

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051121\
 Data File : VU043653.D
 Acq On : 11 May 2021 10:05
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 12 01:15:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 11 03:58:06 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	93371	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	92188	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	45768	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	27202	3.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.40%
7) Chloroethane-d5	1.919	69	22762	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.80%
11) 1,1-Dichloroethene-d2	2.575	65	14071	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	4.642	46	111275	47.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.48%
24) Chloroform-d	5.073	84	66358	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.713	65	41539	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.739	84	114596	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.700	67	43362	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.906	98	104587	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloroprop...	8.189	79	16104	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.642	63	91381	61.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.52%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	37285	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	38054	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	31870	5.04	ug/L	98
3) Chloromethane	1.523	50	33396	5.01	ug/L	97
5) Vinyl chloride	1.607	62	34328	5.43	ug/L	99
6) Bromomethane	1.864	94	17176	5.74	ug/L	98
8) Chloroethane	1.941	64	21316	5.22	ug/L	95
9) Trichlorofluoromethane	2.144	101	51331	5.21	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	32019	5.27	ug/L	99
12) 1,1-Dichloroethene	2.587	96	28076	5.38	ug/L	92
13) Acetone	2.652	43	64620	41.57	ug/L	98
14) Carbon disulfide	2.800	76	65141	4.99	ug/L	99
15) Methyl Acetate	2.967	43	20074	5.66	ug/L	97
16) Methylene chloride	3.054	84	42369	5.07	ug/L	97
17) Methyl tert-butyl Ether	3.375	73	85951	5.63	ug/L	98
18) trans-1,2-Dichloroethene	3.362	96	29001	5.33	ug/L	96
19) 1,1-Dichloroethane	3.880	63	71459	5.52	ug/L	98
21) 2-Butanone	4.726	43	115296	46.27	ug/L	100
22) cis-1,2-Dichloroethene	4.677	96	33792	5.28	ug/L	91
23) Bromochloromethane	4.986	128	15875	5.58	ug/L	87
25) Chloroform	5.099	83	71780	5.21	ug/L	100

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Quant Time: May 12 01:15:35 2021
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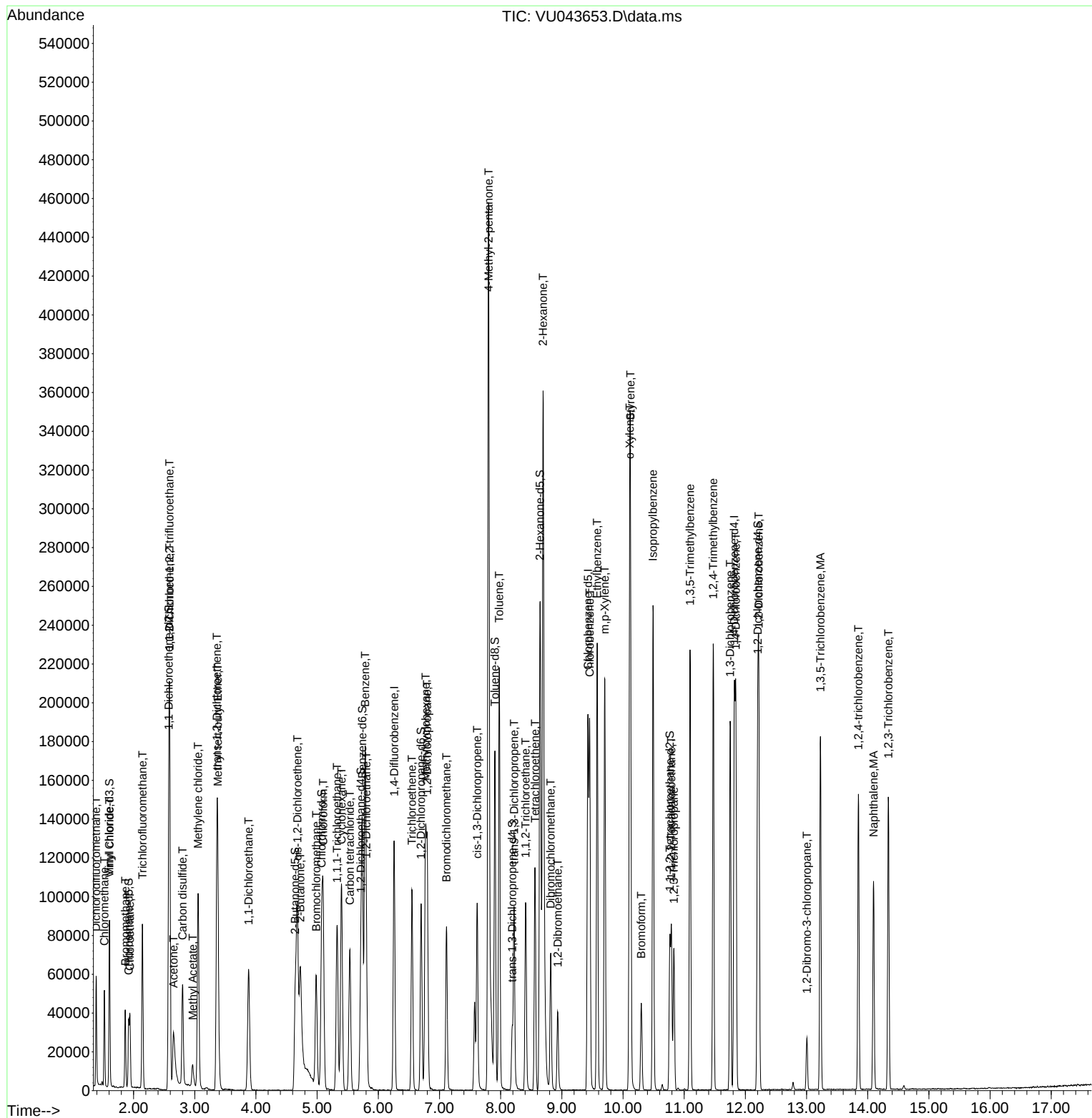
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.806	62	49979	5.34	ug/L	99
29) 1,1,1-Trichloroethane	5.324	97	59599	5.50	ug/L	98
30) Cyclohexane	5.401	56	48060	5.55	ug/L	98
31) Carbon tetrachloride	5.536	117	46819	5.27	ug/L	100
33) Benzene	5.784	78	136889	5.63	ug/L	100
34) Trichloroethene	6.549	95	33848	5.46	ug/L	95
35) Methylcyclohexane	6.774	83	41698	5.20	ug/L	99
37) 1,2-Dichloropropane	6.800	63	41953	5.79	ug/L	100
38) Bromodichloromethane	7.115	83	52324	5.57	ug/L	96
39) cis-1,3-Dichloropropene	7.616	75	50030	5.20	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	370655	62.47	ug/L	98
42) Toluene	7.976	91	145258	5.72	ug/L	99
44) trans-1,3-Dichloropropene	8.221	75	48142	5.50	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	28470	5.68	ug/L	98
47) Tetrachloroethene	8.562	164	23618	5.17	ug/L	97
48) 2-Hexanone	8.693	43	282259	64.13	ug/L	99
49) Dibromochloromethane	8.819	129	33857	5.59	ug/L	97
50) 1,2-Dibromoethane	8.931	107	26429	5.67	ug/L	99
51) Chlorobenzene	9.455	112	87442	5.42	ug/L	96
52) Ethylbenzene	9.578	91	149978	5.57	ug/L	100
53) m,p-Xylene	9.700	106	54611	5.58	ug/L	98
54) o-Xylene	10.108	106	52492	5.52	ug/L	97
55) Styrene	10.121	104	94407	5.67	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	39557	5.86	ug/L	94
59) Bromoform	10.298	173	19344	5.81	ug/L	99
60) Isopropylbenzene	10.491	105	145068	5.81	ug/L	99
61) 1,2,3-Trichloropropane	10.832	75	28768	6.21	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	114683	5.85	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	116158	5.92	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	68633	5.55	ug/L	98
65) 1,4-Dichlorobenzene	11.844	146	69556	5.48	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	68516	5.50	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.005	75	6715	6.08	ug/L	93
69) 1,3,5-Trichlorobenzene	13.227	180	51126	5.22	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	42492	5.27	ug/L	99
71) Naphthalene	14.095	128	80051	5.76	ug/L	98
72) 1,2,3-Trichlorobenzene	14.339	180	42422	5.60	ug/L	99

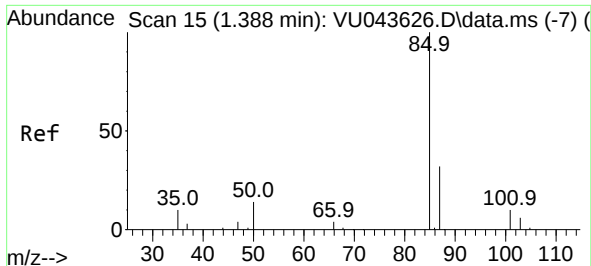
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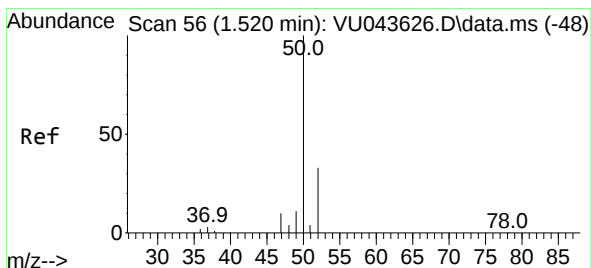
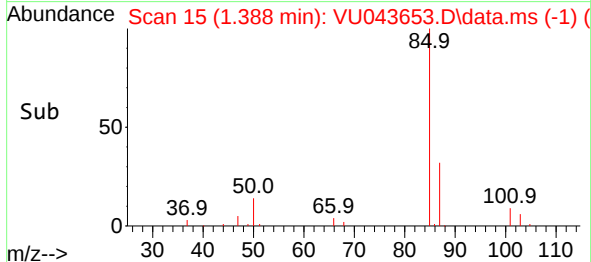
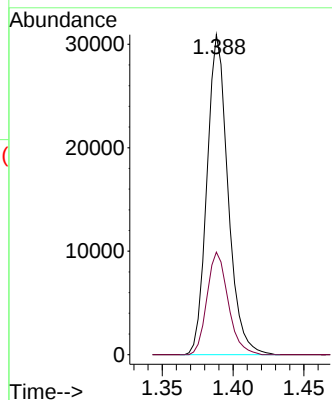
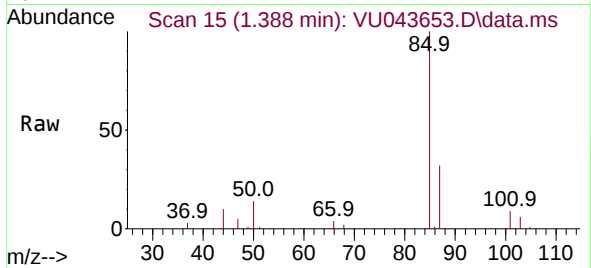




#2
Dichlorodifluoromethane
Concen: 5.04 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU043653.D
Acq: 11 May 2021 10:05

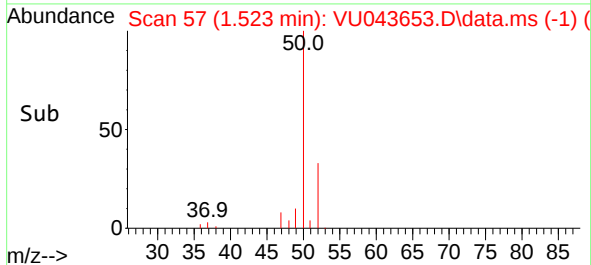
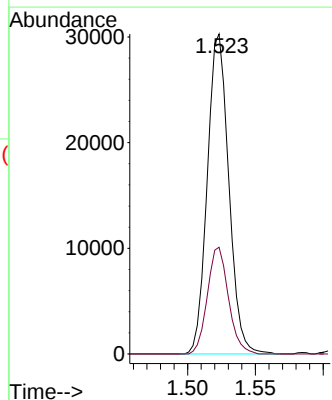
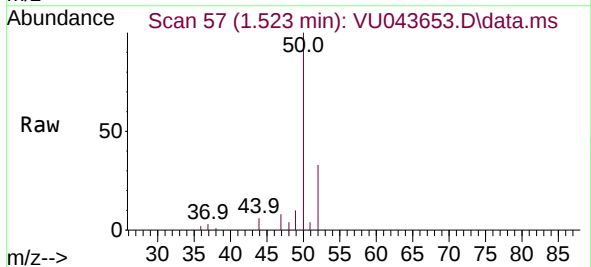
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MSVOA_U
ClientSampleId :

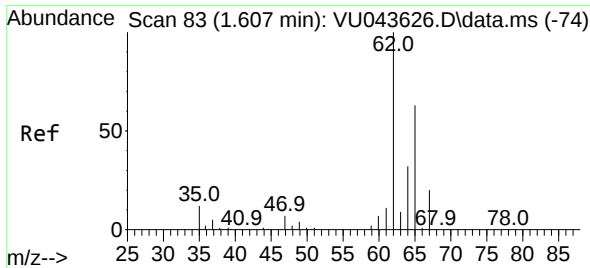
Tgt Ion: 85 Resp: 31870
Ion Ratio Lower Upper
85 100
87 32.2 26.6 39.8



#3
Chloromethane
Concen: 5.01 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043653.D
Acq: 11 May 2021 10:05

Tgt Ion: 50 Resp: 33396
Ion Ratio Lower Upper
50 100
52 33.3 22.1 41.1

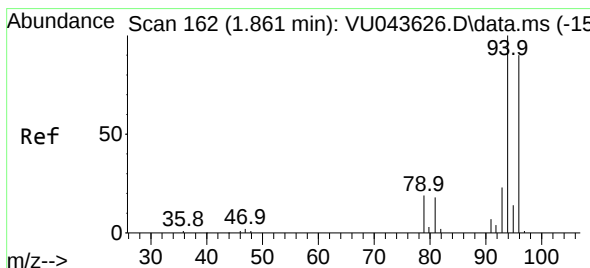
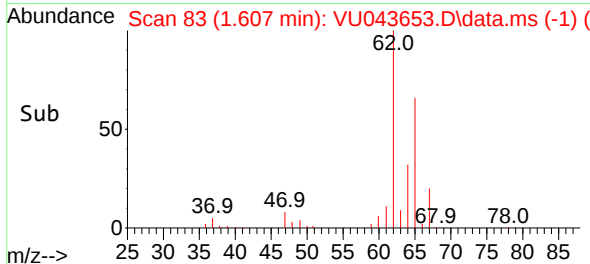
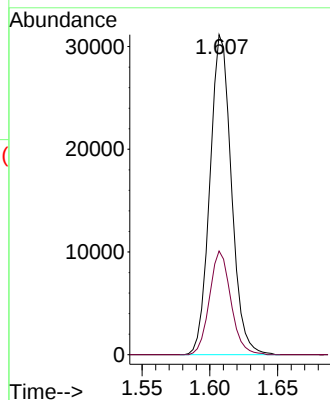
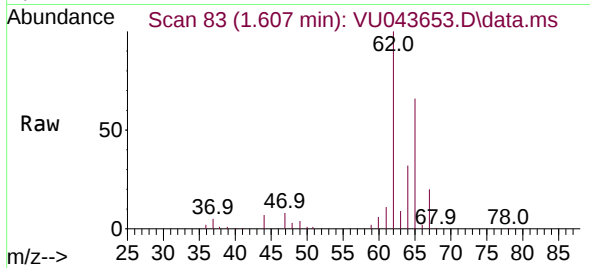




#5
 Vinyl chloride
 Concen: 5.43 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU043653.D
 Acq: 11 May 2021 10:05

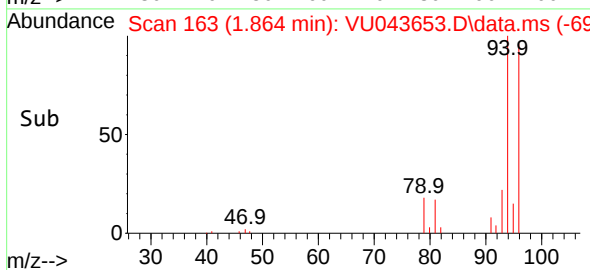
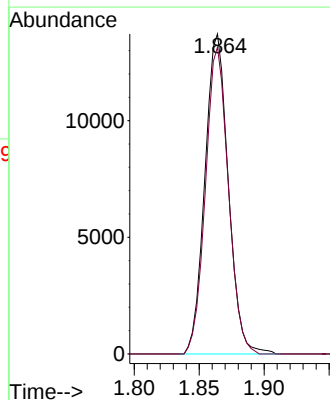
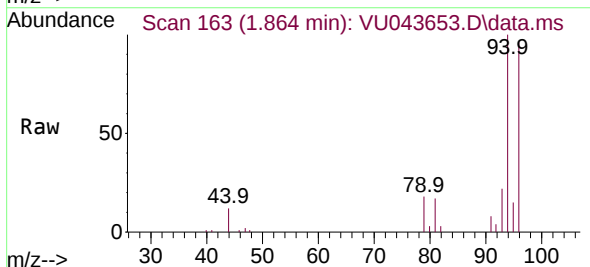
Instrument :
 MSVOA_U
 ClientSampled :

