

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042221\
 Data File : VU043290.D
 Acq On : 22 Apr 2021 20:00
 Operator : SY/MD
 Sample : M2127-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4505DL

Quant Time: Apr 22 23:44:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 22 23:39:31 2021
 Response via : Initial Calibration

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

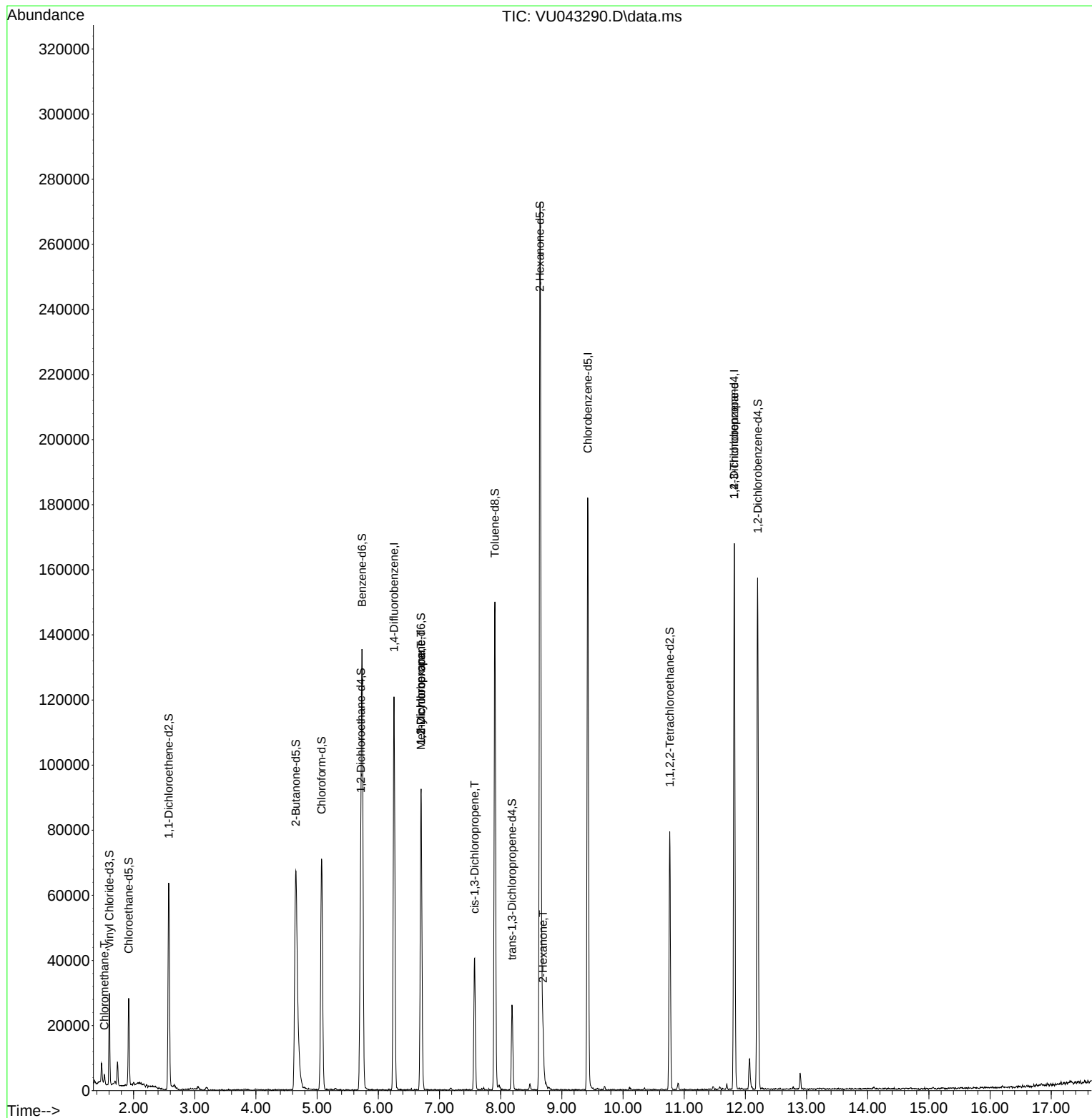
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	89262	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	89628	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	39824	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	17952	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.919	69	17979	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.20%
11) 1,1-Dichloroethene-d2	2.575	65	12548	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.60%
20) 2-Butanone-d5	4.652	46	139853	70.25	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	140.50%#
24) Chloroform-d	5.073	84	62353	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
26) 1,2-Dichloroethane-d4	5.713	65	42689	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.40%
32) Benzene-d6	5.735	84	108638	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
36) 1,2-Dichloropropane-d6	6.700	67	38736	5.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.00%
41) Toluene-d8	7.906	98	91585	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloroprop...	8.185	79	13019	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.642	63	83286	54.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.28%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	35922	5.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	38368	5.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.40%
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	1827	0.32	ug/L	83
35) Methylcyclohexane	6.697	83	9061	0.99	ug/L #	19
37) 1,2-Dichloropropane	6.700	63	4593	0.68	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	1160	0.12	ug/L #	78
48) 2-Hexanone	8.693	43	7632	1.72	ug/L #	79
61) 1,2,3-Trichloropropane	11.819	75	5300	1.29	ug/L #	62

