

Data File : VU033247.D
Acq On : 15 Jul 2019 10:38
Operator : JC/SP
Sample : K3787-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0C94

Quant Time: Jul 16 01:49:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 16 01:46:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	263946	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	264760	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	115333	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	102814	51.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.92%
7) Chloroethane-d5	1.67	69	92069	53.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.88%
11) 1,1-Dichloroethene-d2	2.26	63	137738	38.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.00%
21) 2-Butanone-d5	4.15	46	132444	104.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.62%
24) Chloroform-d	4.62	84	171306	51.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.32%
26) 1,2-Dichloroethane-d4	5.29	65	117509	54.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.44%
32) Benzene-d6	5.32	84	352760	54.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.62%
36) 1,2-Dichloropropane-d6	6.31	67	114252	54.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.82%
41) Toluene-d8	7.55	98	310174	50.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.28%
43) trans-1,3-Dichloropropene-	7.83	79	52537	51.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.00%
47) 2-Hexanone-d5	8.29	63	102644	109.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.43%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	165751	52.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.28%
64) 1,2-Dichlorobenzene-d4	11.85	152	117954	57.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.70%

Target Compounds

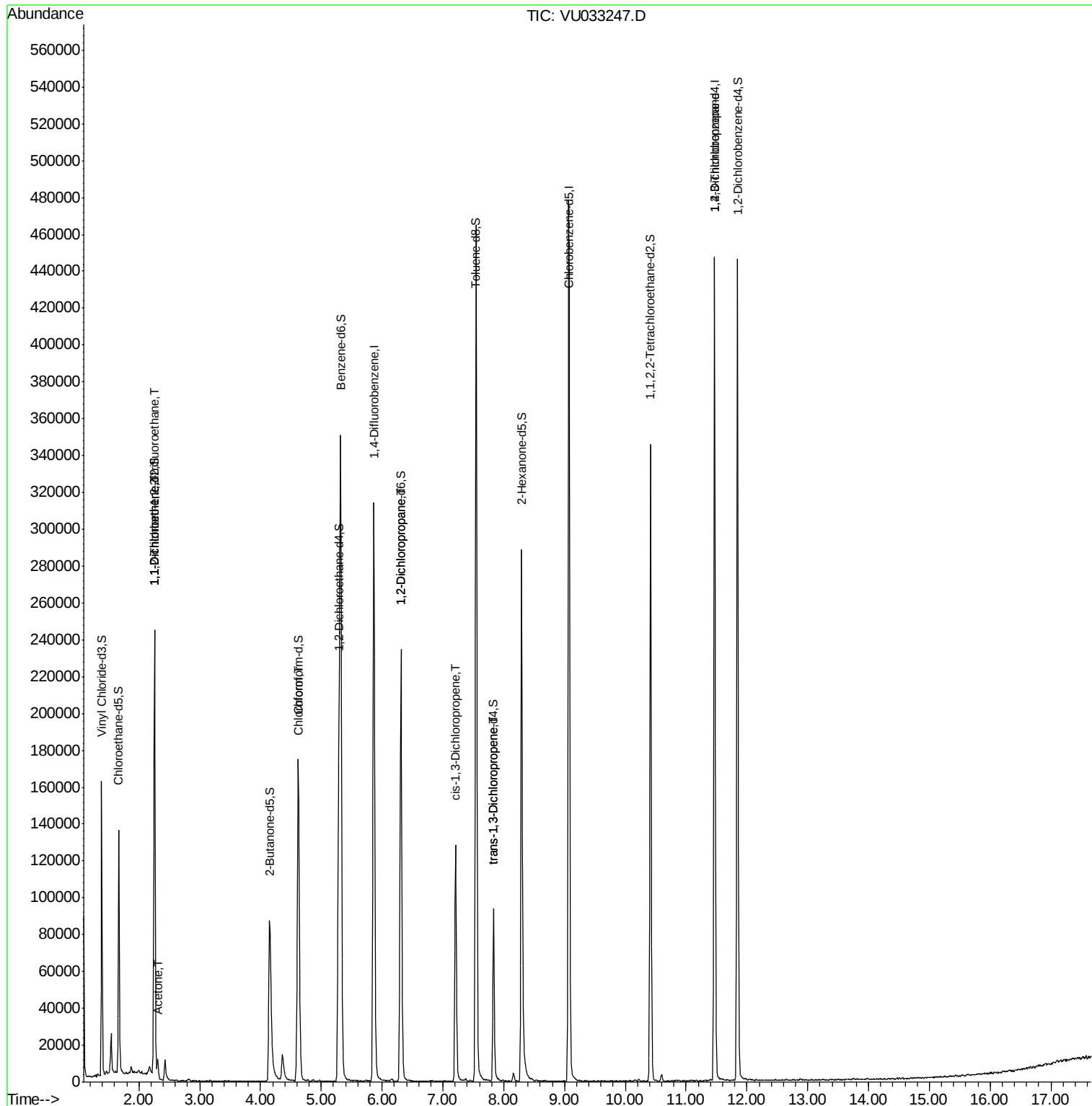
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.25	101	1356	0.753 ug/L #	21
12) 1,1-Dichloroethene	2.25	96	1154	0.655 ug/L #	1
13) Acetone	2.31	43	9432	5.963 ug/L	93
25) Chloroform	4.64	83	2323	0.624 ug/L	89
37) 1,2-Dichloropropane	6.31	63	12275	5.862 ug/L #	88
39) cis-1,3-Dichloropropene	7.21	75	3300	1.028 ug/L	89
44) trans-1,3-Dichloropropene	7.83	75	1745	0.603 ug/L	98
59) 1,2,3-Trichloropropane	11.47	75	14127	5.182 ug/L	89

