

Data File : VU036595.D
Acq On : 29 Jan 2020 16:11
Operator : JC/MD
Sample : L1271-04 40X
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GASZ5

Quant Time: Jan 30 02:51:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 30 02:48:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	314025	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	292106	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	142511	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	99933	42.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.98%
7) Chloroethane-d5	1.93	69	87213	43.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.44%
11) 1,1-Dichloroethene-d2	2.59	63	129321	34.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.00%
21) 2-Butanone-d5	4.67	46	145416	104.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.16%
24) Chloroform-d	5.11	84	166380	43.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	5.75	65	107126	44.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.24%
32) Benzene-d6	5.77	84	381984	46.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.98%
36) 1,2-Dichloropropane-d6	6.73	67	119946	46.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.70%
41) Toluene-d8	7.93	98	366425	46.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.70%
43) trans-1,3-Dichloropropene-	8.21	79	55967	45.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.92%
47) 2-Hexanone-d5	8.66	63	130963	110.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.30%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	173789	46.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.32%
64) 1,2-Dichlorobenzene-d4	12.21	152	141505	46.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.54%

Target Compounds

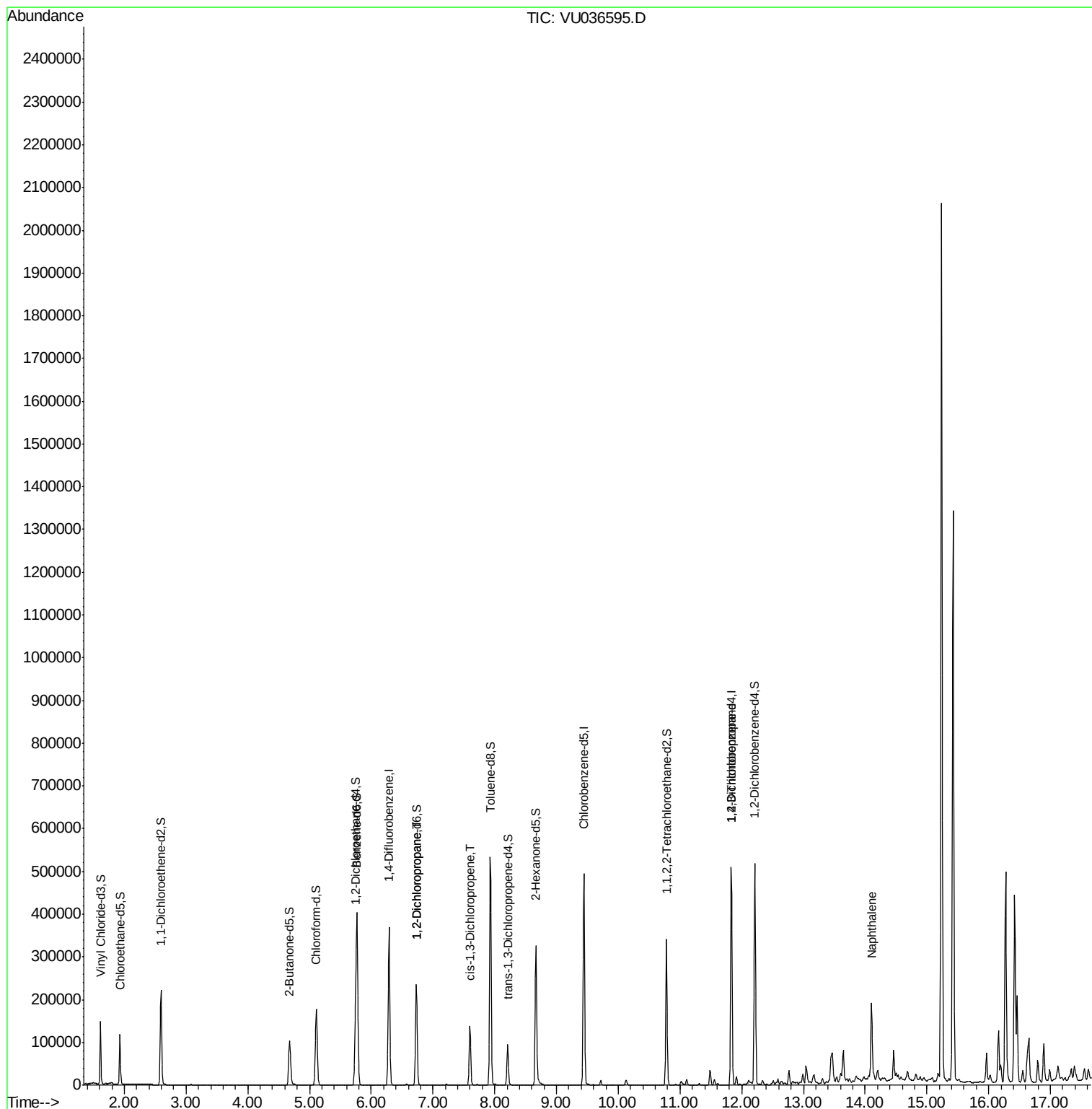
					Qvalue
37) 1,2-Dichloropropane	6.73	63	12047	5.427 ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	3271	0.915 ug/L #	71
59) 1,2,3-Trichloropropane	11.83	75	15492	5.163 ug/L	96
69) Naphthalene	14.10	128	140578	20.526 ug/L	98

