

Data File : VU033517.D
Acq On : 31 Jul 2019 11:53
Operator : JC/SP
Sample : K4103-04 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB9D8

Quant Time: Aug 01 07:24:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 01 07:20:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	307061	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	305202	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	138421	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	110153	49.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.68%
7) Chloroethane-d5	1.67	69	95795	50.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.02%
11) 1,1-Dichloroethene-d2	2.26	63	149669	36.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.88%
21) 2-Butanone-d5	4.15	46	159539	107.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.89%
24) Chloroform-d	4.62	84	192291	51.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.76%
26) 1,2-Dichloroethane-d4	5.29	65	125488	52.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.90%
32) Benzene-d6	5.32	84	394855	52.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.38%
36) 1,2-Dichloropropane-d6	6.31	67	126897	53.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.00%
41) Toluene-d8	7.55	98	352729	49.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.50%
43) trans-1,3-Dichloropropene-	7.83	79	58208	49.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.96%
47) 2-Hexanone-d5	8.30	63	117758	104.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.58%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	186234	50.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.84%
64) 1,2-Dichlorobenzene-d4	11.84	152	138992	54.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.66%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1655	0.798 ug/L #	19
12) 1,1-Dichloroethene	2.26	96	1254	0.631 ug/L #	1
34) Trichloroethene	6.17	95	1535	0.661 ug/L	88
37) 1,2-Dichloropropane	6.31	63	13479	5.719 ug/L #	88
44) trans-1,3-Dichloropropene	7.83	75	2430	0.731 ug/L	88
48) 2-Hexanone	8.29	43	12721	4.837 ug/L #	66
59) 1,2,3-Trichloropropane	11.47	75	16418	5.278 ug/L	93

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

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ALS Vial      : 7      Sample Multiplier: 1
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Instrument :
MSVOA_U
ClientSampleId :
DB9D8

