

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100721\
 Data File : VU045234.D
 Acq On : 08 Oct 2021 01:51
 Operator : SY/MD
 Sample : M4138-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW7F2

Quant Time: Oct 08 02:14:59 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)

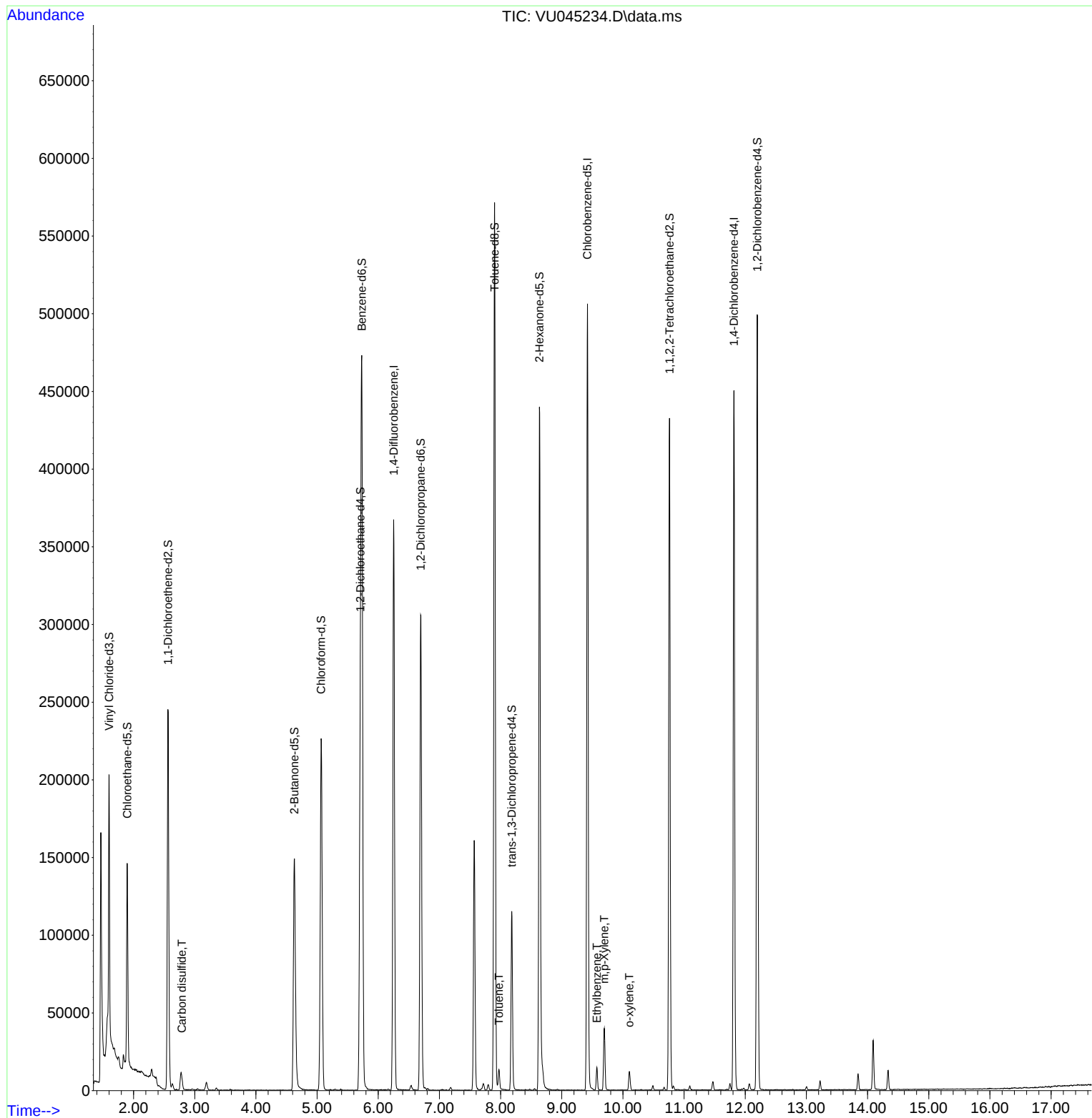
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	282604	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	262696	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	108691	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	108976	35.225	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.460%
7) Chloroethane-d5	1.896	69	98039	39.991	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.980%
11) 1,1-Dichloroethene-d2	2.562	63	149416	28.759	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.520%#
21) 2-Butanone-d5	4.629	46	214683	87.777	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.780%
24) Chloroform-d	5.067	84	204524	41.858	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.720%
26) 1,2-Dichloroethane-d4	5.706	65	146725	44.332	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.660%
32) Benzene-d6	5.732	84	422832	46.386	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.780%
36) 1,2-Dichloropropane-d6	6.693	67	139309	46.870	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.740%
41) Toluene-d8	7.902	98	364324	46.313	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.620%
43) trans-1,3-Dichloroprop...	8.182	79	61422	46.457	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.920%
47) 2-Hexanone-d5	8.636	63	153455	93.165	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.160%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	214348	46.312	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.620%
66) 1,2-Dichlorobenzene-d4	12.198	152	120945	51.131	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.260%
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.790	76	4901	0.699	ug/L	98
42) Toluene	7.973	91	9326	0.942	ug/L	96
52) Ethylbenzene	9.574	91	10543	1.008	ug/L	95
53) m,p-Xylene	9.697	106	11326	2.859	ug/L	95
54) o-xylene	10.105	106	3044	0.782	ug/L	93

