

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071822\
 Data File : VU049768.D
 Acq On : 18 Jul 2022 18:24
 Operator : SY/MD
 Sample : N3700-12ME
 Misc : 4.58g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 19 02:13:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 19 02:09:49 2022
 Response via : Initial Calibration

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

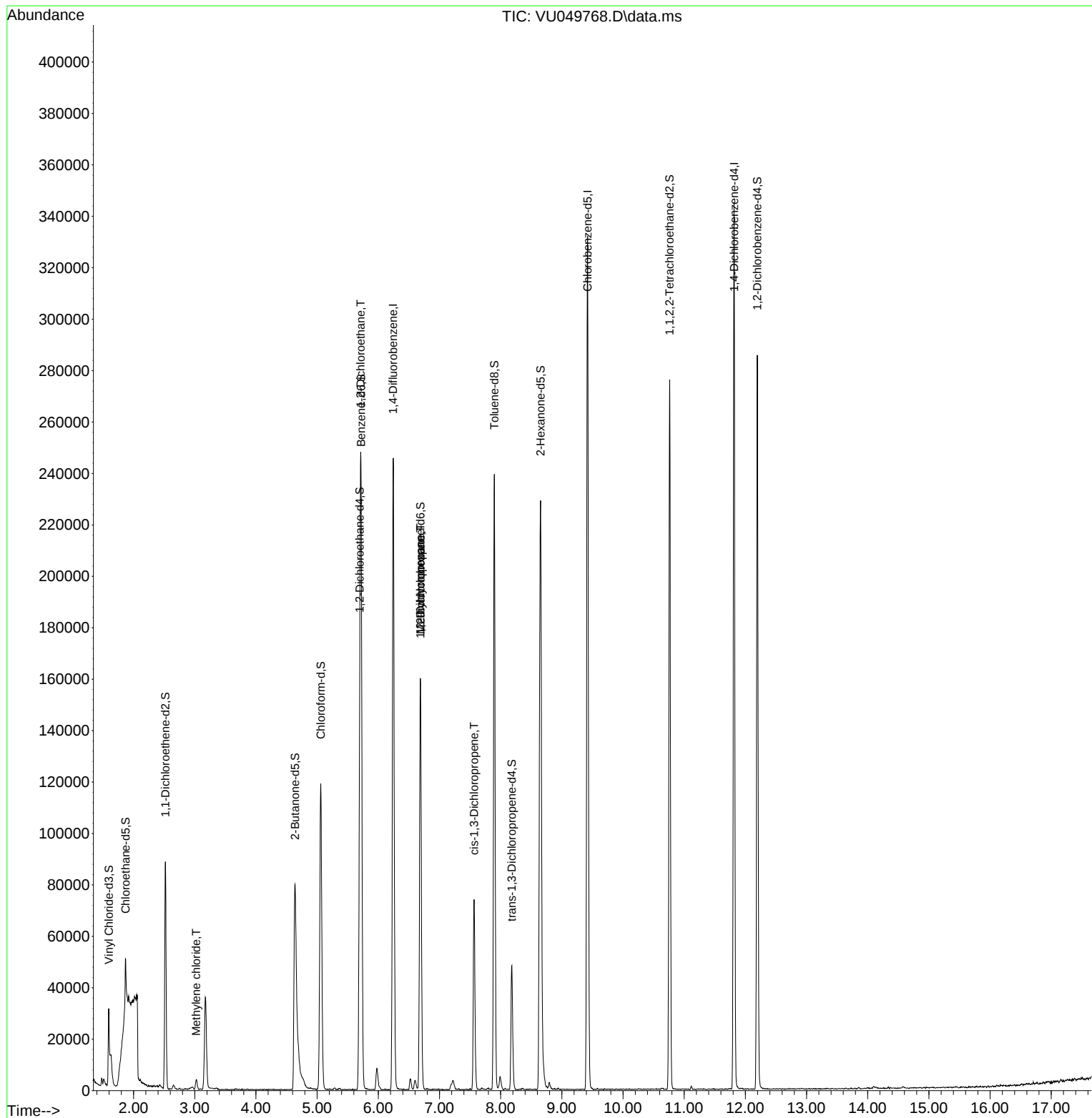
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	193421	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	187934	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	85555	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	29777	18.246	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	36.500%#
7) Chloroethane-d5	1.867	69	21486	18.214	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	36.420%#
11) 1,1-Dichloroethene-d2	2.520	63	54766	18.998	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	38.000%#
21) 2-Butanone-d5	4.639	46	159022	114.144	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.140%
24) Chloroform-d	5.060	84	114116	39.480	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.960%
26) 1,2-Dichloroethane-d4	5.697	65	86218	44.072	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.140%
32) Benzene-d6	5.719	84	196063	34.340	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	68.680%#
36) 1,2-Dichloropropane-d6	6.687	67	79689	41.496	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.000%
41) Toluene-d8	7.896	98	156582	31.493	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	62.980%#
43) trans-1,3-Dichloroprop...	8.182	79	29774	36.799	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.600%
47) 2-Hexanone-d5	8.652	63	98317	113.814	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.810%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	137877	51.312	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.620%
66) 1,2-Dichlorobenzene-d4	12.195	152	69330	42.980	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.960%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.022	84	2053	1.179	ug/L	82
27) 1,2-Dichloroethane	5.713	62	1273	0.473	ug/L #	76
35) Methylcyclohexane	6.687	83	17680	6.589	ug/L #	18
37) 1,2-Dichloropropane	6.690	63	8802	4.495	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	2188	0.829	ug/L #	67

