

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100721\
 Data File : VU045230.D
 Acq On : 08 Oct 2021 00:15
 Operator : SY/MD
 Sample : M4138-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW7F4

Quant Time: Oct 08 02:13:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 22:18:46 2021
 Response via : Initial Calibration

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

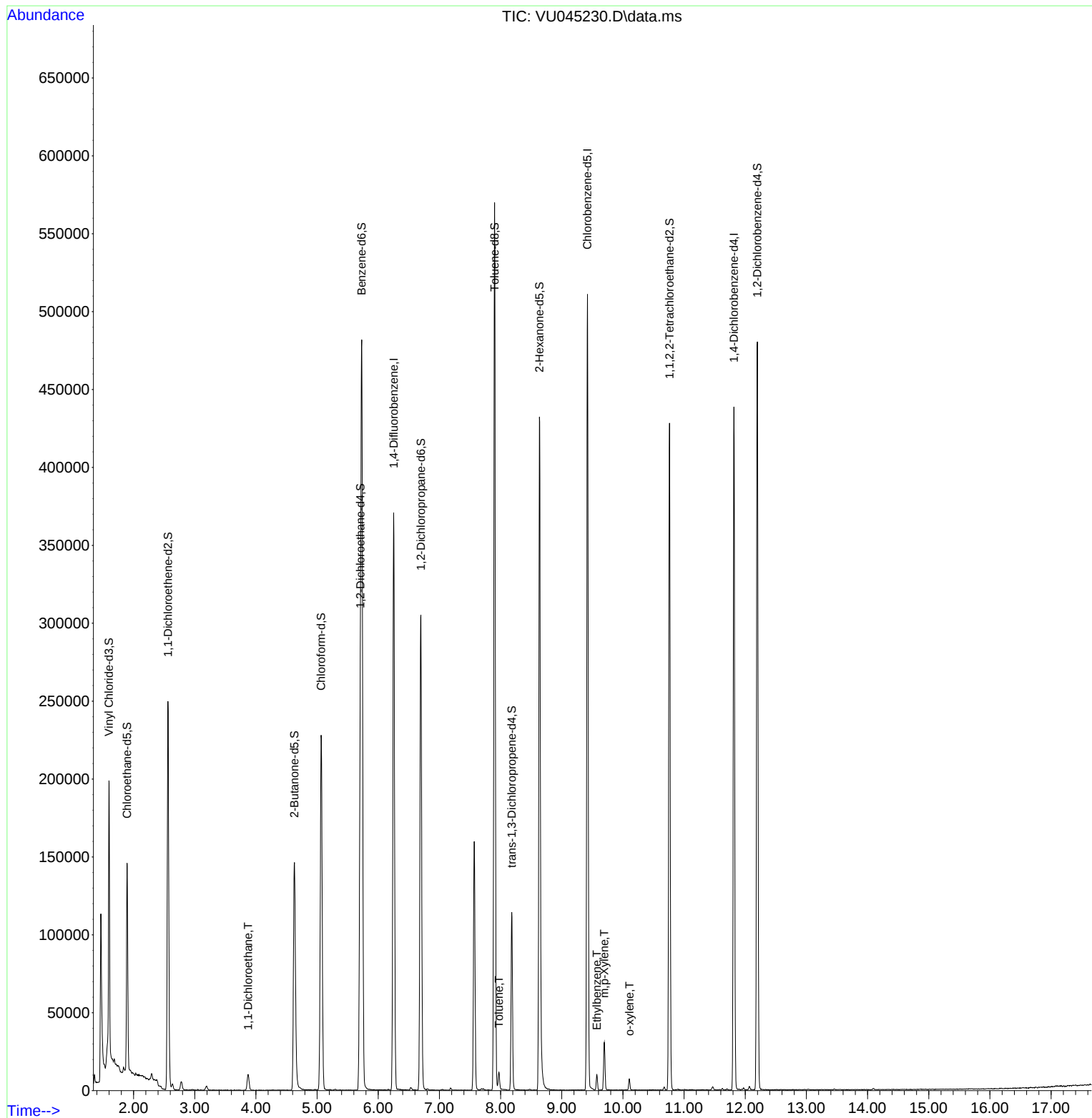
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	283046	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	261565	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	106273	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	113987	36.787	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	73.580%	
7) Chloroethane-d5	1.893	69	101261	41.241	ug/L	-0.02
Spiked Amount	50.000	Range 70 - 130	Recovery	=	82.480%	
11) 1,1-Dichloroethene-d2	2.562	63	152527	29.312	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	58.620%#	
21) 2-Butanone-d5	4.629	46	212077	86.576	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	86.580%	
24) Chloroform-d	5.066	84	204928	41.875	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	83.760%	
26) 1,2-Dichloroethane-d4	5.706	65	146830	44.294	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.580%	
32) Benzene-d6	5.729	84	423866	46.701	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.400%	
36) 1,2-Dichloropropane-d6	6.697	67	138248	46.714	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	93.420%	
41) Toluene-d8	7.902	98	358988	45.832	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	91.660%	
43) trans-1,3-Dichloroprop...	8.182	79	60124	45.671	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	91.340%	
47) 2-Hexanone-d5	8.636	63	149931	91.419	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	91.420%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	212149	46.035	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	92.080%	
66) 1,2-Dichlorobenzene-d4	12.198	152	116948	50.566	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	101.140%	
Target Compounds						
					Qvalue	
19) 1,1-Dichloroethane	3.874	63	12385	2.578	ug/L	96
42) Toluene	7.973	91	7745	0.786	ug/L	99
52) Ethylbenzene	9.574	91	7402	0.711	ug/L	100
53) m,p-Xylene	9.697	106	8909	2.258	ug/L	86
54) o-xylene	10.108	106	2011	0.519	ug/L	86

