

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040419\
 Data File : VU030663.D
 Acq On : 04 Apr 2019 05:45
 Operator : JC/SP
 Sample : K2246-02
 Misc : 5.56g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF149

Manual Integrations
 APPROVED

MMDadoda
 4/4/2019 11:40:14 AM

Quant Time: Apr 04 08:52:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 07:55:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	525832	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	509144	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	232567	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	159615	37.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.44%
7) Chloroethane-d5	1.64	69	111370m	33.20	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	66.40%#
11) 1,1-Dichloroethene-d2	2.24	63	245513	30.58	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.16%
21) 2-Butanone-d5	4.19	46	346920	87.21	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.21%
24) Chloroform-d	4.64	84	291898	40.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.06%
26) 1,2-Dichloroethane-d4	5.30	65	204561	42.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.76%
32) Benzene-d6	5.33	84	621774	42.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.16%
36) 1,2-Dichloropropane-d6	6.32	67	219101	43.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.72%
41) Toluene-d8	7.56	98	524021	39.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.92%#
43) trans-1,3-Dichloropropene-	7.85	79	90743	38.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.26%
47) 2-Hexanone-d5	8.32	63	244000	90.13	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.13%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	321771	45.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.02%
64) 1,2-Dichlorobenzene-d4	11.86	152	200697	43.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.14%

Target Compounds

					Ovalue
16) Methylene chloride	2.69	84	4878	1.100 ug/L	90
20) cis-1,2-Dichloroethene	4.22	96	4266m	0.964 ug/L	
34) Trichloroethene	6.18	95	8168	1.917 ug/L	91
46) Tetrachloroethene	8.22	164	203165	68.269 ug/L	95

