

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040419\
 Data File : VU030635.D
 Acq On : 03 Apr 2019 18:19
 Operator : JC/SP
 Sample : K2168-19
 Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF641

Manual Integrations
 APPROVED

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 4/4/2019 12:03:19 PM

Quant Time: Apr 04 08:21:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 06:52:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1037554	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1001152	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	520791	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	145185	17.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	34.78%#
7) Chloroethane-d5	1.64	69	97330	14.71	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	29.42%#
11) 1,1-Dichloroethene-d2	2.24	63	215106m	13.58	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	27.16%#
21) 2-Butanone-d5	4.19	46	238329	30.36	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	30.36%#
24) Chloroform-d	4.64	84	240439	16.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	33.42%#
26) 1,2-Dichloroethane-d4	5.30	65	159388	16.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	33.86%#
32) Benzene-d6	5.33	84	534307	18.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	37.22%#
36) 1,2-Dichloropropane-d6	6.32	67	177209	18.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	36.08%#
41) Toluene-d8	7.56	98	500732	19.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	38.84%#
43) trans-1,3-Dichloropropene-	7.85	79	90563	19.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	39.22%#
47) 2-Hexanone-d5	8.32	63	186984	35.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	35.13%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	253967	18.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	36.14%#
64) 1,2-Dichlorobenzene-d4	11.86	152	194937	18.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	37.36%#

Target Compounds					Ovalue
35) Methylcyclohexane	6.40	83	1589898	115.322 ug/L	97
52) Ethylbenzene	9.25	91	21757	0.568 ug/L	97
56) Isopropylbenzene	10.16	105	605293	16.935 ug/L	100

