

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031221\
 Data File : VU042601.D
 Acq On : 12 Mar 2021 09:45
 Operator : SY/MD
 Sample : M1654-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

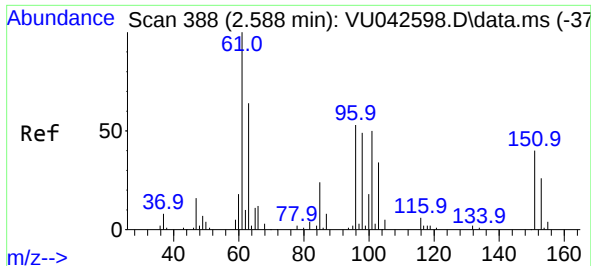
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 12 10:50:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 12 02:42:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	81100	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	78958	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	35908	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	24259	4.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.80%
7) Chloroethane-d5	1.919	69	20329	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.575	63	40866	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	4.649	46	86660	48.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.64%
24) Chloroform-d	5.073	84	50627	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.713	65	34294	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.739	84	92733	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.700	67	30106	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.906	98	88051	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloroprop...	8.189	79	11908	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.645	63	59128	42.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.66%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	25330	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	12.201	152	33686	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	275	0.04	ug/L #	18
27) 1,2-Dichloroethane	5.735	62	627	0.07	ug/L #	75
33) Benzene	5.742	78	804	0.03	ug/L	100
35) Methylcyclohexane	6.703	83	7188	0.69	ug/L #	15
37) 1,2-Dichloropropane	6.703	63	3876	0.58	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	864	0.09	ug/L #	72
44) trans-1,3-Dichloropropene	8.192	75	610	0.07	ug/L #	53
48) 2-Hexanone	8.648	43	9359	2.18	ug/L #	67
59) 1,2,3-Trichloropropane	11.819	75	4623	0.92	ug/L	89

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



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.04 ug/L

RT: 2.581 min Scan# 386

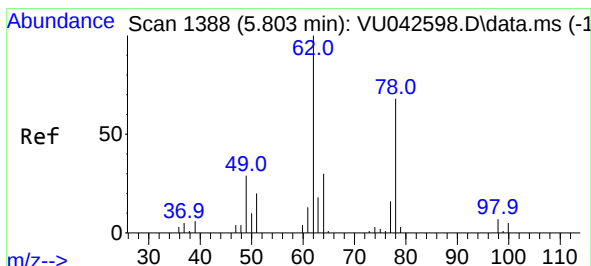
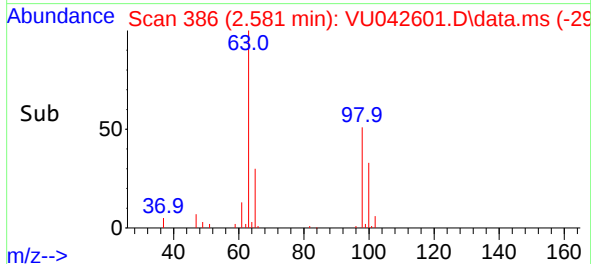
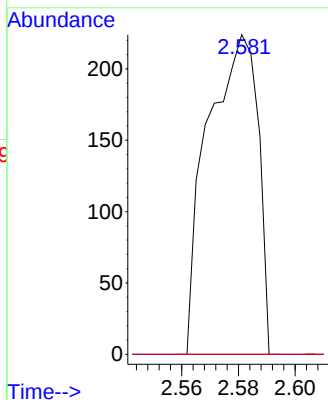
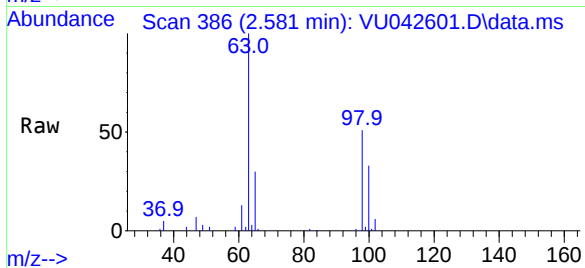
Delta R.T. -0.006 min

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Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:	101	Resp:	275
Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.6	51.8#
151	0.0	62.7	94.1#



