

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121321\
 Data File : VU046330.D
 Acq On : 13 Dec 2021 20:50
 Operator : SY/MD
 Sample : M5063-01ME
 Misc : 5.65g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 14 03:54:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 14 03:19:41 2021
 Response via : Initial Calibration

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

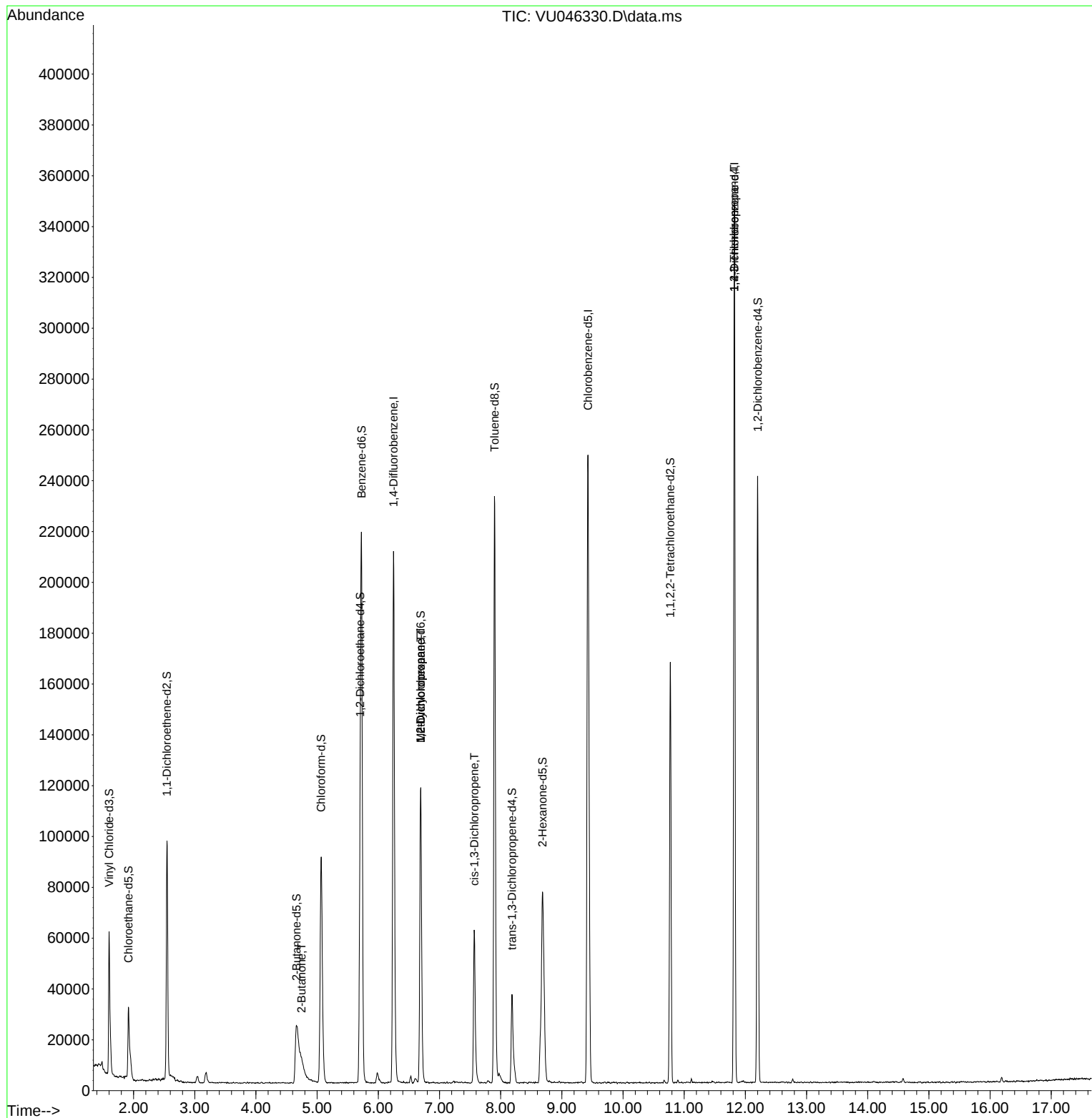
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	184532	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	187781	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	90782	50.000	ug/L	0.01
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	54345	35.751	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.500%
7) Chloroethane-d5	1.916	69	34030	29.158	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	58.320%#
11) 1,1-Dichloroethene-d2	2.546	63	58510	21.441	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	42.880%#
21) 2-Butanone-d5	4.662	46	73811	61.082	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	61.080%
24) Chloroform-d	5.067	84	91833	36.177	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.360%
26) 1,2-Dichloroethane-d4	5.703	65	64980	38.143	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.280%
32) Benzene-d6	5.726	84	189792	35.263	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.520%
36) 1,2-Dichloropropane-d6	6.694	67	59234	35.512	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	71.020%
41) Toluene-d8	7.899	98	168644	34.414	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	68.820%#
43) trans-1,3-Dichloroprop...	8.186	79	28820	35.792	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.580%
47) 2-Hexanone-d5	8.684	63	52644	66.565	ug/L	0.05
Spiked Amount	100.000	Range	45 - 130	Recovery	=	66.560%
56) 1,1,2,2-Tetrachloroeth...	10.774	84	86349	34.135	ug/L	0.02
Spiked Amount	50.000	Range	65 - 120	Recovery	=	68.280%
66) 1,2-Dichlorobenzene-d4	12.201	152	61447	35.147	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.300%#
Target Compounds						
					Qvalue	
22) 2-Butanone	4.745	43	6713	4.083	ug/L #	71
35) Methylcyclohexane	6.694	83	14343	6.178	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	6702	4.502	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1731	0.764	ug/L #	55
60) 1,2,3-Trichloropropane	11.819	75	11013	5.534	ug/L #	66