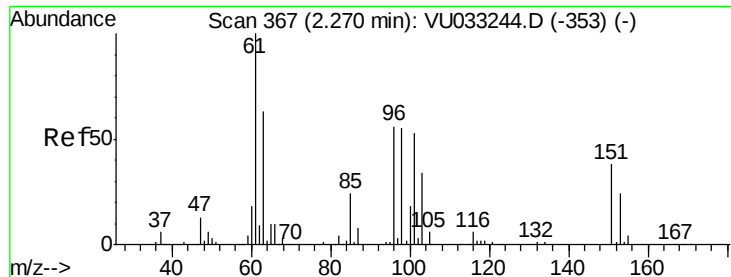
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.753 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.02 min

Lab File: VU033247.D

Acq: 15 Jul 2019 10:38

Instrument :

MSVOA_U

ClientSampled :

C0C94

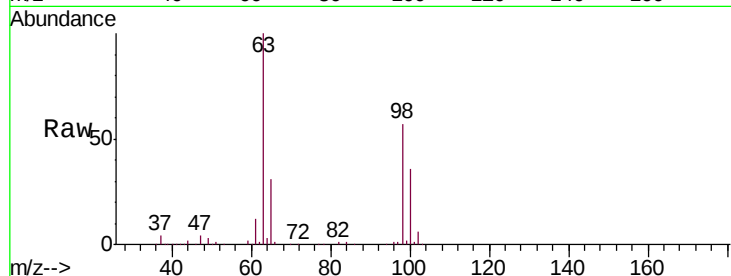
Tgt Ion: 101 Resp: 1356

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

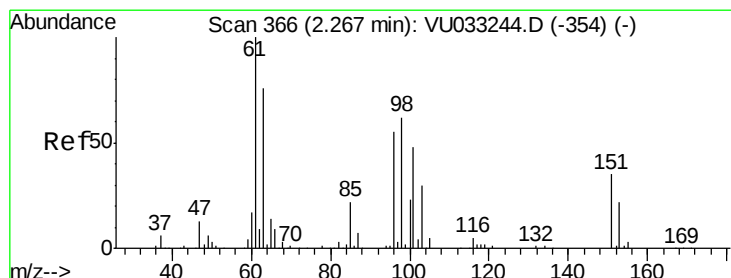
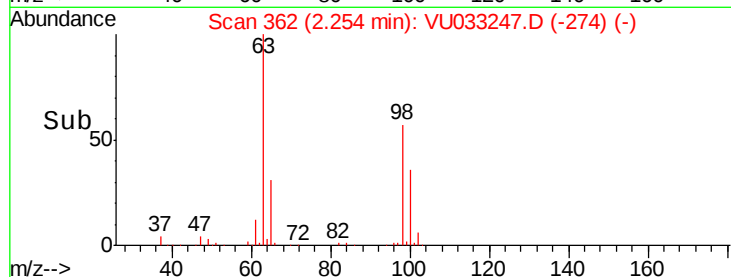
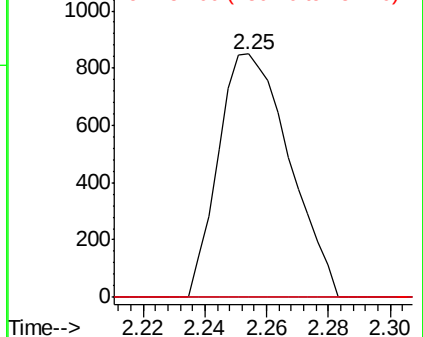
151 0.0 56.7 85.1#



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: 0.655 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.01 min

Lab File: VU033247.D

Acq: 15 Jul 2019 10:38

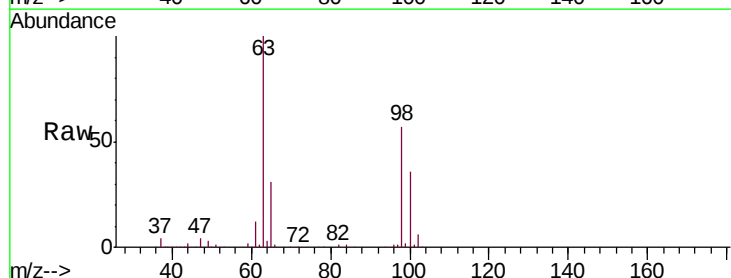
Tgt Ion: 96 Resp: 1154

Ion Ratio Lower Upper

96 100

61 1322.0 126.1 234.1#

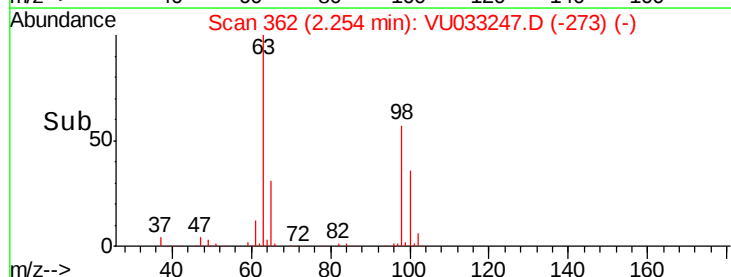
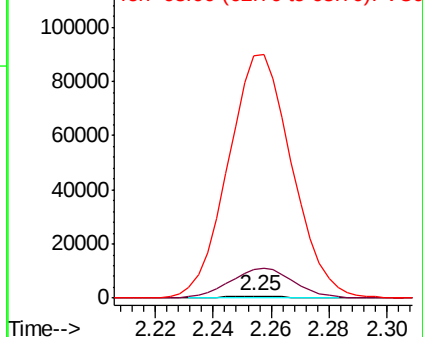
63 11223.1 96.8 179.8#

