

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031523\
 Data File : VU053196.D
 Acq On : 15 Mar 2023 13:33
 Operator : JC/MD
 Sample : VU0315WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK049

Quant Time: Mar 16 04:01:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 16 03:54:54 2023
 Response via : Initial Calibration

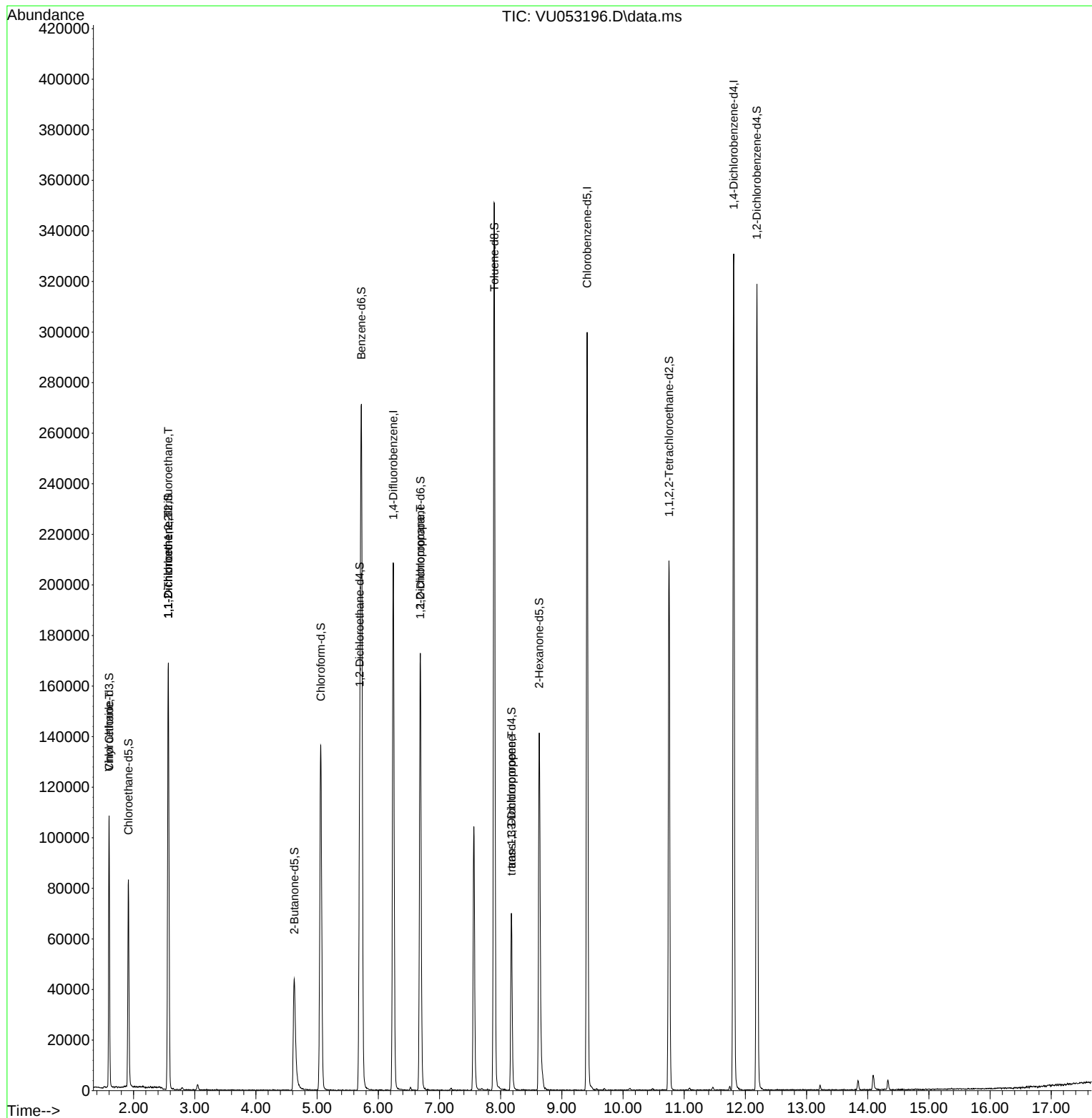
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	169917	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	161723	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	83061	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	74833	47.738	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	95.480%	
7) Chloroethane-d5	1.916	69	59319	46.782	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	93.560%	
11) 1,1-Dichloroethene-d2	2.568	63	99266	36.555	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	73.100%	
21) 2-Butanone-d5	4.626	46	70728	97.281	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	97.280%	
24) Chloroform-d	5.060	84	123803	47.950	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.900%	
26) 1,2-Dichloroethane-d4	5.697	65	78218	48.781	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.560%	
32) Benzene-d6	5.723	84	259271	49.427	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	98.860%	
36) 1,2-Dichloropropane-d6	6.687	67	85884	50.730	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	101.460%	
41) Toluene-d8	7.896	98	238538	48.843	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	97.680%	
43) trans-1,3-Dichloroprop...	8.176	79	40334	48.287	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	96.580%	
47) 2-Hexanone-d5	8.629	63	52892	99.931	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	99.930%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	109062	49.729	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	99.460%	
66) 1,2-Dichlorobenzene-d4	12.189	152	79389	49.362	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	98.720%	
Target Compounds						
8) Chloroethane	1.601	64	943	0.893	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	841	0.623	ug/L #	22
12) 1,1-Dichloroethene	2.568	96	673	0.539	ug/L #	1
37) 1,2-Dichloropropane	6.684	63	8764	5.603	ug/L #	90
44) trans-1,3-Dichloropropene	8.179	75	2118	0.902	ug/L	88