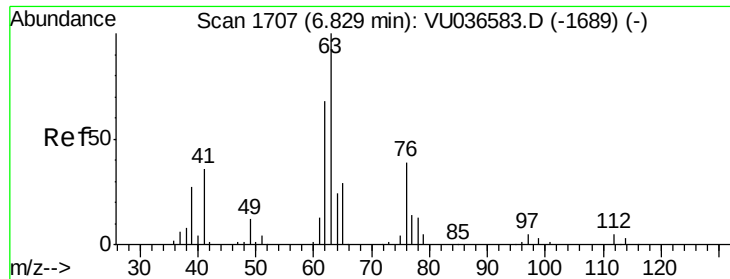
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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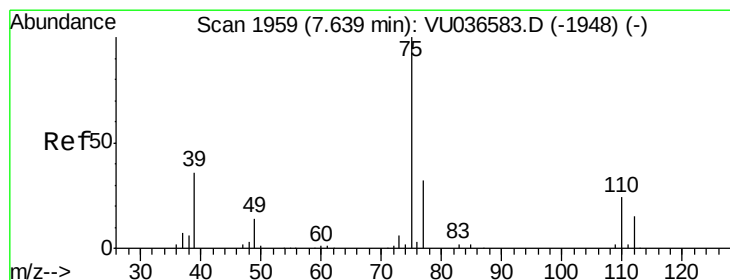
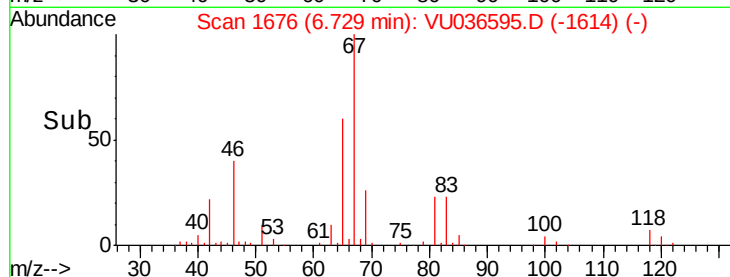
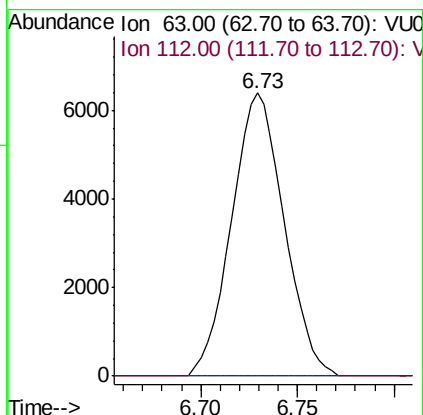
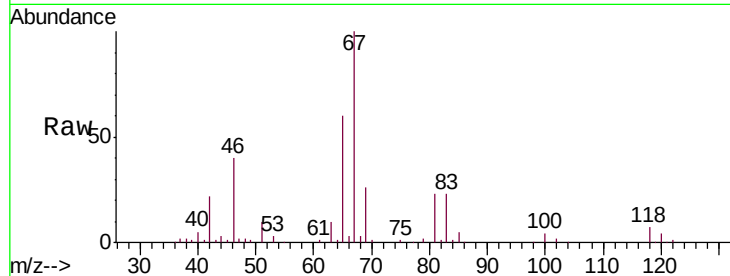




