

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031221\
 Data File : VU042566.D
 Acq On : 11 Mar 2021 16:18
 Operator : SY/MD
 Sample : M1631-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B42

Quant Time: Mar 12 01:32:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 12 01:30:46 2021
 Response via : Initial Calibration

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

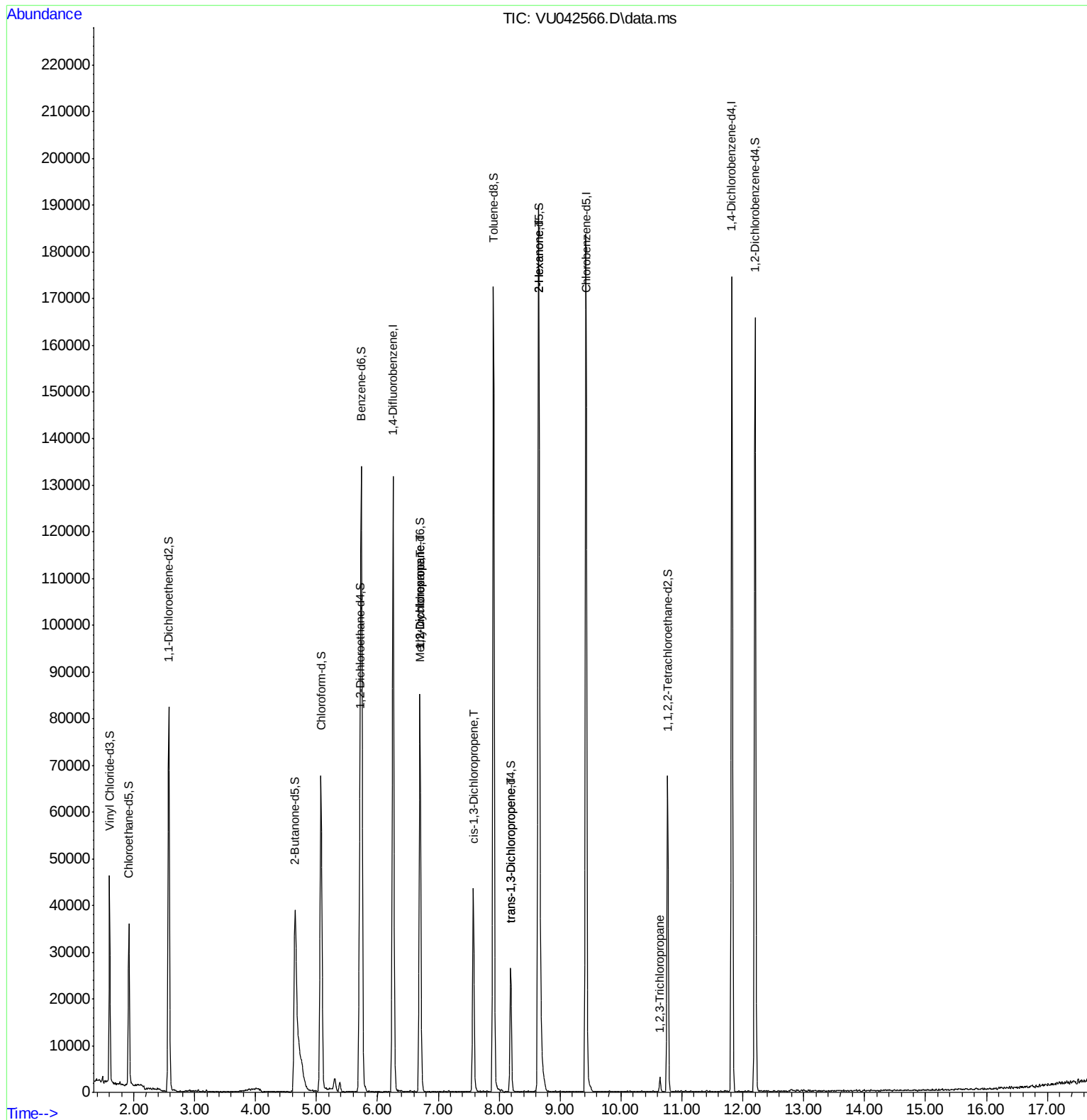
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	101061	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	97992	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	45166	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	29585	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.919	69	23732	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.575	63	50982	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	4.649	46	104033	47.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.06%
24) Chloroform-d	5.073	84	59679	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.713	65	38658	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.735	84	111364	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.700	67	36332	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.906	98	107913	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloroprop...	8.189	79	14600	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.648	63	73368	42.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.64%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	30799	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	40557	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%
Target Compounds						
35) Methylcyclohexane	6.697	83	8218	0.64	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	4303	0.52	ug/L #	87
39) cis-1,3-Dichloropropene	7.574	75	1157	0.10	ug/L #	47
44) trans-1,3-Dichloropropene	8.189	75	570	0.05	ug/L #	37
48) 2-Hexanone	8.645	43	11697	2.20	ug/L #	68
59) 1,2,3-Trichloropropane	10.639	75	501	0.08	ug/L #	42

