

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041123\
 Data File : VU053628.D
 Acq On : 11 Apr 2023 12:18
 Operator : JC/MD
 Sample : VU0411WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK076

Quant Time: Apr 12 02:23:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 12 02:22:37 2023
 Response via : Initial Calibration

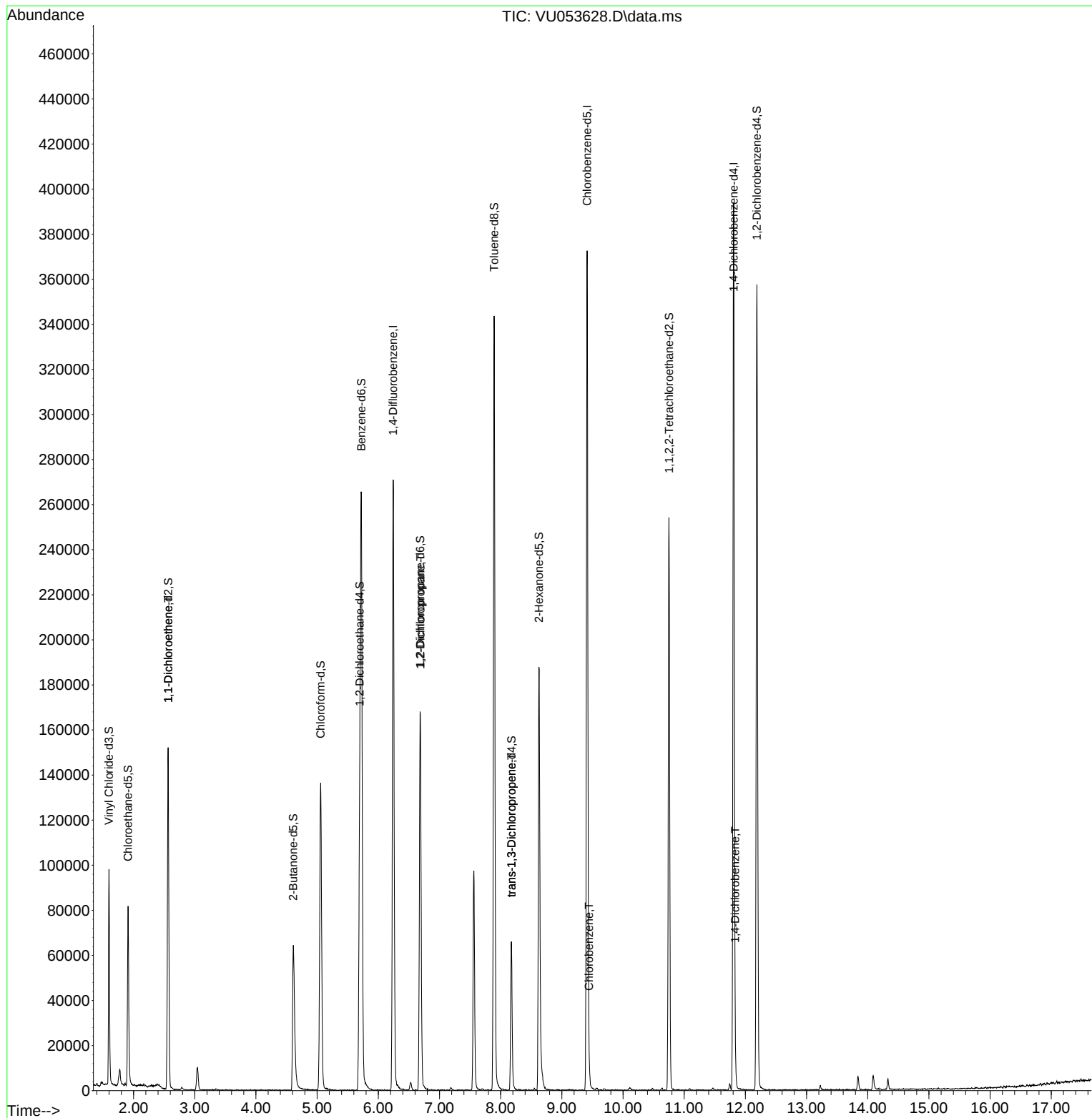
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	230554	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	214922	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	107479	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	68572	38.197	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.400%
7) Chloroethane-d5	1.909	69	61335	44.312	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.620%
11) 1,1-Dichloroethene-d2	2.565	63	85363	30.718	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.440%
21) 2-Butanone-d5	4.610	46	90052	110.792	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.790%
24) Chloroform-d	5.057	84	128946	43.431	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.860%
26) 1,2-Dichloroethane-d4	5.697	65	84064	47.916	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.840%
32) Benzene-d6	5.723	84	261658	45.103	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.684	67	83203	46.922	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.840%
41) Toluene-d8	7.893	98	240726	41.749	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.500%
43) trans-1,3-Dichloroprop...	8.176	79	39031	42.642	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.280%
47) 2-Hexanone-d5	8.626	63	67513	111.560	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.560%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	123825	49.545	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.100%
66) 1,2-Dichlorobenzene-d4	12.188	152	96645	43.078	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.160%
Target Compounds						
12) 1,1-Dichloroethene	2.565	96	926	0.655	ug/L #	1
37) 1,2-Dichloropropane	6.687	63	9109	6.406	ug/L #	86
44) trans-1,3-Dichloropropene	8.176	75	2107	0.959	ug/L	95
51) Chlorobenzene	9.443	112	4215	0.964	ug/L	95
65) 1,4-Dichlorobenzene	11.832	146	4853	1.434	ug/L	93

