

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042321\
 Data File : VU043303.D
 Acq On : 23 Apr 2021 19:57
 Operator : SY/MD
 Sample : M2127-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 24 06:35:13 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

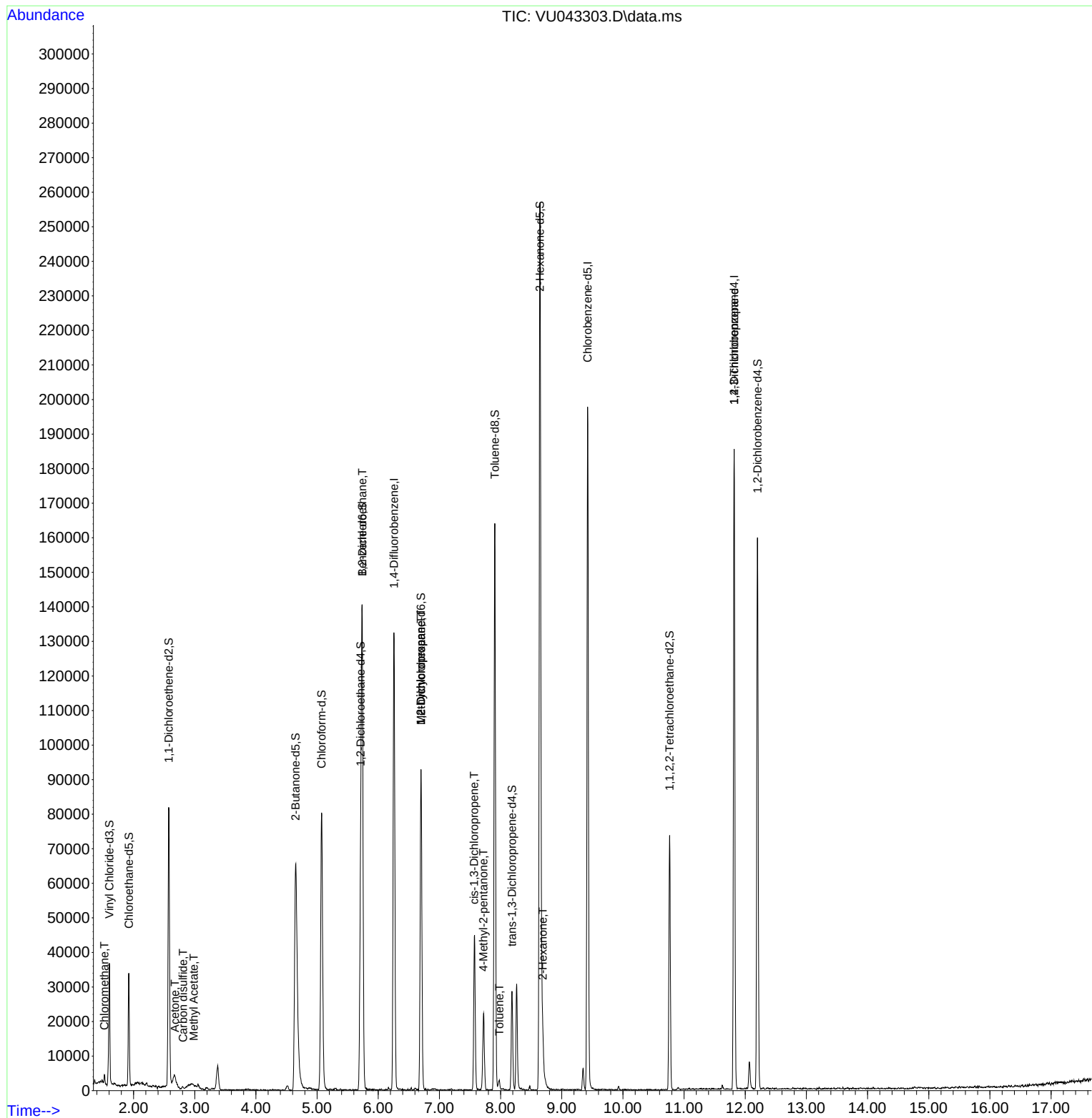
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	100857	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	100583	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	45699	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	23271	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.922	69	21857	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.575	65	15878	5.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.00%
20) 2-Butanone-d5	4.649	46	133113	59.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.36%
24) Chloroform-d	5.073	84	65244	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.713	65	42586	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.739	84	115113	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.700	67	39025	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.906	98	99651	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
43) trans-1,3-Dichloroprop...	8.185	79	14666	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.642	63	79067	46.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.44%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	34333	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
66) 1,2-Dichlorobenzene-d4	12.201	152	39119	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%
Target Compounds						
3) Chloromethane	1.523	50	2114	0.33	ug/L	# 81
13) Acetone	2.678	43	7587	4.59	ug/L	91
14) Carbon disulfide	2.806	76	896	0.06	ug/L	# 74
15) Methyl Acetate	2.983	43	292	0.09	ug/L	# 48
27) 1,2-Dichloroethane	5.739	62	799	0.08	ug/L	# 74
35) Methylcyclohexane	6.700	83	9478	0.92	ug/L	# 20
37) 1,2-Dichloropropane	6.700	63	4642	0.61	ug/L	# 87
39) cis-1,3-Dichloropropene	7.568	75	1161	0.10	ug/L	# 58
40) 4-Methyl-2-pentanone	7.719	43	10962	1.62	ug/L	# 40
42) Toluene	7.980	91	1896	0.06	ug/L	93
48) 2-Hexanone	8.690	43	6613	1.33	ug/L	# 60
61) 1,2,3-Trichloropropane	11.819	75	5689	1.20	ug/L	# 63

