

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
 Data File : VU046197.D
 Acq On : 08 Dec 2021 23:42
 Operator : SY/MD
 Sample : M4982-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CQ3

Quant Time: Dec 09 04:37:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

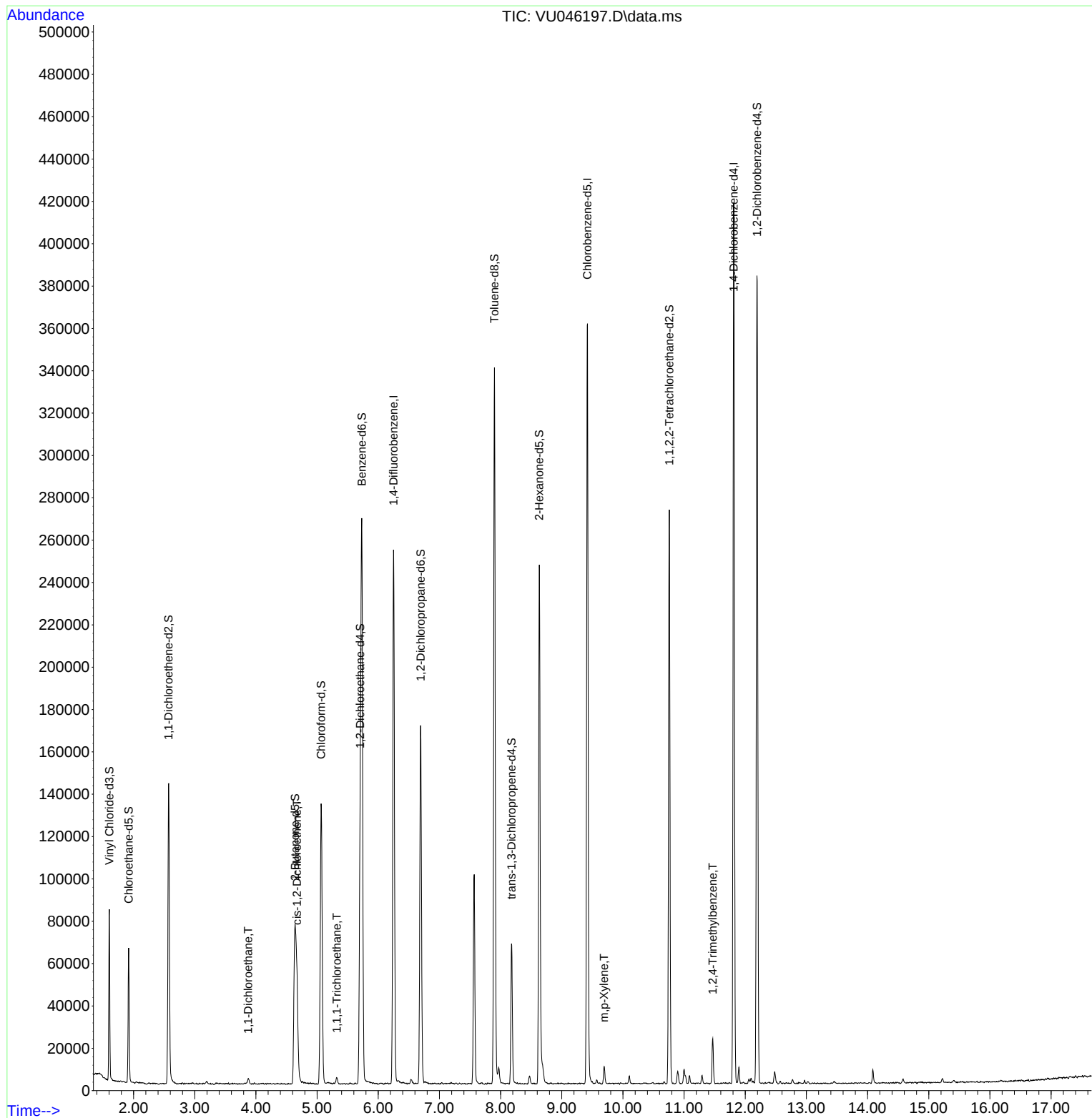
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	214748	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	211252	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	113269	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	55679	31.475	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.960%
7) Chloroethane-d5	1.919	69	45175	33.261	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	66.520%#
11) 1,1-Dichloroethene-d2	2.572	63	84426	26.585	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.180%#
21) 2-Butanone-d5	4.639	46	127896	90.948	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.950%
24) Chloroform-d	5.067	84	125113	42.352	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.700%
26) 1,2-Dichloroethane-d4	5.703	65	83117	41.924	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.840%
32) Benzene-d6	5.732	84	255149	42.140	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.280%
36) 1,2-Dichloropropane-d6	6.694	67	81452	43.406	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.820%
41) Toluene-d8	7.899	98	232582	42.189	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.380%
43) trans-1,3-Dichloroprop...	8.179	79	39543	43.653	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.300%
47) 2-Hexanone-d5	8.633	63	91538	102.884	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.880%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	131571	46.234	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.460%
66) 1,2-Dichlorobenzene-d4	12.195	152	102762	47.109	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.220%
Target Compounds						
19) 1,1-Dichloroethane	3.874	63	3177	1.112	ug/L	94
20) cis-1,2-Dichloroethene	4.671	96	17687	10.373	ug/L	96
30) 1,1,1-Trichloroethane	5.324	97	2426	0.936	ug/L #	71
53) m,p-Xylene	9.694	106	2641	0.917	ug/L	94
63) 1,2,4-Trimethylbenzene	11.468	105	12921	2.102	ug/L	97

