

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021021\
 Data File : VU042307.D
 Acq On : 10 Feb 2021 16:01
 Operator : SY/MD
 Sample : M1372-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 11 00:32:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 11 00:32:01 2021
 Response via : Initial Calibration

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

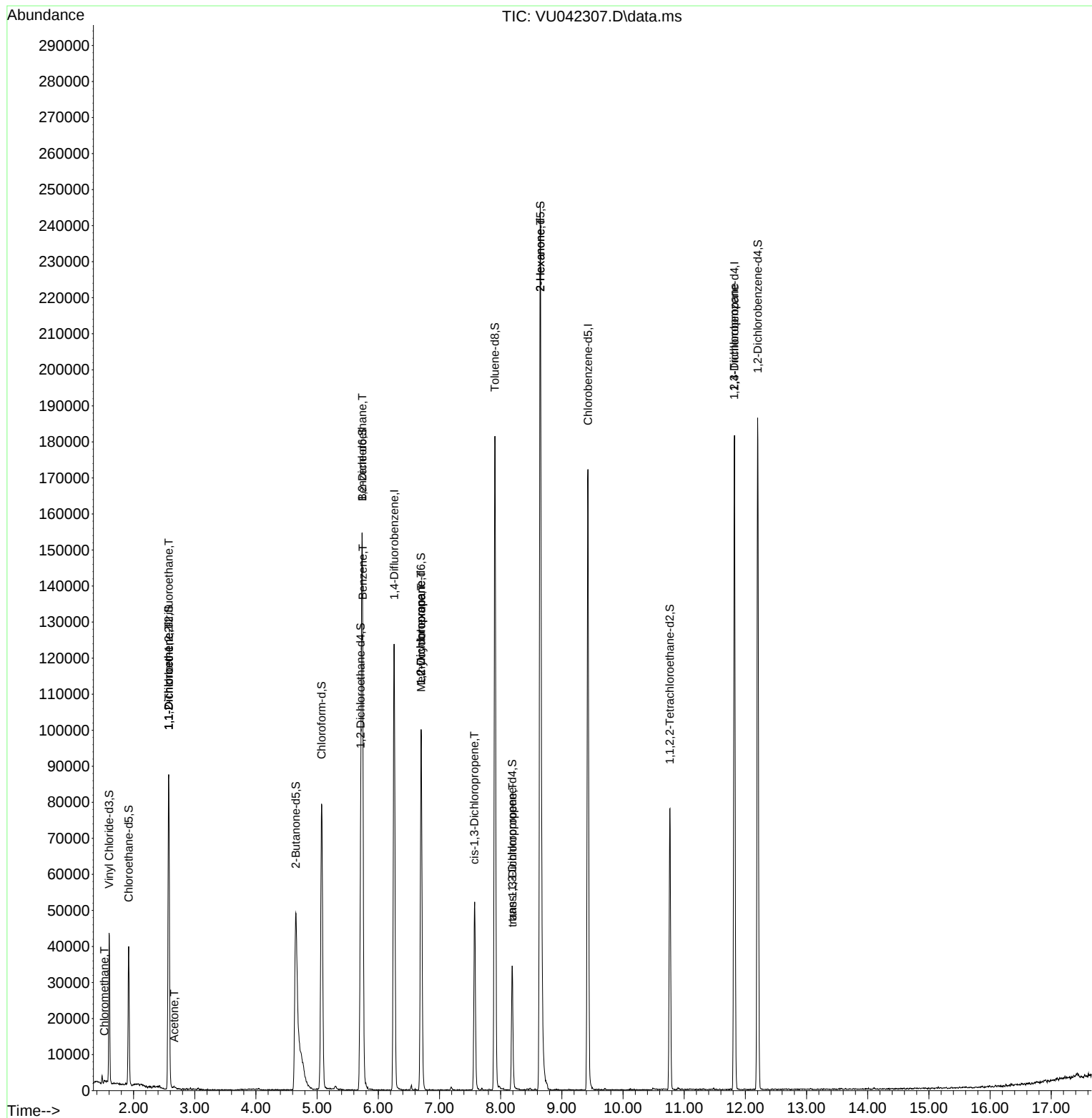
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	96578	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	89592	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	46561	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	29171	4.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.60%
7) Chloroethane-d5	1.919	69	26671	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.40%
11) 1,1-Dichloroethene-d2	2.575	63	54527	3.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.40%
20) 2-Butanone-d5	4.652	46	136732	60.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.30%
24) Chloroform-d	5.073	84	71069	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.20%
26) 1,2-Dichloroethane-d4	5.713	65	44927	5.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.40%
32) Benzene-d6	5.739	84	130492	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.60%
36) 1,2-Dichloropropane-d6	6.700	67	44373	5.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	117.60%
41) Toluene-d8	7.906	98	116114	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
43) trans-1,3-Dichloroprop...	8.189	79	18950	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.648	63	96167	57.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.48%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	36376	5.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.40%
64) 1,2-Dichlorobenzene-d4	12.201	152	46243	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	560	0.07	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	405	0.06	ug/L #	18
12) 1,1-Dichloroethene	2.575	96	366	0.06	ug/L #	1
13) Acetone	2.665	43	1521	1.00	ug/L	55
27) 1,2-Dichloroethane	5.739	62	896	0.10	ug/L #	75
33) Benzene	5.745	78	1115	0.04	ug/L	100
35) Methylcyclohexane	6.703	83	9783	0.82	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	5083	0.73	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1381	0.12	ug/L #	74
44) trans-1,3-Dichloropropene	8.192	75	782	0.07	ug/L #	63
48) 2-Hexanone	8.648	43	14377	3.48	ug/L #	67
59) 1,2,3-Trichloropropane	11.819	75	5452	1.11	ug/L	91