#37
 1,2-Dichloropropane
 Concen: 5.427 ug/L
 RT: 6.73 min Scan# 1676
 Delta R.T. -0.10 min
 Lab File: VU036595.D
 Acq: 29 Jan 2020 16:11

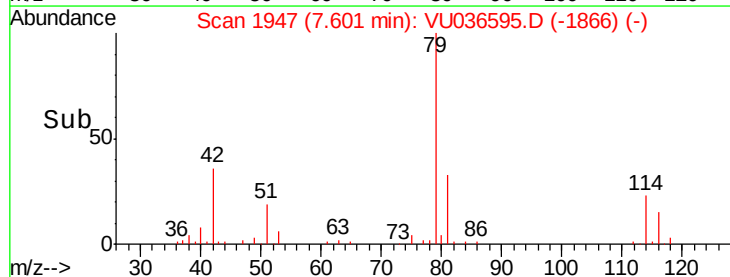
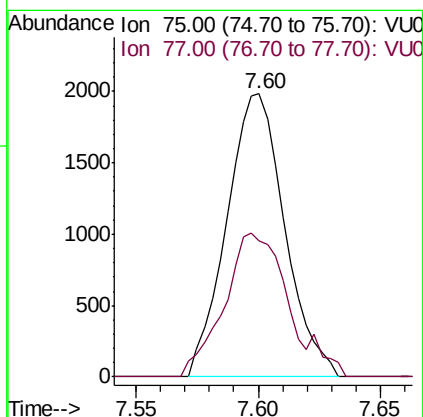
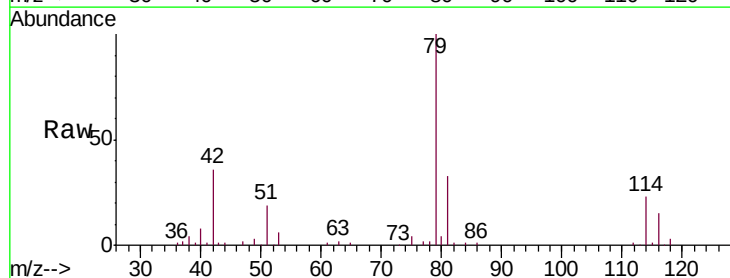
Instrument :
 MSVOA_U
 ClientSampleId :
 GASZ5

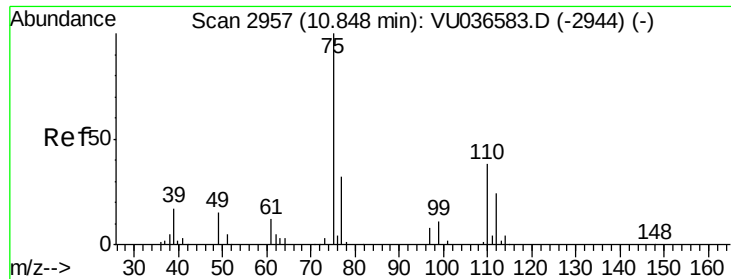
Tgt Ion: 63 Resp: 12047
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.915 ug/L
 RT: 7.60 min Scan# 1947
 Delta R.T. -0.04 min
 Lab File: VU036595.D
 Acq: 29 Jan 2020 16:11

Tgt Ion: 75 Resp: 3271
 Ion Ratio Lower Upper
 75 100
 77 48.3 22.5 41.9#





#59

1,2,3-Trichloropropane

Concen: 5.163 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. 0.98 min

Lab File: VU036595.D

Acq: 29 Jan 2020 16:11

Instrument :