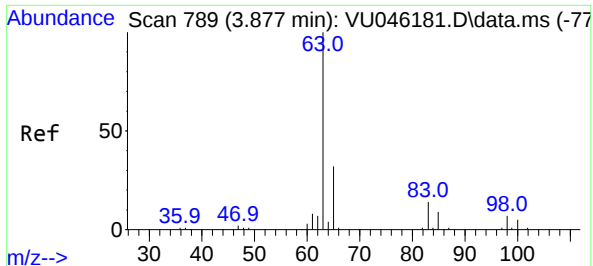
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046197.D
Acq On : 08 Dec 2021 23:42
Operator : SY/MD
Sample : M4982-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CQ3

Quant Time: Dec 09 04:37:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration



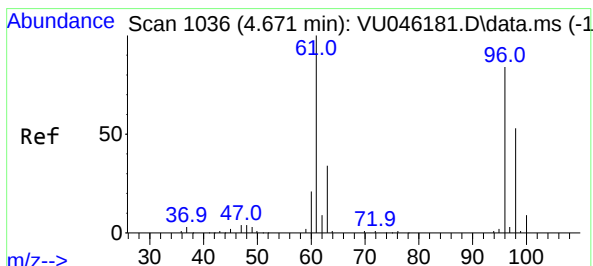
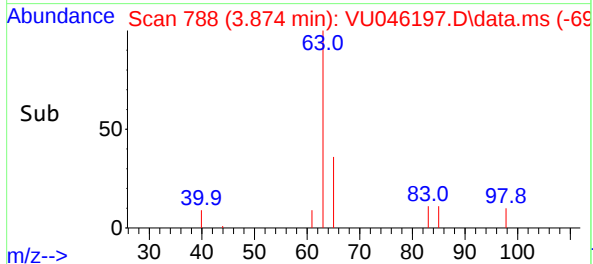
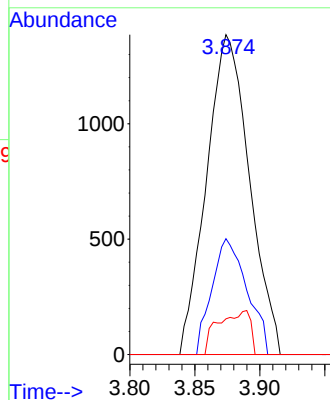
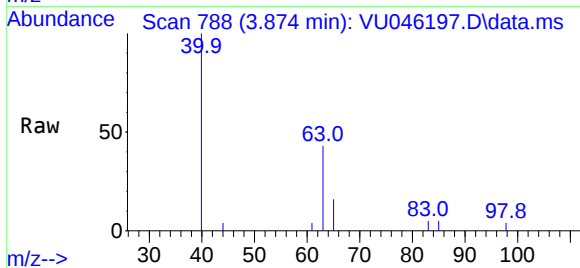


