

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043019\
 Data File : VU031647.D
 Acq On : 30 Apr 2019 20:22
 Operator : JC/SP
 Sample : K2593-14 200X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XB1

Manual Integrations
 APPROVED

MMDadoda
 5/1/2019 11:16:52 AM

Quant Time: May 01 04:23:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 01 01:38:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	702456	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	670731	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	230823	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	306270	52.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.20%
7) Chloroethane-d5	1.68	69	225433	49.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.24%
11) 1,1-Dichloroethene-d2	2.27	63	458787m	39.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.38%
21) 2-Butanone-d5	4.19	46	532111	99.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.90%
24) Chloroform-d	4.64	84	523659	48.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.28%
26) 1,2-Dichloroethane-d4	5.30	65	362704	51.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.12%
32) Benzene-d6	5.33	84	1001616	48.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.26%
36) 1,2-Dichloropropane-d6	6.32	67	362874	50.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.16%
41) Toluene-d8	7.56	98	808260	45.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.12%
43) trans-1,3-Dichloropropene-	7.85	79	140448	45.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.30%
47) 2-Hexanone-d5	8.31	63	290872	92.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.74%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	446176	45.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.76%
64) 1,2-Dichlorobenzene-d4	11.86	152	227706	46.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.82%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.88	101	220661	22.153	ug/L	97
16) Methylene chloride	2.70	84	6291	0.973	ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	10310	1.683	ug/L	82
34) Trichloroethene	6.18	95	14203537	2376.093	ug/L	94
42) Toluene	7.64	91	70730	2.879	ug/L	94
46) Tetrachloroethene	8.22	164	78896	19.360	ug/L	98
53) m,p-Xylene	9.38	106	4202m	0.473	ug/L	

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

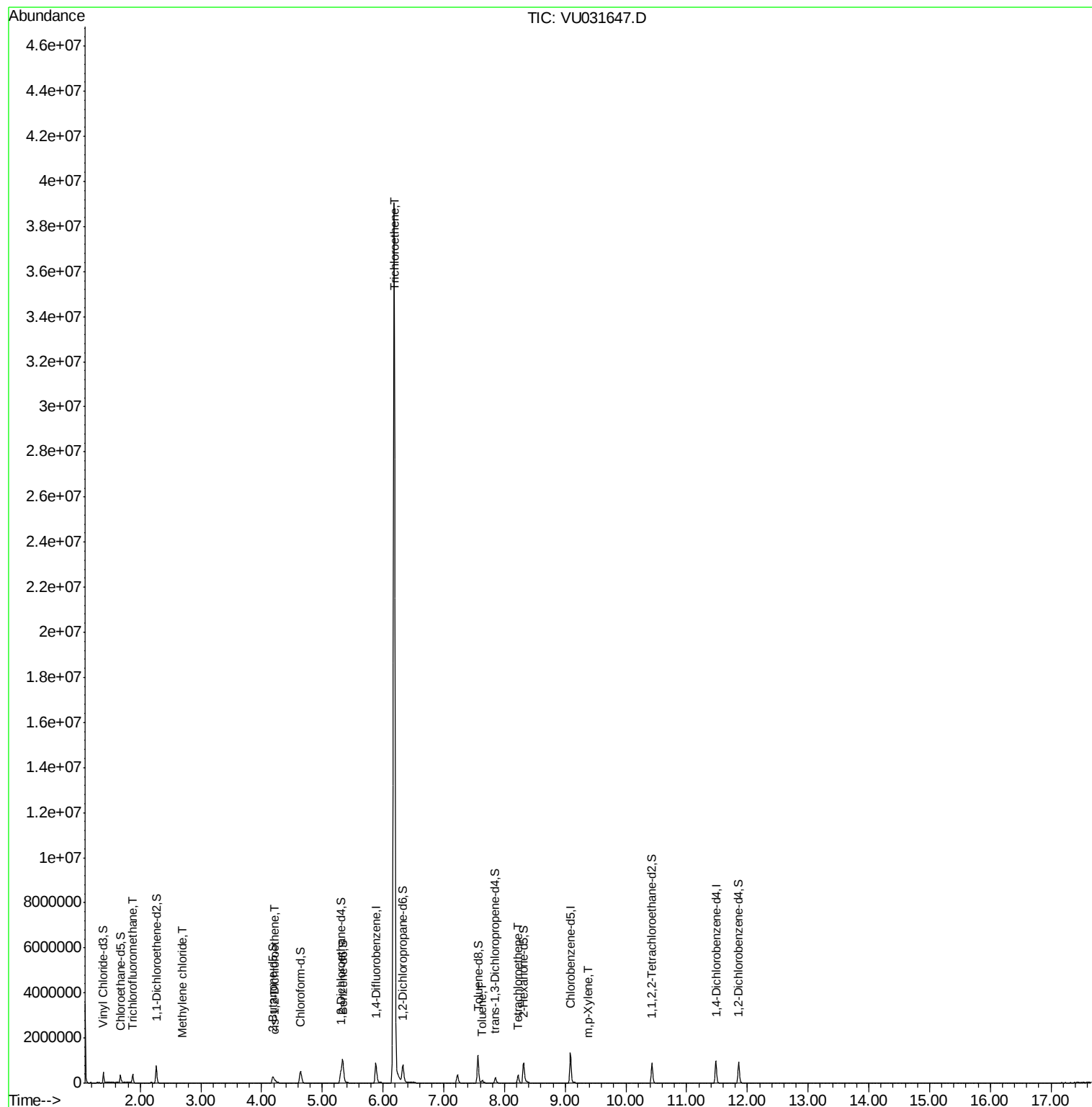
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU043019\
Data File : VU031647.D
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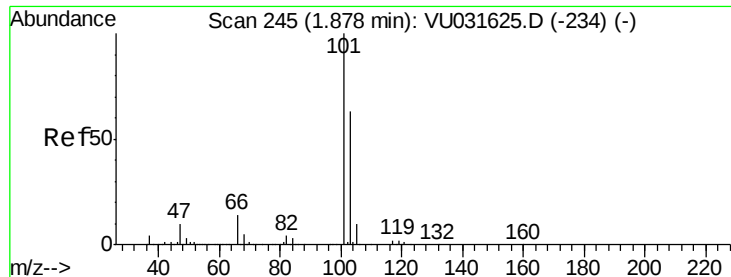
Instrument :
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#9