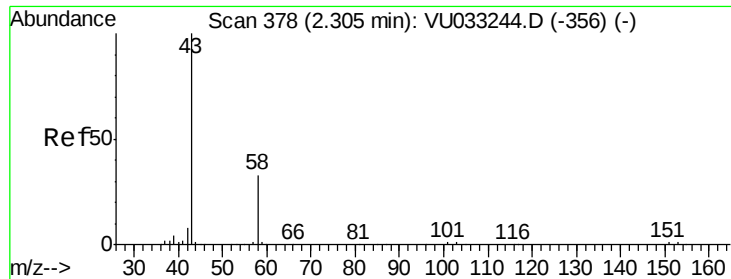


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 5.963 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU033247.D

Acq: 15 Jul 2019 10:38

Instrument :

MSVOA_U

ClientSampleId :

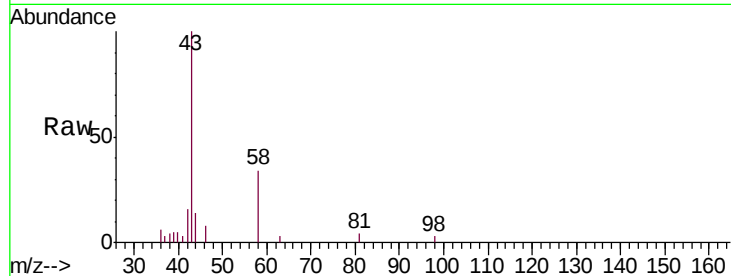
C0C94

Tgt Ion: 43 Resp: 9432

Ion Ratio Lower Upper

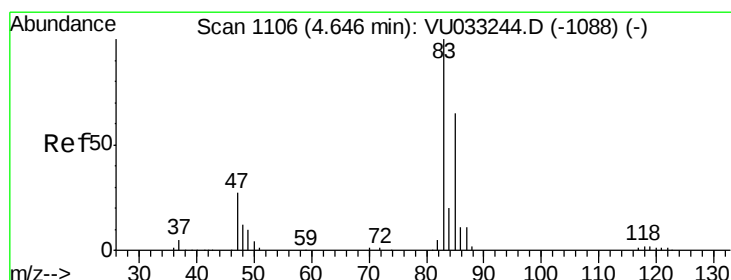
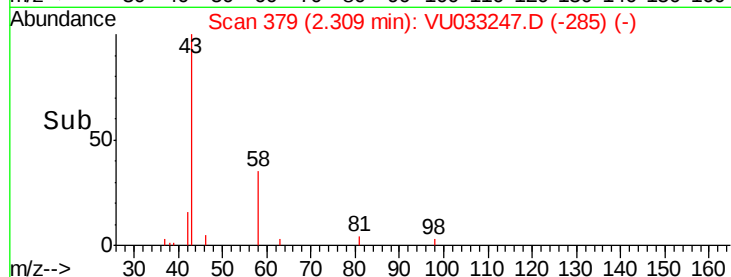
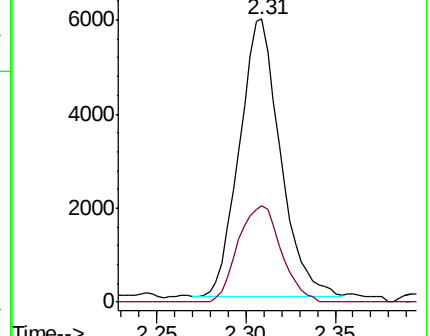
43 100

58 36.7 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VU033244.D (-356) (-)

Ion 58.00 (57.70 to 58.70): VU033244.D (-356) (-)



