

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042321\
 Data File : VU043306.D
 Acq On : 23 Apr 2021 21:09
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 24 06:35:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 24 06:31:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	110118	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	108462	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	58902	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	25949	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.919	69	22685	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.00%
11) 1,1-Dichloroethene-d2	2.575	65	17801	5.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.80%
20) 2-Butanone-d5	4.661	46	145290	59.16	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.32%
24) Chloroform-d	5.076	84	75923	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
26) 1,2-Dichloroethane-d4	5.713	65	46422	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.739	84	133090	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
36) 1,2-Dichloropropane-d6	6.700	67	45101	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.60%
41) Toluene-d8	7.906	98	123664	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloroprop...	8.185	79	17951	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	8.645	63	93911	50.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.82%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	40172	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	47980	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	37434	5.30	ug/L	98
3) Chloromethane	1.523	50	33508	4.82	ug/L	100
5) Vinyl chloride	1.607	62	33847	4.68	ug/L	99
6) Bromomethane	1.864	94	17801	4.12	ug/L	96
8) Chloroethane	1.941	64	19858	3.81	ug/L	97
9) Trichlorofluoromethane	2.144	101	60100	4.46	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	38350	5.27	ug/L	95
12) 1,1-Dichloroethene	2.588	96	32725	5.35	ug/L	79
13) Acetone	2.687	43	99528	55.15	ug/L	92
14) Carbon disulfide	2.800	76	81366	5.22	ug/L	99
15) Methyl Acetate	2.977	43	22547	6.64	ug/L	# 89
16) Methylene chloride	3.054	84	48605	6.14	ug/L	81
17) Methyl tert-butyl Ether	3.375	73	99288	4.96	ug/L	# 92
18) trans-1,2-Dichloroethene	3.362	96	33408	5.12	ug/L	93
19) 1,1-Dichloroethane	3.880	63	76359	5.37	ug/L	98
21) 2-Butanone	4.742	43	189885	63.76	ug/L	78
22) cis-1,2-Dichloroethene	4.678	96	39222	5.08	ug/L	86
23) Bromochloromethane	4.983	128	20017	5.68	ug/L	# 80
25) Chloroform	5.099	83	80880	5.34	ug/L	99

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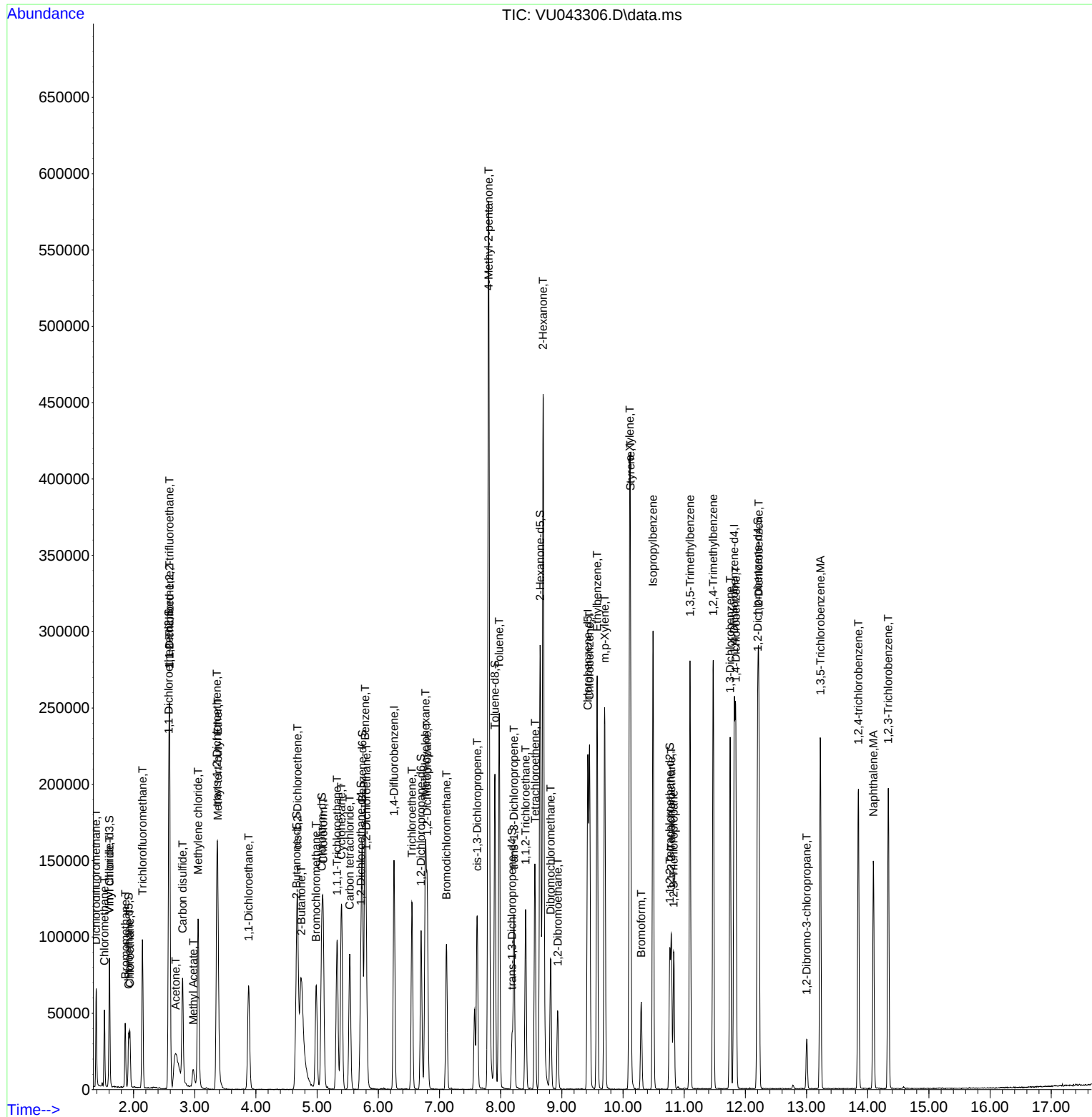
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	61090	5.50	ug/L	98
29) 1,1,1-Trichloroethane	5.327	97	68315	5.10	ug/L #	94
30) Cyclohexane	5.398	56	55795	4.86	ug/L	86
31) Carbon tetrachloride	5.533	117	56597	5.07	ug/L	97
33) Benzene	5.784	78	152484	5.26	ug/L	100
34) Trichloroethene	6.549	95	39026	4.89	ug/L	93
35) Methylcyclohexane	6.771	83	51643	4.67	ug/L	88
37) 1,2-Dichloropropane	6.800	63	44509	5.45	ug/L #	97
38) Bromodichloromethane	7.115	83	59188	5.40	ug/L	95
39) cis-1,3-Dichloropropene	7.616	75	59519	4.99	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	432960	59.27	ug/L #	83
42) Toluene	7.976	91	165943	5.12	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	56759	5.05	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	33234	5.45	ug/L	96
47) Tetrachloroethene	8.562	164	30762	4.86	ug/L	93
48) 2-Hexanone	8.693	43	334952	62.32	ug/L #	83
49) Dibromochloromethane	8.819	129	40956	5.32	ug/L	92
50) 1,2-Dibromoethane	8.931	107	32205	5.31	ug/L #	96
51) Chlorobenzene	9.452	112	103171	4.99	ug/L	93
52) Ethylbenzene	9.578	91	178629	4.82	ug/L	96
53) m,p-Xylene	9.700	106	65867	4.85	ug/L	87
54) o-Xylene	10.108	106	65090	4.84	ug/L	93
55) Styrene	10.121	104	113305	4.92	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.790	83	45056	5.62	ug/L	99
59) Bromoform	10.298	173	24989	5.19	ug/L	99
60) Isopropylbenzene	10.491	105	174570	4.62	ug/L	97
61) 1,2,3-Trichloropropane	10.828	75	34275	5.63	ug/L	97
62) 1,3,5-Trimethylbenzene	11.095	105	140127	4.53	ug/L	96
63) 1,2,4-Trimethylbenzene	11.475	105	141704	4.46	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	88219	4.92	ug/L	99
65) 1,4-Dichlorobenzene	11.844	146	86803	4.77	ug/L	98
67) 1,2-Dichlorobenzene	12.217	146	86912	4.99	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	8288	5.60	ug/L	90
69) 1,3,5-Trichlorobenzene	13.227	180	67307	4.57	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	57368	4.71	ug/L	99
71) Naphthalene	14.092	128	109667	5.34	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	57682	5.16	ug/L	99

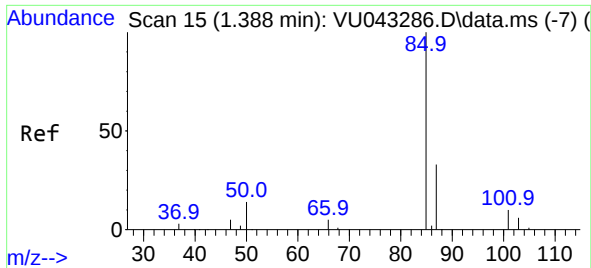
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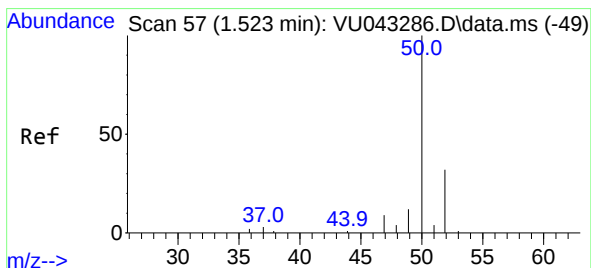
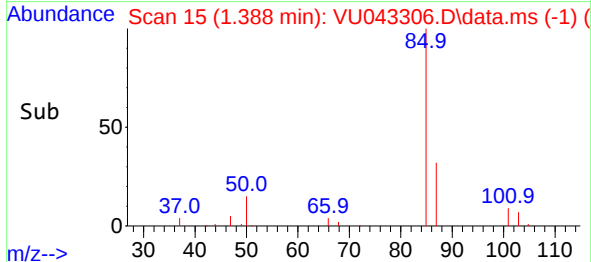
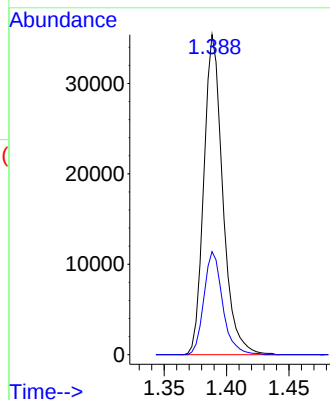
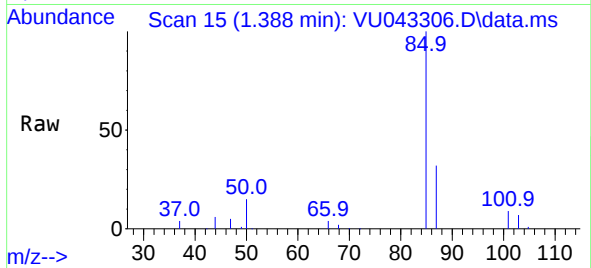




#2
Dichlorodifluoromethane
Concen: 5.30 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

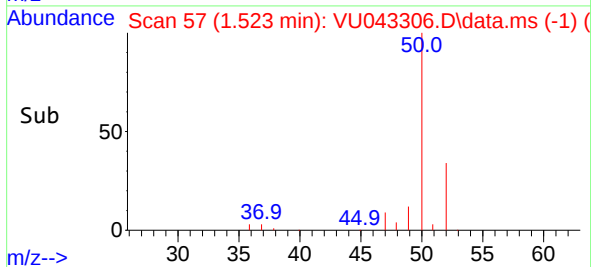
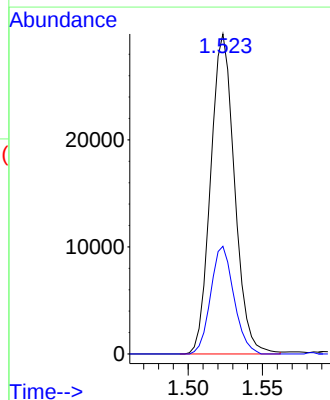
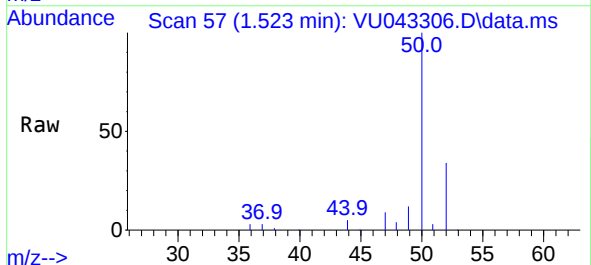
Instrument :
MSVOA_U
ClientSampled :

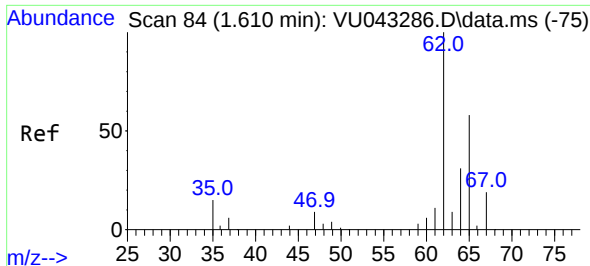
Tgt Ion: 85 Resp: 37434
Ion Ratio Lower Upper
85 100
87 31.8 26.3 39.5



#3
Chloromethane
Concen: 4.82 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

Tgt Ion: 50 Resp: 33508
Ion Ratio Lower Upper
50 100
52 33.7 23.6 43.8

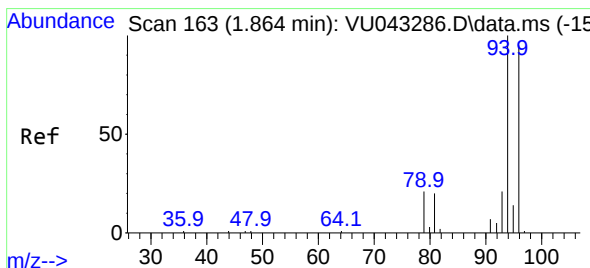
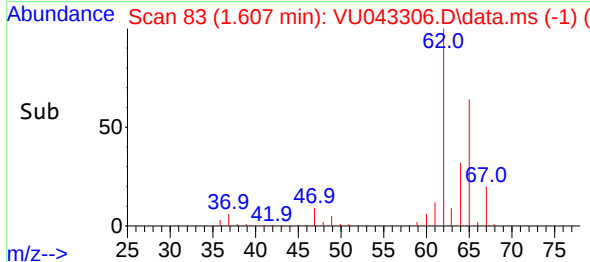
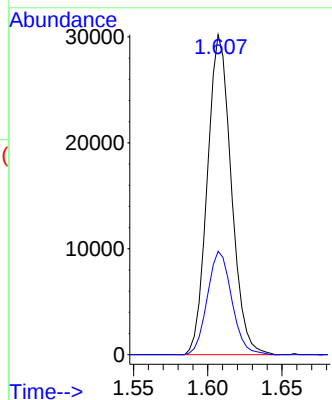
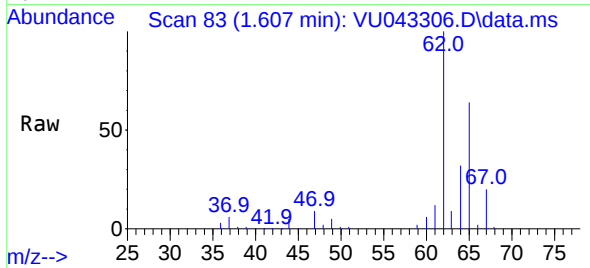




#5
 Vinyl chloride
 Concen: 4.68 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VU043306.D
 Acq: 23 Apr 2021 21:09

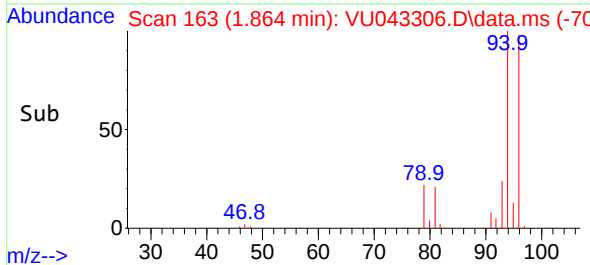
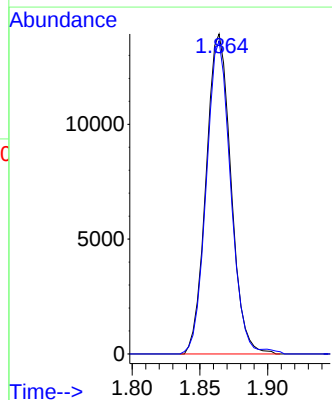
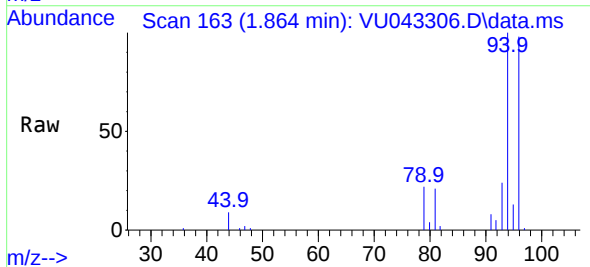
Instrument :
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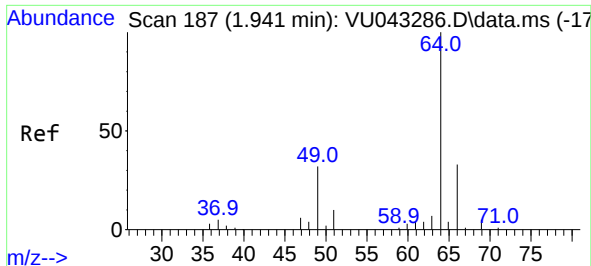
Tgt Ion: 62 Resp: 33847
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.8 42.4