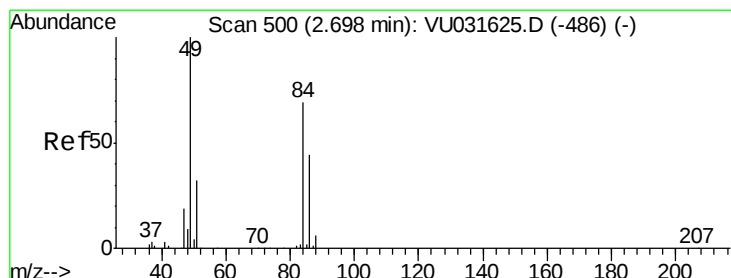
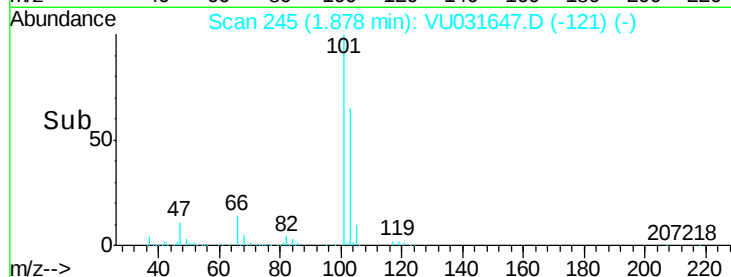
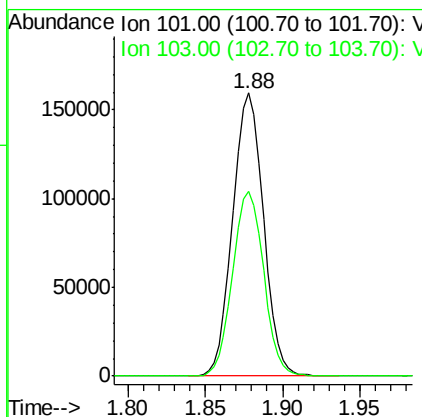
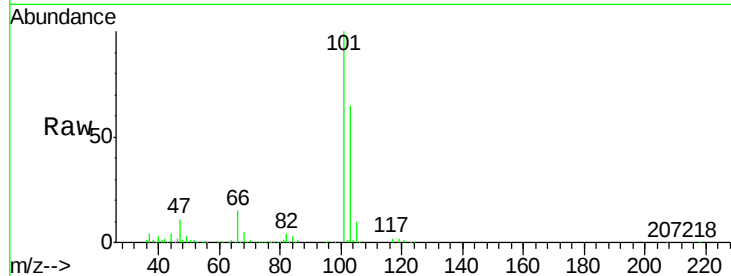
Trichlorofluoromethane
 Concen: 22.153 ug/L
 RT: 1.88 min Scan# 245
 Delta R.T. 0.00 min
 Lab File: VU031647.D
 Acq: 30 Apr 2019 20:22