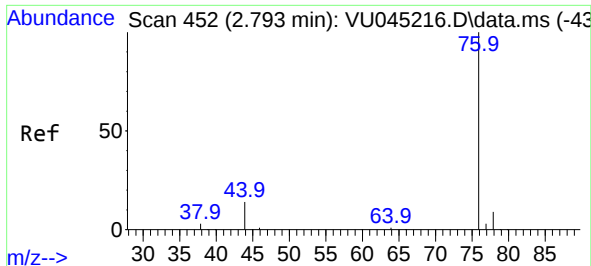
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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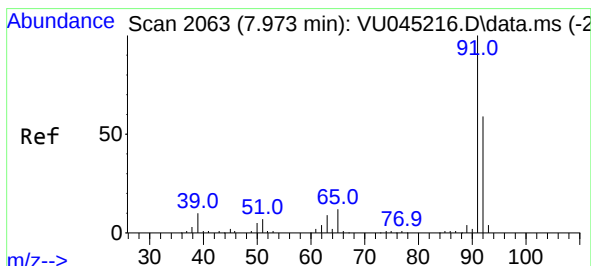
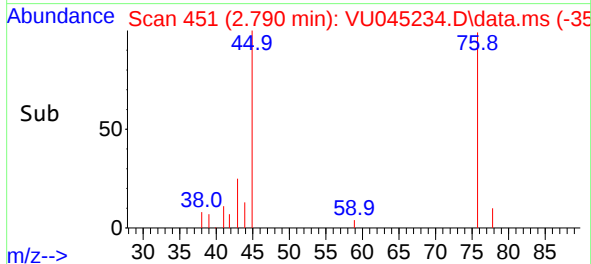
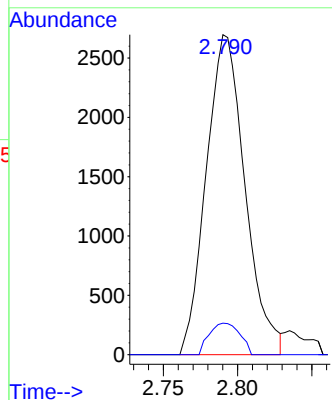
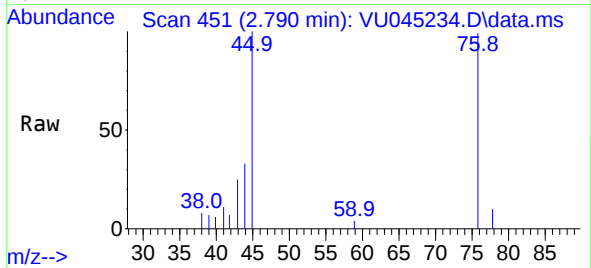




