

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071522\
 Data File : VU049727.D
 Acq On : 15 Jul 2022 10:35
 Operator : SY/MD
 Sample : VU0715WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK157

Quant Time: Jul 15 23:04:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 15 23:03:46 2022
 Response via : Initial Calibration

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

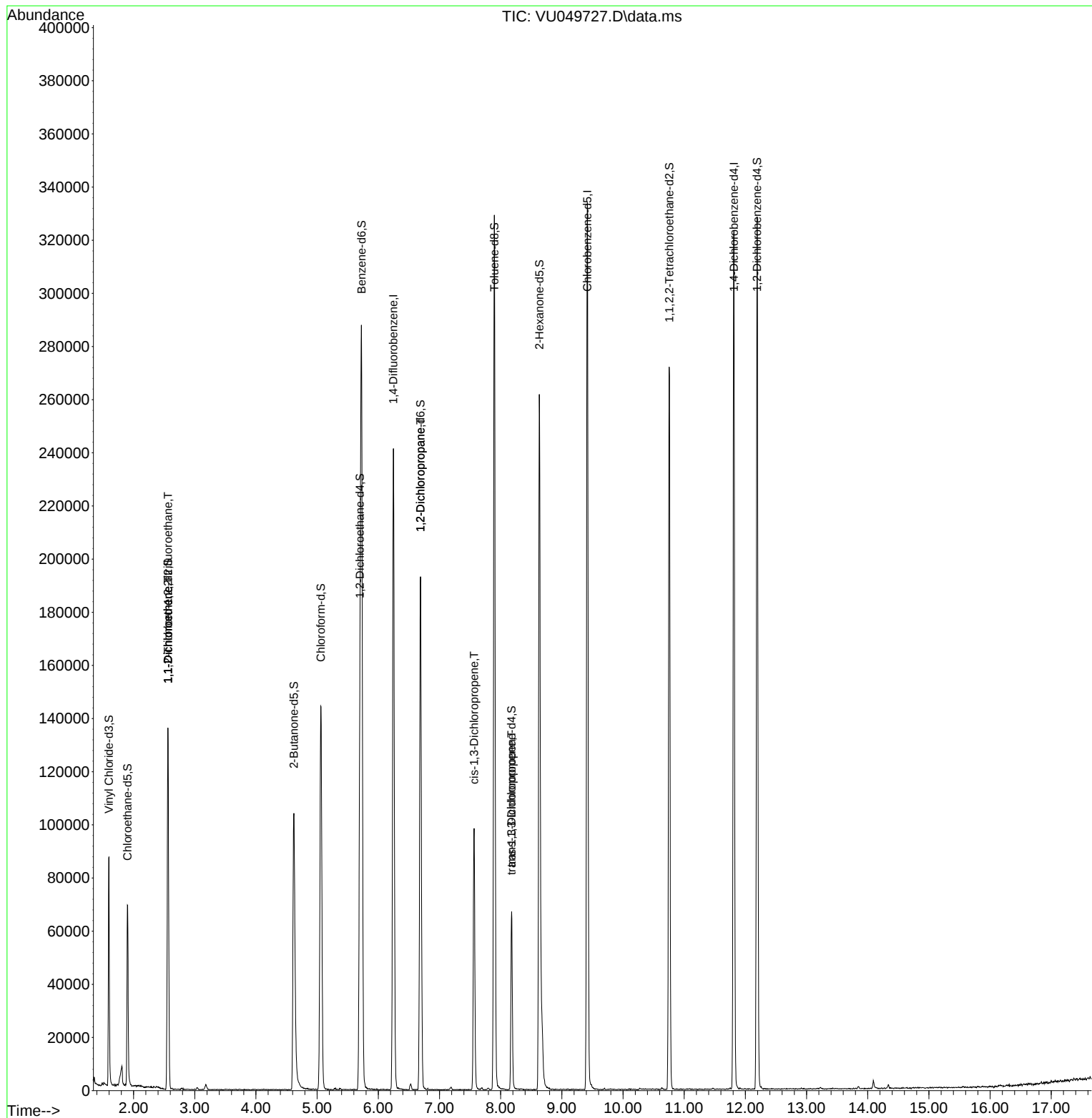
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	183377	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	177632	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	80488	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	61087	39.481	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.960%
7) Chloroethane-d5	1.900	69	49509	44.268	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.540%
11) 1,1-Dichloroethene-d2	2.562	63	83544	30.569	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.140%
21) 2-Butanone-d5	4.620	46	154676	117.106	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.110%
24) Chloroform-d	5.060	84	134036	48.911	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.820%
26) 1,2-Dichloroethane-d4	5.700	65	97081	52.343	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.680%
32) Benzene-d6	5.726	84	247060	45.782	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.560%
36) 1,2-Dichloropropane-d6	6.690	67	90307	49.753	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.500%
41) Toluene-d8	7.896	98	209582	44.597	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	8.179	79	36201	47.337	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.680%
47) 2-Hexanone-d5	8.633	63	80989	99.192	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.190%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	134408	52.922	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.840%
66) 1,2-Dichlorobenzene-d4	12.192	152	80341	52.941	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.880%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	587	0.416	ug/L #	20
12) 1,1-Dichloroethene	2.562	96	643	0.490	ug/L #	1
37) 1,2-Dichloropropane	6.690	63	10120	5.468	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	2491	0.998	ug/L	83
44) trans-1,3-Dichloropropene	8.176	75	1685	0.719	ug/L	89