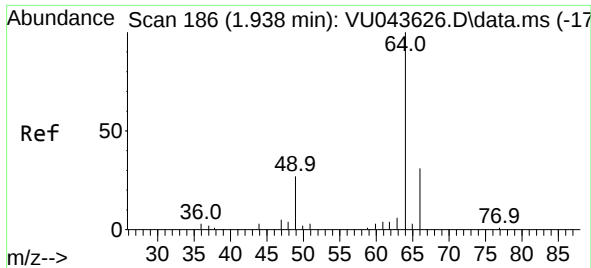
Tgt Ion: 62 Resp: 34328
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.3 41.3



#6
 Bromomethane
 Concen: 5.74 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.003 min
 Lab File: VU043653.D
 Acq: 11 May 2021 10:05

Tgt Ion: 94 Resp: 17176
 Ion Ratio Lower Upper
 94 100
 96 95.9 65.7 121.9

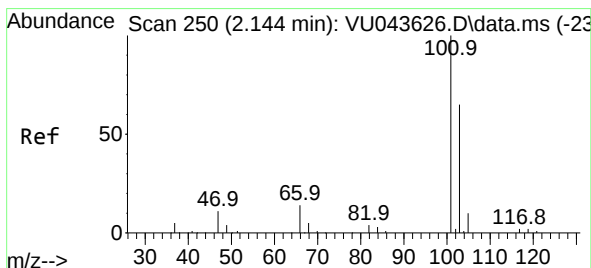
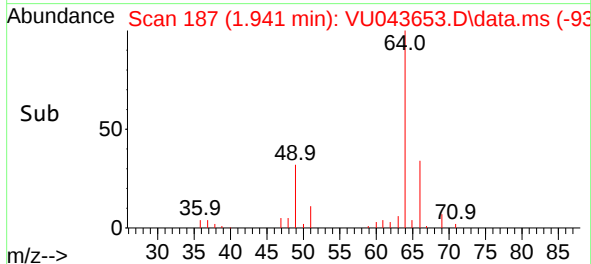
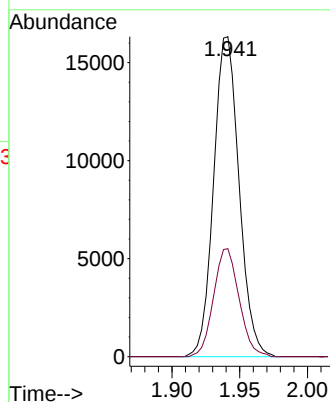
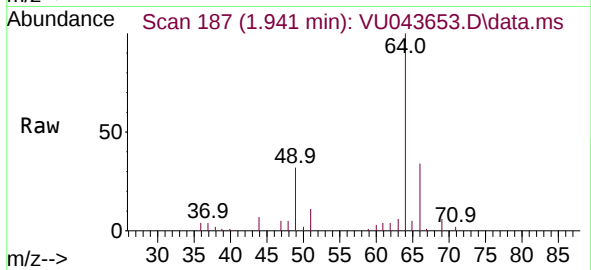




#8
Chloroethane
Concen: 5.22 ug/L
RT: 1.941 min Scan# 187
Delta R.T. 0.003 min
Lab File: VU043653.D
Acq: 11 May 2021 10:05

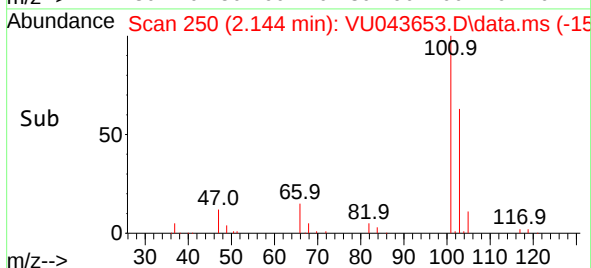
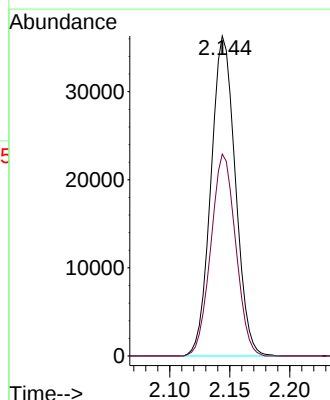
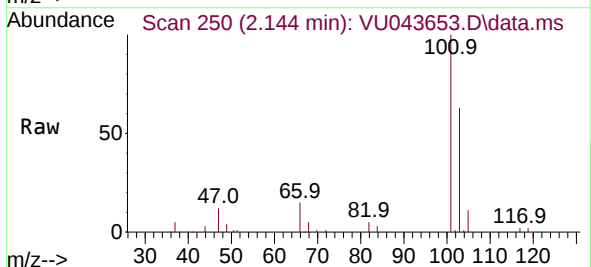
Instrument :
MSVOA_U
ClientSampled :

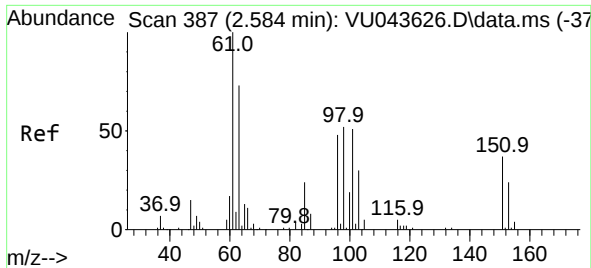
Tgt Ion: 64 Resp: 21316
Ion Ratio Lower Upper
64 100
66 33.7 21.8 40.4



#9
Trichlorofluoromethane
Concen: 5.21 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU043653.D
Acq: 11 May 2021 10:05

Tgt Ion:101 Resp: 51331
Ion Ratio Lower Upper
101 100
103 64.1 52.6 78.8

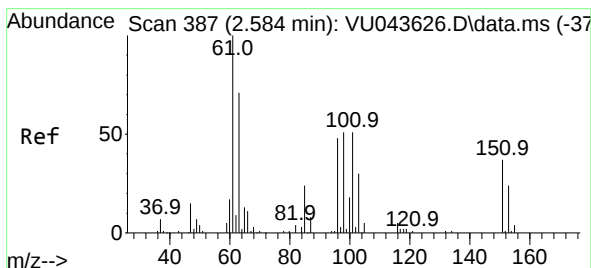
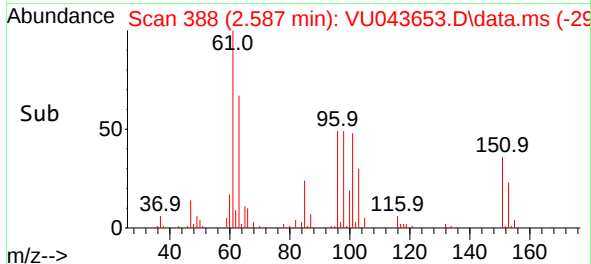
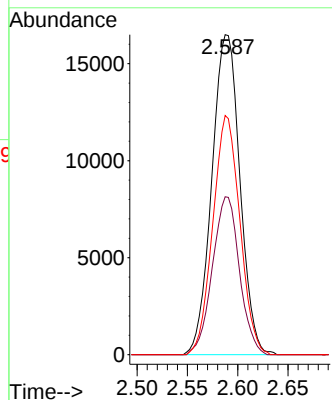
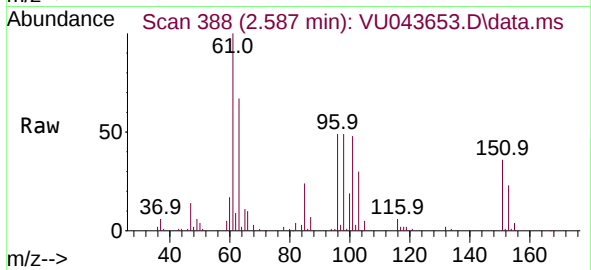




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.27 ug/L
RT: 2.587 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU043653.D
Acq: 11 May 2021 10:05

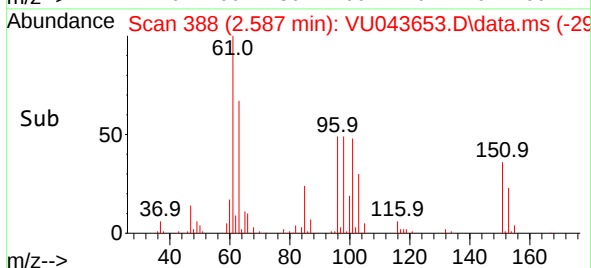
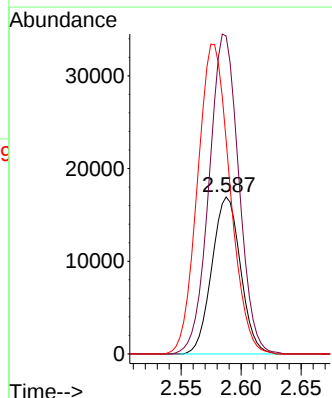
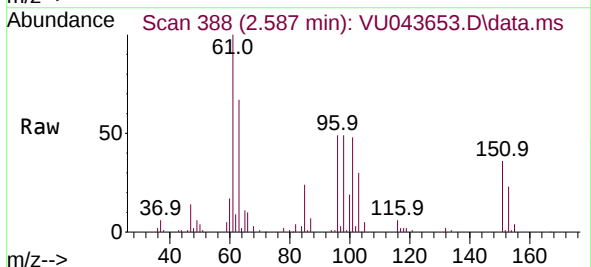
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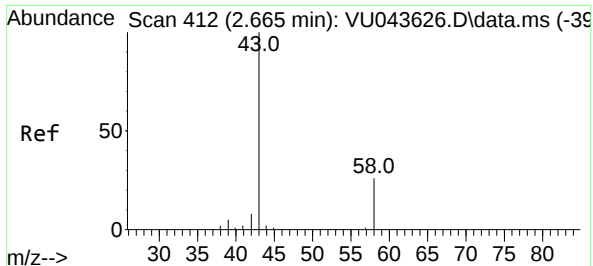
Tgt Ion:101 Resp: 32019
Ion Ratio Lower Upper
101 100
85 47.5 38.5 57.7
151 71.9 58.5 87.7



#12
1,1-Dichloroethene
Concen: 5.38 ug/L
RT: 2.587 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU043653.D
Acq: 11 May 2021 10:05

Tgt Ion: 96 Resp: 28076
Ion Ratio Lower Upper
96 100
61 202.6 141.2 262.2
63 136.2 111.1 206.3

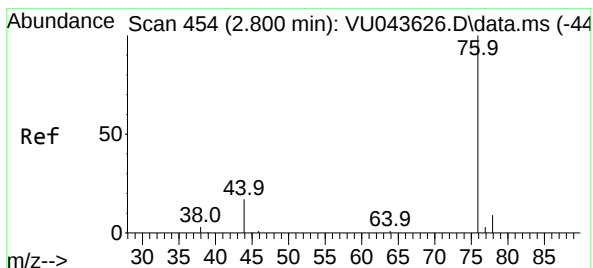
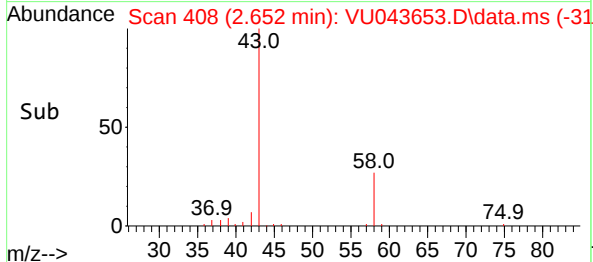
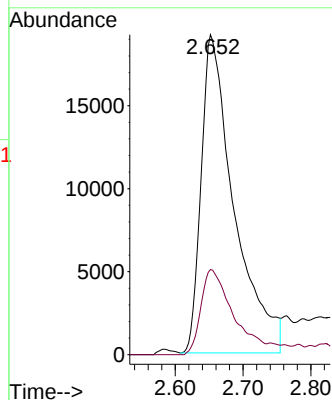
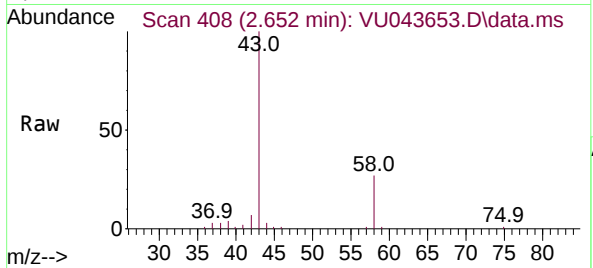




#13
Acetone
Concen: 41.57 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.013 min
Lab File: VU043653.D
Acq: 11 May 2021 10:05

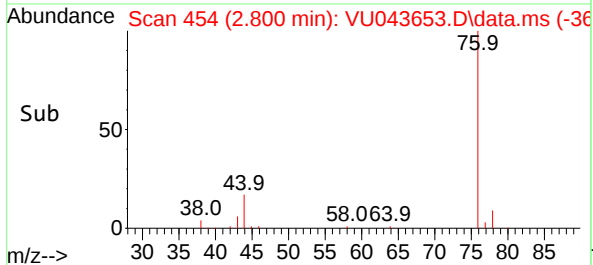
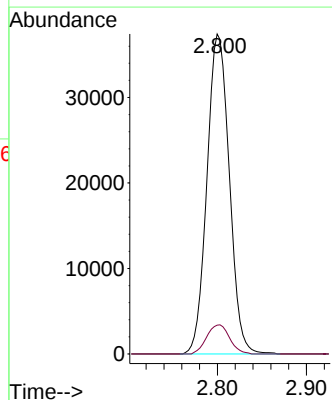
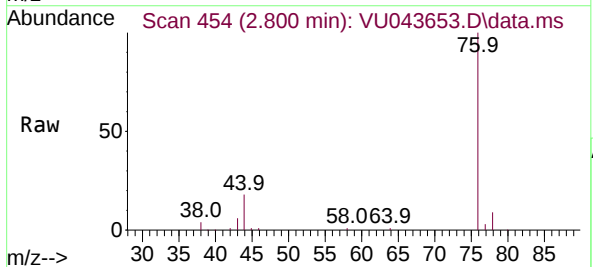
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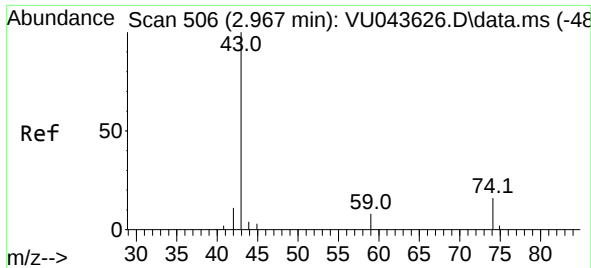
Tgt Ion: 43 Resp: 64620
Ion Ratio Lower Upper
43 100
58 26.2 0.0 50.8



#14
Carbon disulfide
Concen: 4.99 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 65141
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2

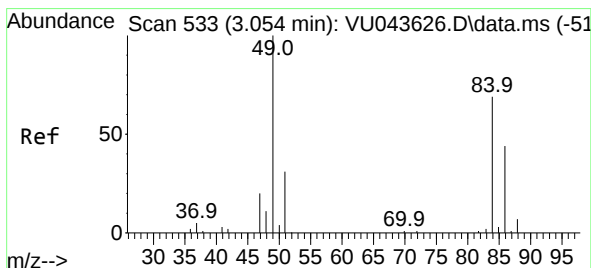
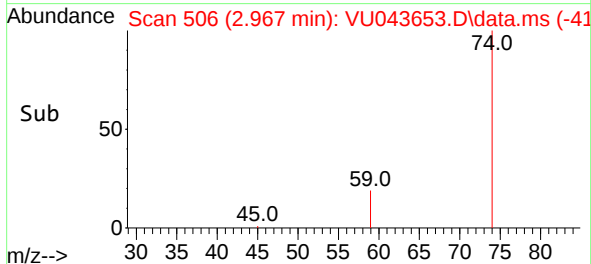
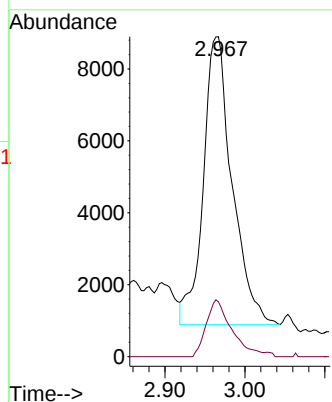
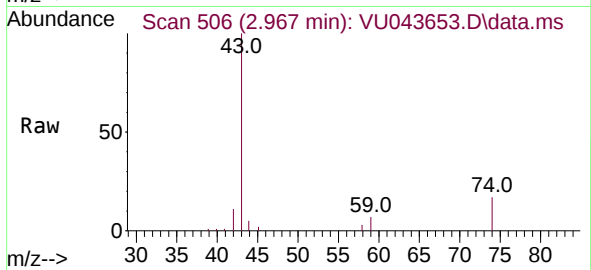




#15
Methyl Acetate
Concen: 5.66 ug/L
RT: 2.967 min Scan# 506
Delta R.T. -0.000 min
Lab File: VU043653.D
Acq: 11 May 2021 10:05