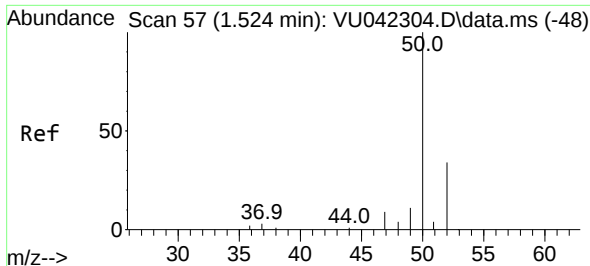
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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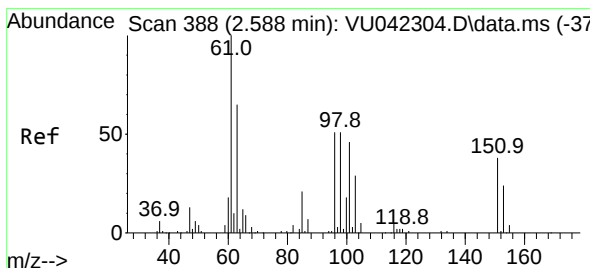
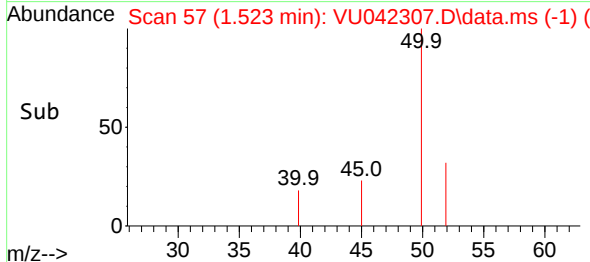
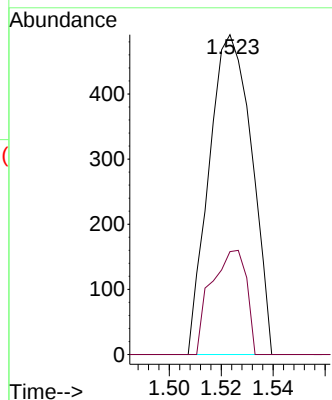
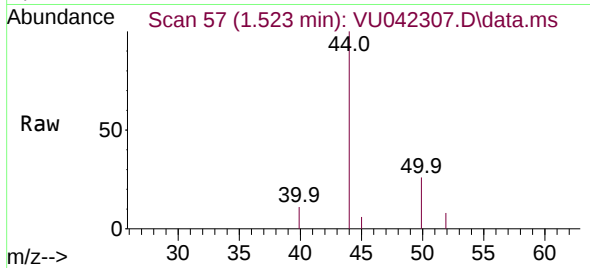