#19
1,1-Dichloroethane
Concen: 1.112 ug/L
RT: 3.874 min Scan# 789
Delta R.T. -0.003 min
Lab File: VU046197.D
Acq: 08 Dec 2021 23:42

Instrument :
MSVOA_U
ClientSampleId :
C0CQ3

Tgt Ion: 63 Resp: 3177

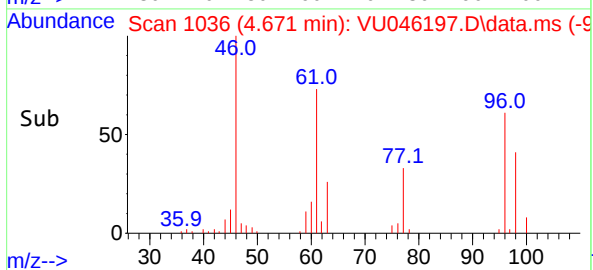
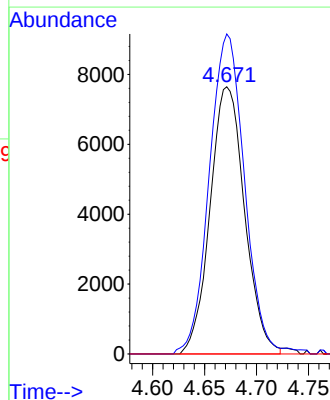
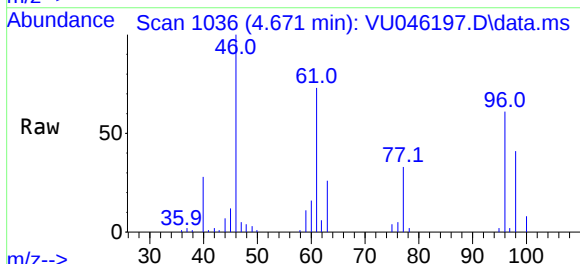
Ion	Ratio	Lower	Upper
63	100		
65	36.2	22.8	42.4
83	11.2	9.6	17.8

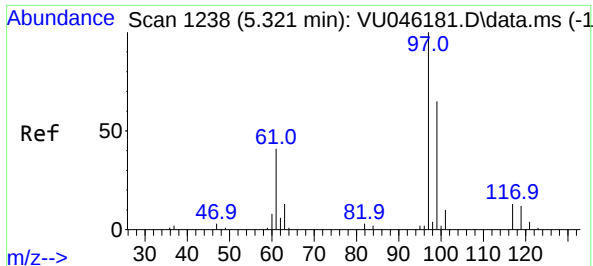


#20
cis-1,2-Dichloroethene
Concen: 10.373 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU046197.D
Acq: 08 Dec 2021 23:42

Tgt Ion: 96 Resp: 17687

Ion	Ratio	Lower	Upper
96	100		
61	119.7	86.8	161.2
68	0.0	0.0	0.0

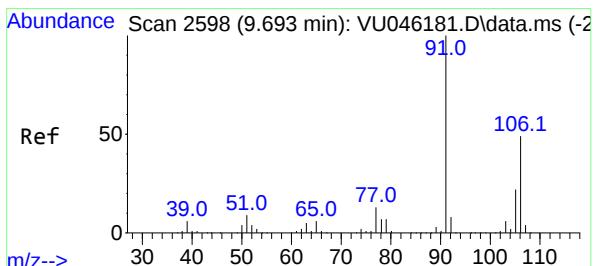
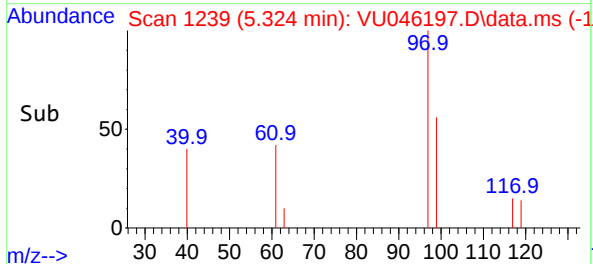
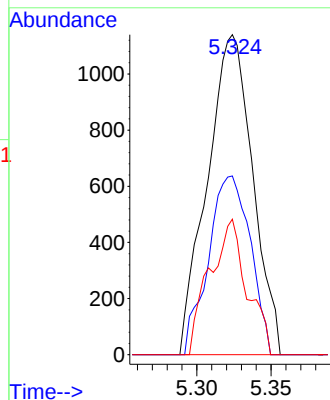
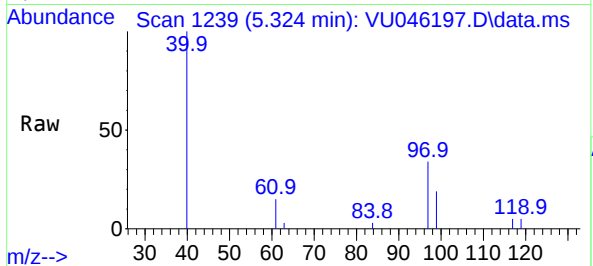




