

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041123\
 Data File : VU053635.D
 Acq On : 11 Apr 2023 15:11
 Operator : JC/MD
 Sample : 02251-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COMD7

Quant Time: Apr 12 02:24:54 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)

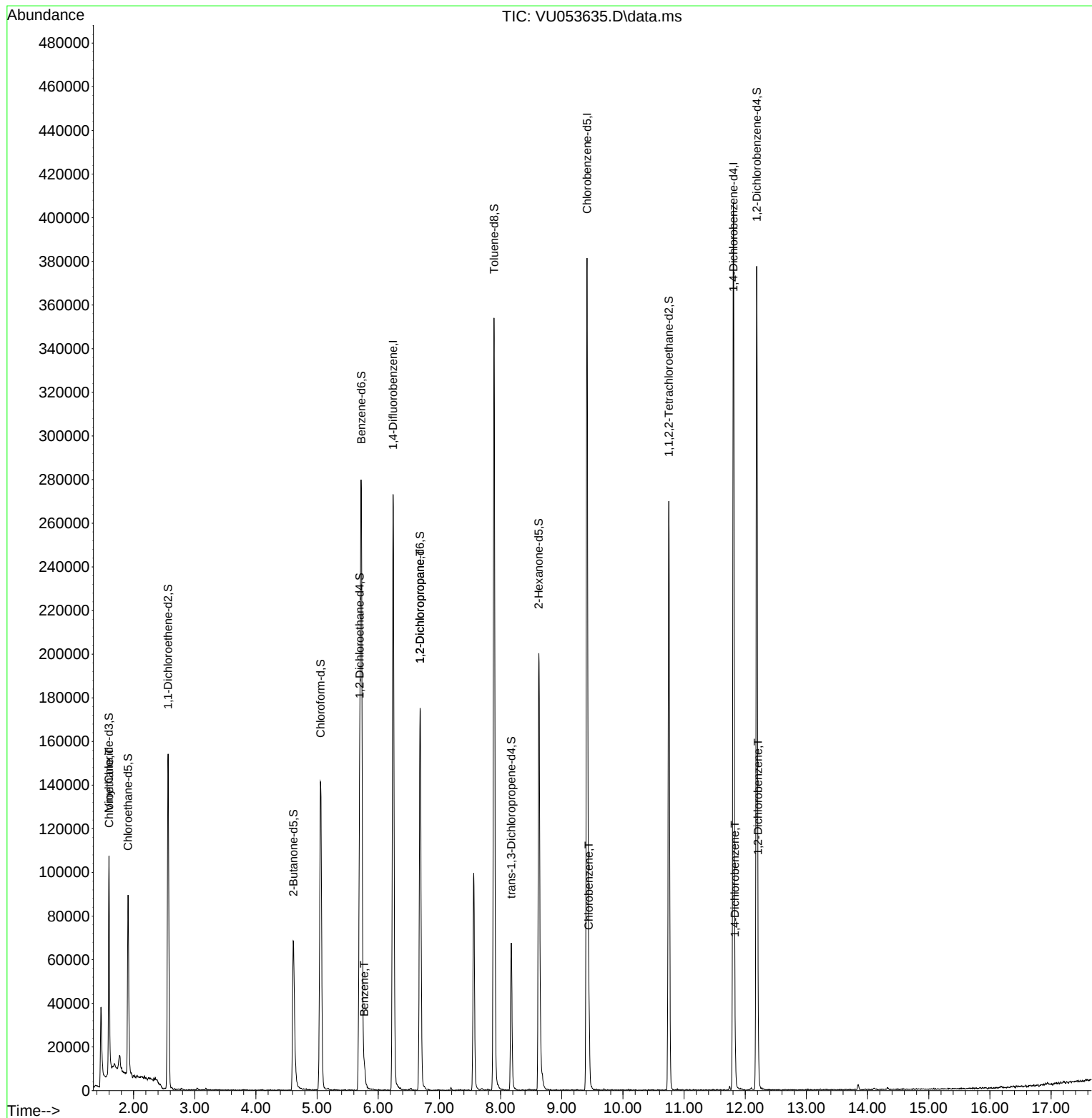
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	232425	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	222427	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	112701	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	70962	39.210	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.420%
7) Chloroethane-d5	1.909	69	64083	45.924	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.840%
11) 1,1-Dichloroethene-d2	2.565	63	87856	31.360	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.720%
21) 2-Butanone-d5	4.613	46	95547	116.606	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.610%
24) Chloroform-d	5.057	84	134631	44.981	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.960%
26) 1,2-Dichloroethane-d4	5.697	65	86969	49.173	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.340%
32) Benzene-d6	5.722	84	272731	45.426	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.860%
36) 1,2-Dichloropropane-d6	6.684	67	88081	47.997	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.000%
41) Toluene-d8	7.893	98	247936	41.549	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.100%
43) trans-1,3-Dichloroprop...	8.176	79	39951	42.175	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.340%
47) 2-Hexanone-d5	8.626	63	72645	115.990	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.990%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	131217	50.731	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.460%
66) 1,2-Dichlorobenzene-d4	12.188	152	103320	43.920	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.840%
Target Compounds						
					Qvalue	
8) Chloroethane	1.600	64	4096	3.791	ug/L	98
33) Benzene	5.771	78	9540	1.646	ug/L	100
37) 1,2-Dichloropropane	6.684	63	9153	6.220	ug/L #	86
51) Chlorobenzene	9.443	112	20422	4.513	ug/L	97
65) 1,4-Dichlorobenzene	11.832	146	5958	1.679	ug/L #	92
67) 1,2-Dichlorobenzene	12.208	146	3800	1.095	ug/L #	92