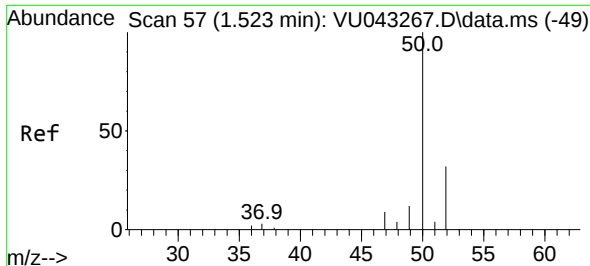
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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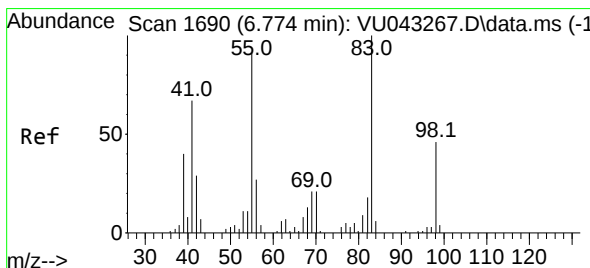
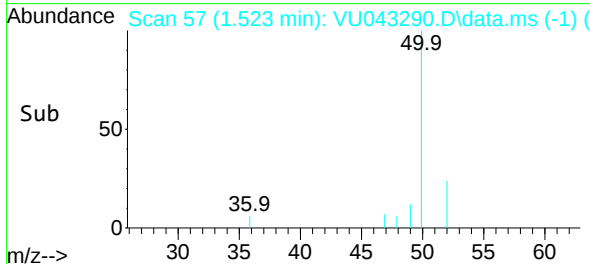
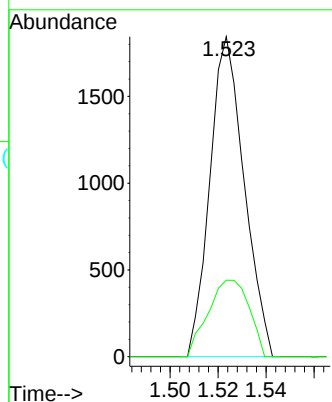
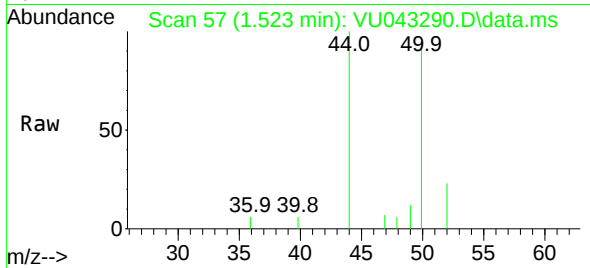




#3
Chloromethane
Concen: 0.32 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU043290.D
Acq: 22 Apr 2021 20:00

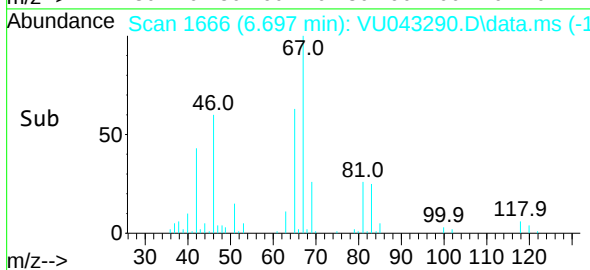
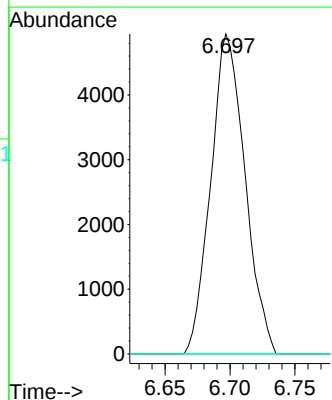
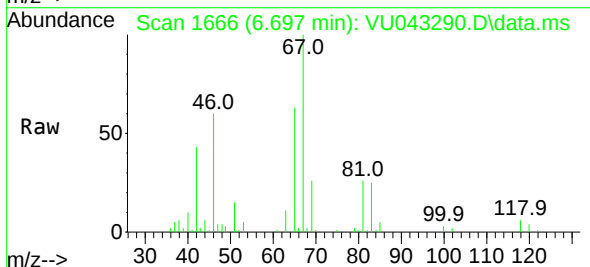
Instrument :
MSVOA_U
ClientSampled :
H4505DL

