

Data File : VU033704.D
Acq On : 09 Aug 2019 23:39
Operator : JC/SP
Sample : K4202-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B43

Quant Time: Aug 10 04:30:34 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	351605	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	341679	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	169930	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	129846	50.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.34%
7) Chloroethane-d5	1.67	69	116211	44.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	2.26	63	174365	40.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.14%
21) 2-Butanone-d5	4.15	46	249429	155.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	155.45%#
24) Chloroform-d	4.62	84	246088	64.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	128.00%#
26) 1,2-Dichloroethane-d4	5.29	65	165382	68.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	137.56%#
32) Benzene-d6	5.32	84	502828	62.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	124.72%
36) 1,2-Dichloropropane-d6	6.31	67	166126	67.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	134.26%#
41) Toluene-d8	7.55	98	447844	59.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.10%
43) trans-1,3-Dichloropropene-	7.83	79	77104	61.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	123.40%
47) 2-Hexanone-d5	8.29	63	188719	147.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	147.24%#
57) 1,1,2,2-Tetrachloroethane-	10.41	84	253634	69.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	138.58%#
64) 1,2-Dichlorobenzene-d4	11.84	152	193993	67.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	135.66%#

Target Compounds

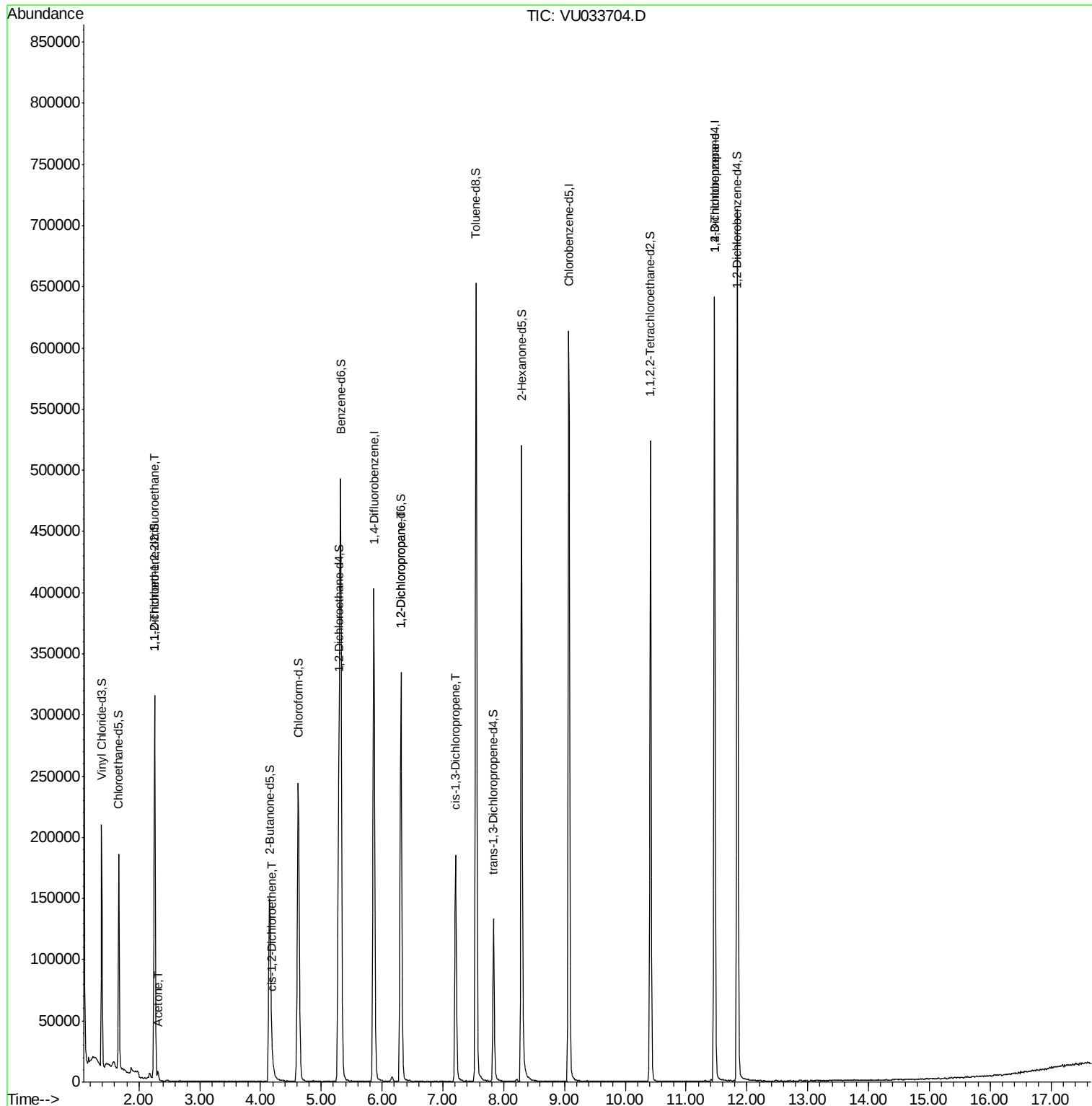
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1657	0.787	ug/L #	18
13) Acetone	2.31	43	5901	3.658	ug/L	97
20) cis-1,2-Dichloroethene	4.20	96	2683	1.061	ug/L	86
37) 1,2-Dichloropropane	6.31	63	18082	7.125	ug/L #	88
39) cis-1,3-Dichloropropene	7.21	75	4544	1.127	ug/L #	67
59) 1,2,3-Trichloropropane	11.47	75	18985	5.534	ug/L #	88