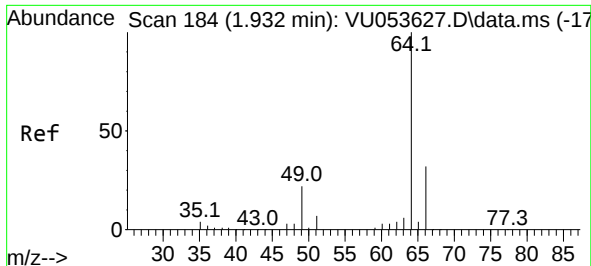
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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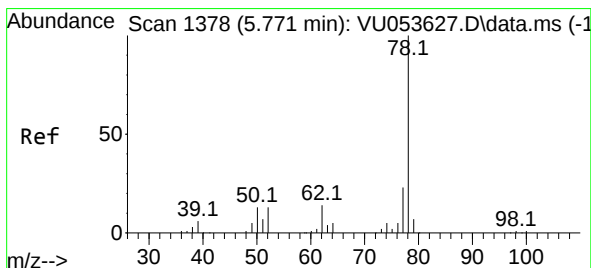
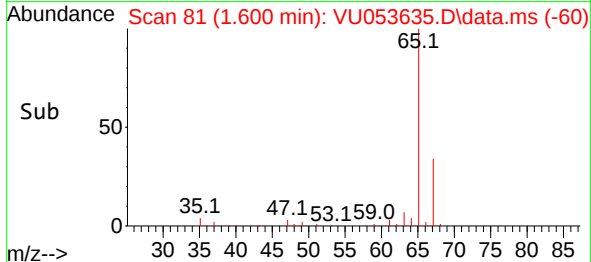
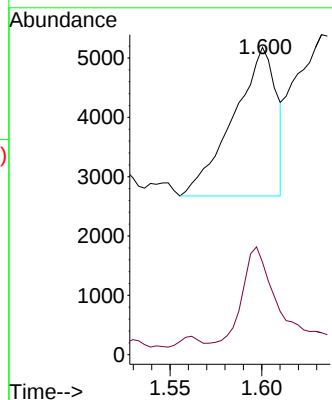
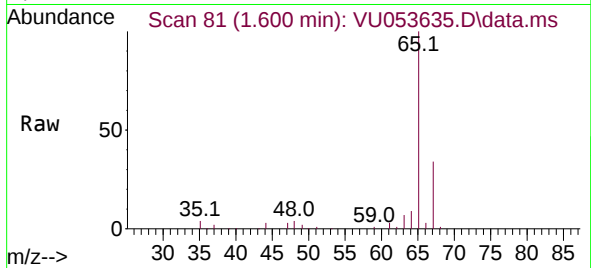




#8
Chloroethane
Concen: 3.791 ug/L
RT: 1.600 min Scan# 81
Delta R.T. -0.331 min
Lab File: VU053635.D
Acq: 11 Apr 2023 15:11

