

Data File : VU033666.D
Acq On : 09 Aug 2019 03:00
Operator : JC/SP
Sample : K4161-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETOE9

Quant Time: Aug 09 09:11:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 09 09:08:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	296333	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	302923	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	136039	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	138860	41.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.02%
7) Chloroethane-d5	1.67	69	122204	43.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.32%
11) 1,1-Dichloroethene-d2	2.26	63	184846	34.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.36%
21) 2-Butanone-d5	4.15	46	208427	85.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.08%
24) Chloroform-d	4.62	84	234910	42.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.76%
26) 1,2-Dichloroethane-d4	5.29	65	153224	42.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.72%
32) Benzene-d6	5.32	84	478429	42.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.70%
36) 1,2-Dichloropropane-d6	6.31	67	152640	42.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.00%
41) Toluene-d8	7.55	98	426566	40.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.68%
43) trans-1,3-Dichloropropene-	7.83	79	67796	38.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.12%
47) 2-Hexanone-d5	8.29	63	150562	83.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.73%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	233268	41.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.04%
64) 1,2-Dichlorobenzene-d4	11.85	152	165236	44.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.92%

Target Compounds

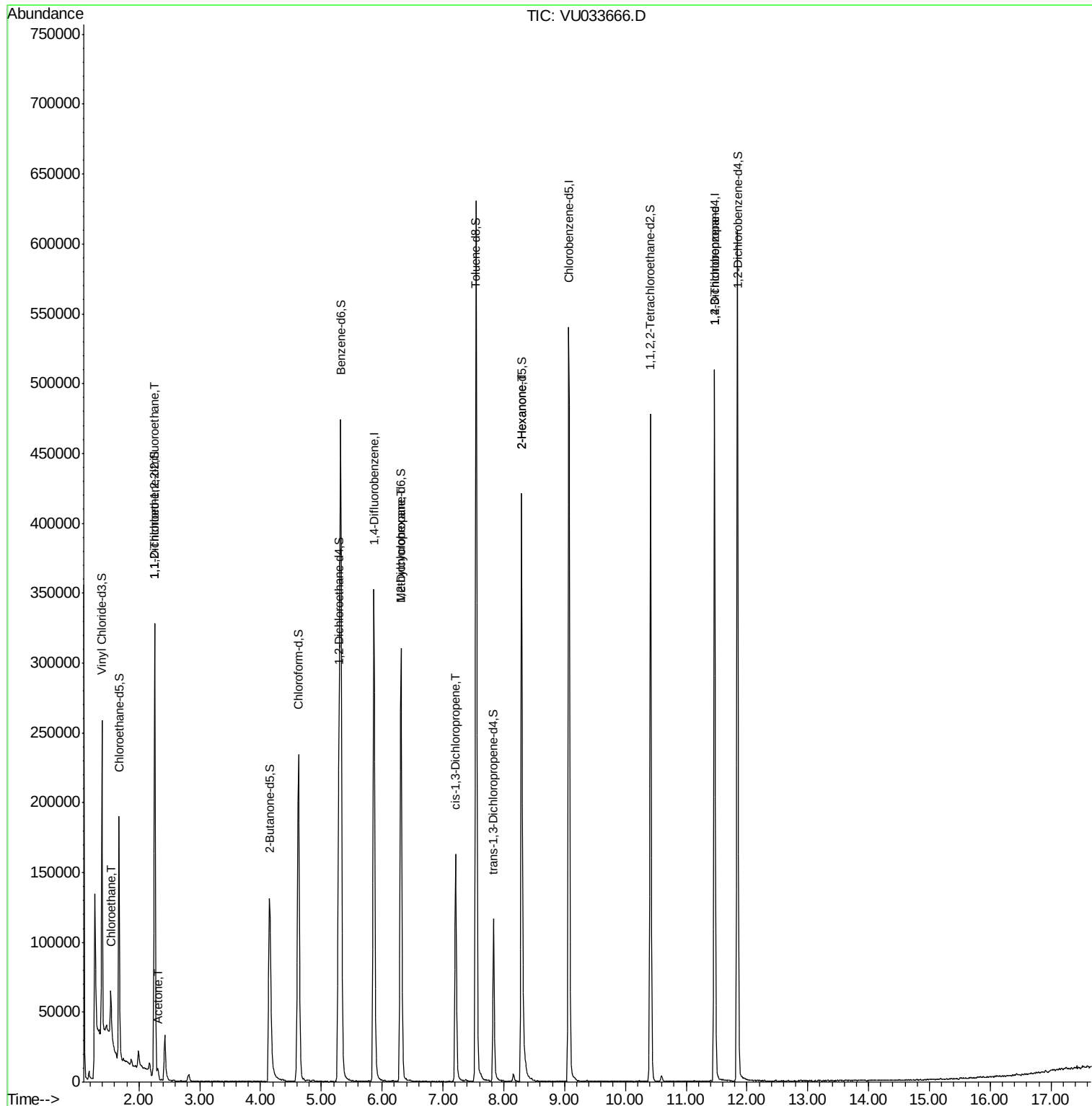
					Qvalue	
8) Chloroethane	1.54	64	37631	18.758	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1649	0.751	ug/L #	19
13) Acetone	2.31	43	6032	3.619	ug/L	95
35) Methylcyclohexane	6.31	83	34987	9.314	ug/L #	20
39) cis-1,3-Dichloropropene	7.21	75	4201	1.092	ug/L	88
48) 2-Hexanone	8.29	43	18294	5.918	ug/L #	41
59) 1,2,3-Trichloropropane	11.47	75	16484	4.671	ug/L	90