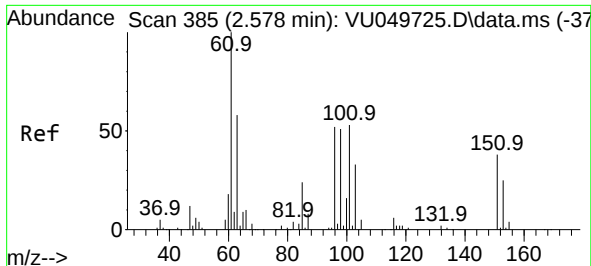
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.416 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.016 min

Lab File: VU049727.D

Acq: 15 Jul 2022 10:35

Instrument :

MSVOA_U

ClientSampleId :

VBLK157

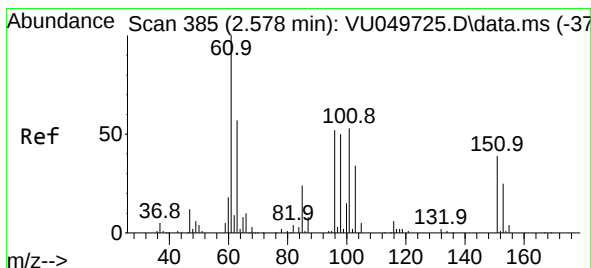
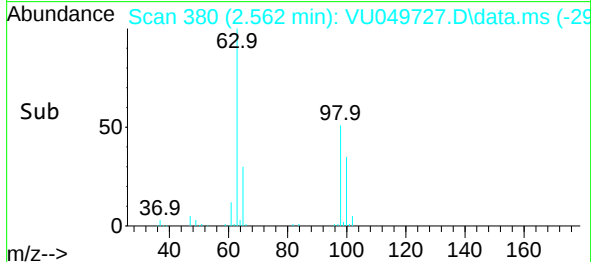
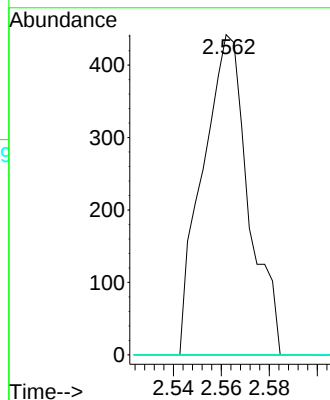
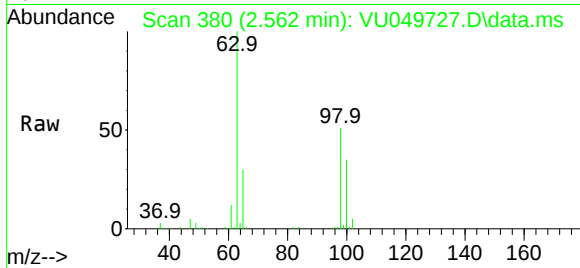
Tgt Ion:101 Resp: 587