#27

1,2-Dichloroethane

Concen: 0.07 ug/L

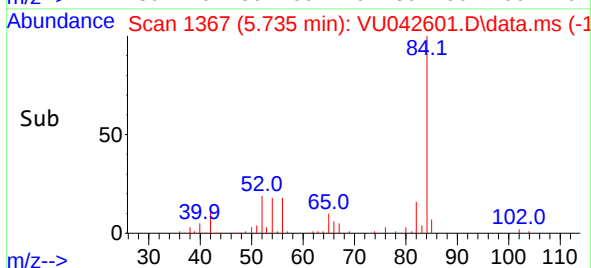
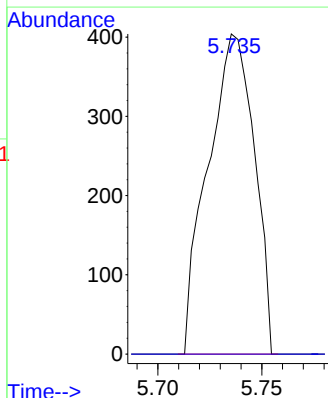
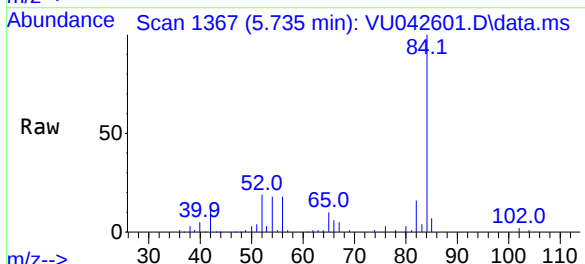
RT: 5.735 min Scan# 1367

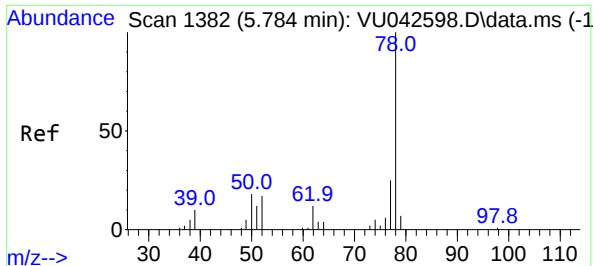
Delta R.T. -0.071 min

Lab File: VU042601.D

Acq: 12 Mar 2021 09:45

Tgt Ion:	62	Resp:	627
Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.3	10.9#

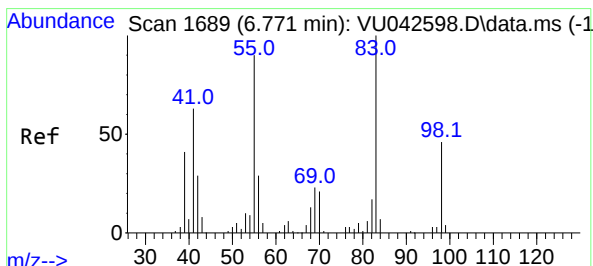
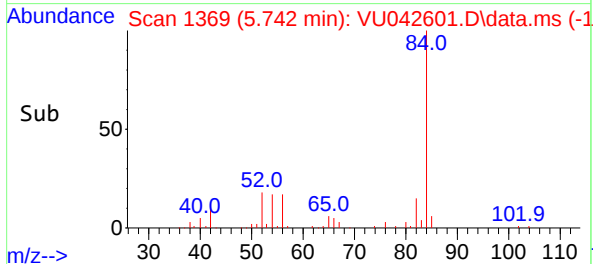
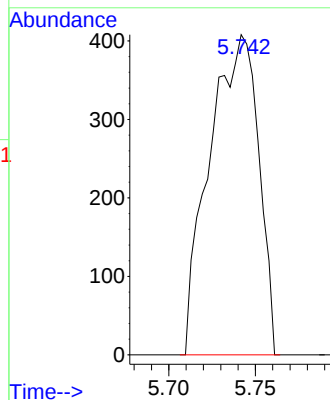
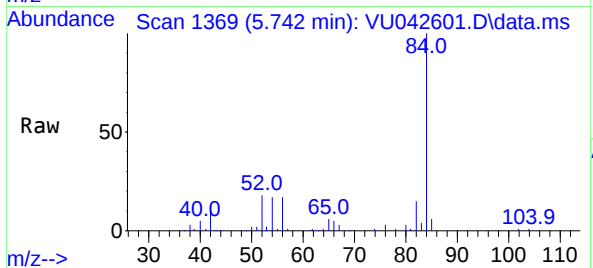