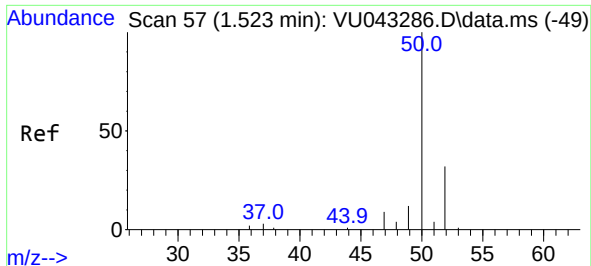
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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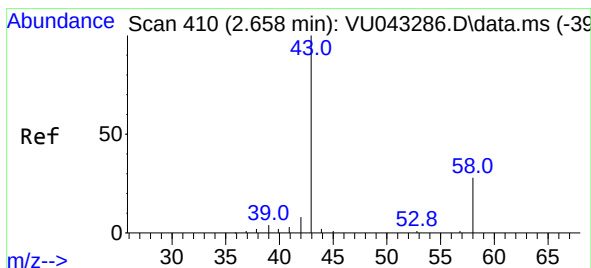
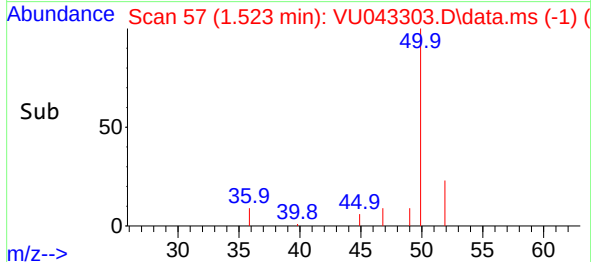
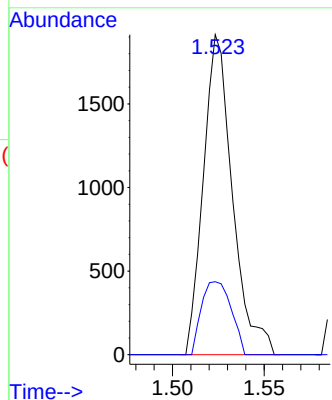
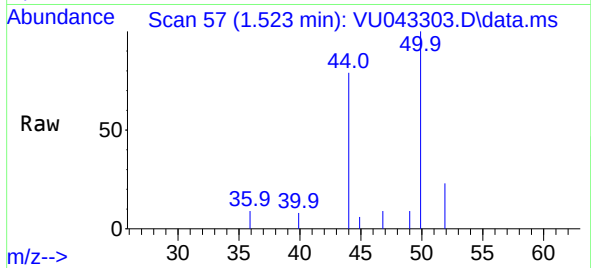