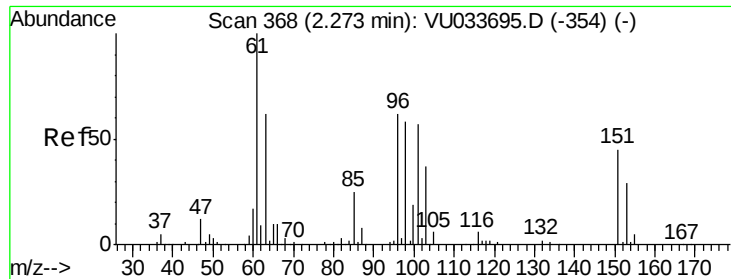
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.787 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.02 min

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Instrument :

MSVOA_U

ClientSampleId :

F2B43

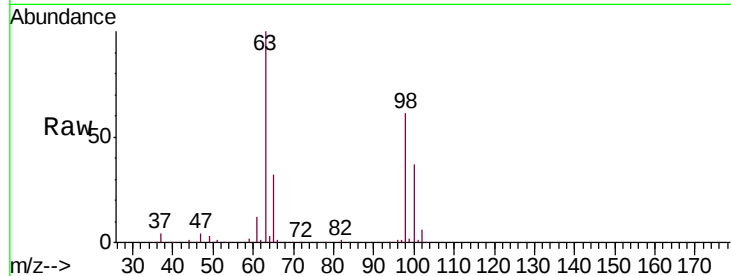
Tgt Ion:101 Resp: 1657

Ion Ratio Lower Upper

101 100

85 0.0 34.5 51.7#

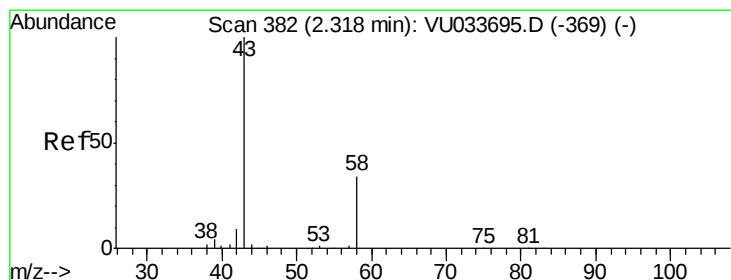
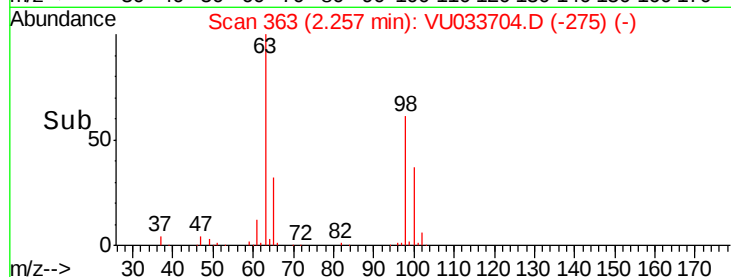
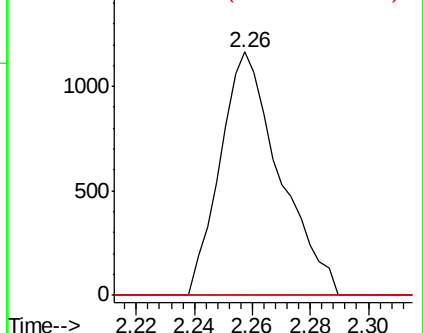
151 0.0 63.0 94.4#



