

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071822\
 Data File : VU049760.D
 Acq On : 18 Jul 2022 14:52
 Operator : SY/MD
 Sample : N3744-20
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5B81

Quant Time: Jul 19 02:10:55 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)

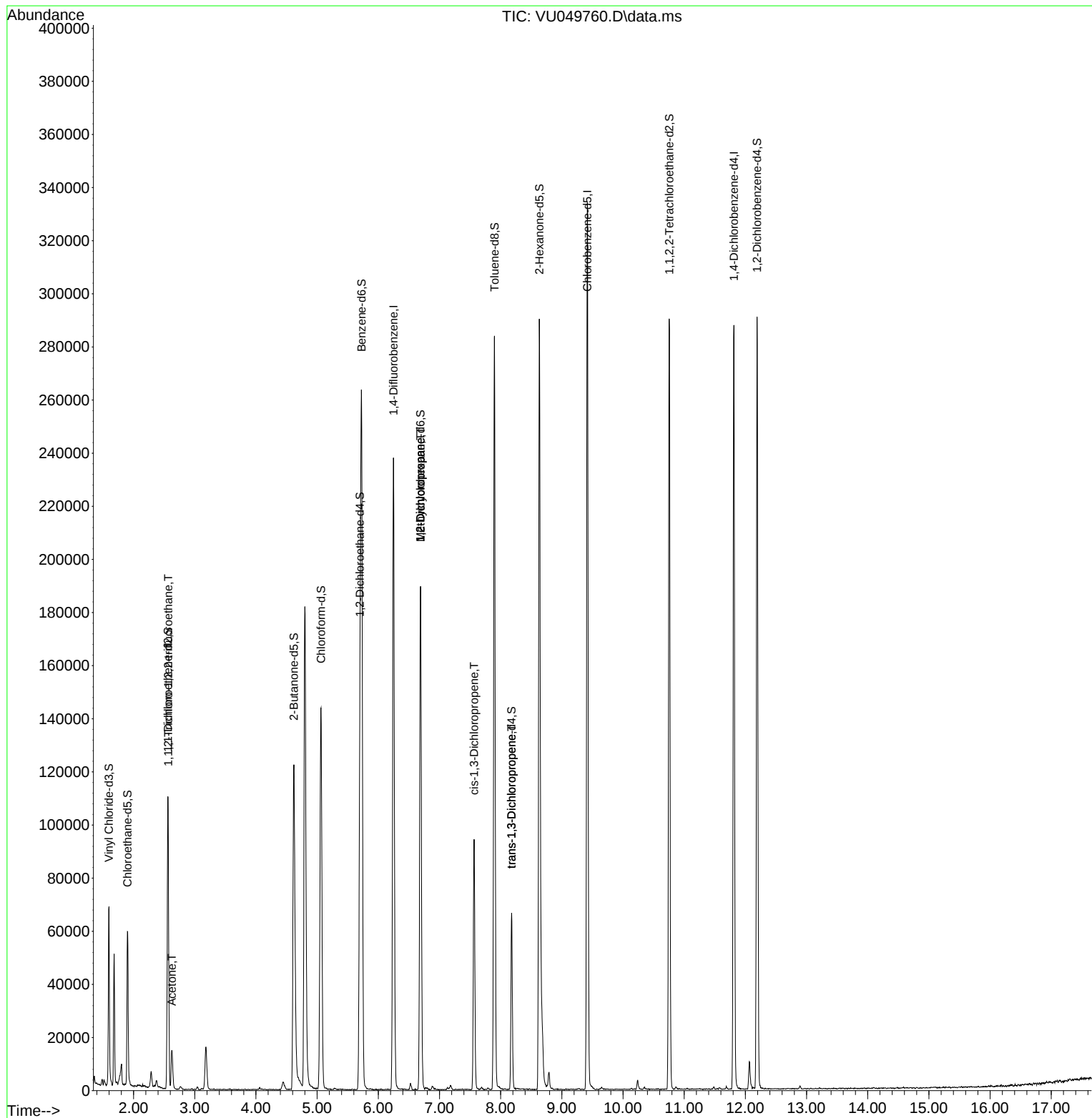
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	180800	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	171240	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	71416	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	48100	31.531	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.060%
7) Chloroethane-d5	1.903	69	43456	39.409	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.820%
11) 1,1-Dichloroethene-d2	2.562	63	68272	25.337	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.680%#
21) 2-Butanone-d5	4.620	46	171086	131.376	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	131.380%#
24) Chloroform-d	5.063	84	132993	49.222	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.440%
26) 1,2-Dichloroethane-d4	5.700	65	94943	51.920	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.840%
32) Benzene-d6	5.726	84	226242	43.489	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.980%
36) 1,2-Dichloropropane-d6	6.690	67	88369	50.502	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.000%
41) Toluene-d8	7.899	98	181461	40.055	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.100%
43) trans-1,3-Dichloroprop...	8.179	79	33994	46.110	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.220%
47) 2-Hexanone-d5	8.632	63	87692	111.410	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.410%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	139964	57.166	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	114.340%
66) 1,2-Dichlorobenzene-d4	12.192	152	69705	51.767	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.540%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	520	0.373	ug/L #	20
13) Acetone	2.623	43	15867	12.821	ug/L	100
35) Methylcyclohexane	6.690	83	20858	8.531	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	10007	5.609	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	2579	1.072	ug/L #	77
44) trans-1,3-Dichloropropene	8.179	75	1764	0.781	ug/L	85

