

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032823\
 Data File : VU053449.D
 Acq On : 28 Mar 2023 21:45
 Operator : JC/MD
 Sample : VU0328WBL02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK060

Quant Time: Mar 29 02:17:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 29 02:16:14 2023
 Response via : Initial Calibration

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

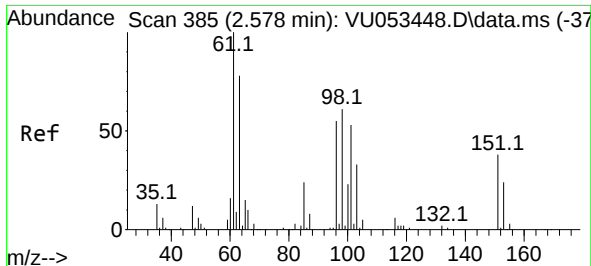
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	211292	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	198165	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	95413	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	94066	48.257	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	96.520%		
7) Chloroethane-d5	1.912	69	75467	47.863	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.720%		
11) 1,1-Dichloroethene-d2	2.565	63	116908	34.621	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.240%		
21) 2-Butanone-d5	4.626	46	113762	125.831	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	125.830%		
24) Chloroform-d	5.057	84	147939	46.078	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.160%		
26) 1,2-Dichloroethane-d4	5.697	65	99701	50.003	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.000%		
32) Benzene-d6	5.723	84	306353	47.663	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.320%		
36) 1,2-Dichloropropane-d6	6.684	67	104618	50.431	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.860%		
41) Toluene-d8	7.893	98	281083	46.970	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.940%		
43) trans-1,3-Dichloroprop...	8.176	79	46749	45.675	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.360%		
47) 2-Hexanone-d5	8.629	63	65394	100.831	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	100.830%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	137601	51.204	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.400%		
66) 1,2-Dichlorobenzene-d4	12.189	152	100387	54.338	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	108.680%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1142	0.681	ug/L #	26
12) 1,1-Dichloroethene	2.568	96	1081	0.697	ug/L #	1
37) 1,2-Dichloropropane	6.684	63	10916	5.695	ug/L #	90
69) 1,3,5-Trichlorobenzene	13.838	180	2466	1.230	ug/L	88
71) Naphthalene	14.089	128	11038	1.818	ug/L #	93

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

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#10

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

Concen: 0.681 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.010 min

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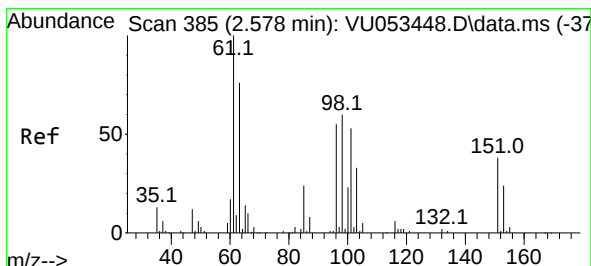
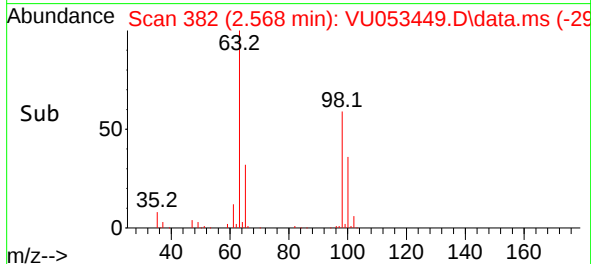
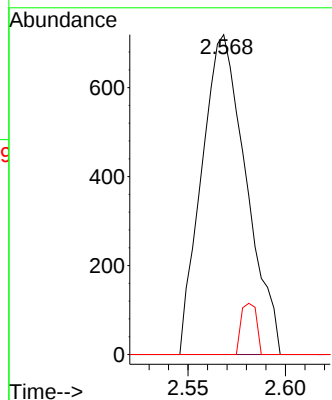
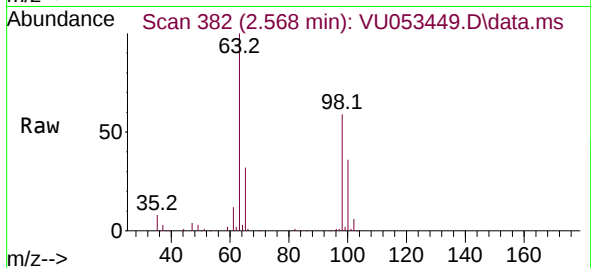
Tgt Ion:101 Resp: 1142