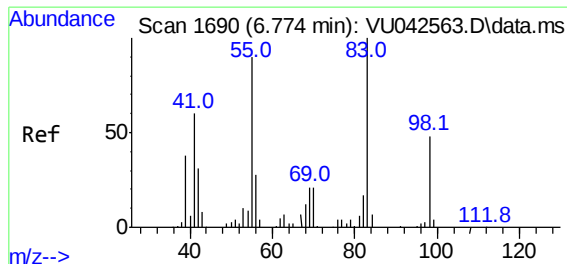
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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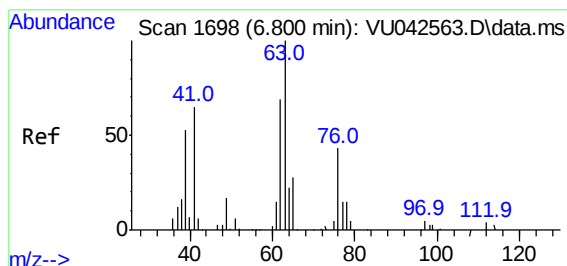
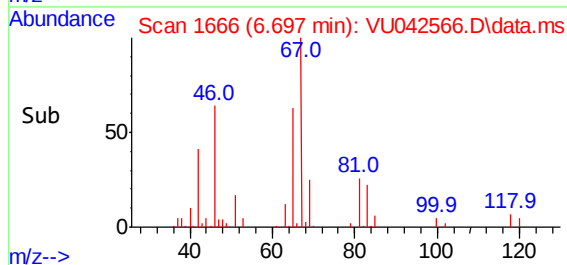
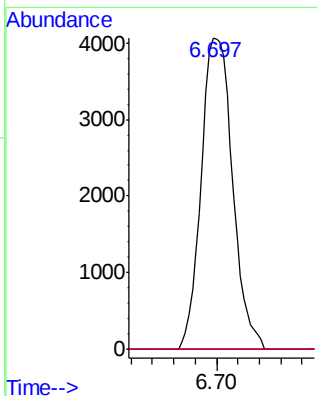
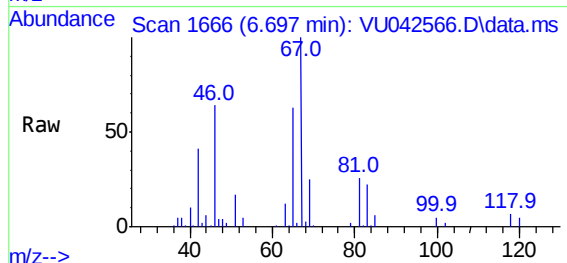




#35
Methylcyclohexane
Concen: 0.64 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.077 min
Lab File: VU042566.D
Acq: 11 Mar 2021 16:18

