

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042321\
 Data File : VU043305.D
 Acq On : 23 Apr 2021 20:45
 Operator : SY/MD
 Sample : M2162-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 24 06:35:39 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)

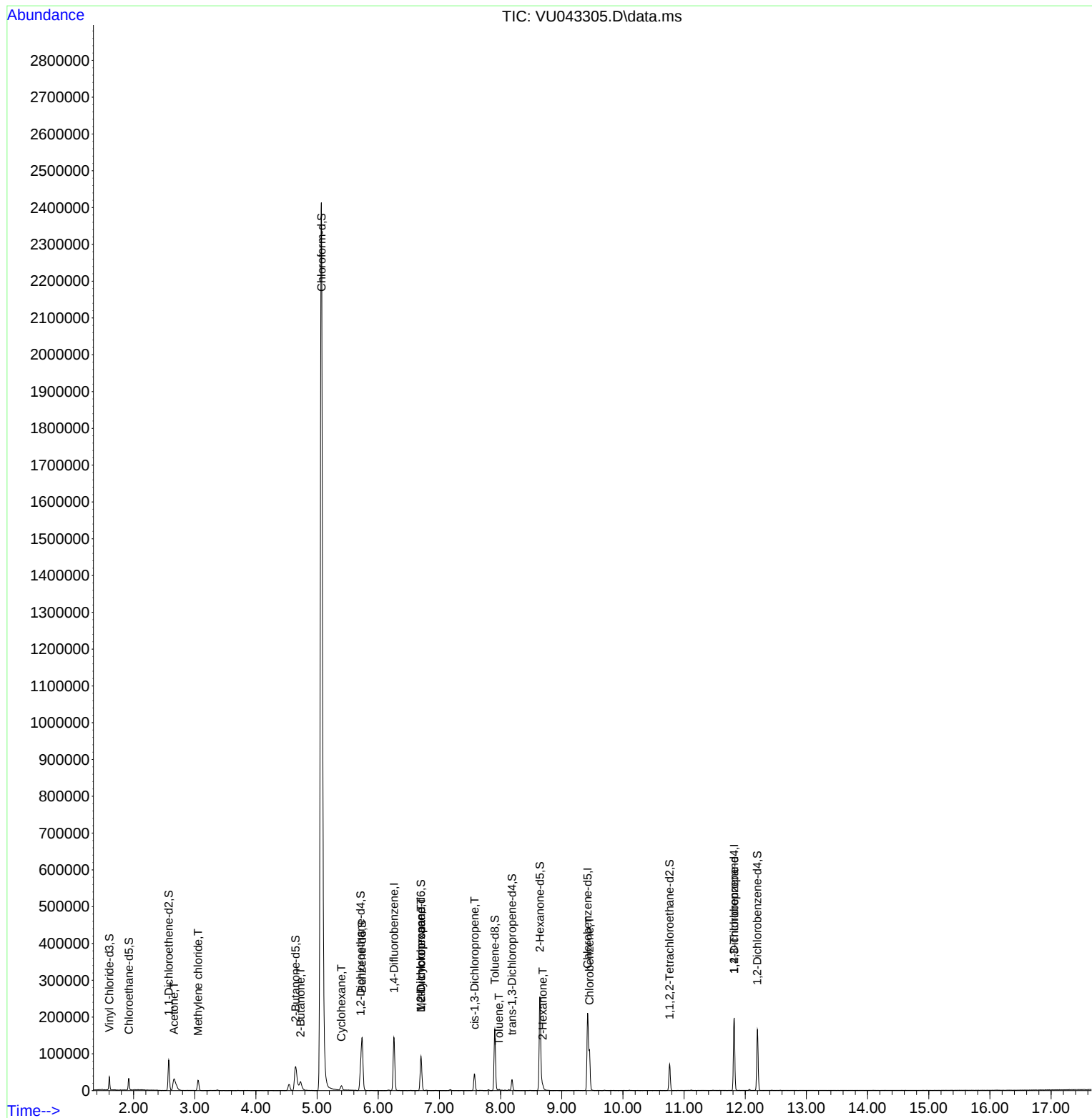
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	106972	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	105060	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	49521	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	23618	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.922	69	21342	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.40%
11) 1,1-Dichloroethene-d2	2.575	65	15119	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.00%
20) 2-Butanone-d5	4.649	46	129389	54.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.46%
24) Chloroform-d	5.073	84	65987	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.713	65	43278	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	5.735	84	119794	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.700	67	39714	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.906	98	100464	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
43) trans-1,3-Dichloroprop...	8.185	79	14589	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	8.642	63	75947	42.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.02%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	33372	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
66) 1,2-Dichlorobenzene-d4	12.198	152	38991	4.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.80%
Target Compounds						Qvalue
13) Acetone	2.662	43	73938	42.18	ug/L	# 68
16) Methylene chloride	3.054	84	11630	1.51	ug/L	86
21) 2-Butanone	4.729	43	39853	13.77	ug/L	82
30) Cyclohexane	5.398	56	5145	0.46	ug/L	89
35) Methylcyclohexane	6.697	83	8834	0.82	ug/L	# 19
37) 1,2-Dichloropropane	6.700	63	4996	0.63	ug/L	# 87
39) cis-1,3-Dichloropropene	7.574	75	1144	0.10	ug/L	# 58
42) Toluene	7.973	91	2116	0.07	ug/L	96
48) 2-Hexanone	8.690	43	6024	1.16	ug/L	# 76
51) Chlorobenzene	9.452	112	48727	2.43	ug/L	91
61) 1,2,3-Trichloropropane	11.819	75	5822	1.14	ug/L	# 59

