

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102021\
 Data File : VU045342.D
 Acq On : 20 Oct 2021 12:50
 Operator : SY/MD
 Sample : VU1020MBL05
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 21 01:58:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 21 01:57:14 2021
 Response via : Initial Calibration

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

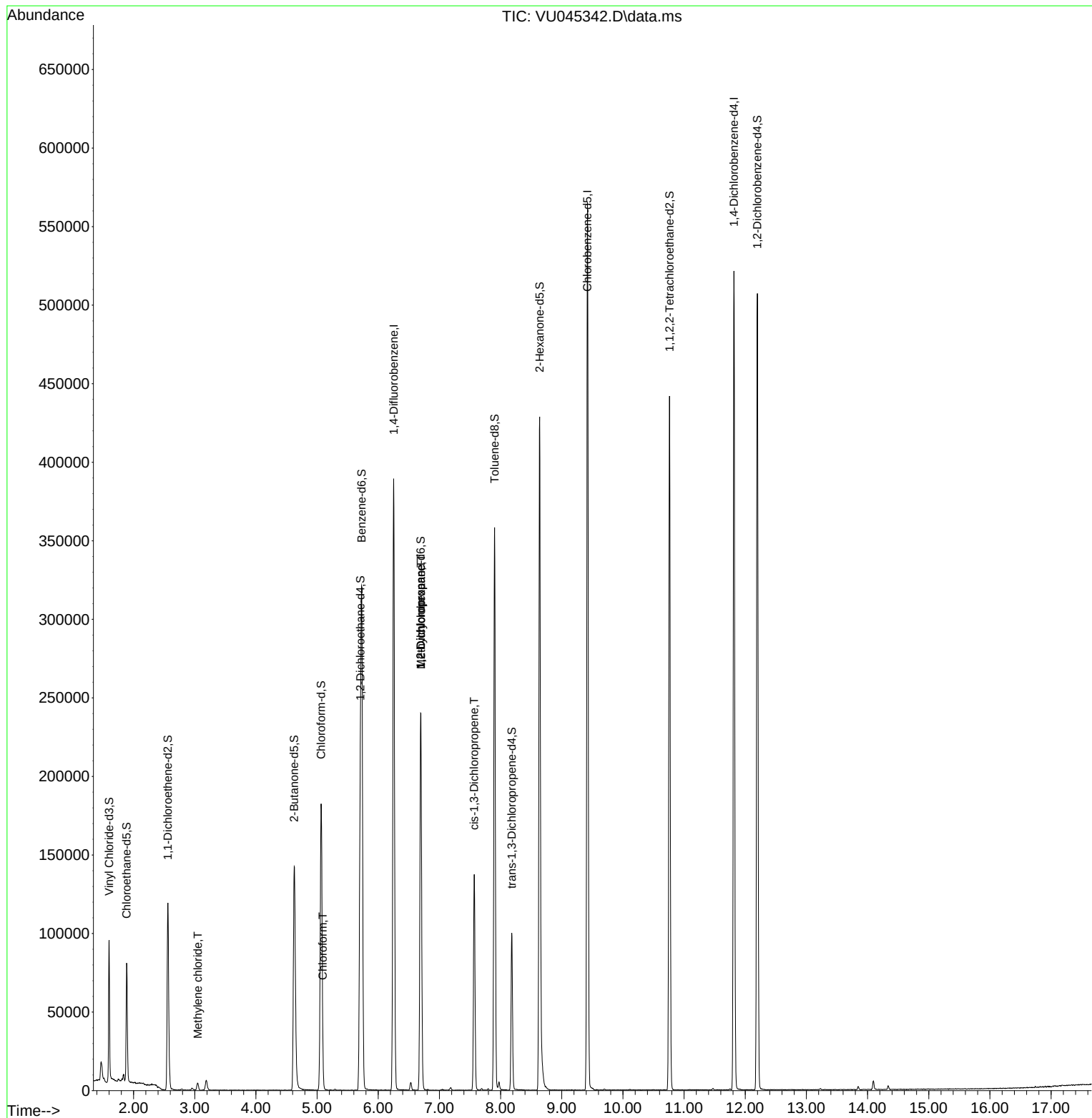
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	305313	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	297367	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	131103	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	58984	44.348	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.700%
7) Chloroethane-d5	1.887	69	58964	46.393	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.780%
11) 1,1-Dichloroethene-d2	2.559	63	73189	27.637	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.280%#
21) 2-Butanone-d5	4.626	46	206843	104.189	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.190%
24) Chloroform-d	5.066	84	165305	46.733	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.460%
26) 1,2-Dichloroethane-d4	5.706	65	119288	49.336	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.680%
32) Benzene-d6	5.729	84	282704	50.545	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.100%
36) 1,2-Dichloropropane-d6	6.693	67	113508	52.207	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.420%
41) Toluene-d8	7.902	98	229389	48.084	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.160%
43) trans-1,3-Dichloroprop...	8.182	79	53956	48.891	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.780%
47) 2-Hexanone-d5	8.639	63	150647	110.431	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.430%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	220968	53.760	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.520%
66) 1,2-Dichlorobenzene-d4	12.198	152	126388	55.563	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.120%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.050	84	2427	0.949	ug/L	97
25) Chloroform	5.092	83	3372	0.760	ug/L	90
35) Methylcyclohexane	6.697	83	26872	7.494	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	12239	4.861	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3093	0.821	ug/L #	36