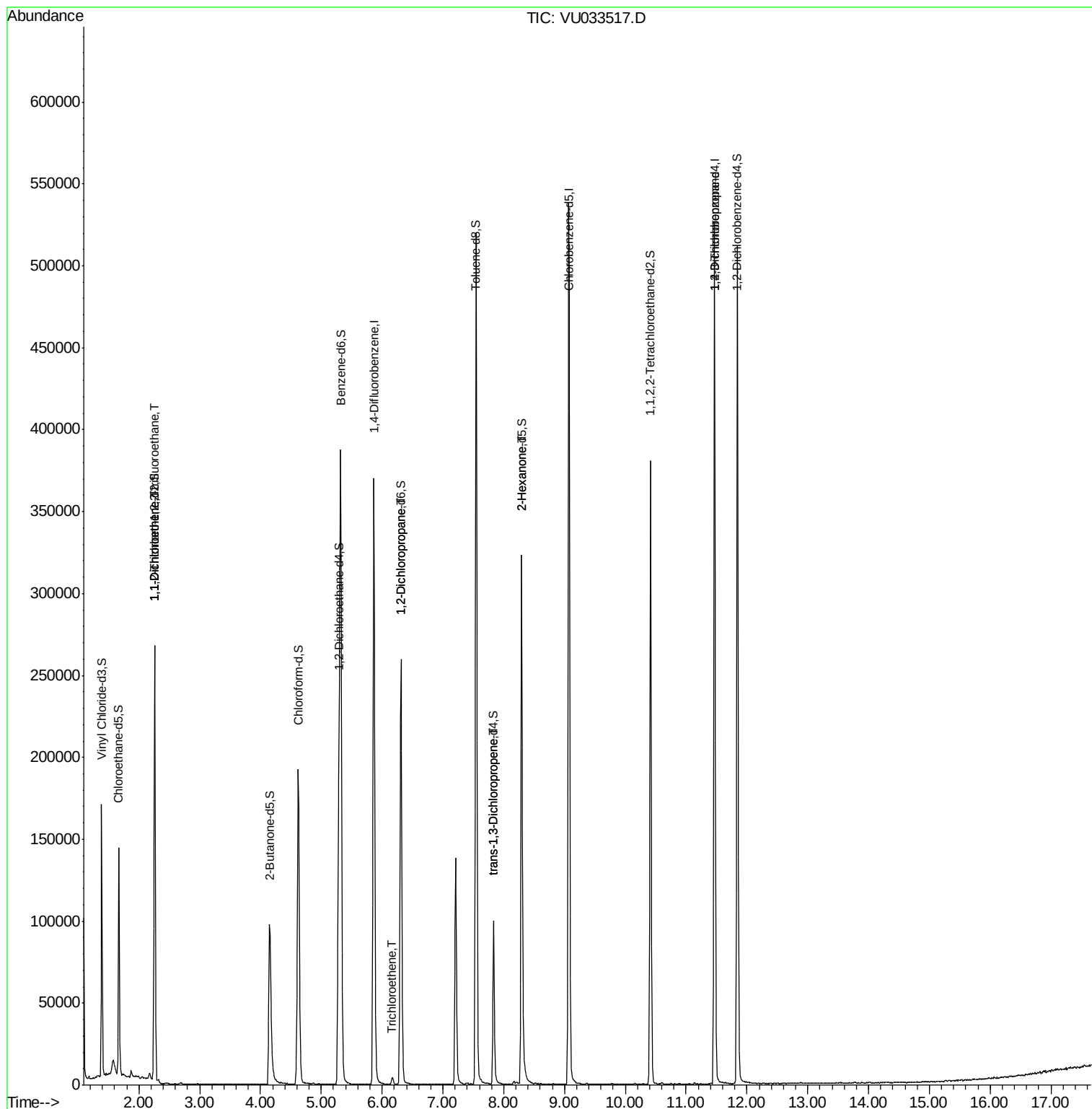
Quant Time: Aug 01 07:24:20 2019

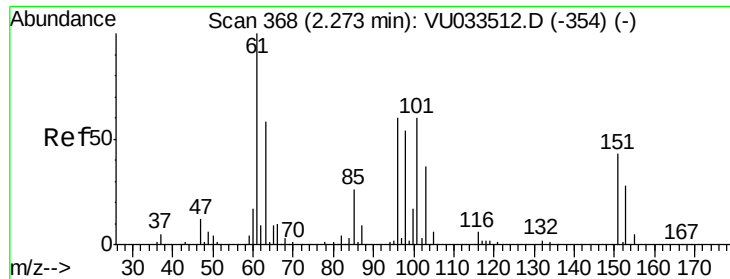
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_U\METHOD\SOMULM073119WMA.M

Quant Title : VOC Analysis

QLast Update : Thu Aug 01 07:20:33 2019

Response via : Initial Calibration





#10

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

Concen: 0.798 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.02 min

Lab File: VU033517.D

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Instrument :

MSVOA_U

ClientSampleId :

DB9D8

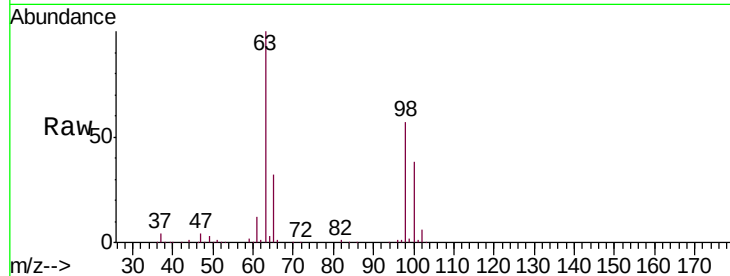
Tgt Ion:101 Resp: 1655

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

151 0.0 60.1 90.1#



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

2.26

1500

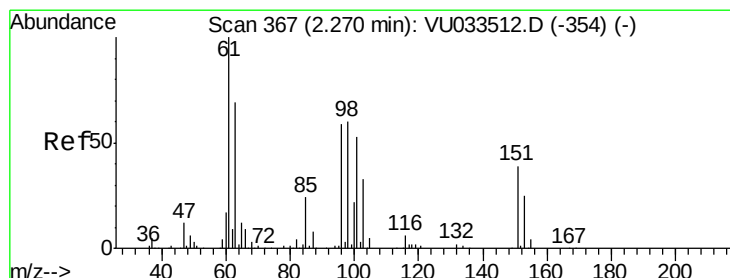
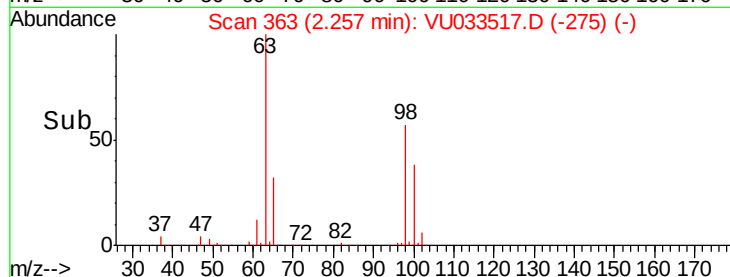
1000