#25

Chloroform

Concen: 0.624 ug/L

RT: 4.64 min Scan# 1103

Delta R.T. -0.01 min

Lab File: VU033247.D

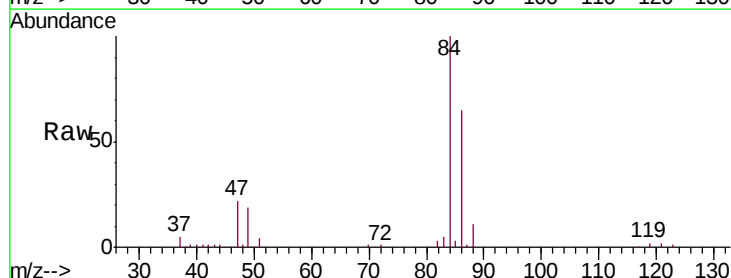
Acq: 15 Jul 2019 10:38

Tgt Ion: 83 Resp: 2323

Ion Ratio Lower Upper

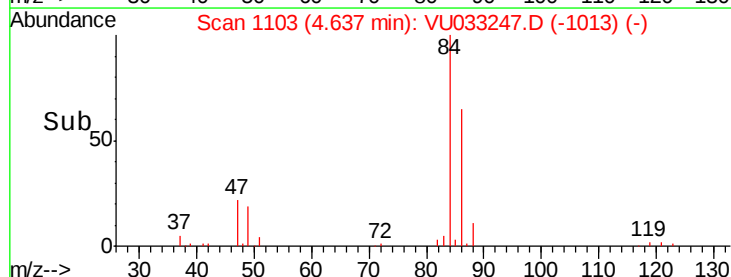
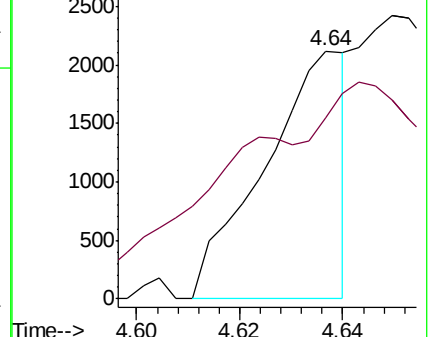
83 100

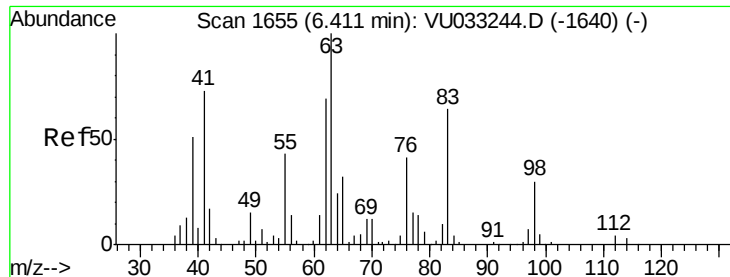
85 73.2 45.4 84.4



Abundance Ion 83.00 (82.70 to 83.70): VU033244.D (-1088) (-)

Ion 85.00 (84.70 to 85.70): VU033244.D (-1088) (-)





#37

1,2-Dichloropropane

Concen: 5.862 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.10 min

Lab File: VU033247.D

Acq: 15 Jul 2019 10:38

Instrument :

MSVOA_U

ClientSampleId :