#33
Benzene
Concen: 0.03 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.042 min
Lab File: VU042601.D
Acq: 12 Mar 2021 09:45

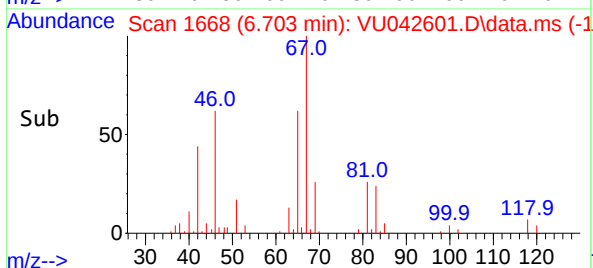
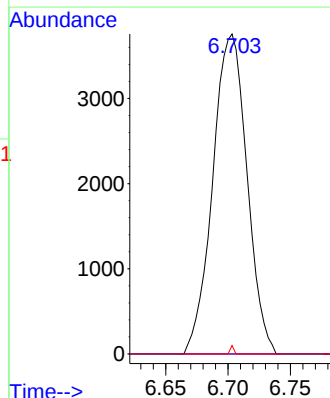
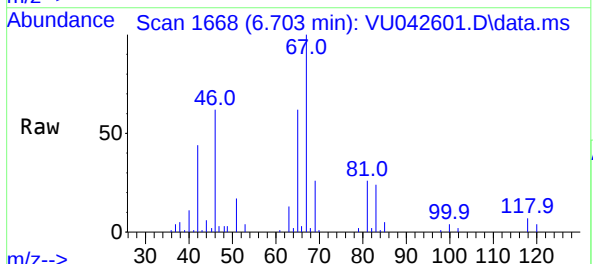
Instrument :
MSVOA_U
ClientSampled :

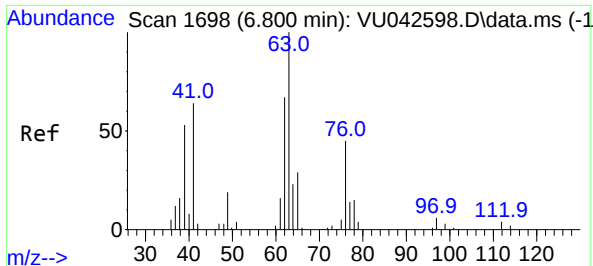
Tgt Ion: 78 Resp: 804



#35
Methylcyclohexane
Concen: 0.69 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.068 min
Lab File: VU042601.D
Acq: 12 Mar 2021 09:45

Tgt Ion: 83 Resp: 7188
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.3 39.7 59.5#

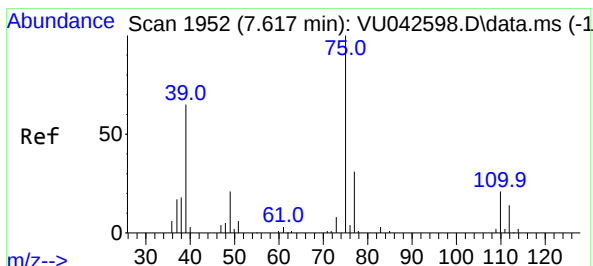
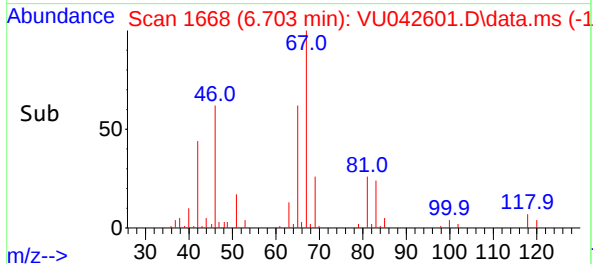
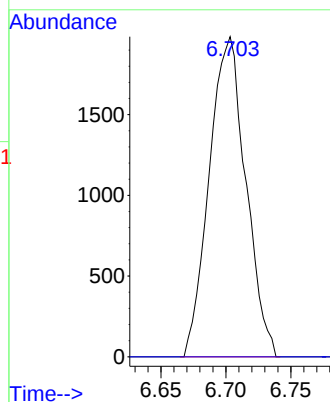
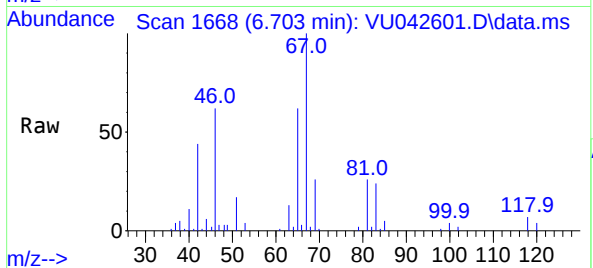




