

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071322\
 Data File : VU049702.D
 Acq On : 13 Jul 2022 13:05
 Operator : SY/MD
 Sample : N3702-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5D22

Quant Time: Jul 14 05:09:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 14 05:07:30 2022
 Response via : Initial Calibration

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

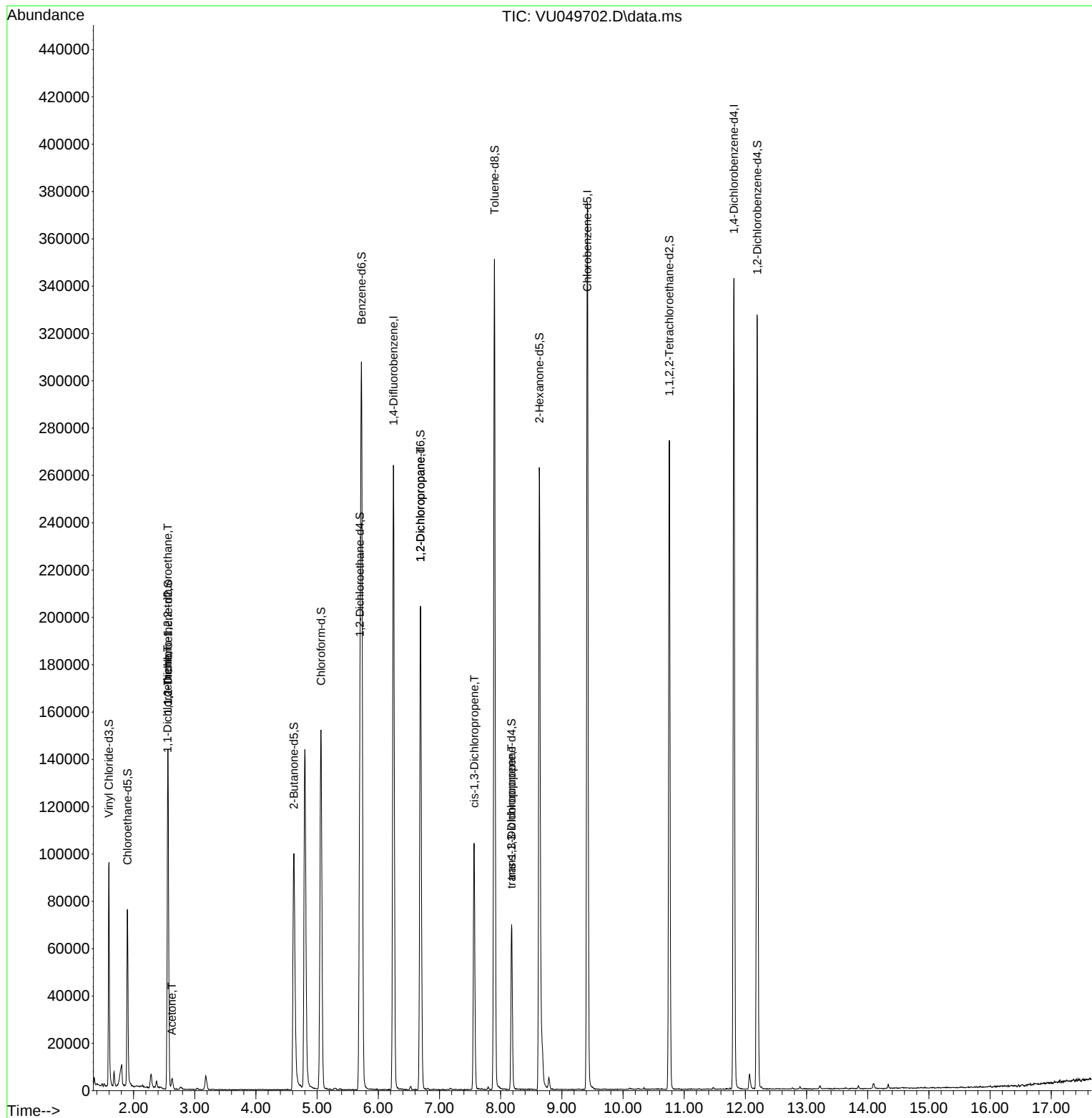
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	200296	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	192865	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	83851	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	66827	39.543	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.080%		
7) Chloroethane-d5	1.900	69	53495	43.791	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.580%		
11) 1,1-Dichloroethene-d2	2.562	63	88832	29.758	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	59.520%#		
21) 2-Butanone-d5	4.620	46	145668	100.970	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.970%		
24) Chloroform-d	5.063	84	140272	46.863	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.720%		
26) 1,2-Dichloroethane-d4	5.700	65	98719	48.730	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.460%		
32) Benzene-d6	5.726	84	266336	45.456	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.920%		
36) 1,2-Dichloropropane-d6	6.690	67	94373	47.886	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.780%		
41) Toluene-d8	7.899	98	221963	43.501	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.000%		
43) trans-1,3-Dichloroprop...	8.179	79	37539	45.209	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.420%		
47) 2-Hexanone-d5	8.632	63	82668	93.251	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.250%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	135274	49.056	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.120%		
66) 1,2-Dichlorobenzene-d4	12.195	152	81027	51.252	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.500%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	591	0.383	ug/L #	20
12) 1,1-Dichloroethene	2.555	96	777	0.543	ug/L #	1
13) Acetone	2.623	43	3935	2.870	ug/L	76
37) 1,2-Dichloropropane	6.690	63	10741	5.345	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	2412	0.890	ug/L #	35
44) trans-1,3-Dichloropropene	8.176	75	1934	0.760	ug/L	89