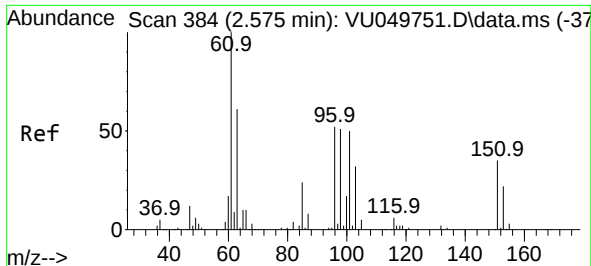
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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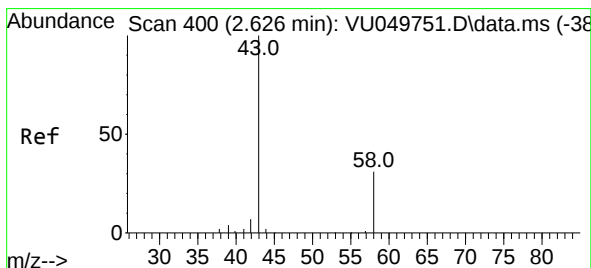
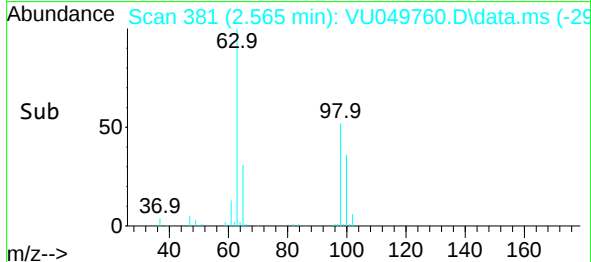
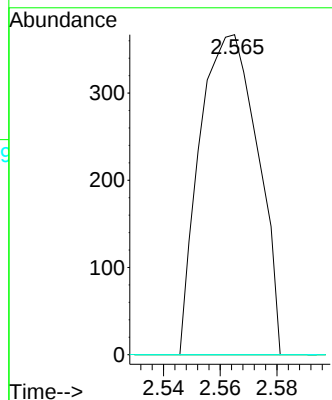
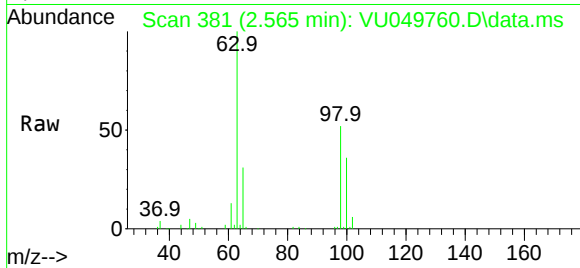




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.373 ug/L
RT: 2.565 min Scan# 311
Delta R.T. -0.010 min
Lab File: VU049760.D
Acq: 18 Jul 2022 14:52