#37
1,2-Dichloropropane
Concen: 0.58 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.096 min
Lab File: VU042601.D
Acq: 12 Mar 2021 09:45

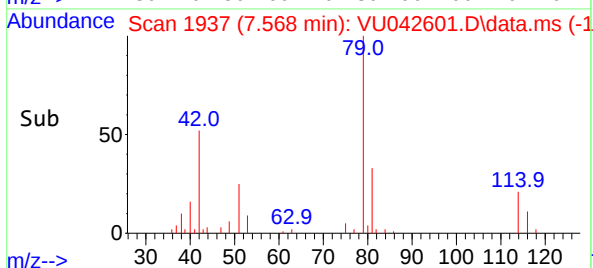
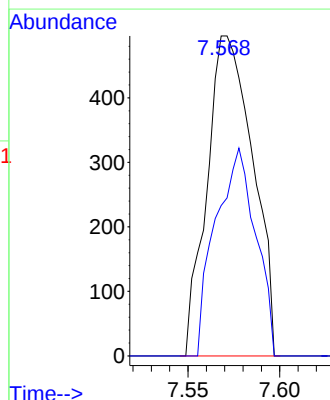
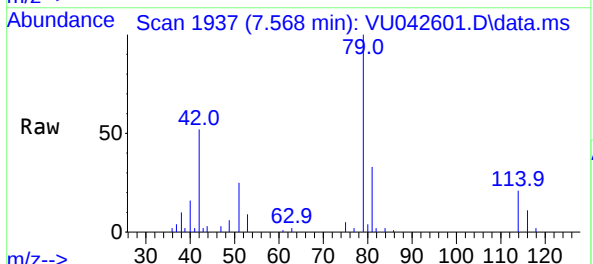
Instrument :
MSVOA_U
ClientSampled :

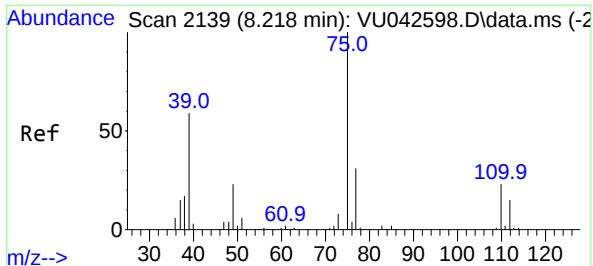
Tgt Ion: 63 Resp: 3876
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.048 min
Lab File: VU042601.D
Acq: 12 Mar 2021 09:45