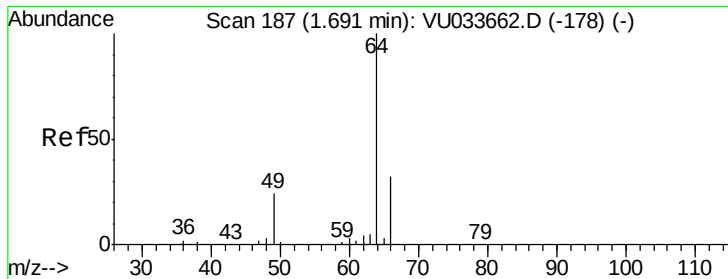
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 18.758 ug/L

RT: 1.54 min Scan# 139

Delta R.T. -0.15 min

Lab File: VU033666.D

Acq: 09 Aug 2019 03:00

Instrument :

MSVOA_U

ClientSampleId :

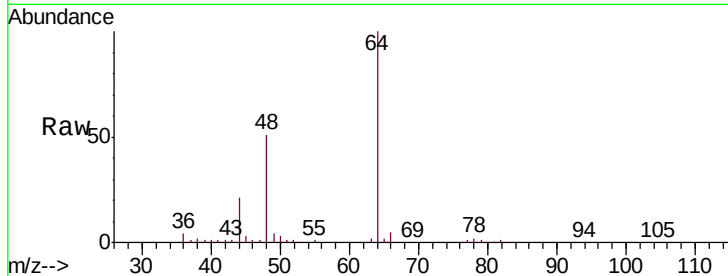
ETOE9

Tgt Ion: 64 Resp: 37631

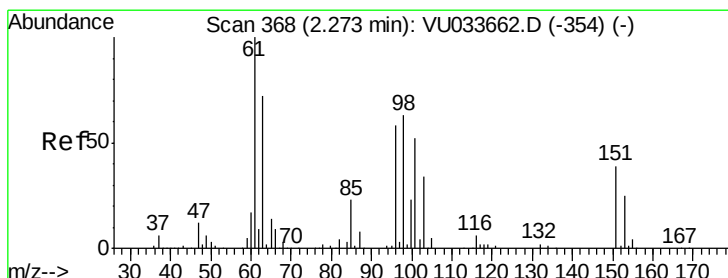
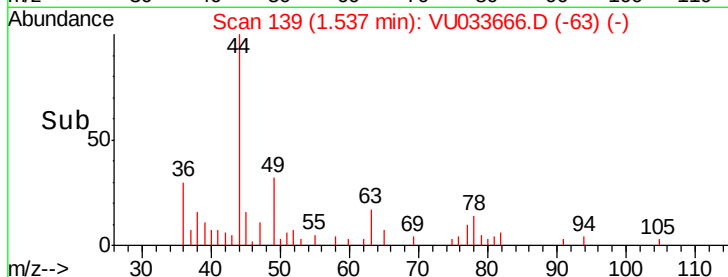
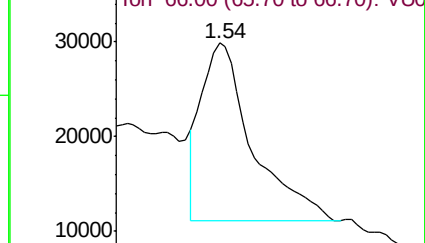
Ion Ratio Lower Upper