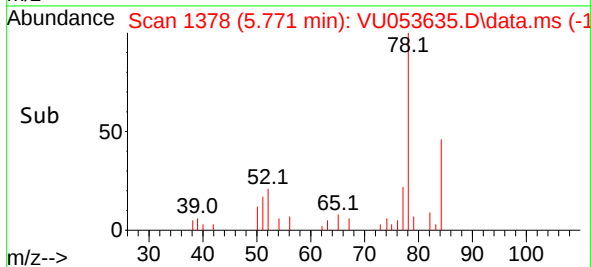
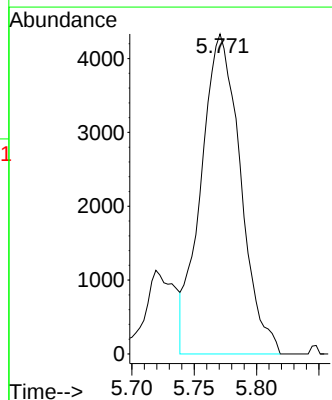
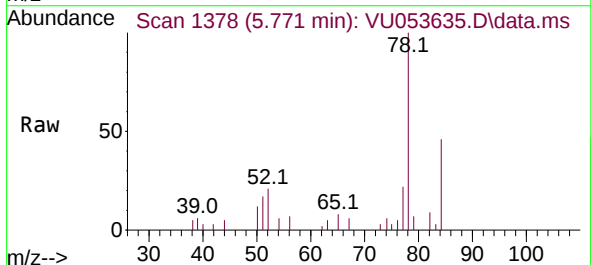
Instrument :
MSVOA_U
ClientSampleId :
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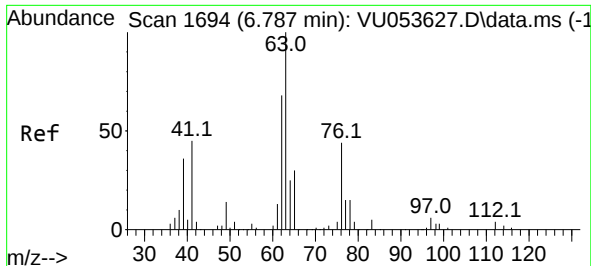
Tgt Ion: 64 Resp: 4096
Ion Ratio Lower Upper
64 100
66 30.1 21.8 40.6



#33
Benzene
Concen: 1.646 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU053635.D
Acq: 11 Apr 2023 15:11

Tgt Ion: 78 Resp: 9540

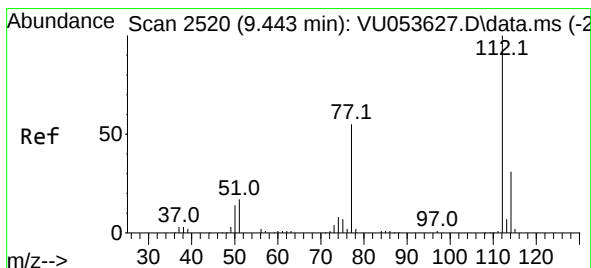
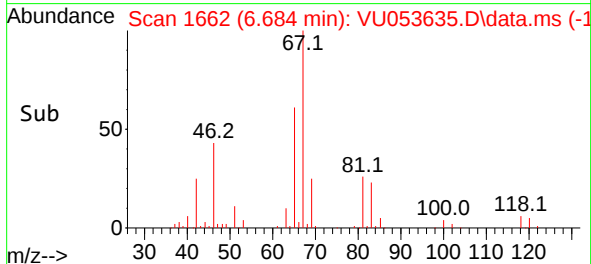
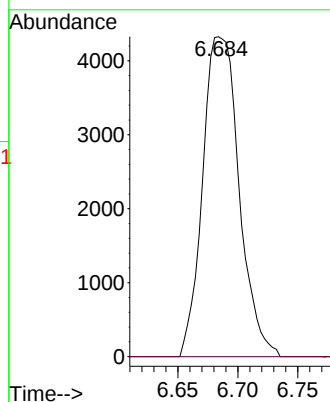
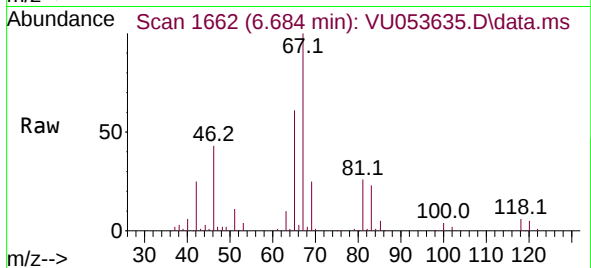




#37
1,2-Dichloropropane
Concen: 6.220 ug/L
RT: 6.684 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU053635.D
Acq: 11 Apr 2023 15:11