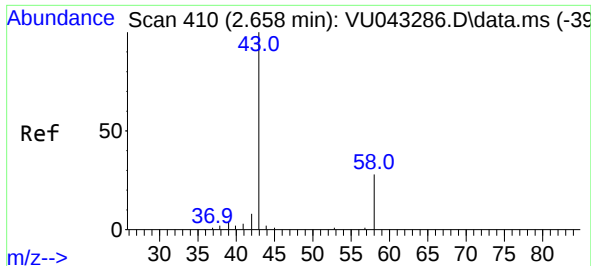
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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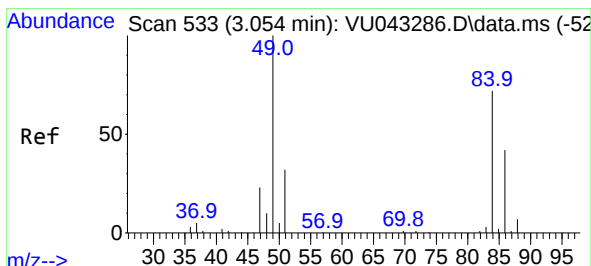
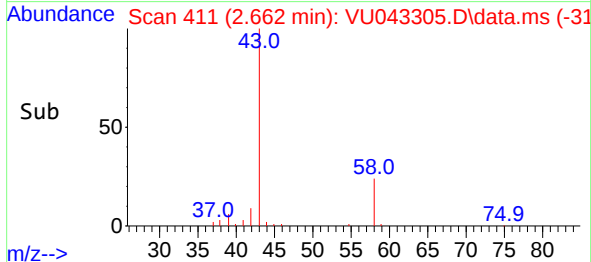
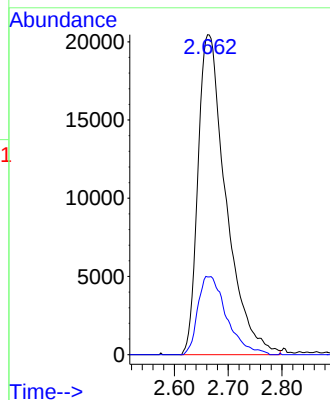
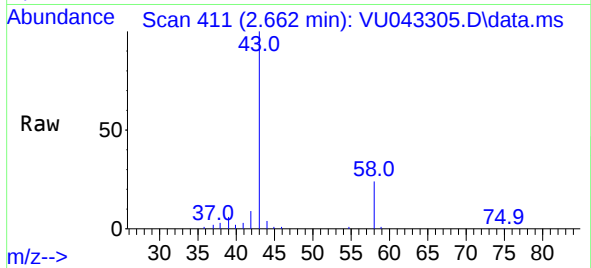