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

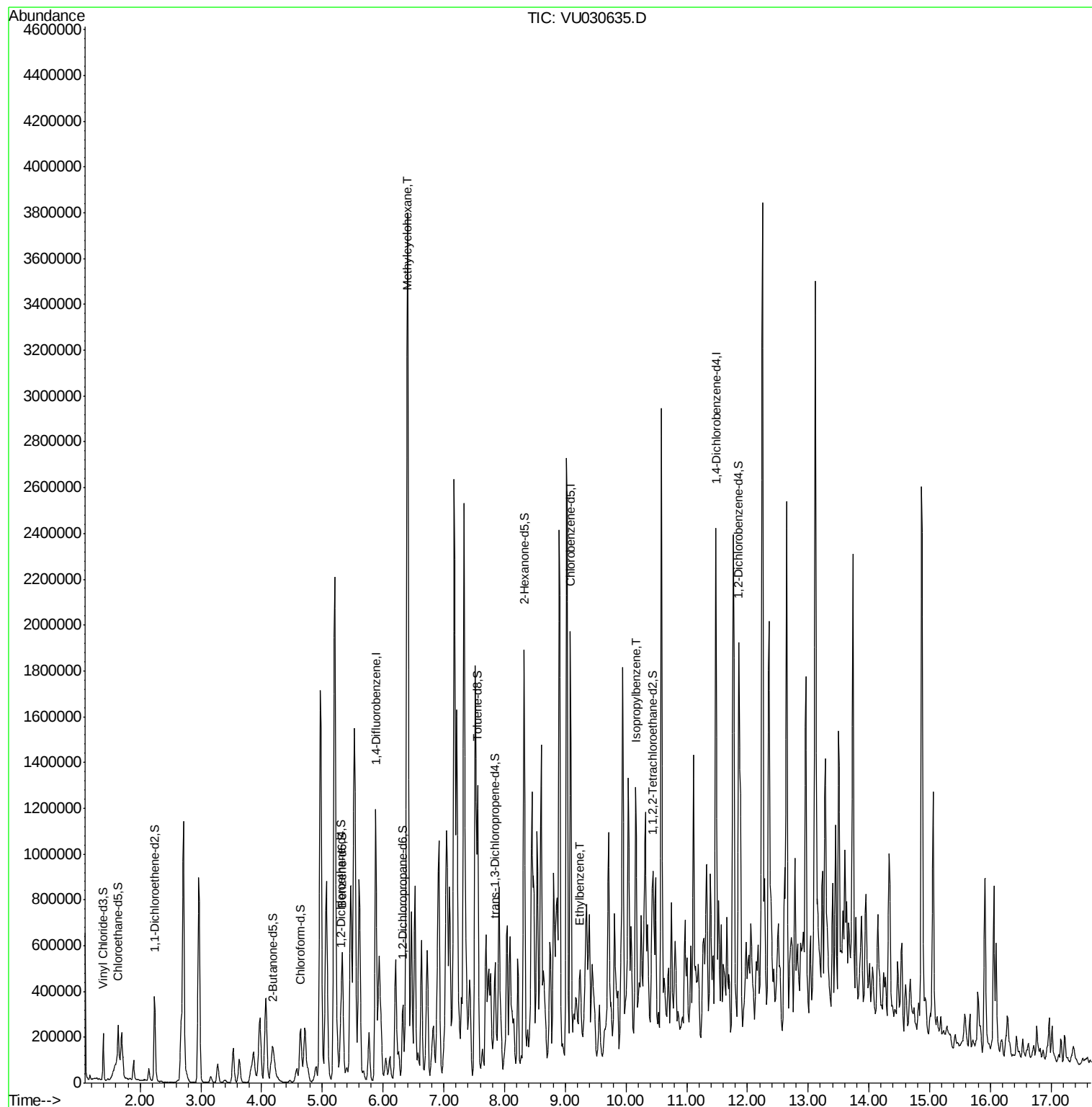
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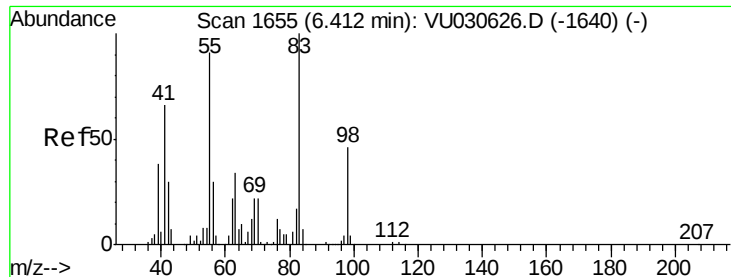
Instrument :
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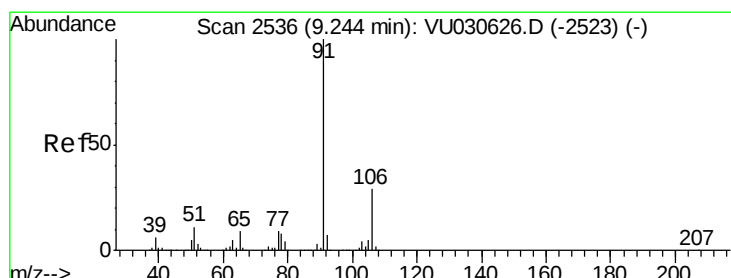
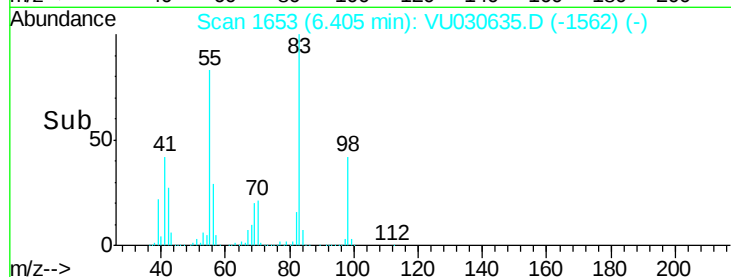
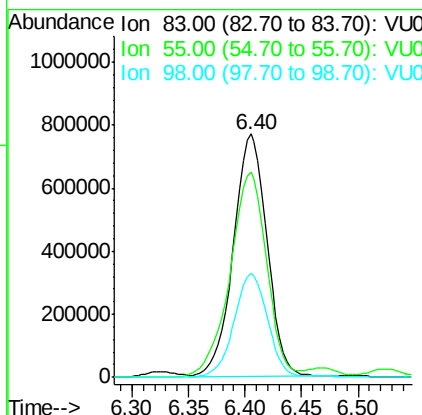
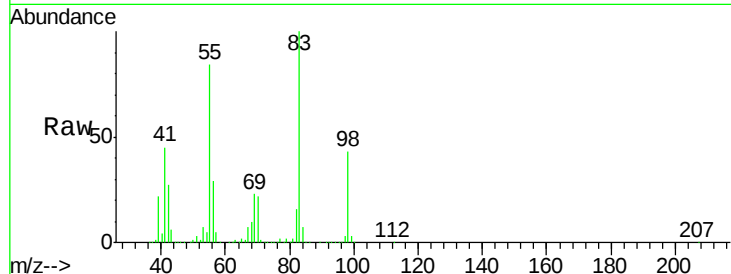
#35
Methylvlcyclohexane
Concen: 115.322 ug/L
RT: 6.40 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VU030635.D
Acq: 03 Apr 2019 18:19