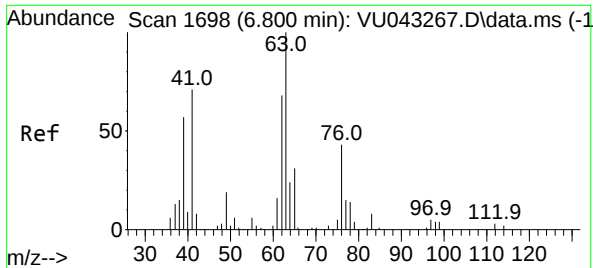
Tgt Ion: 50 Resp: 1827
Ion Ratio Lower Upper
50 100
52 23.9 23.6 43.8



#35
Methylcyclohexane
Concen: 0.99 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.077 min
Lab File: VU043290.D
Acq: 22 Apr 2021 20:00

Tgt Ion: 83 Resp: 9061
Ion Ratio Lower Upper
83 100
55 0.0 59.5 89.3#
98 0.0 37.9 56.9#

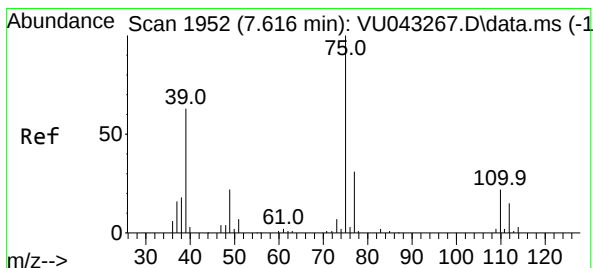
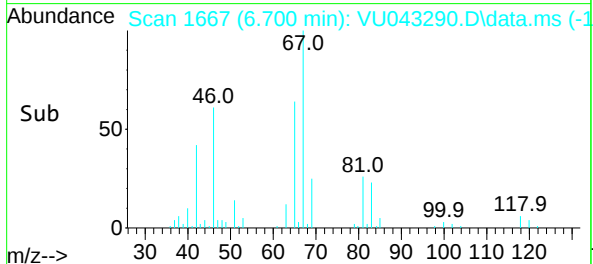
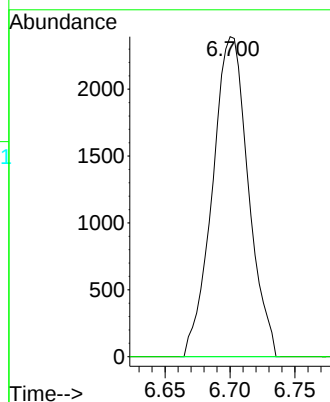
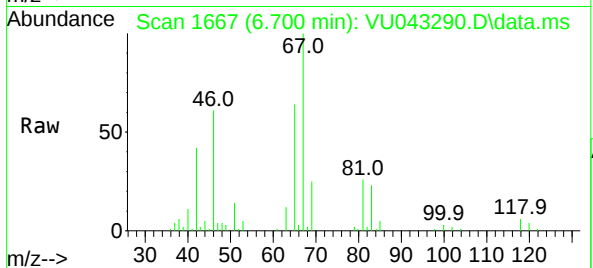




#37
1,2-Dichloropropane
Concen: 0.68 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043290.D
Acq: 22 Apr 2021 20:00