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XB1

Tot Ion	Ratio	Resp	Lower	Upper
101	100	220661		
103	65.8	50.8	76.2	

Manual Integrations
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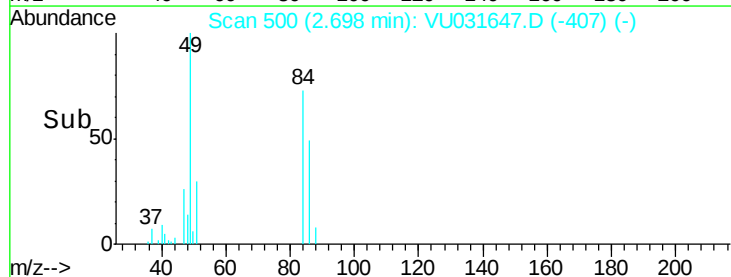
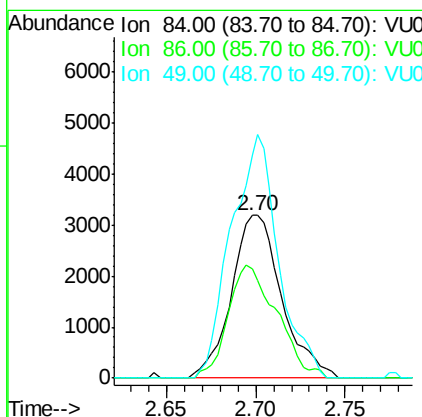
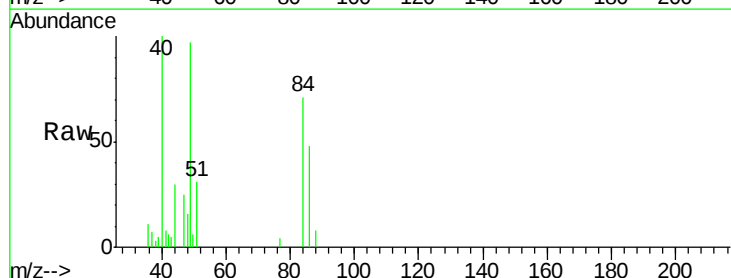
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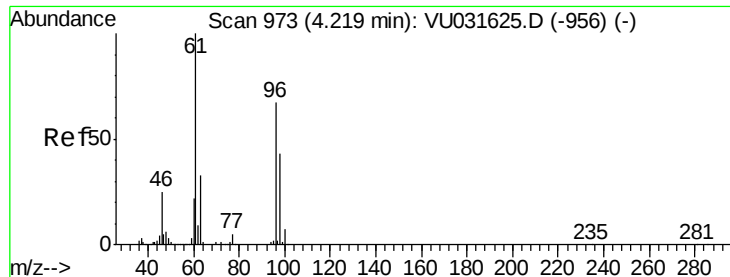


#16

Methylene chloride
 Concen: 0.973 ug/L
 RT: 2.70 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: VU031647.D
 Acq: 30 Apr 2019 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
84	100	6291		
86	66.7	44.7	83.1	
49	136.7	96.5	179.3	