#3
Chloromethane
Concen: 0.33 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU043303.D
Acq: 23 Apr 2021 19:57

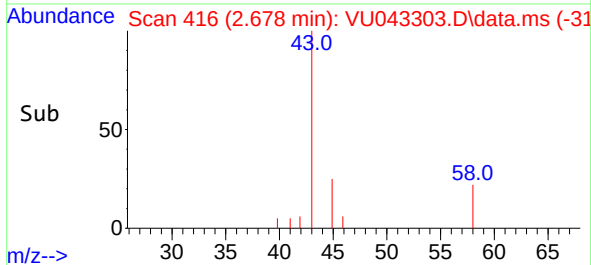
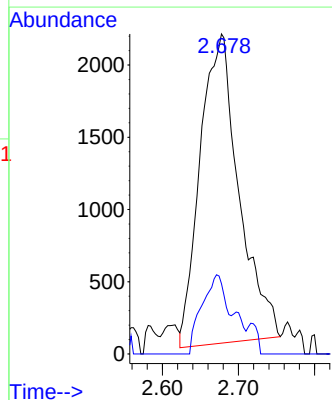
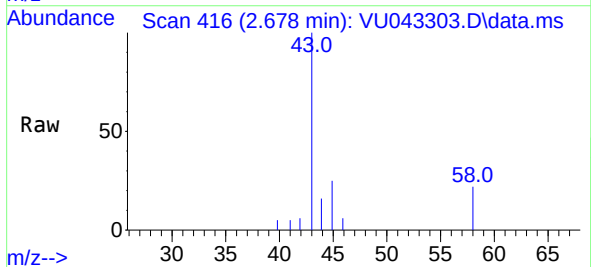
Instrument :
MSVOA_U
ClientSampled :

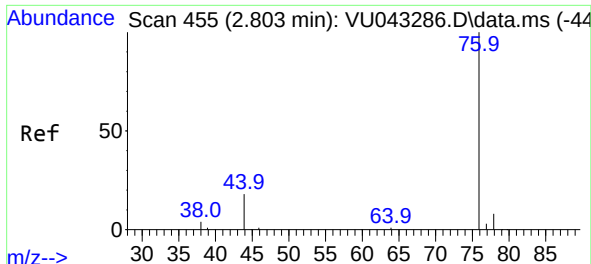
Tgt Ion: 50 Resp: 2114
Ion Ratio Lower Upper
50 100
52 22.8 23.6 43.8#



#13
Acetone
Concen: 4.59 ug/L
RT: 2.678 min Scan# 416
Delta R.T. 0.019 min
Lab File: VU043303.D
Acq: 23 Apr 2021 19:57

Tgt Ion: 43 Resp: 7587
Ion Ratio Lower Upper
43 100
58 16.1 0.0 25.0

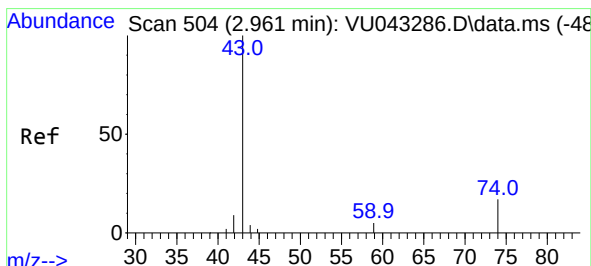
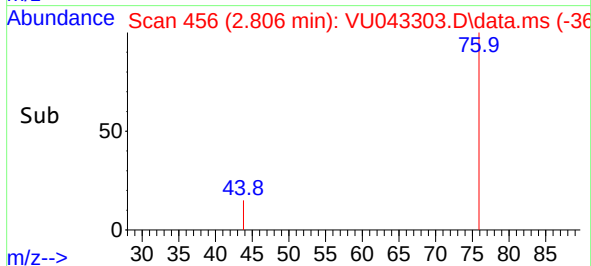
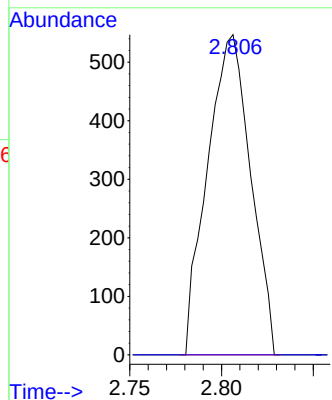
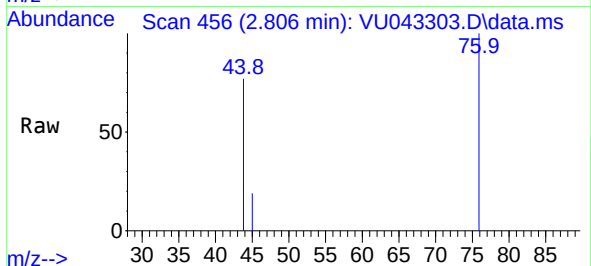