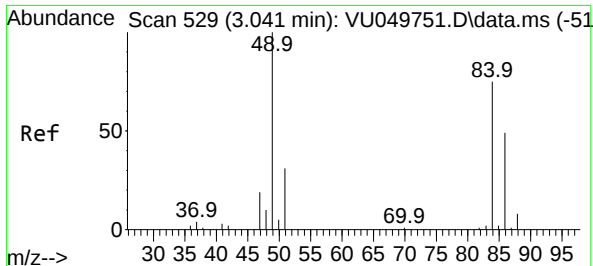
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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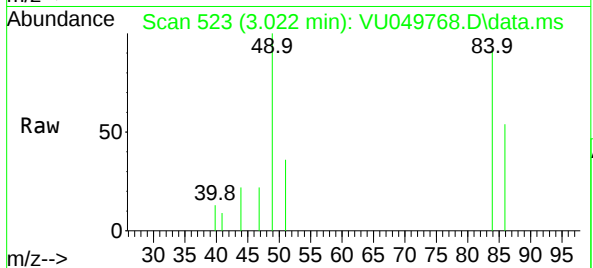
Quant Time: Jul 19 02:13:03 2022
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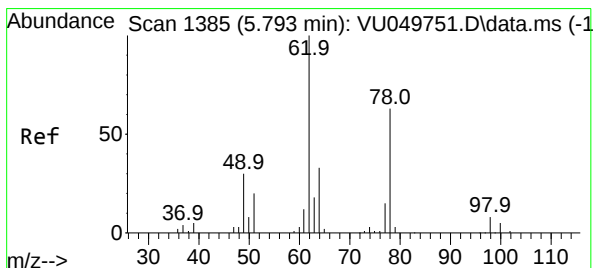
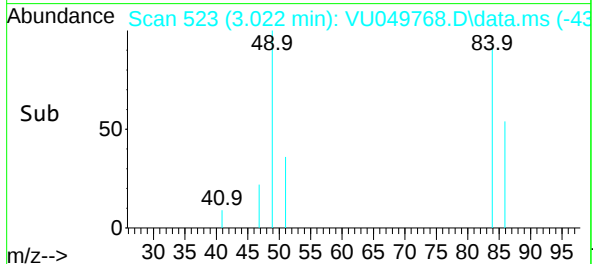
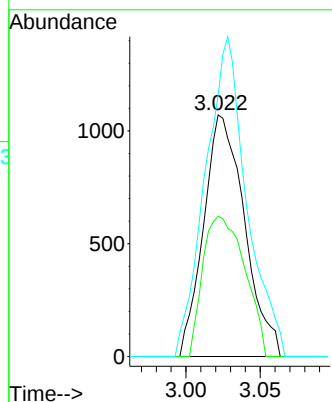


#16
Methylene chloride
Concen: 1.179 ug/L
RT: 3.022 min Scan# 51
Delta R.T. -0.019 min
Lab File: VU049768.D
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MSVOA_U
ClientSampleId :