Ion Ratio Lower Upper

101 100

85 0.0 37.3 55.9#

151 0.0 56.9 85.3#



#12

1,1-Dichloroethene

Concen: 0.490 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.016 min

Lab File: VU049727.D

Acq: 15 Jul 2022 10:35

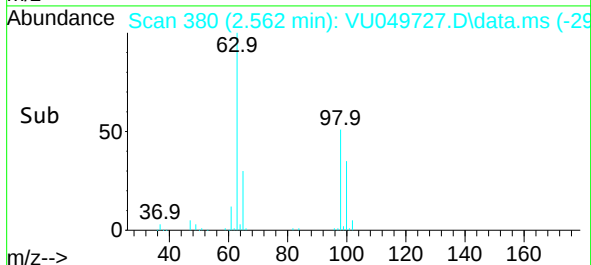
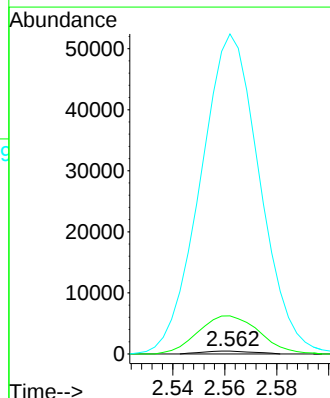
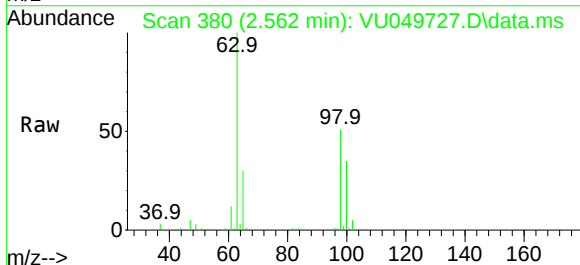
Tgt Ion: 96 Resp: 643

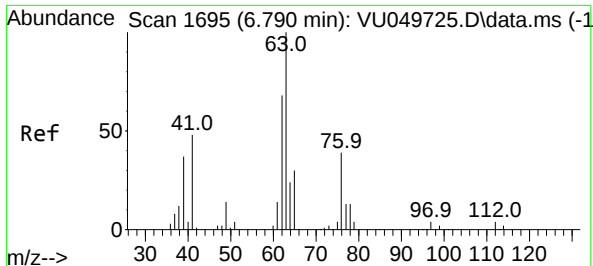
Ion Ratio Lower Upper

96 100

61 1316.5 129.6 240.6#

63 11079.9 79.0 146.6#

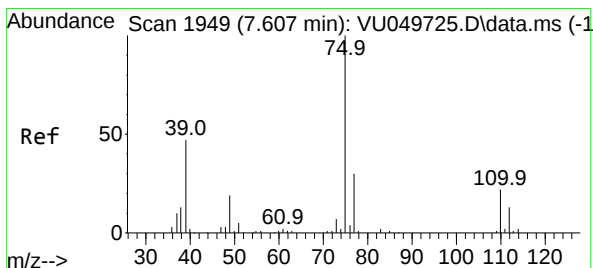
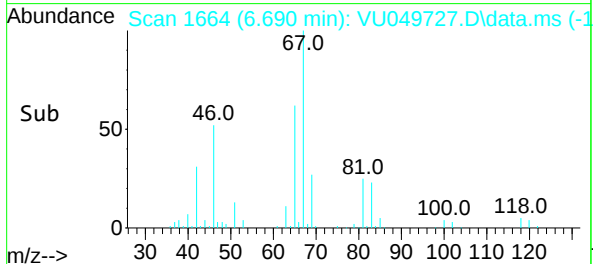
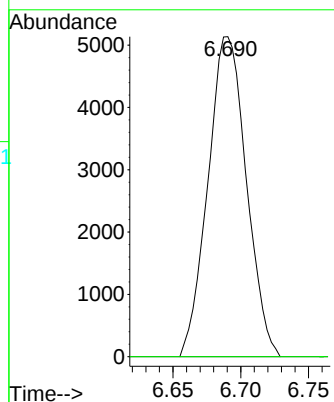
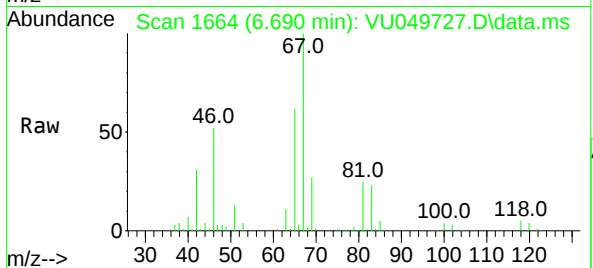