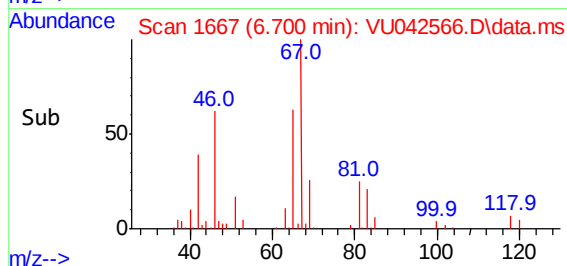
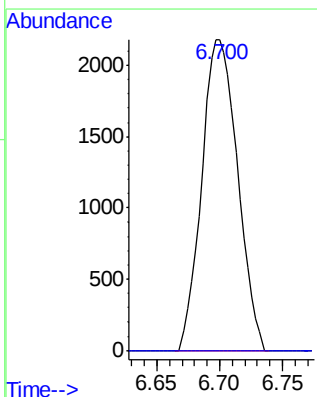
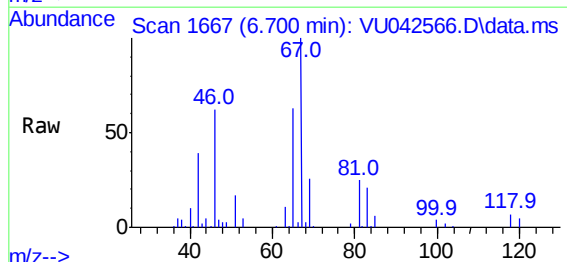
Instrument :
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ClientSampleId :
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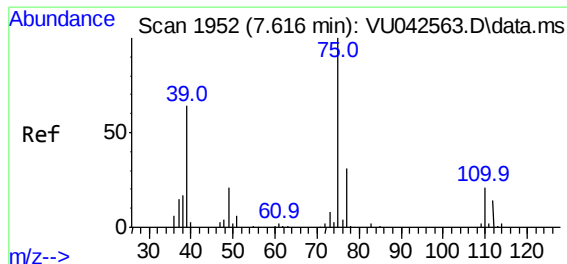
Tgt Ion: 83 Resp: 8218
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.52 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042566.D
Acq: 11 Mar 2021 16:18

Tgt Ion: 63 Resp: 4303
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

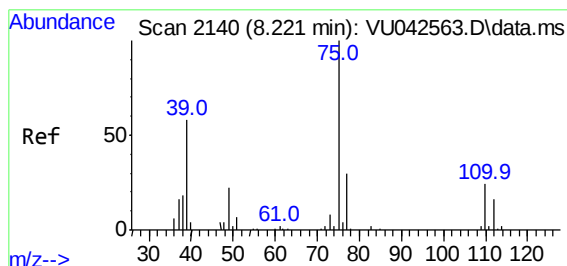
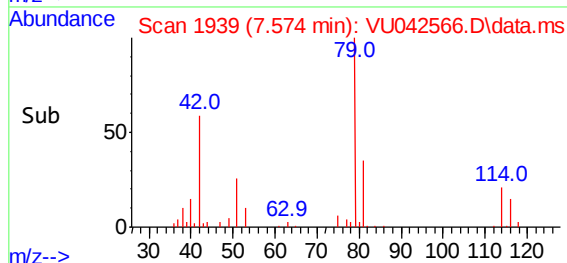
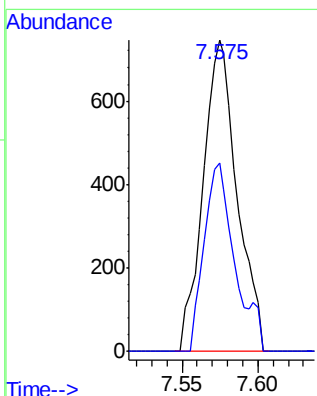
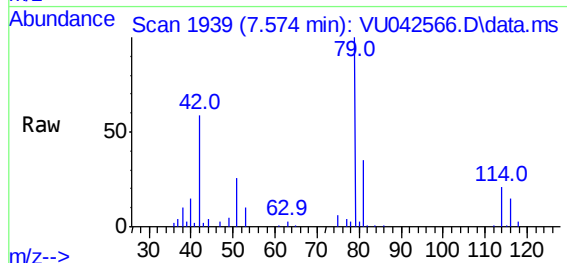




#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042566.D
Acq: 11 Mar 2021 16:18