#14
Carbon disulfide
Concen: 0.06 ug/L
RT: 2.806 min Scan# 456
Delta R.T. 0.003 min
Lab File: VU043303.D
Acq: 23 Apr 2021 19:57

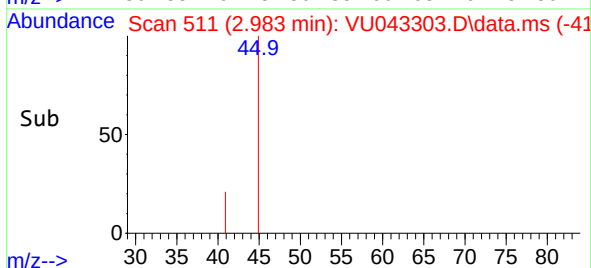
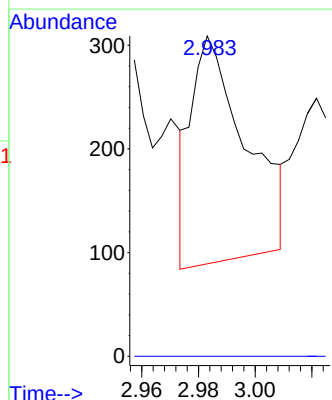
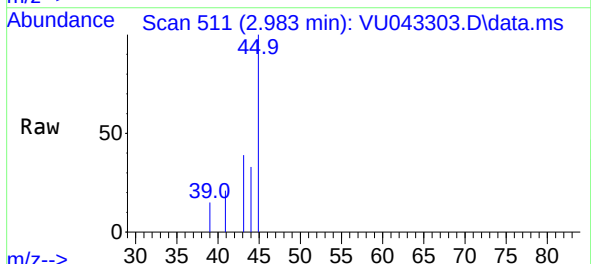
Instrument :
MSVOA_U
ClientSampled :

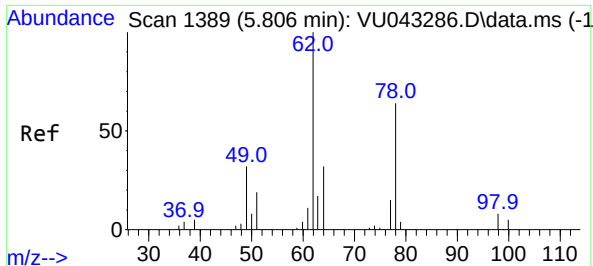
Tgt Ion: 76 Resp: 896
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#15
Methyl Acetate
Concen: 0.09 ug/L
RT: 2.983 min Scan# 511
Delta R.T. 0.022 min
Lab File: VU043303.D
Acq: 23 Apr 2021 19:57