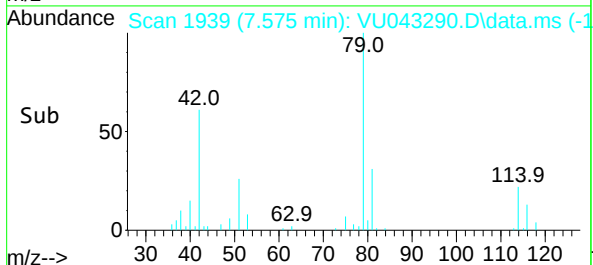
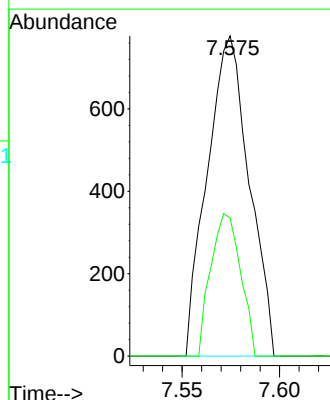
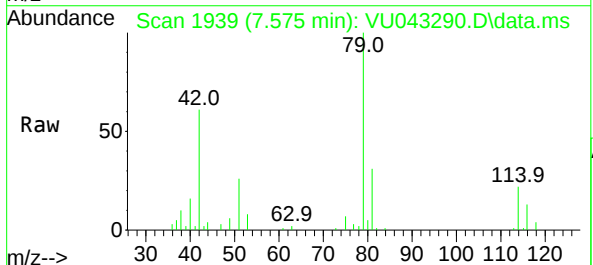
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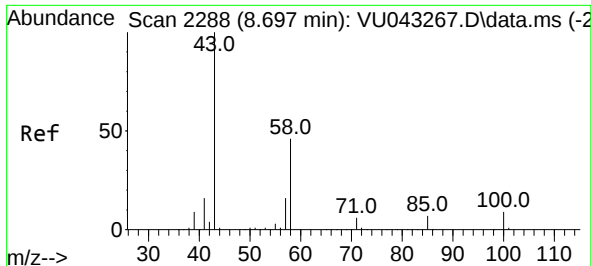
Tgt Ion: 63 Resp: 4593
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043290.D
Acq: 22 Apr 2021 20:00

Tgt Ion: 75 Resp: 1160
Ion Ratio Lower Upper
75 100
77 43.1 21.8 40.6#

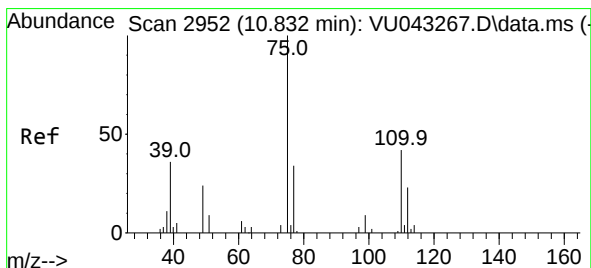
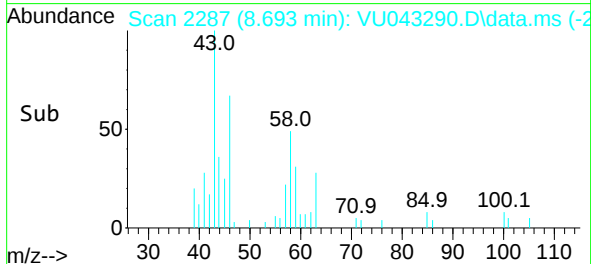
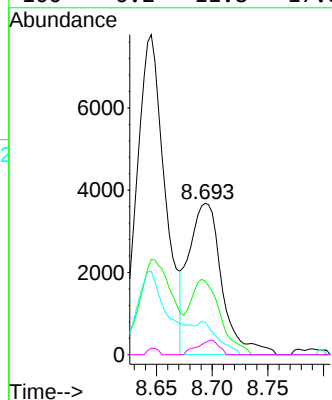
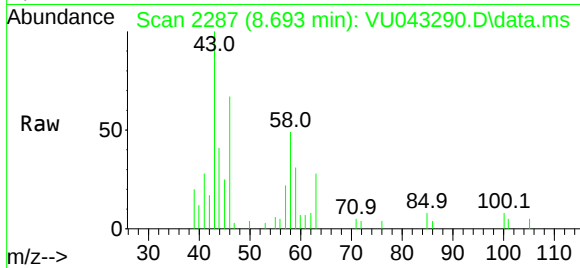




#48
2-Hexanone
Concen: 1.72 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU043290.D
Acq: 22 Apr 2021 20:00

Instrument :
MSVOA_U
ClientSampled :
H4505DL

Tgt Ion: 43	Resp: 7632
Ion Ratio	Lower Upper
43 100	
58 44.8	50.0 75.0#
57 13.5	17.4 26.0#
100 6.2	11.8 17.8#



#61
1,2,3-Trichloropropane
Concen: 1.29 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU043290.D
Acq: 22 Apr 2021 20:00

Tgt Ion: 75	Resp: 5300
Ion Ratio	Lower Upper
75 100	
110 2.9	31.5 47.3#
77 39.4	26.3 39.5