64 100

66 5.4 23.0 42.8#



Abundance Ion 64.00 (63.70 to 64.70): VU033666.D (-139) (-)



#10

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

Concen: 0.751 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: VU033666.D

Acq: 09 Aug 2019 03:00

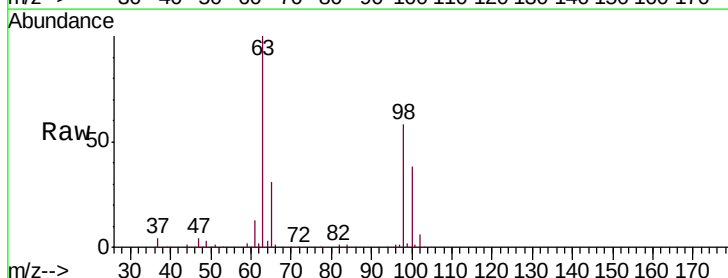
Tgt Ion: 101 Resp: 1649

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

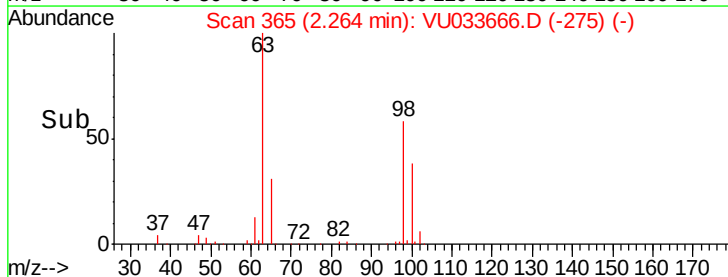
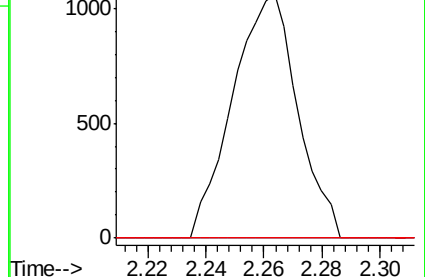
151 0.0 60.4 90.6#

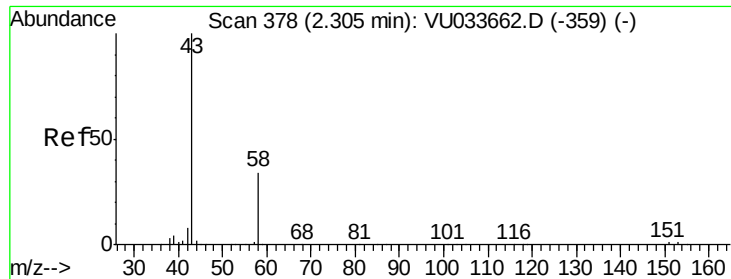


Abundance Ion 101.00 (100.70 to 101.70): VU033666.D (-365) (-)

Ion 85.00 (84.70 to 85.70): VU033666.D (-365) (-)

Ion 151.00 (150.70 to 151.70): VU033666.D (-365) (-)





#13

Acetone

Concen: 3.619 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU033666.D

Acq: 09 Aug 2019 03:00

Instrument :

MSVOA_U

ClientSampleId :