#3
Chloromethane
Concen: 0.07 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042307.D
Acq: 10 Feb 2021 16:01

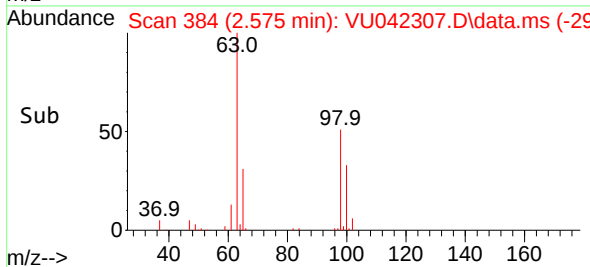
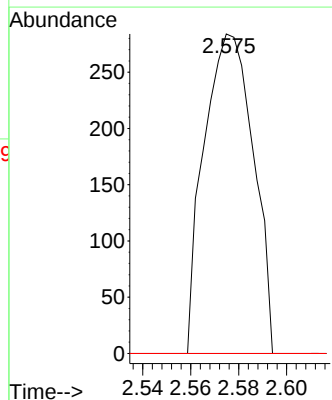
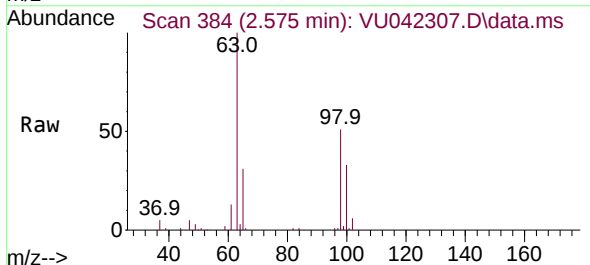
Instrument :
MSVOA_U
ClientSampled :

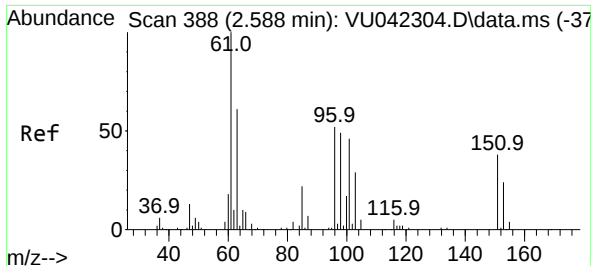
Tgt Ion: 50 Resp: 560
Ion Ratio Lower Upper
50 100
52 32.2 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.06 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU042307.D
Acq: 10 Feb 2021 16:01

Tgt Ion: 101 Resp: 405
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

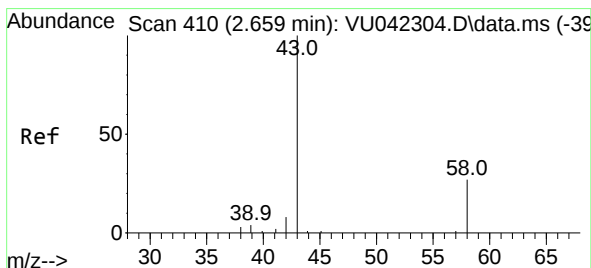
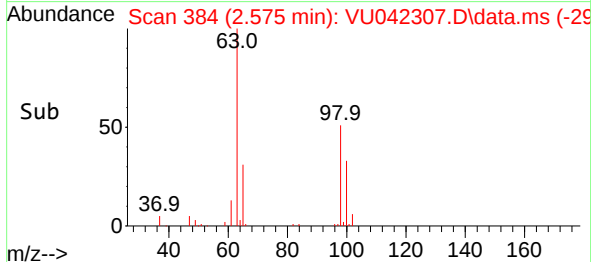
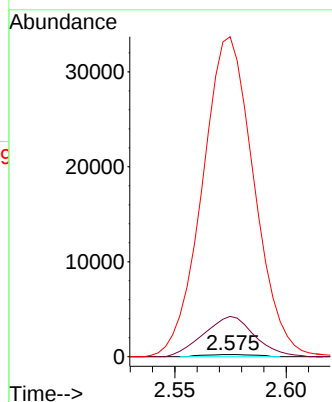
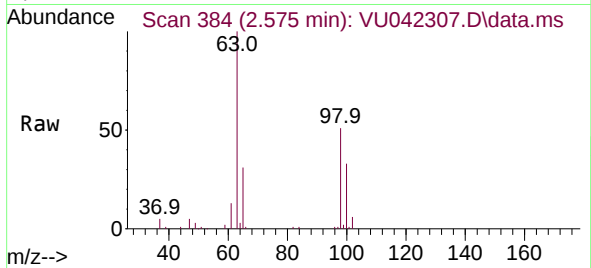




