

Data File : VU033705.D
Acq On : 10 Aug 2019 00:02
Operator : JC/SP
Sample : K4202-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B45

Quant Time: Aug 10 04:30:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 10 04:26:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	351311	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	344785	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	171965	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	124833	48.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.54%
7) Chloroethane-d5	1.67	69	123169	47.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.04%
11) 1,1-Dichloroethene-d2	2.26	63	180653	41.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.10%
21) 2-Butanone-d5	4.16	46	282575	176.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	176.25%#
24) Chloroform-d	4.62	84	260400	67.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	135.54%#
26) 1,2-Dichloroethane-d4	5.29	65	175728	73.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	146.30%#
32) Benzene-d6	5.32	84	525760	64.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	129.22%#
36) 1,2-Dichloropropane-d6	6.31	67	174209	69.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	139.54%#
41) Toluene-d8	7.55	98	469162	61.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	122.60%#
43) trans-1,3-Dichloropropene-	7.83	79	82954	65.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	131.58%#
47) 2-Hexanone-d5	8.29	63	211162	163.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	163.26%#
57) 1,1,2,2-Tetrachloroethane-	10.41	84	276412	74.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	149.66%#
64) 1,2-Dichlorobenzene-d4	11.84	152	198999	68.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	137.52%#

Target Compounds

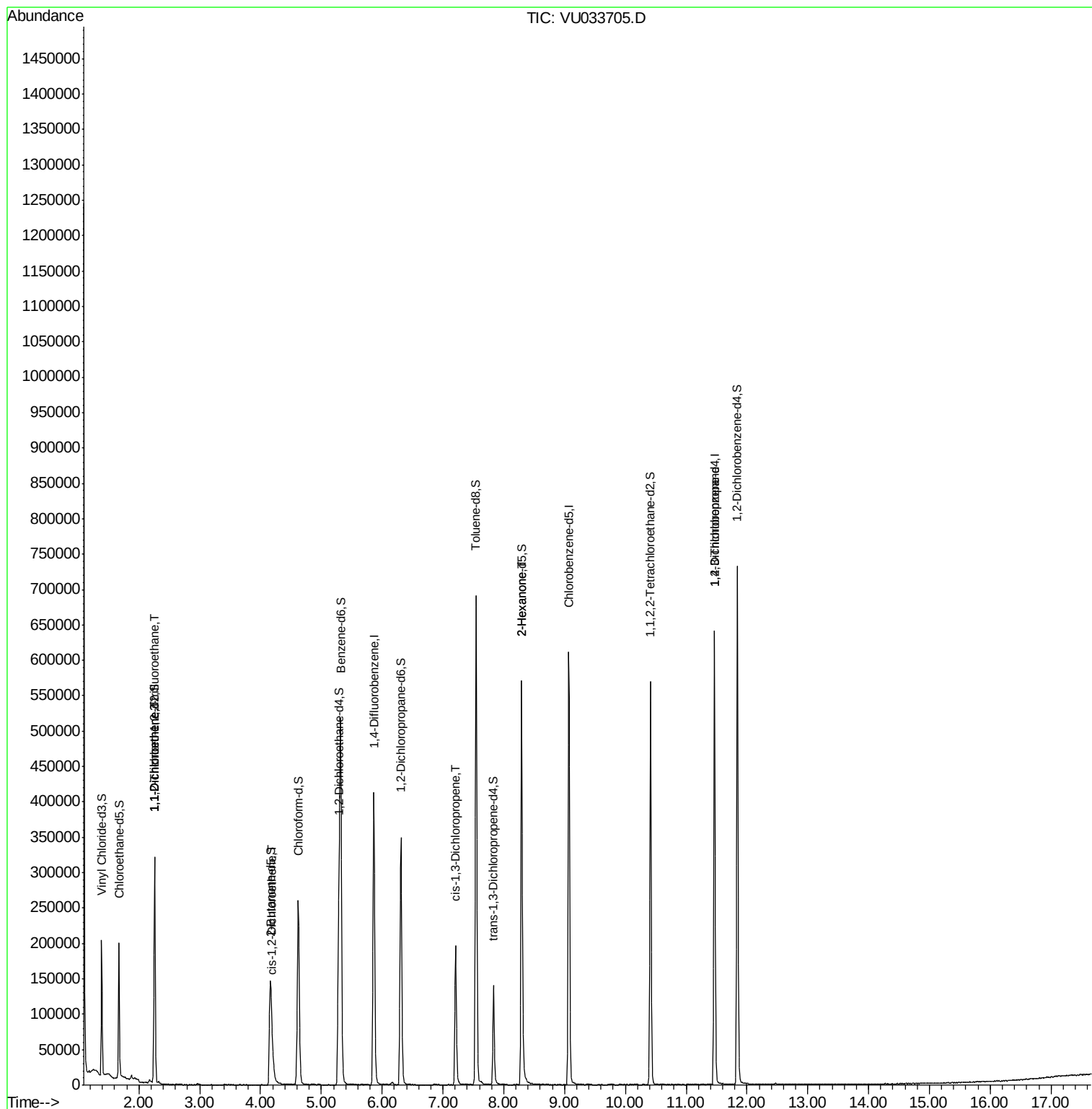
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1818	0.864 ug/L #	20
12) 1,1-Dichloroethene	2.26	96	1594	0.772 ug/L #	1
20) cis-1,2-Dichloroethene	4.20	96	3644	1.443 ug/L	96
39) cis-1,3-Dichloropropene	7.21	75	4784	1.176 ug/L #	64
48) 2-Hexanone	8.29	43	22879	7.630 ug/L #	64
59) 1,2,3-Trichloropropane	11.47	75	19326	5.583 ug/L	95