#13
Acetone
Concen: 42.18 ug/L
RT: 2.662 min Scan# 411
Delta R.T. 0.003 min
Lab File: VU043305.D
Acq: 23 Apr 2021 20:45

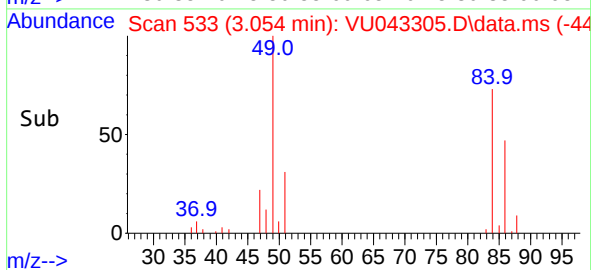
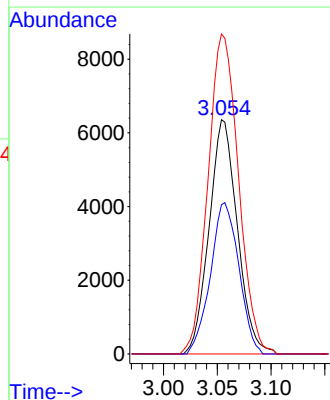
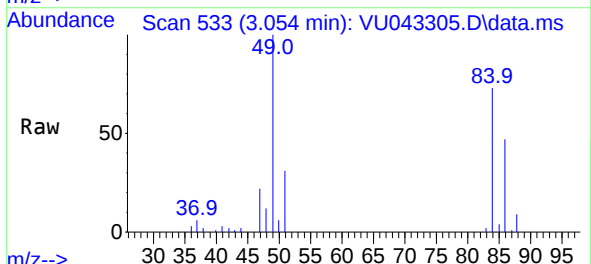
Instrument :
MSVOA_U
ClientSampled :

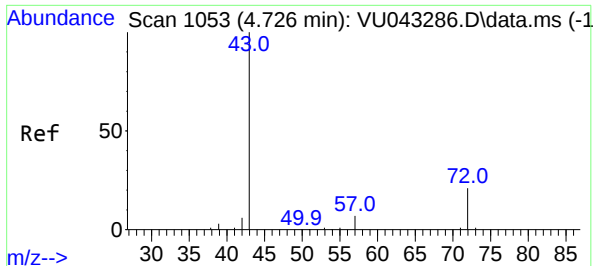
Tgt Ion: 43 Resp: 73938
Ion Ratio Lower Upper
43 100
58 25.1 0.0 25.0#



#16
Methylene chloride
Concen: 1.51 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU043305.D
Acq: 23 Apr 2021 20:45

Tgt Ion: 84 Resp: 11630
Ion Ratio Lower Upper
84 100
86 63.7 44.9 83.5
49 136.6 79.0 146.8