#6
 Bromomethane
 Concen: 4.12 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU043306.D
 Acq: 23 Apr 2021 21:09

Tgt Ion: 94 Resp: 17801
 Ion Ratio Lower Upper
 94 100
 96 97.9 66.1 122.7

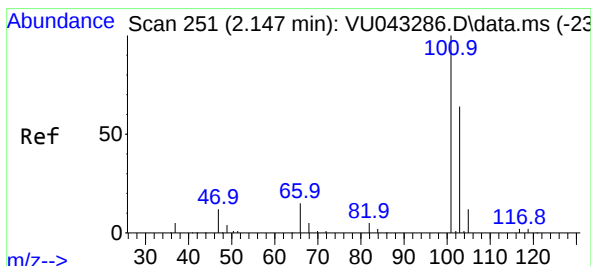
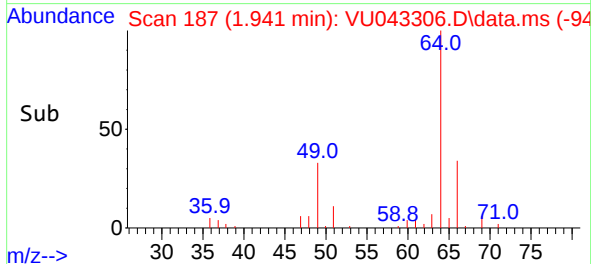
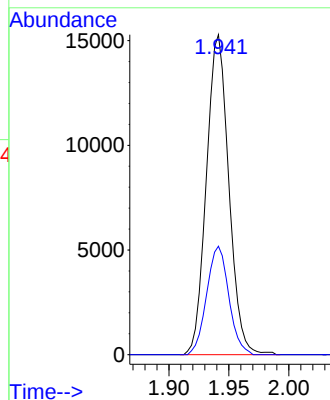
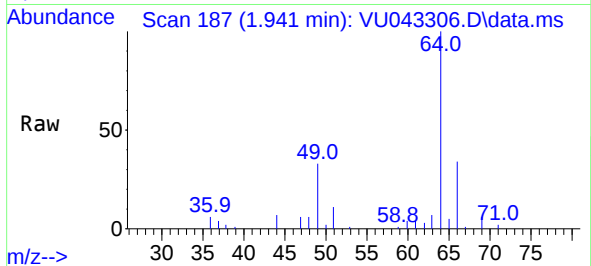




#8
Chloroethane
Concen: 3.81 ug/L
RT: 1.941 min Scan# 187
Delta R.T. -0.000 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

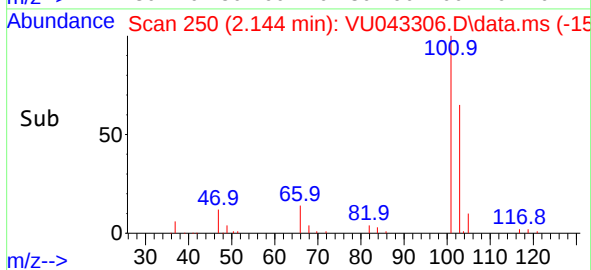
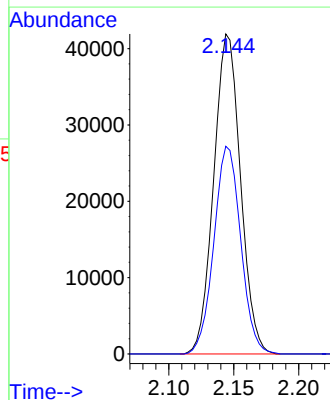
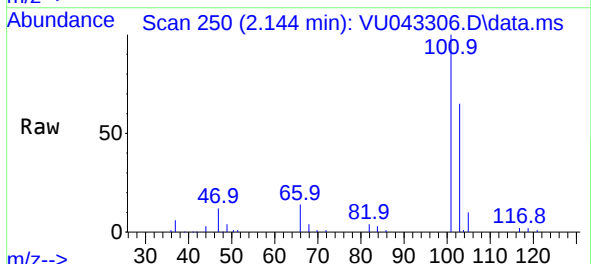
Instrument :
MSVOA_U
ClientSampled :

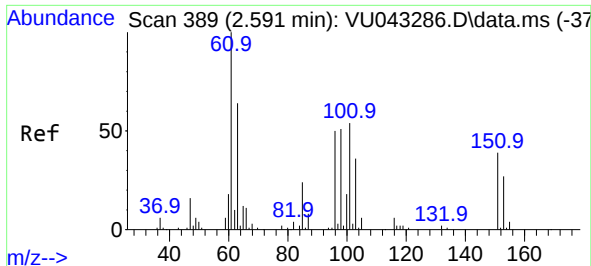
Tgt Ion: 64 Resp: 19858
Ion Ratio Lower Upper
64 100
66 33.9 22.4 41.6



#9
Trichlorofluoromethane
Concen: 4.46 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.003 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

Tgt Ion:101 Resp: 60100
Ion Ratio Lower Upper
101 100
103 65.0 51.5 77.3

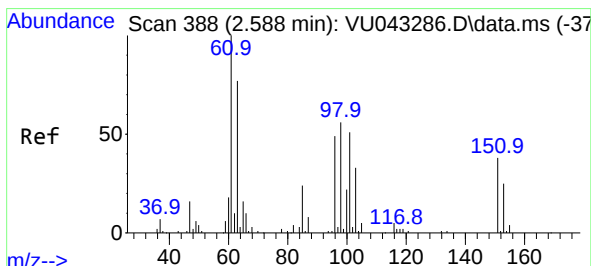
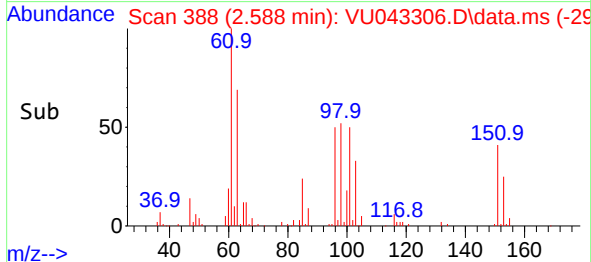
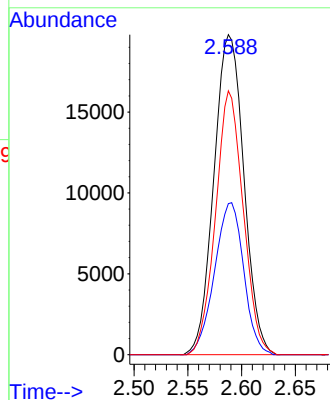
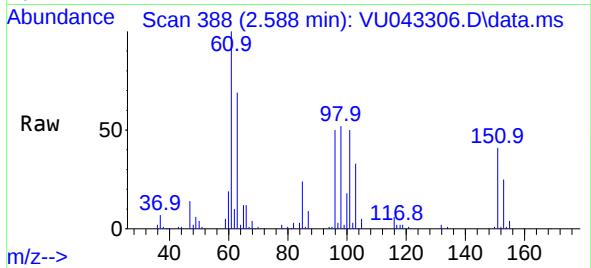




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.27 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.003 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

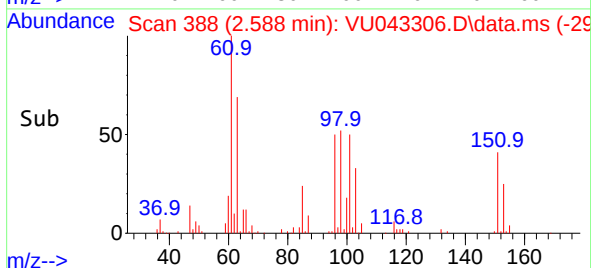
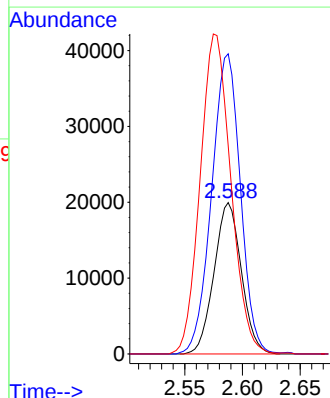
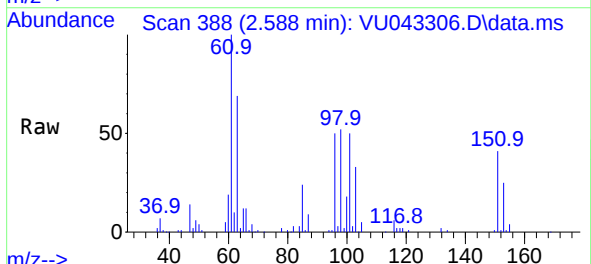
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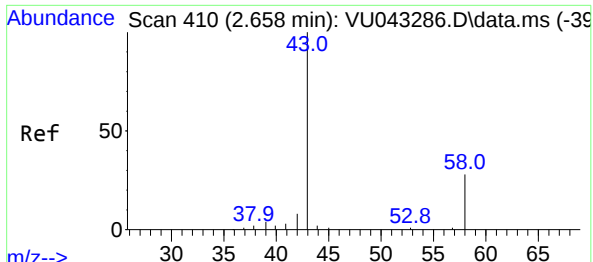
Tgt Ion:101 Resp: 38350
Ion Ratio Lower Upper
101 100
85 46.2 34.5 51.7
151 76.2 57.4 86.2



#12
1,1-Dichloroethene
Concen: 5.35 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

Tgt Ion: 96 Resp: 32725
Ion Ratio Lower Upper
96 100
61 198.2 115.1 213.7
63 137.6 84.1 156.1

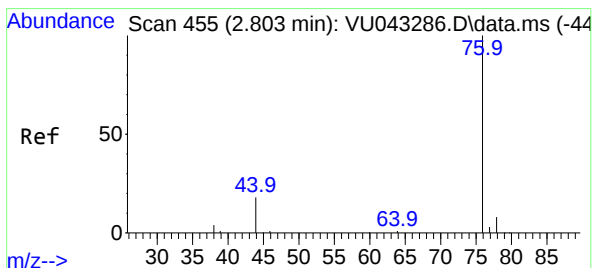
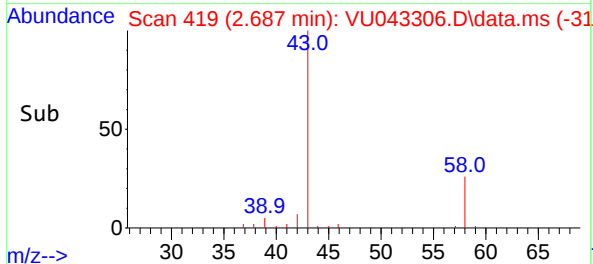
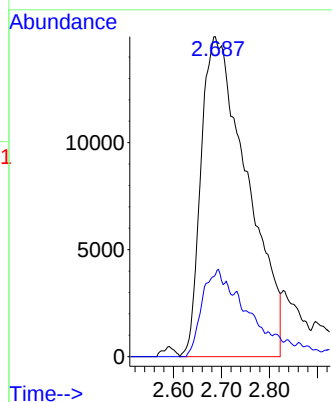
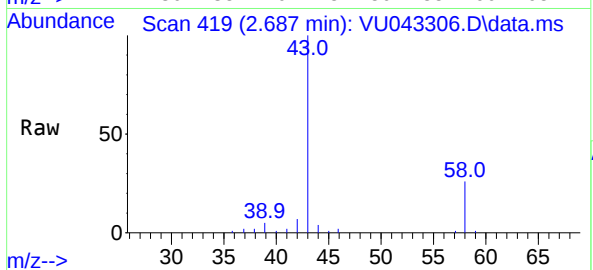




#13
Acetone
Concen: 55.15 ug/L
RT: 2.687 min Scan# 419
Delta R.T. 0.029 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

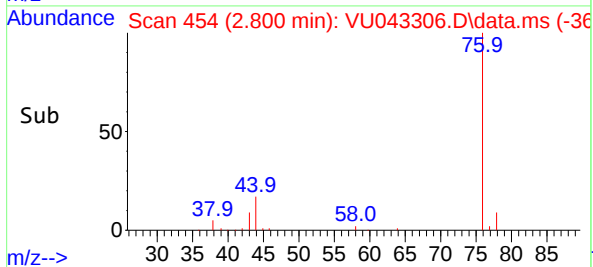
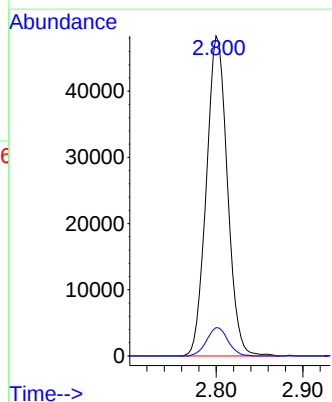
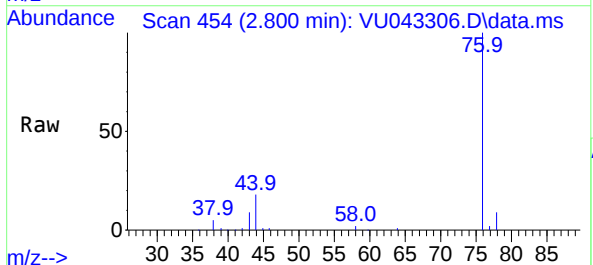
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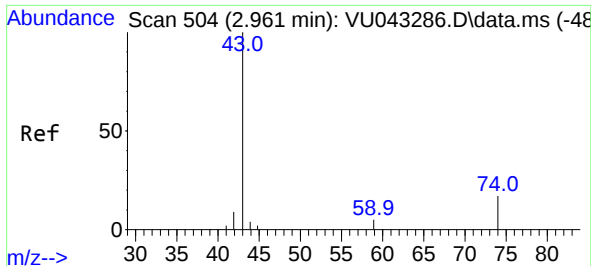
Tgt Ion: 43 Resp: 99528
Ion Ratio Lower Upper
43 100
58 15.5 0.0 25.0



#14
Carbon disulfide
Concen: 5.22 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.003 min
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Tgt Ion: 76 Resp: 81366
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

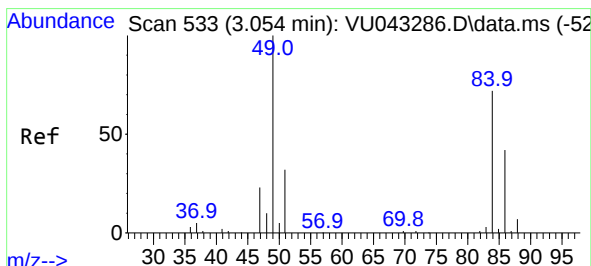
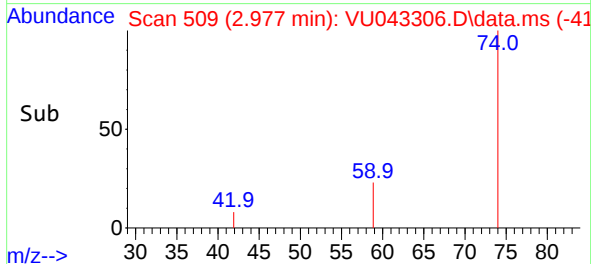
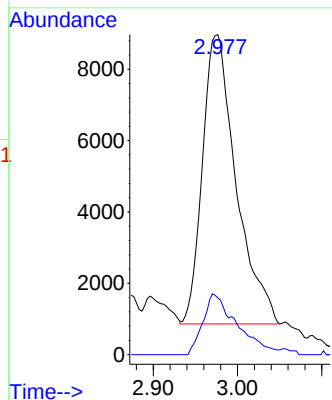
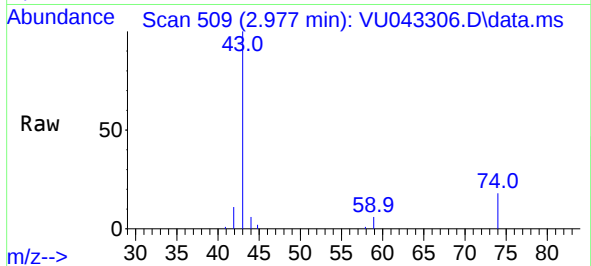




