

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071822\
 Data File : VU049761.D
 Acq On : 18 Jul 2022 15:15
 Operator : SY/MD
 Sample : N3744-21
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Jul 19 02:11:12 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

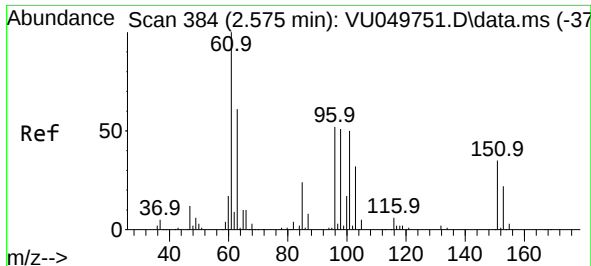
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	187769	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	179614	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	73101	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	85450	53.936	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 107.880%			
7) Chloroethane-d5	1.900	69	63196	55.184	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 110.360%			
11) 1,1-Dichloroethene-d2	2.562	63	102805	36.736	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.480%			
21) 2-Butanone-d5	4.620	46	149158	110.287	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 110.290%			
24) Chloroform-d	5.060	84	143917	51.288	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.580%			
26) 1,2-Dichloroethane-d4	5.700	65	101416	53.401	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.800%			
32) Benzene-d6	5.726	84	276412	50.656	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.320%			
36) 1,2-Dichloropropane-d6	6.690	67	96296	52.467	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.940%			
41) Toluene-d8	7.896	98	227267	47.827	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.660%			
43) trans-1,3-Dichloroprop...	8.179	79	39109	50.575	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.160%			
47) 2-Hexanone-d5	8.632	63	77984	94.457	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.460%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	132407	51.559	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.120%			
66) 1,2-Dichlorobenzene-d4	12.192	152	74035	53.716	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.440%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	771	0.533	ug/L #	20
12) 1,1-Dichloroethene	2.559	96	592	0.441	ug/L #	1
35) Methylcyclohexane	6.690	83	21691	8.458	ug/L #	17
37) 1,2-Dichloropropane	6.694	63	10879	5.814	ug/L #	89
44) trans-1,3-Dichloropropene	8.182	75	1826	0.771	ug/L #	64
60) 1,2,3-Trichloropropane	11.809	75	10063	5.168	ug/L #	69

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

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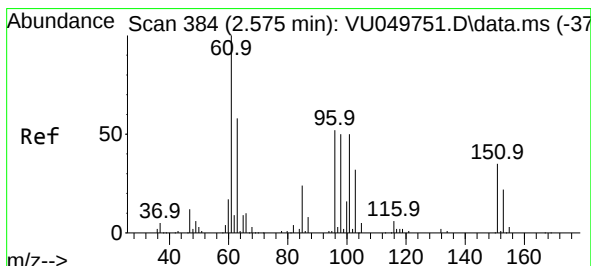
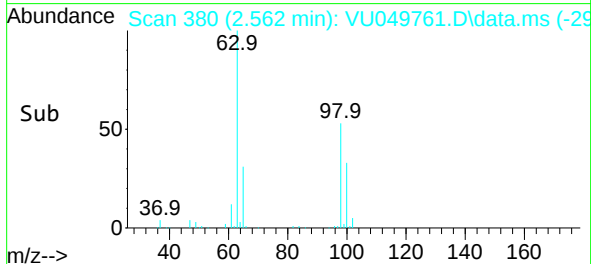
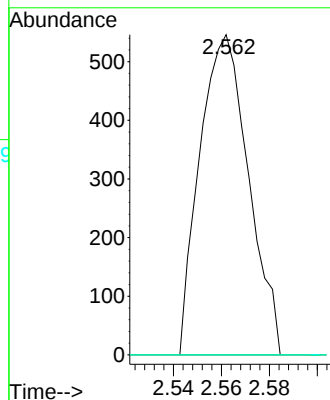
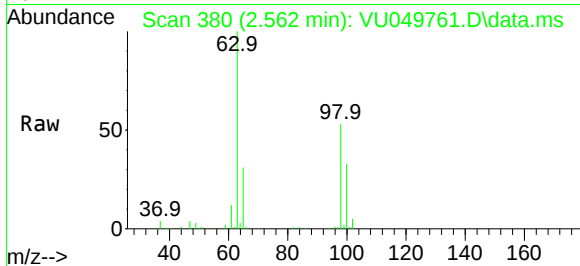




