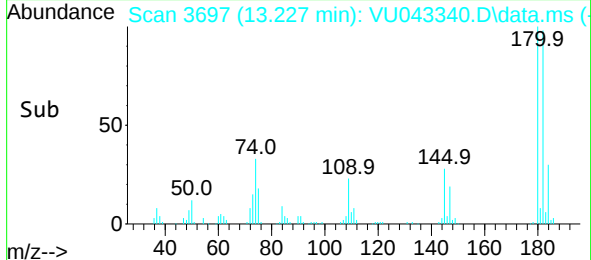
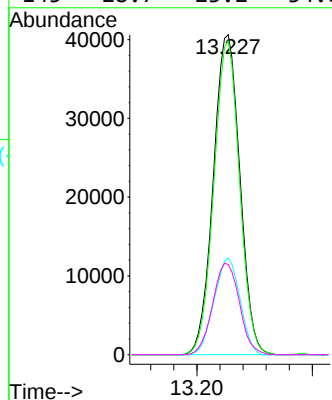
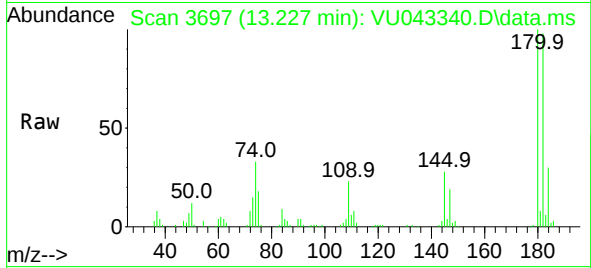




#69
 1,3,5-Trichlorobenzene
 Concen: 4.36 ug/L
 RT: 13.227 min Scan# 3697
 Delta R.T. 0.003 min
 Lab File: VU043340.D
 Acq: 26 Apr 2021 21:01

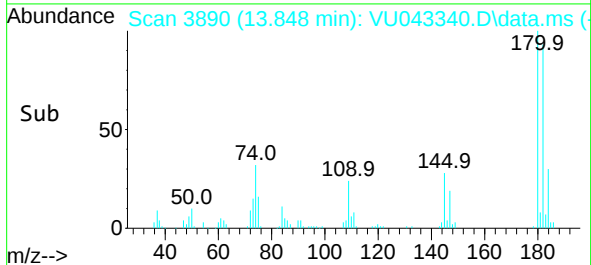
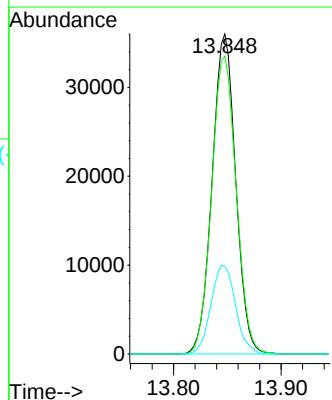
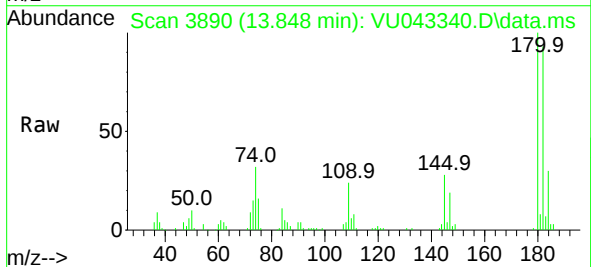
Instrument :
 MSVOA_U
 ClientSampled :

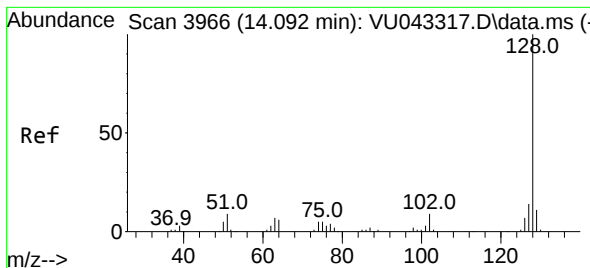
Tgt Ion:180 Resp: 64892
 Ion Ratio Lower Upper
 180 100
 182 94.4 76.1 114.1
 184 29.4 24.0 36.0
 145 28.7 23.2 34.8



#70
 1,2,4-trichlorobenzene
 Concen: 4.45 ug/L
 RT: 13.848 min Scan# 3890
 Delta R.T. -0.000 min
 Lab File: VU043340.D
 Acq: 26 Apr 2021 21:01

Tgt Ion:180 Resp: 54818
 Ion Ratio Lower Upper
 180 100
 182 96.9 76.5 114.7
 145 28.8 24.1 36.1

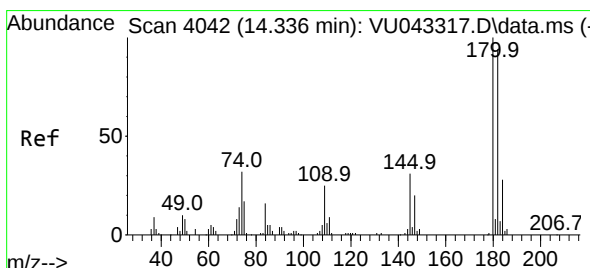
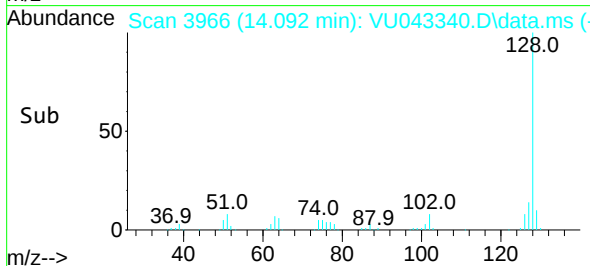
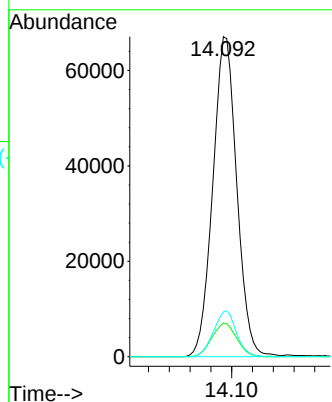
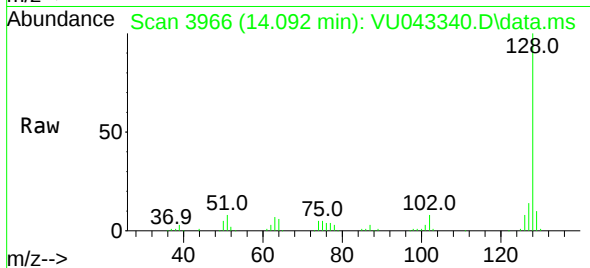




#71
Naphthalene
Concen: 5.16 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. -0.000 min
Lab File: VU043340.D
Acq: 26 Apr 2021 21:01

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 107385
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.6 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 5.06 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VU043340.D
Acq: 26 Apr 2021 21:01

Tgt Ion:180 Resp: 57146
Ion Ratio Lower Upper
180 100
182 96.7 75.8 113.8
145 31.0 25.0 37.4