#15
Methyl Acetate
Concen: 6.64 ug/L
RT: 2.977 min Scan# 509
Delta R.T. 0.016 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

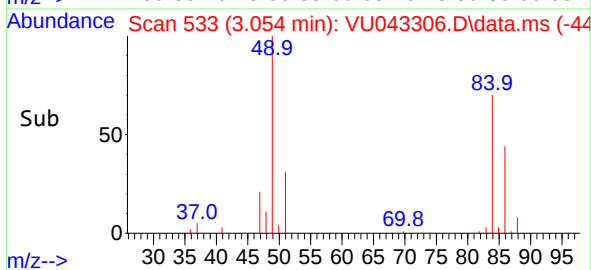
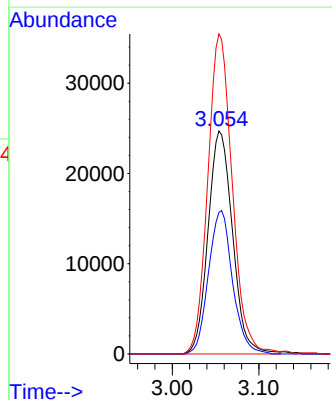
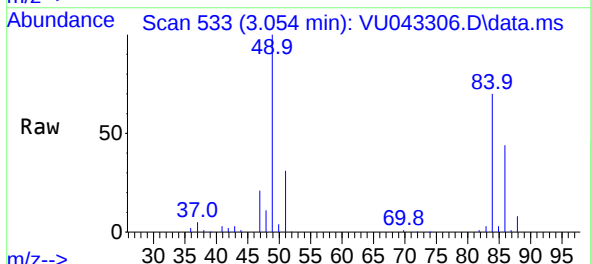
Instrument :
MSVOA_U
ClientSampled :

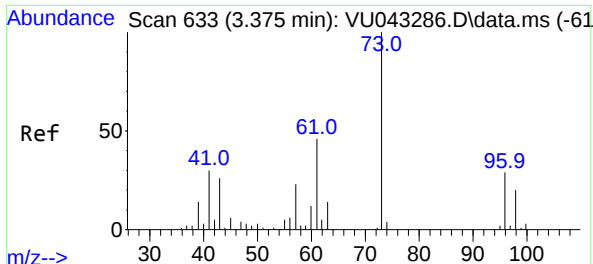
Tgt Ion: 43 Resp: 22547
Ion Ratio Lower Upper
43 100
74 21.3 21.5 32.3#



#16
Methylene chloride
Concen: 6.14 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

Tgt Ion: 84 Resp: 48605
Ion Ratio Lower Upper
84 100
86 63.6 44.9 83.5
49 143.6 79.0 146.8

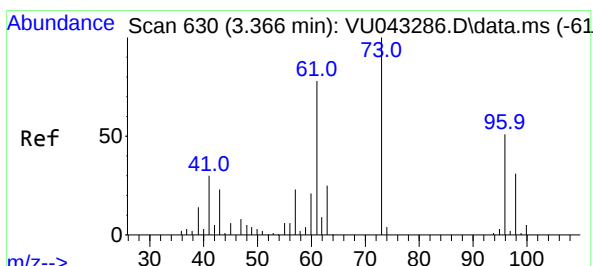
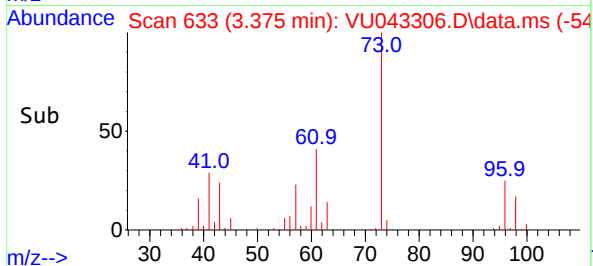
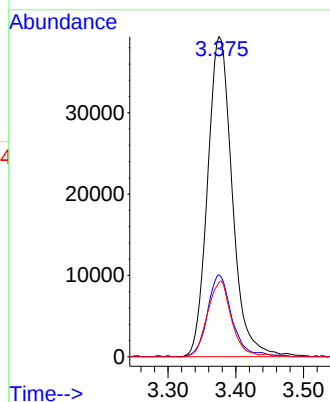
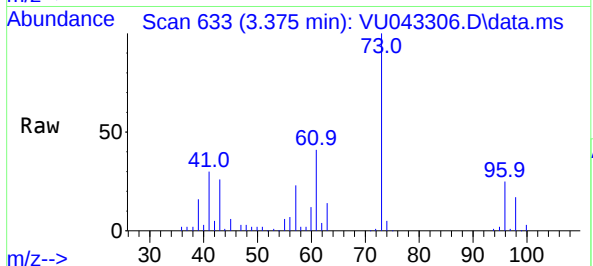




#17
Methyl tert-butyl Ether
Concen: 4.96 ug/L
RT: 3.375 min Scan# 633
Delta R.T. -0.000 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

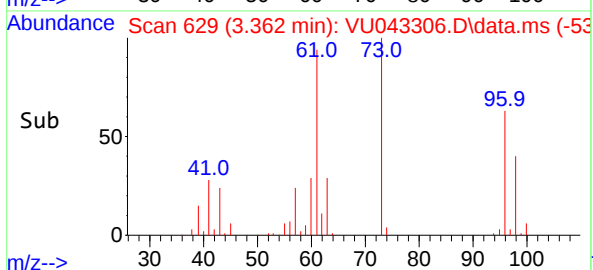
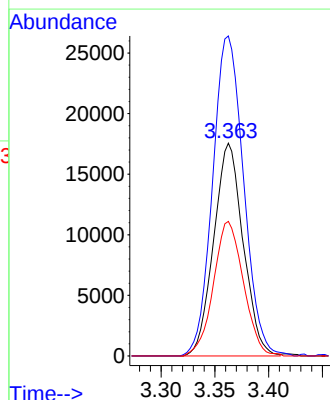
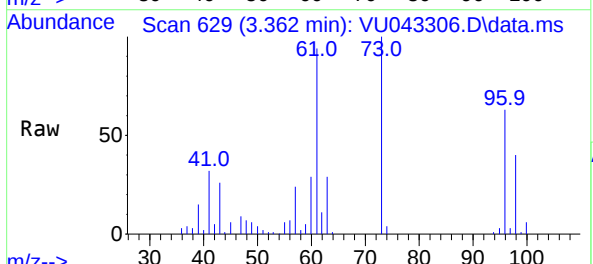
Instrument :
MSVOA_U
ClientSampleId :

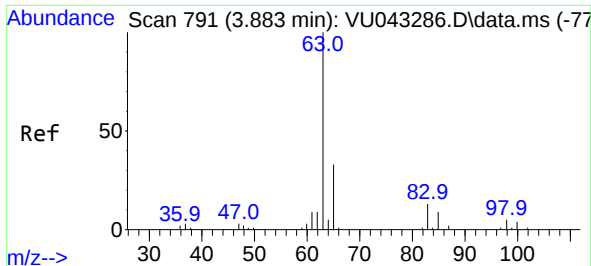
Tgt Ion: 73 Resp: 99288
Ion Ratio Lower Upper
73 100
43 24.7 15.0 22.4#
57 22.8 17.3 25.9



#18
trans-1,2-Dichloroethene
Concen: 5.12 ug/L
RT: 3.362 min Scan# 629
Delta R.T. -0.003 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

Tgt Ion: 96 Resp: 33408
Ion Ratio Lower Upper
96 100
61 150.3 96.6 179.4
98 63.2 44.7 82.9



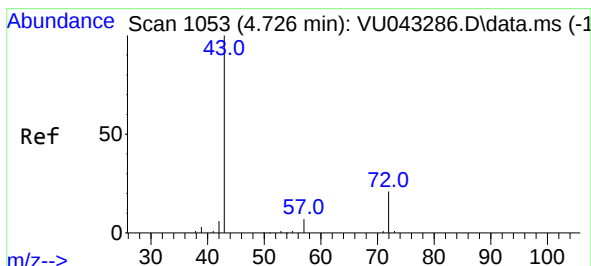
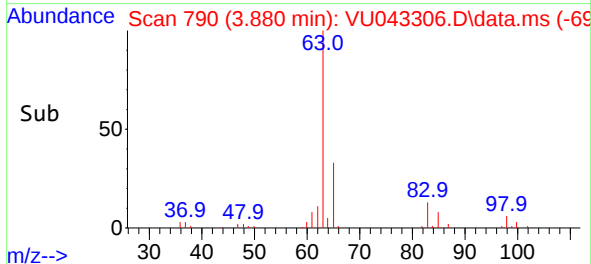
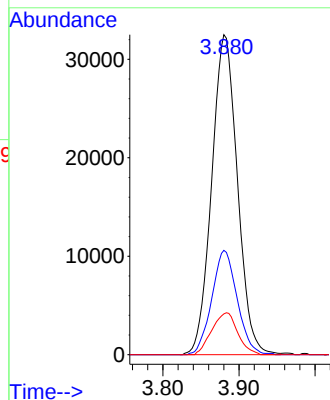
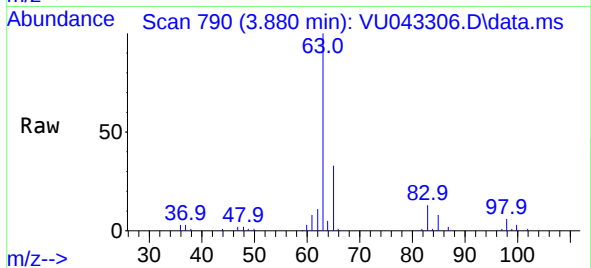


#19

1,1-Dichloroethane
Concen: 5.37 ug/L
RT: 3.880 min Scan# 790
Delta R.T. -0.003 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

Instrument :
MSVOA_U
ClientSampled :

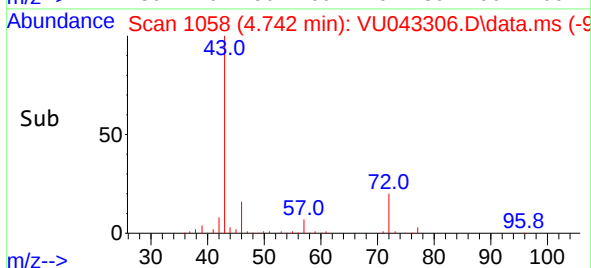
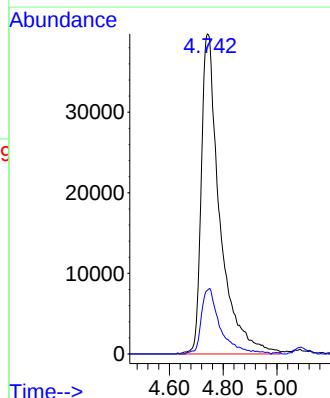
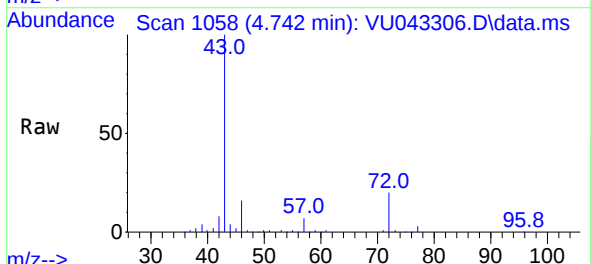
Tgt Ion:	63	Resp:	76359
Ion	Ratio	Lower	Upper
63	100		
65	32.6	23.2	43.0
83	12.8	9.9	18.3

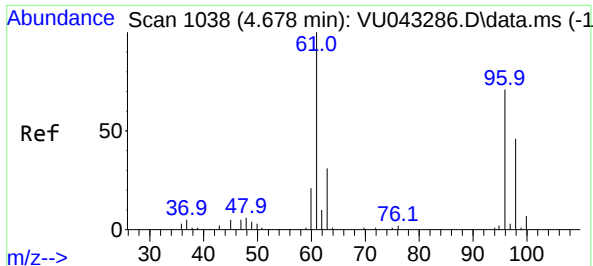


#21

2-Butanone
Concen: 63.76 ug/L
RT: 4.742 min Scan# 1058
Delta R.T. 0.016 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

Tgt Ion:	43	Resp:	189885
Ion	Ratio	Lower	Upper
43	100		
72	19.5	15.8	47.3

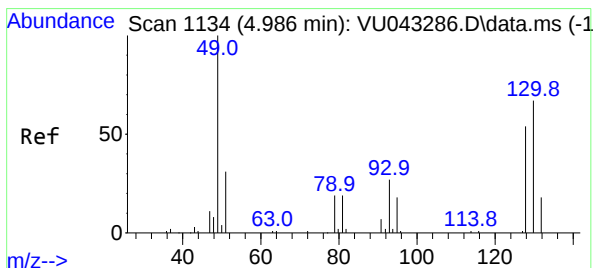
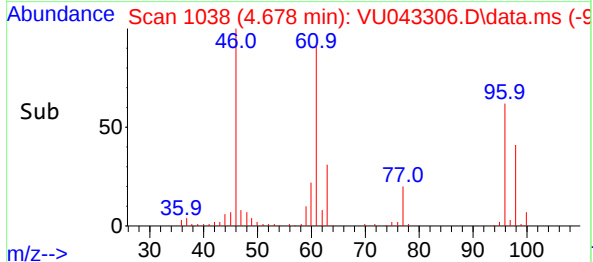
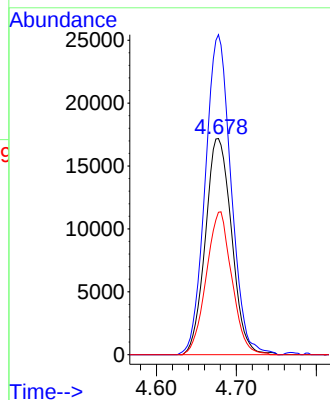
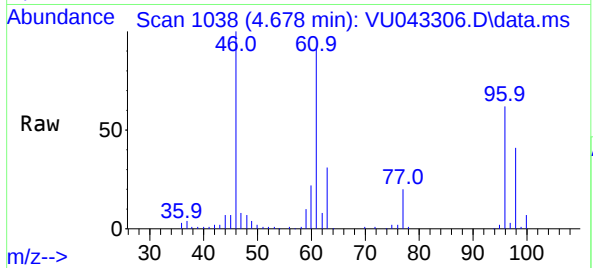




#22
cis-1,2-Dichloroethene
Concen: 5.08 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

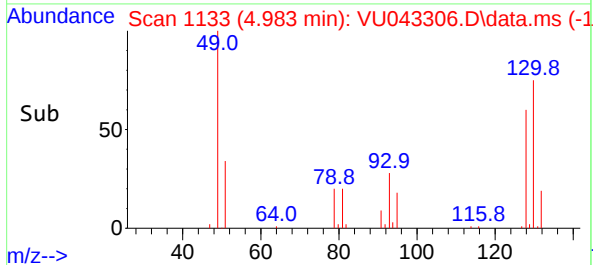
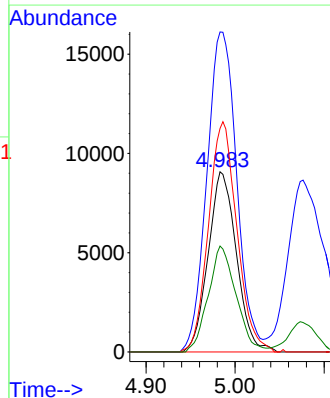
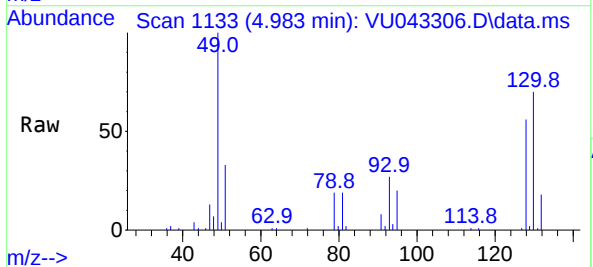
Instrument :
MSVOA_U
ClientSampled :

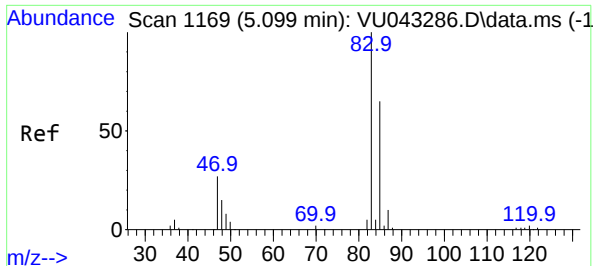
Tgt Ion:	96	Resp:	39222
Ion	Ratio	Lower	Upper
96	100		
61	148.0	87.4	162.4
98	65.9	47.7	88.5



#23
Bromochloromethane
Concen: 5.68 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. -0.003 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

Tgt Ion:	128	Resp:	20017
Ion	Ratio	Lower	Upper
128	100		
49	177.6	96.4	179.0
130	124.1	91.2	169.4
51	58.8	35.0	52.6