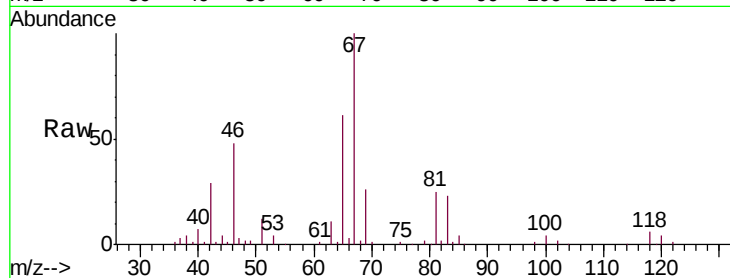
C0C94

Tgt Ion: 63 Resp: 12275

Ion Ratio Lower Upper

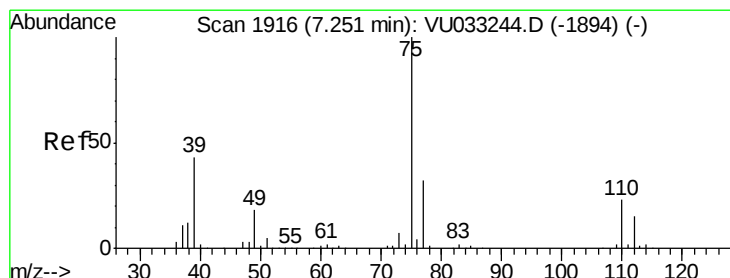
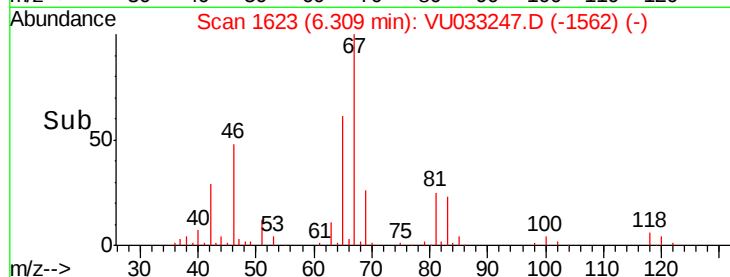
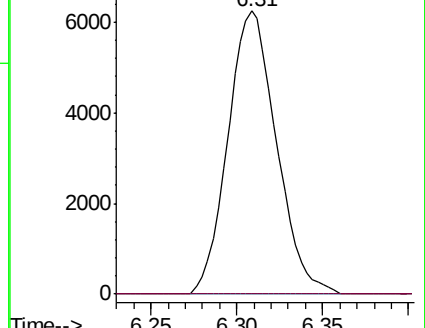
63 100

112 0.0 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VU033244.D (-1640) (-)

Ion 112.00 (111.70 to 112.70): VU033244.D (-1640) (-)



#39

cis-1,3-Dichloropropene

Concen: 1.028 ug/L

RT: 7.21 min Scan# 1903

Delta R.T. -0.04 min

Lab File: VU033247.D

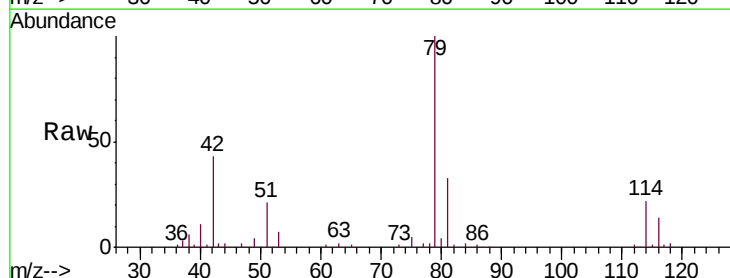
Acq: 15 Jul 2019 10:38

Tgt Ion: 75 Resp: 3300

Ion Ratio Lower Upper

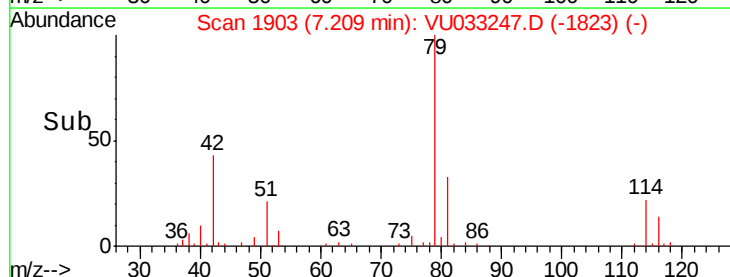
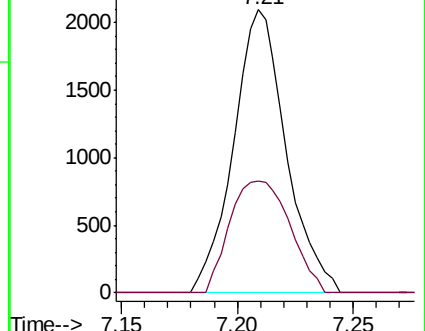
75 100