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

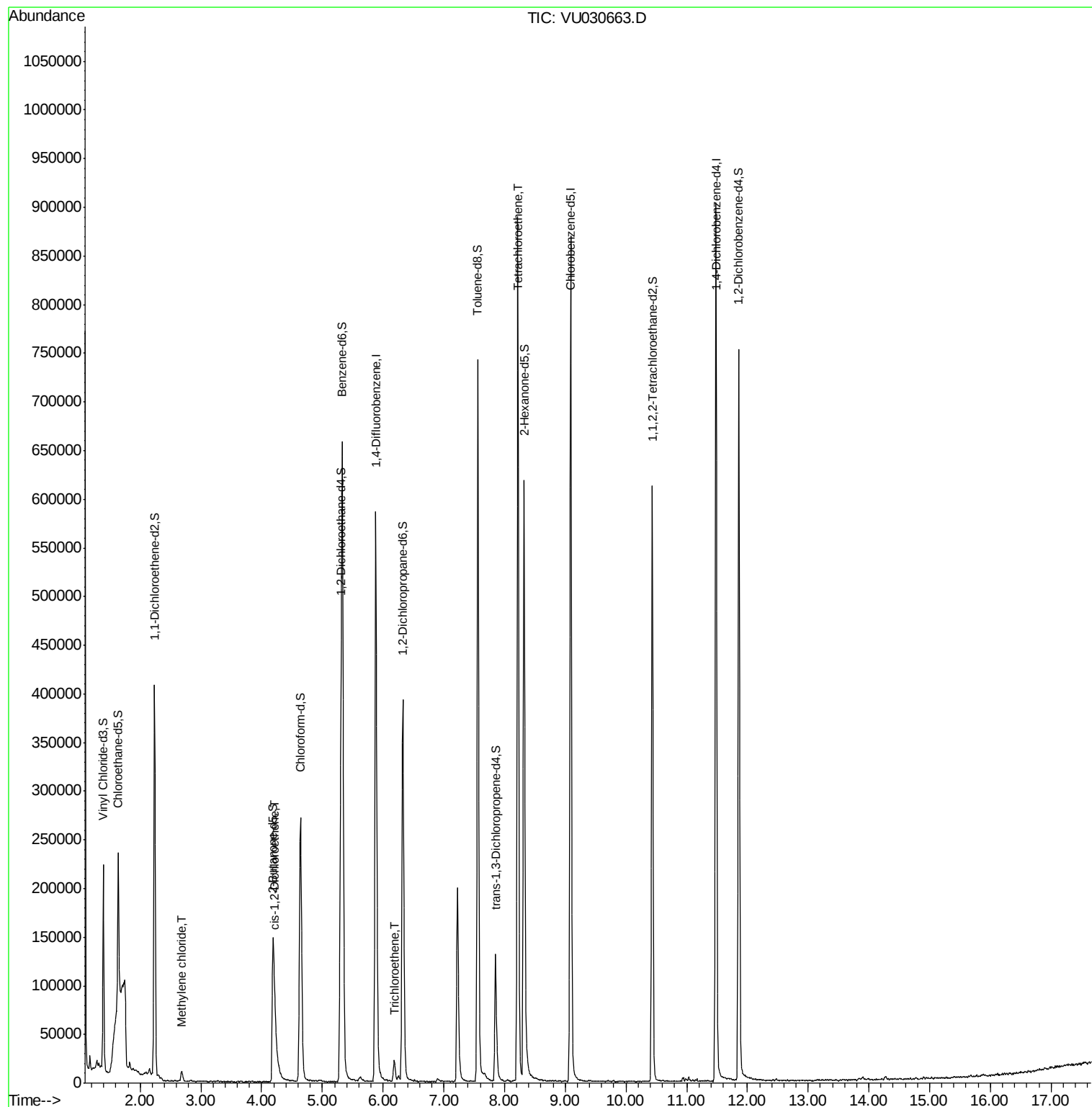
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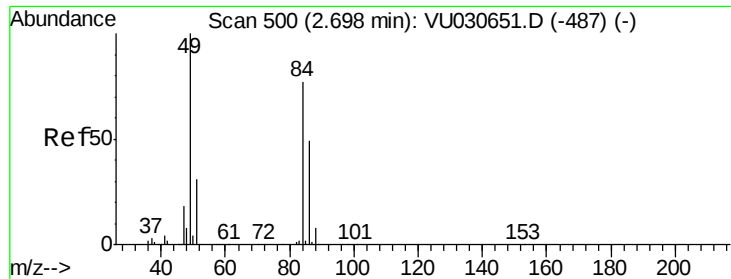
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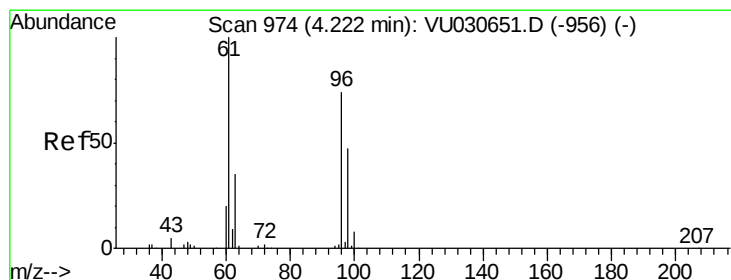
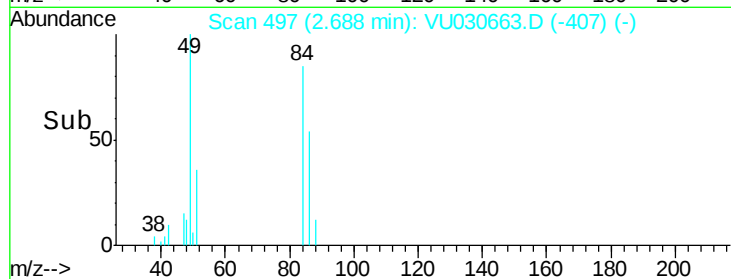
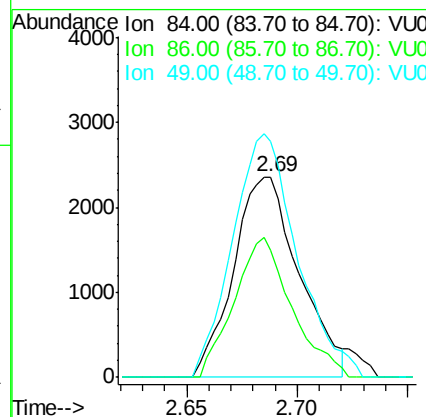
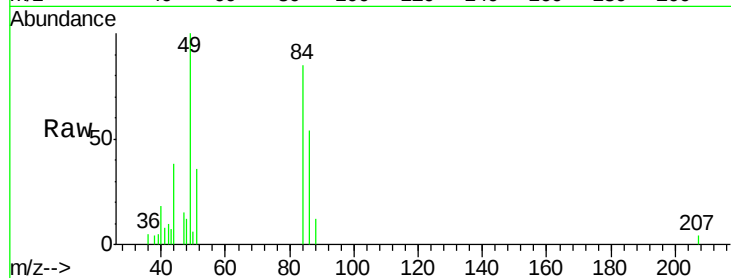
#16
Methvlene chloride
Concen: 1.100 ug/L
RT: 2.69 min Scan# 497
Delta R.T. -0.01 min
Lab File: VU030663.D
Acq: 04 Apr 2019 05:45