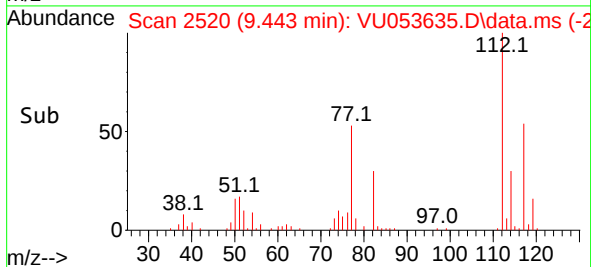
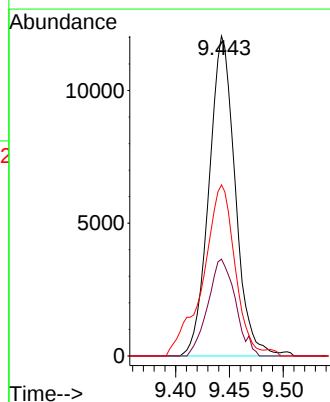
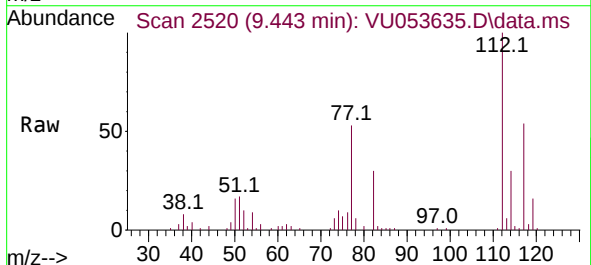
Instrument :
MSVOA_U
ClientSampleId :
COMD7

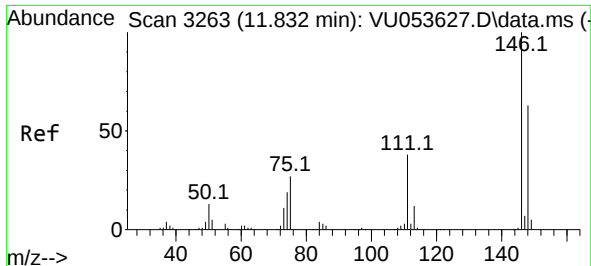
Tgt Ion: 63 Resp: 9153
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



#51
Chlorobenzene
Concen: 4.513 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU053635.D
Acq: 11 Apr 2023 15:11

Tgt Ion: 112 Resp: 20422
Ion Ratio Lower Upper
112 100
114 30.2 22.2 41.2
77 53.4 41.3 61.9

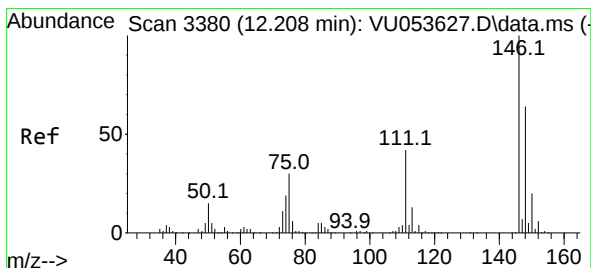
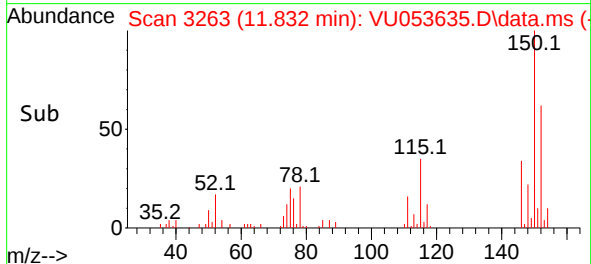
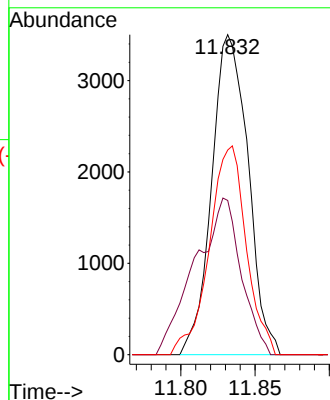
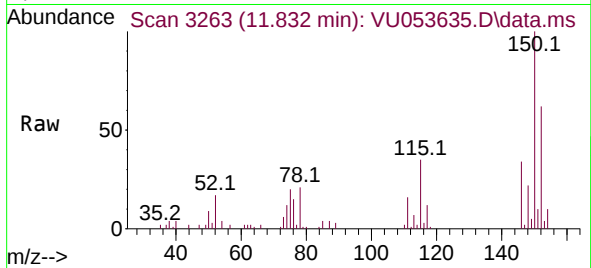




#65
1,4-Dichlorobenzene
Concen: 1.679 ug/L
RT: 11.832 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU053635.D
Acq: 11 Apr 2023 15:11

Instrument :
MSVOA_U
ClientSampleId :
COMD7

Tgt Ion:146 Resp: 5958
Ion Ratio Lower Upper
146 100
111 48.2 25.1 46.5#
148 64.0 44.3 82.3



#67
1,2-Dichlorobenzene
Concen: 1.095 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU053635.D
Acq: 11 Apr 2023 15:11

Tgt Ion:146 Resp: 3800
Ion Ratio Lower Upper
146 100
111 49.1 31.5 47.3#
148 67.4 51.6 77.4

