

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071122\
 Data File : VU049676.D
 Acq On : 11 Jul 2022 15:21
 Operator : SY/MD
 Sample : N3639-02 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL67

Quant Time: Jul 12 02:34:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 12 02:23:25 2022
 Response via : Initial Calibration

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

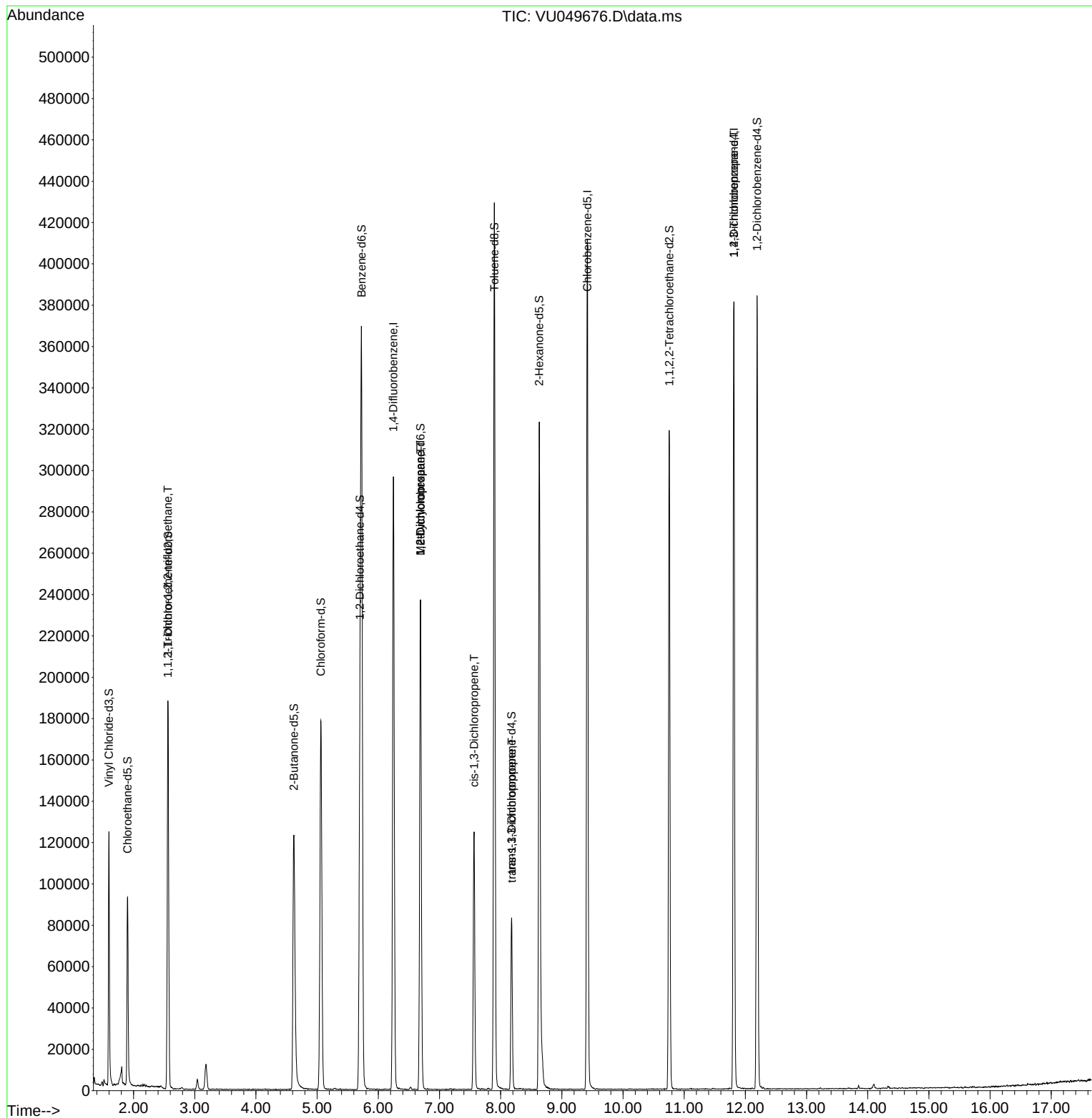
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	227106	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	211714	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	94792	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	87340	45.580	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	91.160%	
7) Chloroethane-d5	1.900	69	67021	48.387	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	96.780%	
11) 1,1-Dichloroethene-d2	2.562	63	115129	34.014	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	68.020%	
21) 2-Butanone-d5	4.620	46	176893	108.139	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	108.140%	
24) Chloroform-d	5.060	84	165208	48.678	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.360%	
26) 1,2-Dichloroethane-d4	5.700	65	114731	49.949	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.900%	
32) Benzene-d6	5.726	84	317811	49.412	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	98.820%	
36) 1,2-Dichloropropane-d6	6.690	67	110875	51.251	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	102.500%	
41) Toluene-d8	7.896	98	269598	48.133	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	96.260%	
43) trans-1,3-Dichloroprop...	8.179	79	44939	49.303	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	98.600%	
47) 2-Hexanone-d5	8.629	63	102865	105.703	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	105.700%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	154504	51.041	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	102.080%	
66) 1,2-Dichlorobenzene-d4	12.192	152	92391	51.694	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	103.380%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	747	0.427	ug/L #	20
35) Methylcyclohexane	6.690	83	24228	8.015	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	12303	5.578	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	3376	1.135	ug/L #	81
44) trans-1,3-Dichloropropene	8.182	75	2104	0.753	ug/L #	82
60) 1,2,3-Trichloropropane	11.812	75	12942	5.126	ug/L #	68