Tgt Ion: 43 Resp: 292
Ion Ratio Lower Upper
43 100
74 0.0 21.5 32.3#

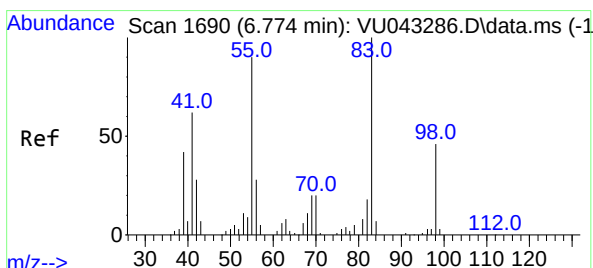
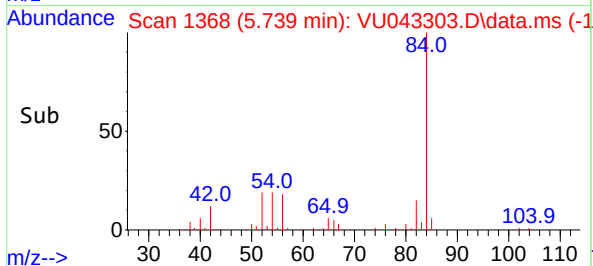
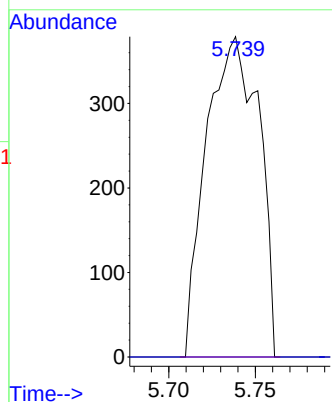
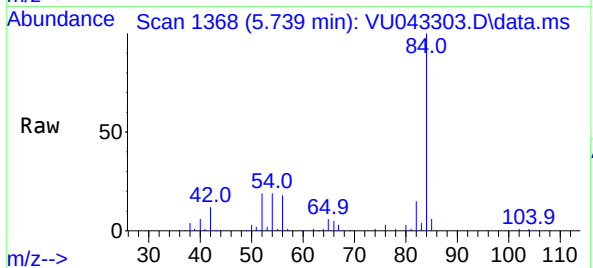




#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.068 min
Lab File: VU043303.D
Acq: 23 Apr 2021 19:57

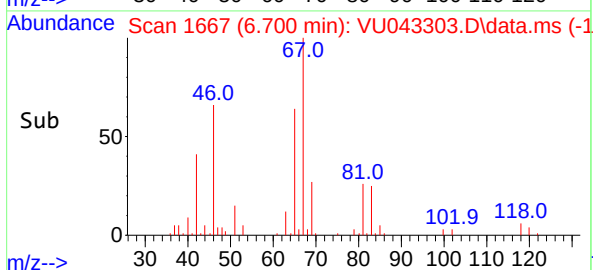
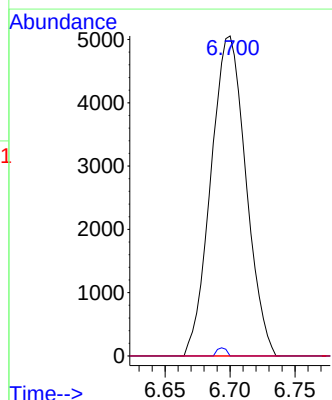
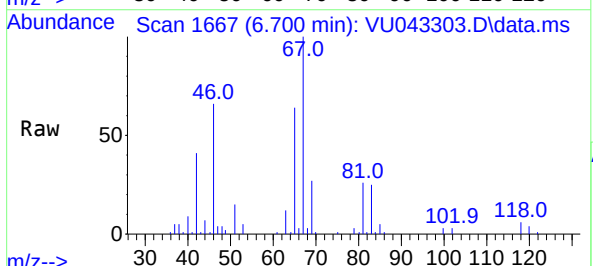
Instrument :
MSVOA_U
ClientSampled :

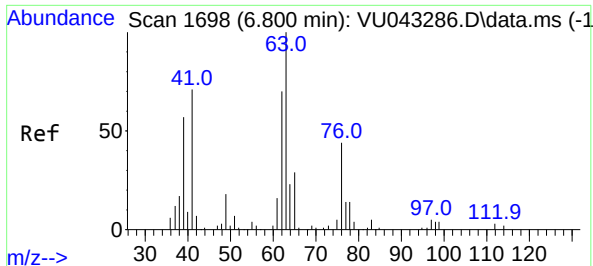
Tgt Ion: 62 Resp: 799
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#



#35
Methylcyclohexane
Concen: 0.92 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043303.D
Acq: 23 Apr 2021 19:57