Instrument :
MSVOA_U
ClientSampleId :
BF641

Tot Ion: 83 Resp: 1589898
Ion Ratio Lower Upper
83 100
55 92.4 71.4 107.0
98 42.8 36.0 54.0

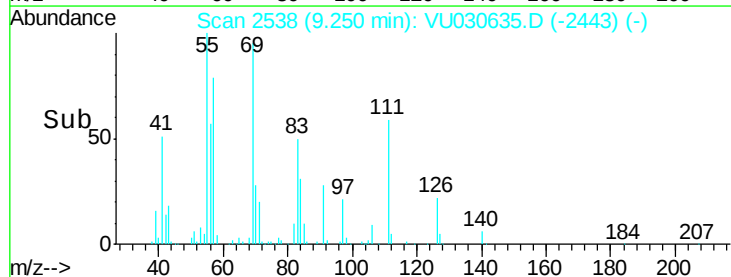
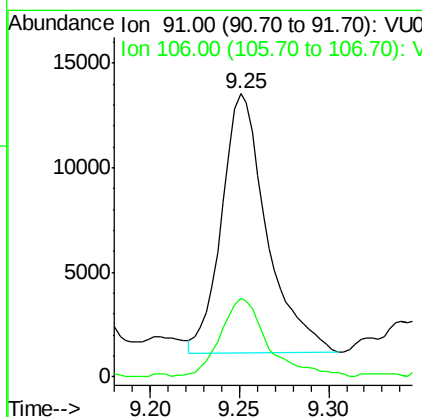
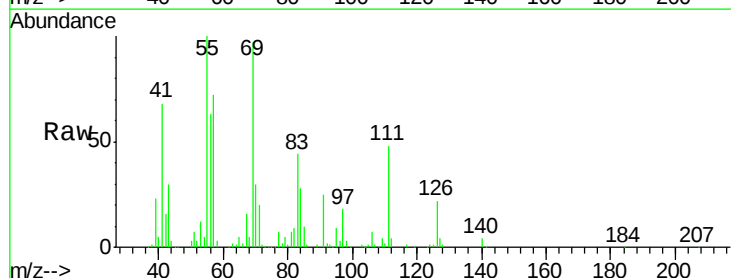
Manual Integrations
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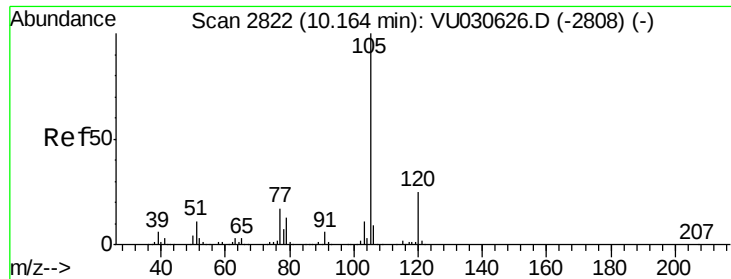
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#52
Ethylbenzene
Concen: 0.568 ug/L
RT: 9.25 min Scan# 2538
Delta R.T. 0.01 min
Lab File: VU030635.D
Acq: 03 Apr 2019 18:19

Tgt Ion: 91 Resp: 21757
Ion Ratio Lower Upper
91 100
106 27.9 20.6 38.2





#56
Isopropylbenzene
Concen: 16.935 ug/L
RT: 10.16 min Scan# 2822
Delta R.T. -0.00 min
Lab File: VU030635.D
Acq: 03 Apr 2019 18:19

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
105	100	605293		
120	25.2		20.2	30.2
77	16.5		13.2	19.8

Manual Integrations
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