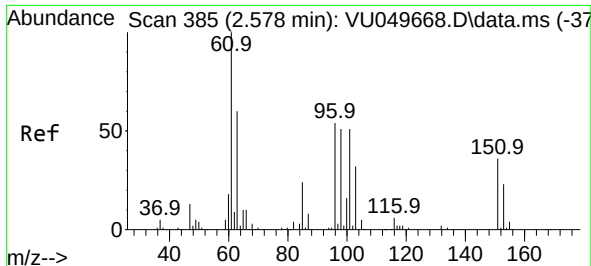
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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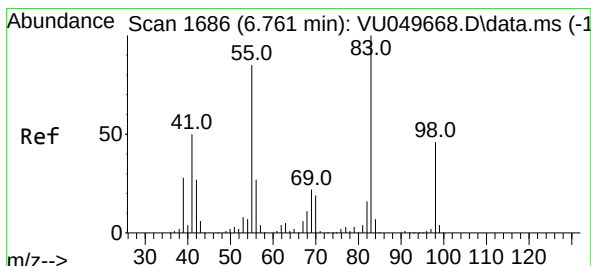
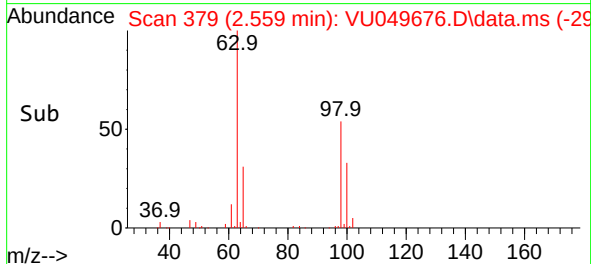
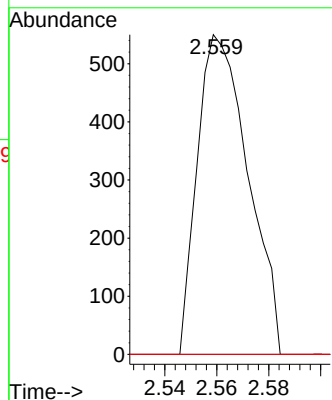
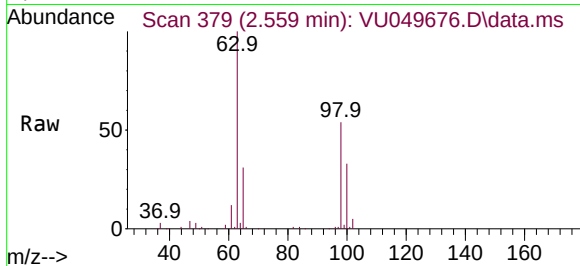




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.427 ug/L
RT: 2.559 min Scan# 31
Delta R.T. -0.019 min
Lab File: VU049676.D
Acq: 11 Jul 2022 15:21

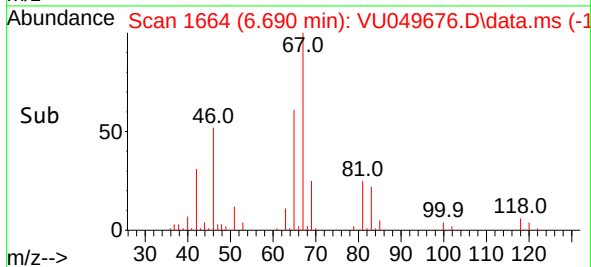
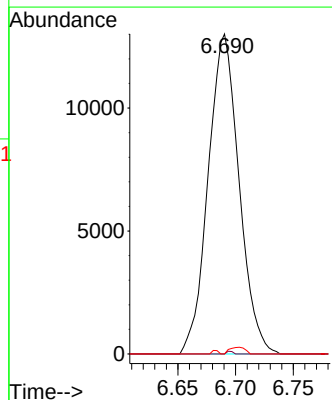
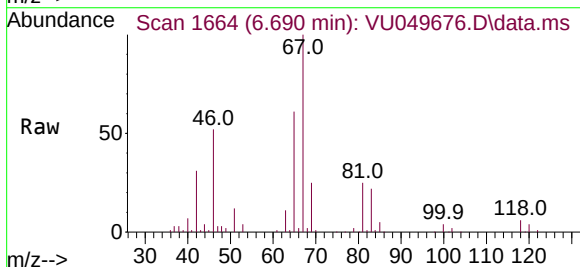
Instrument :
MSVOA_U
ClientSampleId :
COL67