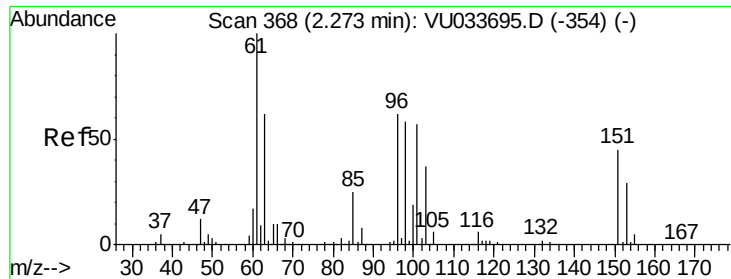
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Aug 10 04:26:55 2019
Response via : Initial Calibration





#10

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

Concen: 0.864 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.02 min

Lab File: VU033705.D

Acq: 10 Aug 2019 00:02

Instrument :

MSVOA_U

ClientSampled :

F2B45

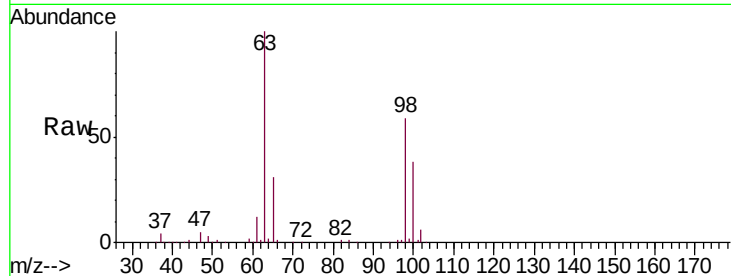
Tgt Ion:101 Resp: 1818

Ion Ratio Lower Upper

101 100

85 0.0 34.5 51.7#

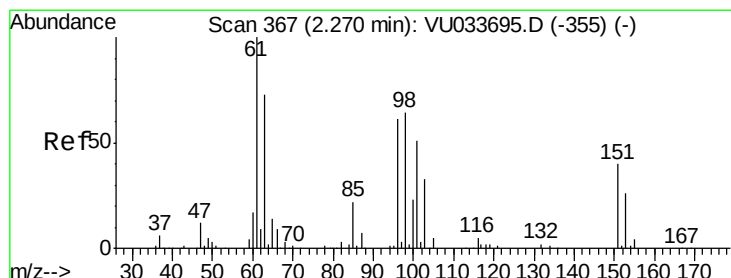
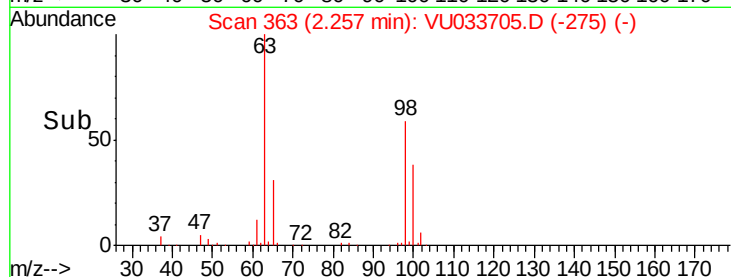
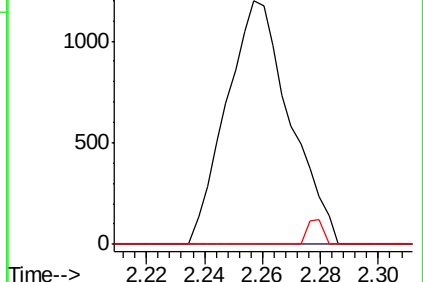
151 2.5 63.0 94.4#



