

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071422\
 Data File : VU049710.D
 Acq On : 14 Jul 2022 11:04
 Operator : SY/MD
 Sample : VU0714WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK155

Quant Time: Jul 15 04:02:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 15 04:01:16 2022
 Response via : Initial Calibration

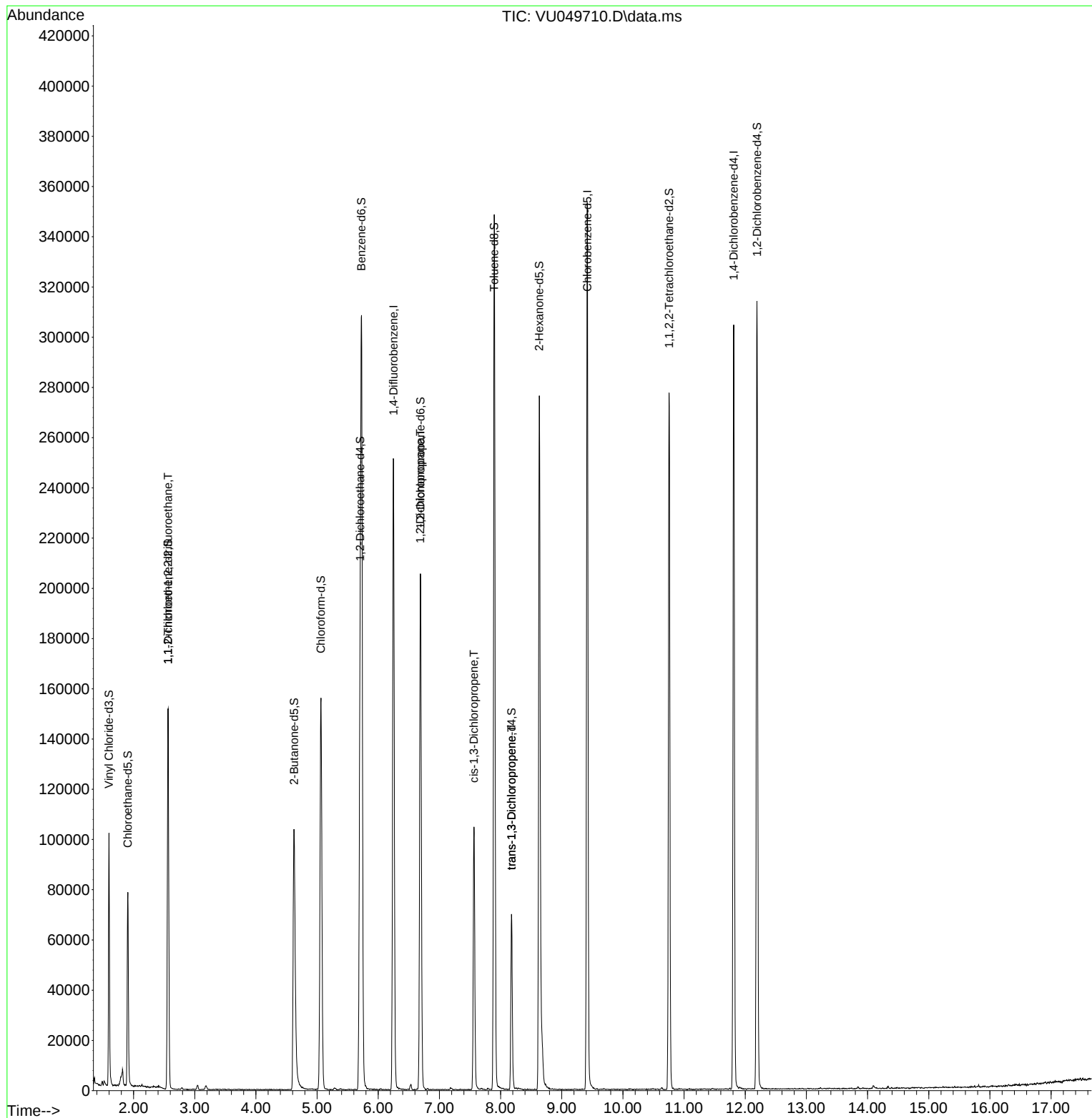
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	191444	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	179900	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	75864	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	68618	42.480	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.960%
7) Chloroethane-d5	1.906	69	55126	47.213	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.420%
11) 1,1-Dichloroethene-d2	2.565	63	92832	32.536	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.080%
21) 2-Butanone-d5	4.623	46	156342	113.379	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.380%
24) Chloroform-d	5.063	84	142318	49.745	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.480%
26) 1,2-Dichloroethane-d4	5.703	65	102792	53.087	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.180%
32) Benzene-d6	5.726	84	265620	48.601	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.690	67	96724	52.616	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.240%
41) Toluene-d8	7.896	98	220707	46.372	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.740%
43) trans-1,3-Dichloroprop...	8.179	79	36941	47.695	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.400%
47) 2-Hexanone-d5	8.632	63	88330	106.819	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.820%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	135823	52.805	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	77019	53.845	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.700%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	587	0.398	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	10905	5.818	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	2468	0.976	ug/L #	49
44) trans-1,3-Dichloropropene	8.179	75	1990	0.838	ug/L	96