#30
1,1,1-Trichloroethane
Concen: 0.936 ug/L
RT: 5.324 min Scan# 1238
Delta R.T. 0.003 min
Lab File: VU046197.D
Acq: 08 Dec 2021 23:42

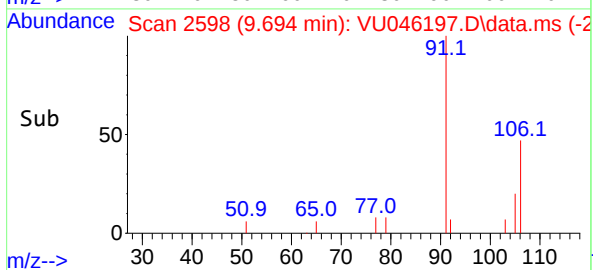
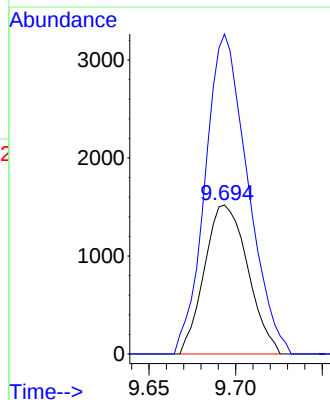
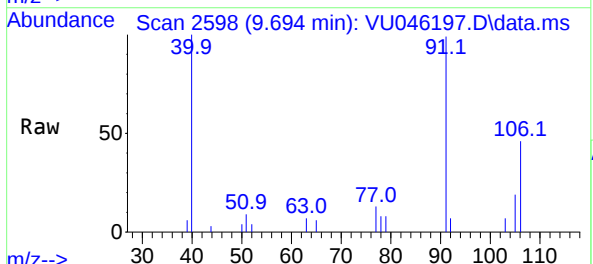
Instrument :
MSVOA_U
ClientSampleId :
C0CQ3

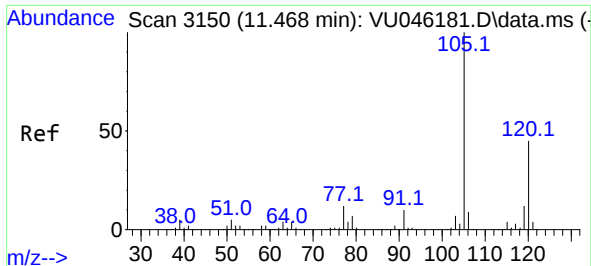
Tgt Ion: 97 Resp: 2426
Ion Ratio Lower Upper
97 100
99 51.6 51.8 77.6#
61 13.1 34.4 51.6#



#53
m,p-Xylene
Concen: 0.917 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU046197.D
Acq: 08 Dec 2021 23:42

Tgt Ion: 106 Resp: 2641
Ion Ratio Lower Upper
106 100
91 214.9 144.3 268.1





#63
 1,2,4-Trimethylbenzene
 Concen: 2.102 ug/L
 RT: 11.468 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU046197.D
 Acq: 08 Dec 2021 23:42

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CQ3

Tgt Ion:105 Resp: 12921
 Ion Ratio Lower Upper
 105 100
 120 45.9 35.2 52.8