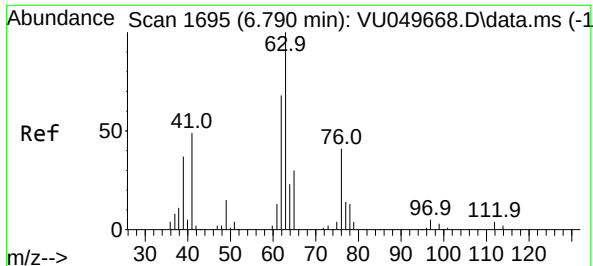
Tgt Ion:101 Resp: 747
Ion Ratio Lower Upper
101 100
85 0.0 37.3 55.9#
151 0.0 56.9 85.3#



#35
Methylcyclohexane
Concen: 8.015 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU049676.D
Acq: 11 Jul 2022 15:21

Tgt Ion: 83 Resp: 24228
Ion Ratio Lower Upper
83 100
55 0.2 66.0 99.0#
98 1.1 34.6 51.8#





#37

1,2-Dichloropropane

Concen: 5.578 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU049676.D

Acq: 11 Jul 2022 15:21

Instrument :

MSVOA_U

ClientSampleId :

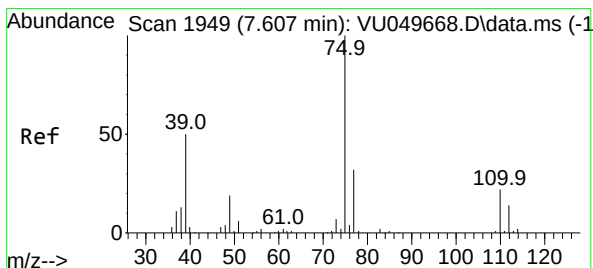
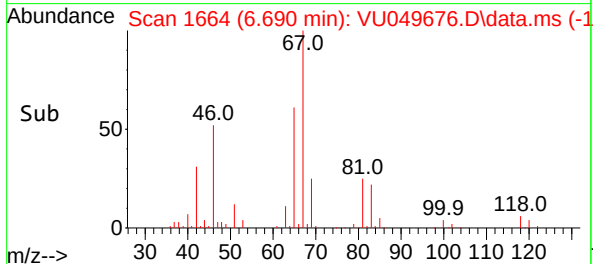
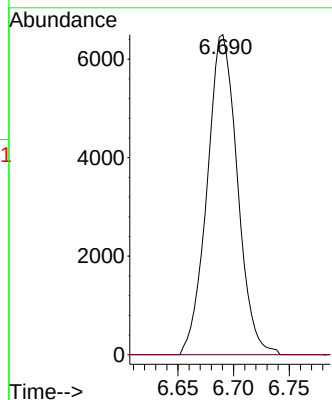
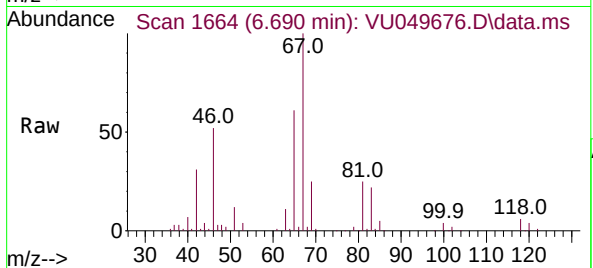
C0L67

Tgt Ion: 63 Resp: 12303

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 1.135 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU049676.D