#14
Carbon disulfide
Concen: 0.699 ug/L
RT: 2.790 min Scan# 451
Delta R.T. -0.003 min
Lab File: VU045234.D
Acq: 08 Oct 2021 01:51

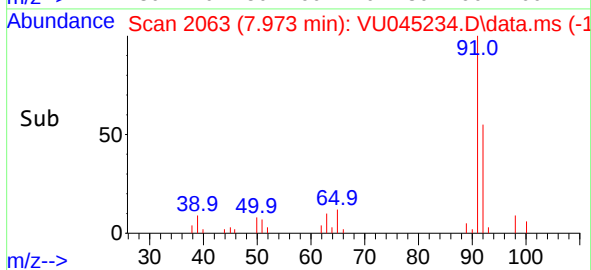
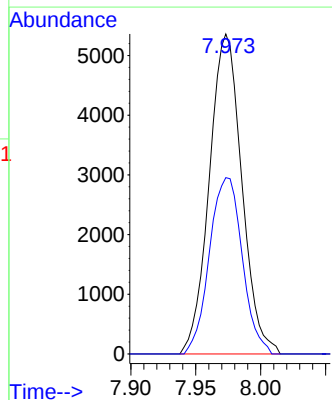
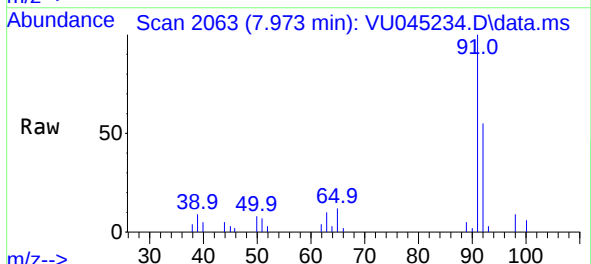
Instrument :
MSVOA_U
ClientSampled :
EW7F2

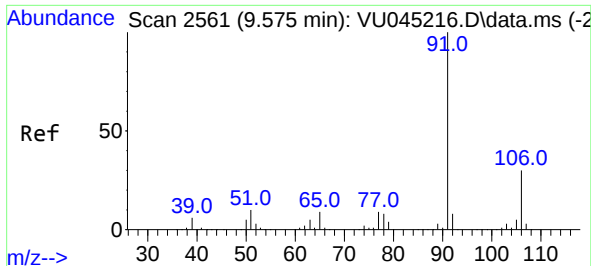
Tgt Ion: 76 Resp: 4901
Ion Ratio Lower Upper
76 100
78 9.9 7.3 10.9



#42
Toluene
Concen: 0.942 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045234.D
Acq: 08 Oct 2021 01:51

Tgt Ion: 91 Resp: 9326
Ion Ratio Lower Upper
91 100
92 55.1 40.5 75.1

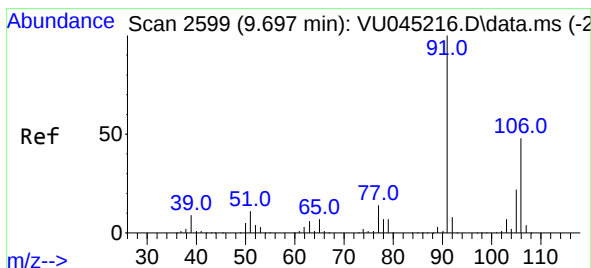
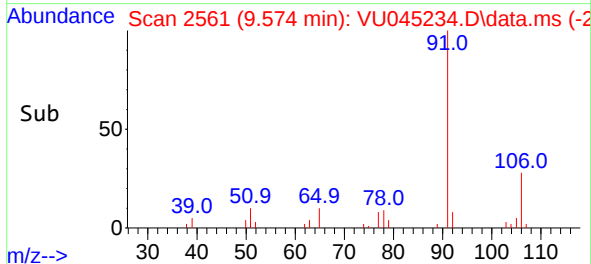
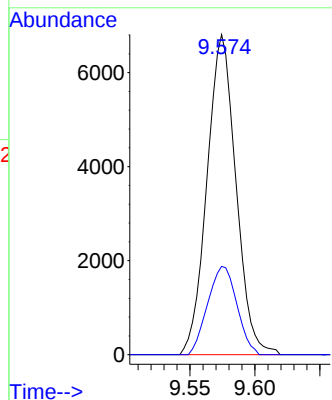
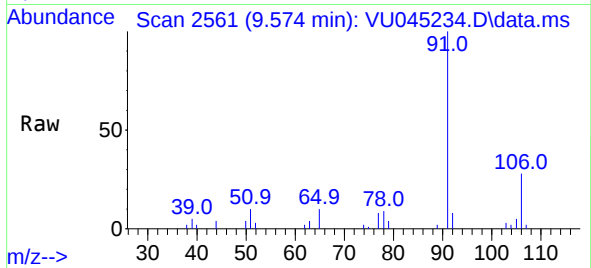