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



#12

1,1-Dichloroethene

Concen: 0.772 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

Lab File: VU033705.D

Acq: 10 Aug 2019 00:02

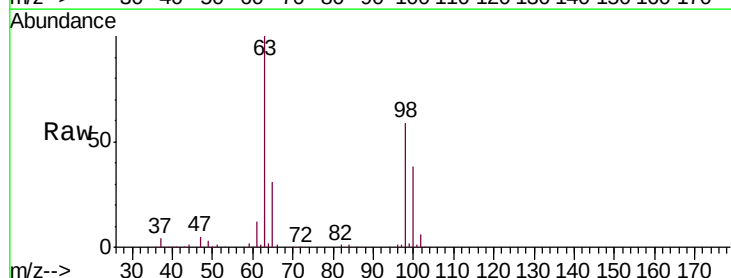
Tgt Ion: 96 Resp: 1594

Ion Ratio Lower Upper

96 100

61 1533.3 118.2 219.6#

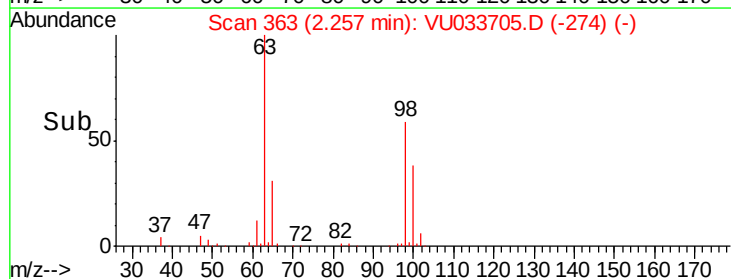
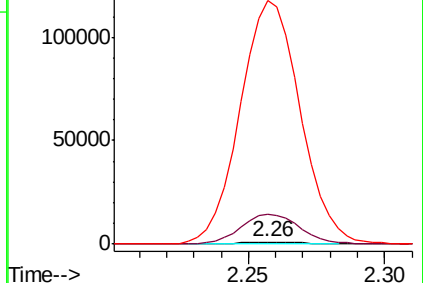
63 12638.5 90.7 168.5#