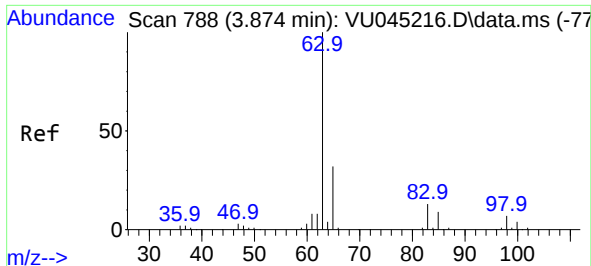
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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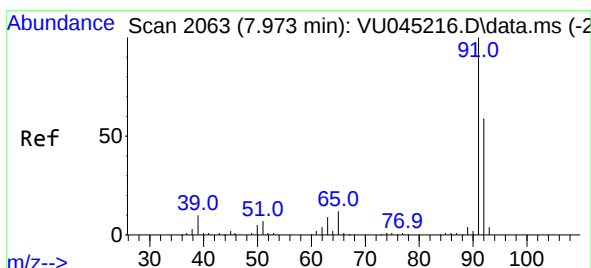
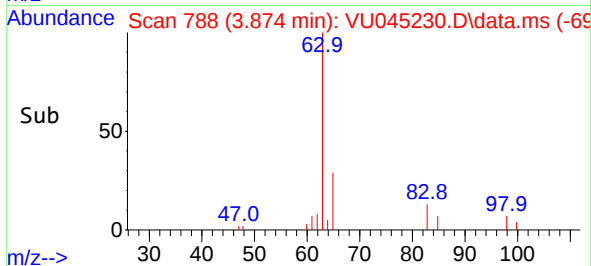
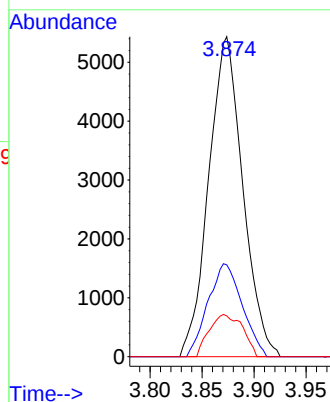
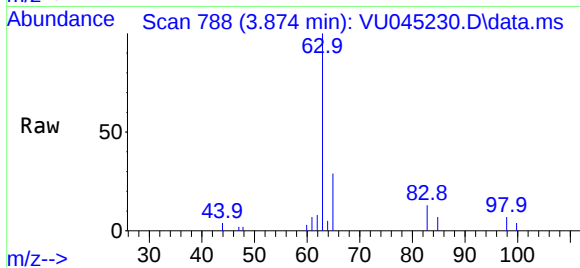