Tgt Ion: 83 Resp: 9478
Ion Ratio Lower Upper
83 100
55 0.7 59.5 89.3#
98 0.2 37.9 56.9#

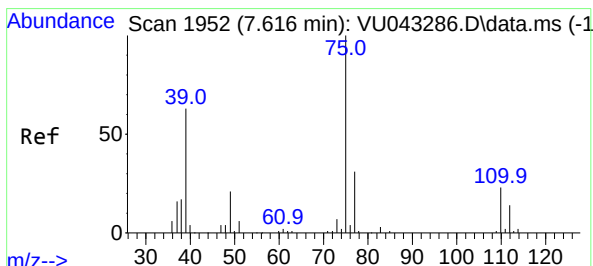
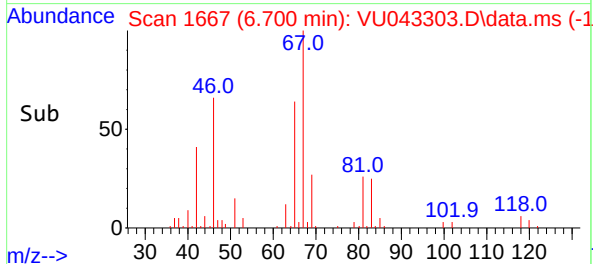
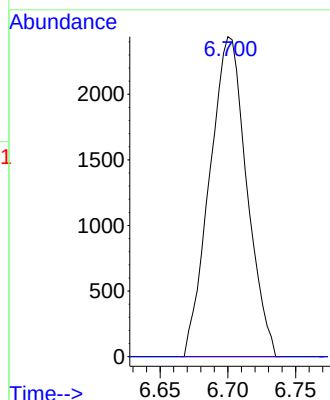
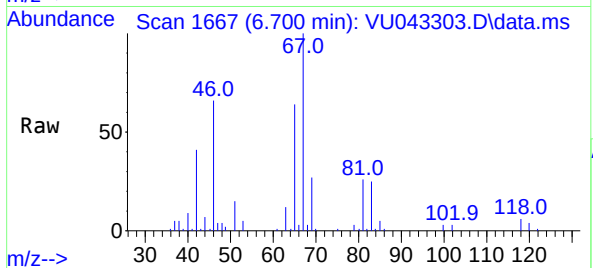




#37
1,2-Dichloropropane
Concen: 0.61 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043303.D
Acq: 23 Apr 2021 19:57

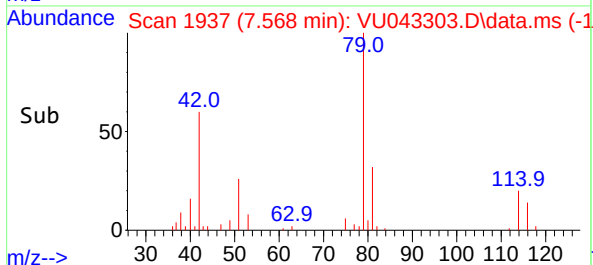
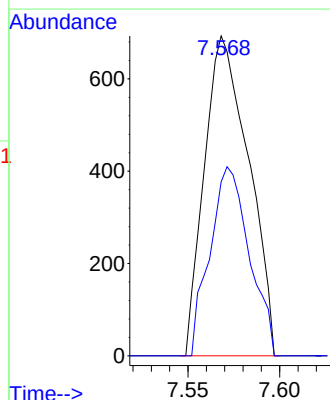
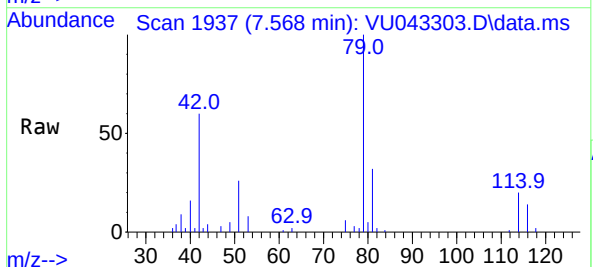
Instrument :
MSVOA_U
ClientSampled :