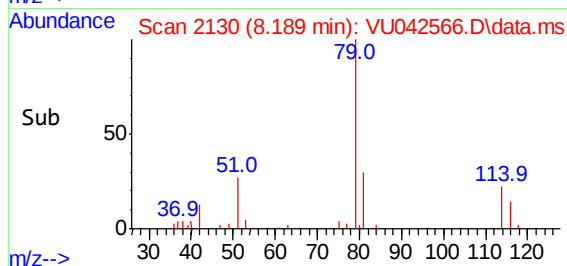
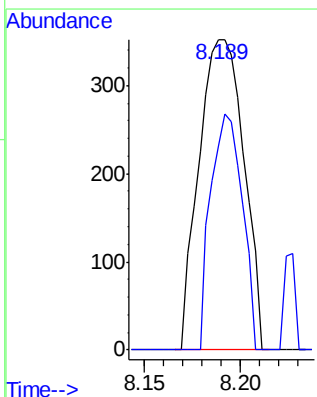
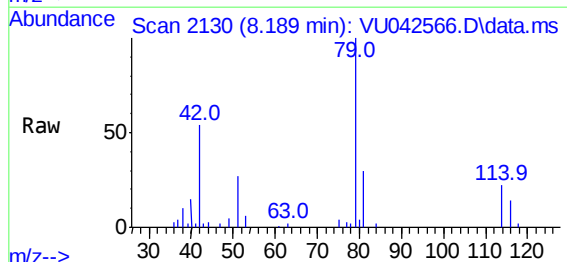
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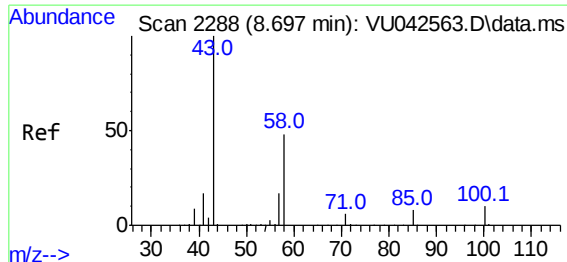
Tgt Ion: 75 Resp: 1157
Ion Ratio Lower Upper
75 100
77 60.5 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.05 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.032 min
Lab File: VU042566.D
Acq: 11 Mar 2021 16:18

Tgt Ion: 75 Resp: 570
Ion Ratio Lower Upper
75 100
77 65.6 21.8 40.4#

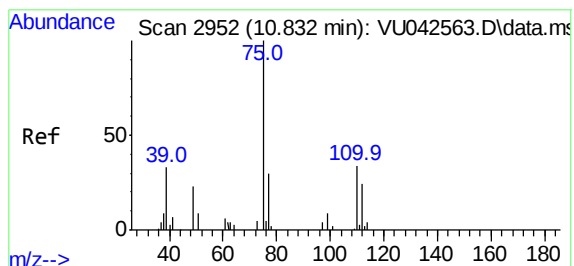
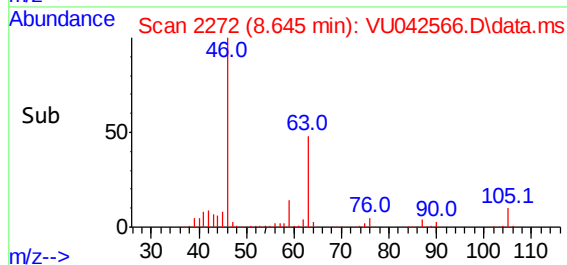
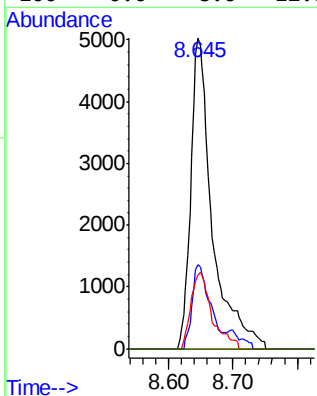
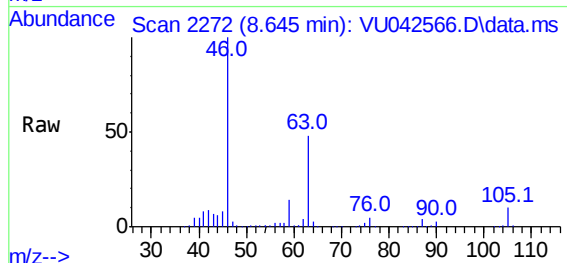




#48
2-Hexanone
Concen: 2.20 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.052 min
Lab File: VU042566.D
Acq: 11 Mar 2021 16:18

Instrument :
MSVOA_U
ClientSampleId :
C0B42

Tgt Ion:	43	Resp:	11697
Ion	Ratio	Lower	Upper
43	100		
58	22.5	40.6	61.0#
57	24.1	14.9	22.3#
100	0.0	8.6	12.8#



#59
1,2,3-Trichloropropane
Concen: 0.08 ug/L
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU042566.D
Acq: 11 Mar 2021 16:18

Tgt Ion:	75	Resp:	501
Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.0	39.0#