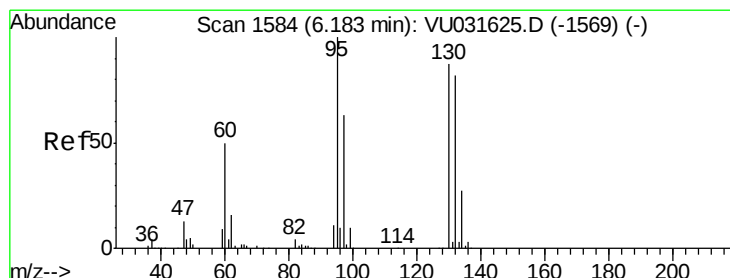
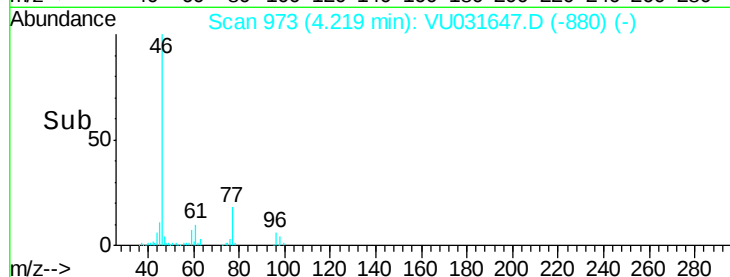
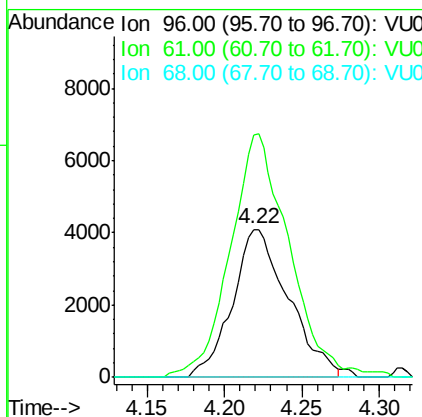
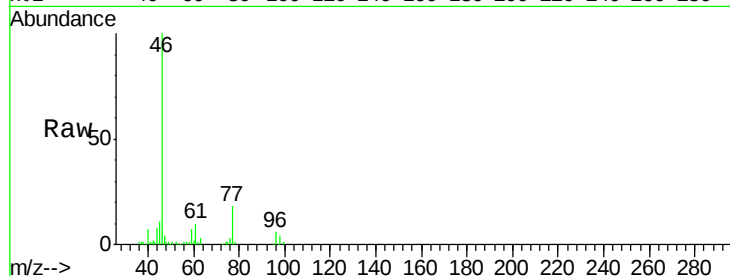
#20
 cis-1,2-Dichloroethene
 Concen: 1.683 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: VU031647.D
 Acq: 30 Apr 2019 20:22

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XB1

Tot Ion	Ratio	Lower	Upper
96	100		
61	164.2	99.5	184.7
68	0.0	0.0	0.0

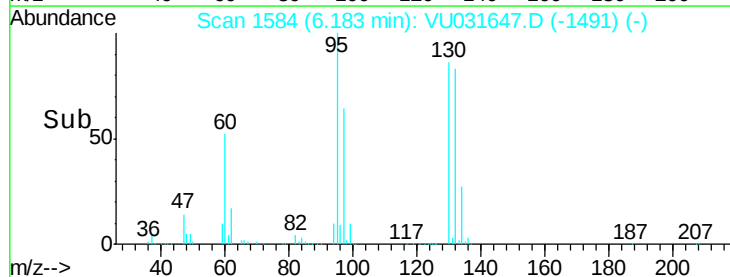
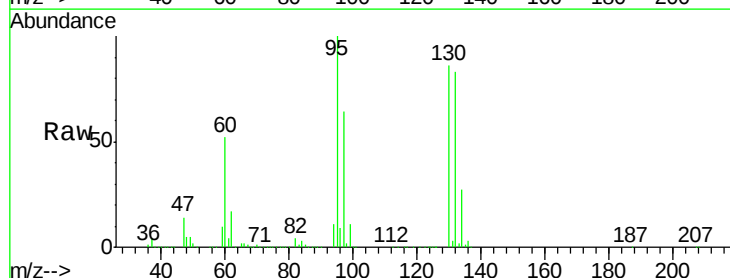
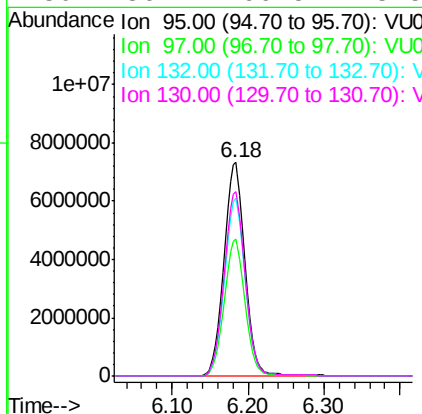
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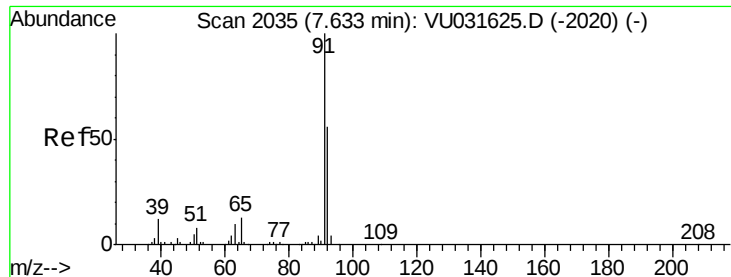
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#34
 Trichloroethene
 Concen: 2376.093 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031647.D
 Acq: 30 Apr 2019 20:22