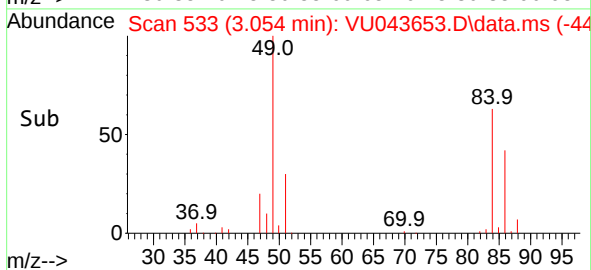
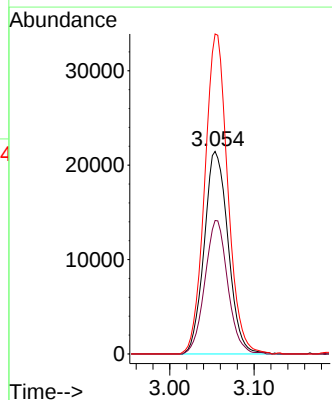
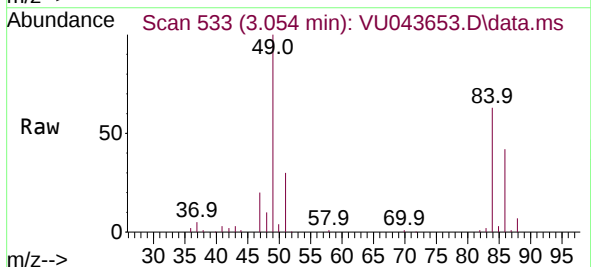
Instrument :
MSVOA_U
ClientSampled :

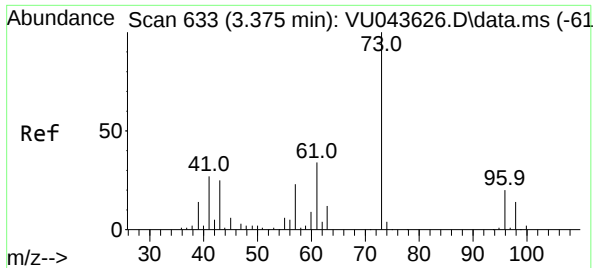
Tgt Ion: 43 Resp: 20074
Ion Ratio Lower Upper
43 100
74 17.8 15.2 22.8



#16
Methylene chloride
Concen: 5.07 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU043653.D
Acq: 11 May 2021 10:05

Tgt Ion: 84 Resp: 42369
Ion Ratio Lower Upper
84 100
86 65.9 45.6 84.6
49 157.9 107.0 198.8

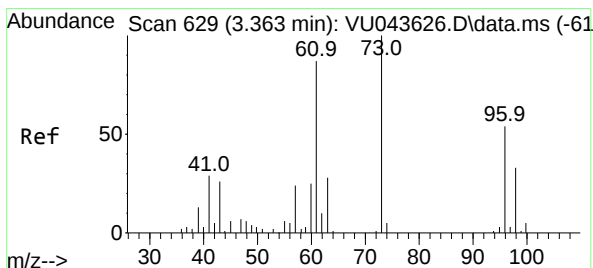
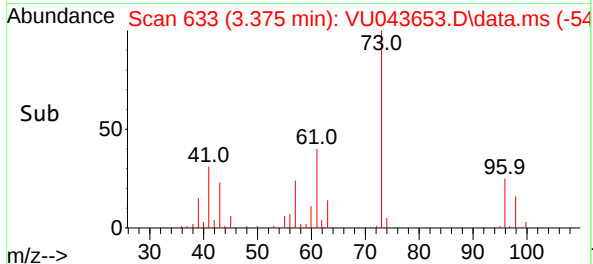
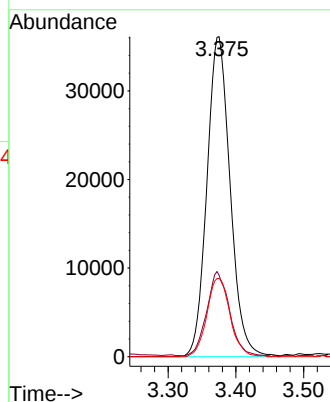
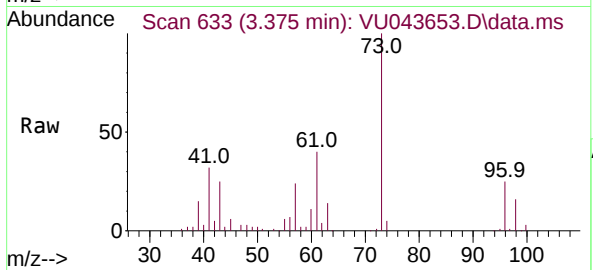




#17
Methyl tert-butyl Ether
Concen: 5.63 ug/L
RT: 3.375 min Scan# 633
Delta R.T. -0.000 min
Lab File: VU043653.D
Acq: 11 May 2021 10:05

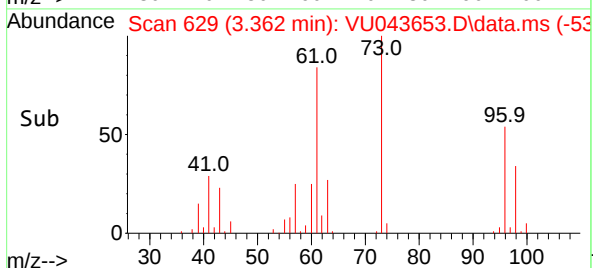
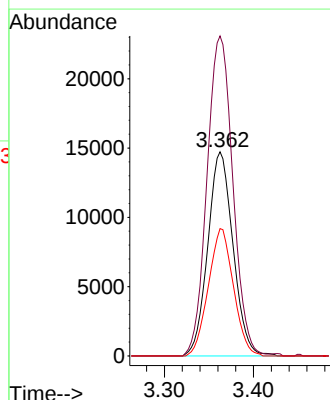
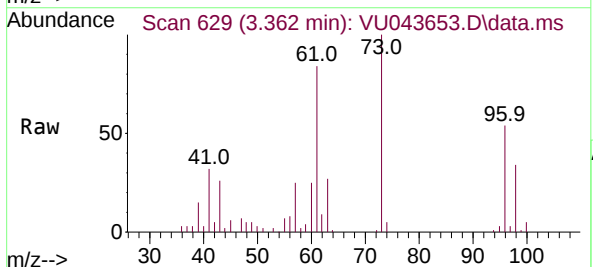
Instrument :
MSVOA_U
ClientSampleId :

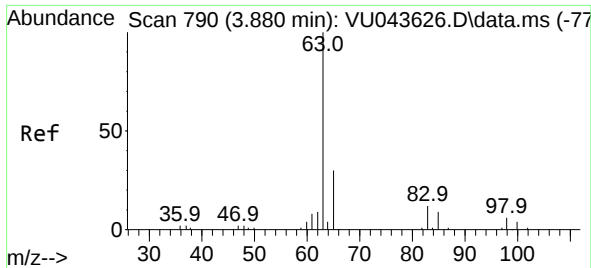
Tgt Ion: 73	Resp: 85951
Ion Ratio	Lower Upper
73 100	
43 26.4	20.6 30.8
57 24.6	18.7 28.1



#18
trans-1,2-Dichloroethene
Concen: 5.33 ug/L
RT: 3.362 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU043653.D
Acq: 11 May 2021 10:05

Tgt Ion: 96	Resp: 29001
Ion Ratio	Lower Upper
96 100	
61 156.7	113.5 210.9
98 62.4	45.4 84.2





#19

1,1-Dichloroethane

Concen: 5.52 ug/L

RT: 3.880 min Scan# 790

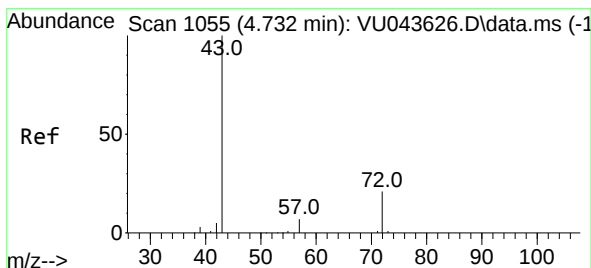
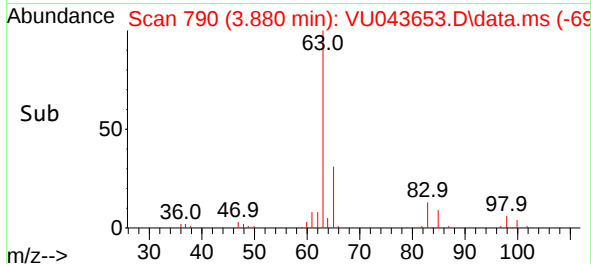
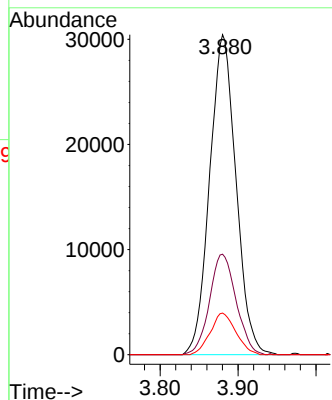
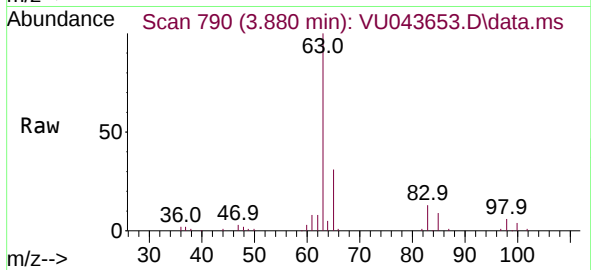
Delta R.T. -0.000 min

Lab File: VU043653.D

Acq: 11 May 2021 10:05

Tgt Ion:	63	Resp:	71459
Ion	Ratio	Lower	Upper
63	100		
65	31.4	22.7	42.1
83	13.0	9.4	17.4

Instrument :
MSVOA_U
ClientSampled :



#21

2-Butanone

Concen: 46.27 ug/L

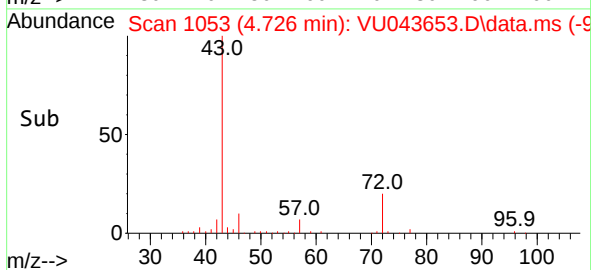
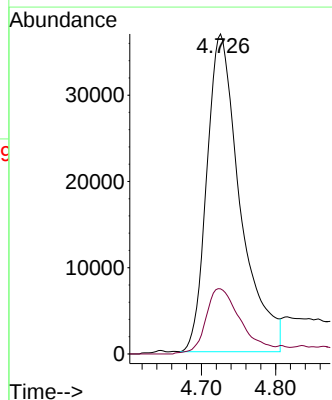
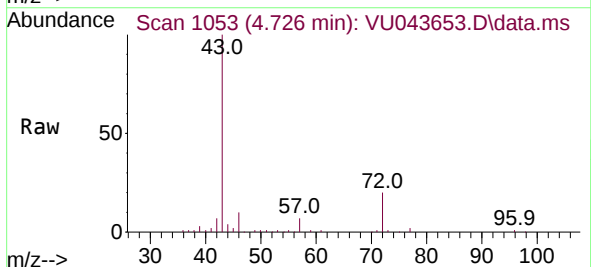
RT: 4.726 min Scan# 1053

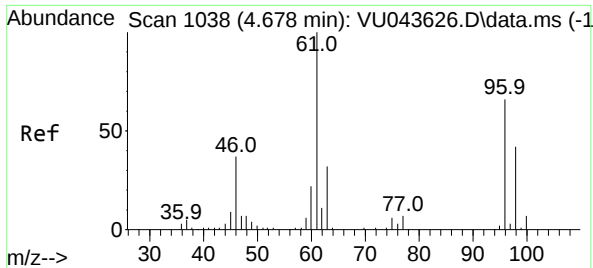
Delta R.T. -0.007 min

Lab File: VU043653.D

Acq: 11 May 2021 10:05

Tgt Ion:	43	Resp:	115296
Ion	Ratio	Lower	Upper
43	100		
72	21.7	10.8	32.4

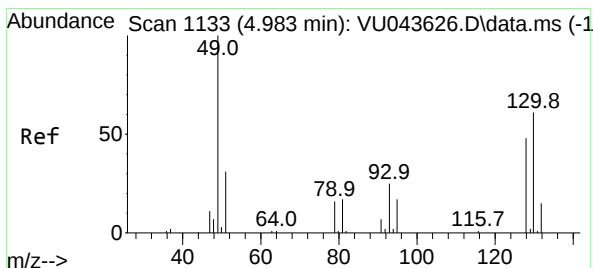
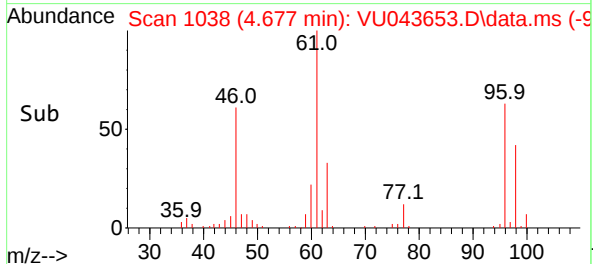
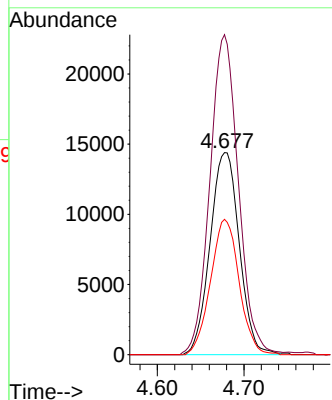
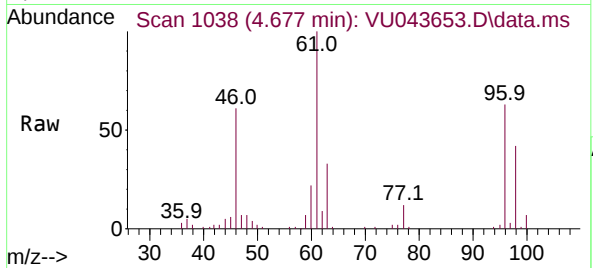




#22
cis-1,2-Dichloroethene
Concen: 5.28 ug/L
RT: 4.677 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU043653.D
Acq: 11 May 2021 10:05

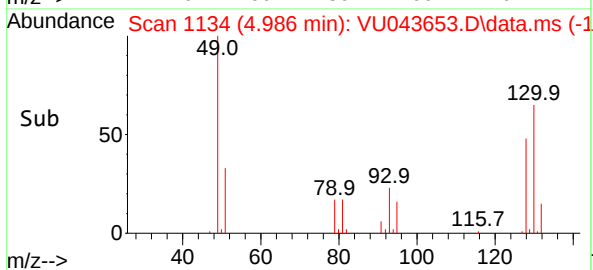
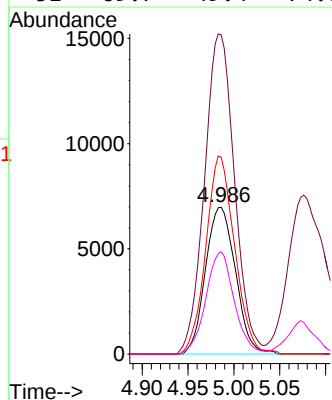
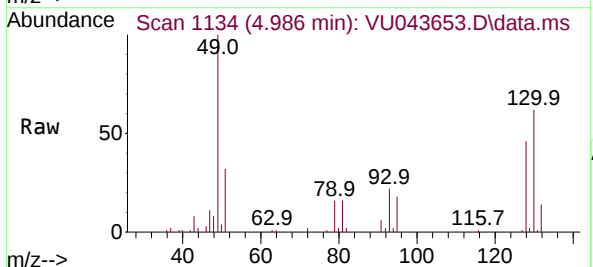
Instrument :
MSVOA_U
ClientSampled :

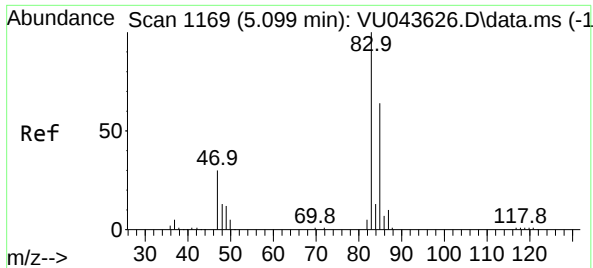
Tgt Ion: 96 Resp: 33792
Ion Ratio Lower Upper
96 100
61 158.3 102.8 190.8
98 67.0 42.8 79.6



#23
Bromochloromethane
Concen: 5.58 ug/L
RT: 4.986 min Scan# 1134
Delta R.T. 0.003 min
Lab File: VU043653.D
Acq: 11 May 2021 10:05

Tgt Ion:128 Resp: 15875
Ion Ratio Lower Upper
128 100
49 217.6 134.2 249.2
130 134.0 87.2 162.0
51 69.7 49.4 74.0