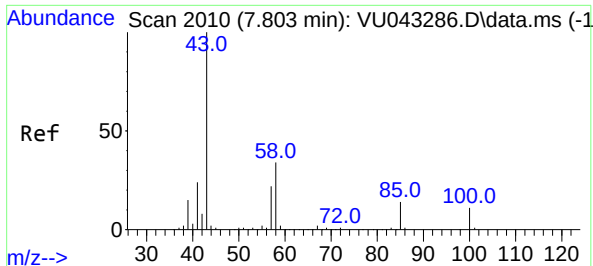
Tgt Ion: 63 Resp: 4642
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.048 min
Lab File: VU043303.D
Acq: 23 Apr 2021 19:57

Tgt Ion: 75 Resp: 1161
Ion Ratio Lower Upper
75 100
77 54.4 21.8 40.6#





#40

4-Methyl-2-pentanone

Concen: 1.62 ug/L

RT: 7.719 min Scan# 1984

Delta R.T. -0.084 min

Lab File: VU043303.D

Acq: 23 Apr 2021 19:57

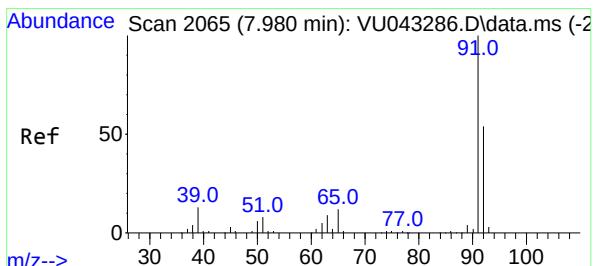
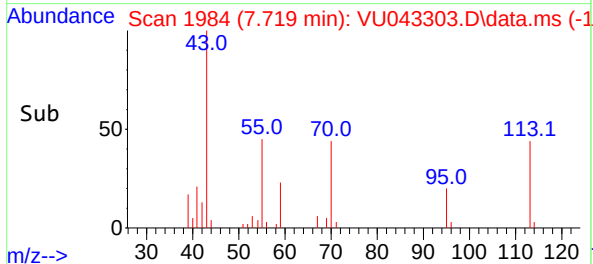
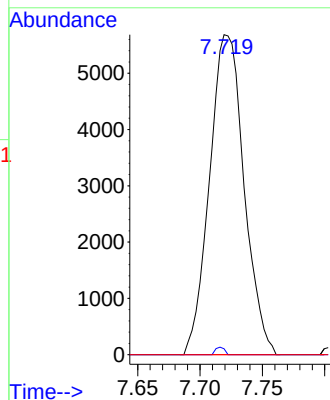
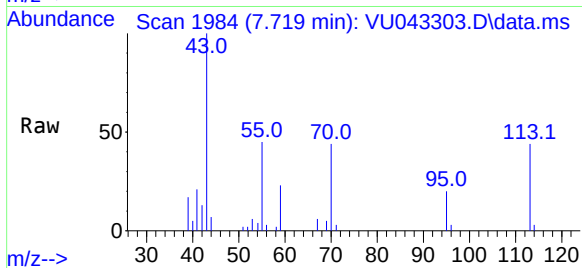
Tgt Ion: 43 Resp: 10962

Ion Ratio Lower Upper

43 100

58 0.6 35.8 53.6#

100 0.0 15.1 22.7#



#42

Toluene

Concen: 0.06 ug/L

RT: 7.980 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VU043303.D

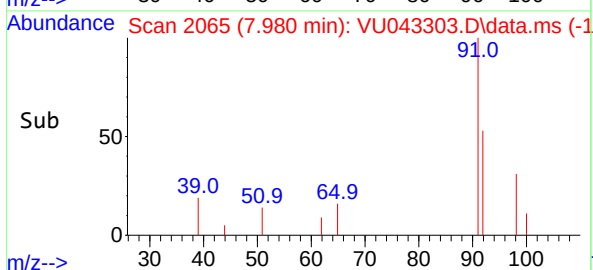
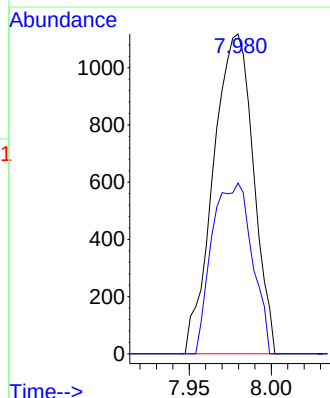
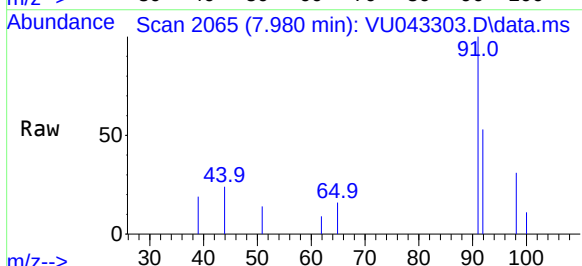
Acq: 23 Apr 2021 19:57