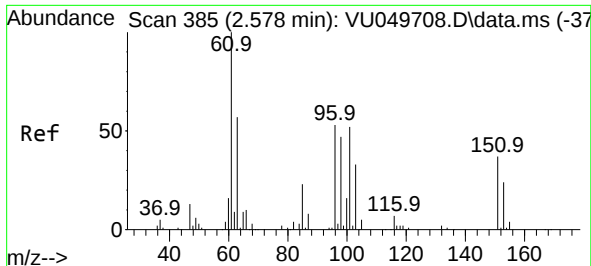
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VBLK155

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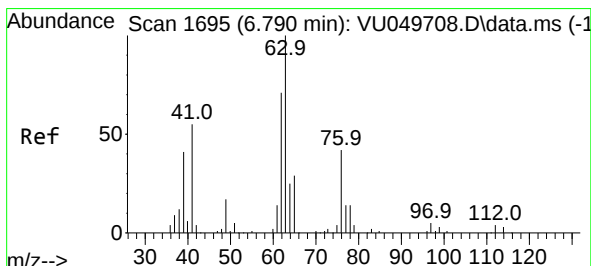
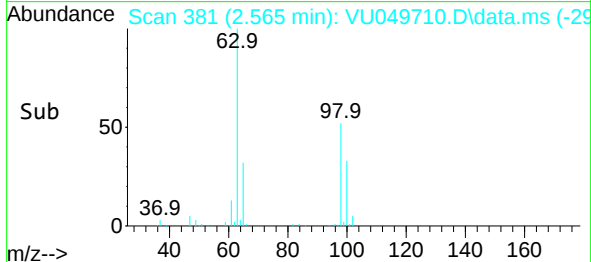
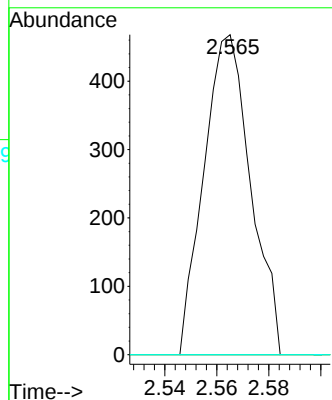
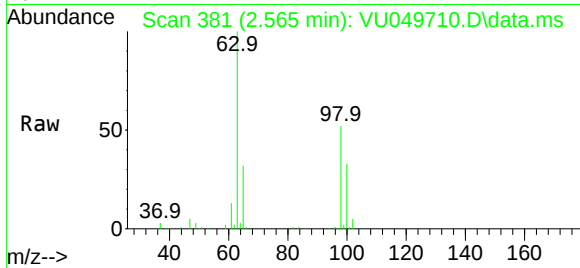




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.398 ug/L
 RT: 2.565 min Scan# 31
 Delta R.T. -0.013 min
 Lab File: VU049710.D
 Acq: 14 Jul 2022 11:04