#19
1,1-Dichloroethane
Concen: 2.578 ug/L
RT: 3.874 min Scan# 788
Delta R.T. -0.000 min
Lab File: VU045230.D
Acq: 08 Oct 2021 00:15

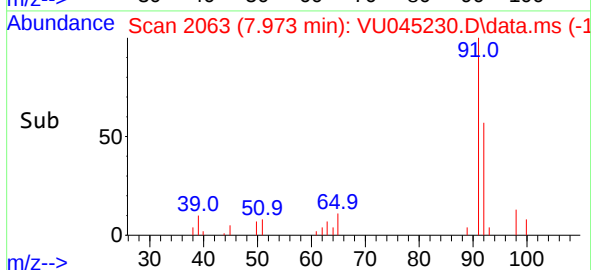
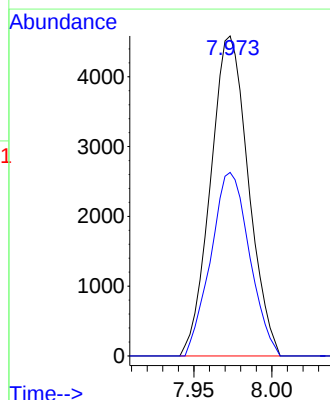
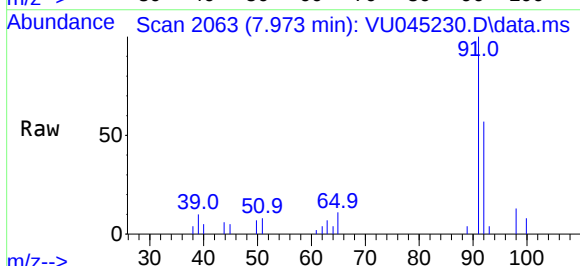
Instrument :
MSVOA_U
ClientSampled :
EW7F4

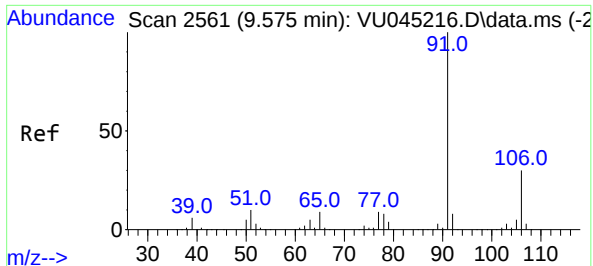
Tgt Ion:	63	Resp:	12385
Ion	Ratio	Lower	Upper
63	100		
65	28.7	22.0	40.8
83	12.7	9.0	16.6



#42
Toluene
Concen: 0.786 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045230.D
Acq: 08 Oct 2021 00:15

