

Data File : VU033647.D
Acq On : 08 Aug 2019 18:56
Operator : JC/SP
Sample : K4161-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETOD7

Quant Time: Aug 09 07:44:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 09 07:39:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	283249	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	283075	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	127816	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	143418	44.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.70%
7) Chloroethane-d5	1.67	69	120984	44.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.26	63	184233	35.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.28%
21) 2-Butanone-d5	4.15	46	211710	90.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.41%
24) Chloroform-d	4.62	84	223912	42.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.52%
26) 1,2-Dichloroethane-d4	5.29	65	149978	43.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.78%
32) Benzene-d6	5.32	84	466756	44.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.44%
36) 1,2-Dichloropropane-d6	6.31	67	149887	44.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.32%
41) Toluene-d8	7.55	98	417022	42.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.46%
43) trans-1,3-Dichloropropene-	7.83	79	68714	41.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.66%
47) 2-Hexanone-d5	8.30	63	149508	88.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.97%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	220426	41.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.96%
64) 1,2-Dichlorobenzene-d4	11.85	152	160760	46.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.08%

Target Compounds

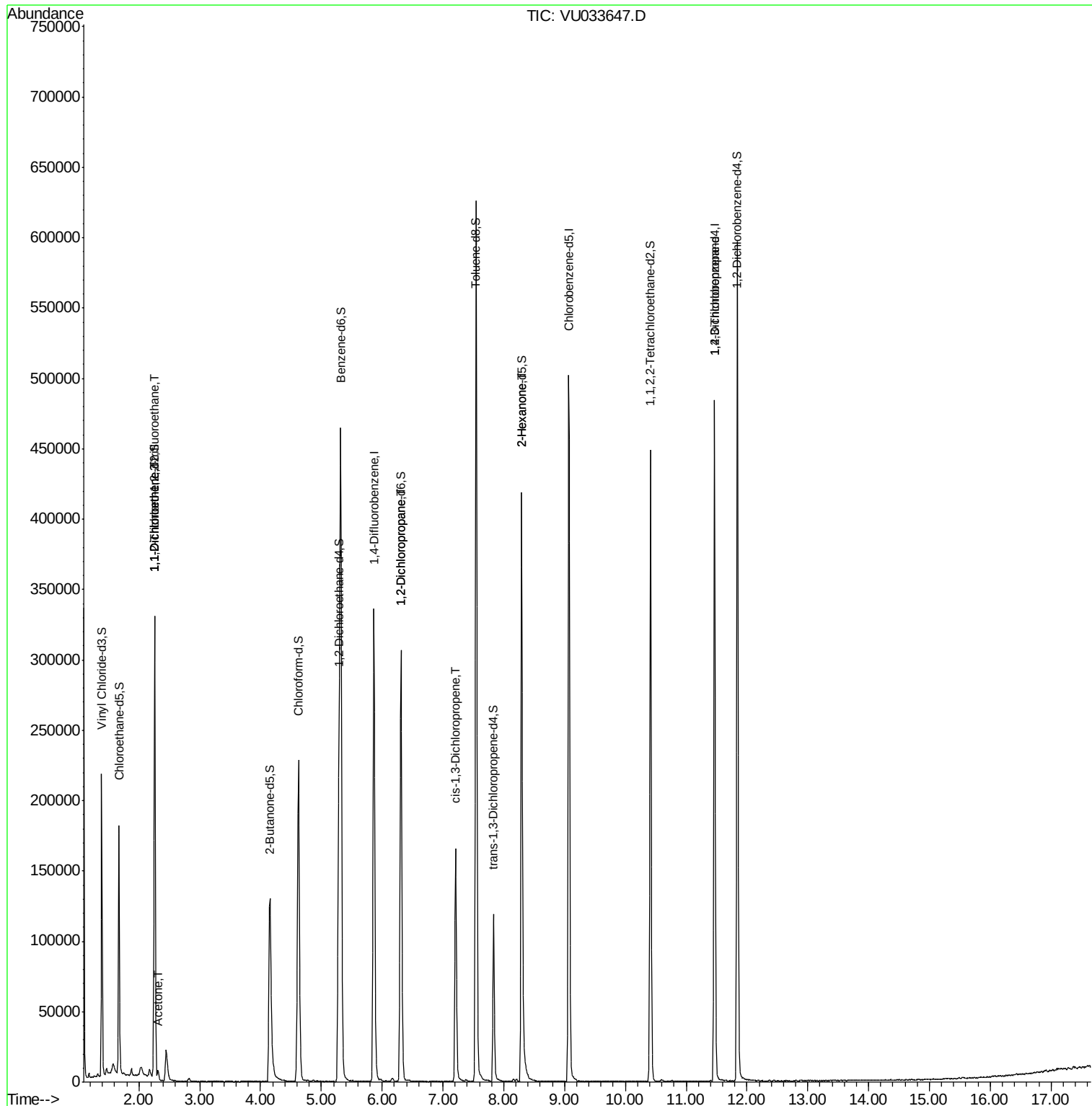
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.25	101	1807	0.861	ug/L #	19
12) 1,1-Dichloroethene	2.26	96	1688	0.842	ug/L #	1
13) Acetone	2.32	43	5430	3.409	ug/L	88
37) 1,2-Dichloropropane	6.31	63	16481	6.824	ug/L #	88
39) cis-1,3-Dichloropropene	7.21	75	4144	1.153	ug/L #	67
48) 2-Hexanone	8.30	43	17378	6.016	ug/L #	72
59) 1,2,3-Trichloropropane	11.47	75	15521	4.707	ug/L	90