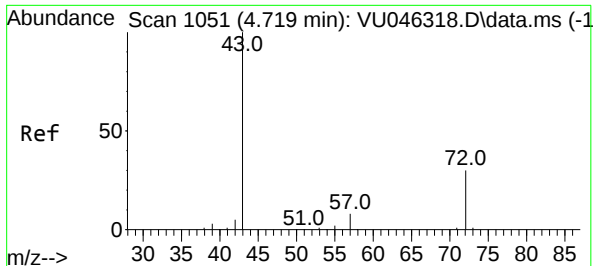
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Dec 14 03:19:41 2021
Response via : Initial Calibration





#22

2-Butanone

Concen: 4.083 ug/L

RT: 4.745 min Scan# 1059

Delta R.T. 0.026 min

Lab File: VU046330.D

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Instrument :

MSVOA_U

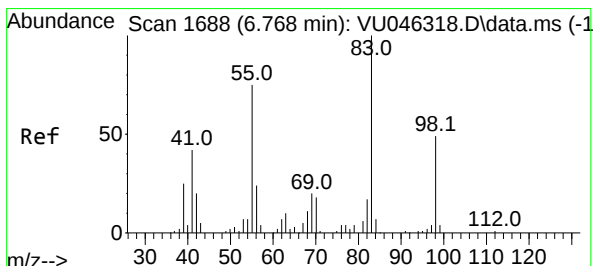
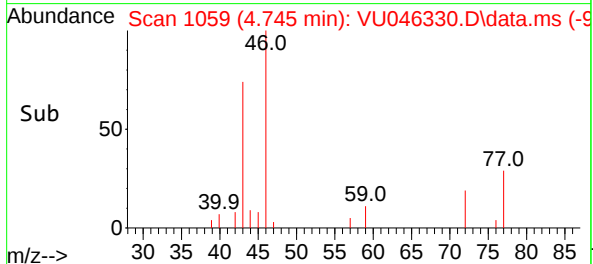
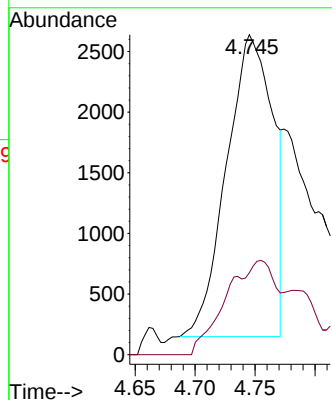
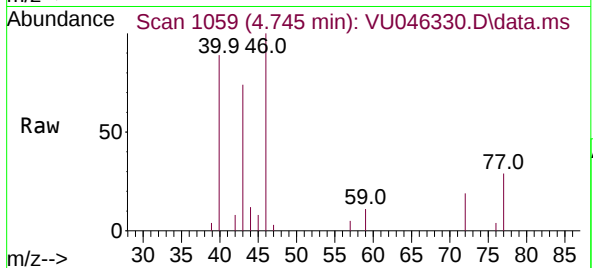
ClientSampleId :