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



#13

Acetone

Concen: 3.658 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.01 min

Lab File: VU033704.D

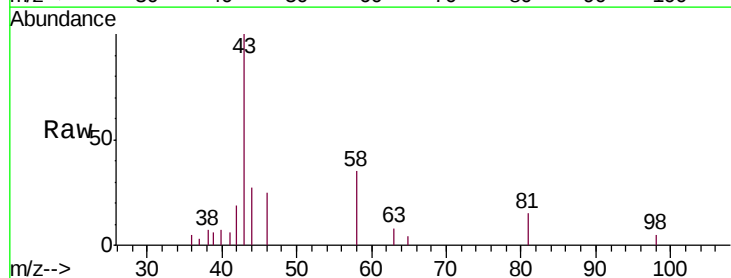
Acq: 09 Aug 2019 23:39

Tgt Ion: 43 Resp: 5901

Ion Ratio Lower Upper

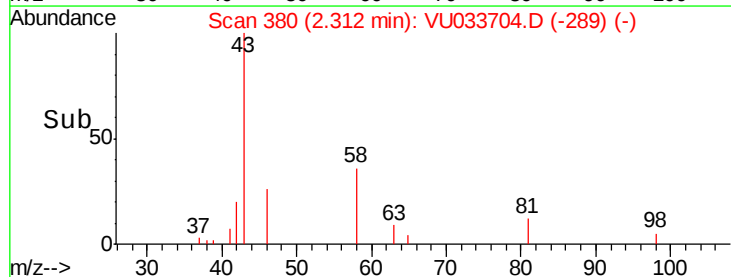
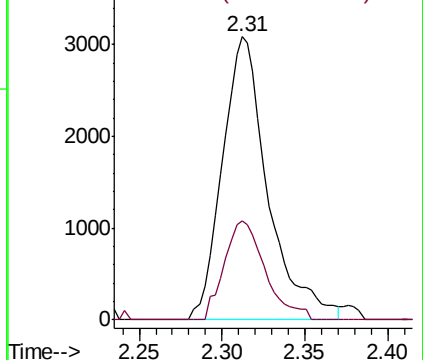
43 100

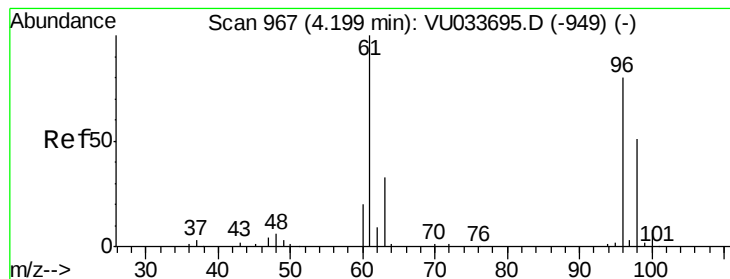
58 31.4 0.0 65.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#20

cis-1,2-Dichloroethene

Concen: 1.061 ug/L

RT: 4.20 min Scan# 966

Delta R.T. -0.00 min

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Acq: 09 Aug 2019 23:39

Instrument :

MSVOA_U

ClientSampleId :