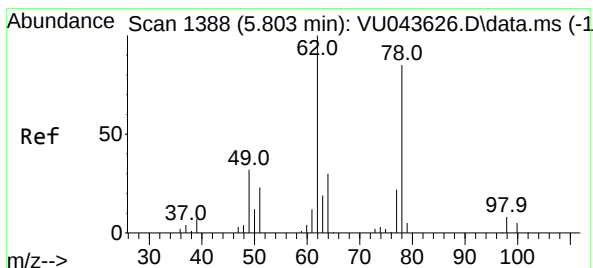
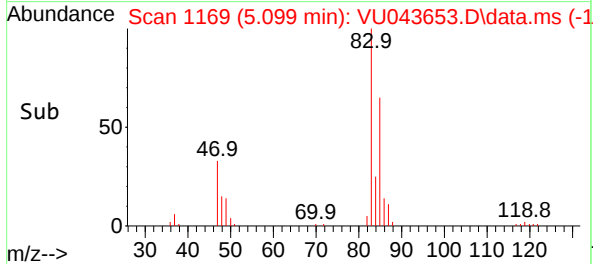
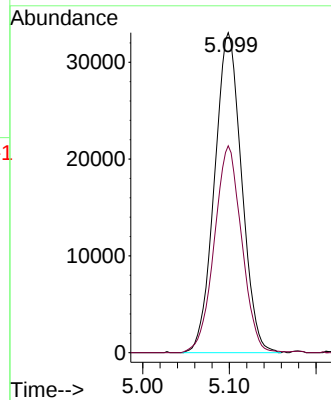
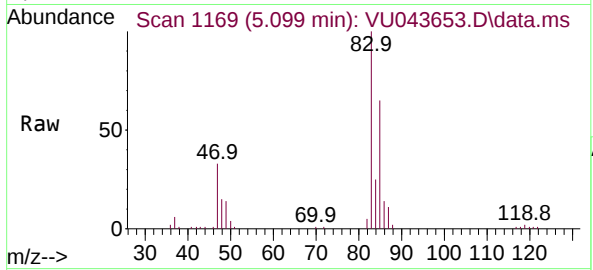




#25
Chloroform
Concen: 5.21 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043653.D
Acq: 11 May 2021 10:05

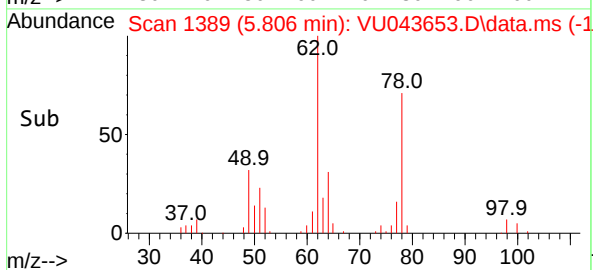
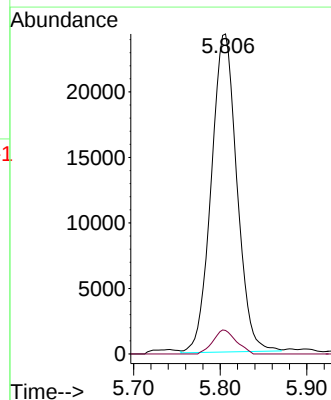
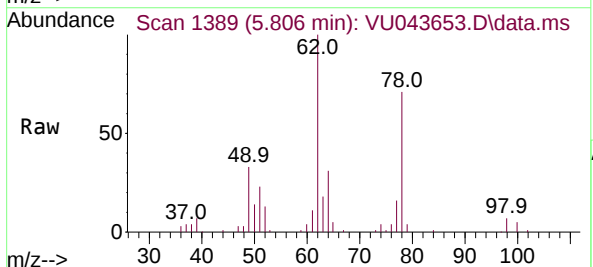
Instrument :
MSVOA_U
ClientSampled :

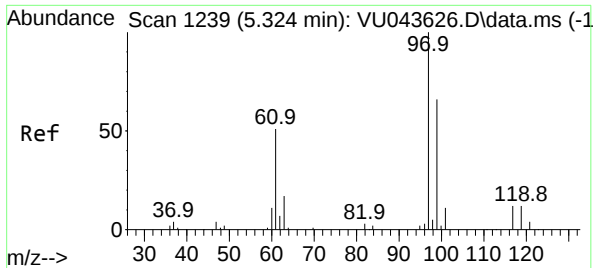
Tgt Ion: 83 Resp: 71780
Ion Ratio Lower Upper
83 100
85 64.7 45.1 83.9



#27
1,2-Dichloroethane
Concen: 5.34 ug/L
RT: 5.806 min Scan# 1389
Delta R.T. 0.003 min
Lab File: VU043653.D
Acq: 11 May 2021 10:05

Tgt Ion: 62 Resp: 49979
Ion Ratio Lower Upper
62 100
98 7.4 6.1 9.1





#29

1,1,1-Trichloroethane

Concen: 5.50 ug/L

RT: 5.324 min Scan# 1239

Delta R.T. -0.000 min

Lab File: VU043653.D

Acq: 11 May 2021 10:05

Tgt Ion: 97 Resp: 59599

Ion Ratio Lower Upper

97 100

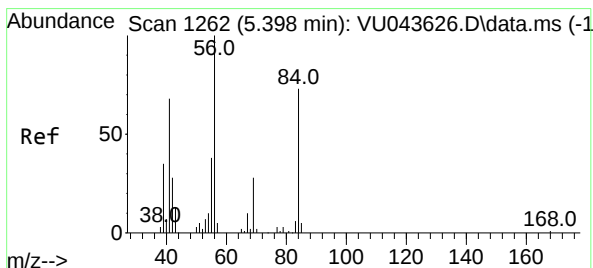
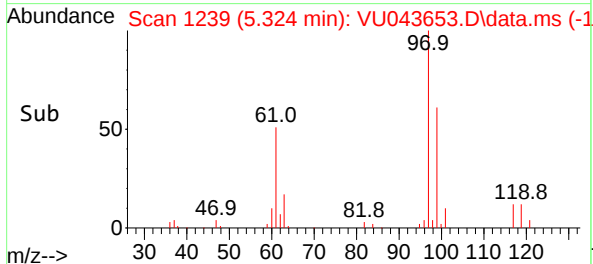
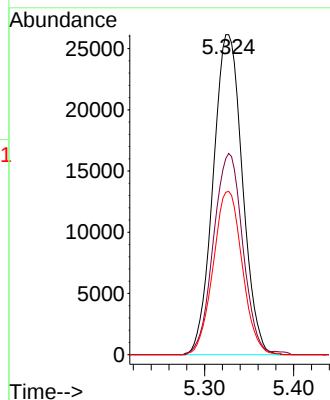
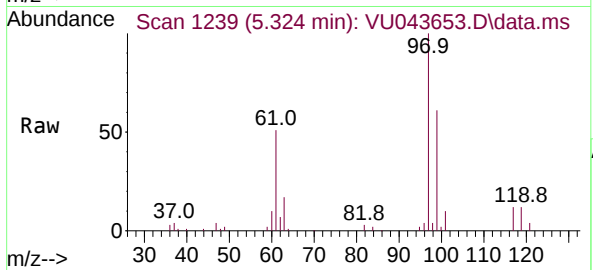
99 63.4 51.8 77.6

61 50.8 39.8 59.8

Instrument :

MSVOA_U

ClientSampleId :



#30

Cyclohexane

Concen: 5.55 ug/L

RT: 5.401 min Scan# 1263

Delta R.T. 0.003 min

Lab File: VU043653.D

Acq: 11 May 2021 10:05

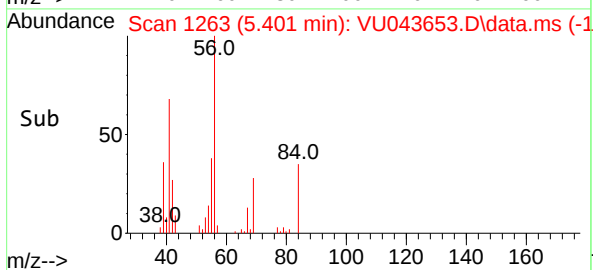
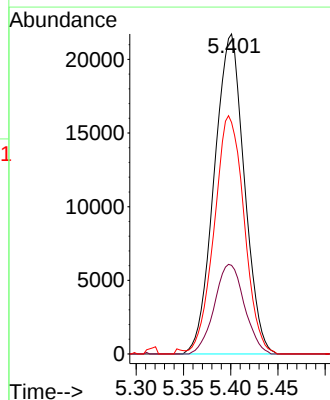
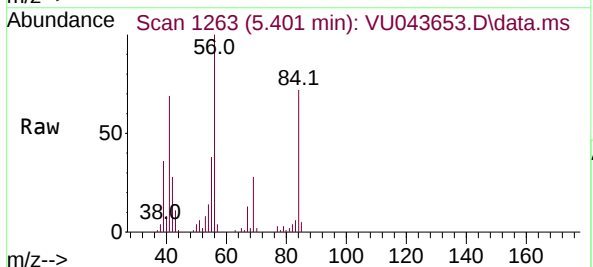
Tgt Ion: 56 Resp: 48060

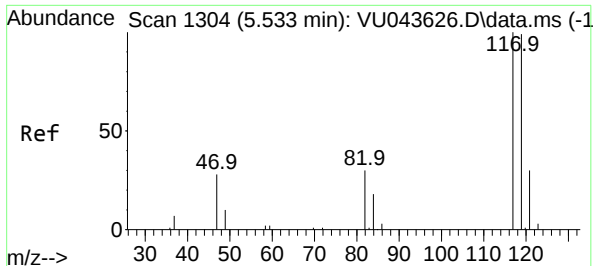
Ion Ratio Lower Upper

56 100

69 27.9 23.0 34.4

84 74.0 60.3 90.5

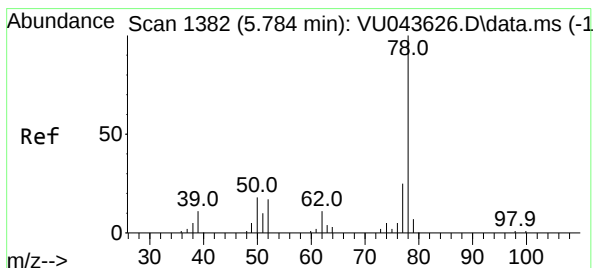
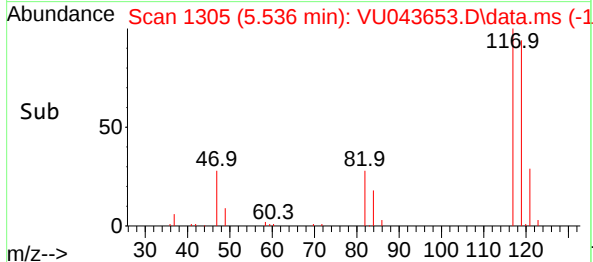
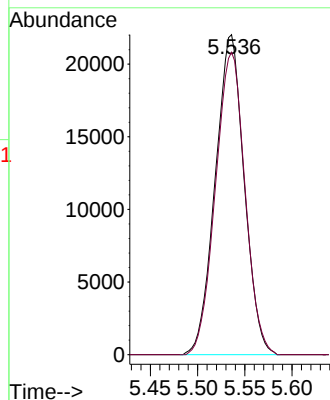
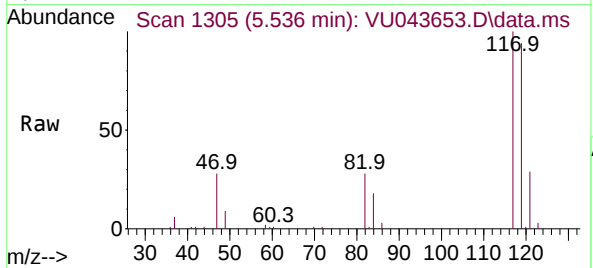




#31
Carbon tetrachloride
Concen: 5.27 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. 0.003 min
Lab File: VU043653.D
Acq: 11 May 2021 10:05

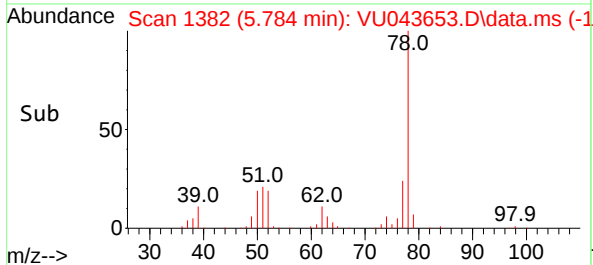
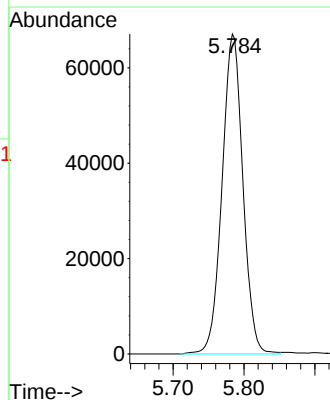
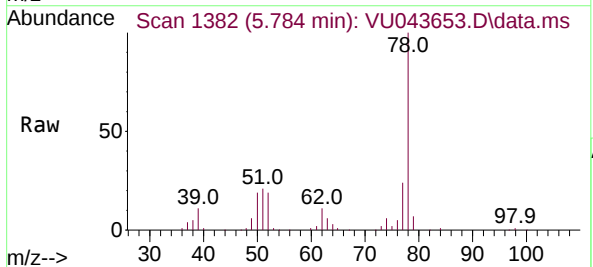
Instrument :
MSVOA_U
ClientSampled :

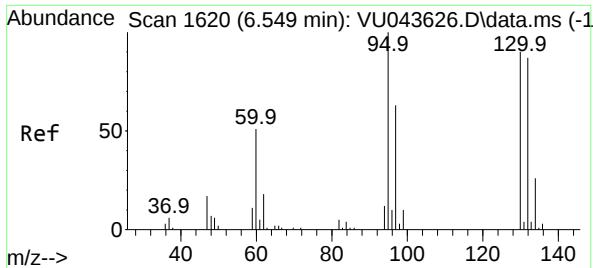
Tgt Ion:117 Resp: 46819
Ion Ratio Lower Upper
117 100
119 96.4 77.0 115.6



#33
Benzene
Concen: 5.63 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU043653.D
Acq: 11 May 2021 10:05

Tgt Ion: 78 Resp: 136889



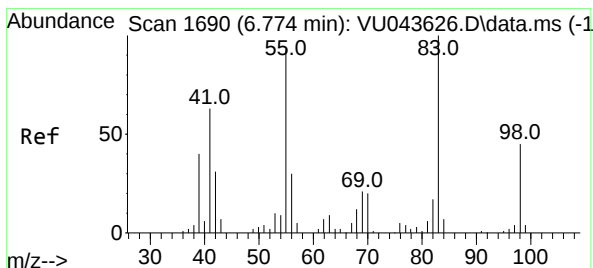
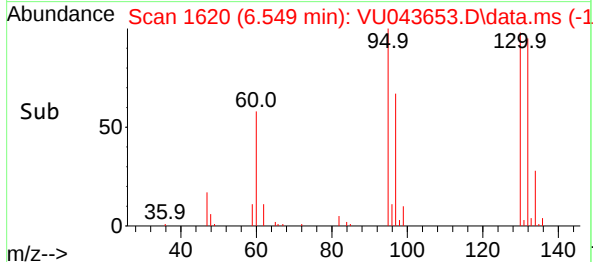
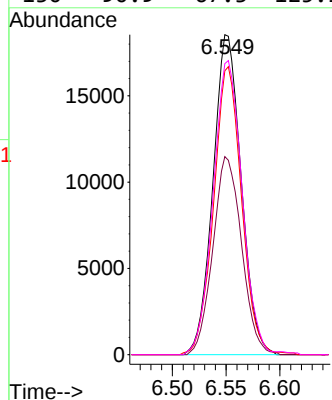
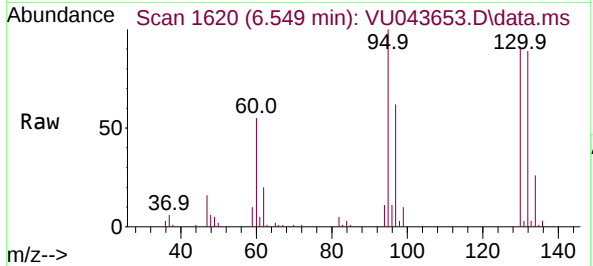


#34
Trichloroethene
Concen: 5.46 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU043653.D
Acq: 11 May 2021 10:05

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 33848

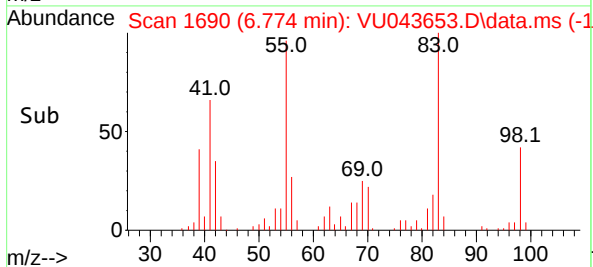
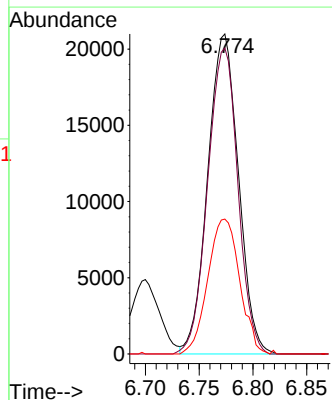
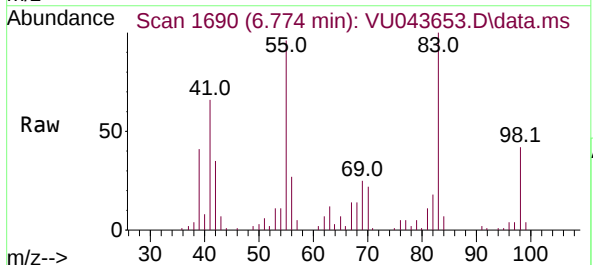
Ion	Ratio	Lower	Upper
95	100		
97	61.9	46.5	86.5
132	88.7	64.1	119.1
130	90.9	67.3	125.1