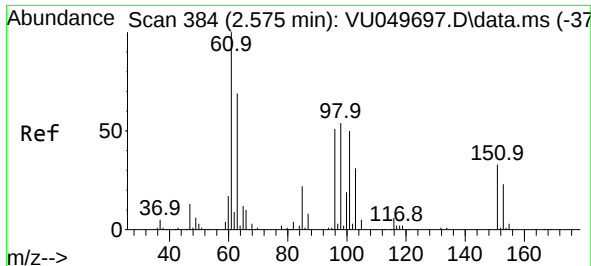
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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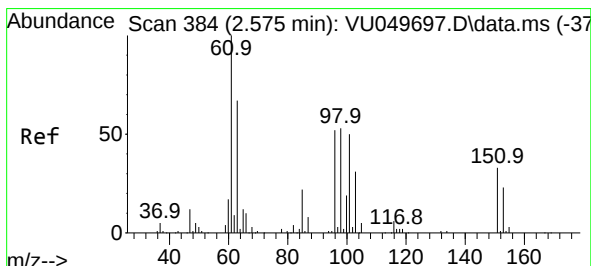
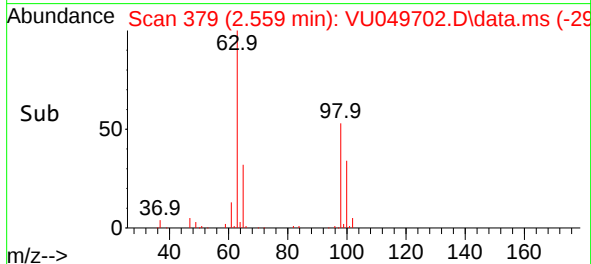
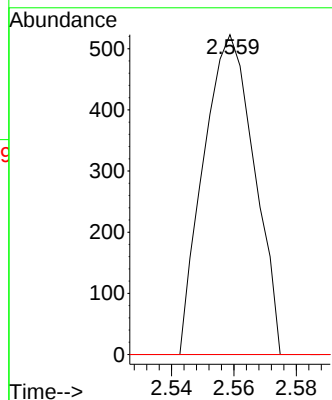
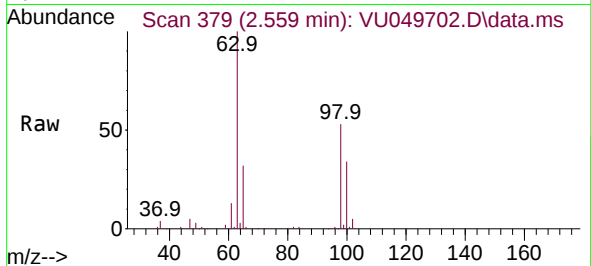




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.383 ug/L
RT: 2.559 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU049702.D
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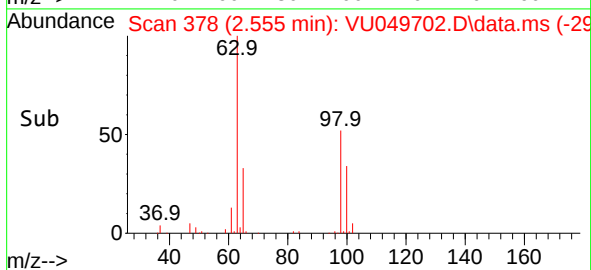
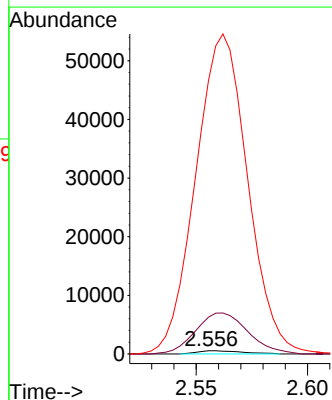
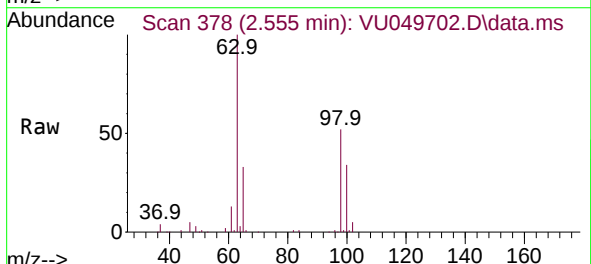
Instrument :
MSVOA_U
ClientSampleId :
F5D22