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.533 ug/L
RT: 2.562 min Scan# 31
Delta R.T. -0.013 min
Lab File: VU049761.D
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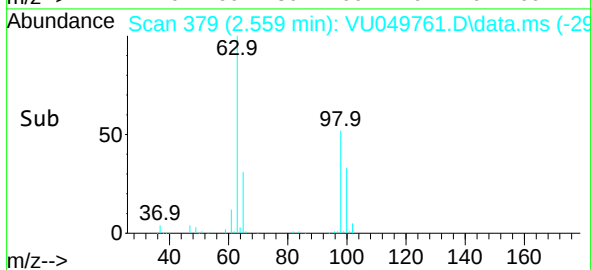
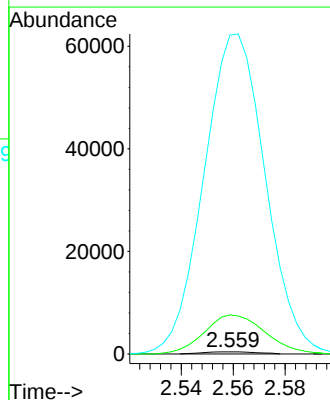
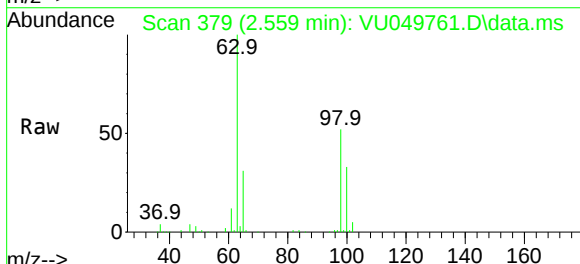
Instrument :
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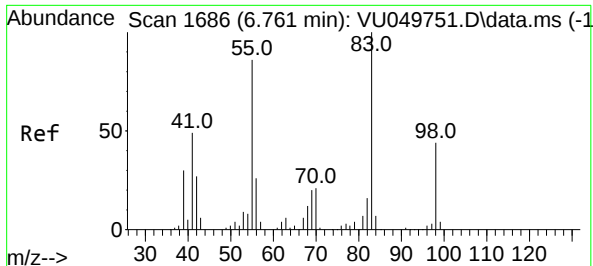
Tgt Ion:101 Resp: 771
Ion Ratio Lower Upper
101 100
85 0.0 37.3 55.9#
151 0.0 56.9 85.3#



#12
1,1-Dichloroethene
Concen: 0.441 ug/L
RT: 2.559 min Scan# 379
Delta R.T. -0.016 min
Lab File: VU049761.D
Acq: 18 Jul 2022 15:15

Tgt Ion: 96 Resp: 592
Ion Ratio Lower Upper
96 100
61 1814.0 129.6 240.6#
63 14809.5 79.0 146.6#





#35

Methylcyclohexane

Concen: 8.458 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU049761.D

Acq: 18 Jul 2022 15:15

Instrument :

MSVOA_U

ClientSampleId :

VHBLK001

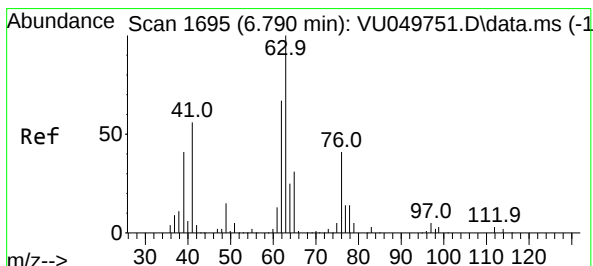
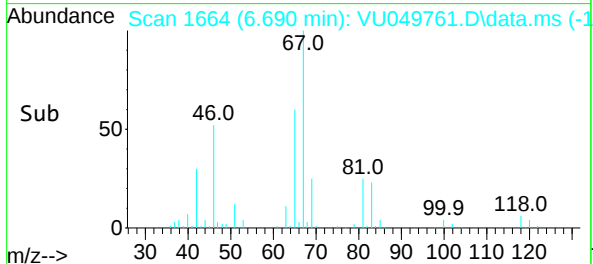
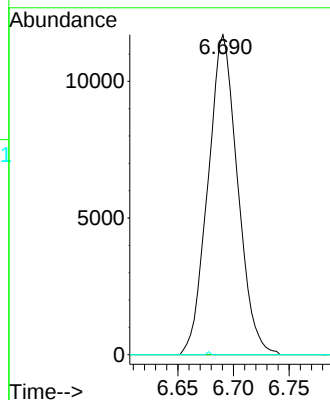
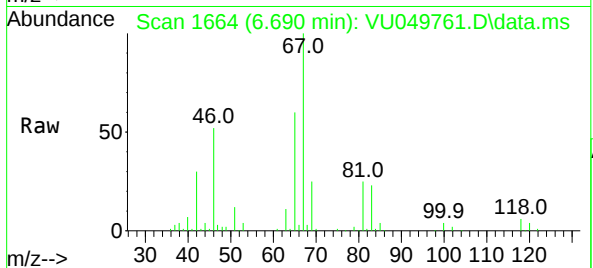
Tgt Ion: 83 Resp: 21691