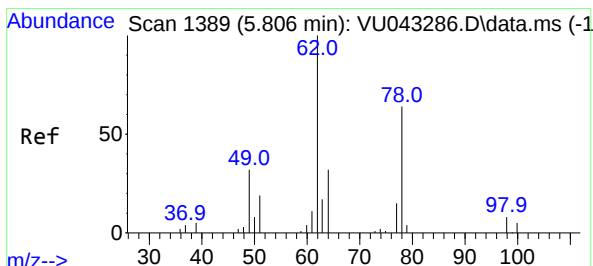
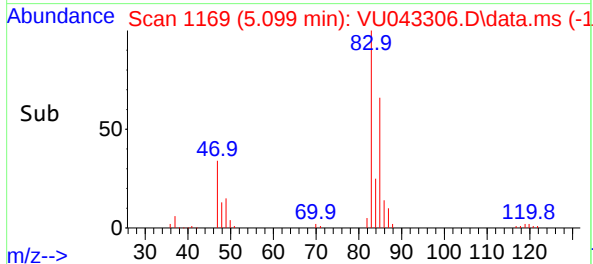
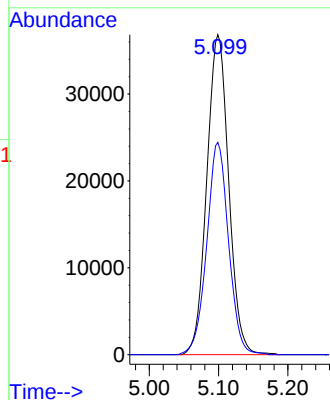
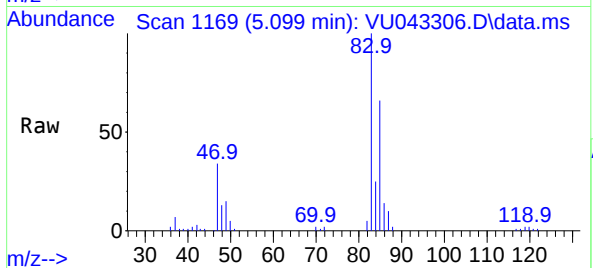


#25

Chloroform
Concen: 5.34 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

Instrument :
MSVOA_U
ClientSampled :

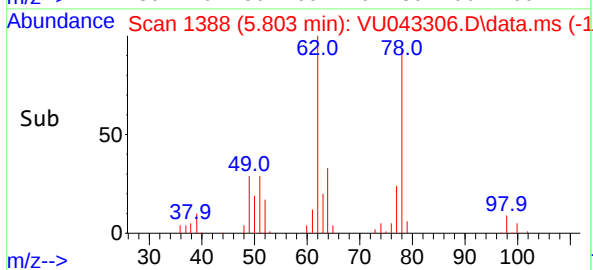
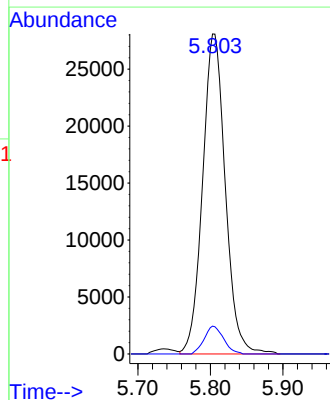
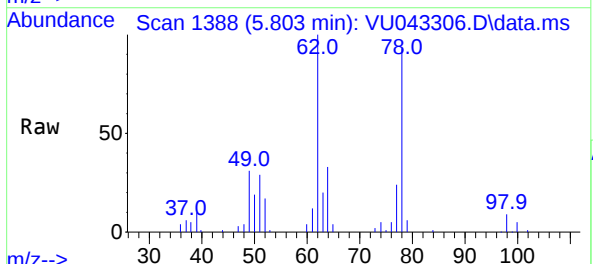
Tgt Ion: 83 Resp: 80880
Ion Ratio Lower Upper
83 100
85 66.4 45.6 84.8

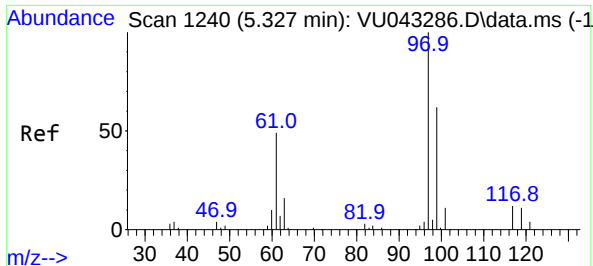


#27

1,2-Dichloroethane
Concen: 5.50 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.003 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

Tgt Ion: 62 Resp: 61090
Ion Ratio Lower Upper
62 100
98 8.7 7.5 11.3

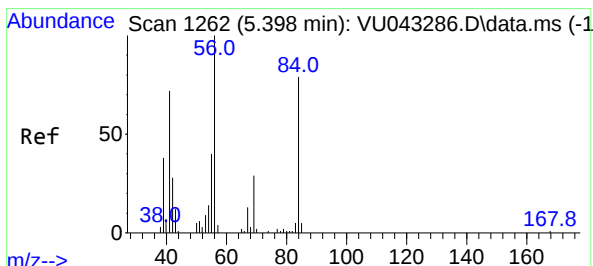
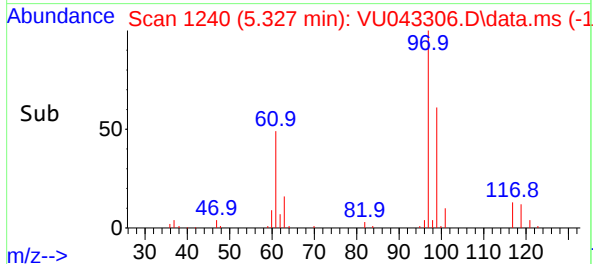
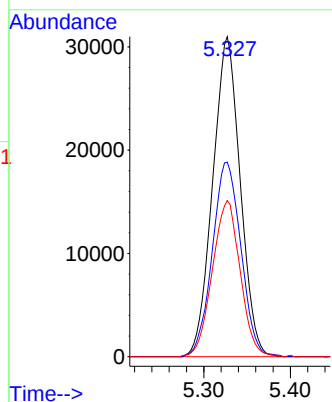
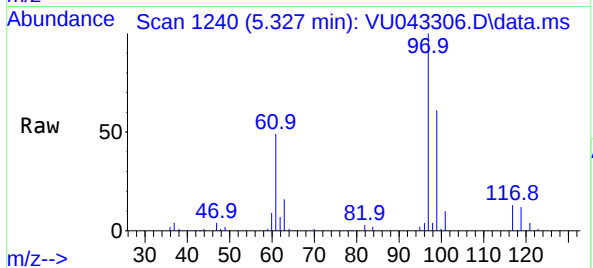




#29
1,1,1-Trichloroethane
Concen: 5.10 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

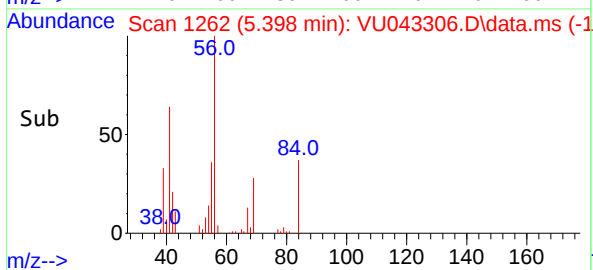
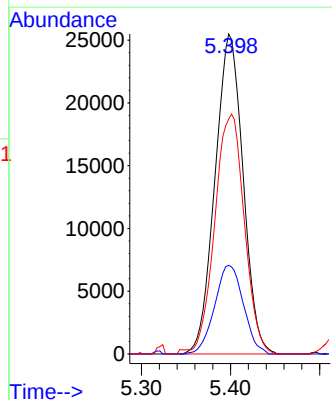
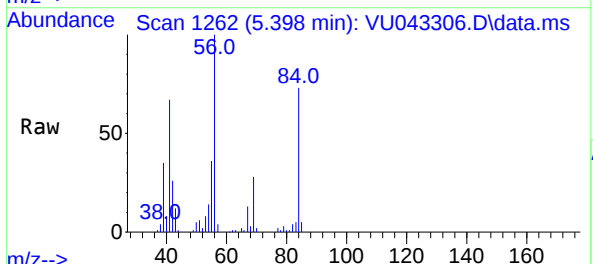
Instrument :
MSVOA_U
ClientSampled :

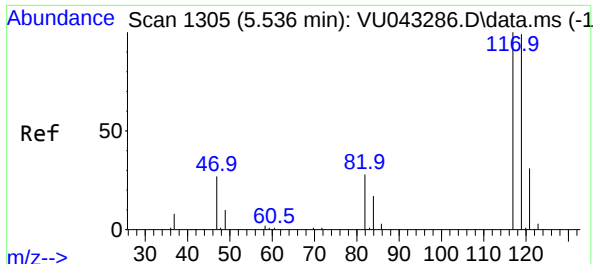
Tgt Ion: 97 Resp: 68315
Ion Ratio Lower Upper
97 100
99 63.3 50.3 75.5
61 49.4 32.7 49.1#



#30
Cyclohexane
Concen: 4.86 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

Tgt Ion: 56 Resp: 55795
Ion Ratio Lower Upper
56 100
69 28.4 25.2 37.8
84 79.1 76.2 114.4

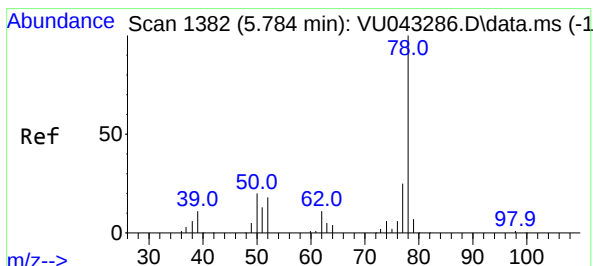
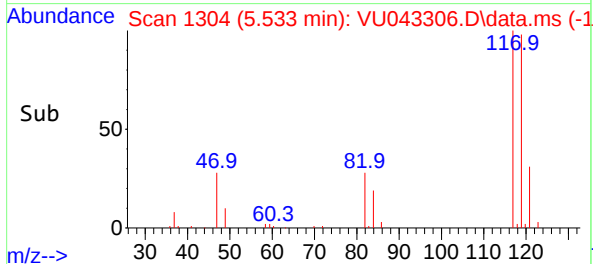
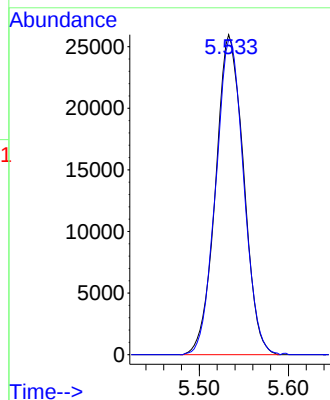
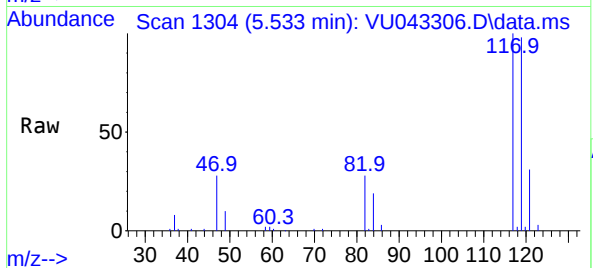




#31
Carbon tetrachloride
Concen: 5.07 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.003 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

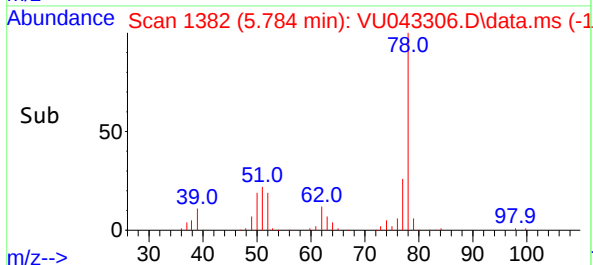
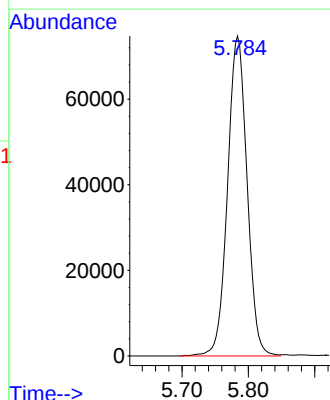
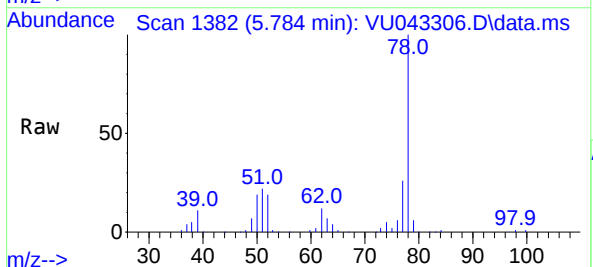
Instrument :
MSVOA_U
ClientSampled :

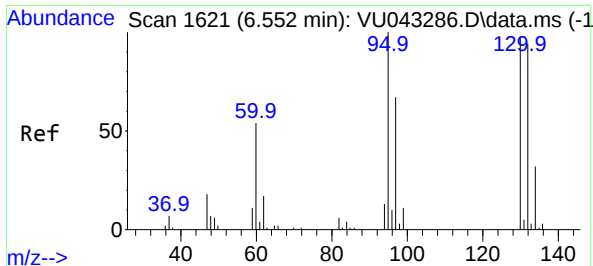
Tgt Ion:117 Resp: 56597
Ion Ratio Lower Upper
117 100
119 98.4 76.2 114.4



#33
Benzene
Concen: 5.26 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

Tgt Ion: 78 Resp: 152484



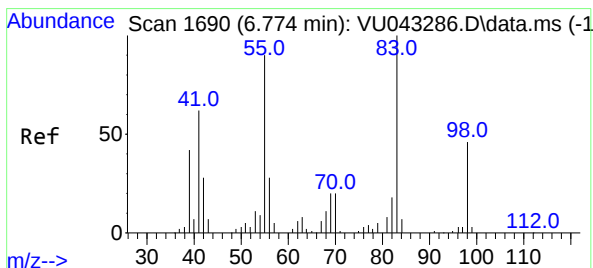
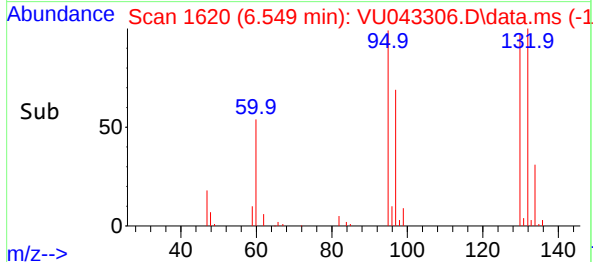
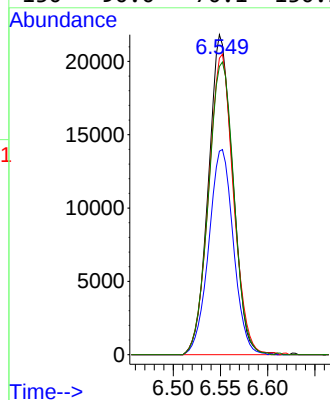
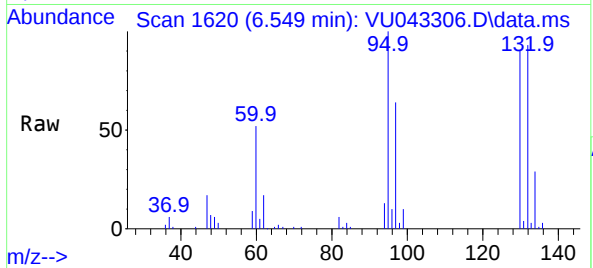


#34
Trichloroethene
Concen: 4.89 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 39026

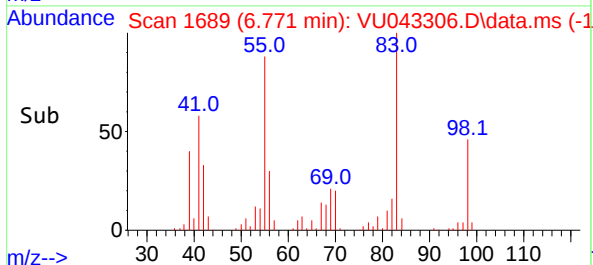
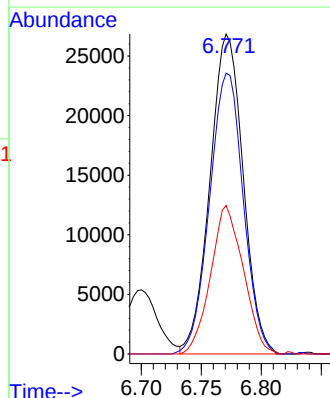
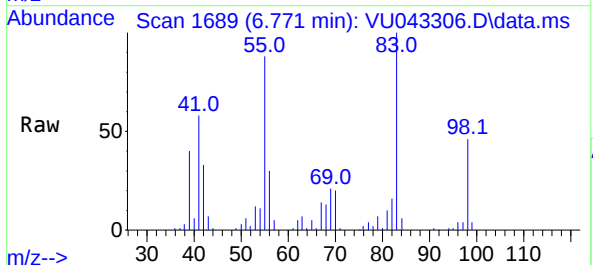
Ion	Ratio	Lower	Upper
95	100		
97	63.6	45.8	85.2
132	92.7	68.7	127.7
130	90.0	70.1	130.3