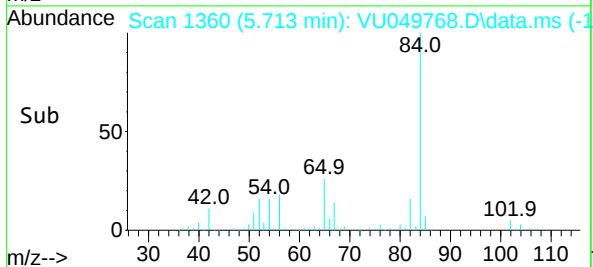
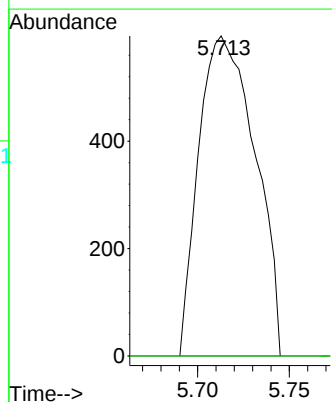
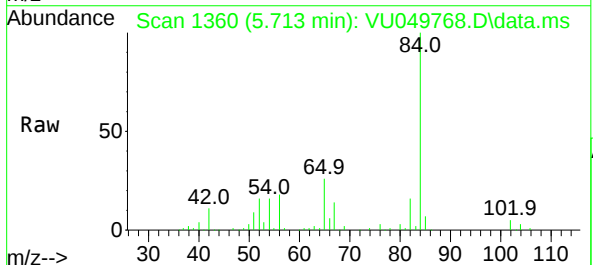


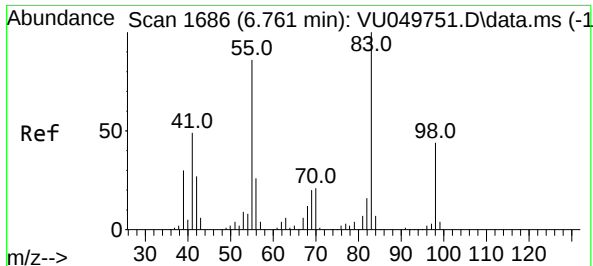
Tgt Ion: 84 Resp: 2053
Ion Ratio Lower Upper
84 100
86 58.1 45.6 84.6
49 108.1 94.4 175.4



#27
1,2-Dichloroethane
Concen: 0.473 ug/L
RT: 5.713 min Scan# 1360
Delta R.T. -0.080 min
Lab File: VU049768.D
Acq: 18 Jul 2022 18:24

Tgt Ion: 62 Resp: 1273
Ion Ratio Lower Upper
62 100
98 0.0 6.7 10.1#

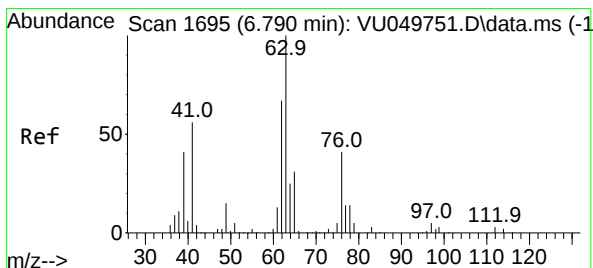
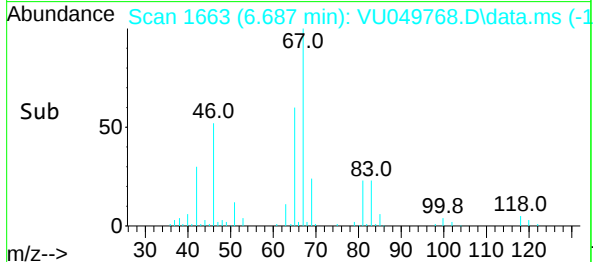
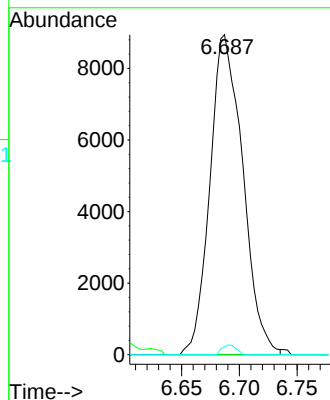
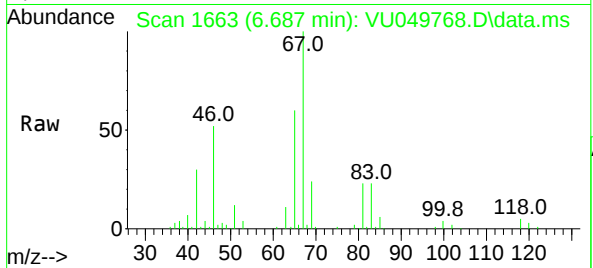