Ion Ratio Lower Upper

101 100

85 0.0 37.0 55.6#

151 5.5 52.9 79.3#



#12

1,1-Dichloroethene

Concen: 0.697 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.010 min

Lab File: VU053449.D

Acq: 28 Mar 2023 21:45

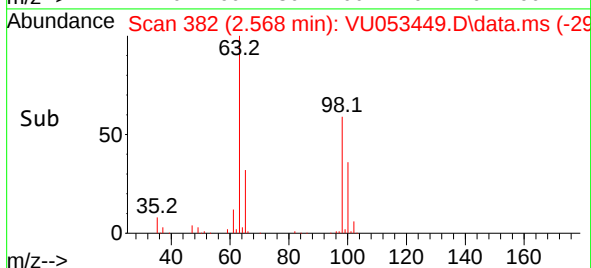
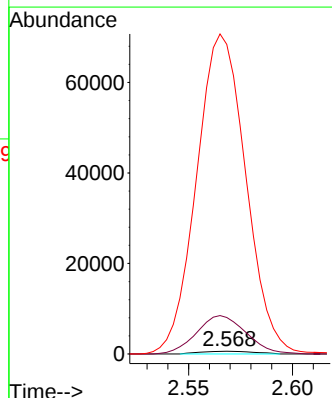
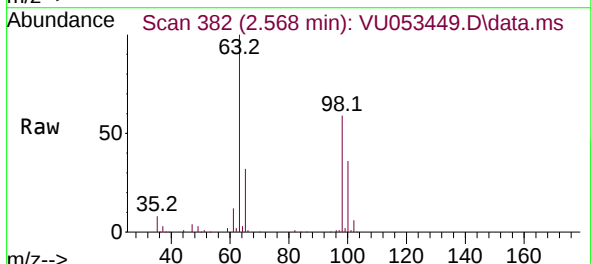
Tgt Ion: 96 Resp: 1081

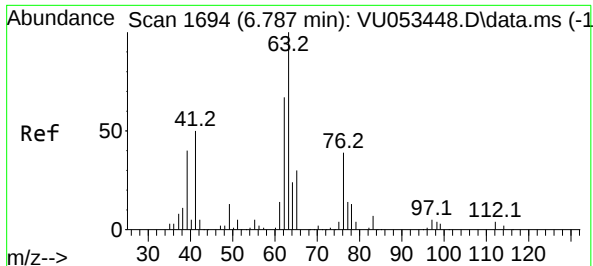
Ion Ratio Lower Upper

96 100

61 1374.8 122.2 226.9#

63 11659.3 89.9 166.9#

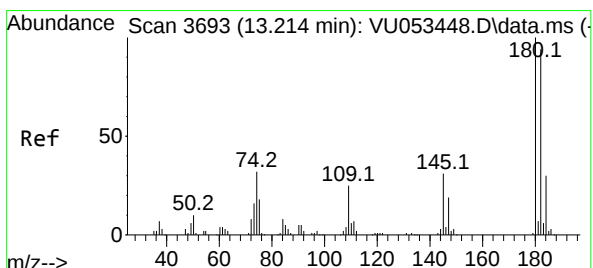
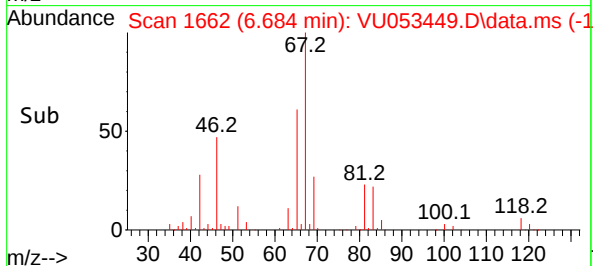
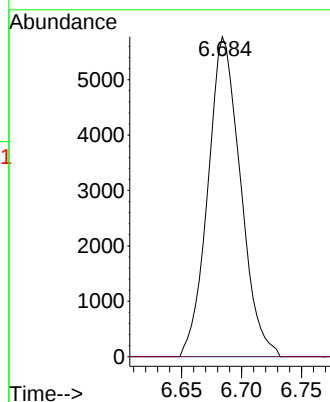
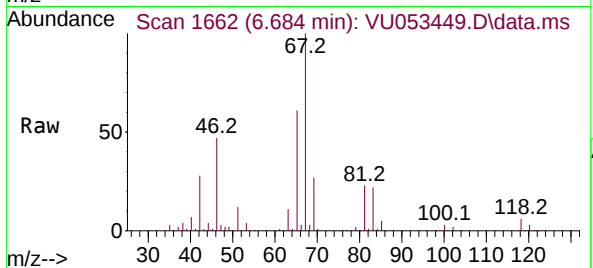