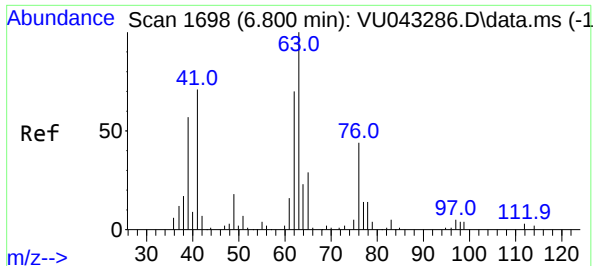


#35
Methylcyclohexane
Concen: 4.67 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.003 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

Tgt Ion: 83 Resp: 51643

Ion	Ratio	Lower	Upper
83	100		
55	89.1	59.5	89.3
98	45.8	37.9	56.9

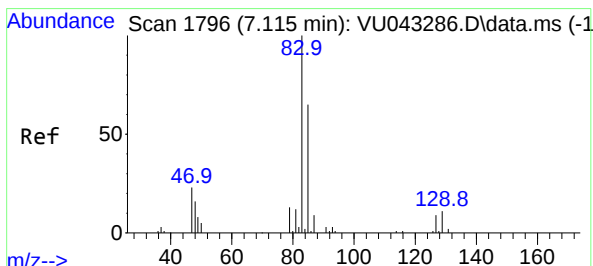
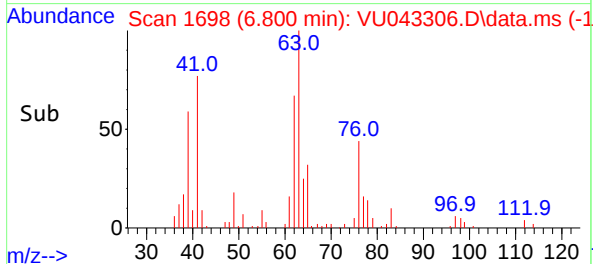
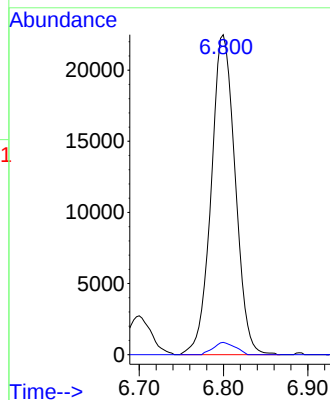
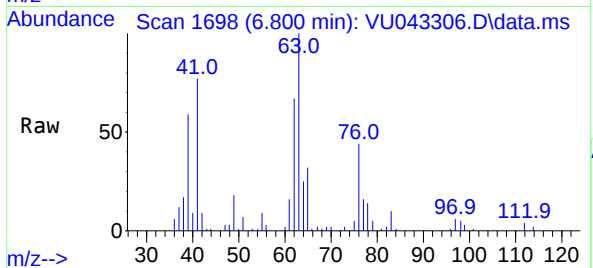




#37
1,2-Dichloropropane
Concen: 5.45 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

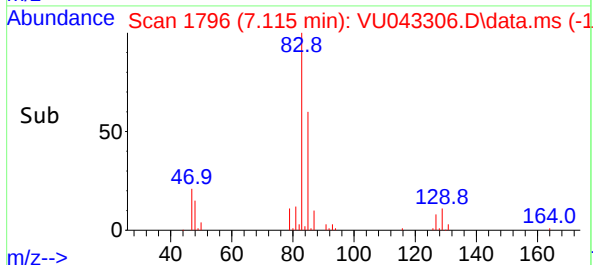
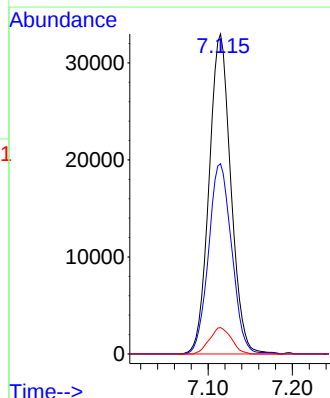
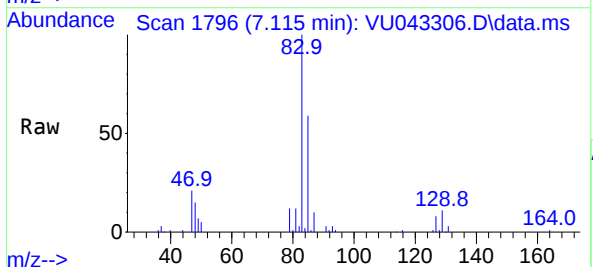
Instrument :
MSVOA_U
ClientSampled :

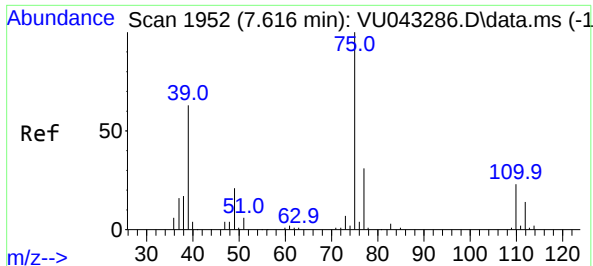
Tgt Ion: 63 Resp: 44509
Ion Ratio Lower Upper
63 100
112 3.5 3.5 5.3#



#38
Bromodichloromethane
Concen: 5.40 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

Tgt Ion: 83 Resp: 59188
Ion Ratio Lower Upper
83 100
85 59.5 44.6 82.8
127 8.3 7.4 11.2

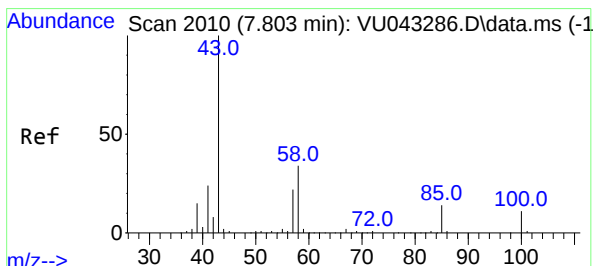
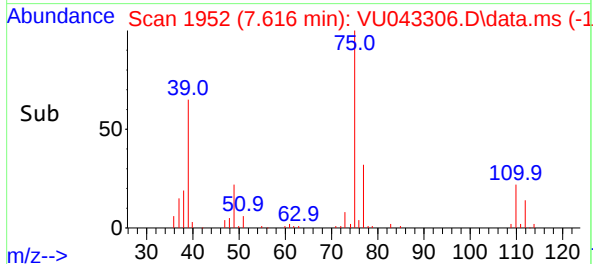
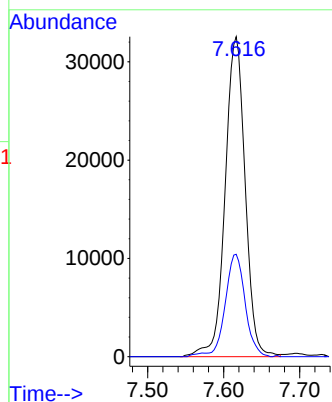
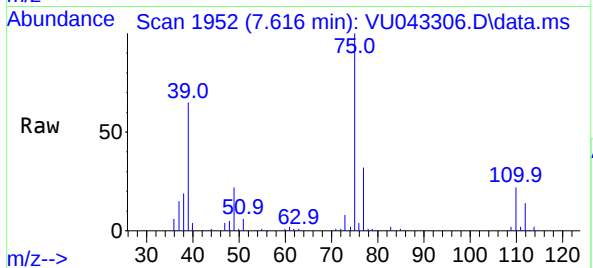




#39
cis-1,3-Dichloropropene
Concen: 4.99 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

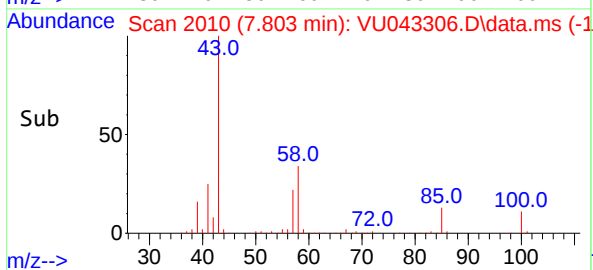
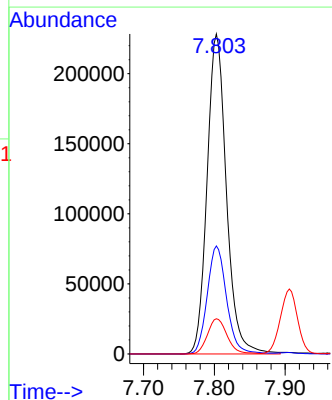
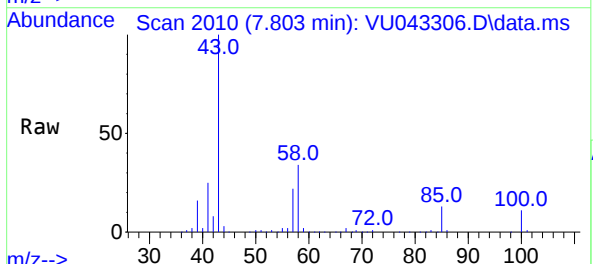
Instrument :
MSVOA_U
ClientSampled :

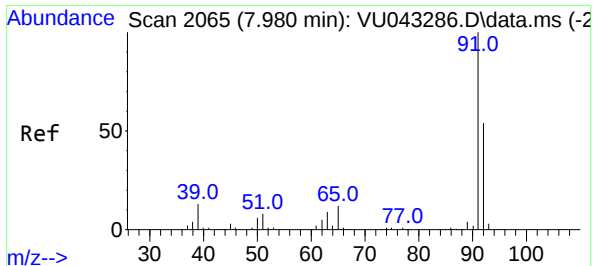
Tgt Ion: 75 Resp: 59519
Ion Ratio Lower Upper
75 100
77 32.0 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 59.27 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. -0.000 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

Tgt Ion: 43 Resp: 432960
Ion Ratio Lower Upper
43 100
58 33.8 35.8 53.6#
100 11.2 15.1 22.7#

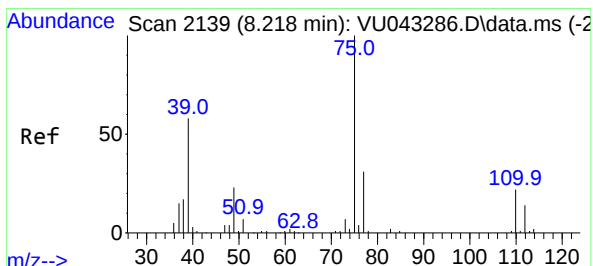
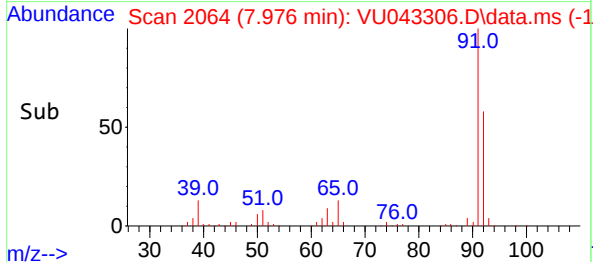
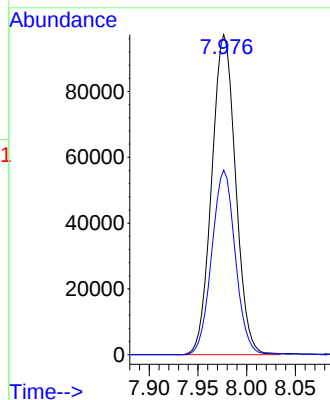
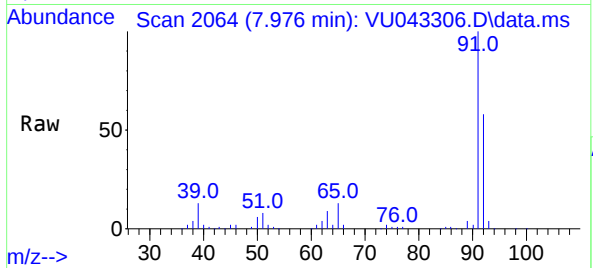




#42
Toluene
Concen: 5.12 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.003 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

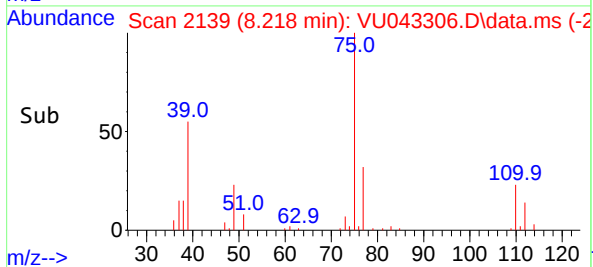
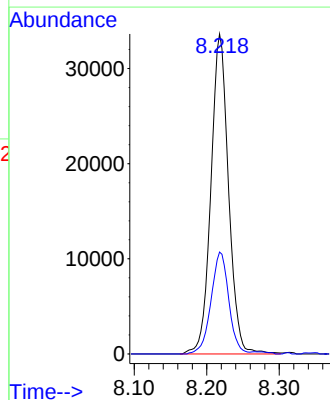
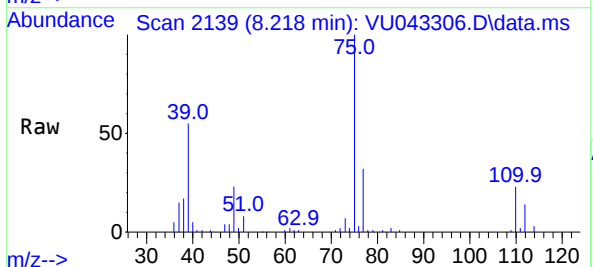
Instrument :
MSVOA_U
ClientSampled :

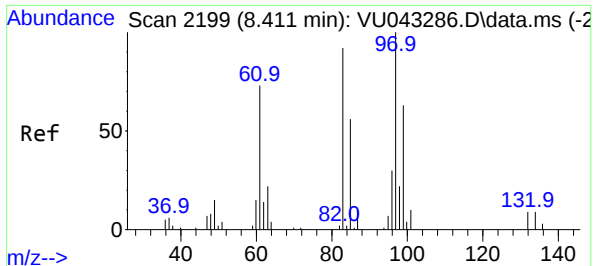
Tgt Ion: 91 Resp: 165943
Ion Ratio Lower Upper
91 100
92 57.7 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 5.05 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

Tgt Ion: 75 Resp: 56759
Ion Ratio Lower Upper
75 100
77 31.9 23.4 43.4



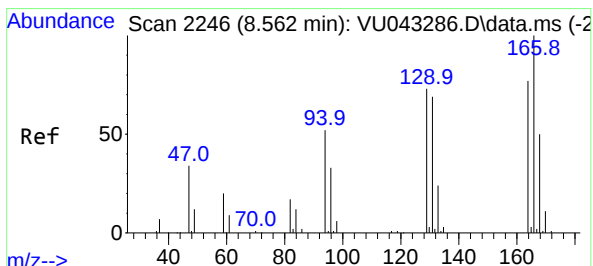
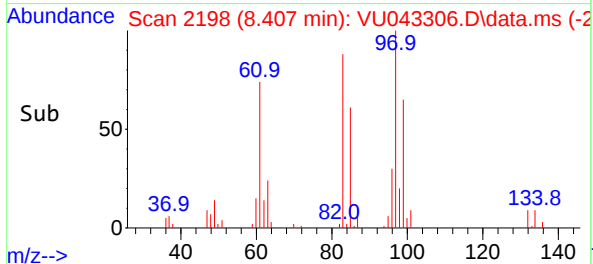
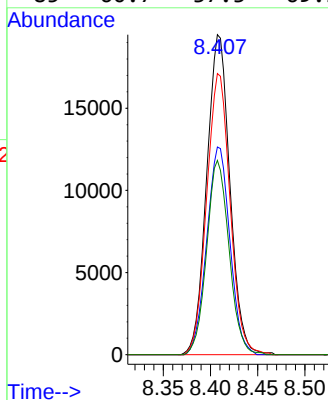
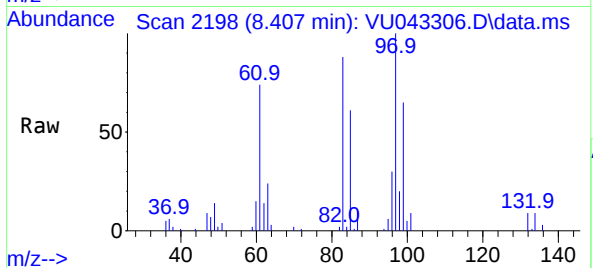