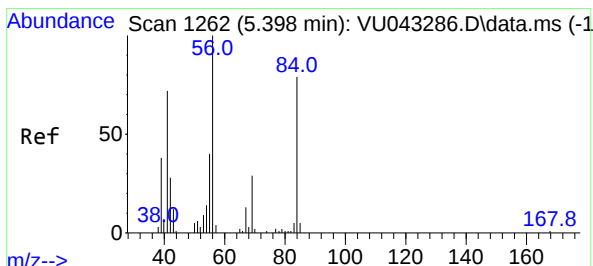
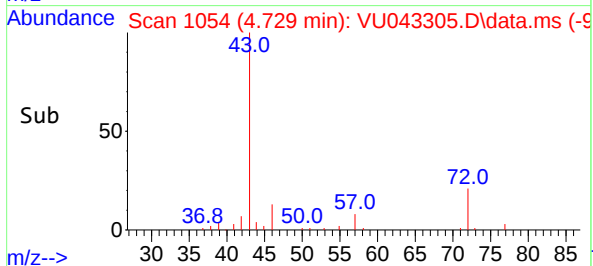
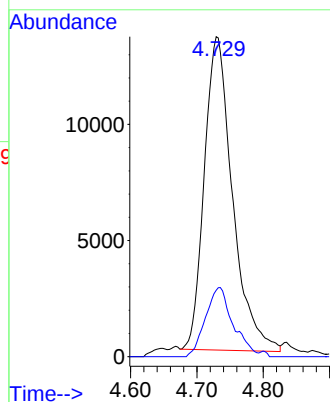
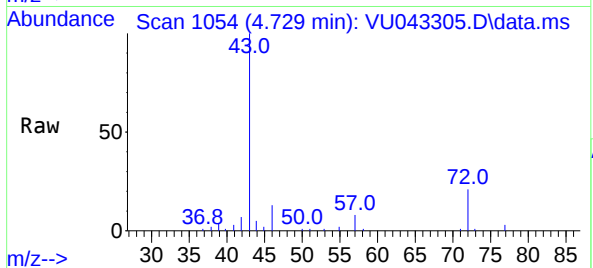




#21
2-Butanone
Concen: 13.77 ug/L
RT: 4.729 min Scan# 1054
Delta R.T. 0.003 min
Lab File: VU043305.D
Acq: 23 Apr 2021 20:45

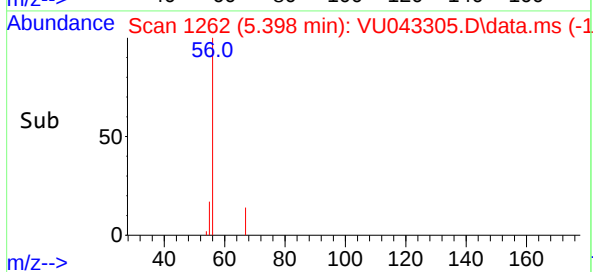
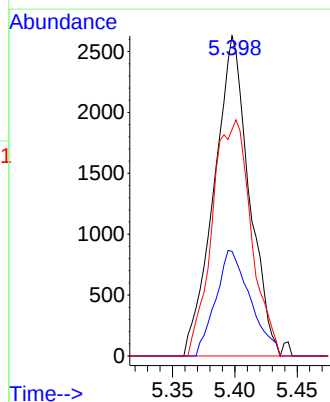
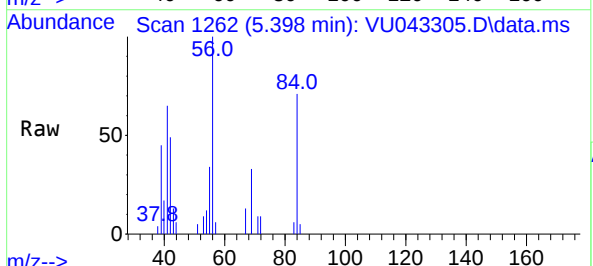
Instrument :
MSVOA_U
ClientSampled :

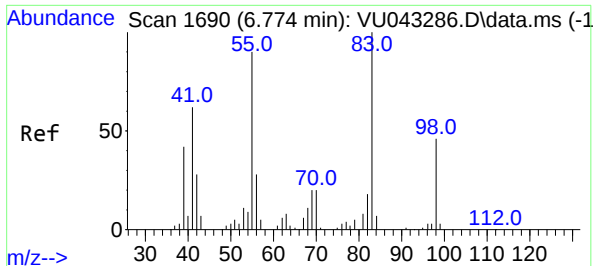
Tgt Ion: 43 Resp: 39853
Ion Ratio Lower Upper
43 100
72 21.5 15.8 47.3