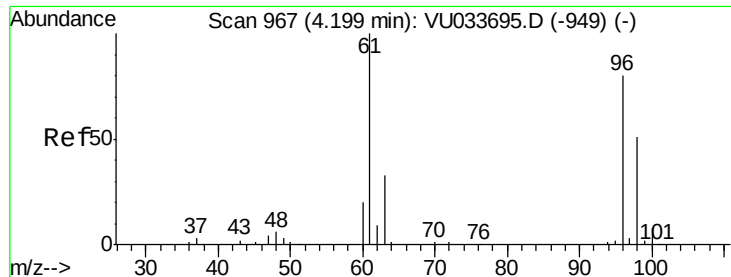


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

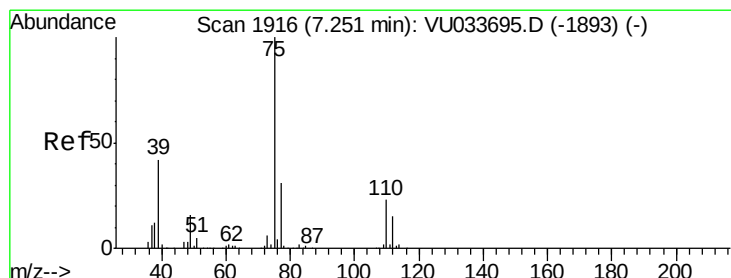
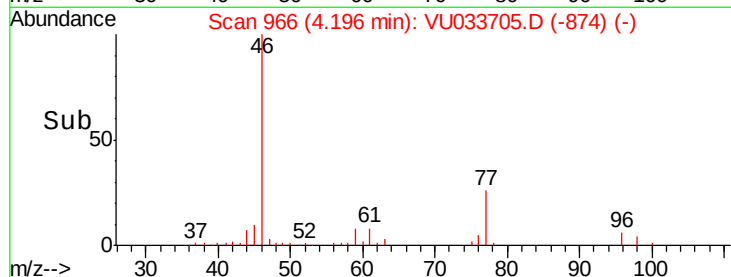
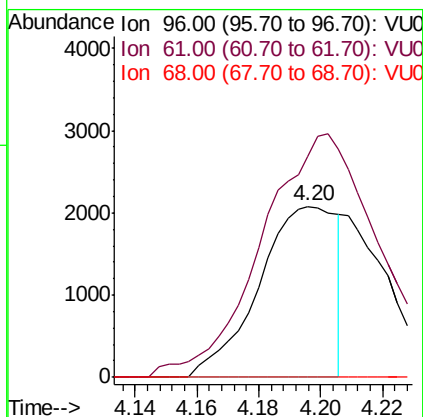
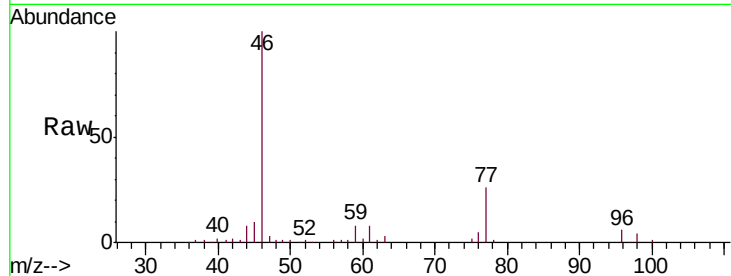




#20
 cis-1,2-Dichloroethene
 Concen: 1.443 ug/L
 RT: 4.20 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VU033705.D
 Acq: 10 Aug 2019 00:02

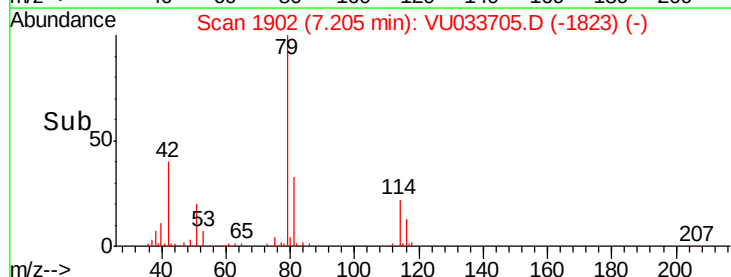
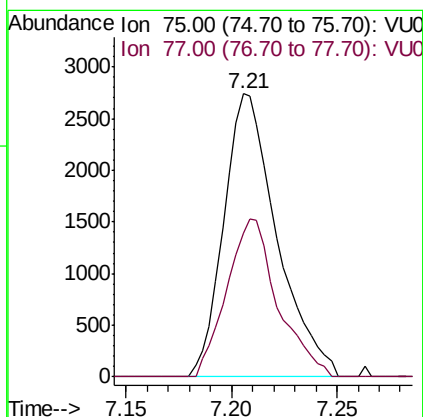
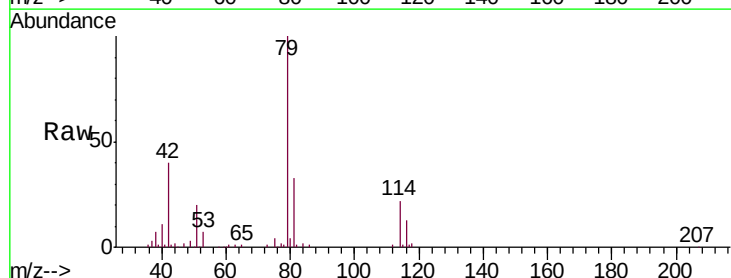
Instrument :
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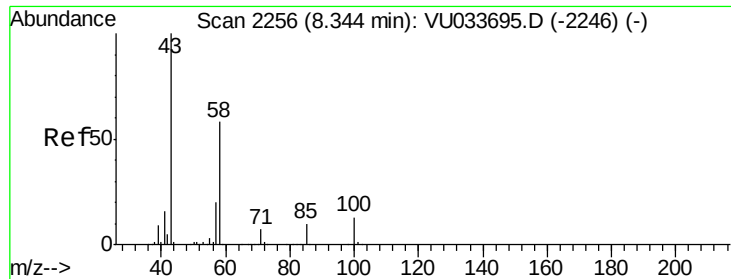
Tgt Ion: 96 Resp: 3644
 Ion Ratio Lower Upper
 96 100
 61 128.8 87.0 161.6
 68 0.0 0.0 0.0