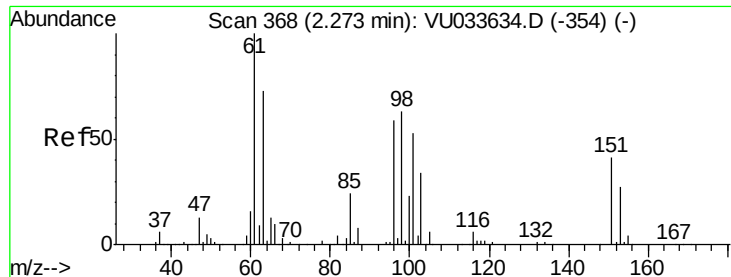
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.861 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.02 min

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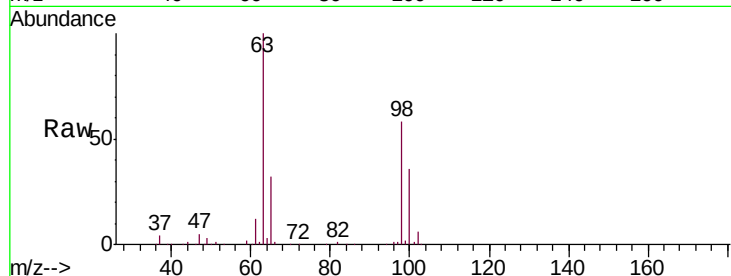
Tgt Ion: 101 Resp: 1807

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

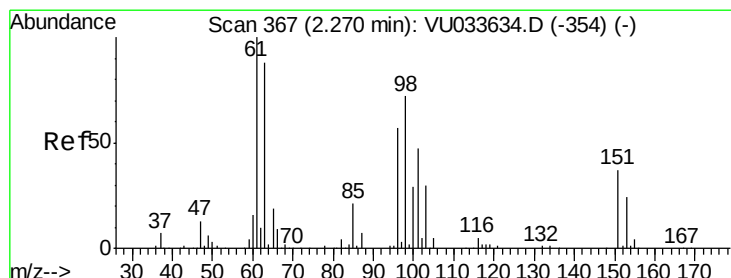
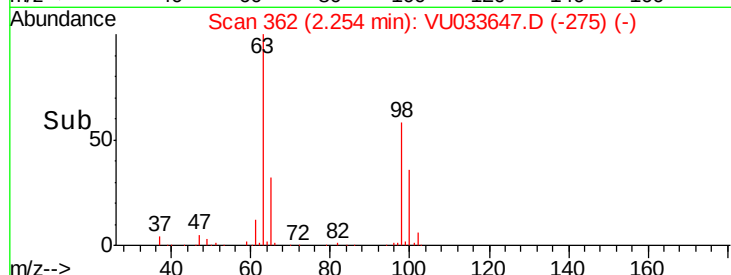
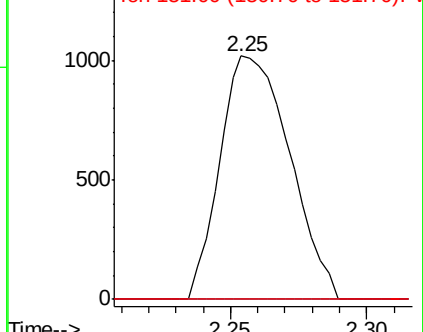
151 0.0 60.4 90.6#