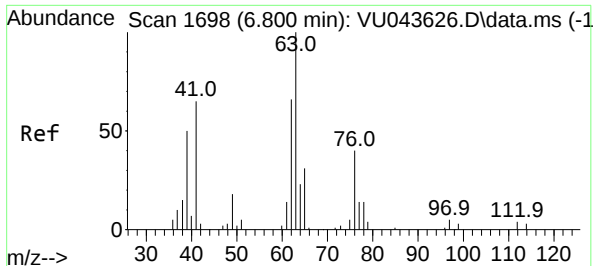


#35
Methylcyclohexane
Concen: 5.20 ug/L
RT: 6.774 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VU043653.D
Acq: 11 May 2021 10:05

Tgt Ion: 83 Resp: 41698

Ion	Ratio	Lower	Upper
83	100		
55	93.9	75.8	113.8
98	43.7	35.5	53.3



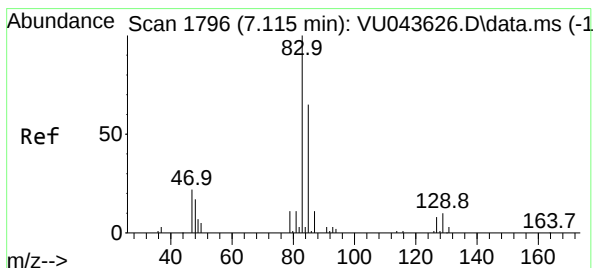
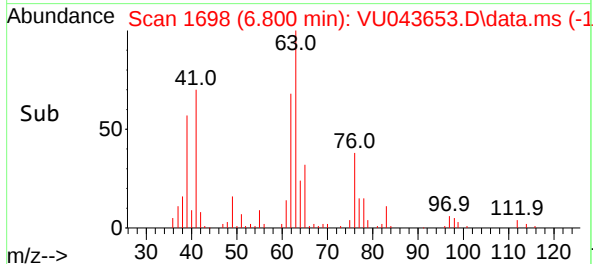
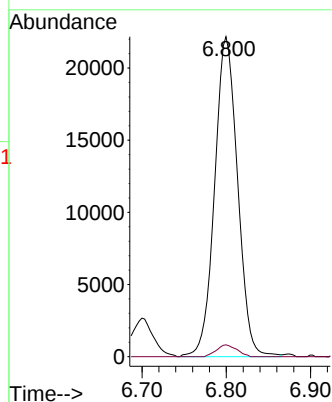
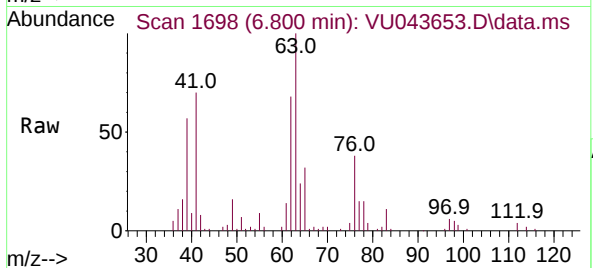


#37

1,2-Dichloropropane
Concen: 5.79 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU043653.D
Acq: 11 May 2021 10:05

Instrument :
MSVOA_U
ClientSampled :

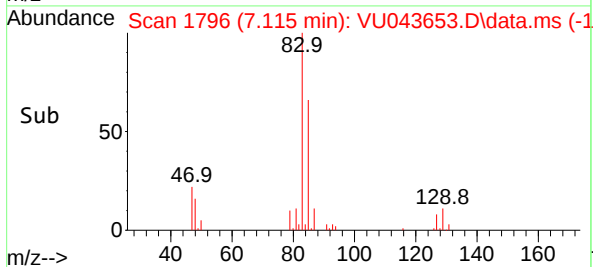
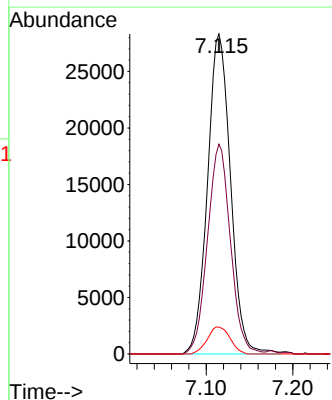
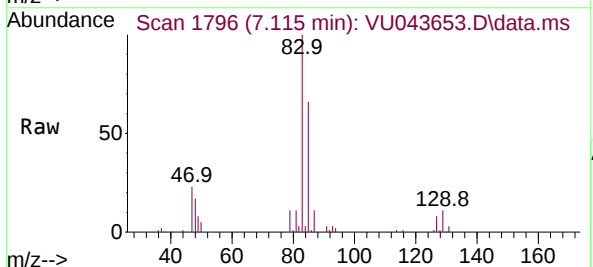
Tgt Ion: 63 Resp: 41953
Ion Ratio Lower Upper
63 100
112 3.3 2.6 3.8

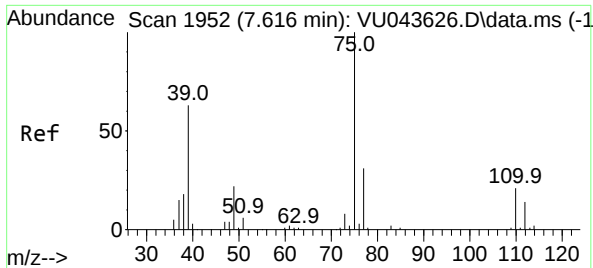


#38

Bromodichloromethane
Concen: 5.57 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU043653.D
Acq: 11 May 2021 10:05

Tgt Ion: 83 Resp: 52324
Ion Ratio Lower Upper
83 100
85 65.6 43.3 80.5
127 8.4 6.2 9.4

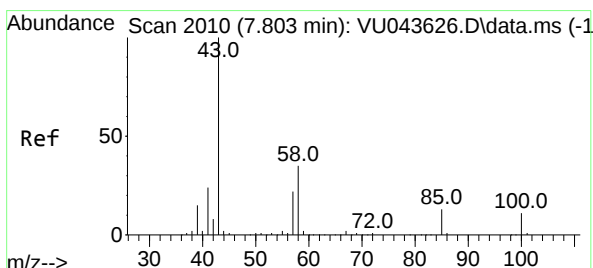
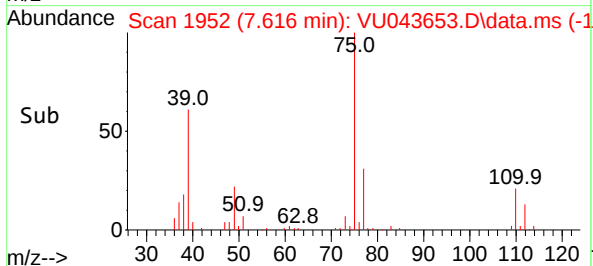
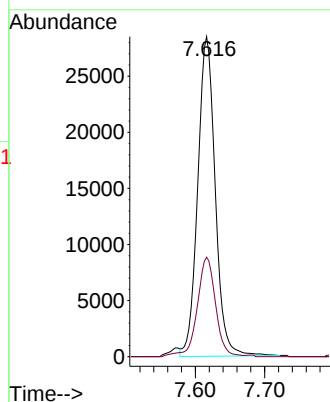
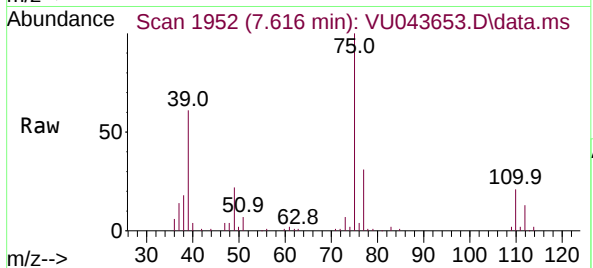




#39
 cis-1,3-Dichloropropene
 Concen: 5.20 ug/L
 RT: 7.616 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VU043653.D
 Acq: 11 May 2021 10:05

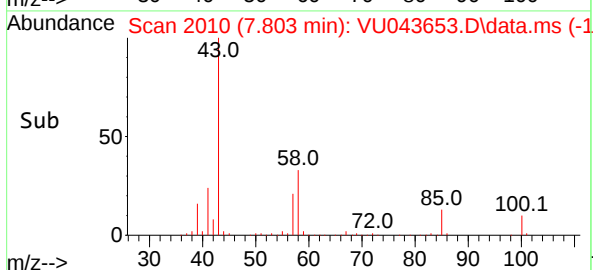
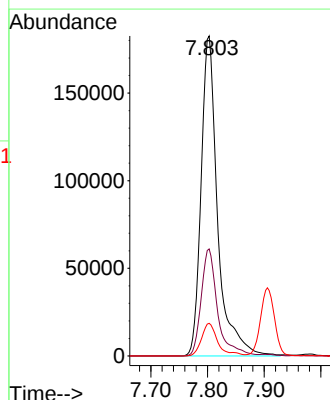
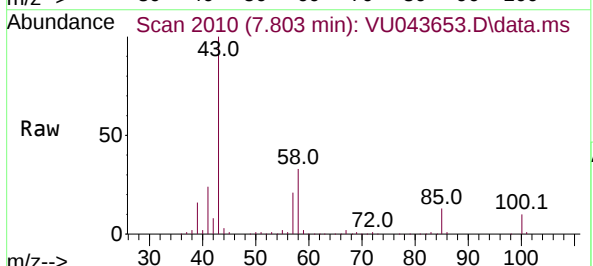
Instrument :
 MSVOA_U
 ClientSampled :

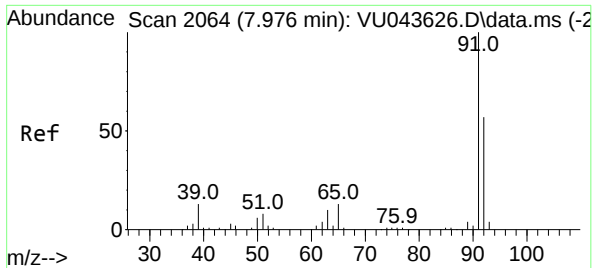
Tgt Ion: 75 Resp: 50030
 Ion Ratio Lower Upper
 75 100
 77 31.1 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 62.47 ug/L
 RT: 7.803 min Scan# 2010
 Delta R.T. -0.000 min
 Lab File: VU043653.D
 Acq: 11 May 2021 10:05

Tgt Ion: 43 Resp: 370655
 Ion Ratio Lower Upper
 43 100
 58 33.1 26.9 40.3
 100 9.5 8.6 13.0

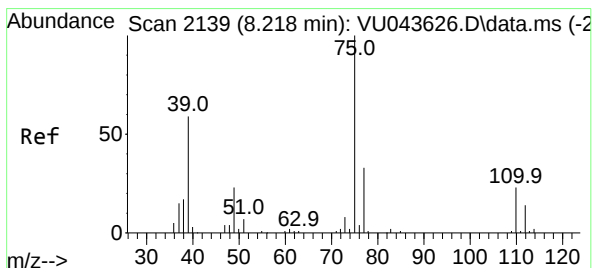
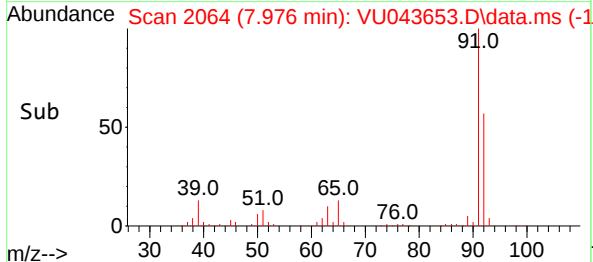
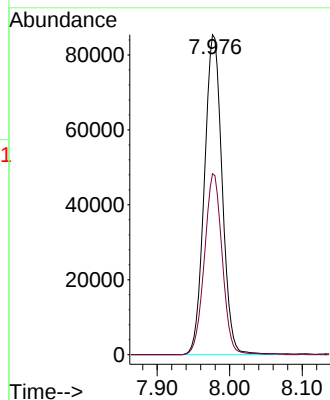
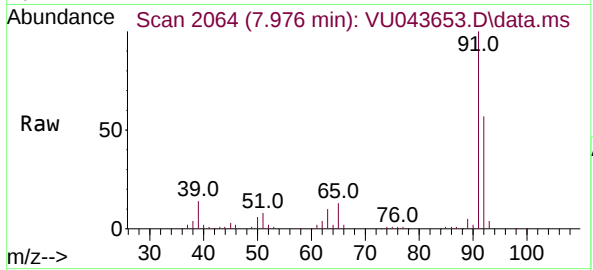




#42
Toluene
Concen: 5.72 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043653.D
Acq: 11 May 2021 10:05

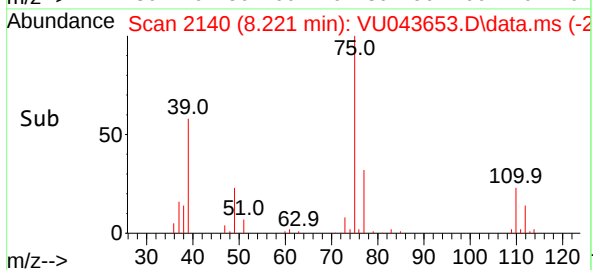
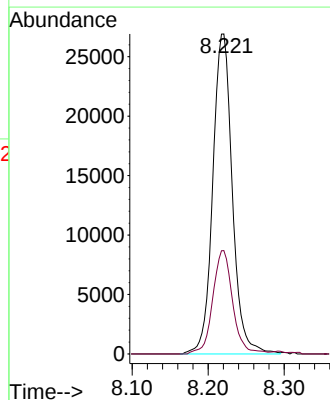
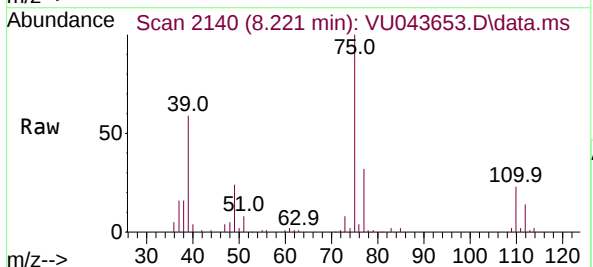
Instrument :
MSVOA_U
ClientSampled :

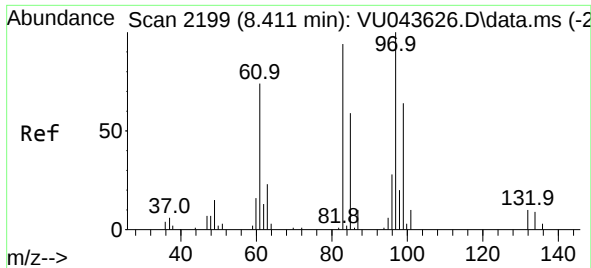
Tgt Ion: 91 Resp: 145258
Ion Ratio Lower Upper
91 100
92 56.6 39.1 72.5



#44
trans-1,3-Dichloropropene
Concen: 5.50 ug/L
RT: 8.221 min Scan# 2140
Delta R.T. 0.003 min
Lab File: VU043653.D
Acq: 11 May 2021 10:05

Tgt Ion: 75 Resp: 48142
Ion Ratio Lower Upper
75 100
77 32.3 23.3 43.3

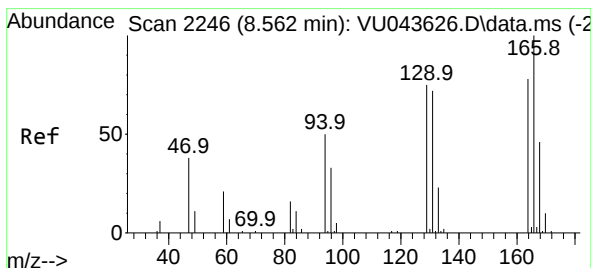
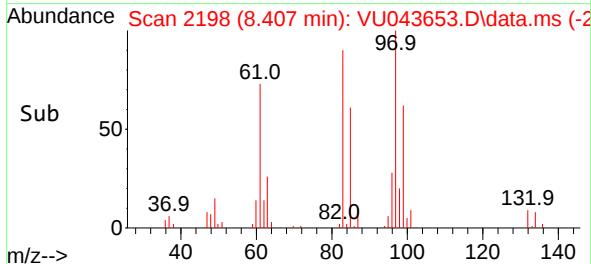
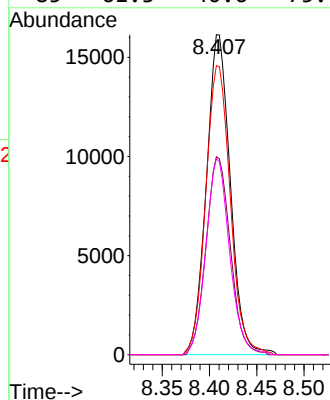
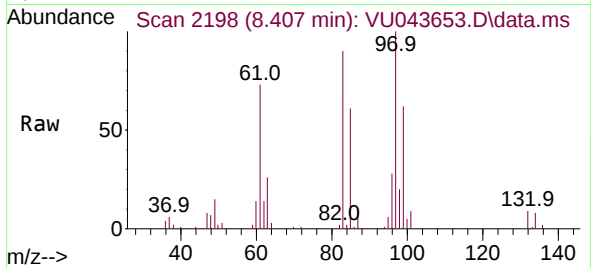




#45
1,1,2-Trichloroethane
Concen: 5.68 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.003 min
Lab File: VU043653.D
Acq: 11 May 2021 10:05