#45
1,1,2-Trichloroethane
Concen: 5.45 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.003 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 33234

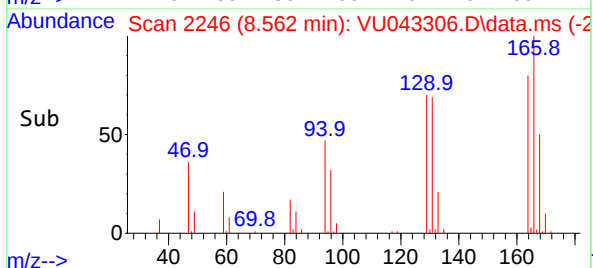
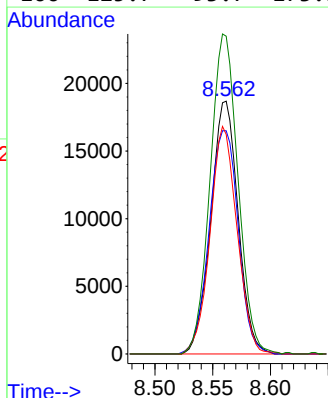
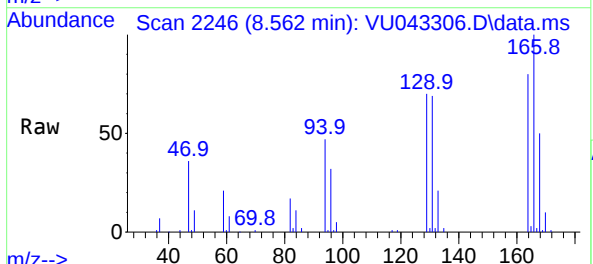
Ion	Ratio	Lower	Upper
97	100		
99	64.9	44.2	82.0
83	87.8	60.1	111.7
85	60.7	37.3	69.3

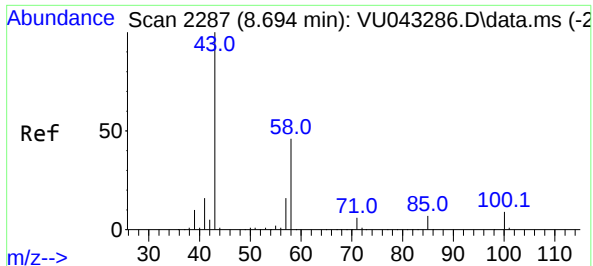


#47
Tetrachloroethene
Concen: 4.86 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

Tgt Ion: 164 Resp: 30762

Ion	Ratio	Lower	Upper
164	100		
129	88.3	66.6	123.8
131	86.8	65.9	122.3
166	125.7	93.7	173.9

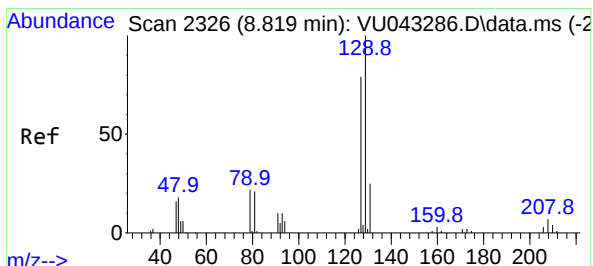
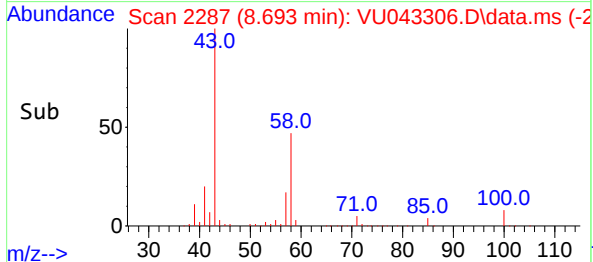
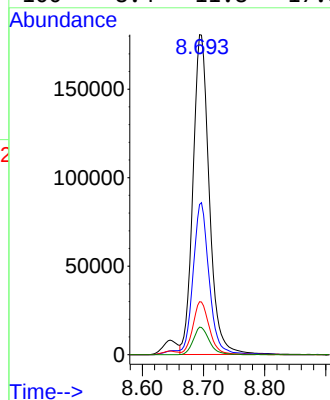
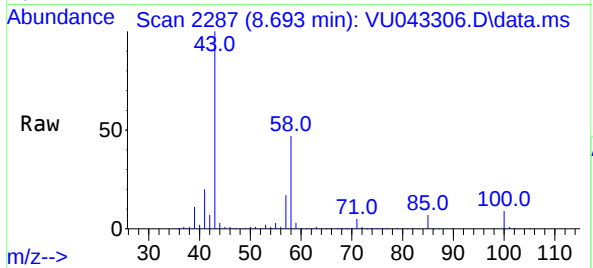




#48
2-Hexanone
Concen: 62.32 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

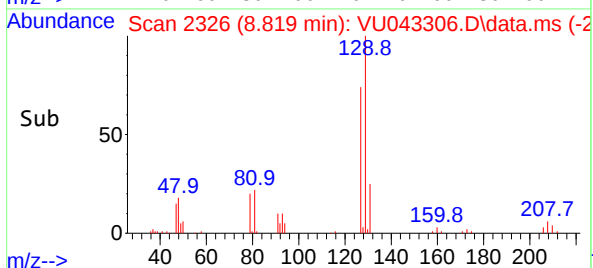
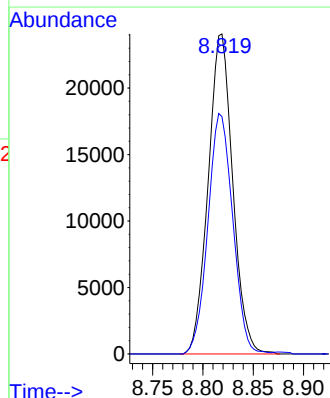
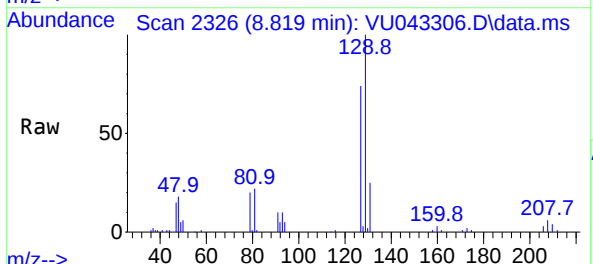
Instrument :
MSVOA_U
ClientSampled :

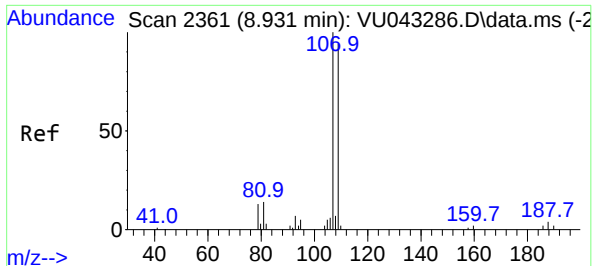
Tgt Ion: 43 Resp: 334952
Ion Ratio Lower Upper
43 100
58 47.8 50.0 75.0#
57 16.4 17.4 26.0#
100 8.4 11.8 17.8#



#49
Dibromochloromethane
Concen: 5.32 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

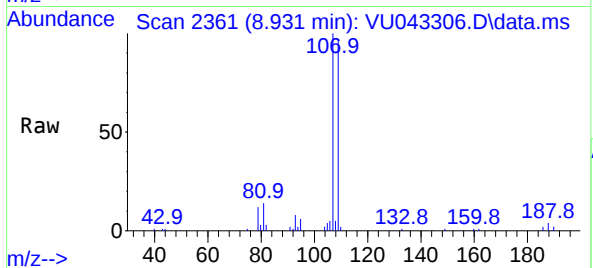
Tgt Ion: 129 Resp: 40956
Ion Ratio Lower Upper
129 100
127 74.1 56.6 105.2



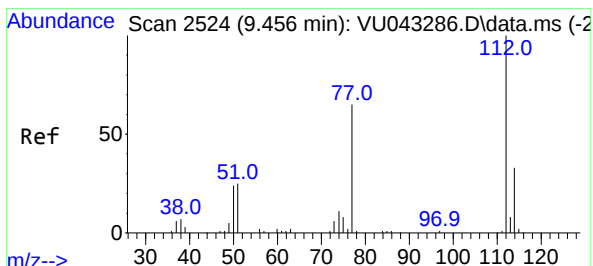
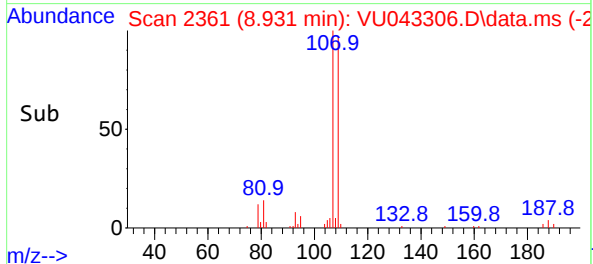
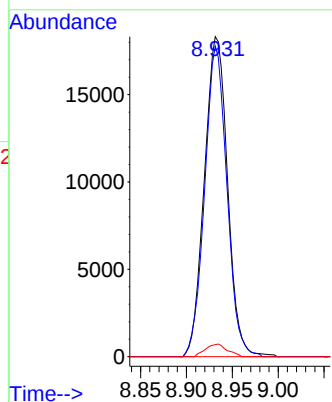


#50
1,2-Dibromoethane
Concen: 5.31 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

Instrument :
MSVOA_U
ClientSampled :

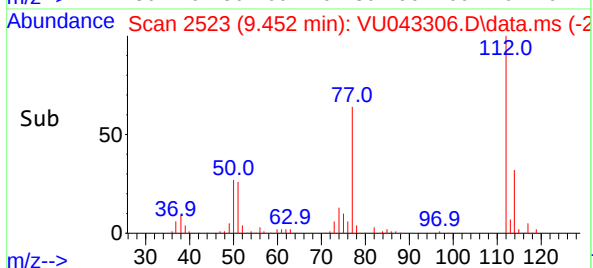
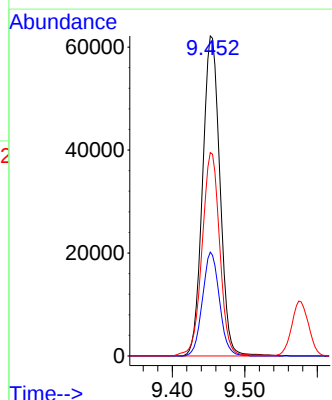
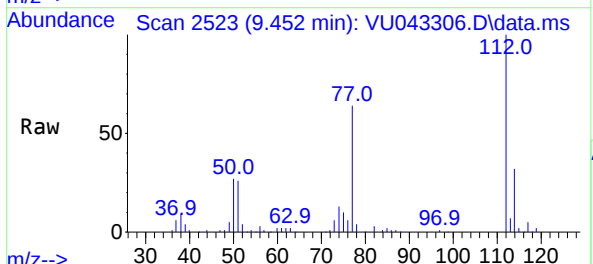


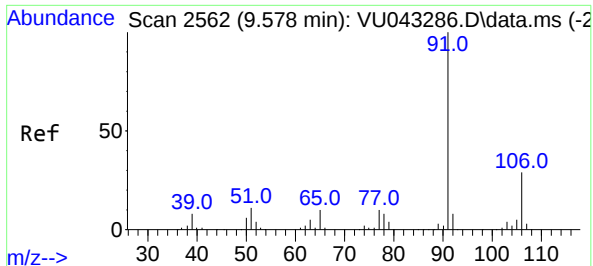
Tgt Ion:107 Resp: 32205
Ion Ratio Lower Upper
107 100
109 97.1 65.4 121.4
188 3.8 2.5 3.7#



#51
Chlorobenzene
Concen: 4.99 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.003 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

Tgt Ion:112 Resp: 103171
Ion Ratio Lower Upper
112 100
114 32.5 21.9 40.7
77 63.6 45.1 67.7

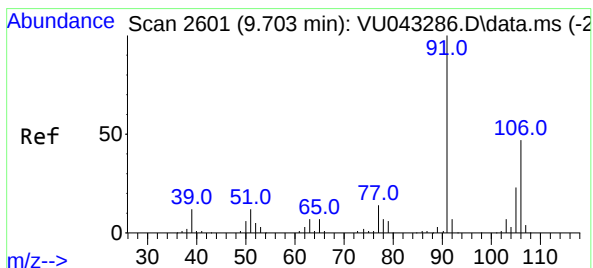
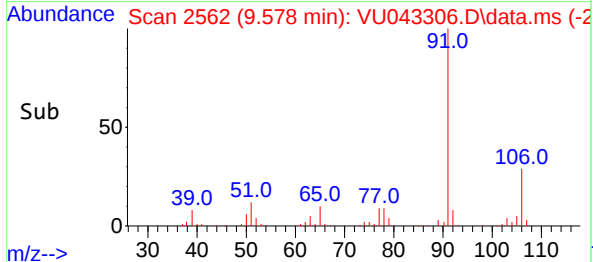
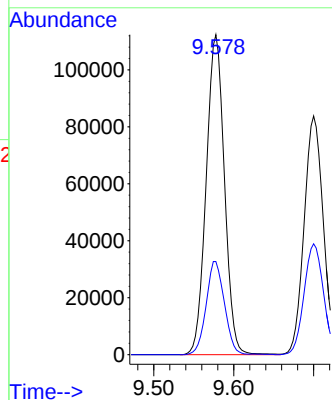
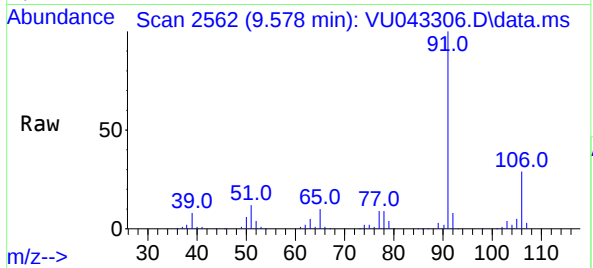




#52
Ethylbenzene
Concen: 4.82 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

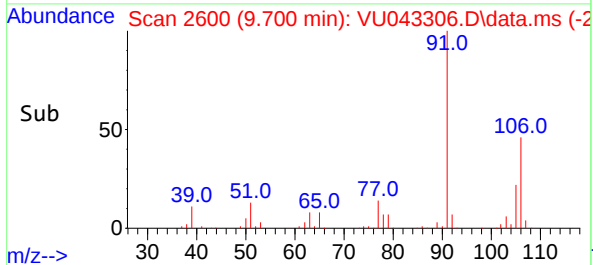
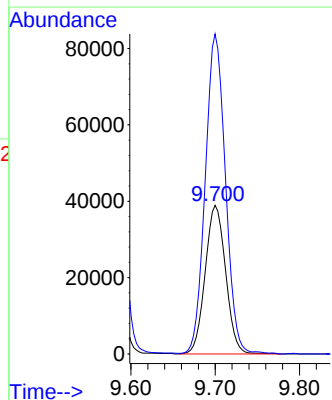
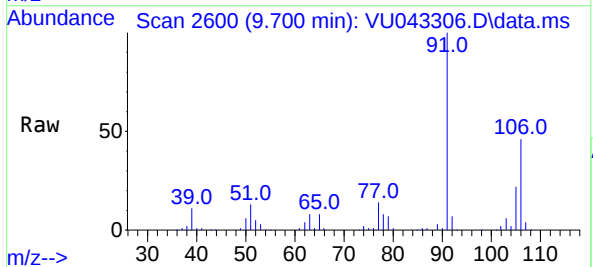
Instrument :
MSVOA_U
ClientSampled :

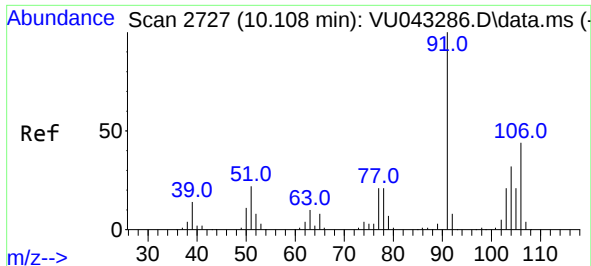
Tgt Ion: 91 Resp: 178629
Ion Ratio Lower Upper
91 100
106 29.1 22.0 40.8



#53
m,p-Xylene
Concen: 4.85 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.003 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