MSVOA_U

ClientSampled :

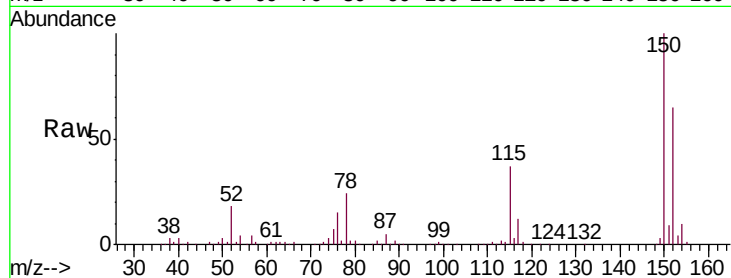
GASZ5

Tgt Ion: 75 Resp: 15492

Ion Ratio Lower Upper

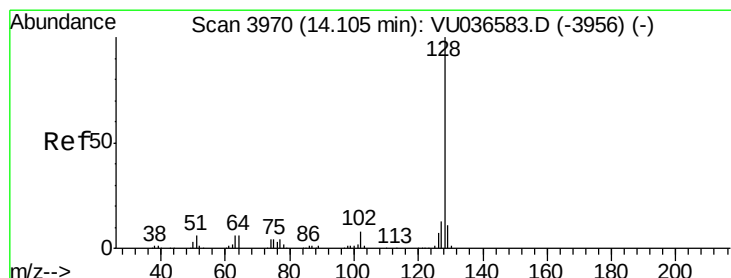
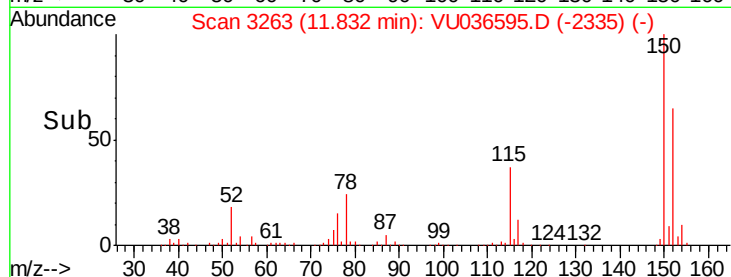
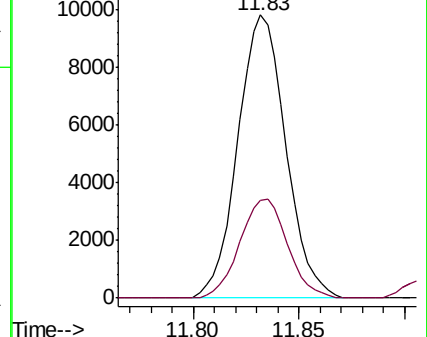
75 100

77 34.8 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU036583.D (-2944) (-)

Ion 77.00 (76.70 to 77.70): VU036583.D (-2944) (-)



#69

Naphthalene

Concen: 20.526 ug/L

RT: 14.10 min Scan# 3969

Delta R.T. -0.00 min

Lab File: VU036595.D

Acq: 29 Jan 2020 16:11

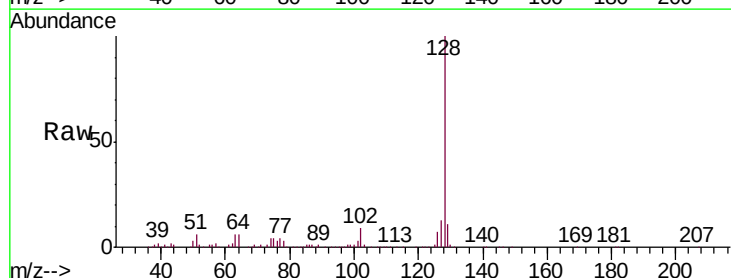
Tgt Ion: 128 Resp: 140578

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

129 11.6 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): VU036583.D (-3956) (-)

Ion 127.00 (126.70 to 127.70): VU036583.D (-3956) (-)

Ion 129.00 (128.70 to 129.70): VU036583.D (-3956) (-)