F2B43

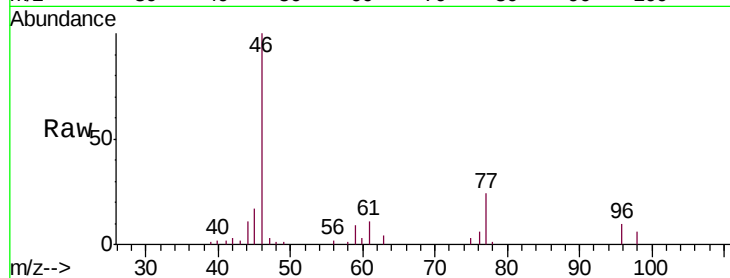
Tgt Ion: 96 Resp: 2683

Ion Ratio Lower Upper

96 100

61 108.2 87.0 161.6

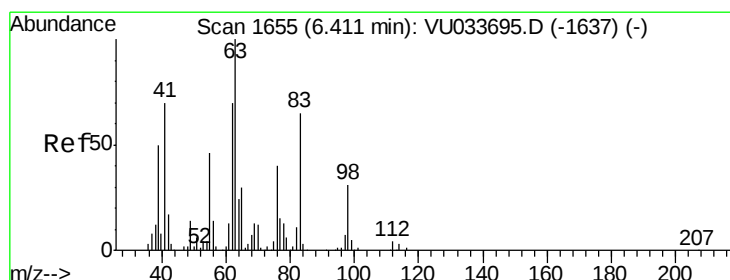
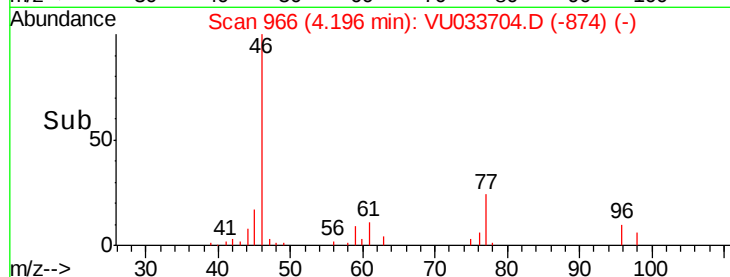
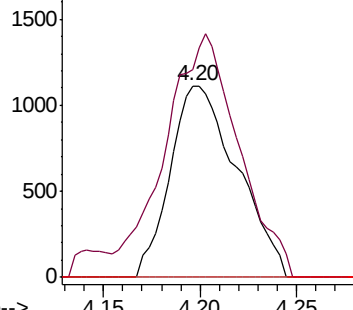
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU033695.D (-949) (-)

Ion 61.00 (60.70 to 61.70): VU033695.D (-949) (-)

Ion 68.00 (67.70 to 68.70): VU033695.D (-949) (-)



#37

1,2-Dichloropropane

Concen: 7.125 ug/L

RT: 6.31 min Scan# 1624

Delta R.T. -0.10 min

Lab File: VU033704.D

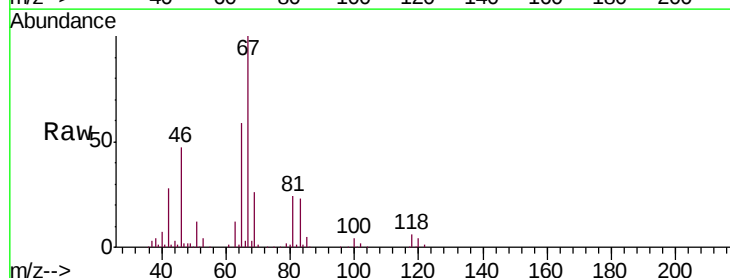
Acq: 09 Aug 2019 23:39

Tgt Ion: 63 Resp: 18082

Ion Ratio Lower Upper

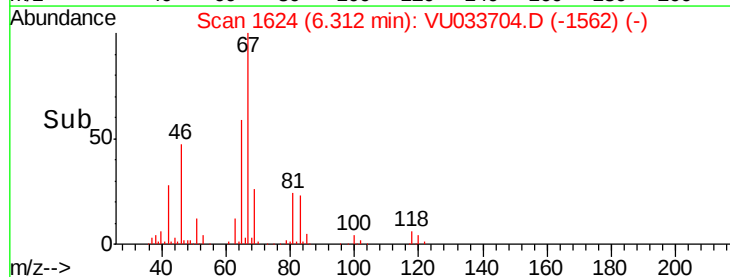
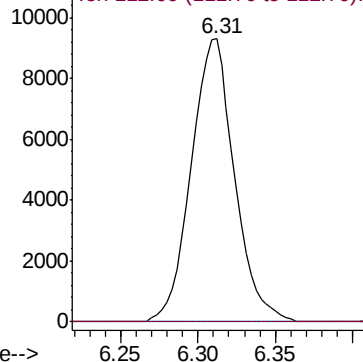
63 100