#30
Cyclohexane
Concen: 0.46 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VU043305.D
Acq: 23 Apr 2021 20:45

Tgt Ion: 56 Resp: 5145
Ion Ratio Lower Upper
56 100
69 32.6 25.2 37.8
84 81.9 76.2 114.4





#35

Methylcyclohexane

Concen: 0.82 ug/L

RT: 6.697 min Scan# 1666

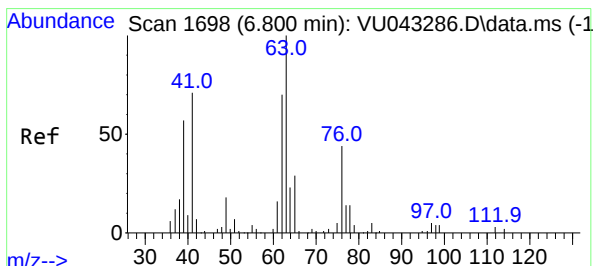
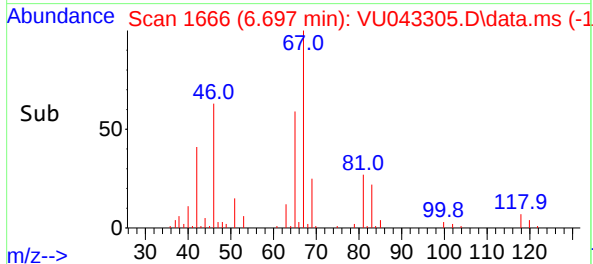
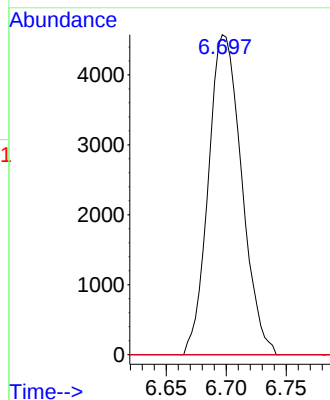
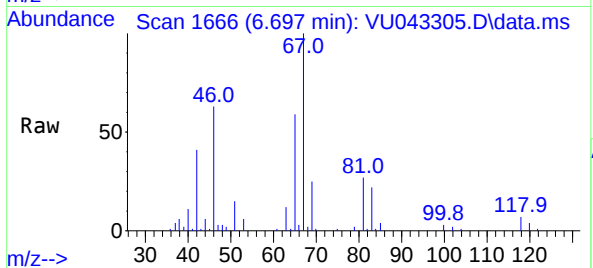
Delta R.T. -0.077 min

Lab File: VU043305.D

Acq: 23 Apr 2021 20:45

Tgt Ion:	83	Resp:	8834
Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	0.0	37.9	56.9#

Instrument :
MSVOA_U
ClientSampled :



#37

1,2-Dichloropropane

Concen: 0.63 ug/L

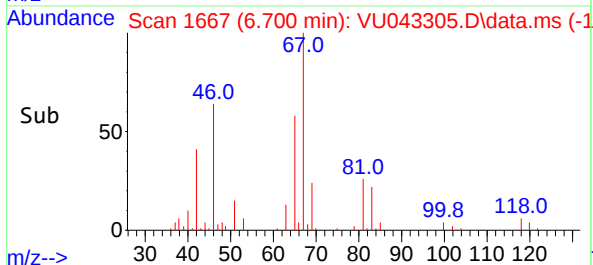
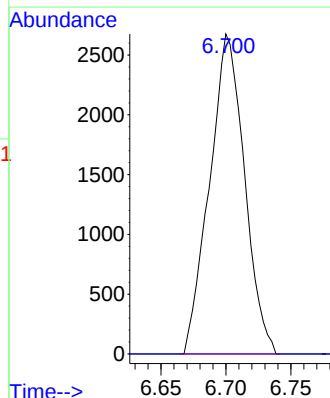
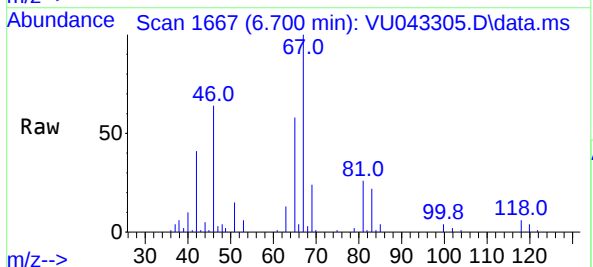
RT: 6.700 min Scan# 1667