#35
Methylcyclohexane
Concen: 6.589 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU049768.D
Acq: 18 Jul 2022 18:24

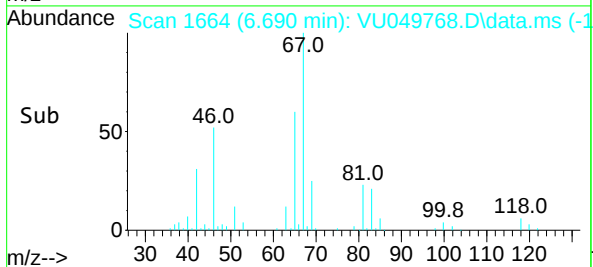
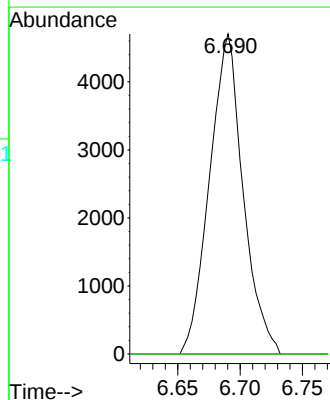
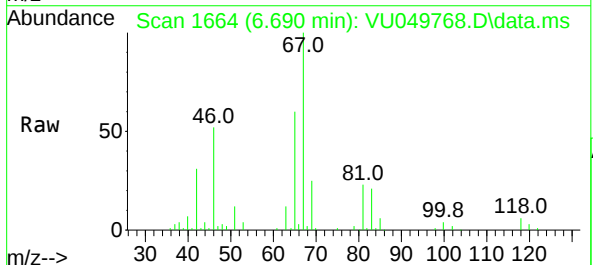
Instrument :
MSVOA_U
ClientSampleId :

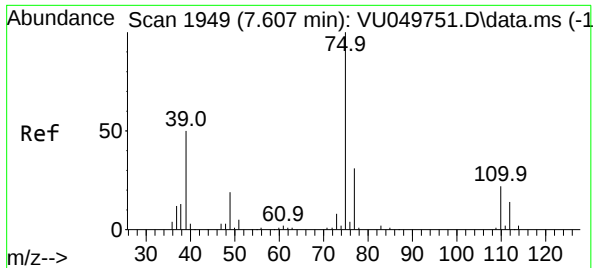
Tgt Ion: 83 Resp: 17680
Ion Ratio Lower Upper
83 100
55 0.8 66.0 99.0#
98 1.3 34.6 51.8#



#37
1,2-Dichloropropane
Concen: 4.495 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU049768.D
Acq: 18 Jul 2022 18:24

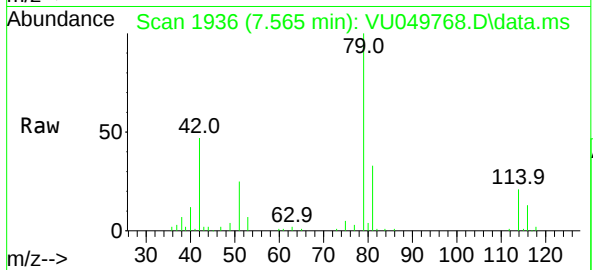
Tgt Ion: 63 Resp: 8802
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#39
 cis-1,3-Dichloropropene
 Concen: 0.829 ug/L
 RT: 7.565 min Scan# 1949
 Delta R.T. -0.042 min
 Lab File: VU049768.D
 Acq: 18 Jul 2022 18:24

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 2188
 Ion Ratio Lower Upper
 75 100
 77 50.7 22.6 42.0#