#12
1,1-Dichloroethene
Concen: 0.06 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU042307.D
Acq: 10 Feb 2021 16:01

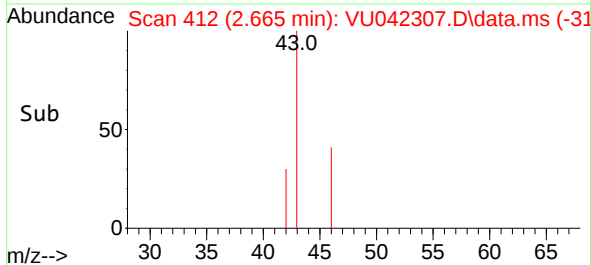
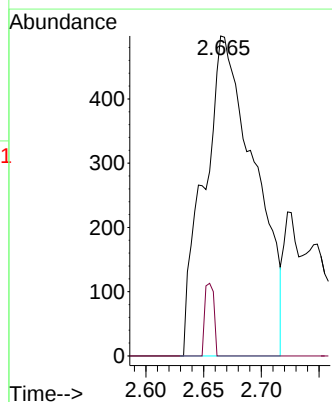
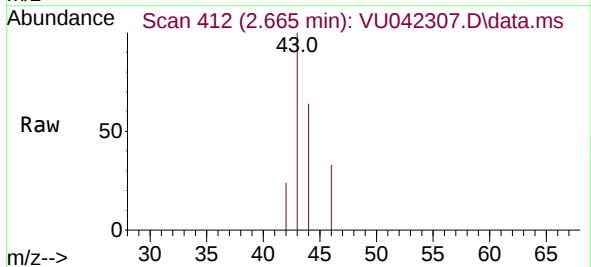
Instrument :
MSVOA_U
ClientSampleId :

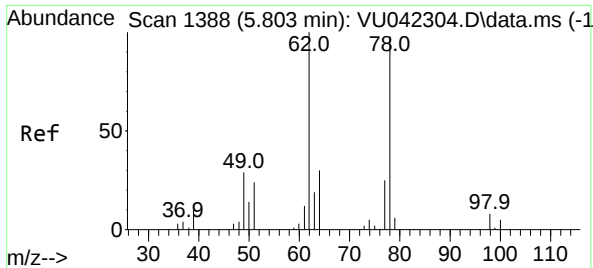
Tgt Ion: 96 Resp: 366
Ion Ratio Lower Upper
96 100
61 1930.0 126.2 234.4#
63 15320.0 77.8 144.4#



#13
Acetone
Concen: 1.00 ug/L
RT: 2.665 min Scan# 412
Delta R.T. 0.006 min
Lab File: VU042307.D
Acq: 10 Feb 2021 16:01