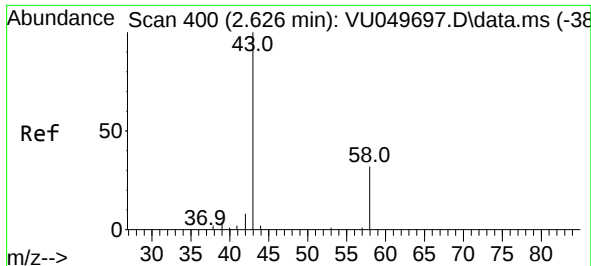
Tgt Ion:101 Resp: 591
Ion Ratio Lower Upper
101 100
85 0.0 37.3 55.9#
151 0.0 56.9 85.3#



#12
1,1-Dichloroethene
Concen: 0.543 ug/L
RT: 2.555 min Scan# 378
Delta R.T. -0.019 min
Lab File: VU049702.D
Acq: 13 Jul 2022 13:05

Tgt Ion: 96 Resp: 777
Ion Ratio Lower Upper
96 100
61 1131.2 129.6 240.6#
63 8407.9 79.0 146.6#





#13

Acetone

Concen: 2.870 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU049702.D

Acq: 13 Jul 2022 13:05

Instrument :

MSVOA_U

ClientSampleId :

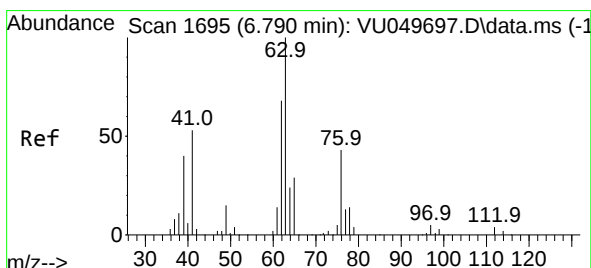
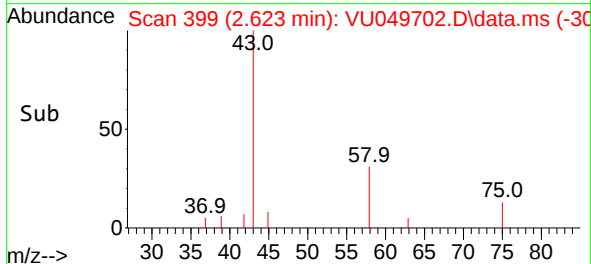
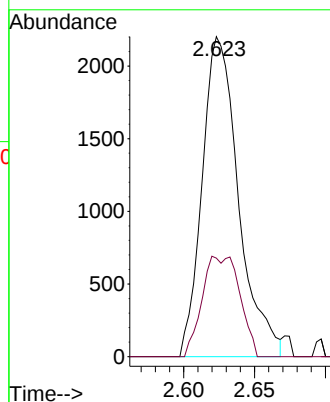
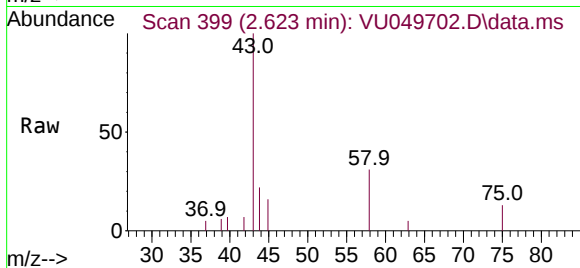
F5D22