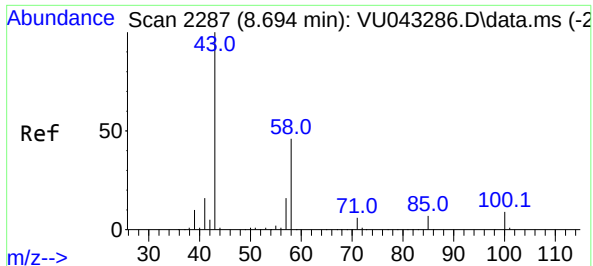
Tgt Ion: 91 Resp: 1896

Ion Ratio Lower Upper

91 100

92 53.4 40.9 76.0



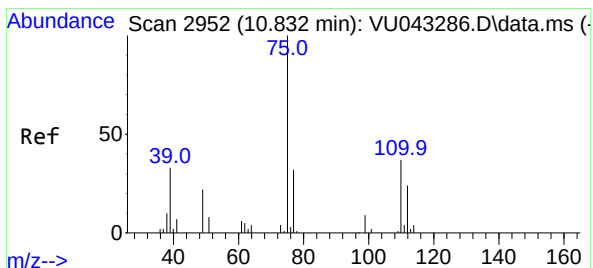
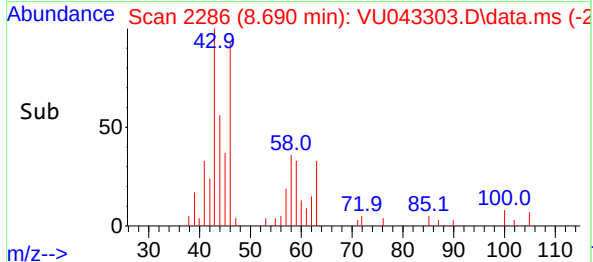
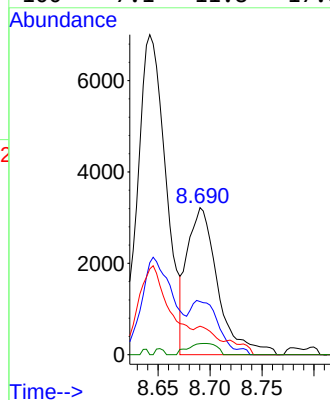
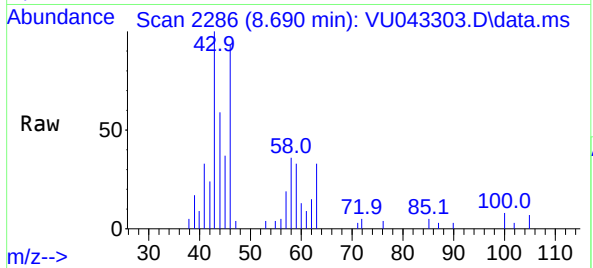


#48
2-Hexanone
Concen: 1.33 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.003 min
Lab File: VU043303.D
Acq: 23 Apr 2021 19:57

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 6613

Ion	Ratio	Lower	Upper
43	100		
58	28.8	50.0	75.0#
57	0.0	17.4	26.0#
100	7.1	11.8	17.8#



#61
1,2,3-Trichloropropane
Concen: 1.20 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU043303.D
Acq: 23 Apr 2021 19:57

Tgt Ion: 75 Resp: 5689

Ion	Ratio	Lower	Upper
75	100		
110	1.4	31.5	47.3#
77	37.0	26.3	39.5