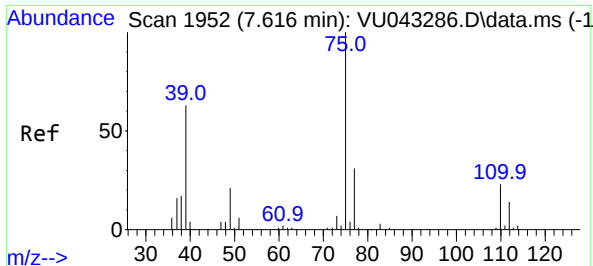
Delta R.T. -0.100 min

Lab File: VU043305.D

Acq: 23 Apr 2021 20:45

Tgt Ion:	63	Resp:	4996
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

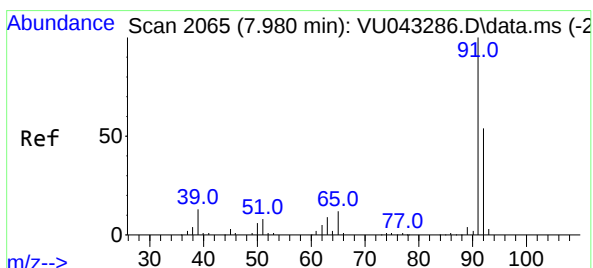
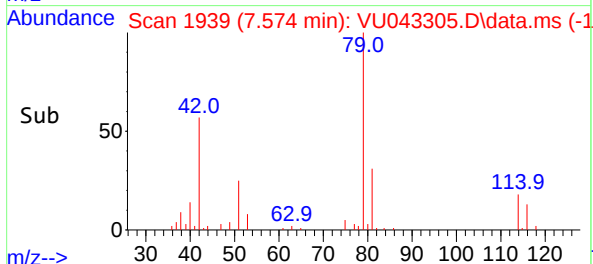
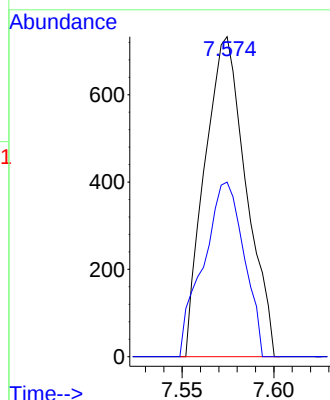
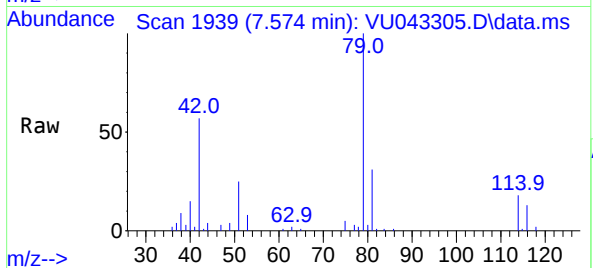




#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043305.D
Acq: 23 Apr 2021 20:45