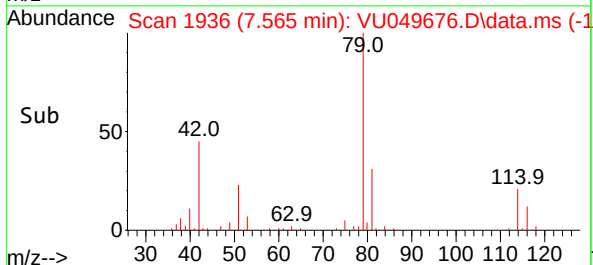
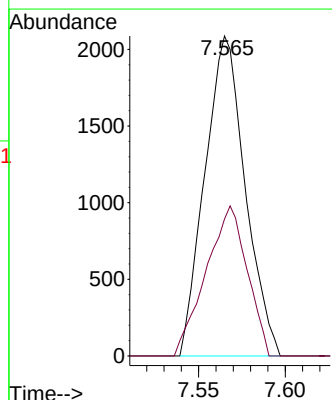
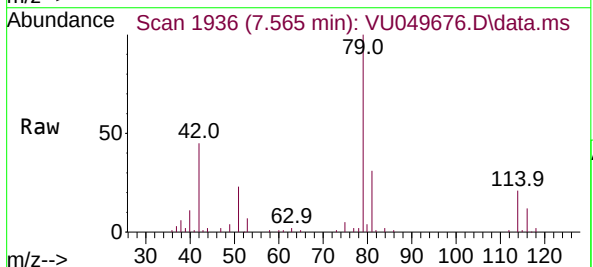
Acq: 11 Jul 2022 15:21

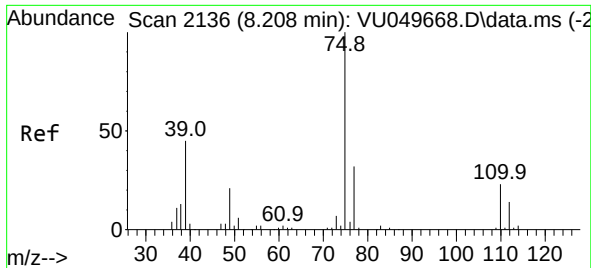
Tgt Ion: 75 Resp: 3376

Ion Ratio Lower Upper

75 100

77 42.8 22.6 42.0#

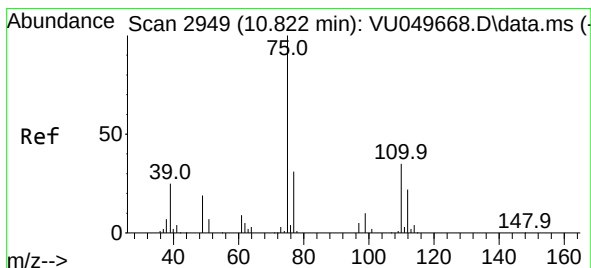
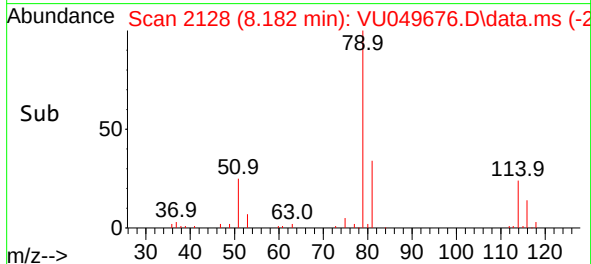
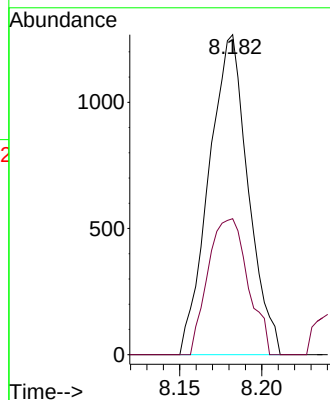
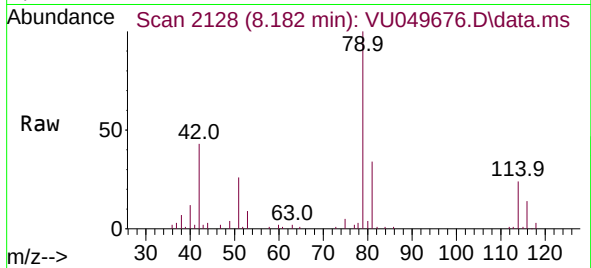




#44
trans-1,3-Dichloropropene
Concen: 0.753 ug/L
RT: 8.182 min Scan# 2136
Delta R.T. -0.026 min
Lab File: VU049676.D
Acq: 11 Jul 2022 15:21

Instrument :
MSVOA_U
ClientSampleId :
COL67

Tgt Ion: 75 Resp: 2104
Ion Ratio Lower Upper
75 100
77 42.5 22.5 41.9#



#60
1,2,3-Trichloropropane
Concen: 5.126 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU049676.D
Acq: 11 Jul 2022 15:21

Tgt Ion: 75 Resp: 12942
Ion Ratio Lower Upper
75 100
77 33.8 25.5 38.3
110 2.2 28.9 43.3#