Tgt Ion: 43 Resp: 1521
Ion Ratio Lower Upper
43 100
58 4.1 0.0 55.8

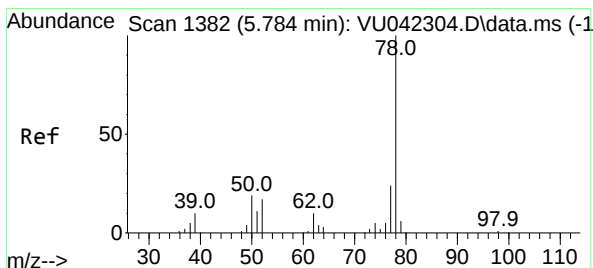
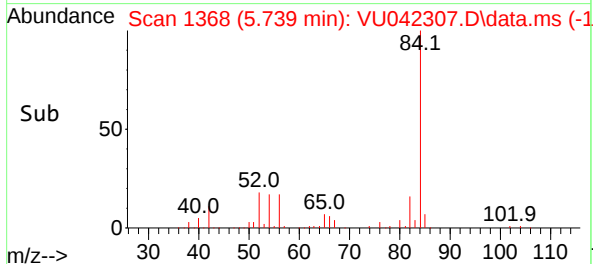
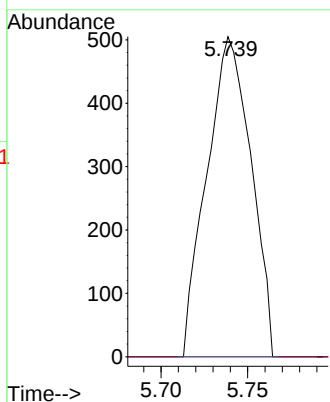
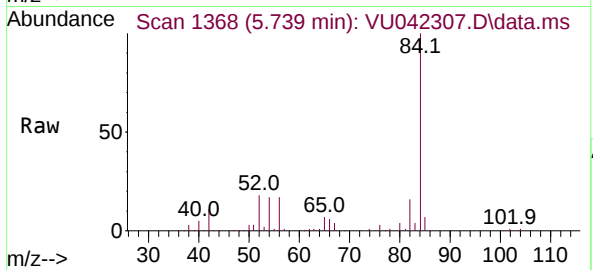




#27
1,2-Dichloroethane
Concen: 0.10 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.064 min
Lab File: VU042307.D
Acq: 10 Feb 2021 16:01

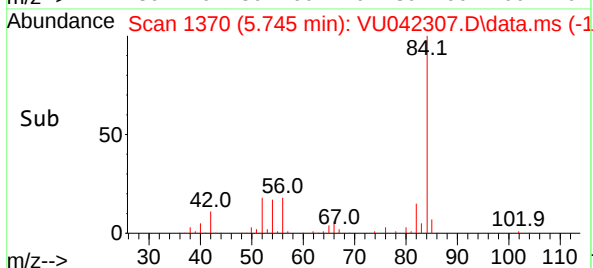
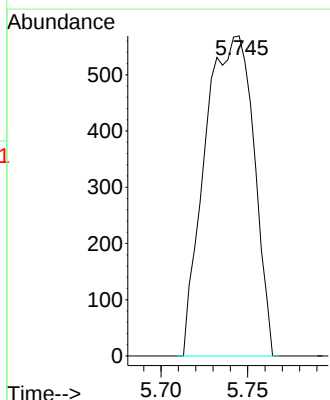
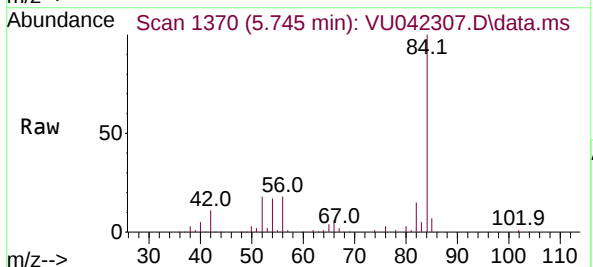
Instrument :
MSVOA_U
ClientSampled :

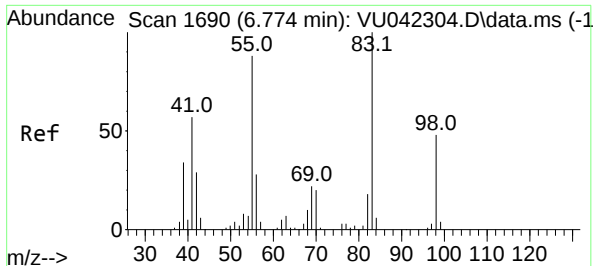
Tgt Ion: 62 Resp: 896
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#33
Benzene
Concen: 0.04 ug/L
RT: 5.745 min Scan# 1370
Delta R.T. -0.039 min
Lab File: VU042307.D
Acq: 10 Feb 2021 16:01