#37
1,2-Dichloropropane
Concen: 5.695 ug/L
RT: 6.684 min Scan# 1
Delta R.T. -0.103 min
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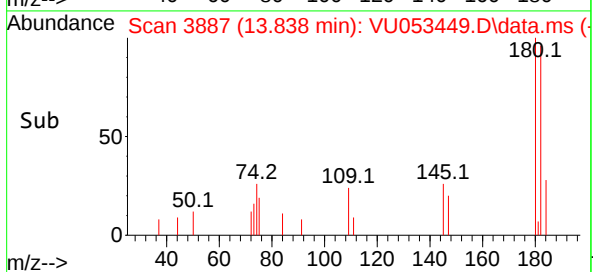
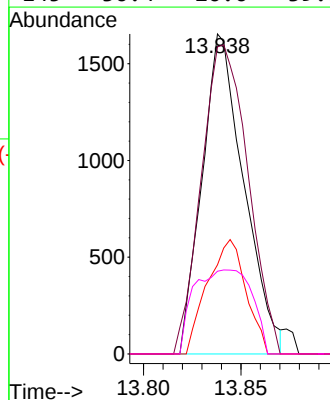
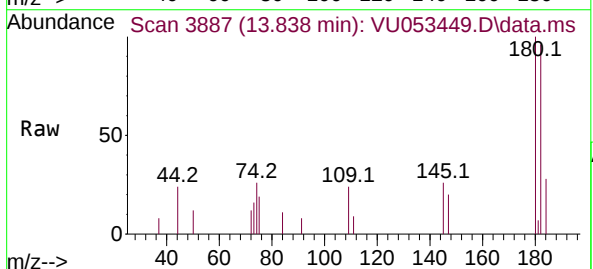
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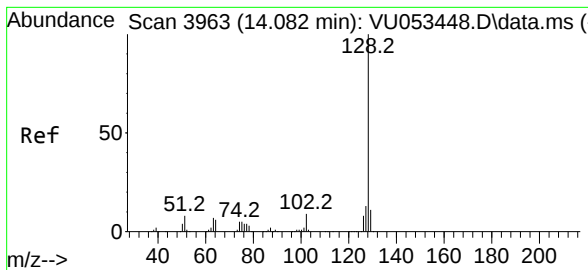
Tgt Ion: 63 Resp: 10916
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#69
1,3,5-Trichlorobenzene
Concen: 1.230 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. 0.624 min
Lab File: VU053449.D
Acq: 28 Mar 2023 21:45

Tgt Ion:180 Resp: 2466
Ion Ratio Lower Upper
180 100
182 107.9 74.5 111.7
184 33.0 23.2 34.8
145 36.4 26.6 39.8





#71
Naphthalene
Concen: 1.818 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.006 min
Lab File: VU053449.D
Acq: 28 Mar 2023 21:45

Instrument :
MSVOA_U
ClientSampleId :
VBLK060

Tgt Ion:	128	Resp:	11038
Ion	Ratio	Lower	Upper
128	100		
127	7.5	10.0	15.0#
129	10.5	8.6	13.0