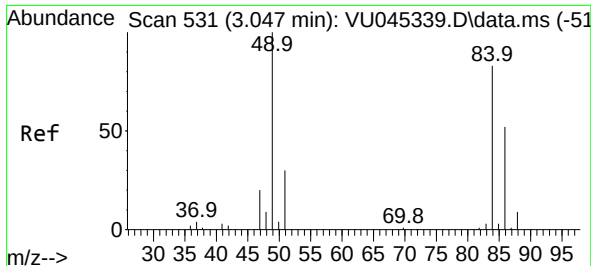
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 21 01:58:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101921WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 21 01:57:14 2021
Response via : Initial Calibration

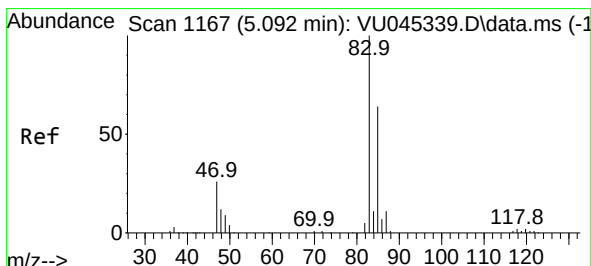
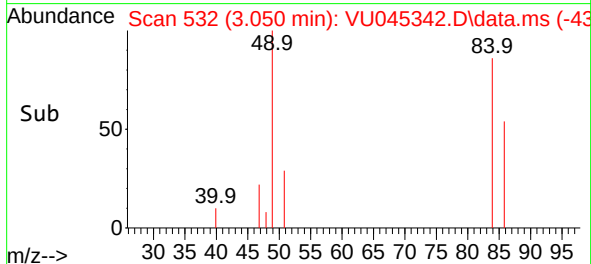
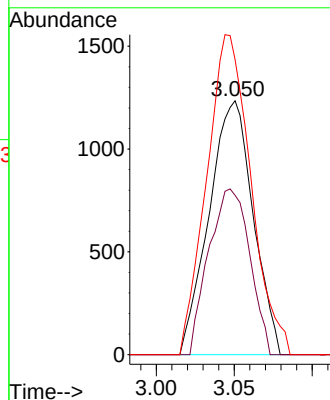
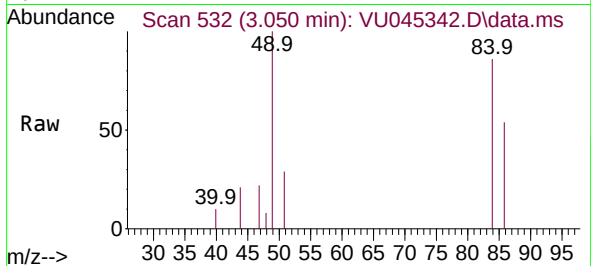