Instrument :
MSVOA_U
ClientSampleId :
BF149

Tot Ion	Ratio	Lower	Upper
84	100		
86	63.2	44.3	82.3
49	117.6	94.9	176.3

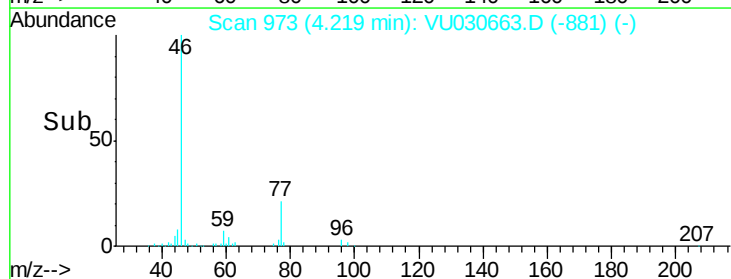
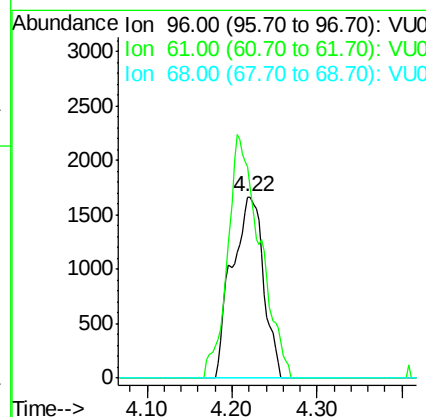
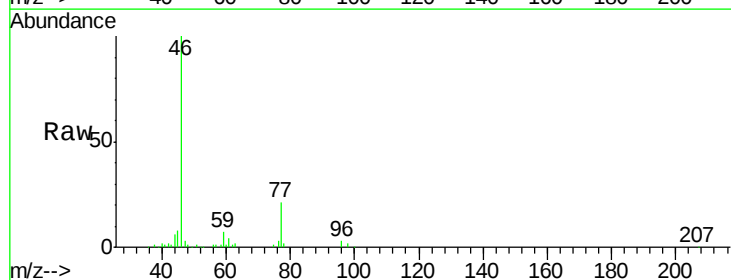
Manual Integrations
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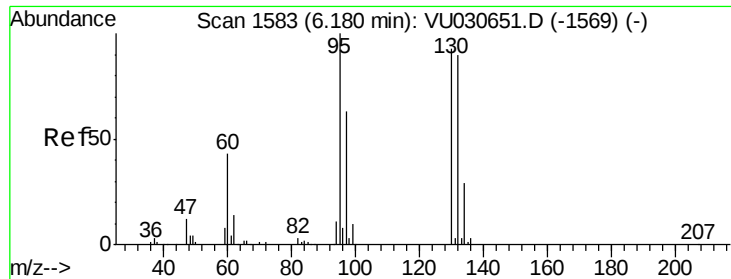
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#20
cis-1,2-Dichloroethene
Concen: 0.964 ug/L m
RT: 4.22 min Scan# 973
Delta R.T. -0.00 min
Lab File: VU030663.D
Acq: 04 Apr 2019 05:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	116.7	98.4	182.8
68	0.0	0.0	0.0





