

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080819\
 Data File : VU033683.D
 Acq On : 09 Aug 2019 09:54
 Operator : JC/SP
 Sample : K4161-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 09 14:41:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 09 14:36:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	306514	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	303012	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	152283	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	151152	43.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.36%
7) Chloroethane-d5	1.67	69	135099	46.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.26%
11) 1,1-Dichloroethene-d2	2.26	63	202688	36.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.48%
21) 2-Butanone-d5	4.15	46	268379	105.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.91%
24) Chloroform-d	4.62	84	264623	46.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.30%
26) 1,2-Dichloroethane-d4	5.29	65	177966	48.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.26%
32) Benzene-d6	5.32	84	544460	48.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.36%
36) 1,2-Dichloropropane-d6	6.31	67	179686	50.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.02%
41) Toluene-d8	7.55	98	487053	46.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.24%
43) trans-1,3-Dichloropropene-	7.83	79	83682	47.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.18%
47) 2-Hexanone-d5	8.29	63	195780	108.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.84%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	271257	48.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.52%
64) 1,2-Dichlorobenzene-d4	11.84	152	205960	49.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

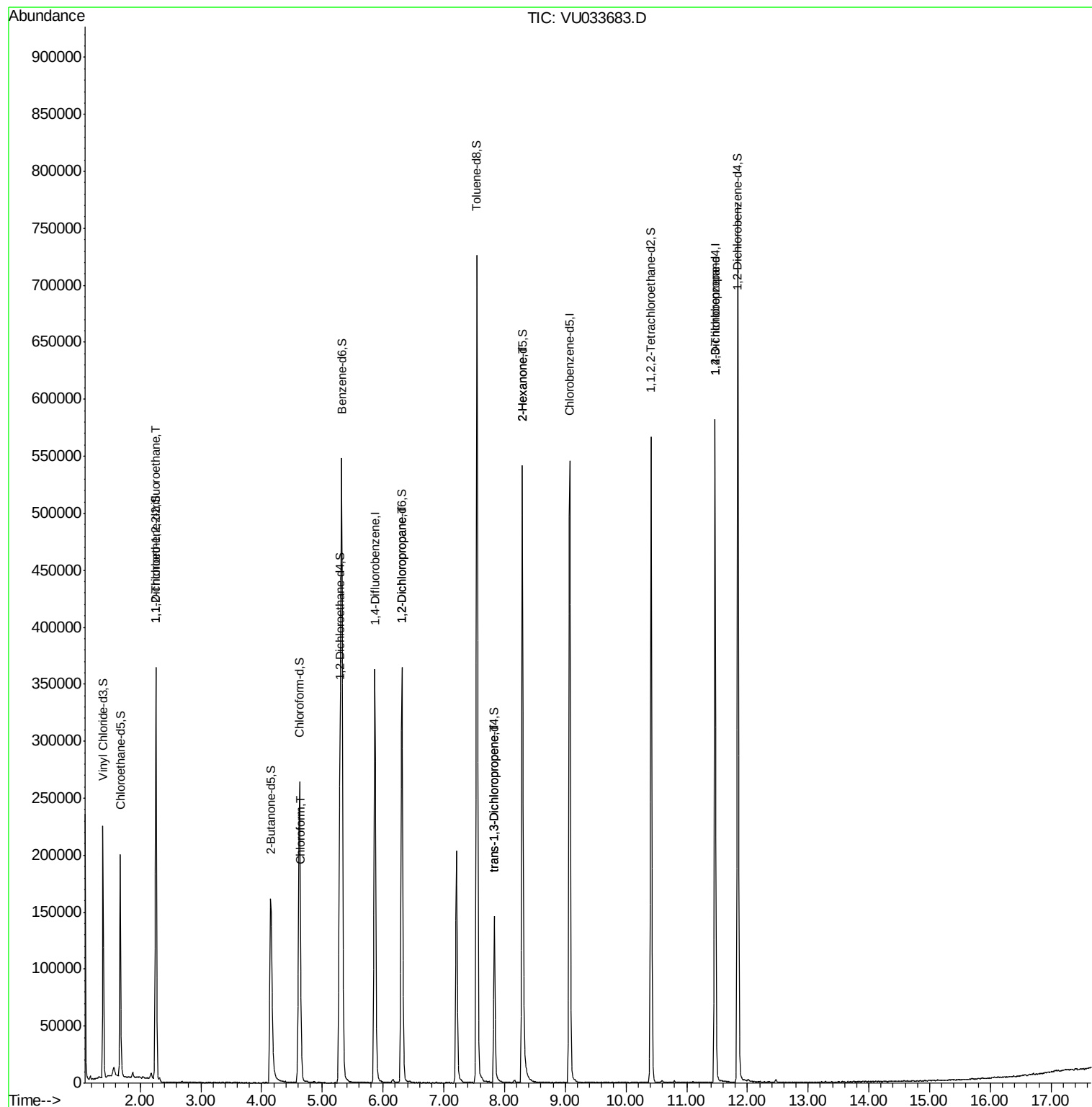
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1972	0.868 ug/L #	19
25) Chloroform	4.65	83	8874	1.922 ug/L	95
37) 1,2-Dichloropropane	6.31	63	18895	7.309 ug/L #	88
44) trans-1,3-Dichloropropene	7.83	75	3647	1.007 ug/L	94
48) 2-Hexanone	8.29	43	22373	7.235 ug/L #	67
59) 1,2,3-Trichloropropane	11.47	75	17974	5.092 ug/L	90