Tgt Ion: 43 Resp: 6713

Ion Ratio Lower Upper

43 100

72 13.8 14.5 43.6#



#35

Methylcyclohexane

Concen: 6.178 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046330.D

Acq: 13 Dec 2021 20:50

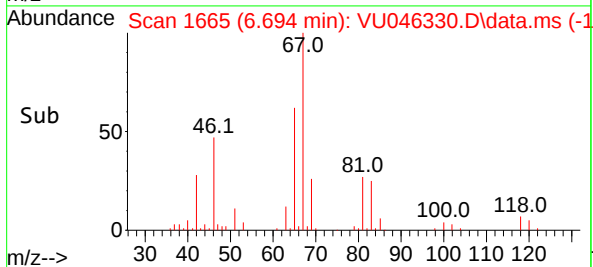
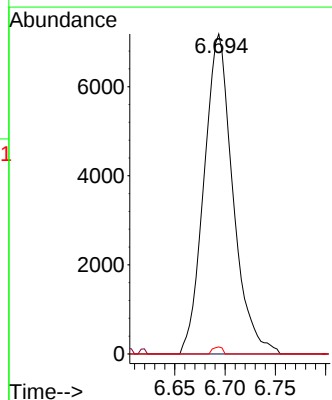
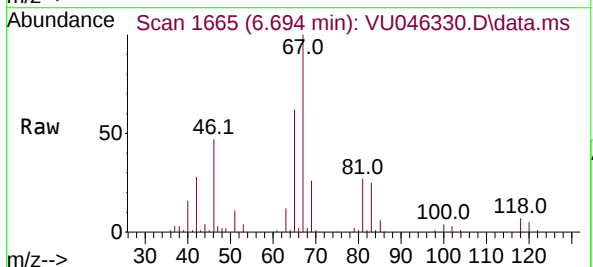
Tgt Ion: 83 Resp: 14343

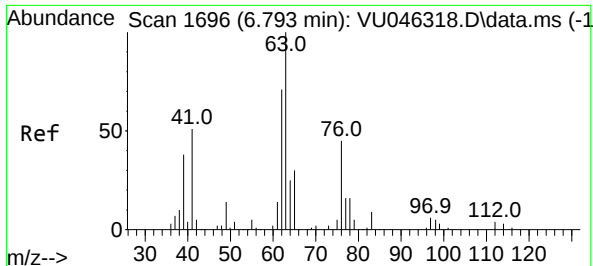
Ion Ratio Lower Upper

83 100

55 0.3 57.8 86.6#

98 0.7 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 4.502 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046330.D

Acq: 13 Dec 2021 20:50

Instrument :

MSVOA_U

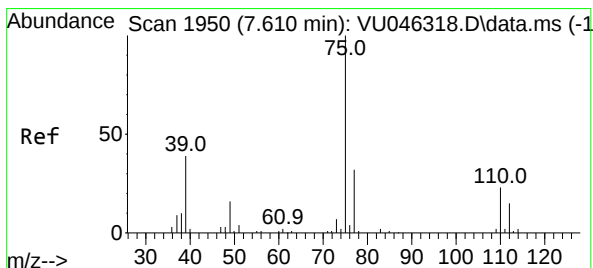
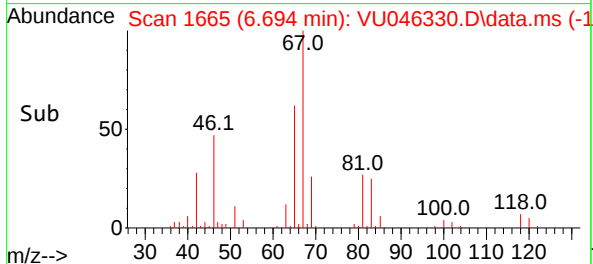
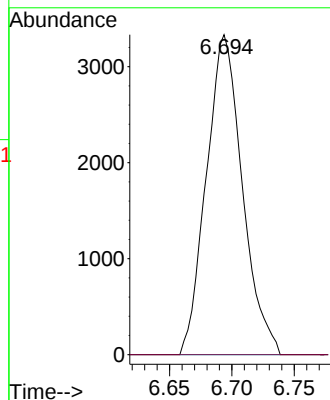
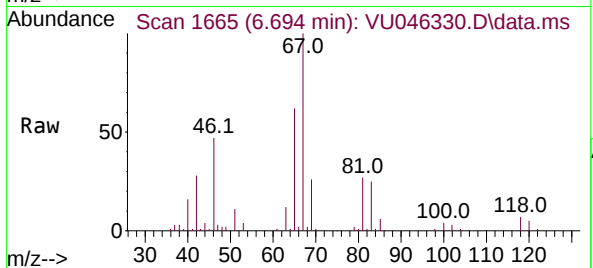
ClientSampleId :