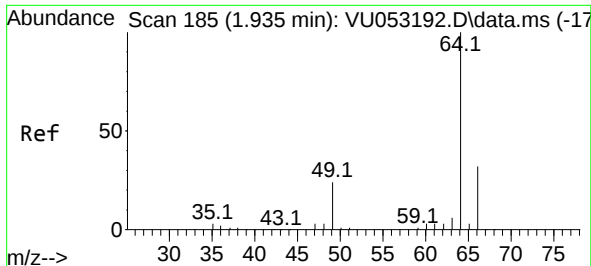
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 16 03:54:54 2023
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.893 ug/L

RT: 1.601 min Scan# 81

Delta R.T. -0.334 min

Lab File: VU053196.D

Acq: 15 Mar 2023 13:33

Instrument :

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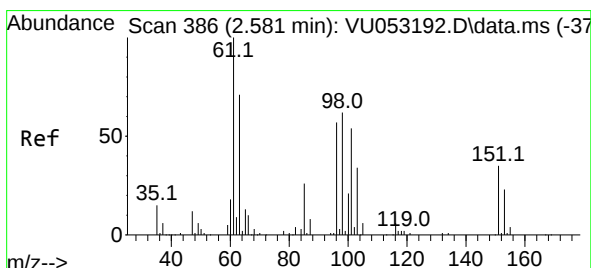
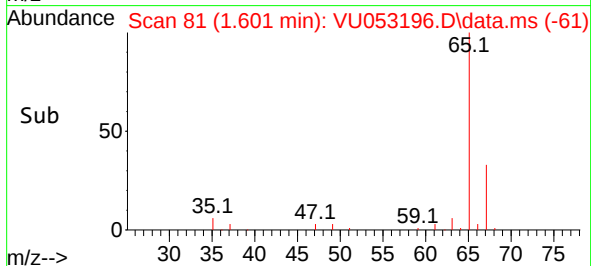
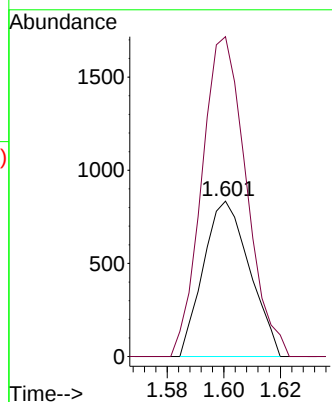
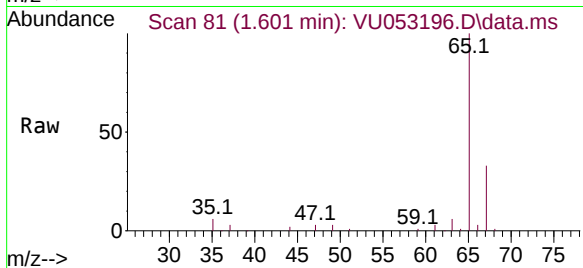
VBLK049