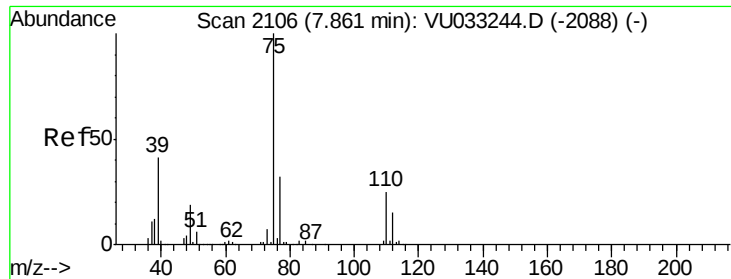
77 39.3 23.1 42.9



Abundance Ion 75.00 (74.70 to 75.70): VU033244.D (-1894) (-)

Ion 77.00 (76.70 to 77.70): VU033244.D (-1894) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.603 ug/L

RT: 7.83 min Scan# 2095

Delta R.T. -0.04 min

Lab File: VU033247.D

Acq: 15 Jul 2019 10:38

Instrument :

MSVOA_U

ClientSampleId :

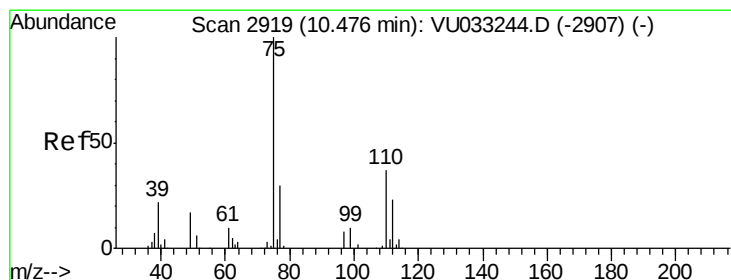
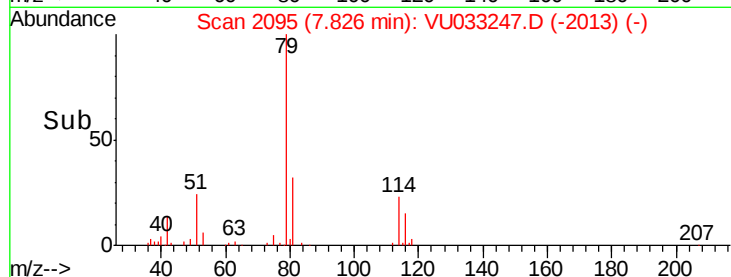
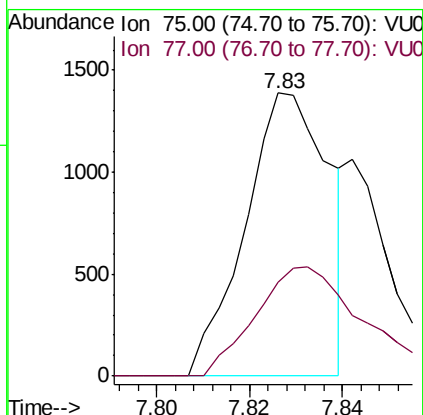
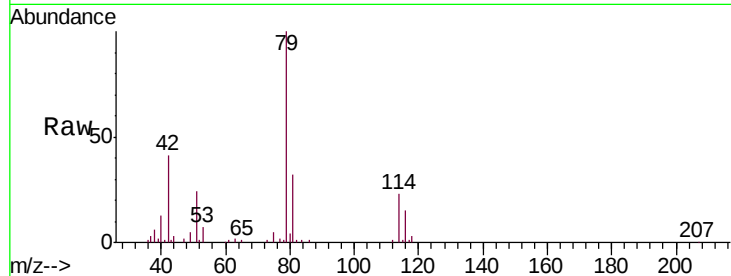
C0C94

Tgt Ion: 75 Resp: 1745

Ion Ratio Lower Upper

75 100

77 33.1 22.4 41.6



#59

1,2,3-Trichloropropane

Concen: 5.182 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033247.D

Acq: 15 Jul 2019 10:38

Tgt Ion: 75 Resp: 14127

Ion Ratio Lower Upper

75 100

77 38.7 26.0 39.0