Tgt Ion: 63 Resp: 6702

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.764 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046330.D

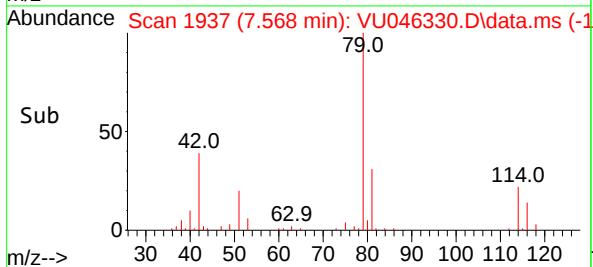
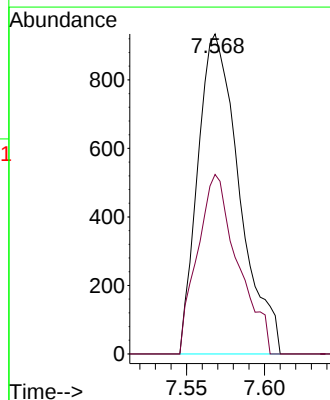
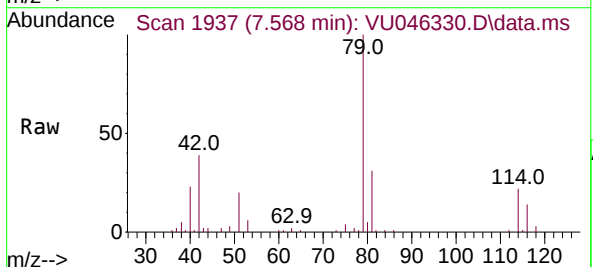
Acq: 13 Dec 2021 20:50

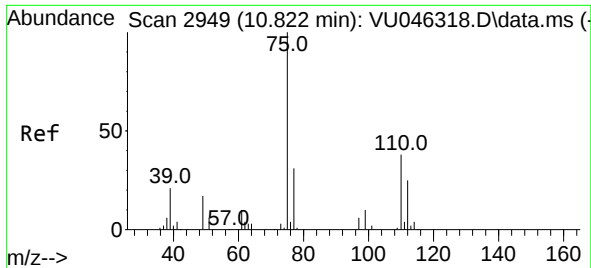
Tgt Ion: 75 Resp: 1731

Ion Ratio Lower Upper

75 100

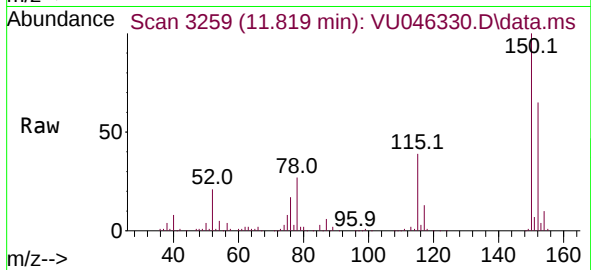
77 56.1 21.8 40.6#





#60
 1,2,3-Trichloropropane
 Concen: 5.534 ug/L
 RT: 11.819 min Scan# 31
 Delta R.T. 0.997 min
 Lab File: VU046330.D
 Acq: 13 Dec 2021 20:50

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 11013
 Ion Ratio Lower Upper
 75 100
 77 32.7 26.4 39.6
 110 2.1 32.4 48.6#