#52
Ethylbenzene
Concen: 1.008 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU045234.D
Acq: 08 Oct 2021 01:51

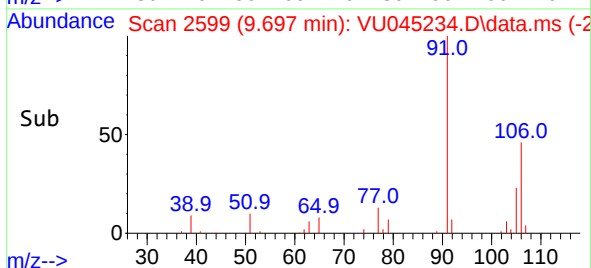
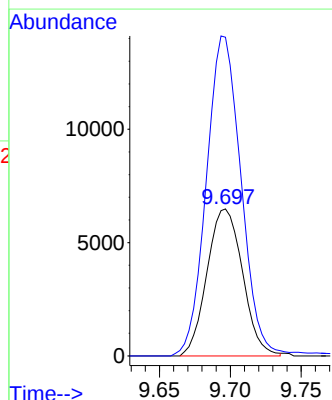
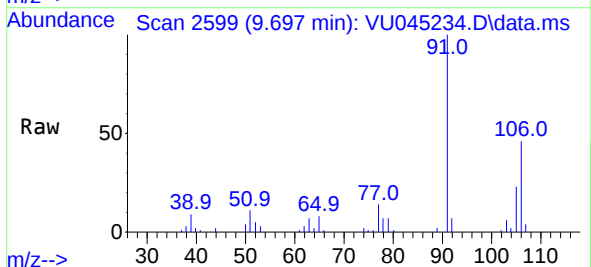
Instrument :
MSVOA_U
ClientSampleId :
EW7F2

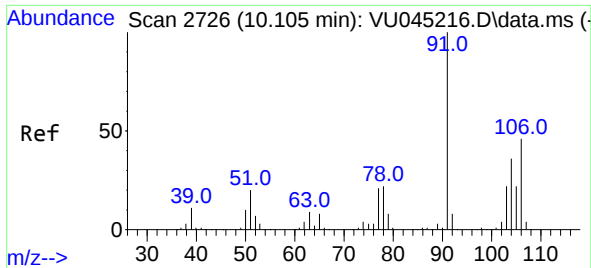
Tgt Ion: 91 Resp: 10543
Ion Ratio Lower Upper
91 100
106 27.6 21.2 39.4



#53
m,p-Xylene
Concen: 2.859 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU045234.D
Acq: 08 Oct 2021 01:51

Tgt Ion: 106 Resp: 11326
Ion Ratio Lower Upper
106 100
91 201.0 146.7 272.4





#54
o-xylene
Concen: 0.782 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU045234.D
Acq: 08 Oct 2021 01:51

Instrument :
MSVOA_U
ClientSampleId :
EW7F2

Tgt Ion:106 Resp: 3044
Ion Ratio Lower Upper
106 100
91 207.4 152.9 283.9