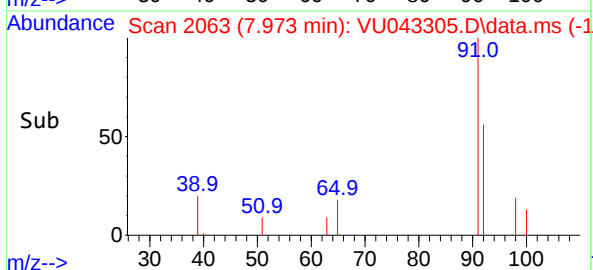
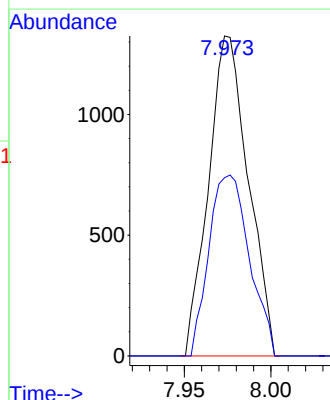
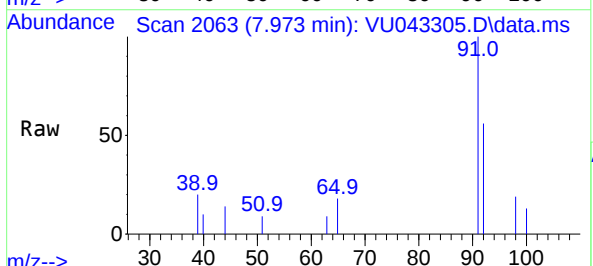
Instrument :
MSVOA_U
ClientSampled :

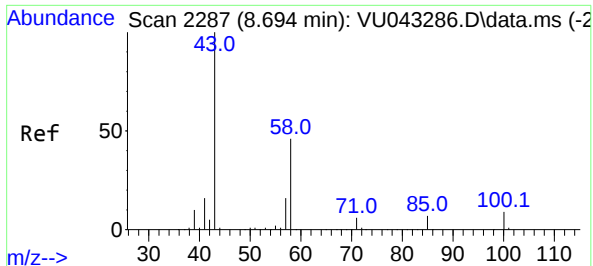
Tgt Ion: 75 Resp: 1144
Ion Ratio Lower Upper
75 100
77 54.6 21.8 40.6#



#42
Toluene
Concen: 0.07 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.007 min
Lab File: VU043305.D
Acq: 23 Apr 2021 20:45

Tgt Ion: 91 Resp: 2116
Ion Ratio Lower Upper
91 100
92 55.7 40.9 76.0



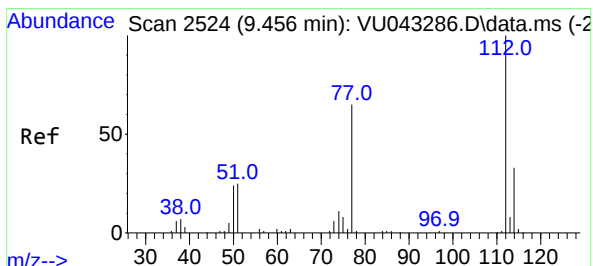
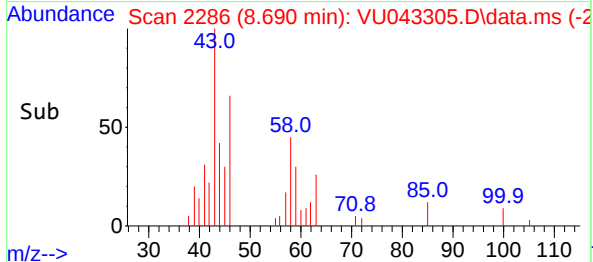
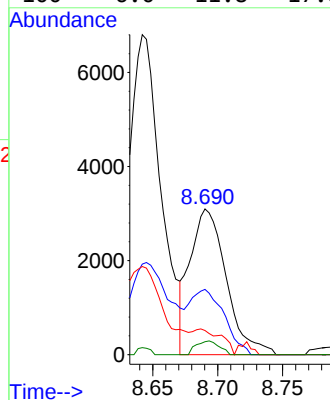
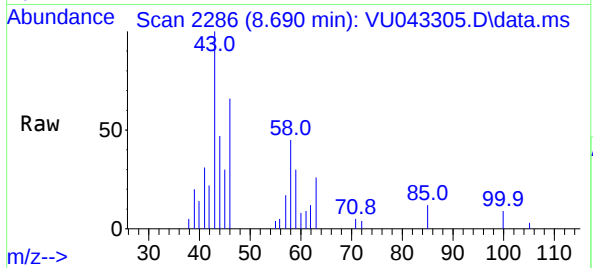