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



#12

1,1-Dichloroethene

Concen: 0.842 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU033647.D

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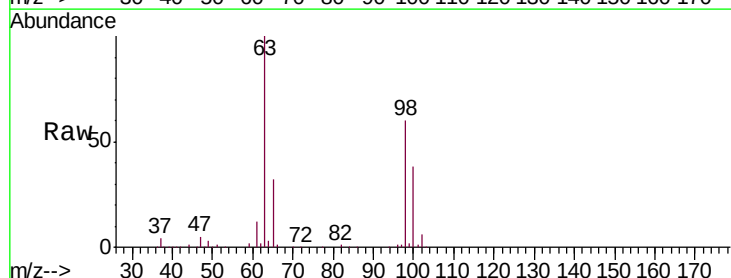
Tgt Ion: 96 Resp: 1688

Ion Ratio Lower Upper

96 100

61 1368.0 124.0 230.2#

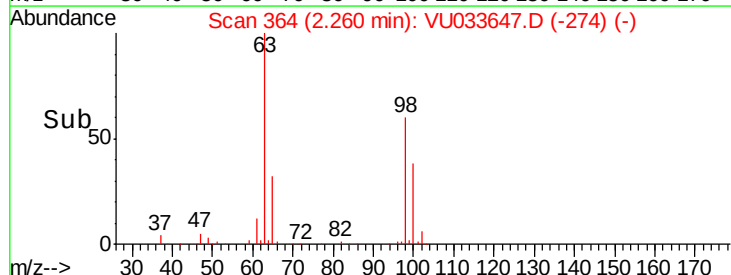
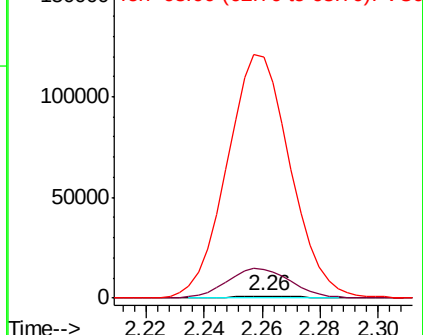
63 11308.1 114.9 213.5#

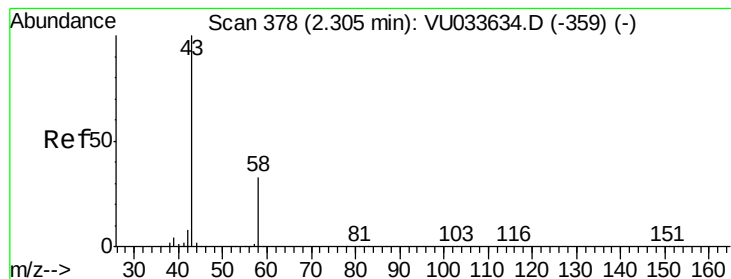


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 3.409 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.01 min

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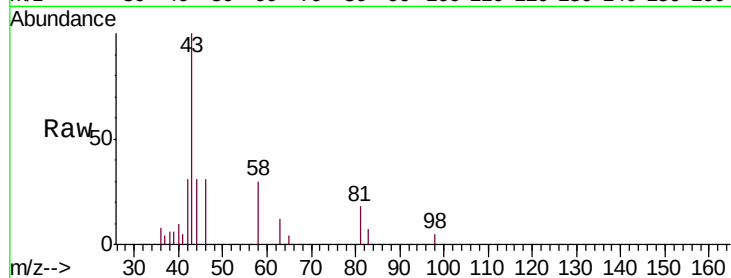
ETOD7