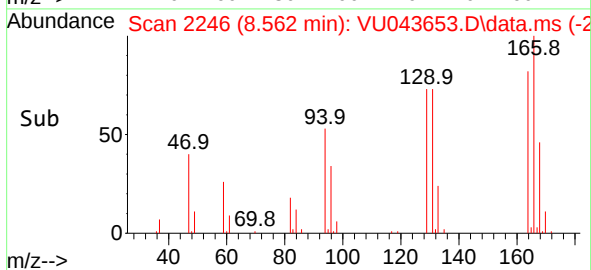
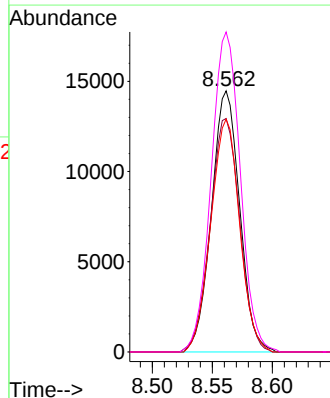
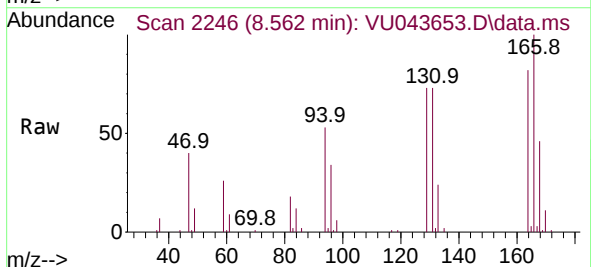
Instrument :
MSVOA_U
ClientSampleId :

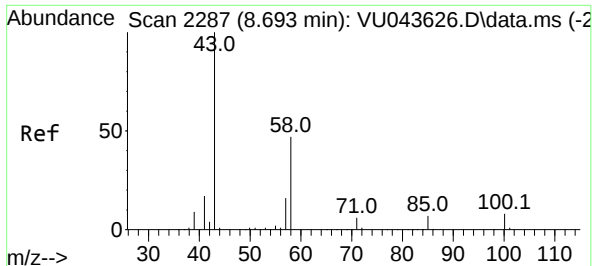
Tgt Ion:	97	Resp:	28470
Ion	Ratio	Lower	Upper
97	100		
99	61.8	42.6	79.0
83	90.3	64.1	119.1
85	61.3	40.6	75.4



#47
Tetrachloroethene
Concen: 5.17 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043653.D
Acq: 11 May 2021 10:05

Tgt Ion:	164	Resp:	23618
Ion	Ratio	Lower	Upper
164	100		
129	89.5	62.5	116.1
131	89.2	64.9	120.5
166	122.6	89.0	165.2



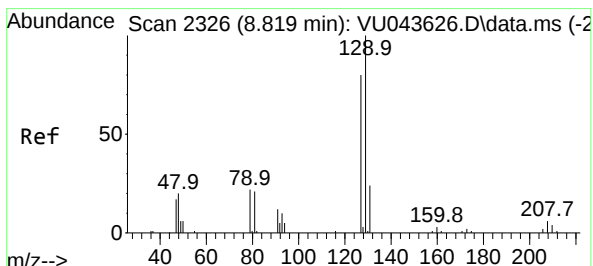
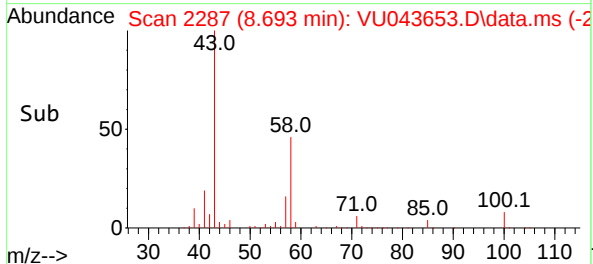
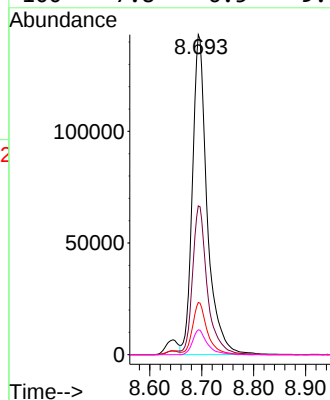
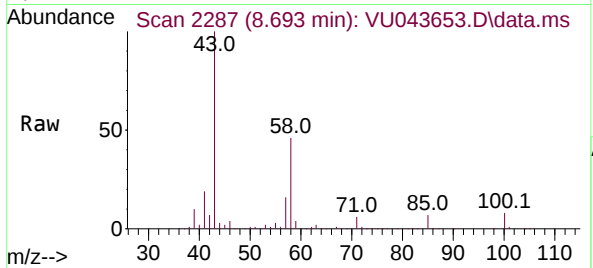


#48
2-Hexanone
Concen: 64.13 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VU043653.D
Acq: 11 May 2021 10:05

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 282259

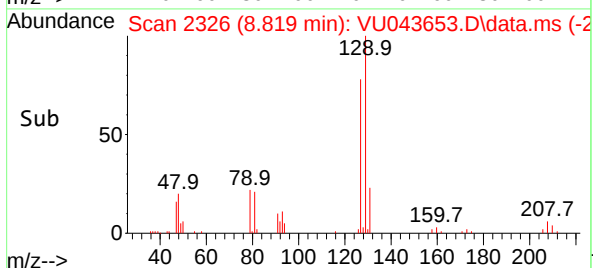
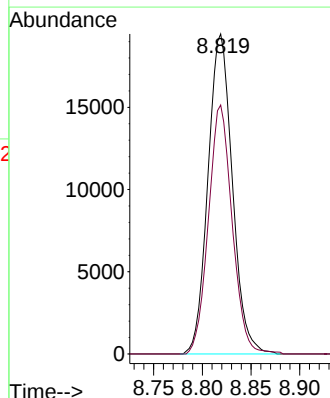
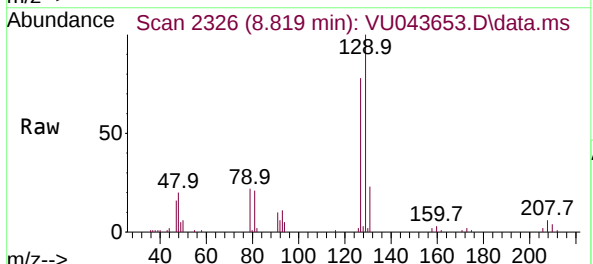
Ion	Ratio	Lower	Upper
43	100		
58	46.7	36.8	55.2
57	16.4	13.2	19.8
100	7.8	6.5	9.7

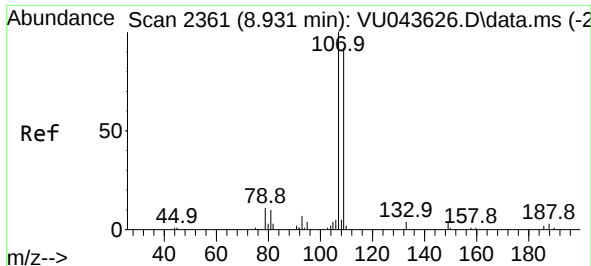


#49
Dibromochloromethane
Concen: 5.59 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VU043653.D
Acq: 11 May 2021 10:05

Tgt Ion: 129 Resp: 33857

Ion	Ratio	Lower	Upper
129	100		
127	77.8	52.4	97.4





#50

1,2-Dibromoethane

Concen: 5.67 ug/L

RT: 8.931 min Scan# 2361

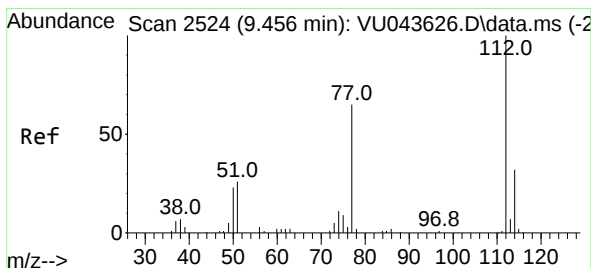
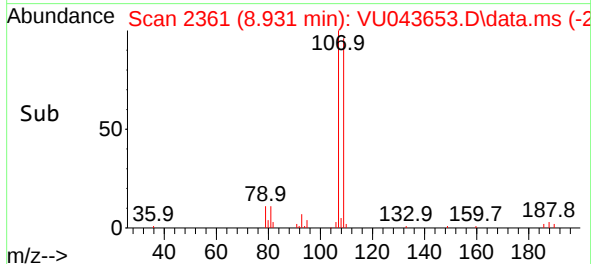
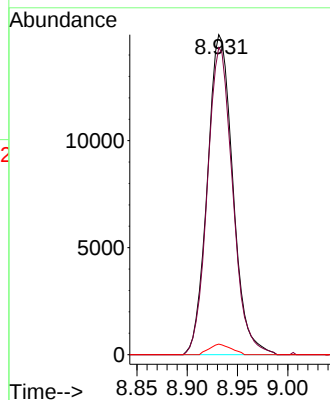
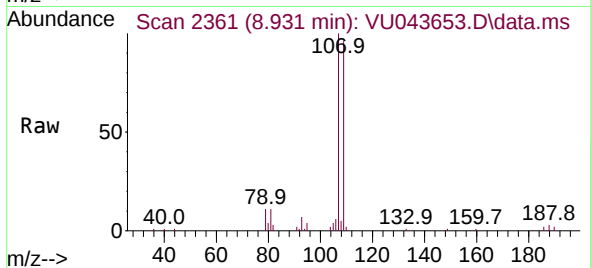
Delta R.T. -0.000 min

Lab File: VU043653.D

Acq: 11 May 2021 10:05

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	107	Resp:	26429
Ion	Ratio	Lower	Upper
107	100		
109	96.0	67.6	125.6
188	3.3	2.6	3.8



#51

Chlorobenzene

Concen: 5.42 ug/L

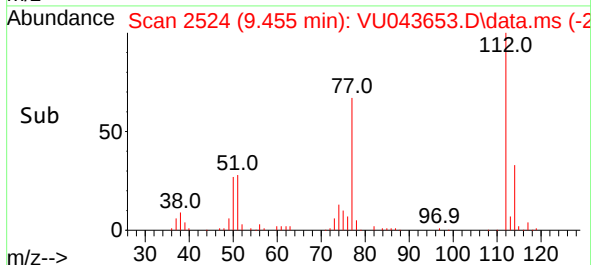
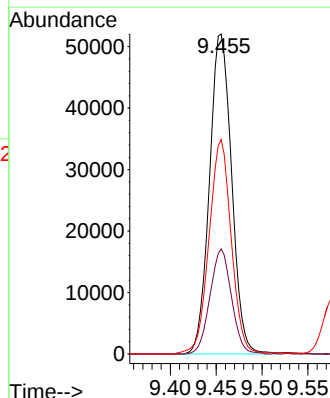
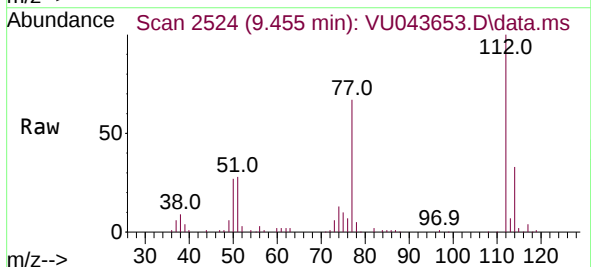
RT: 9.455 min Scan# 2524

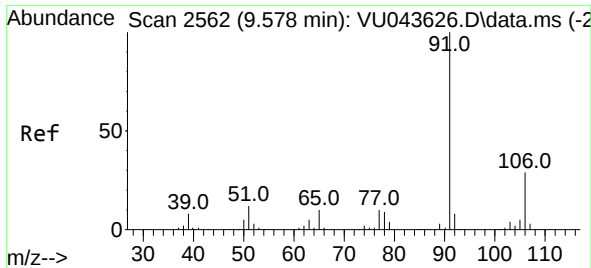
Delta R.T. -0.000 min

Lab File: VU043653.D

Acq: 11 May 2021 10:05

Tgt Ion:	112	Resp:	87442
Ion	Ratio	Lower	Upper
112	100		
114	32.9	22.0	41.0
77	67.0	51.0	76.4

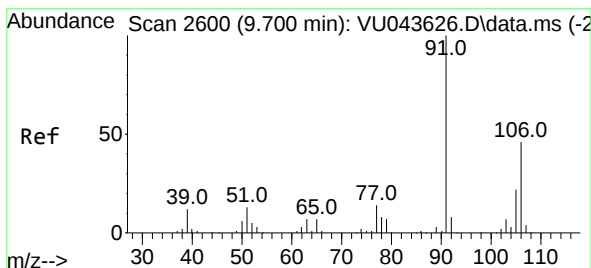
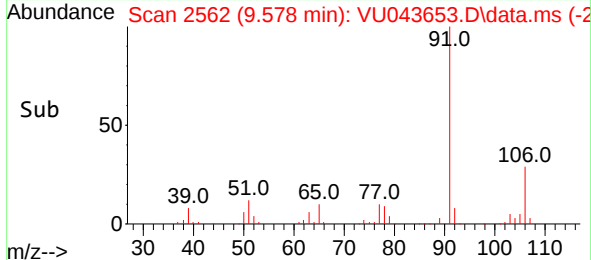
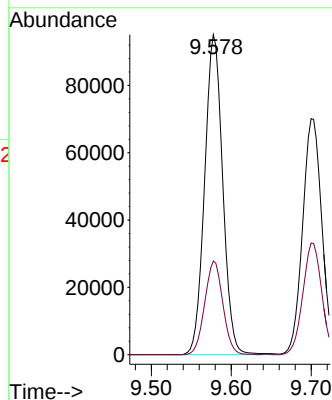
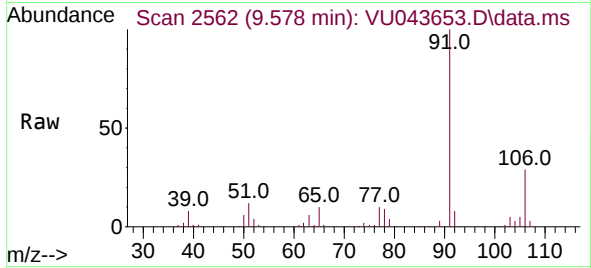




#52
Ethylbenzene
Concen: 5.57 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU043653.D
Acq: 11 May 2021 10:05

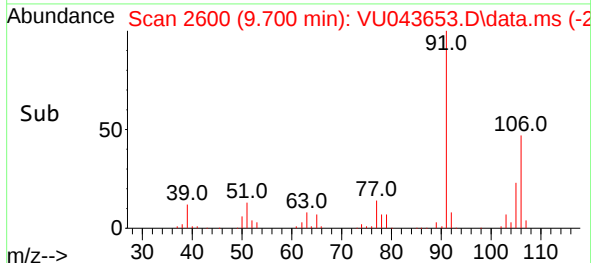
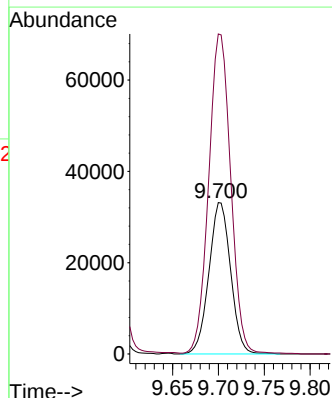
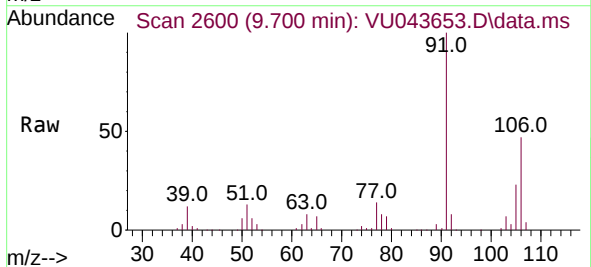
Instrument :
MSVOA_U
ClientSampled :

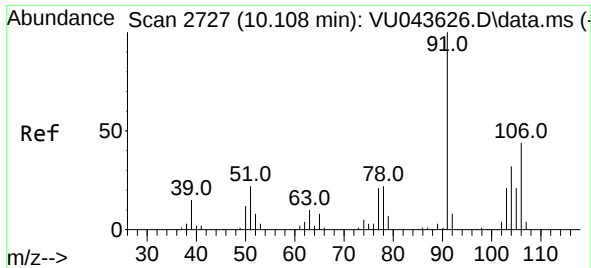
Tgt Ion: 91 Resp: 149978
Ion Ratio Lower Upper
91 100
106 29.3 20.5 38.1



#53
m,p-Xylene
Concen: 5.58 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU043653.D
Acq: 11 May 2021 10:05

Tgt Ion: 106 Resp: 54611
Ion Ratio Lower Upper
106 100
91 211.4 150.3 279.1

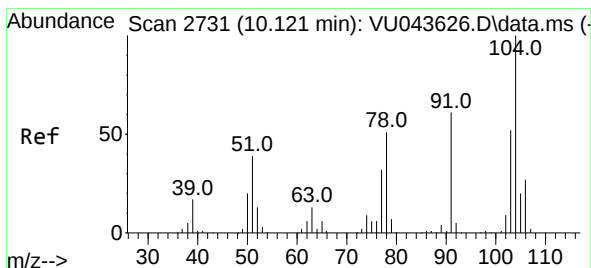
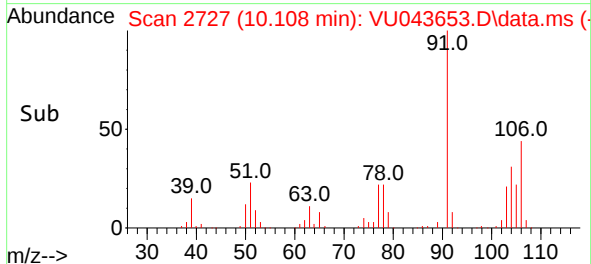
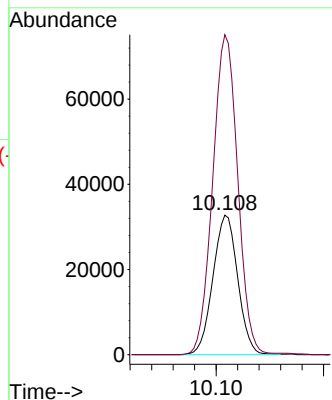
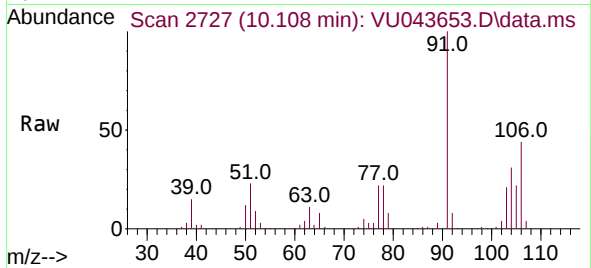