#39
 cis-1,3-Dichloropropene
 Concen: 1.176 ug/L
 RT: 7.21 min Scan# 1902
 Delta R.T. -0.05 min
 Lab File: VU033705.D
 Acq: 10 Aug 2019 00:02

Tgt Ion: 75 Resp: 4784
 Ion Ratio Lower Upper
 75 100
 77 50.8 21.7 40.3#

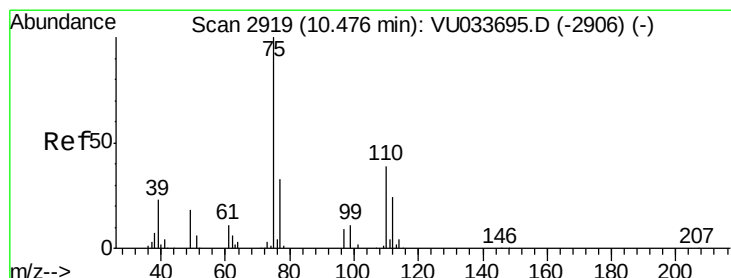
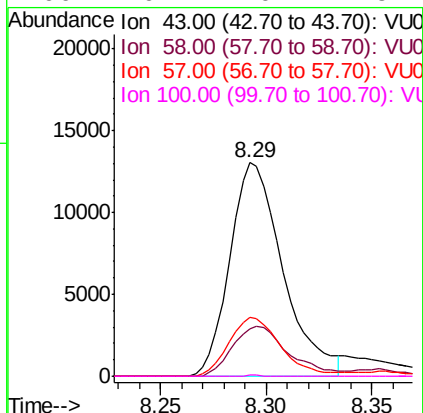
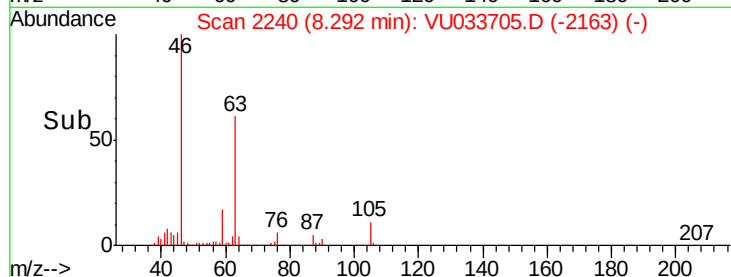
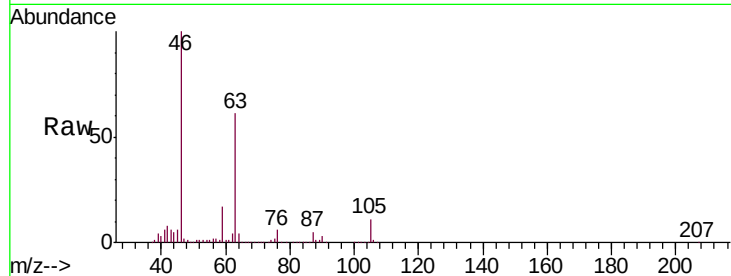




#48
 2-Hexanone
 Concen: 7.630 ug/L
 RT: 8.29 min Scan# 2240
 Delta R.T. -0.05 min
 Lab File: VU033705.D
 Acq: 10 Aug 2019 00:02

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B45

Tgt Ion: 43 Resp: 22879
 Ion Ratio Lower Upper
 43 100
 58 24.8 46.6 70.0#
 57 26.9 16.2 24.4#
 100 0.2 10.1 15.1#



#59
 1,2,3-Trichloropropane
 Concen: 5.583 ug/L
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.99 min
 Lab File: VU033705.D
 Acq: 10 Aug 2019 00:02

Tgt Ion: 75 Resp: 19326
 Ion Ratio Lower Upper
 75 100
 77 35.6 26.4 39.6