#34

Trichloroethene

Concen: 1.917 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU030663.D

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Instrument :

MSVOA_U

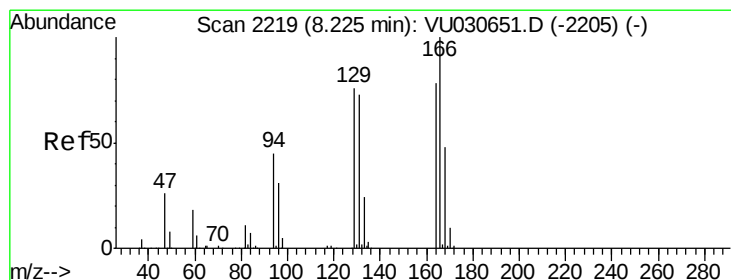
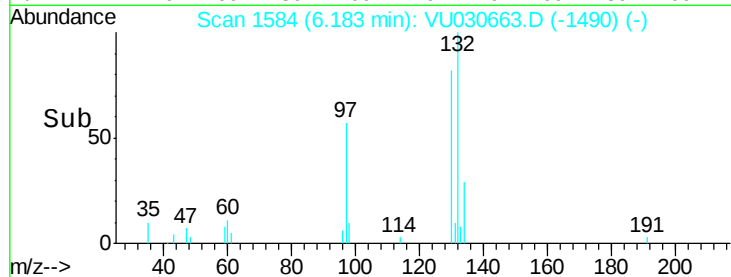
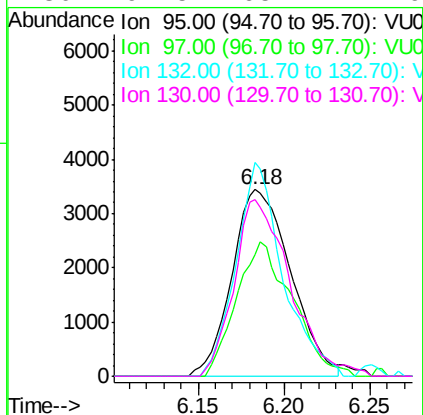
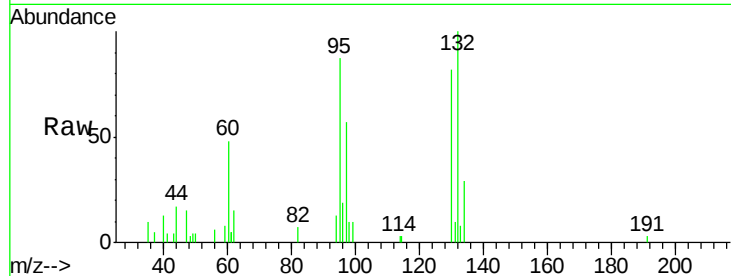
ClientSampleId :

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Tot Ion:	95	Resp:	8168
Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.7	84.9
132	114.6	63.8	118.4
130	94.5	65.7	121.9

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#46

Tetrachloroethene

Concen: 68.269 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030663.D

Acq: 04 Apr 2019 05:45

Tgt Ion:	164	Resp:	203165
Ion	Ratio	Lower	Upper
164	100		
129	94.8	68.1	126.5
131	90.9	67.7	125.7
166	125.9	92.4	171.6