#37
1,2-Dichloropropane
Concen: 5.468 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU049727.D
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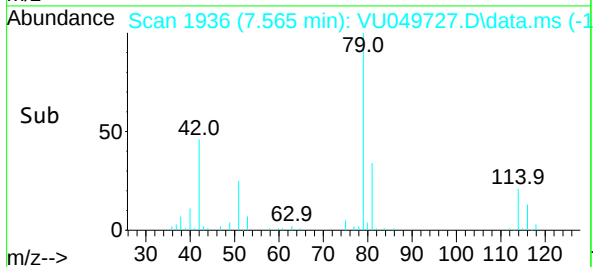
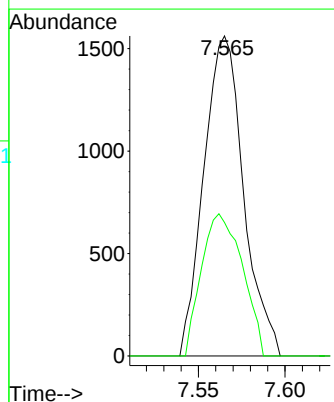
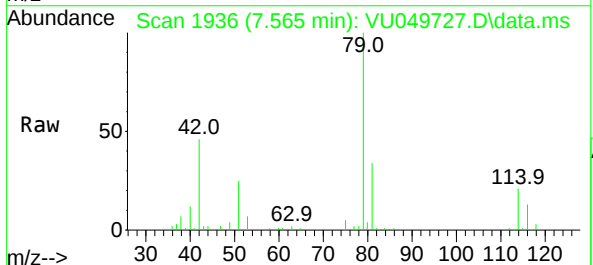
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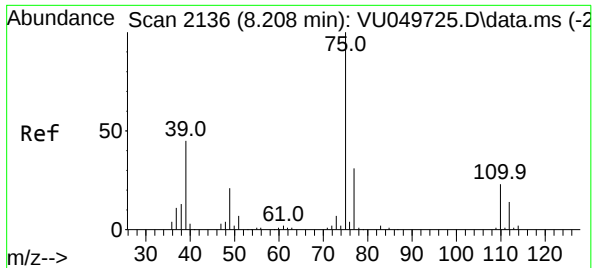
Tgt Ion: 63 Resp: 10120
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#



#39
cis-1,3-Dichloropropene
Concen: 0.998 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.042 min
Lab File: VU049727.D
Acq: 15 Jul 2022 10:35

Tgt Ion: 75 Resp: 2491
Ion Ratio Lower Upper
75 100
77 41.7 22.6 42.0





#44
 trans-1,3-Dichloropropene
 Concen: 0.719 ug/L
 RT: 8.176 min Scan# 21
 Delta R.T. -0.032 min
 Lab File: VU049727.D
 Acq: 15 Jul 2022 10:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK157

Tgt Ion: 75 Resp: 1685
 Ion Ratio Lower Upper
 75 100
 77 38.2 22.5 41.9