Tgt Ion: 75 Resp: 864
Ion Ratio Lower Upper
75 100
77 47.0 22.0 40.8#

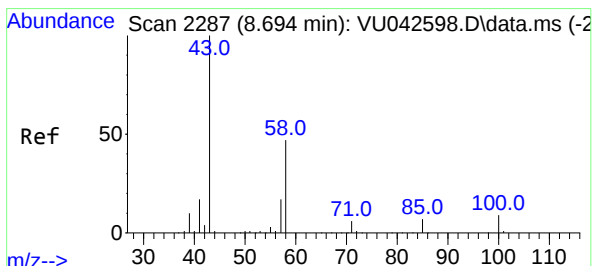
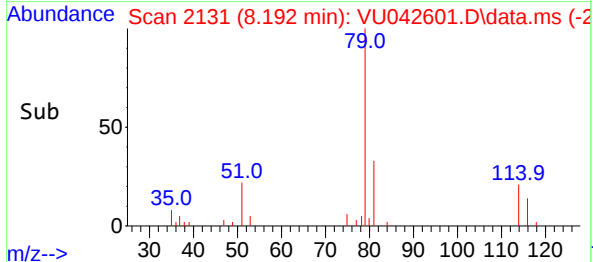
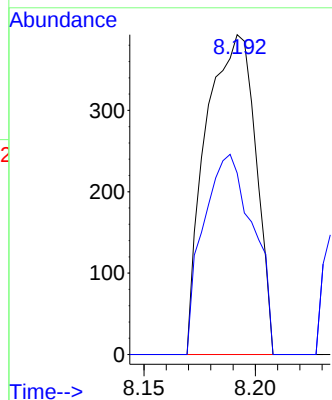
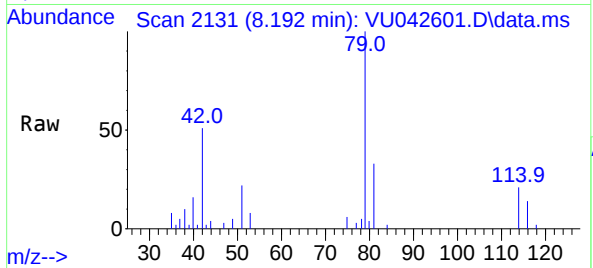




#44
trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.192 min Scan# 2131
Delta R.T. -0.026 min
Lab File: VU042601.D
Acq: 12 Mar 2021 09:45

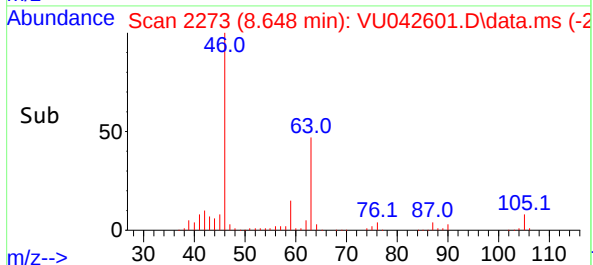
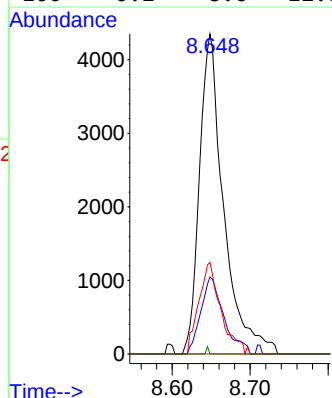
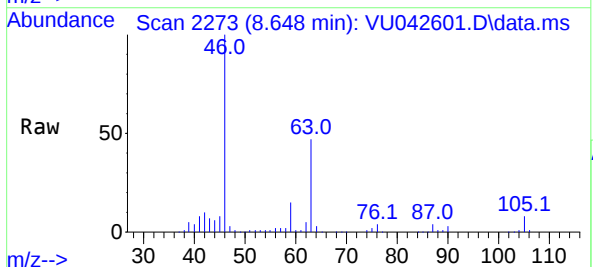
Instrument :
MSVOA_U
ClientSampled :

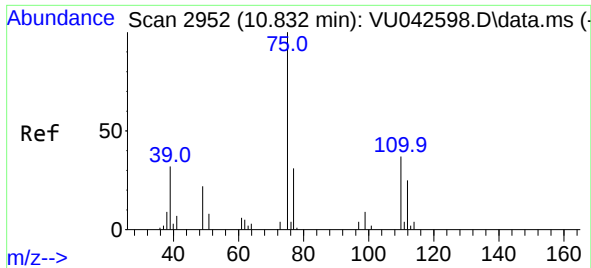
Tgt Ion: 75 Resp: 610
Ion Ratio Lower Upper
75 100
77 56.7 21.8 40.4#



#48
2-Hexanone
Concen: 2.18 ug/L
RT: 8.648 min Scan# 2273
Delta R.T. -0.045 min
Lab File: VU042601.D
Acq: 12 Mar 2021 09:45

Tgt Ion: 43 Resp: 9359
Ion Ratio Lower Upper
43 100
58 22.9 40.6 61.0#
57 26.2 14.9 22.3#
100 0.2 8.6 12.8#





#59
1,2,3-Trichloropropane
Concen: 0.92 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042601.D
Acq: 12 Mar 2021 09:45

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 4623
Ion Ratio Lower Upper
75 100
77 38.9 26.0 39.0