Tgt Ion: 64 Resp: 943

Ion Ratio Lower Upper

64 100

66 205.9 22.6 42.0#



#10

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

Concen: 0.623 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.013 min

Lab File: VU053196.D

Acq: 15 Mar 2023 13:33

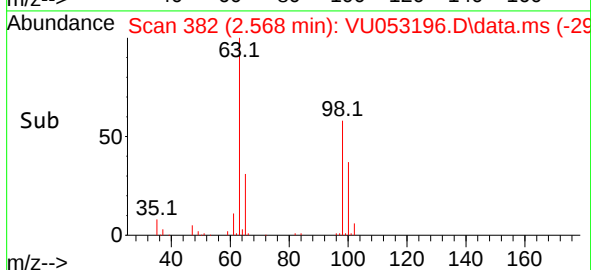
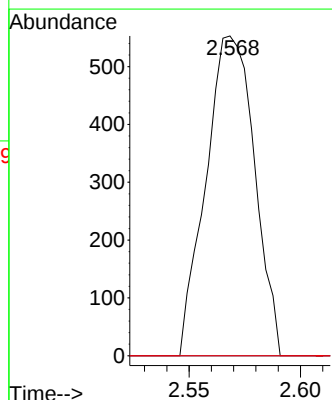
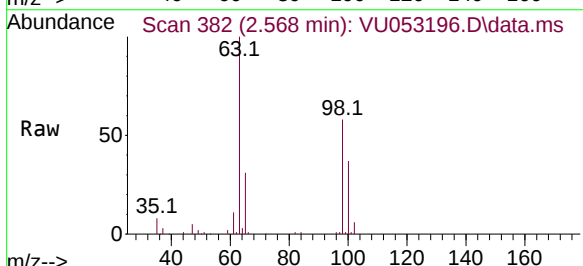
Tgt Ion:101 Resp: 841

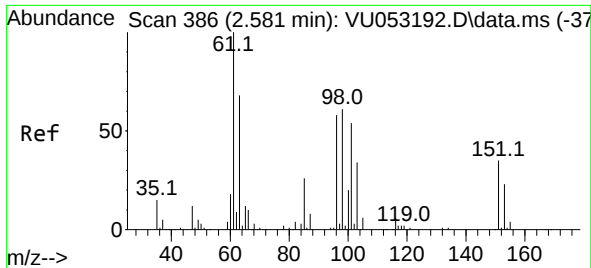
Ion Ratio Lower Upper

101 100

85 0.0 37.0 55.6#

151 0.0 52.9 79.3#





#12

1,1-Dichloroethene

Concen: 0.539 ug/L

RT: 2.568 min Scan# 31

Delta R.T. -0.013 min

Lab File: VU053196.D

Acq: 15 Mar 2023 13:33

Instrument :

MSVOA_U

ClientSampleId :