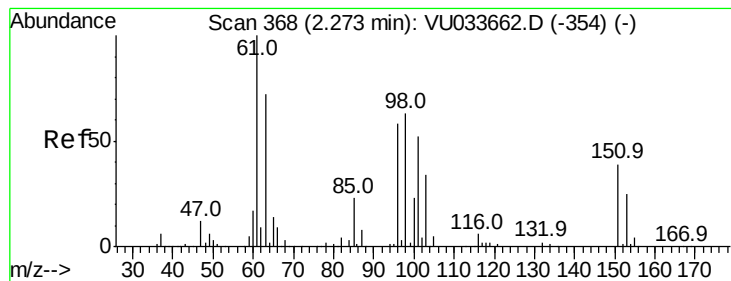
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Aug 09 14:36:24 2019
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.868 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU033683.D

Acq: 09 Aug 2019 09:54

Instrument :

MSVOA_U

ClientSampleId :

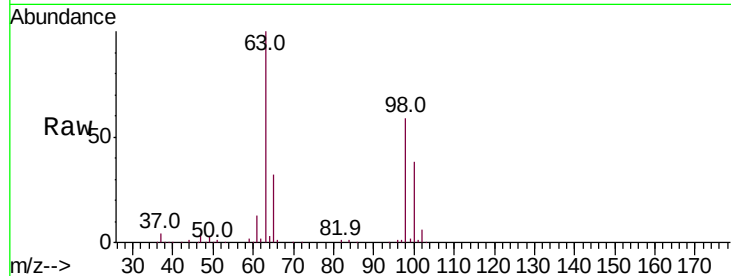
Tot Ion:101 Resp: 1972

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

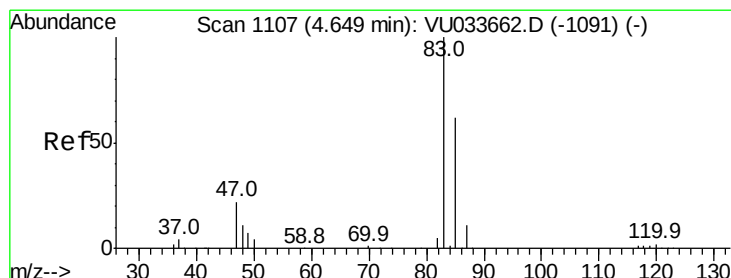
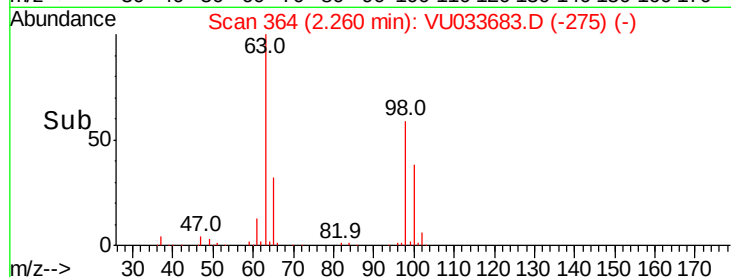
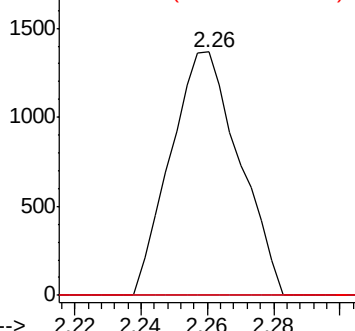
151 0.0 60.4 90.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#25