#54
o-Xylene
Concen: 5.52 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU043653.D
Acq: 11 May 2021 10:05

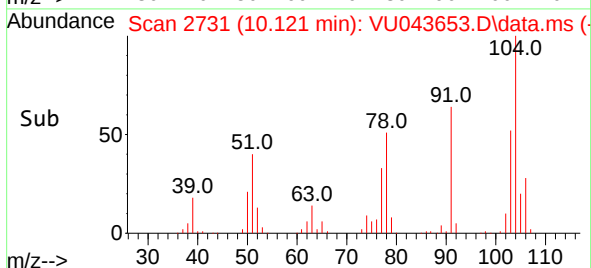
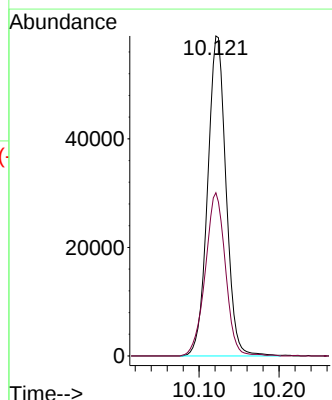
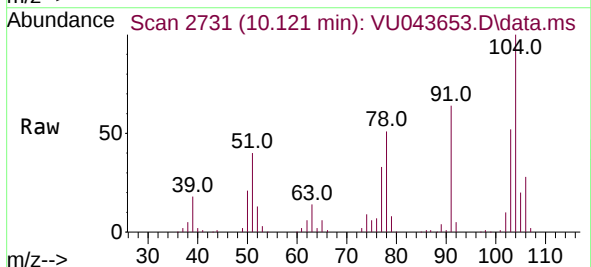
Instrument :
MSVOA_U
ClientSampleId :

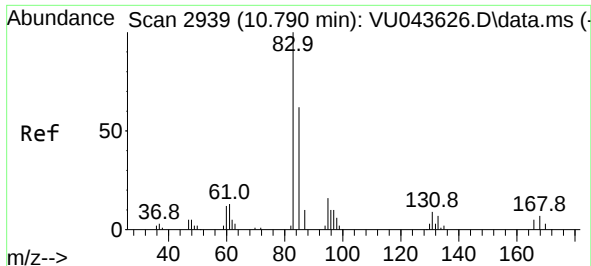
Tgt Ion:106 Resp: 52492
Ion Ratio Lower Upper
106 100
91 229.2 157.3 292.1



#55
Styrene
Concen: 5.67 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU043653.D
Acq: 11 May 2021 10:05

Tgt Ion:104 Resp: 94407
Ion Ratio Lower Upper
104 100
78 51.0 35.3 65.5

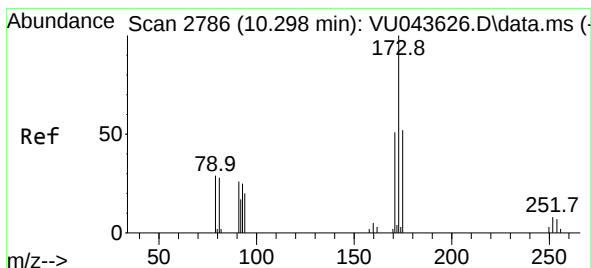
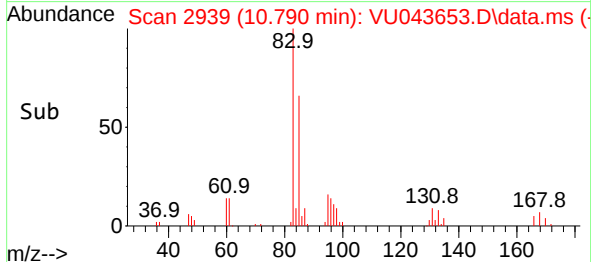
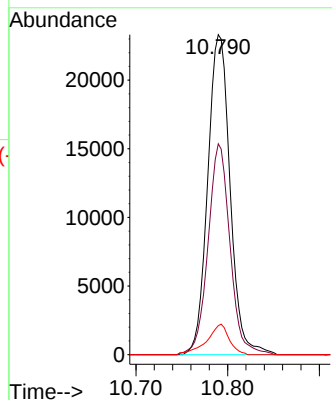
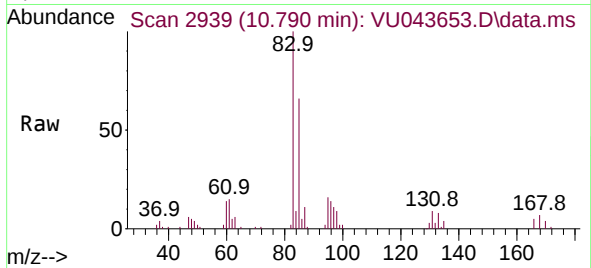




#57
1,1,2,2-Tetrachloroethane
Concen: 5.86 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU043653.D
Acq: 11 May 2021 10:05

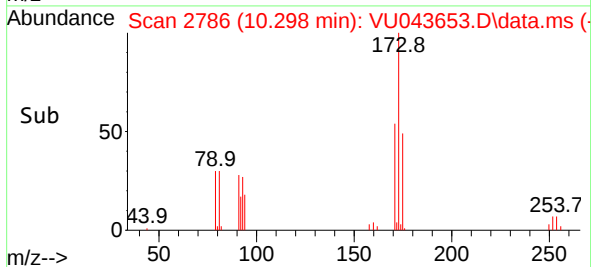
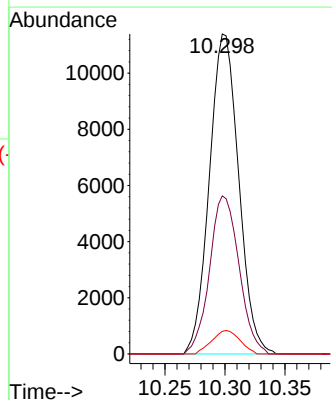
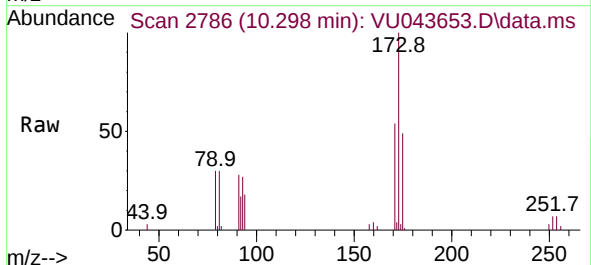
Instrument :
MSVOA_U
ClientSampleId :

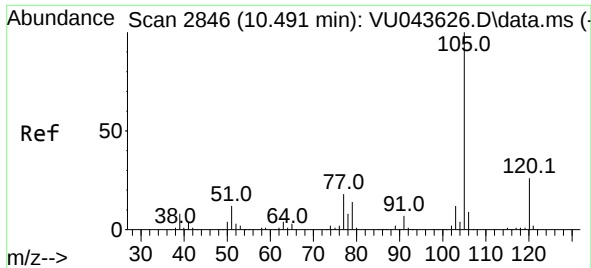
Tgt Ion:	83	Resp:	39557
Ion	Ratio	Lower	Upper
83	100		
85	65.9	42.6	79.0
131	9.1	7.4	11.2



#59
Bromoform
Concen: 5.81 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VU043653.D
Acq: 11 May 2021 10:05

Tgt Ion:	173	Resp:	19344
Ion	Ratio	Lower	Upper
173	100		
175	49.7	39.4	59.0
254	7.0	5.9	8.9

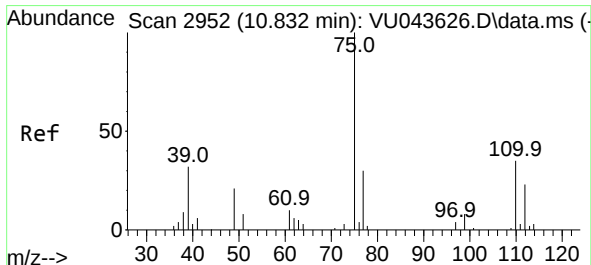
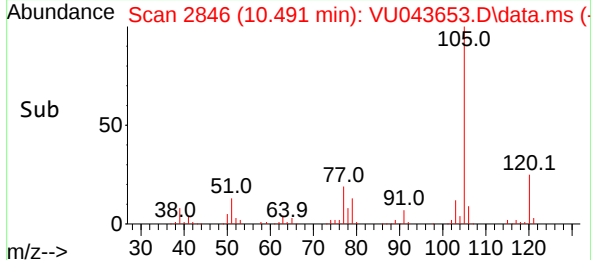
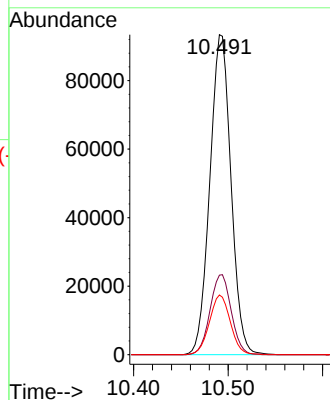
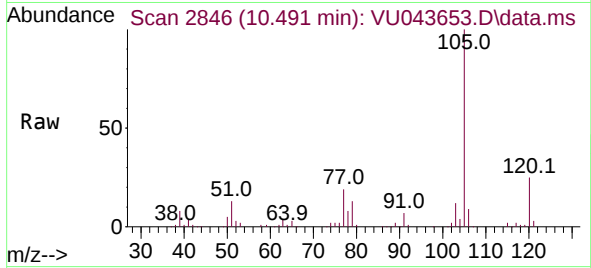




#60
Isopropylbenzene
Concen: 5.81 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU043653.D
Acq: 11 May 2021 10:05

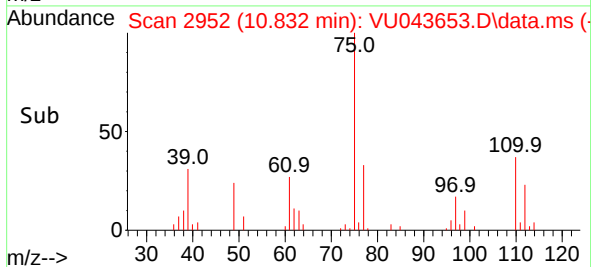
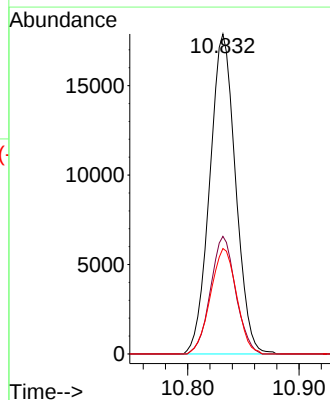
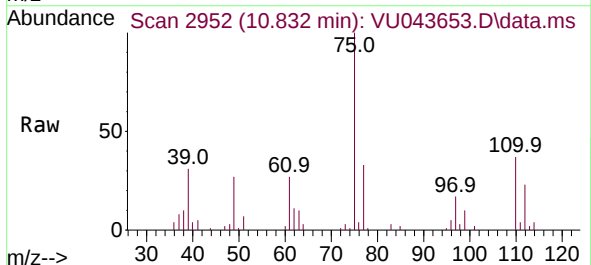
Instrument :
MSVOA_U
ClientSampled :

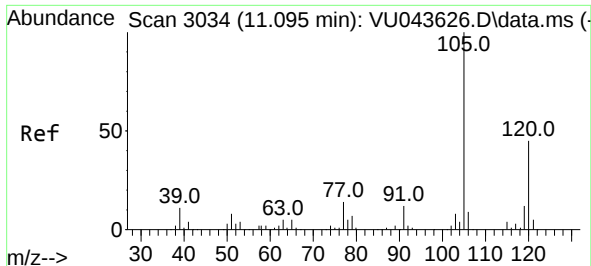
Tgt Ion:105 Resp: 145068
Ion Ratio Lower Upper
105 100
120 25.0 20.4 30.6
77 18.5 14.6 21.8



#61
1,2,3-Trichloropropane
Concen: 6.21 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. -0.000 min
Lab File: VU043653.D
Acq: 11 May 2021 10:05

Tgt Ion: 75 Resp: 28768
Ion Ratio Lower Upper
75 100
110 35.7 28.6 42.8
77 33.4 25.7 38.5

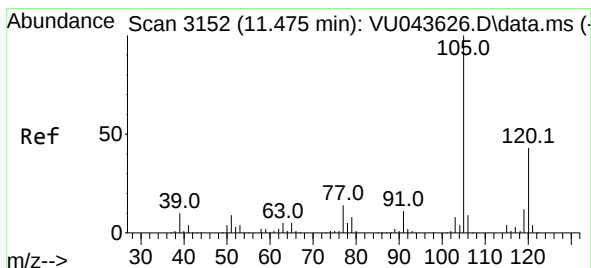
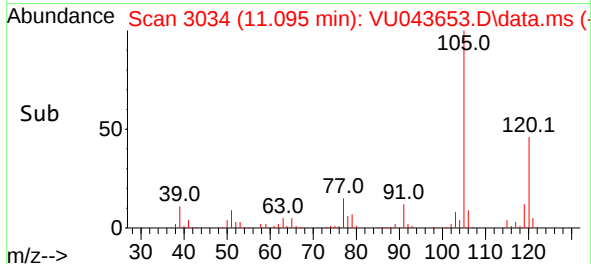
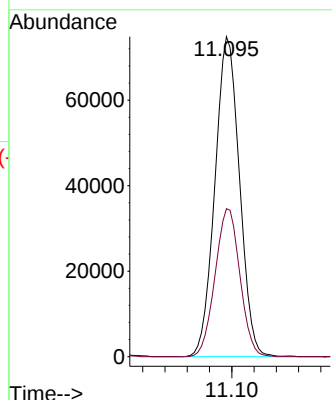
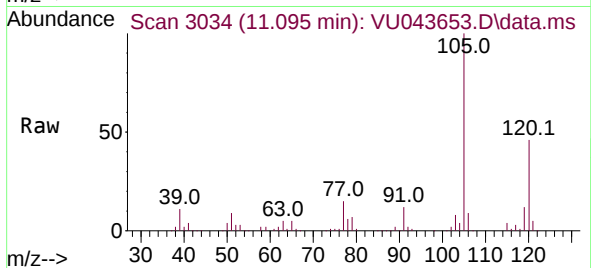




#62
1,3,5-Trimethylbenzene
Concen: 5.85 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU043653.D
Acq: 11 May 2021 10:05

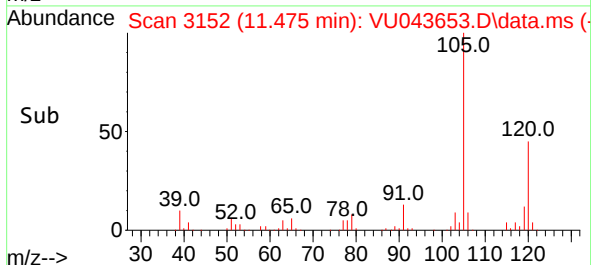
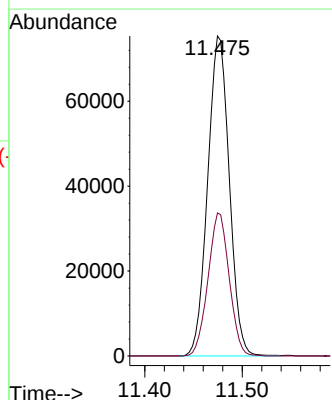
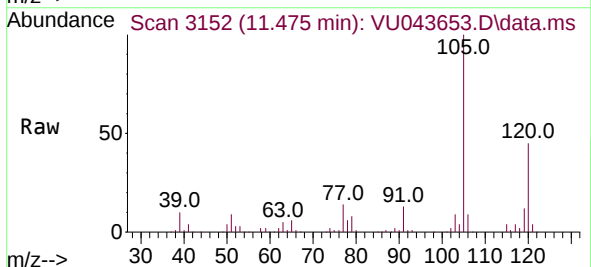
Instrument :
MSVOA_U
ClientSampleId :

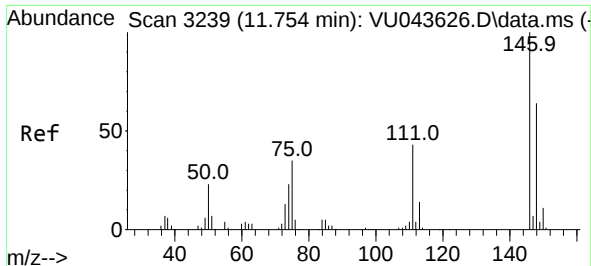
Tgt Ion:105 Resp: 114683
Ion Ratio Lower Upper
105 100
120 46.7 36.6 55.0