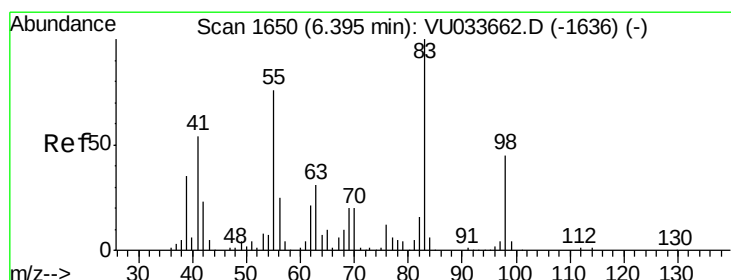
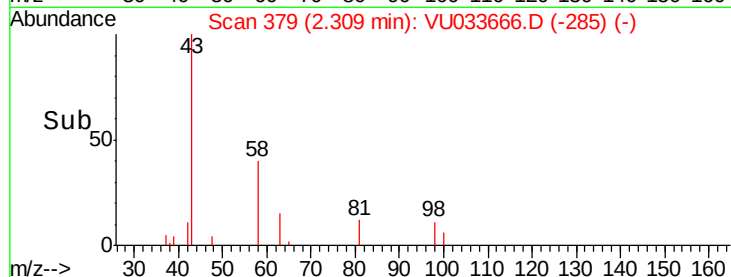
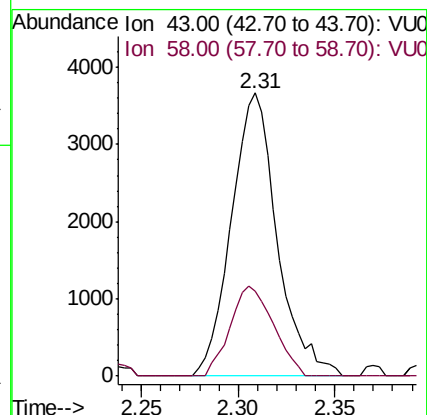
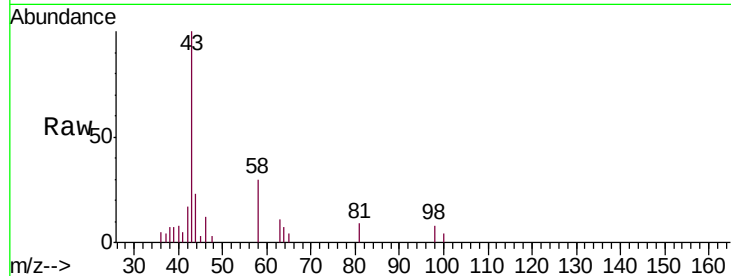
ETOE9

Tgt Ion: 43 Resp: 6032

Ion Ratio Lower Upper

43 100

58 29.9 0.0 65.0



#35

Methylcyclohexane

Concen: 9.314 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.09 min

Lab File: VU033666.D

Acq: 09 Aug 2019 03:00

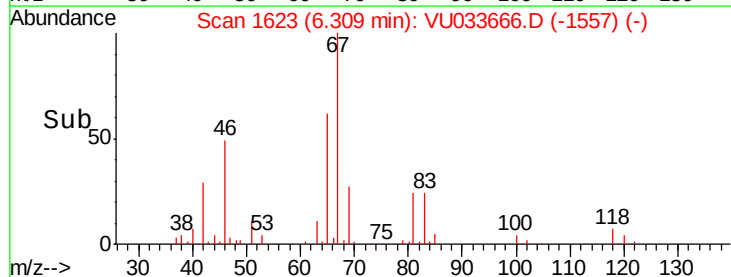
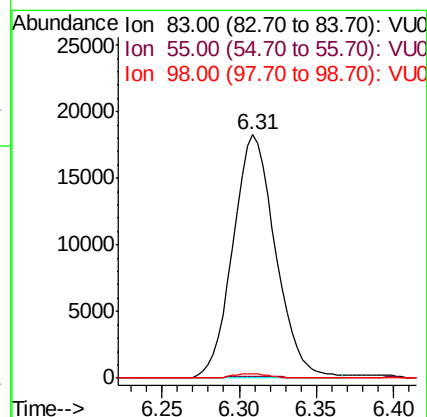
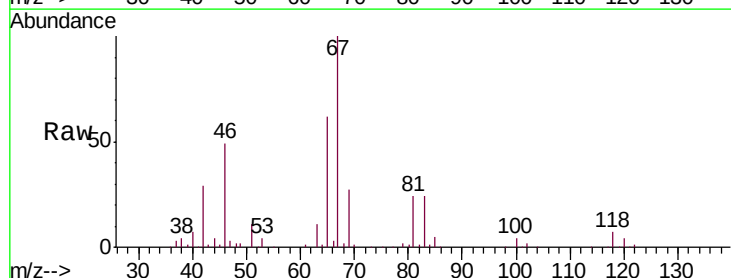
Tgt Ion: 83 Resp: 34987