Chloroform

Concen: 1.922 ug/L

RT: 4.65 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VU033683.D

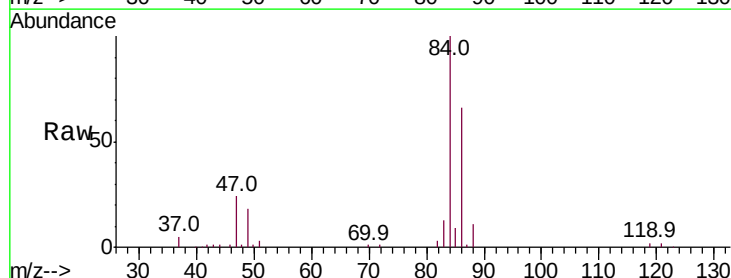
Acq: 09 Aug 2019 09:54

Tgt Ion: 83 Resp: 8874

Ion Ratio Lower Upper

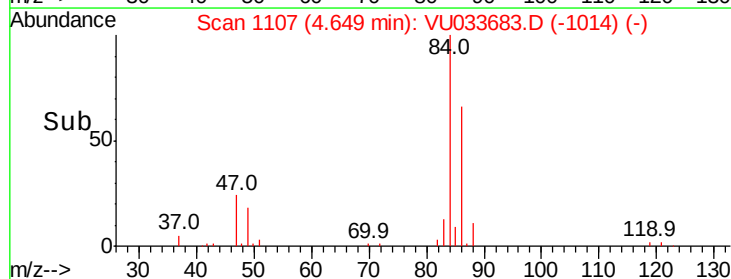
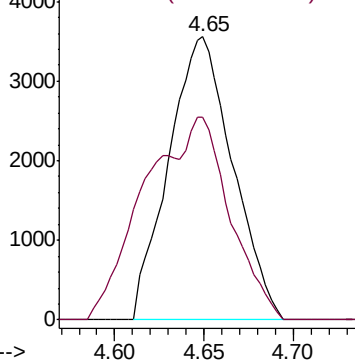
83 100