Tgt Ion: 43 Resp: 5430

Ion Ratio Lower Upper

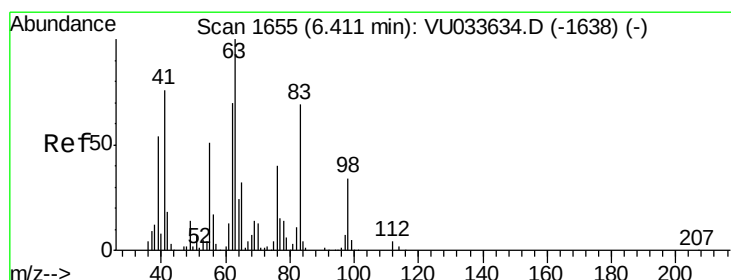
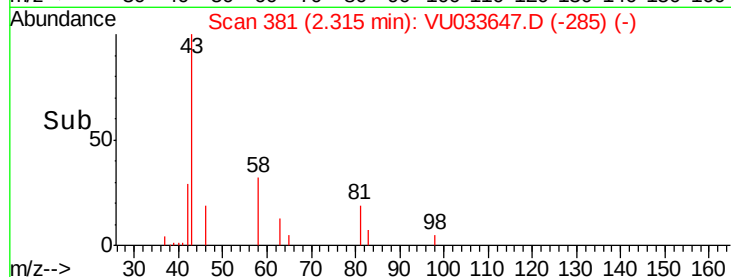
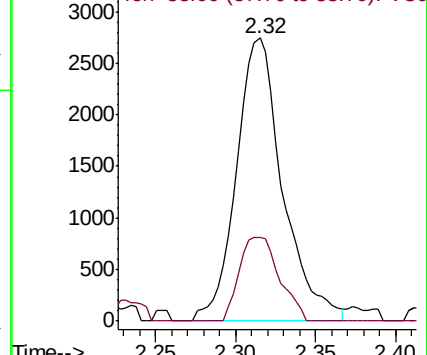
43 100

58 25.5 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VU033634.D (-359) (-)

Ion 58.00 (57.70 to 58.70): VU033634.D (-359) (-)



#37

1,2-Dichloropropane

Concen: 6.824 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.10 min

Lab File: VU033647.D

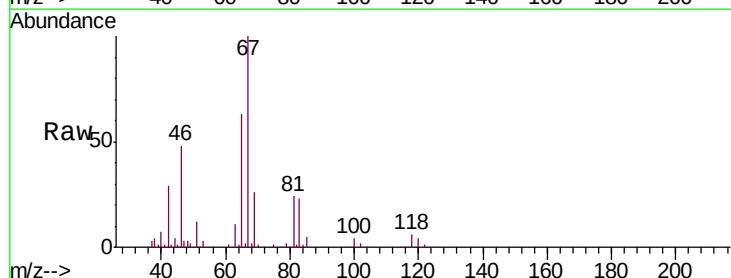
Acq: 08 Aug 2019 18:56

Tgt Ion: 63 Resp: 16481

Ion Ratio Lower Upper

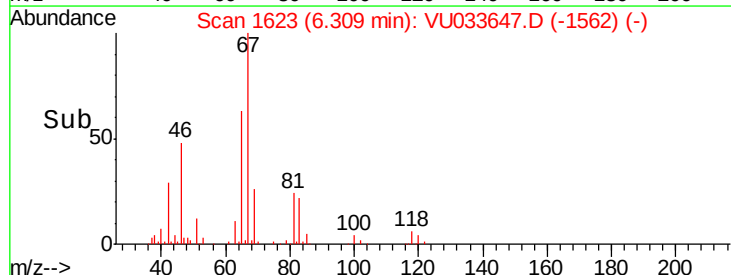
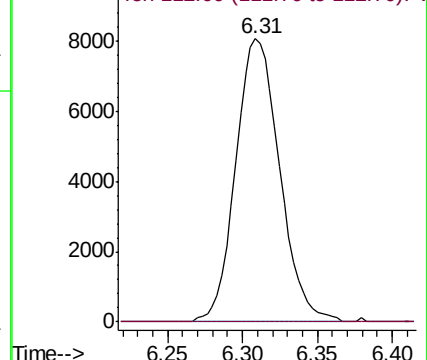
63 100