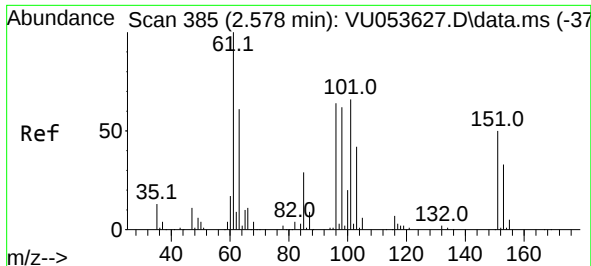
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.655 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

Lab File: VU053628.D

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ClientSampleId :

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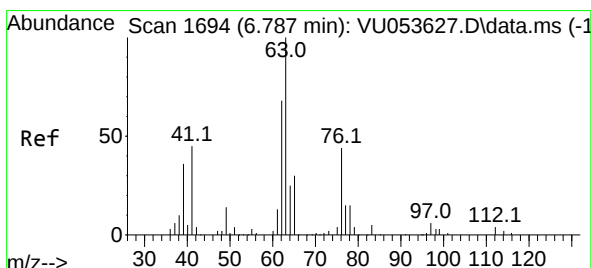
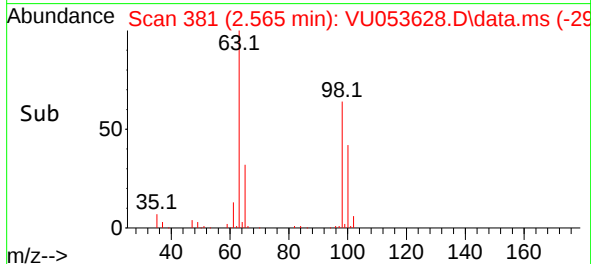
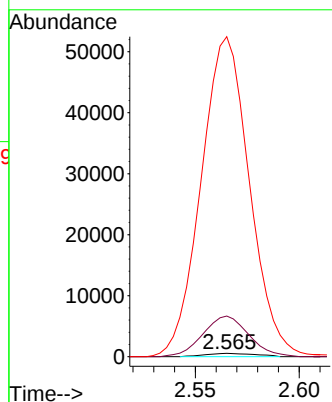
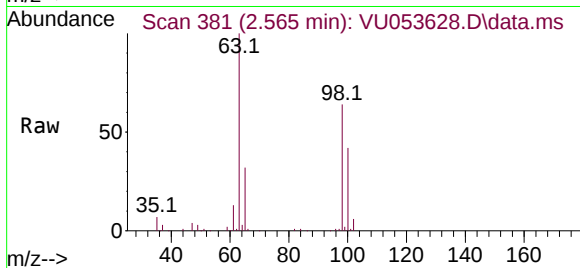
Tgt Ion: 96 Resp: 926