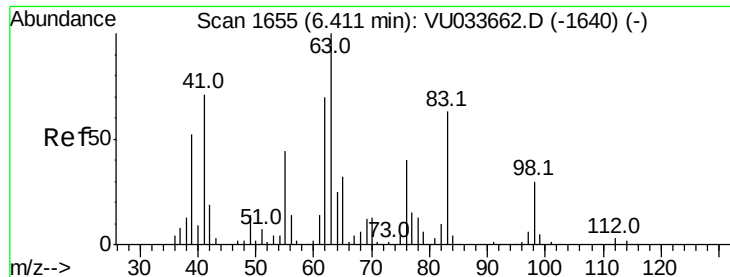
85 71.6 47.2 87.6



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

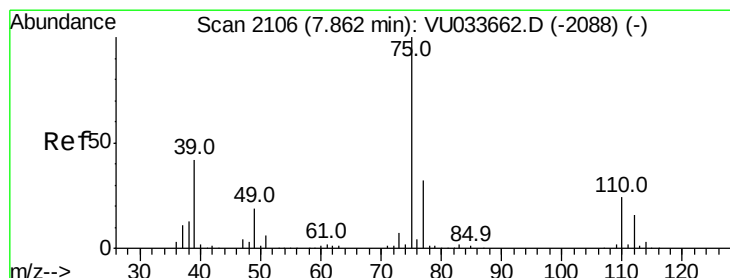
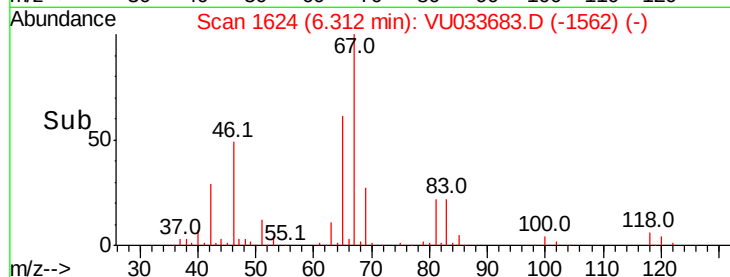
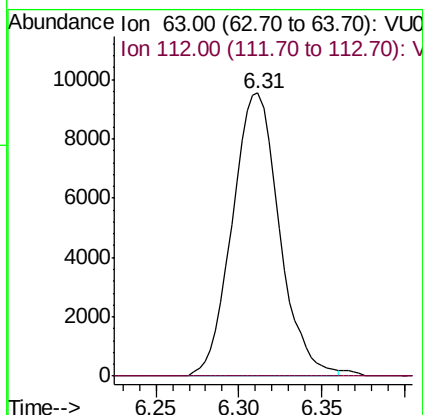
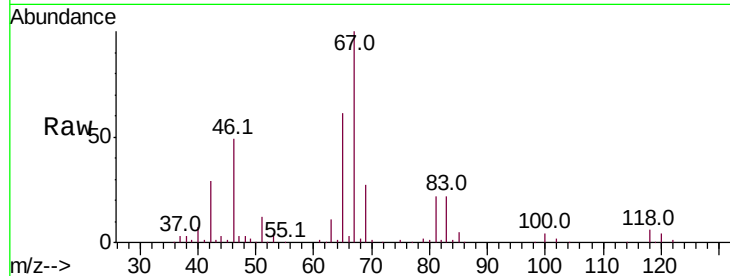




#37
 1,2-Dichloropropane
 Concen: 7.309 ug/L
 RT: 6.31 min Scan# 1624
 Delta R.T. -0.10 min
 Lab File: VU033683.D
 Acq: 09 Aug 2019 09:54

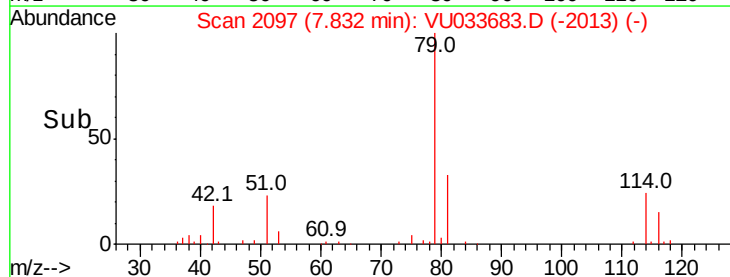
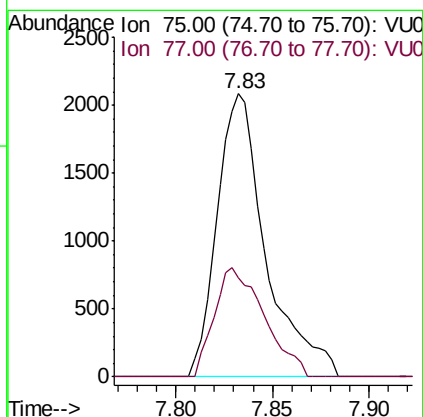
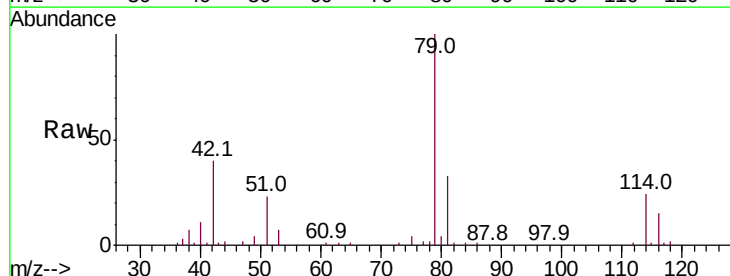
Instrument :
 MSVOA_U
 ClientSampled :