Tgt Ion	Ratio	Lower	Upper
95	100		
97	64.1	44.8	83.2
132	83.3	63.1	117.1
130	86.4	66.5	123.5





#42

Toluene

Concen: 2.879 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU031647.D

Acq: 30 Apr 2019 20:22

Instrument :

MSVOA_U

ClientSampleId :

C0XB1

Tot Ion: 91 Resp: 70730

Ion Ratio Lower Upper

91 100

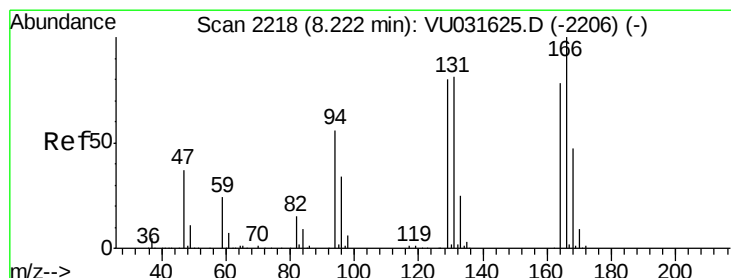
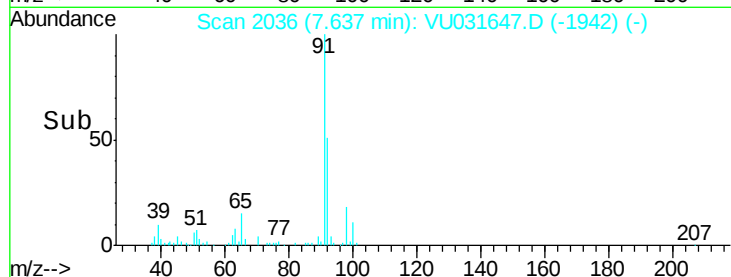
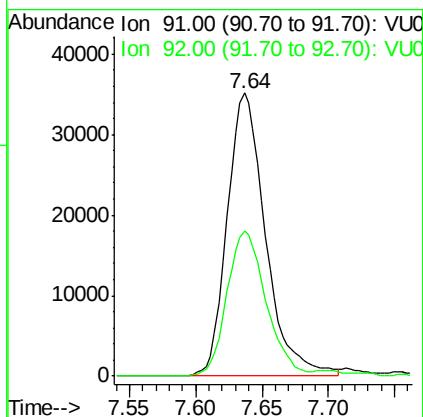
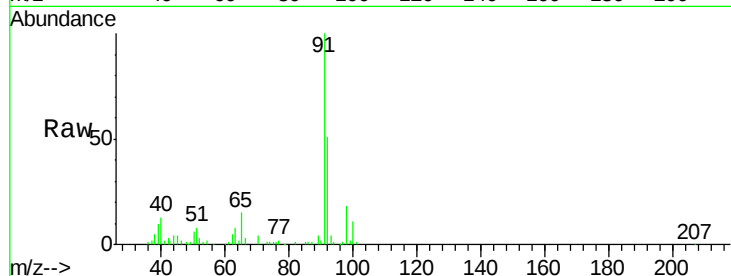
92 51.2 39.0 72.4