Ion Ratio Lower Upper

96 100

61 1219.6 107.9 200.5#

63 9592.7 79.1 146.9#



#37

1,2-Dichloropropane

Concen: 6.406 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.100 min

Lab File: VU053628.D

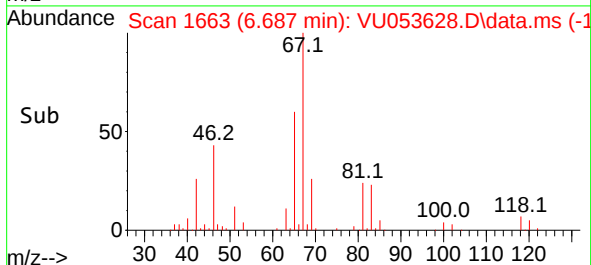
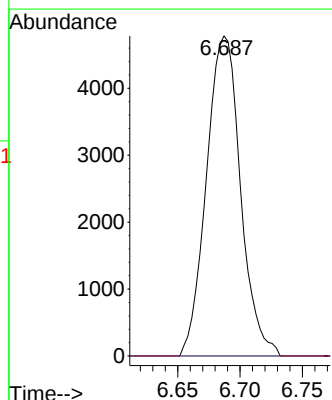
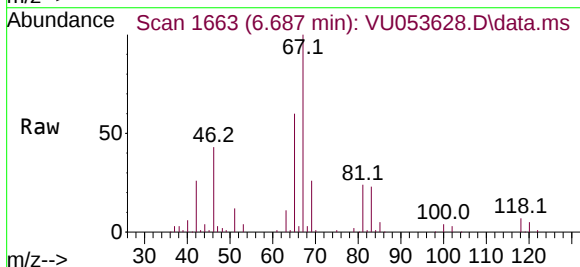
Acq: 11 Apr 2023 12:18

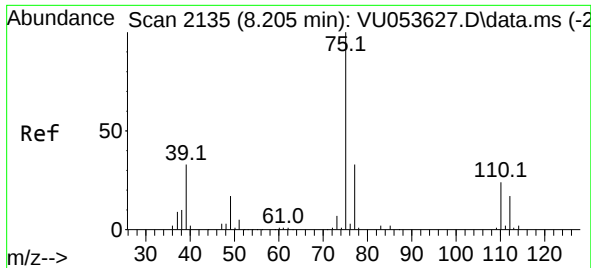
Tgt Ion: 63 Resp: 9109

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#

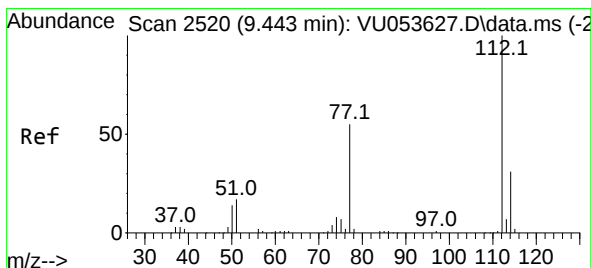
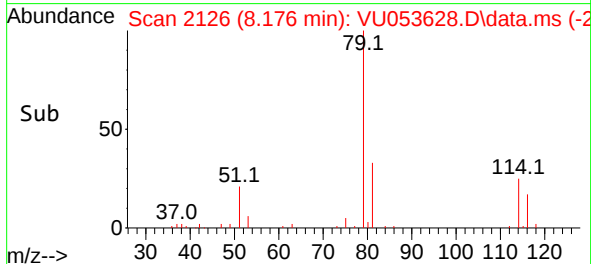
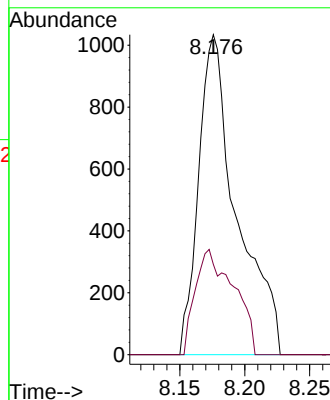
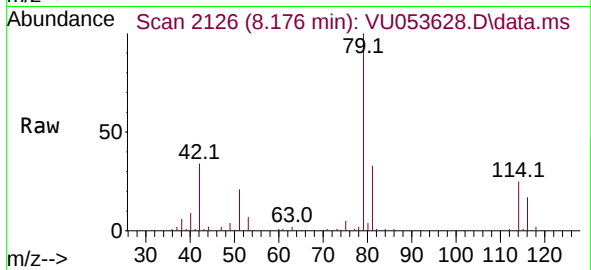