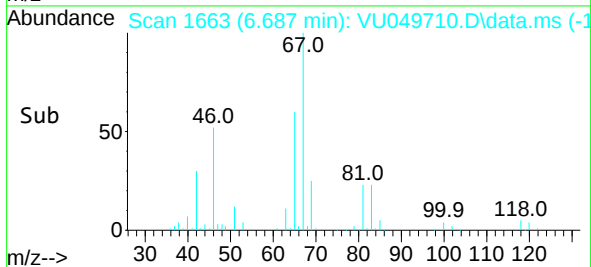
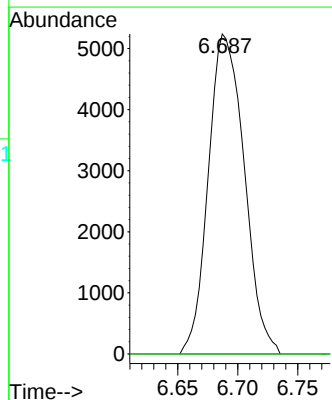
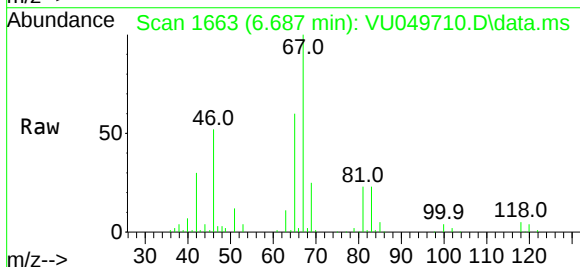
Instrument :
 MSVOA_U
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 VBLK155

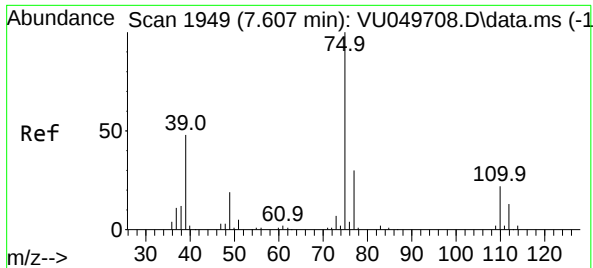
Tgt Ion:101 Resp: 587
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.3 55.9#
 151 0.0 56.9 85.3#



#37
 1,2-Dichloropropane
 Concen: 5.818 ug/L
 RT: 6.687 min Scan# 1663
 Delta R.T. -0.103 min
 Lab File: VU049710.D
 Acq: 14 Jul 2022 11:04

Tgt Ion: 63 Resp: 10905
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 0.976 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU049710.D

Acq: 14 Jul 2022 11:04

Instrument :

MSVOA_U

ClientSampleId :

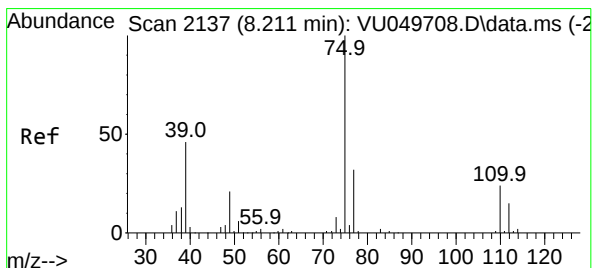
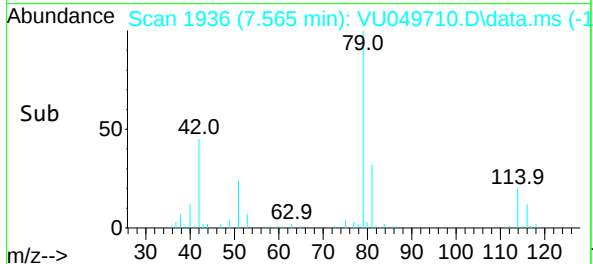
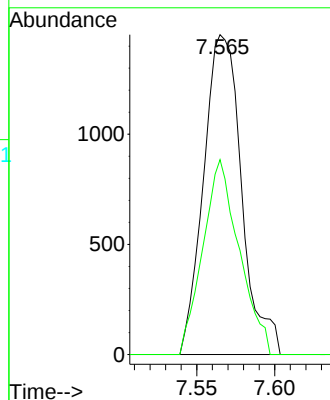
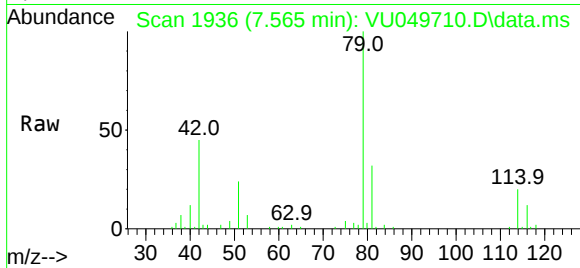
VBLK155

Tgt Ion: 75 Resp: 2468

Ion Ratio Lower Upper

75 100

77 61.0 22.6 42.0#



#44

trans-1,3-Dichloropropene

Concen: 0.838 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU049710.D

Acq: 14 Jul 2022 11:04

Tgt Ion: 75 Resp: 1990

Ion Ratio Lower Upper

75 100

77 34.3 22.5 41.9