Tgt Ion: 106 Resp: 65867
Ion Ratio Lower Upper
106 100
91 215.4 137.6 255.6

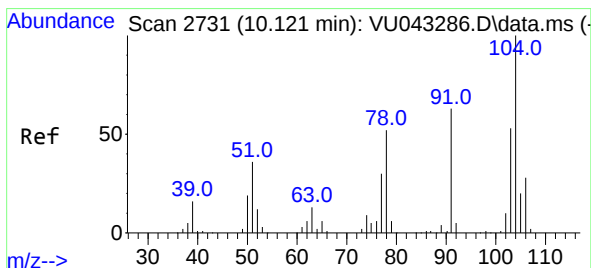
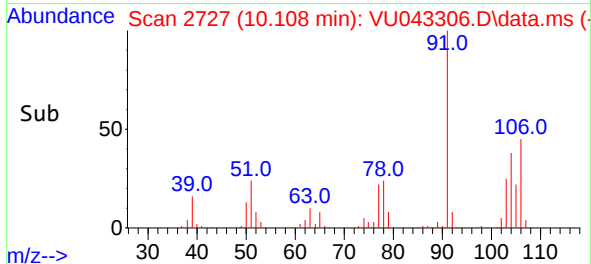
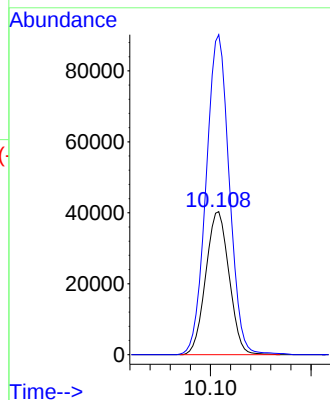
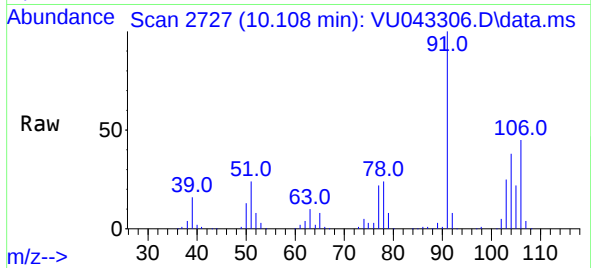




#54
o-Xylene
Concen: 4.84 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

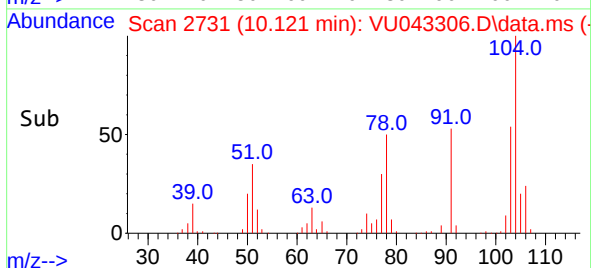
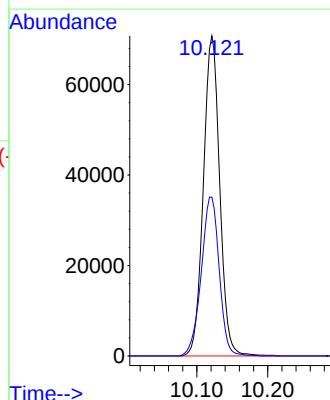
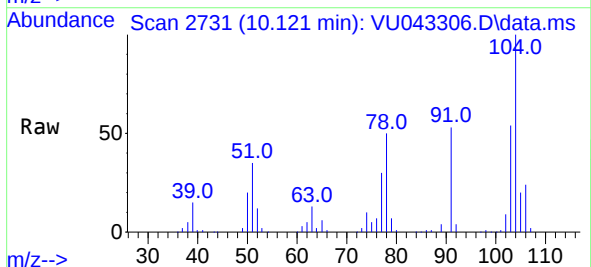
Instrument :
MSVOA_U
ClientSampled :

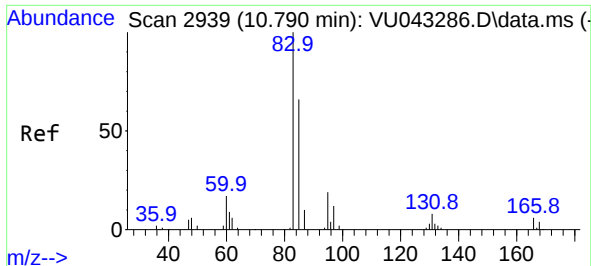
Tgt Ion:106 Resp: 65090
Ion Ratio Lower Upper
106 100
91 223.6 148.5 275.9



#55
Styrene
Concen: 4.92 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

Tgt Ion:104 Resp: 113305
Ion Ratio Lower Upper
104 100
78 49.6 32.3 60.1

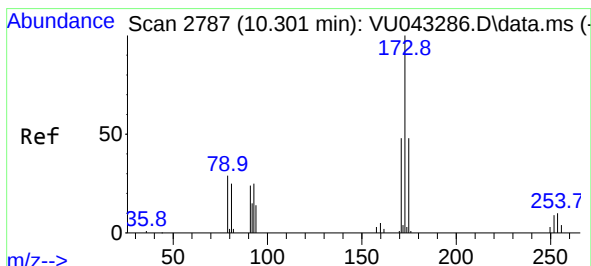
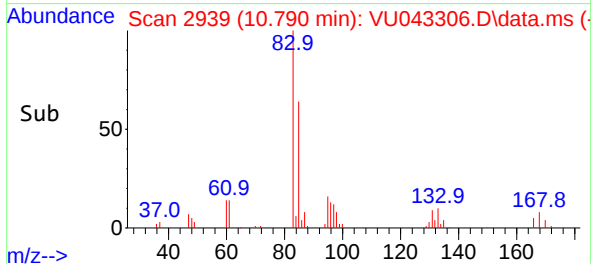
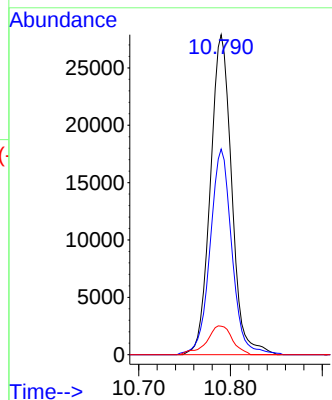
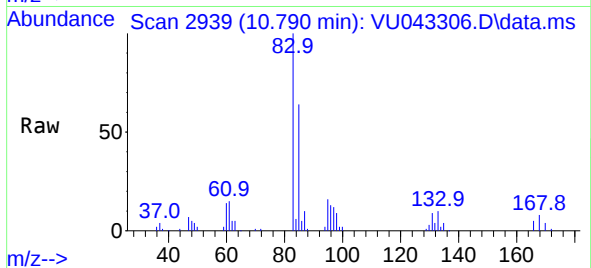




#57
1,1,2,2-Tetrachloroethane
Concen: 5.62 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

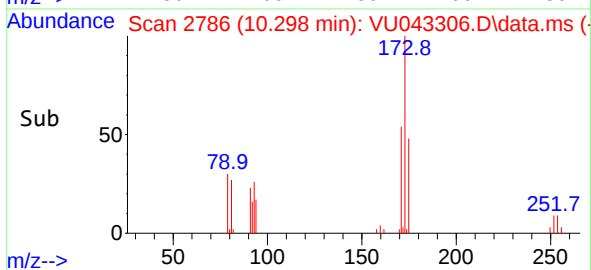
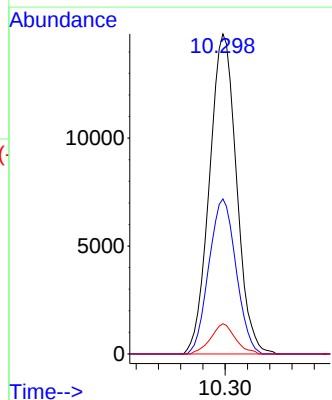
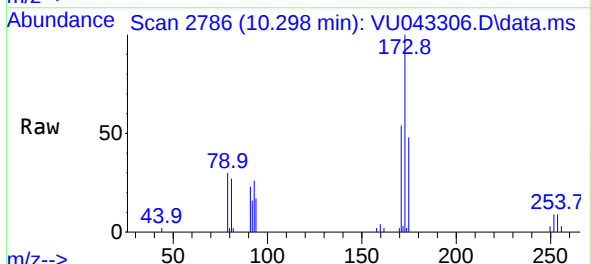
Instrument :
MSVOA_U
ClientSampled :

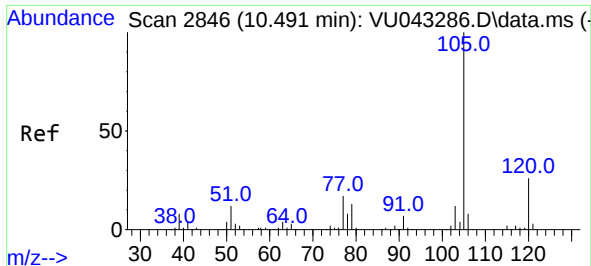
Tgt Ion:	83	Resp:	45056
Ion	Ratio	Lower	Upper
83	100		
85	64.3	44.9	83.5
131	8.9	8.2	12.4



#59
Bromoform
Concen: 5.19 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.003 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

Tgt Ion:	173	Resp:	24989
Ion	Ratio	Lower	Upper
173	100		
175	48.6	39.4	59.0
254	8.6	8.0	12.0

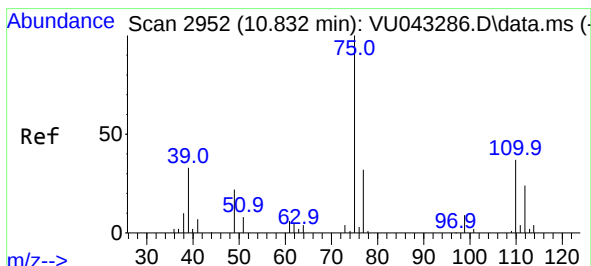
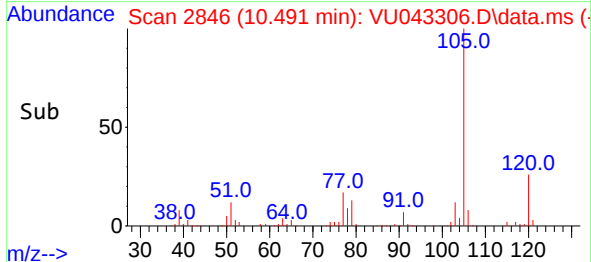
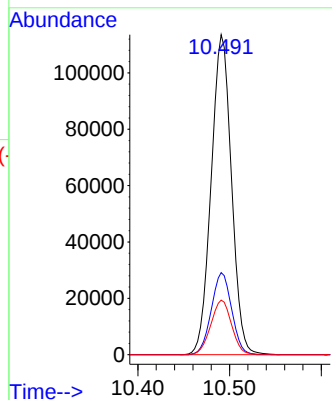
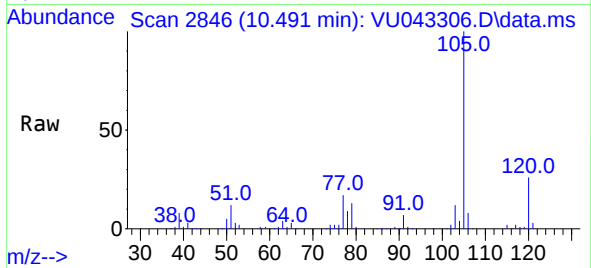




#60
Isopropylbenzene
Concen: 4.62 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

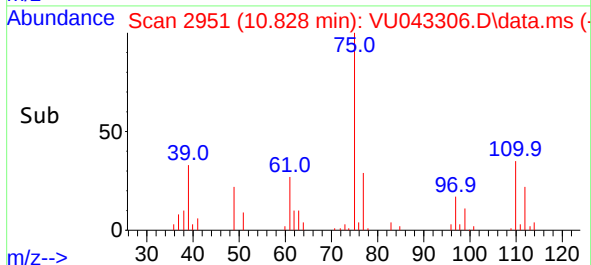
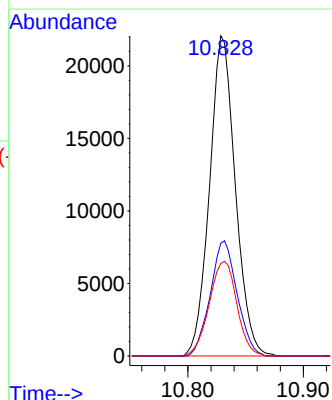
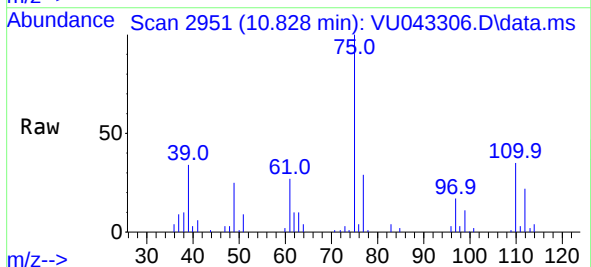
Instrument :
MSVOA_U
ClientSampled :

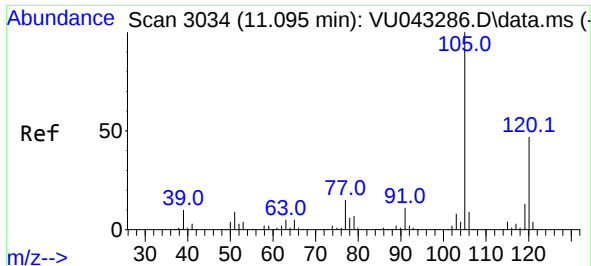
Tgt Ion:105 Resp: 174570
Ion Ratio Lower Upper
105 100
120 25.7 20.9 31.3
77 17.4 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.63 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

Tgt Ion: 75 Resp: 34275
Ion Ratio Lower Upper
75 100
110 37.4 31.5 47.3
77 31.6 26.3 39.5

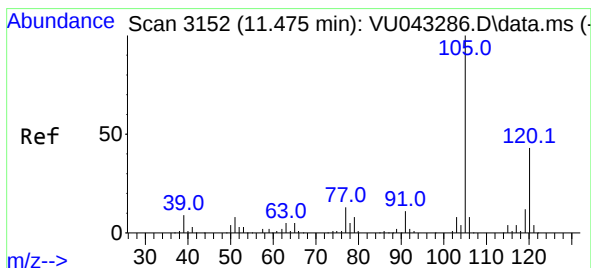
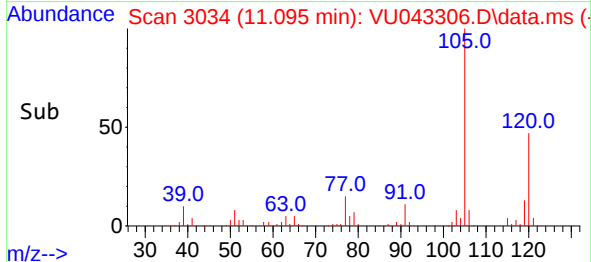
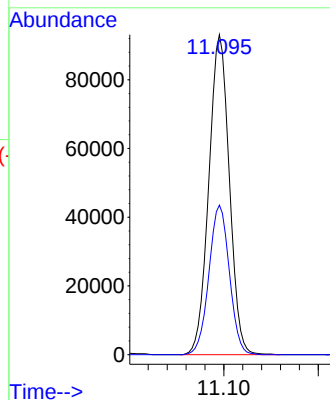
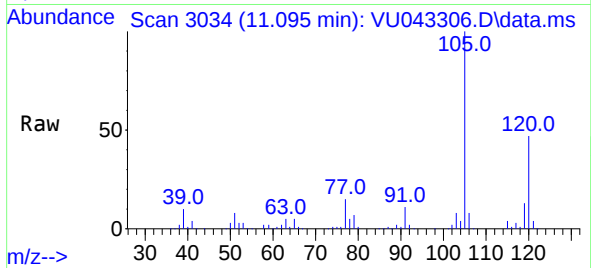




#62
1,3,5-Trimethylbenzene
Concen: 4.53 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

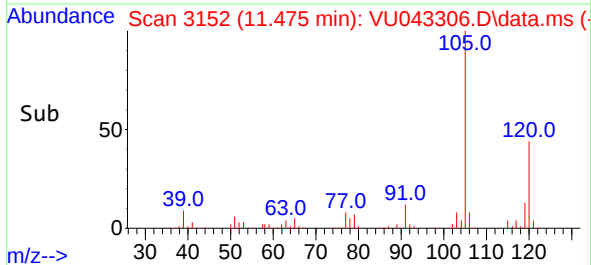
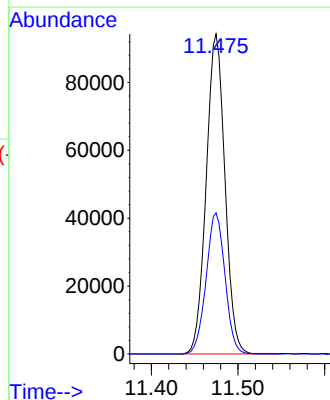
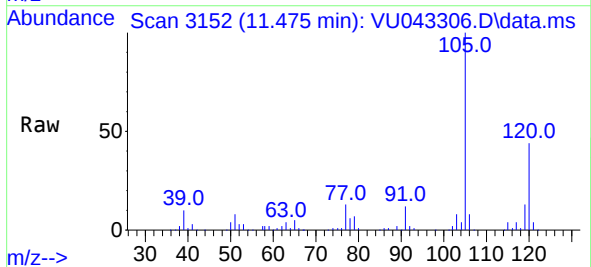
Tgt Ion:105 Resp: 140127
Ion Ratio Lower Upper
105 100
120 46.6 39.5 59.3