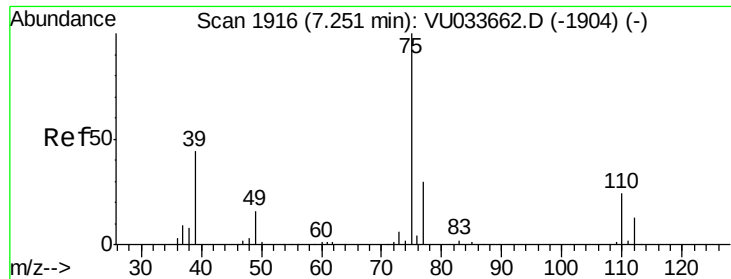
Ion Ratio Lower Upper

83 100

55 0.6 61.3 91.9#

98 1.4 36.7 55.1#

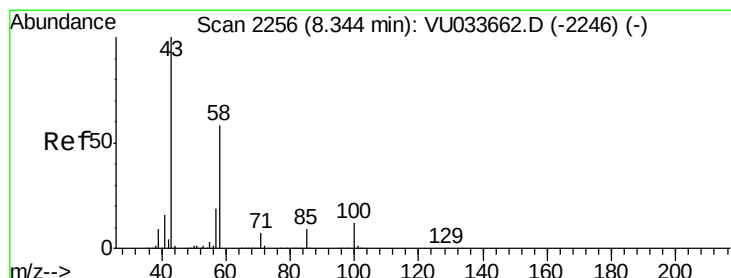
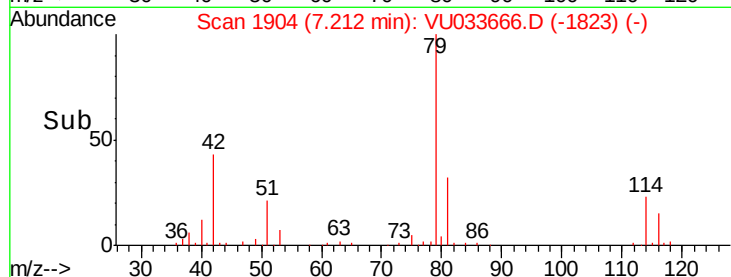
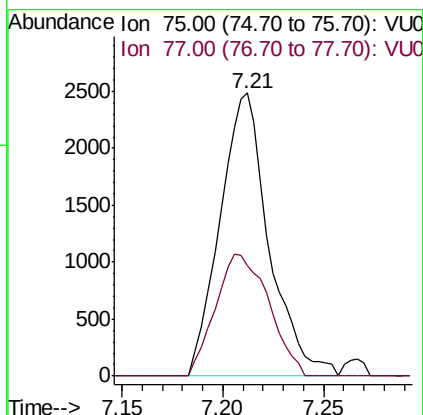
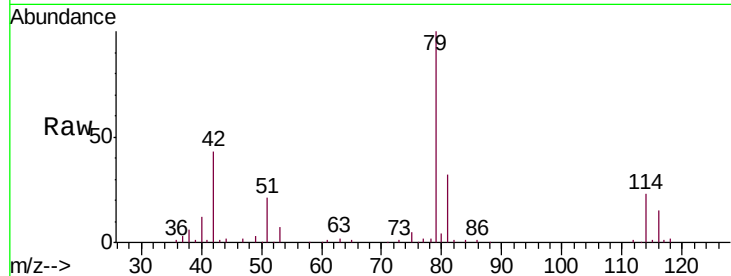