Tgt Ion: 78 Resp: 1115





#35

Methylcyclohexane

Concen: 0.82 ug/L

RT: 6.703 min Scan# 1668

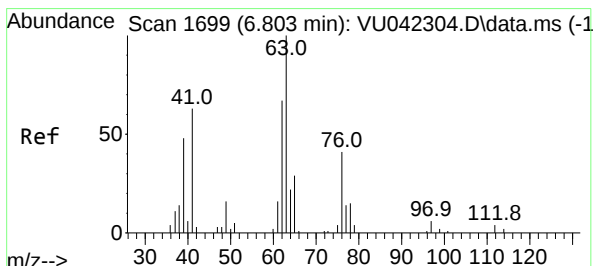
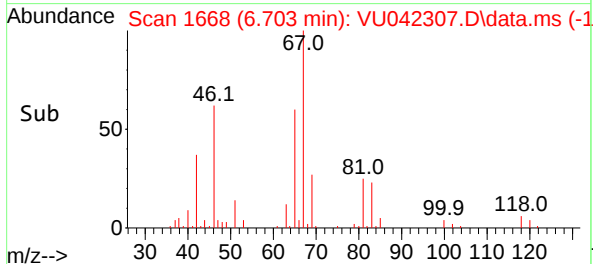
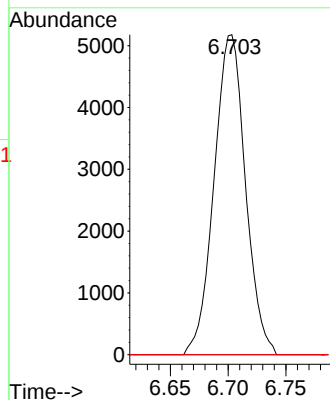
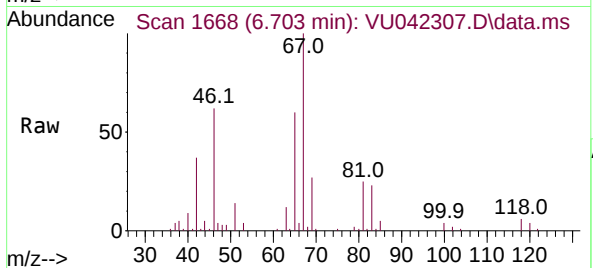
Delta R.T. -0.071 min

Lab File: VU042307.D

Acq: 10 Feb 2021 16:01

Tgt Ion:	83	Resp:	9783
Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.2	102.4#
98	1.1	39.7	59.5#

Instrument :
MSVOA_U
ClientSampleId :



#37

1,2-Dichloropropane

Concen: 0.73 ug/L

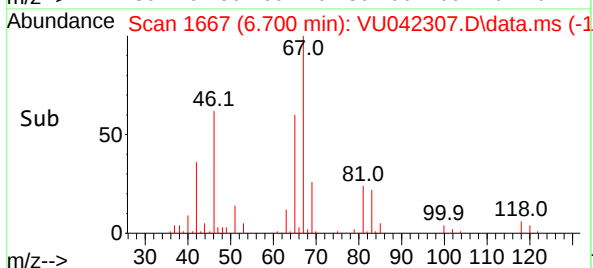
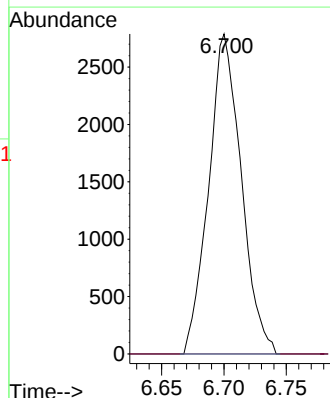
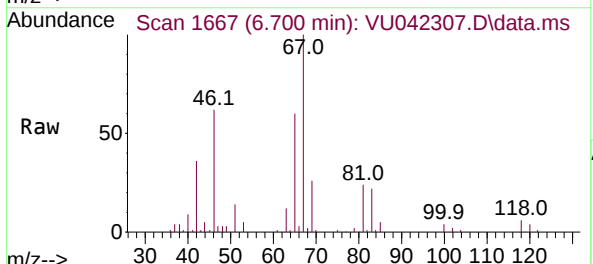
RT: 6.700 min Scan# 1667