#16
Methylene chloride
Concen: 0.949 ug/L
RT: 3.050 min Scan# 532
Delta R.T. 0.003 min
Lab File: VU045342.D
Acq: 20 Oct 2021 12:50

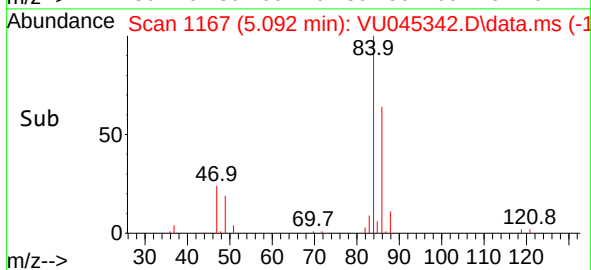
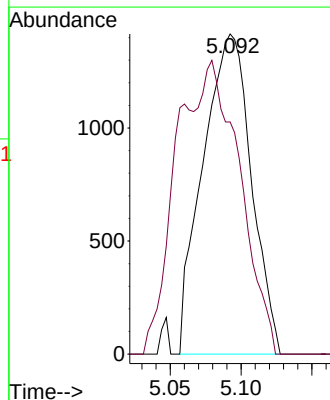
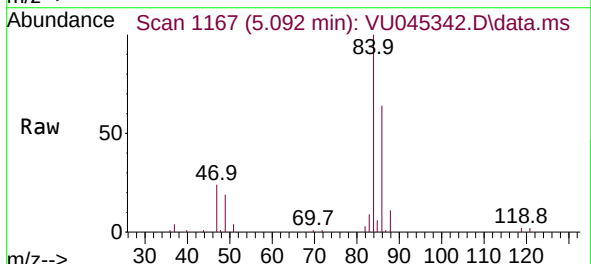
Instrument :
MSVOA_U
ClientSampled :

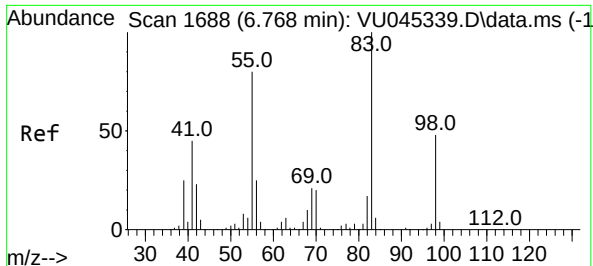
Tgt Ion: 84 Resp: 2427
Ion Ratio Lower Upper
84 100
86 62.8 44.1 81.9
49 116.2 84.2 156.4



#25
Chloroform
Concen: 0.760 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VU045342.D
Acq: 20 Oct 2021 12:50