#39
 cis-1,3-Dichloropropene
 Concen: 1.092 ug/L
 RT: 7.21 min Scan# 1904
 Delta R.T. -0.04 min
 Lab File: VU033666.D
 Acq: 09 Aug 2019 03:00

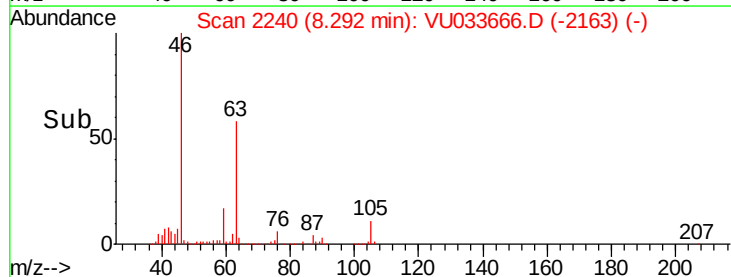
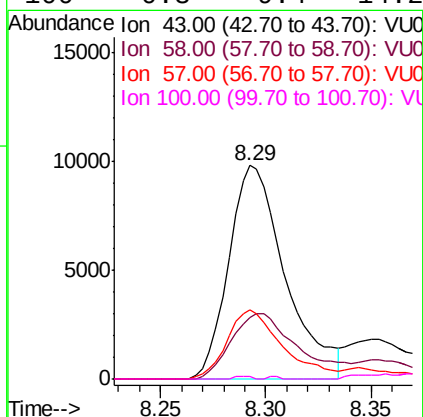
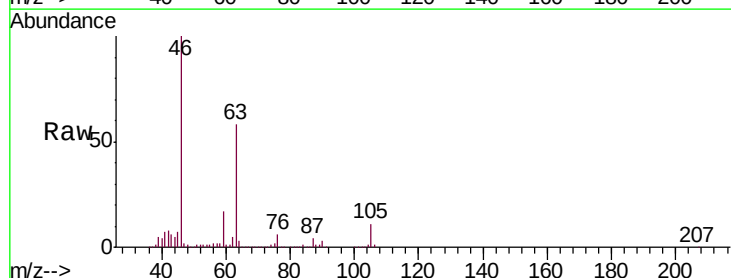
Instrument :
 MSVOA_U
 ClientSampled :
 ETOE9

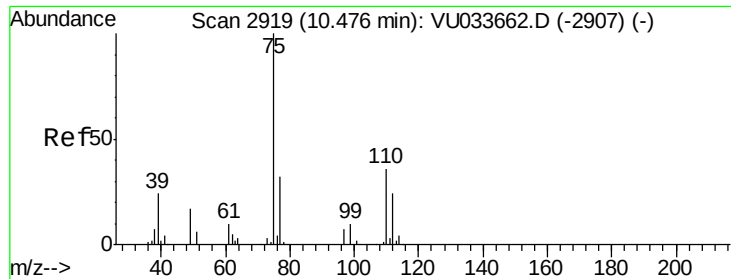
Tgt Ion: 75 Resp: 4201
 Ion Ratio Lower Upper
 75 100
 77 39.0 22.5 41.9



#48
 2-Hexanone
 Concen: 5.918 ug/L
 RT: 8.29 min Scan# 2240
 Delta R.T. -0.05 min
 Lab File: VU033666.D
 Acq: 09 Aug 2019 03:00

Tgt Ion: 43 Resp: 18294
 Ion Ratio Lower Upper
 43 100
 58 0.0 44.8 67.2#
 57 31.9 15.5 23.3#
 100 0.3 9.4 14.2#





#59
 1,2,3-Trichloropropane
 Concen: 4.671 ug/L
 RT: 11.47 min Scan# 3228
 Delta R.T. 0.99 min
 Lab File: VU033666.D
 Acq: 09 Aug 2019 03:00

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOE9

Tgt Ion: 75 Resp: 16484
 Ion Ratio Lower Upper
 75 100
 77 37.6 25.5 38.3