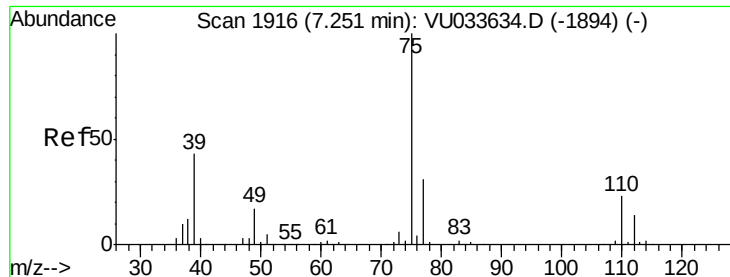
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU033634.D (-1638) (-)

Ion 112.00 (111.70 to 112.70): VU033634.D (-1638) (-)

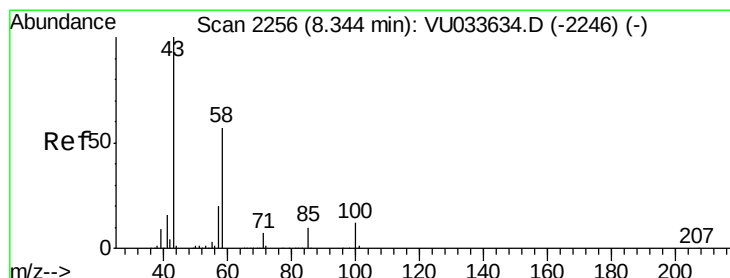
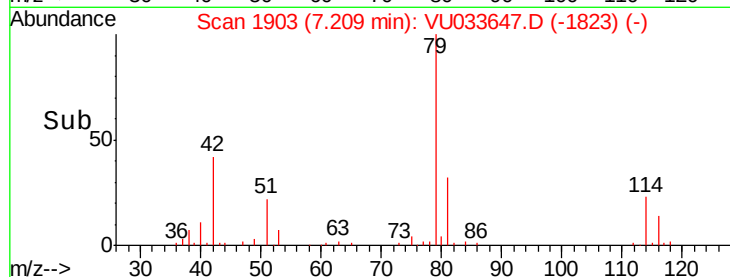
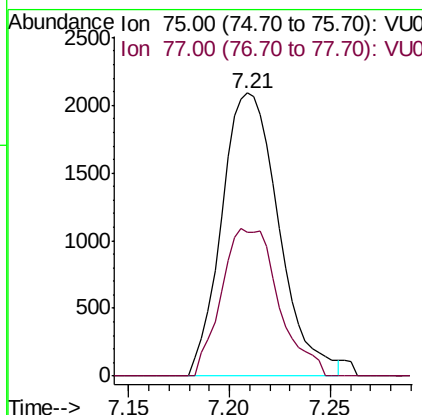
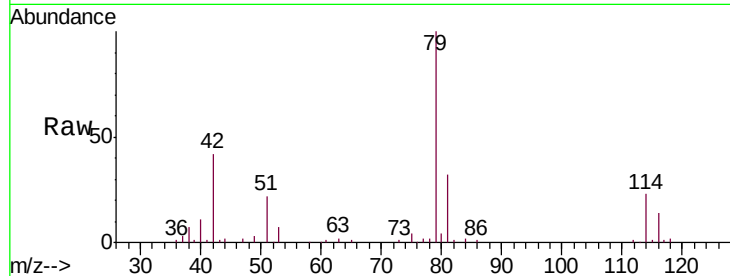




#39
 cis-1,3-Dichloropropene
 Concen: 1.153 ug/L
 RT: 7.21 min Scan# 1903
 Delta R.T. -0.04 min
 Lab File: VU033647.D
 Acq: 08 Aug 2019 18:56