Manual Integrations

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#46

Tetrachloroethene

Concen: 19.360 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031647.D

Acq: 30 Apr 2019 20:22

Tgt Ion: 164 Resp: 78896

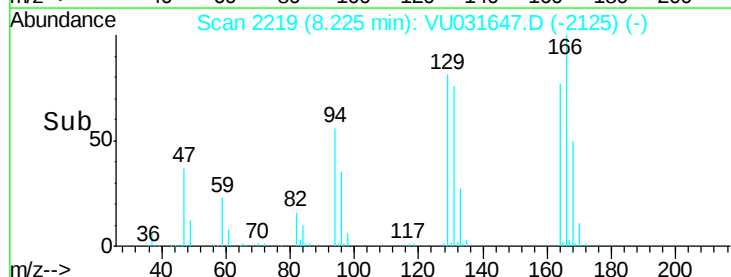
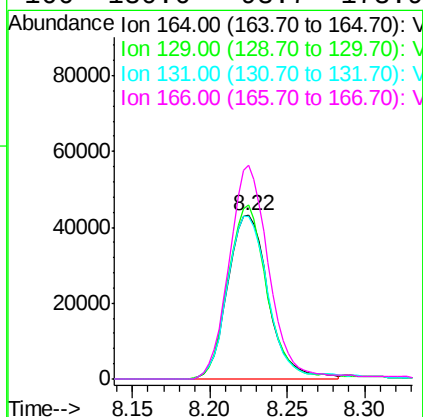
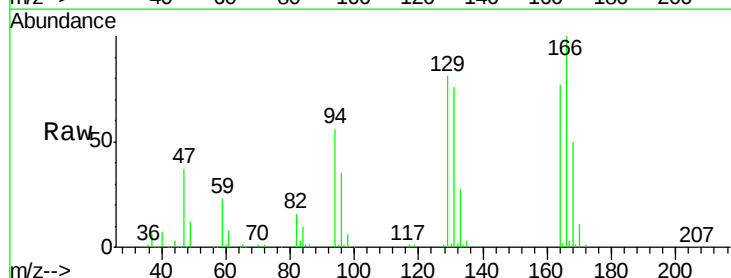
Ion Ratio Lower Upper

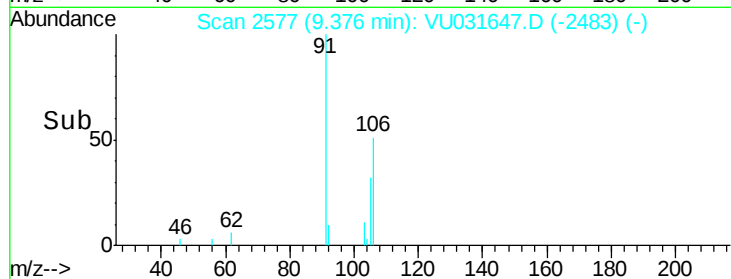
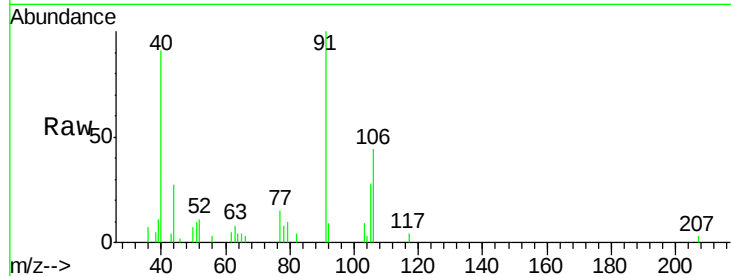
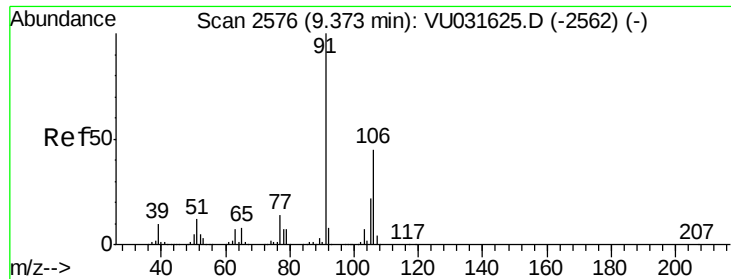
164 100

129 106.2 71.5 132.9

131 99.2 69.0 128.2

166 130.6 93.7 173.9





#53

m,p-Xylene

Concen: 0.473 ug/L m

RT: 9.38 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VU031647.D

Acq: 30 Apr 2019 20:22

Tot Ion:106 Resp: 4202

Ion Ratio Lower Upper

106 100

91 226.6 152.2 282.6

Instrument :

MSVOA_U

ClientSampleId :

C0XB1

Manual Integrations

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