Tgt Ion: 43 Resp: 3935

Ion Ratio Lower Upper

43 100

58 17.4 0.0 61.4



#37

1,2-Dichloropropane

Concen: 5.345 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU049702.D

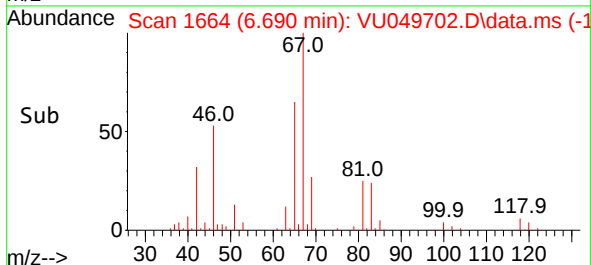
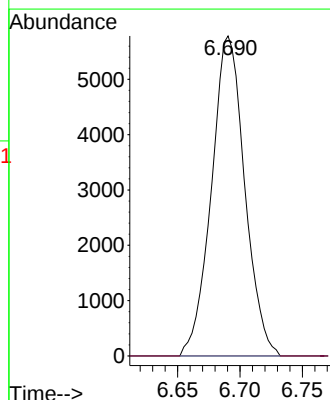
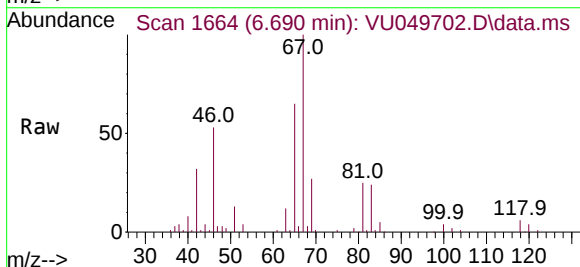
Acq: 13 Jul 2022 13:05

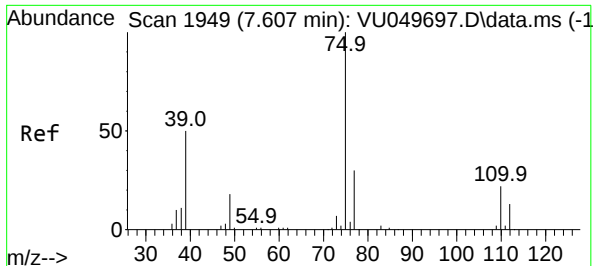
Tgt Ion: 63 Resp: 10741

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 0.890 ug/L

RT: 7.568 min Scan# 11

Delta R.T. -0.039 min

Lab File: VU049702.D

Acq: 13 Jul 2022 13:05

Instrument :

MSVOA_U

ClientSampleId :

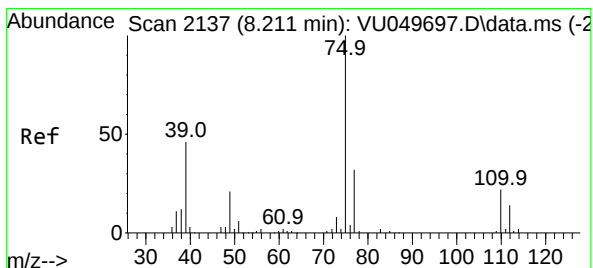
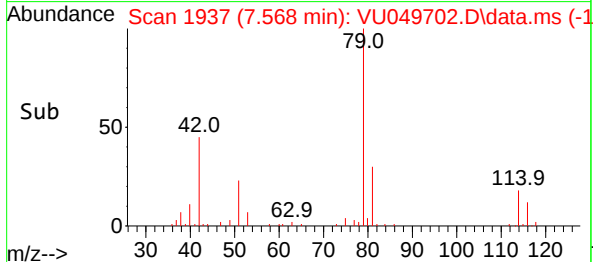
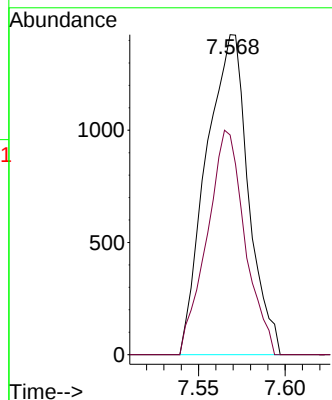
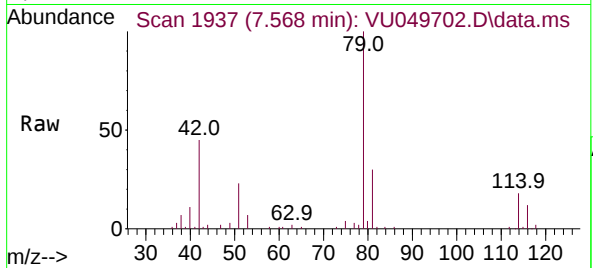
F5D22

Tgt Ion: 75 Resp: 2412

Ion Ratio Lower Upper

75 100

77 68.7 22.6 42.0#



#44

trans-1,3-Dichloropropene

Concen: 0.760 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.035 min

Lab File: VU049702.D

Acq: 13 Jul 2022 13:05

Tgt Ion: 75 Resp: 1934

Ion Ratio Lower Upper

75 100

77 38.6 22.5 41.9