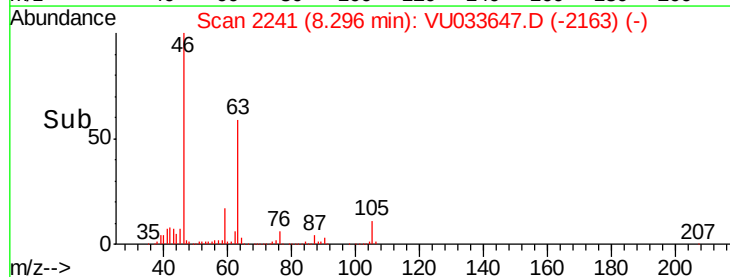
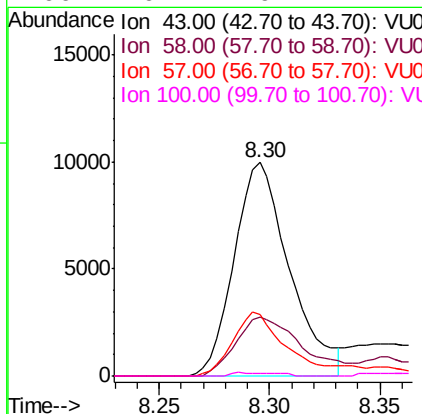
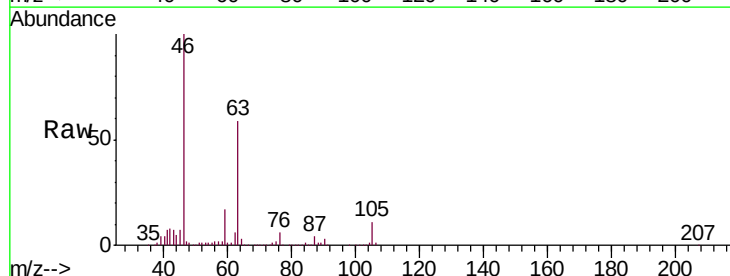
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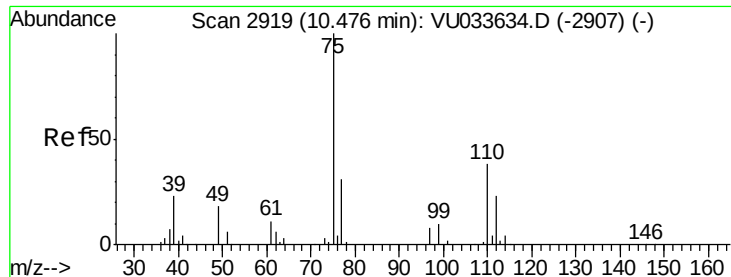
Tgt Ion: 75 Resp: 4144
 Ion Ratio Lower Upper
 75 100
 77 50.8 22.5 41.9#



#48
 2-Hexanone
 Concen: 6.016 ug/L
 RT: 8.30 min Scan# 2241
 Delta R.T. -0.05 min
 Lab File: VU033647.D
 Acq: 08 Aug 2019 18:56

Tgt Ion: 43 Resp: 17378
 Ion Ratio Lower Upper
 43 100
 58 33.4 44.8 67.2#
 57 27.6 15.5 23.3#
 100 0.2 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 4.707 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033647.D

Acq: 08 Aug 2019 18:56

Instrument :

MSVOA_U

ClientSampleId :

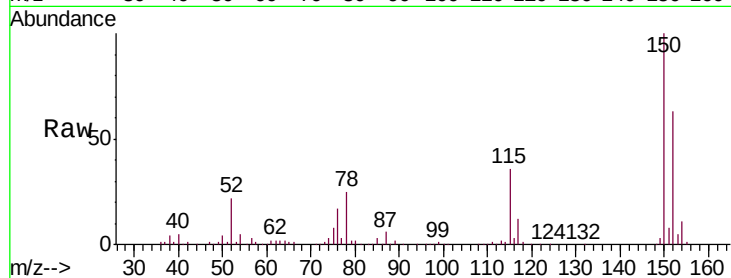
ETOD7

Tgt Ion: 75 Resp: 15521

Ion Ratio Lower Upper

75 100

77 37.7 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