Tgt Ion: 83 Resp: 3372
Ion Ratio Lower Upper
83 100
85 72.5 45.4 84.2





#35

Methylcyclohexane

Concen: 7.494 ug/L

RT: 6.697 min Scan# 1666

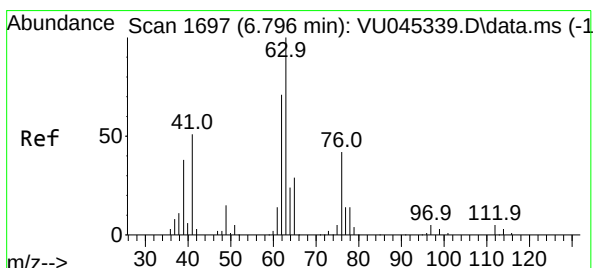
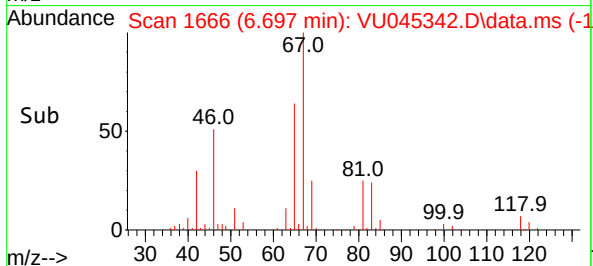
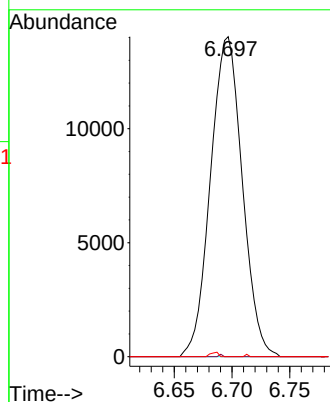
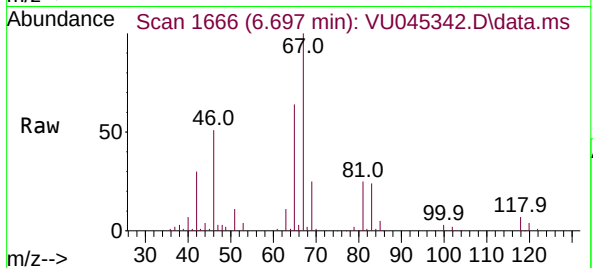
Delta R.T. -0.071 min

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Tgt Ion:	83	Resp:	26872
Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.4	95.0#
98	0.3	37.9	56.9#

Instrument :
MSVOA_U
ClientSampleId :



#37

1,2-Dichloropropane

Concen: 4.861 ug/L

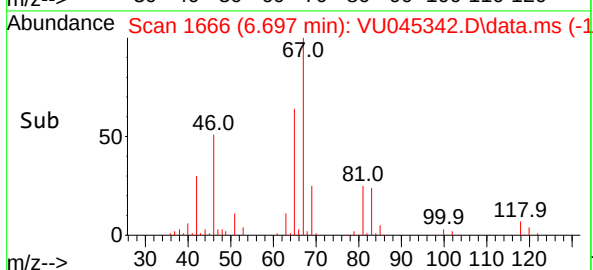
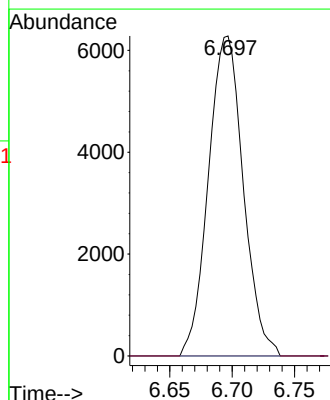
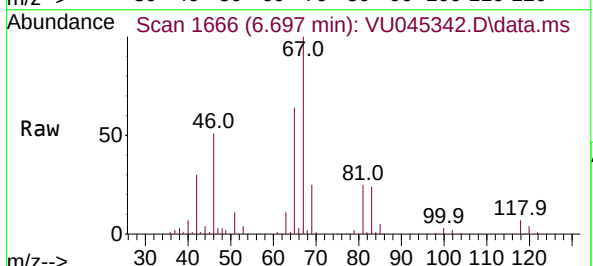
RT: 6.697 min Scan# 1666

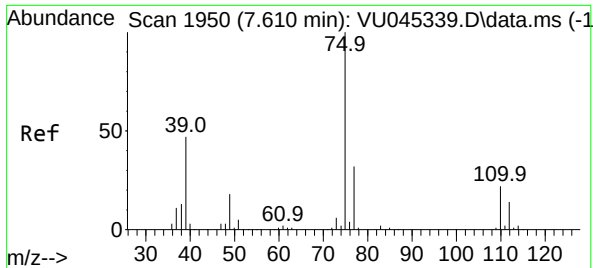
Delta R.T. -0.100 min

Lab File: VU045342.D

Acq: 20 Oct 2021 12:50

Tgt Ion:	63	Resp:	12239
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#





#39
 cis-1,3-Dichloropropene
 Concen: 0.821 ug/L
 RT: 7.568 min Scan# 1937
 Delta R.T. -0.042 min
 Lab File: VU045342.D
 Acq: 20 Oct 2021 12:50

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 3093
 Ion Ratio Lower Upper
 75 100
 77 65.9 21.6 40.0#