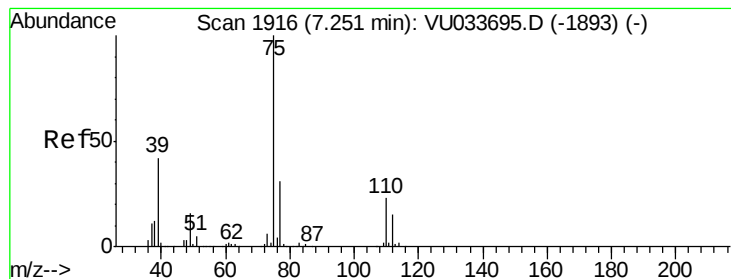
112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU033695.D (-1637) (-)

Ion 112.00 (111.70 to 112.70): VU033695.D (-1637) (-)



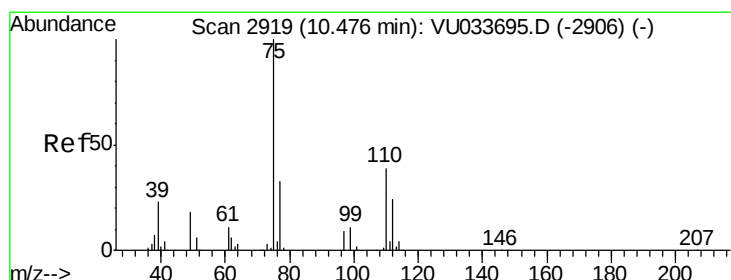
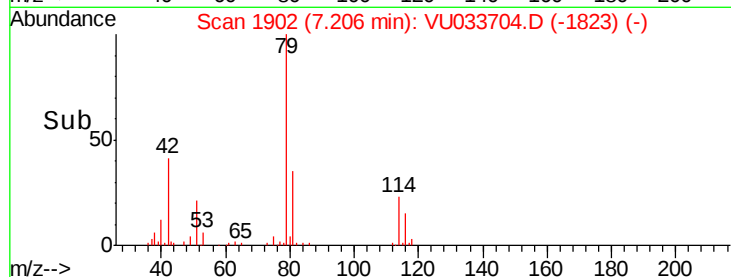
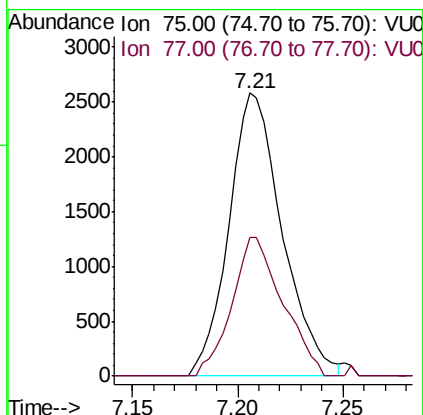
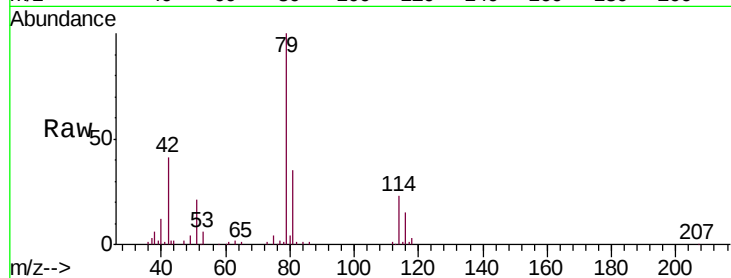


#39

cis-1,3-Dichloropropene
 Concen: 1.127 ug/L
 RT: 7.21 min Scan# 1902
 Delta R.T. -0.04 min
 Lab File: VU033704.D
 Acq: 09 Aug 2019 23:39

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B43

Tgt Ion: 75 Resp: 4544
 Ion Ratio Lower Upper
 75 100
 77 49.1 21.7 40.3#



#59

1,2,3-Trichloropropane
 Concen: 5.534 ug/L
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.99 min
 Lab File: VU033704.D
 Acq: 09 Aug 2019 23:39

Tgt Ion: 75 Resp: 18985
 Ion Ratio Lower Upper
 75 100
 77 39.8 26.4 39.6#