Ion Ratio Lower Upper

83 100

55 0.0 66.0 99.0#

98 0.6 34.6 51.8#



#37

1,2-Dichloropropane

Concen: 5.814 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.096 min

Lab File: VU049761.D

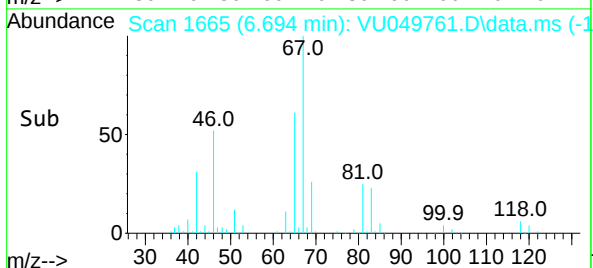
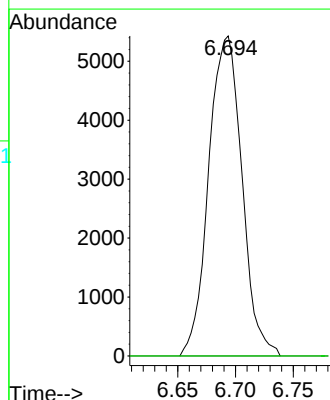
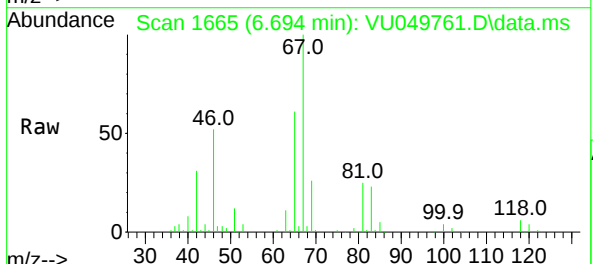
Acq: 18 Jul 2022 15:15

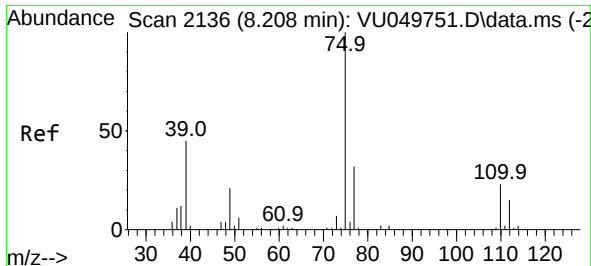
Tgt Ion: 63 Resp: 10879

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#

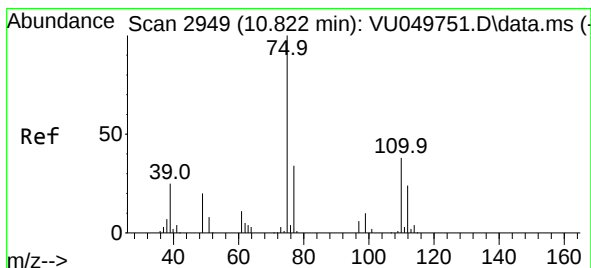
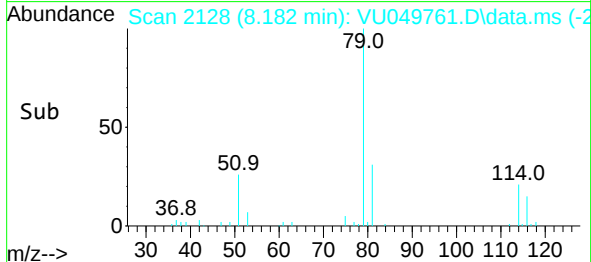
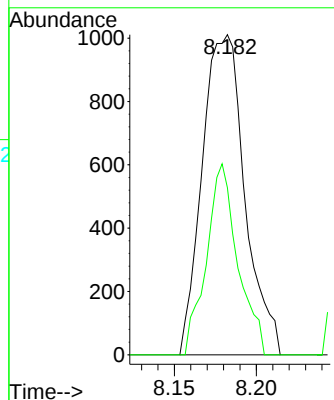
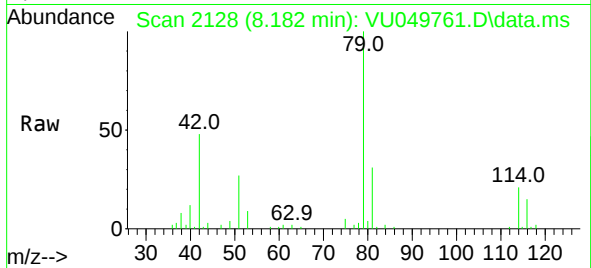




#44
trans-1,3-Dichloropropene
Concen: 0.771 ug/L
RT: 8.182 min Scan# 2136
Delta R.T. -0.026 min
Lab File: VU049761.D
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Tgt Ion: 75 Resp: 1826
Ion Ratio Lower Upper
75 100
77 52.2 22.5 41.9#



#60
1,2,3-Trichloropropane
Concen: 5.168 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU049761.D
Acq: 18 Jul 2022 15:15

Tgt Ion: 75 Resp: 10063
Ion Ratio Lower Upper
75 100
77 32.7 25.5 38.3
110 2.5 28.9 43.3#