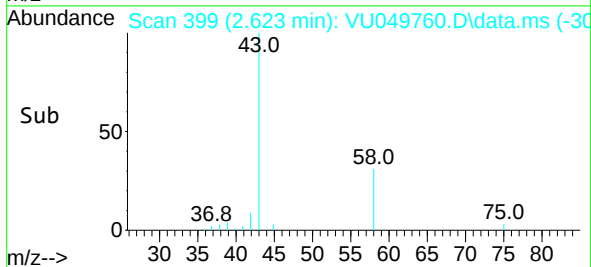
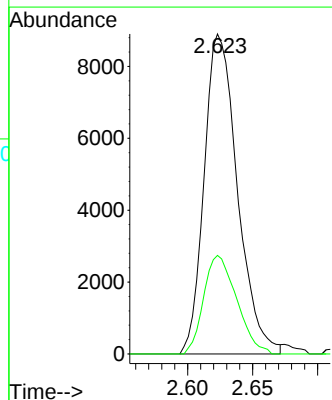
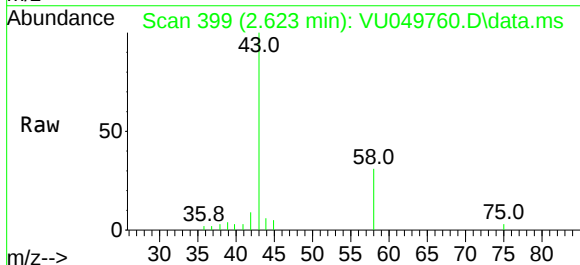
Instrument :
MSVOA_U
ClientSampleId :
F5B81

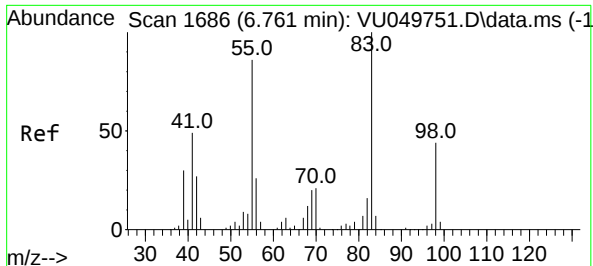
Tgt Ion:101 Resp: 520
Ion Ratio Lower Upper
101 100
85 0.0 37.3 55.9#
151 0.0 56.9 85.3#



#13
Acetone
Concen: 12.821 ug/L
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU049760.D
Acq: 18 Jul 2022 14:52

Tgt Ion: 43 Resp: 15867
Ion Ratio Lower Upper
43 100
58 30.5 0.0 61.4

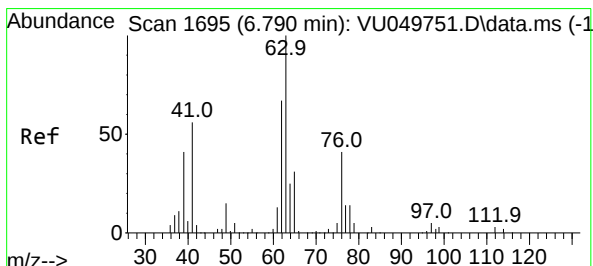
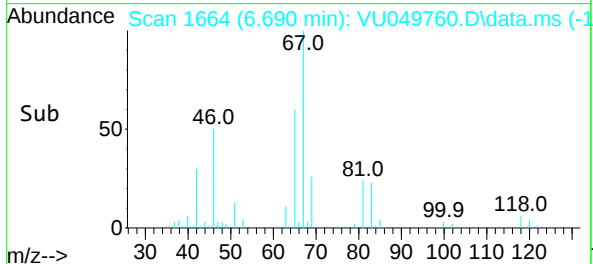
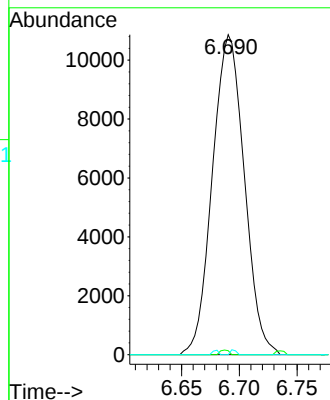
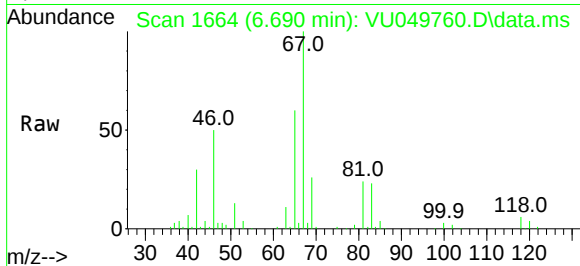




#35
Methylcyclohexane
Concen: 8.531 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU049760.D
Acq: 18 Jul 2022 14:52