#44
trans-1,3-Dichloropropene
Concen: 0.959 ug/L
RT: 8.176 min Scan# 2135
Delta R.T. -0.029 min
Lab File: VU053628.D
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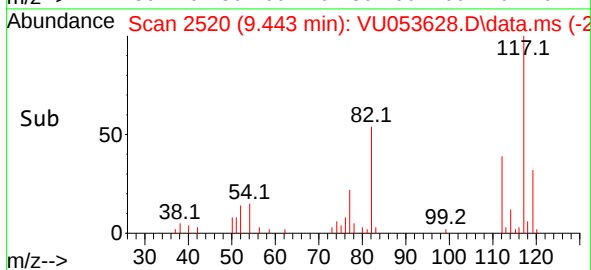
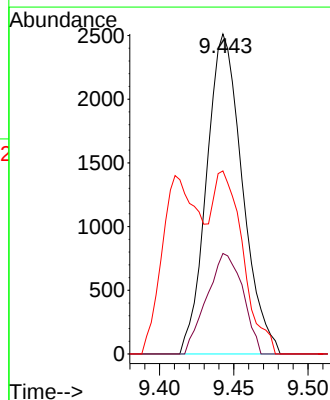
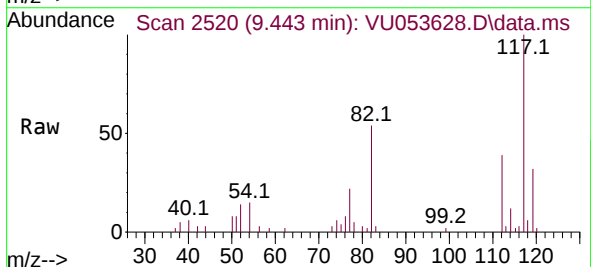
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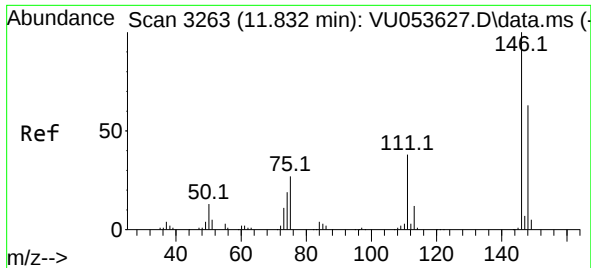
Tgt Ion: 75 Resp: 2107
Ion Ratio Lower Upper
75 100
77 28.2 21.8 40.4



#51
Chlorobenzene
Concen: 0.964 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU053628.D
Acq: 11 Apr 2023 12:18

Tgt Ion: 112 Resp: 4215
Ion Ratio Lower Upper
112 100
114 31.4 22.2 41.2
77 57.2 41.3 61.9





#65

1,4-Dichlorobenzene

Concen: 1.434 ug/L

RT: 11.832 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU053628.D

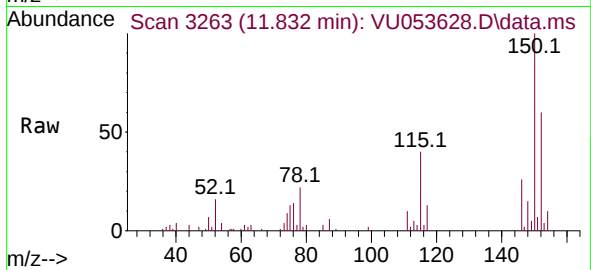
Acq: 11 Apr 2023 12:18

Instrument :

MSVOA_U

ClientSampleId :

VBLK076



Tgt Ion:146 Resp: 4853

Ion Ratio Lower Upper

146 100

111 39.6 25.1 46.5

148 57.7 44.3 82.3