#48
2-Hexanone
Concen: 1.16 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.003 min
Lab File: VU043305.D
Acq: 23 Apr 2021 20:45

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 6024

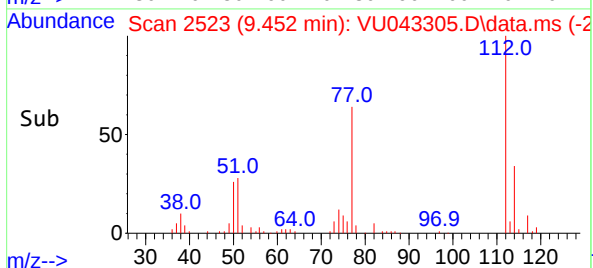
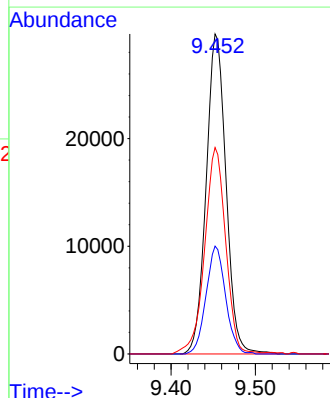
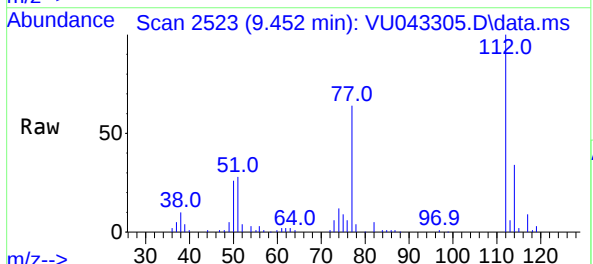
Ion	Ratio	Lower	Upper
43	100		
58	42.0	50.0	75.0#
57	12.3	17.4	26.0#
100	6.0	11.8	17.8#

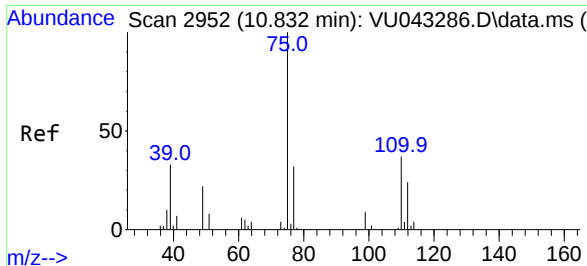


#51
Chlorobenzene
Concen: 2.43 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.003 min
Lab File: VU043305.D
Acq: 23 Apr 2021 20:45

Tgt Ion: 112 Resp: 48727

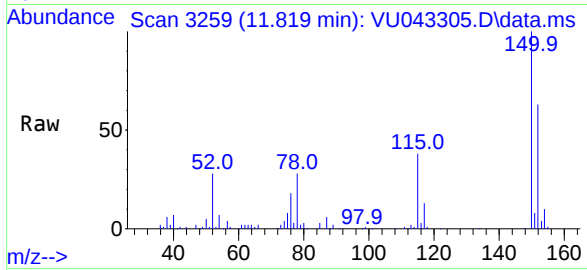
Ion	Ratio	Lower	Upper
112	100		
114	33.7	21.9	40.7
77	64.5	45.1	67.7





#61
1,2,3-Trichloropropane
Concen: 1.14 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU043305.D
Acq: 23 Apr 2021 20:45

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 5822
Ion Ratio Lower Upper
75 100
110 0.0 31.5 47.3#
77 39.8 26.3 39.5#