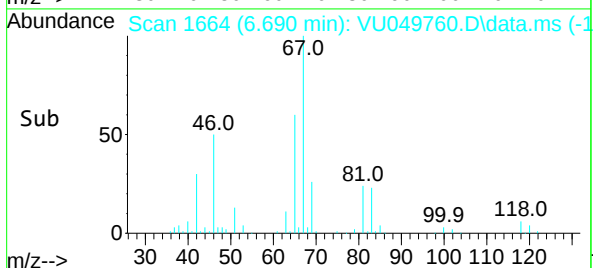
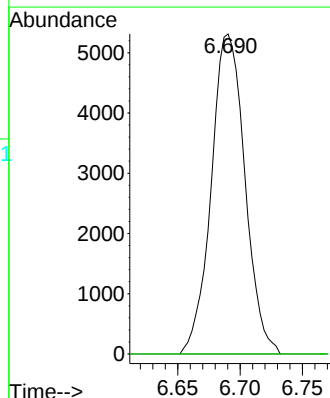
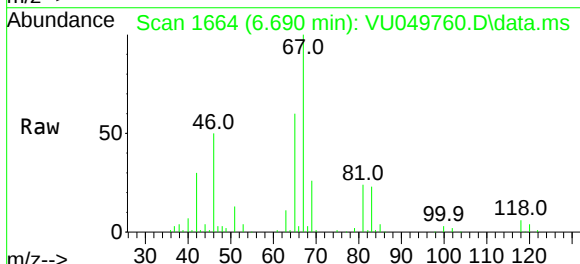
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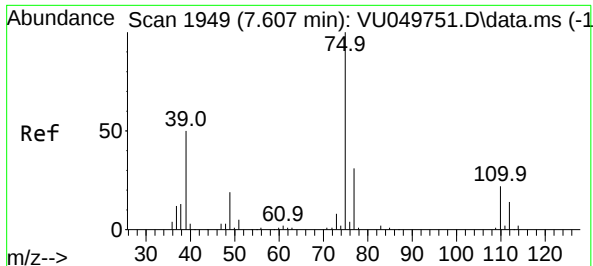
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.4	66.0	99.0#
98	0.3	34.6	51.8#



#37
1,2-Dichloropropane
Concen: 5.609 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU049760.D
Acq: 18 Jul 2022 14:52

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





#39

cis-1,3-Dichloropropene

Concen: 1.072 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU049760.D

Acq: 18 Jul 2022 14:52

Instrument :

MSVOA_U

ClientSampleId :

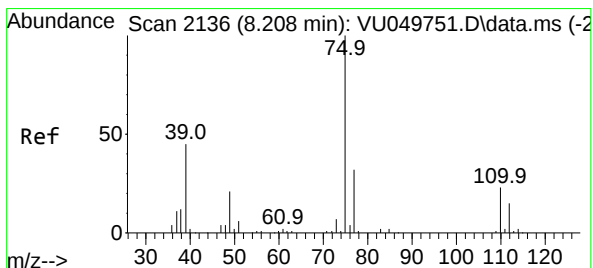
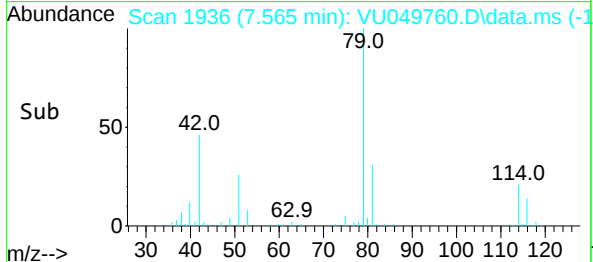
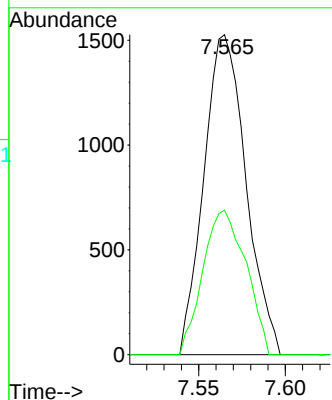
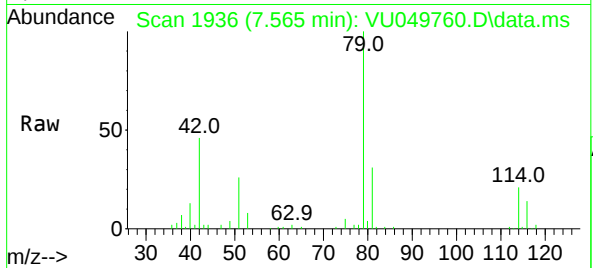
F5B81

Tgt Ion: 75 Resp: 2579

Ion Ratio Lower Upper

75 100

77 45.1 22.6 42.0#



#44

trans-1,3-Dichloropropene

Concen: 0.781 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.029 min

Lab File: VU049760.D

Acq: 18 Jul 2022 14:52

Tgt Ion: 75 Resp: 1764

Ion Ratio Lower Upper

75 100

77 40.7 22.5 41.9