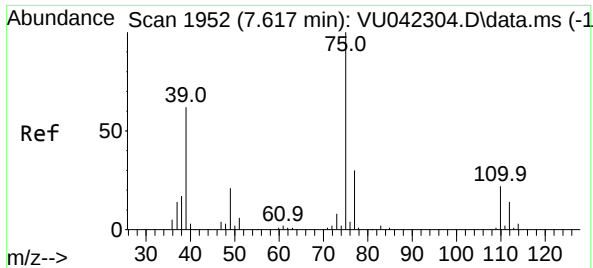
Delta R.T. -0.103 min

Lab File: VU042307.D

Acq: 10 Feb 2021 16:01

Tgt Ion:	63	Resp:	5083
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#



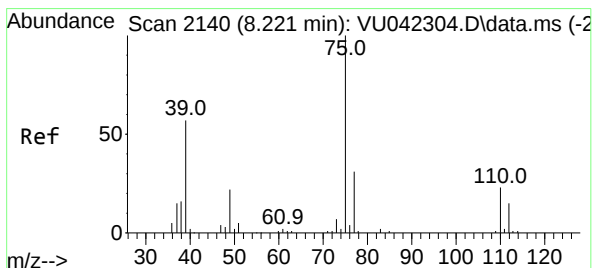
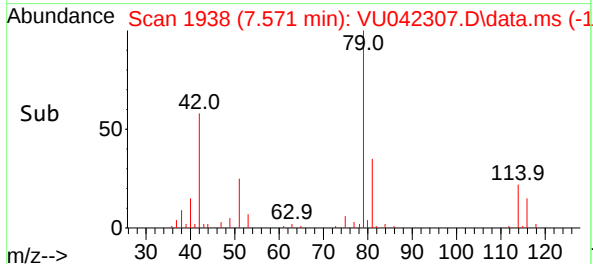
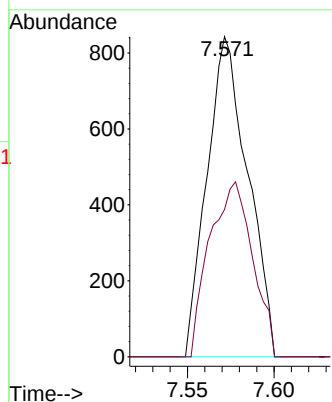
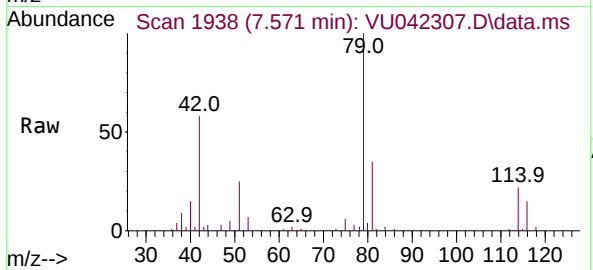


#39

cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042307.D
Acq: 10 Feb 2021 16:01

Instrument :
MSVOA_U
ClientSampled :

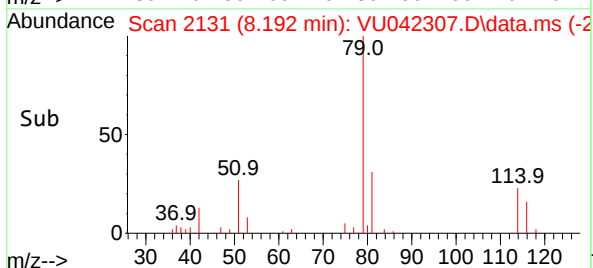
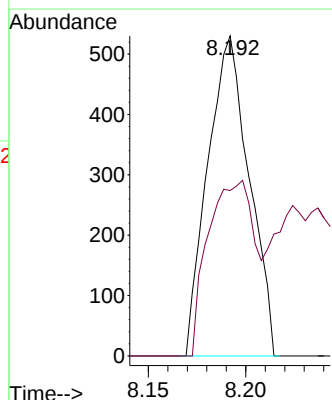
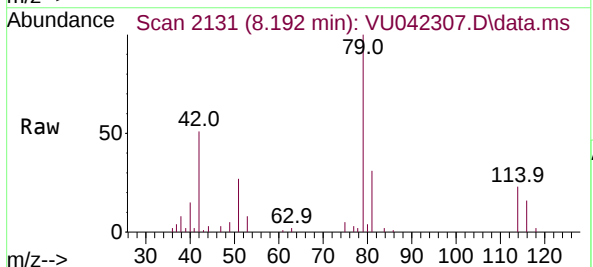
Tgt Ion: 75 Resp: 1381
Ion Ratio Lower Upper
75 100
77 46.0 22.0 40.8#