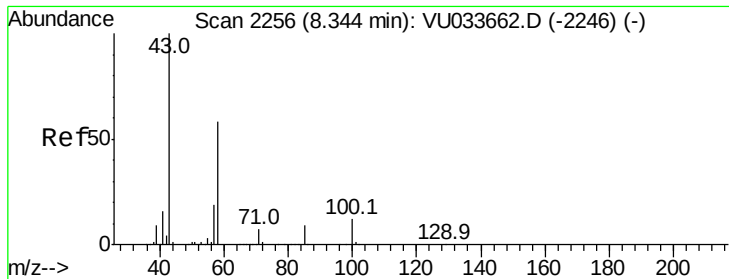
Tot Ion: 63 Resp: 18895
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#44
 trans-1,3-Dichloropropene
 Concen: 1.007 ug/L
 RT: 7.83 min Scan# 2097
 Delta R.T. -0.03 min
 Lab File: VU033683.D
 Acq: 09 Aug 2019 09:54

Tgt Ion: 75 Resp: 3647
 Ion Ratio Lower Upper
 75 100
 77 34.9 22.3 41.3

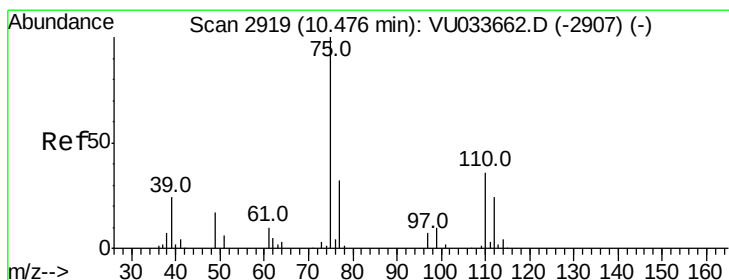
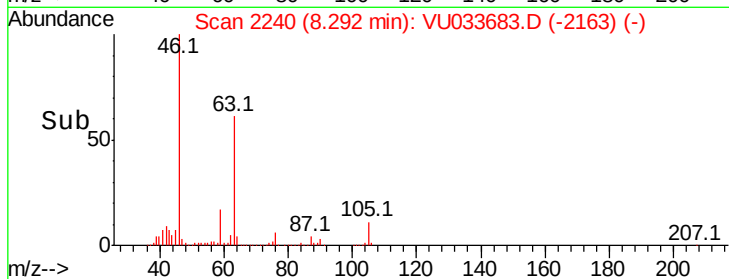
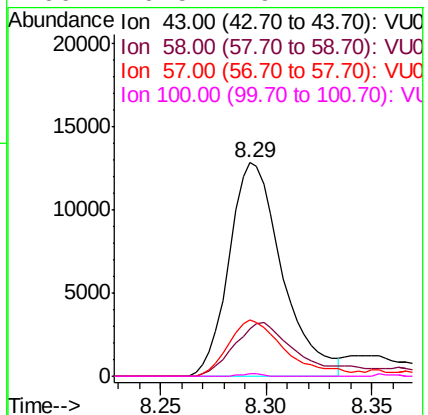
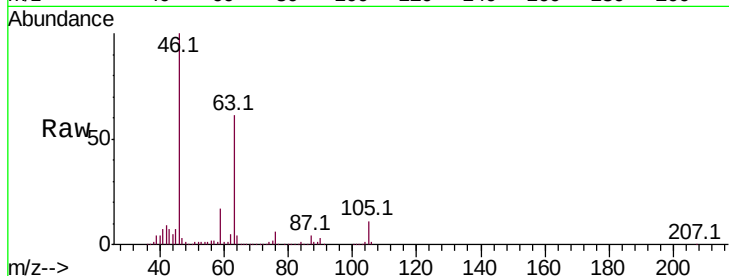




#48
 2-Hexanone
 Concen: 7.235 ug/L
 RT: 8.29 min Scan# 2240
 Delta R.T. -0.05 min
 Lab File: VU033683.D
 Acq: 09 Aug 2019 09:54

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 43 Resp: 22373
 Ion Ratio Lower Upper
 43 100
 58 27.7 44.8 67.2#
 57 27.0 15.5 23.3#
 100 0.5 9.4 14.2#



#59
 1,2,3-Trichloropropane
 Concen: 5.092 ug/L
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.99 min
 Lab File: VU033683.D
 Acq: 09 Aug 2019 09:54

Tgt Ion: 75 Resp: 17974
 Ion Ratio Lower Upper
 75 100
 77 37.2 25.5 38.3