VBLK049

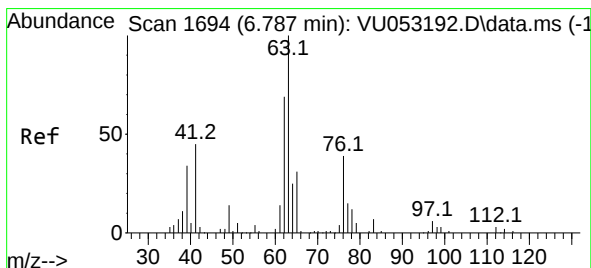
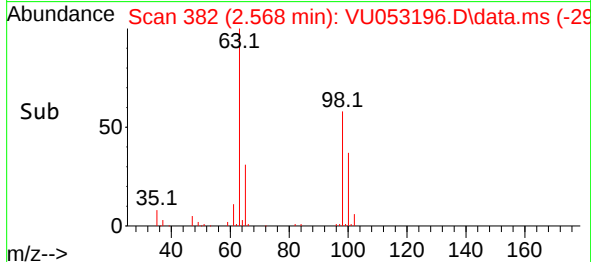
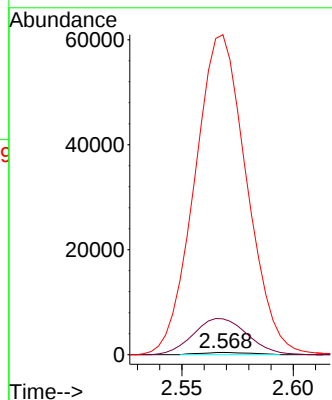
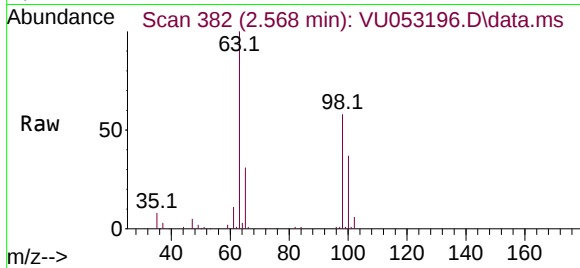
Tgt Ion: 96 Resp: 673

Ion Ratio Lower Upper

96 100

61 1616.8 122.2 226.9#

63 14413.2 89.9 166.9#



#37

1,2-Dichloropropane

Concen: 5.603 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.103 min

Lab File: VU053196.D

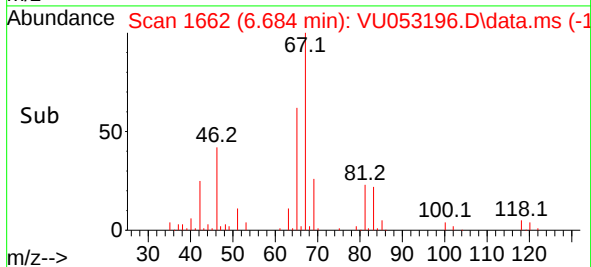
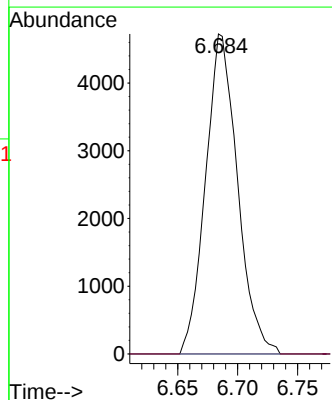
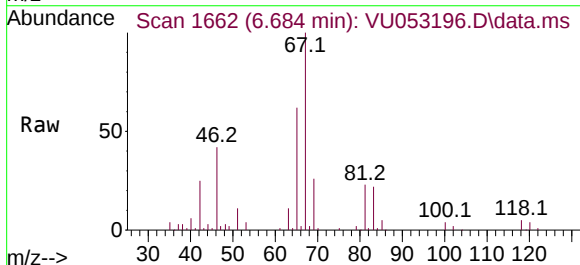
Acq: 15 Mar 2023 13:33

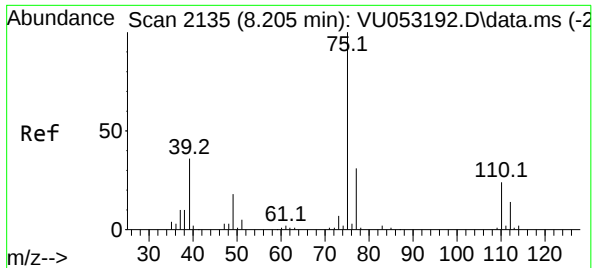
Tgt Ion: 63 Resp: 8764

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#





#44
trans-1,3-Dichloropropene
Concen: 0.902 ug/L
RT: 8.179 min Scan# 21
Delta R.T. -0.026 min
Lab File: VU053196.D
Acq: 15 Mar 2023 13:33

Instrument :
MSVOA_U
ClientSampleId :
VBLK049

Tgt Ion: 75 Resp: 2118
Ion Ratio Lower Upper
75 100
77 37.8 22.0 40.8