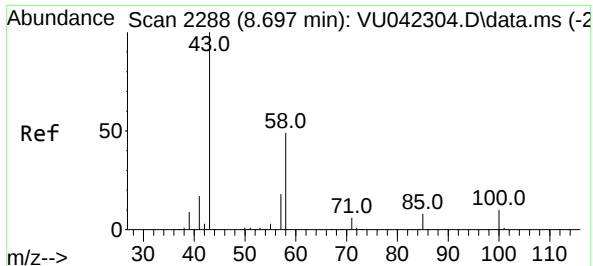


#44

trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.192 min Scan# 2131
Delta R.T. -0.029 min
Lab File: VU042307.D
Acq: 10 Feb 2021 16:01

Tgt Ion: 75 Resp: 782
Ion Ratio Lower Upper
75 100
77 51.7 21.8 40.4#

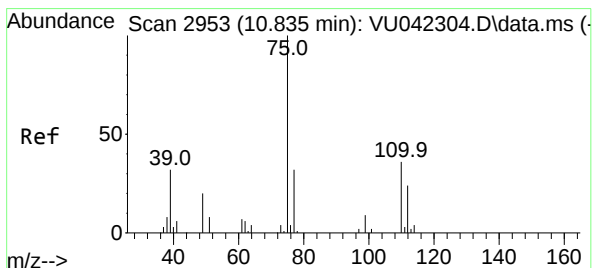
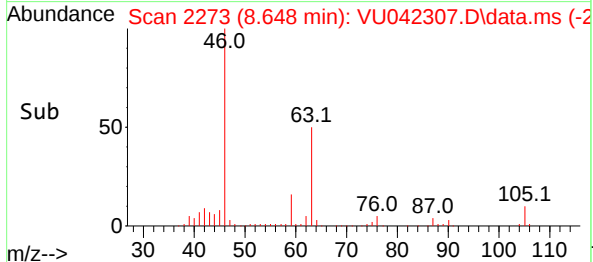
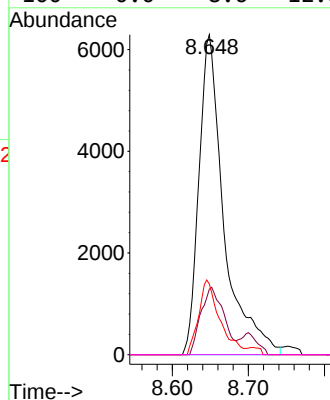
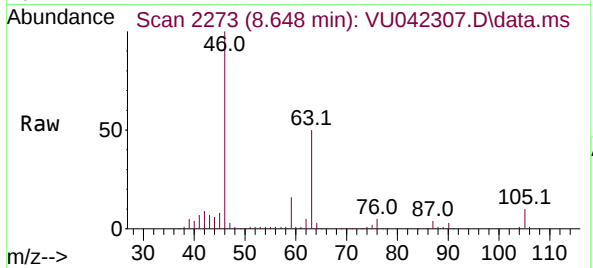




#48
2-Hexanone
Concen: 3.48 ug/L
RT: 8.648 min Scan# 2273
Delta R.T. -0.048 min
Lab File: VU042307.D
Acq: 10 Feb 2021 16:01

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 43	Resp: 14377
Ion Ratio	Lower Upper
43 100	
58 19.4	40.6 61.0#
57 19.8	14.9 22.3
100 0.0	8.6 12.8#



#59
1,2,3-Trichloropropane
Concen: 1.11 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.984 min
Lab File: VU042307.D
Acq: 10 Feb 2021 16:01

Tgt Ion: 75	Resp: 5452
Ion Ratio	Lower Upper
75 100	
77 37.7	26.0 39.0