#63
1,2,4-Trimethylbenzene
Concen: 5.92 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043653.D
Acq: 11 May 2021 10:05

Tgt Ion:105 Resp: 116158
Ion Ratio Lower Upper
105 100
120 43.8 35.4 53.0

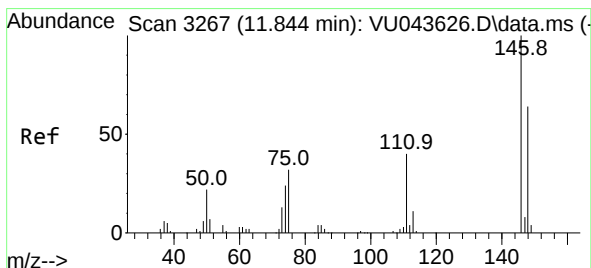
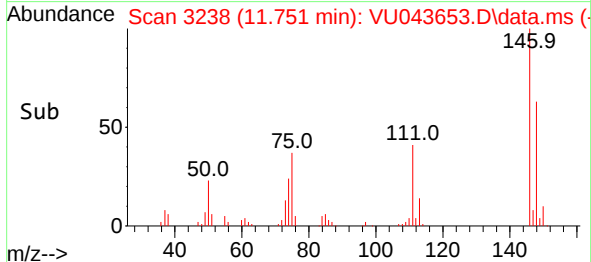
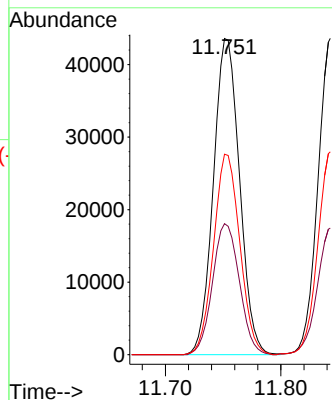
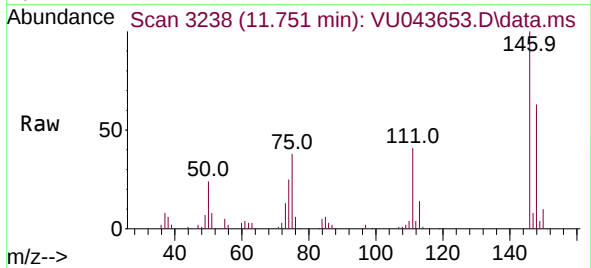




#64
1,3-Dichlorobenzene
Concen: 5.55 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.003 min
Lab File: VU043653.D
Acq: 11 May 2021 10:05

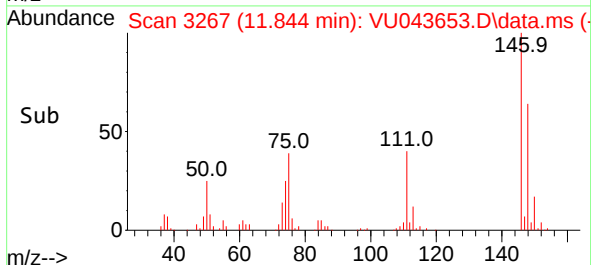
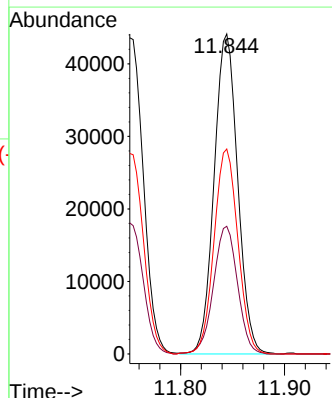
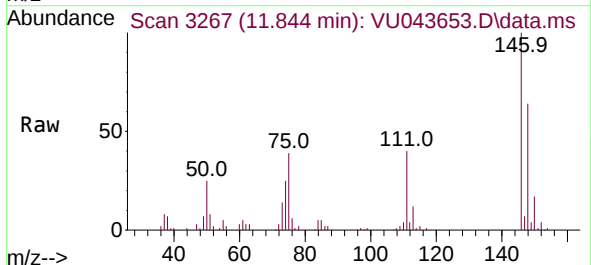
Instrument :
MSVOA_U
ClientSampleId :

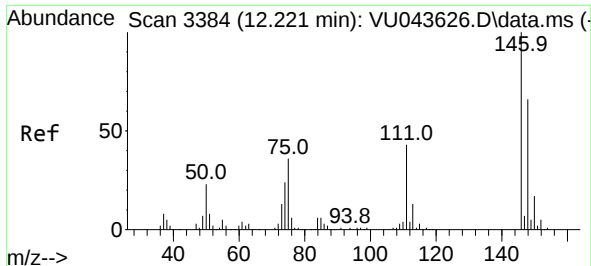
Tgt Ion:146 Resp: 68633
Ion Ratio Lower Upper
146 100
111 41.5 28.9 53.7
148 63.4 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 5.48 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. -0.000 min
Lab File: VU043653.D
Acq: 11 May 2021 10:05

Tgt Ion:146 Resp: 69556
Ion Ratio Lower Upper
146 100
111 39.9 27.6 51.2
148 64.0 44.6 82.8

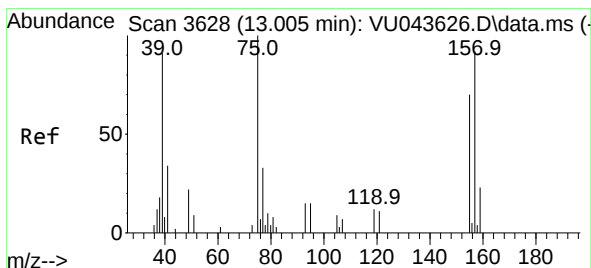
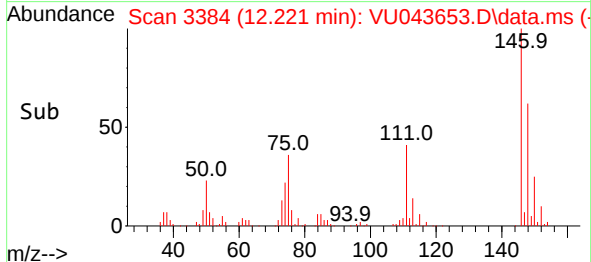
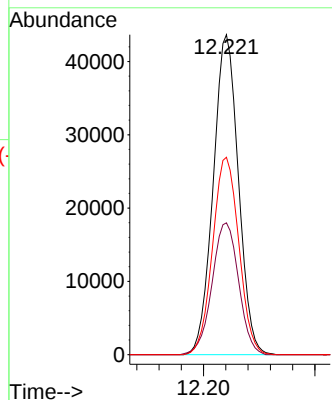
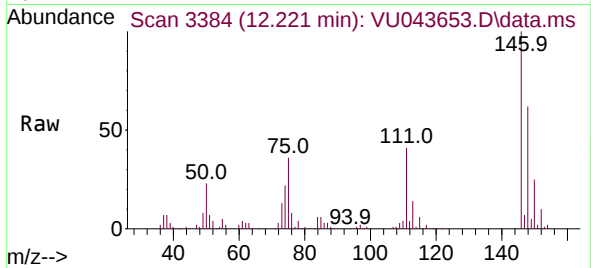




#67
1,2-Dichlorobenzene
Concen: 5.50 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. -0.000 min
Lab File: VU043653.D
Acq: 11 May 2021 10:05

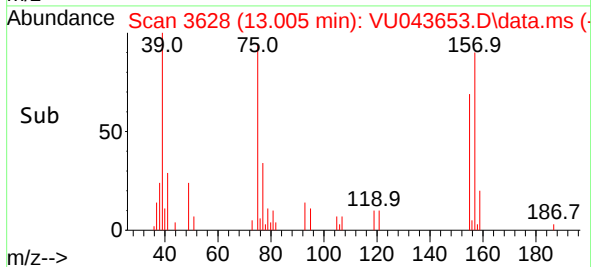
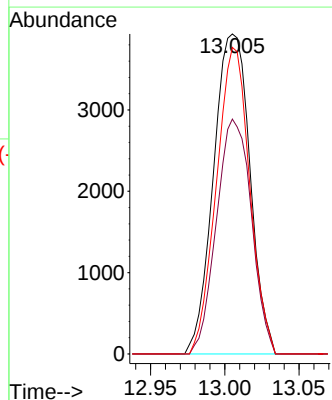
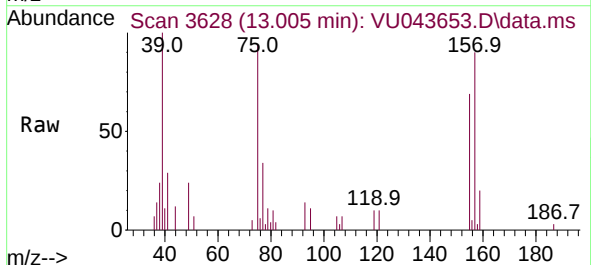
Instrument :
MSVOA_U
ClientSampled :

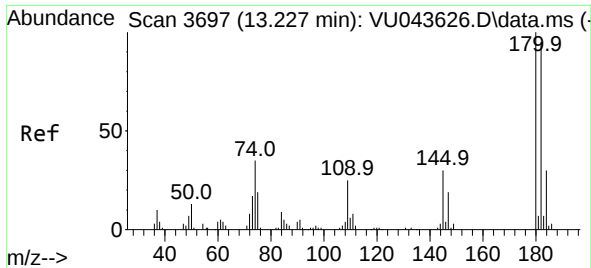
Tgt Ion:146 Resp: 68516
Ion Ratio Lower Upper
146 100
111 41.2 32.6 49.0
148 61.7 51.8 77.8



#68
1,2-Dibromo-3-chloropropane
Concen: 6.08 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. -0.000 min
Lab File: VU043653.D
Acq: 11 May 2021 10:05

Tgt Ion: 75 Resp: 6715
Ion Ratio Lower Upper
75 100
155 73.4 57.8 86.6
157 95.8 68.5 102.7

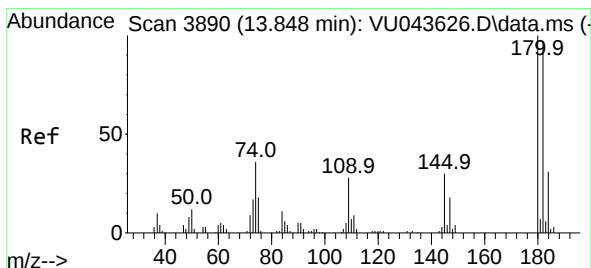
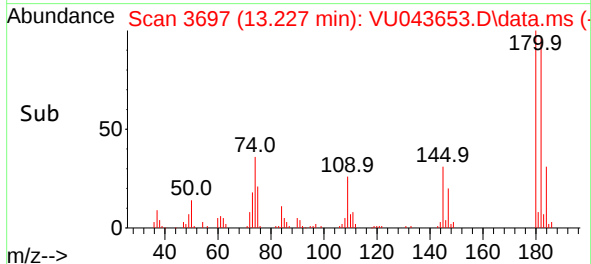
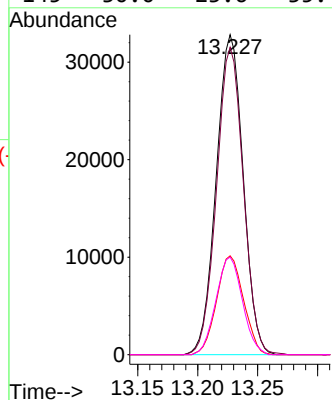
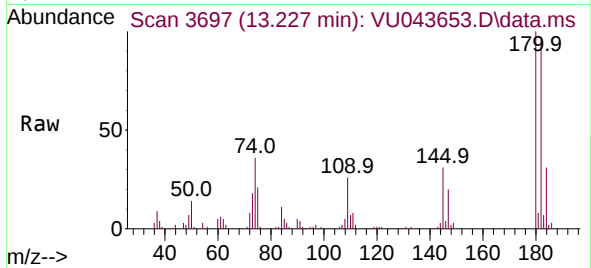




#69
1,3,5-Trichlorobenzene
Concen: 5.22 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. -0.000 min
Lab File: VU043653.D
Acq: 11 May 2021 10:05

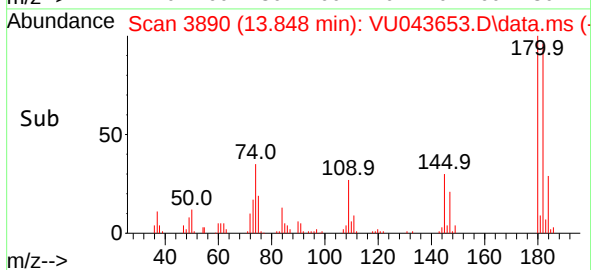
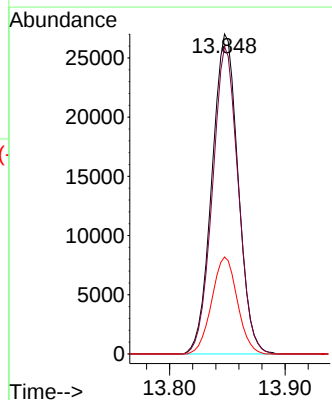
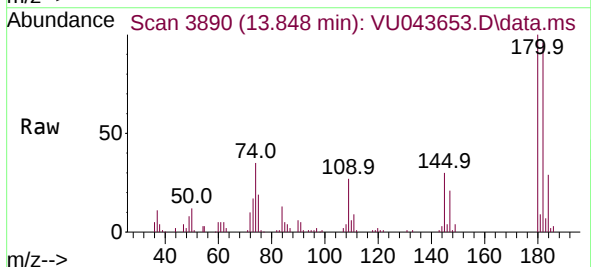
Instrument :
MSVOA_U
ClientSampleId :

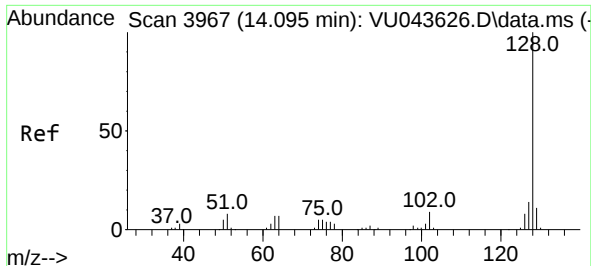
Tgt Ion:	180	Resp:	51126
Ion Ratio	Lower	Upper	
180	100		
182	95.5	76.0	114.0
184	30.9	24.1	36.1
145	30.0	23.6	35.4



#70
1,2,4-trichlorobenzene
Concen: 5.27 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. -0.000 min
Lab File: VU043653.D
Acq: 11 May 2021 10:05

Tgt Ion:	180	Resp:	42492
Ion Ratio	Lower	Upper	
180	100		
182	94.3	75.9	113.9
145	29.6	24.6	37.0

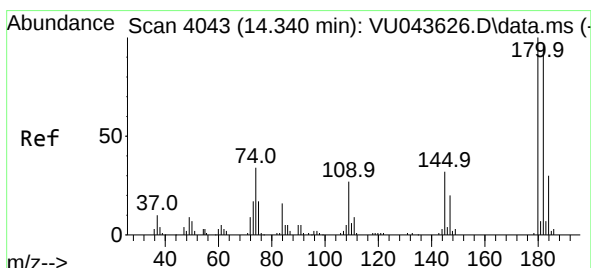
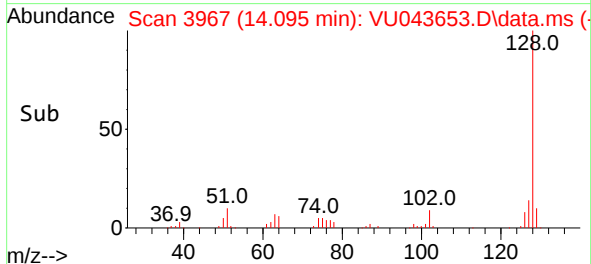
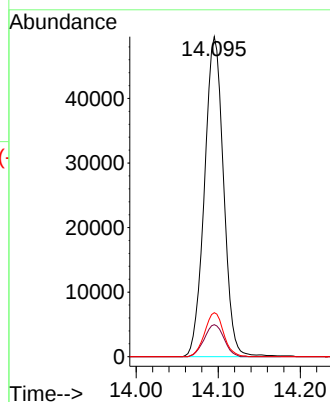
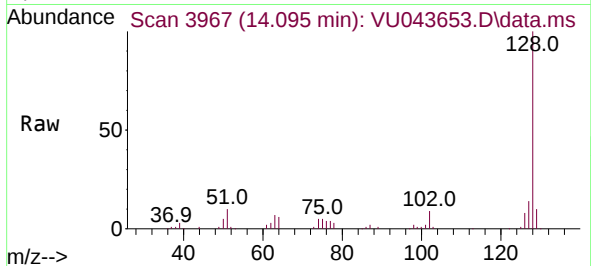




#71
Naphthalene
Concen: 5.76 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VU043653.D
Acq: 11 May 2021 10:05

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	128	Resp:	80051
Ion Ratio	Lower	Upper	
128	100		
129	10.4	8.9	13.3
127	13.7	10.6	15.8



#72
1,2,3-Trichlorobenzene
Concen: 5.60 ug/L
RT: 14.339 min Scan# 4043
Delta R.T. -0.000 min
Lab File: VU043653.D
Acq: 11 May 2021 10:05

Tgt Ion:	180	Resp:	42422
Ion Ratio	Lower	Upper	
180	100		
182	95.3	75.7	113.5
145	32.1	25.7	38.5