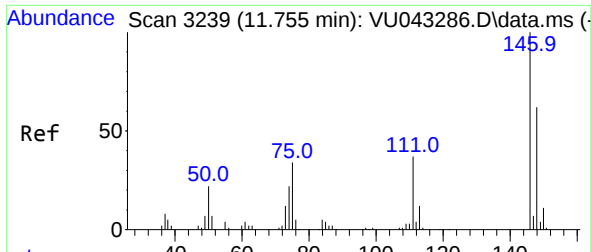
Instrument :
MSVOA_U
ClientSampled :



#63
1,2,4-Trimethylbenzene
Concen: 4.46 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

Tgt Ion:105 Resp: 141704
Ion Ratio Lower Upper
105 100
120 44.3 36.7 55.1

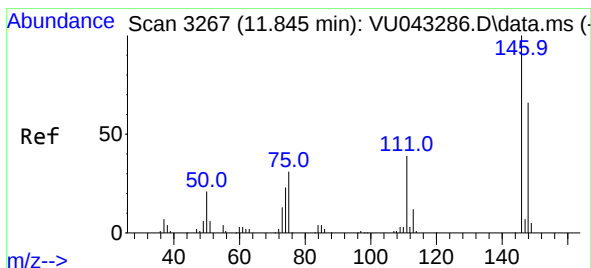
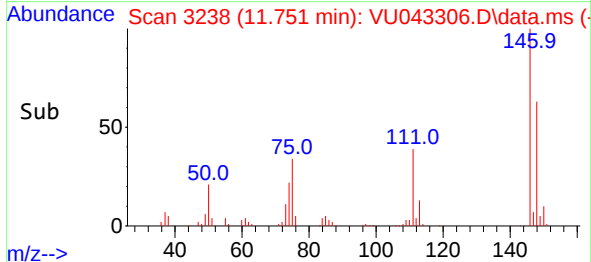
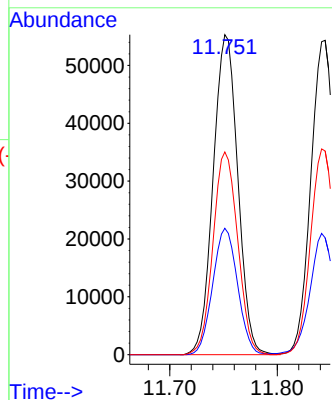
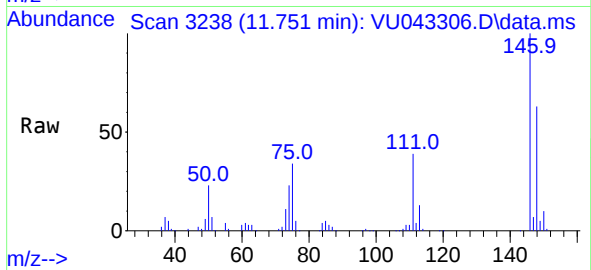




#64
1,3-Dichlorobenzene
Concen: 4.92 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.003 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

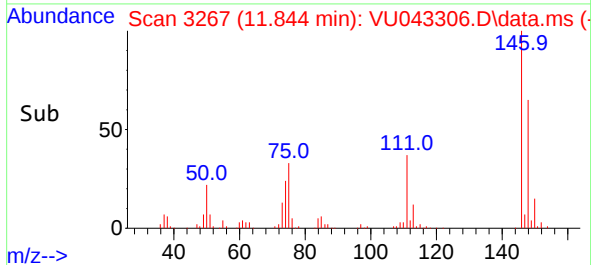
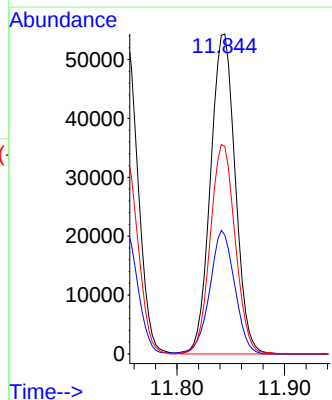
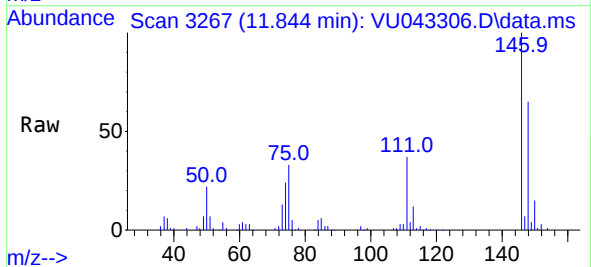
Instrument :
MSVOA_U
ClientSampleId :

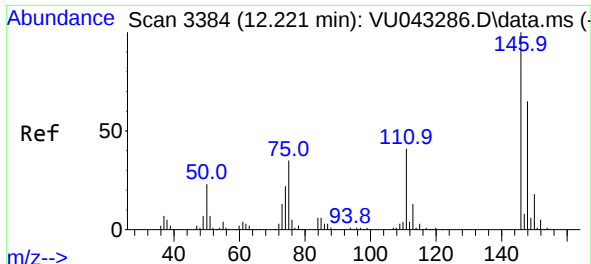
Tgt Ion:146 Resp: 88219
Ion Ratio Lower Upper
146 100
111 39.5 27.6 51.2
148 63.3 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 4.77 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. -0.000 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

Tgt Ion:146 Resp: 86803
Ion Ratio Lower Upper
146 100
111 37.2 26.7 49.5
148 64.8 43.9 81.5

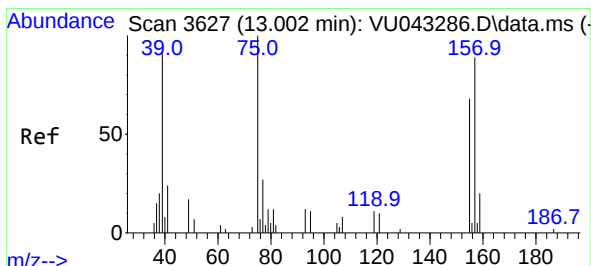
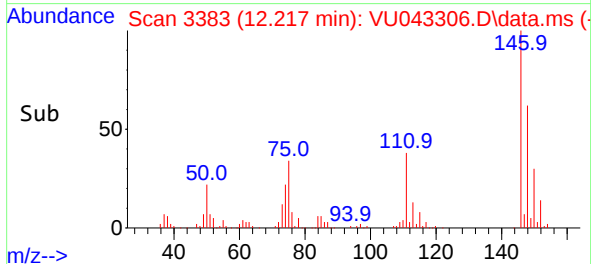
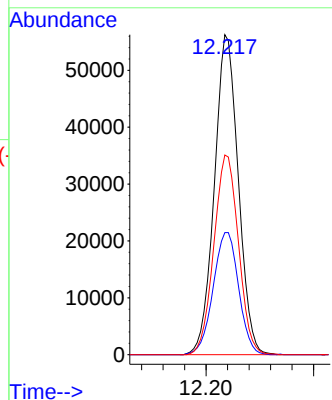
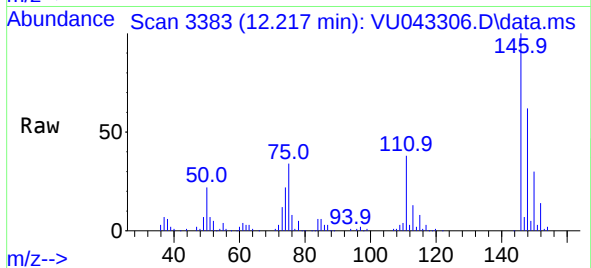




#67
1,2-Dichlorobenzene
Concen: 4.99 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.003 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

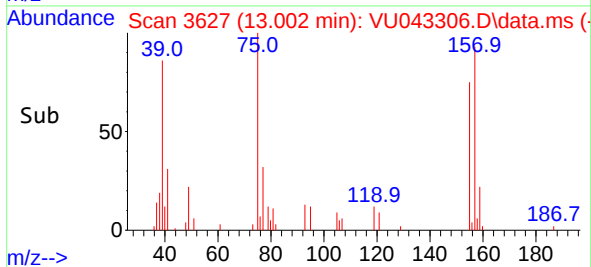
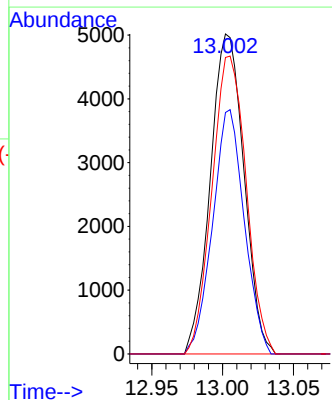
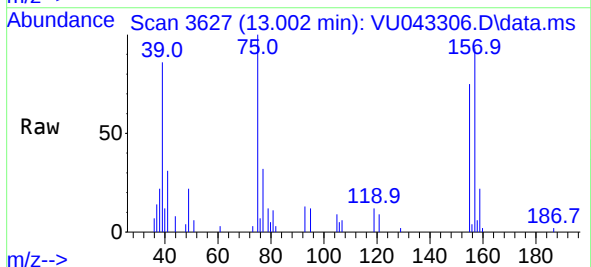
Instrument :
MSVOA_U
ClientSampled :

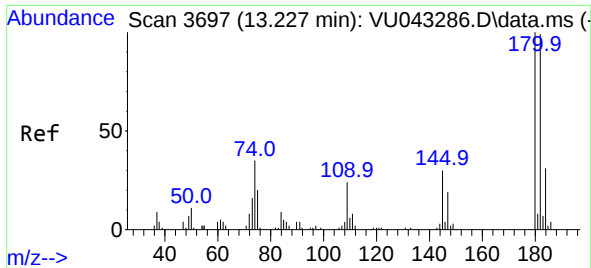
Tgt Ion:146 Resp: 86912
Ion Ratio Lower Upper
146 100
111 38.2 31.9 47.9
148 62.4 48.8 73.2



#68
1,2-Dibromo-3-chloropropane
Concen: 5.60 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. -0.000 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

Tgt Ion: 75 Resp: 8288
Ion Ratio Lower Upper
75 100
155 75.5 67.8 101.8
157 92.6 82.4 123.6



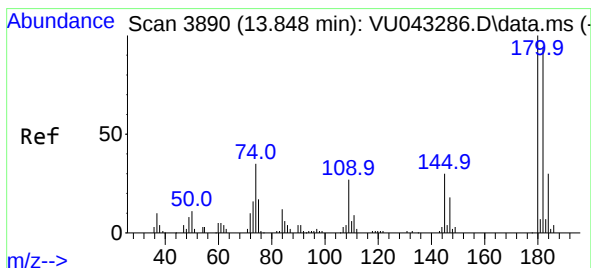
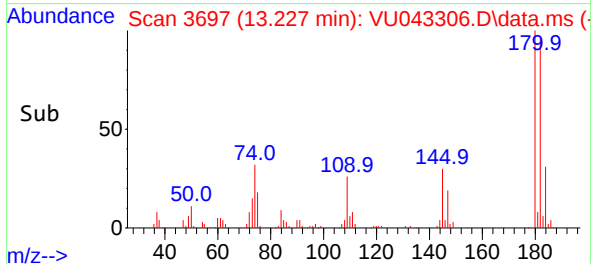
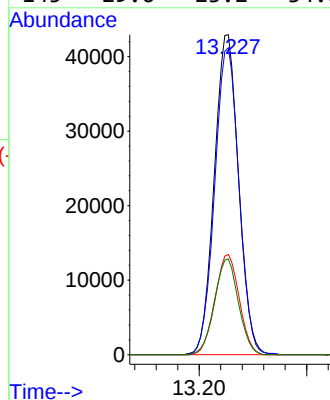
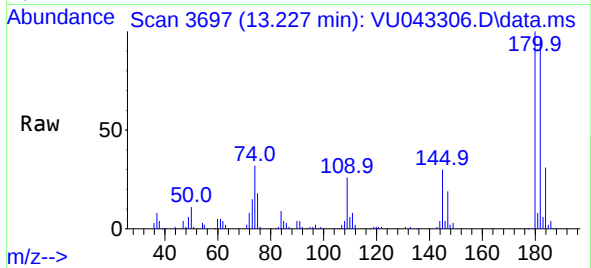


#69
1,3,5-Trichlorobenzene
Concen: 4.57 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. -0.000 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:180 Resp: 67307

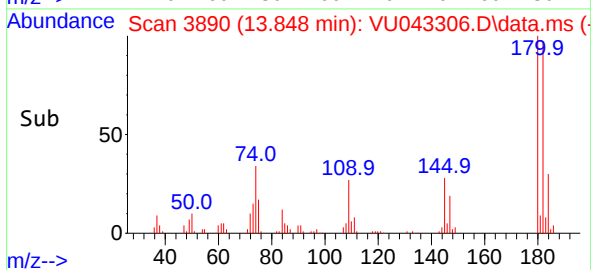
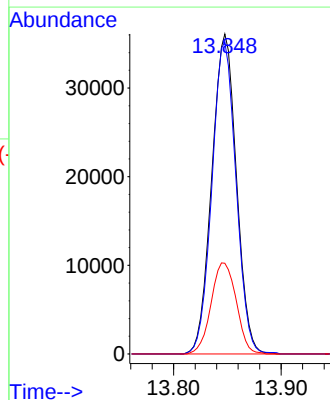
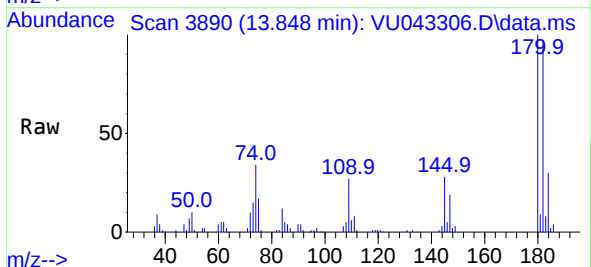
Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.1	114.1
184	31.1	24.0	36.0
145	29.6	23.2	34.8

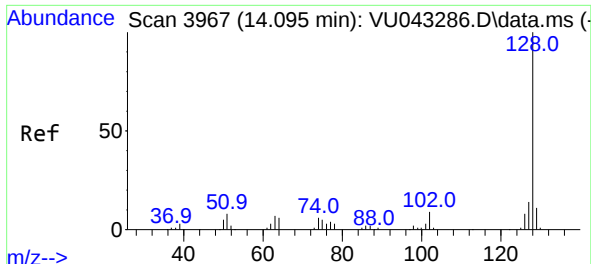


#70
1,2,4-trichlorobenzene
Concen: 4.71 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. -0.000 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

Tgt Ion:180 Resp: 57368

Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.5	114.7
145	29.2	24.1	36.1

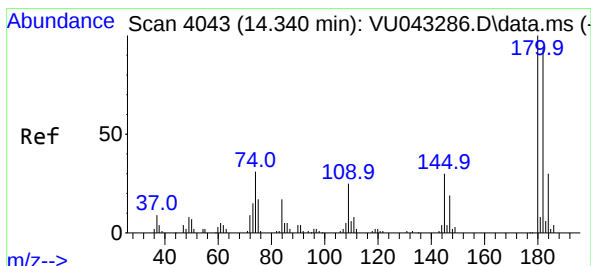
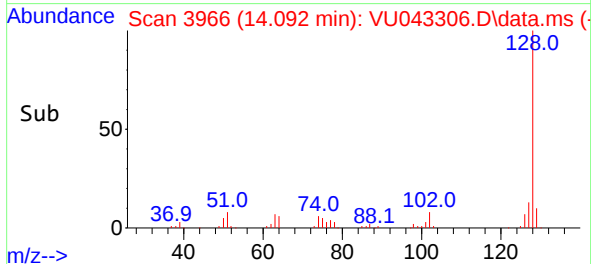
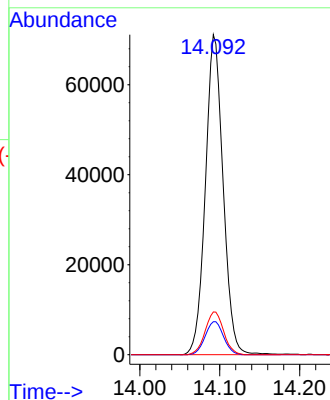
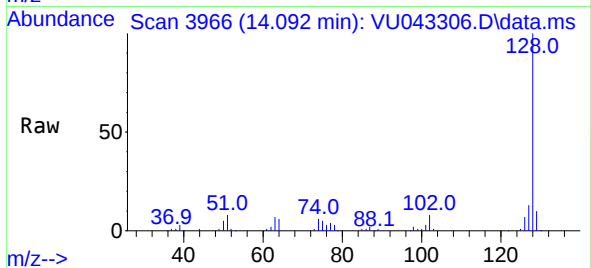




#71
Naphthalene
Concen: 5.34 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:128 Resp: 109667
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 14.0 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 5.16 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.003 min
Lab File: VU043306.D
Acq: 23 Apr 2021 21:09

Tgt Ion:180 Resp: 57682
Ion Ratio Lower Upper
180 100
182 95.2 75.8 113.8
145 32.1 25.0 37.4