Tgt Ion:	91	Resp:	7745
Ion	Ratio	Lower	Upper
91	100		
92	57.3	40.5	75.1

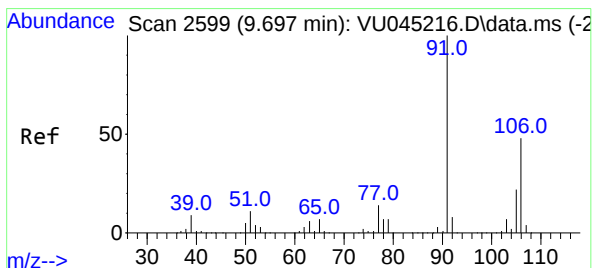
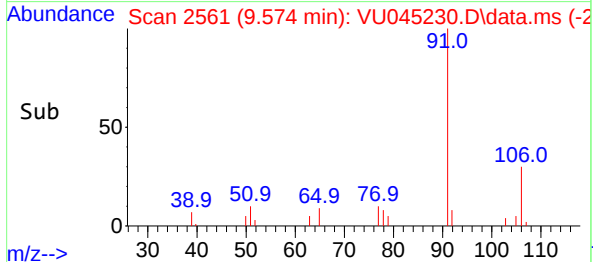
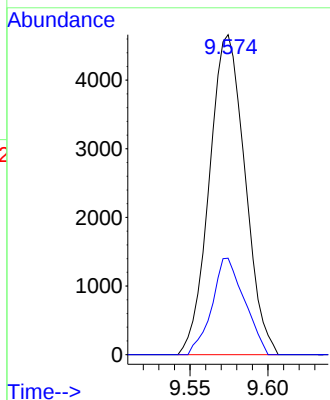
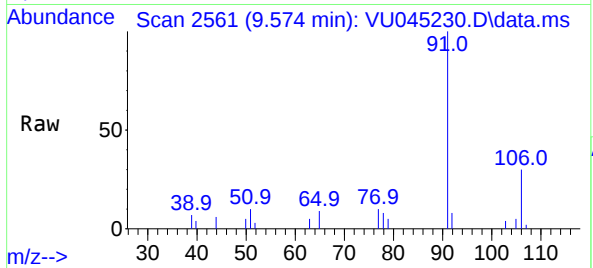




#52
Ethylbenzene
Concen: 0.711 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU045230.D
Acq: 08 Oct 2021 00:15

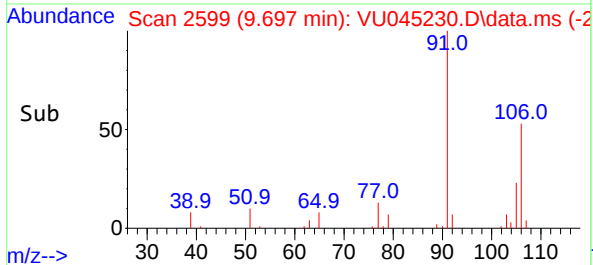
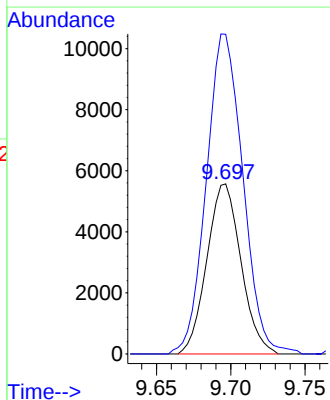
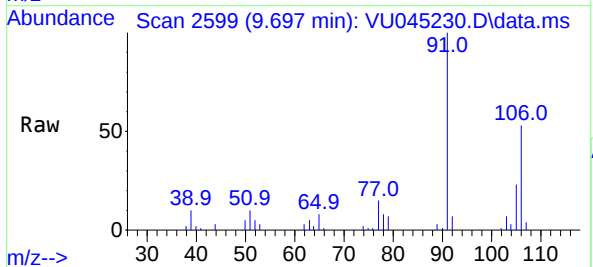
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MSVOA_U
ClientSampled :
EW7F4

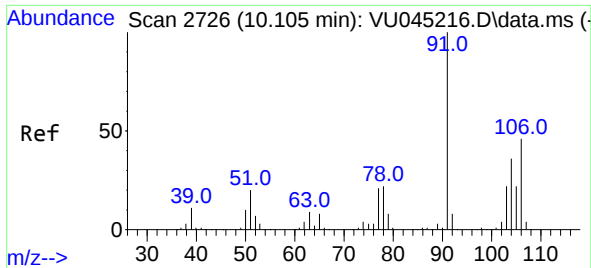
Tgt Ion: 91 Resp: 7402
Ion Ratio Lower Upper
91 100
106 30.2 21.2 39.4



#53
m,p-Xylene
Concen: 2.258 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU045230.D
Acq: 08 Oct 2021 00:15

Tgt Ion: 106 Resp: 8909
Ion Ratio Lower Upper
106 100
91 188.0 146.7 272.4





#54
o-xylene
Concen: 0.519 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.003 min
Lab File: VU045230.D
Acq: 08 Oct 2021 00:15

Instrument :
MSVOA_U
ClientSampleId :
EW7F4

Tgt Ion:106 Resp: 2011
Ion Ratio Lower Upper
106 100
91 195.5 152.9 283.9