500

0

2.22 2.24 2.26 2.28 2.30

Time-->



#12

1,1-Dichloroethene

Concen: 0.631 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU033517.D

Acq: 31 Jul 2019 11:53

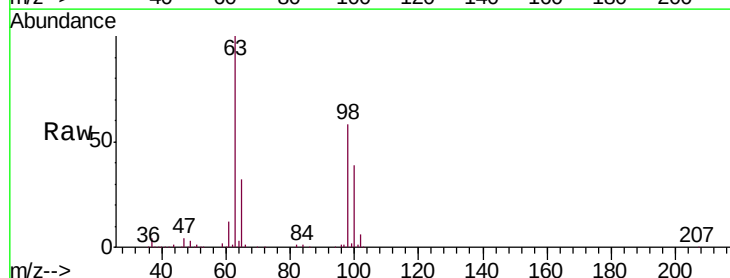
Tgt Ion: 96 Resp: 1254

Ion Ratio Lower Upper

96 100

61 1479.0 119.3 221.5#

63 12313.0 86.6 160.8#



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

120000

100000

80000

60000

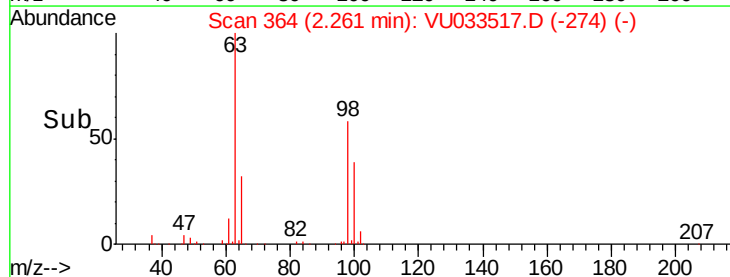
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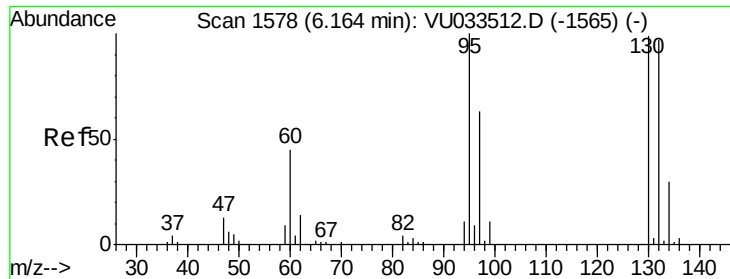
20000

0

2.25 2.26 2.27 2.28 2.29 2.30

Time-->





#34

Trichloroethene

Concen: 0.661 ug/L

RT: 6.17 min Scan# 1580

Delta R.T. 0.01 min

Lab File: VU033517.D

Acq: 31 Jul 2019 11:53

Instrument :

MSVOA_U

ClientSampleID :

DB9D8

Tgt Ion: 95 Resp: 1535

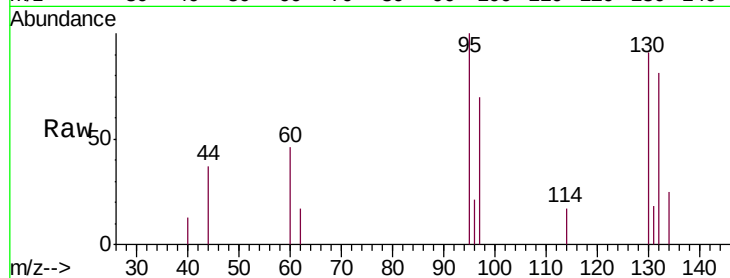
Ion Ratio Lower Upper

95 100

97 69.8 44.7 83.1

132 81.0 66.8 124.0

130 90.9 71.6 133.0

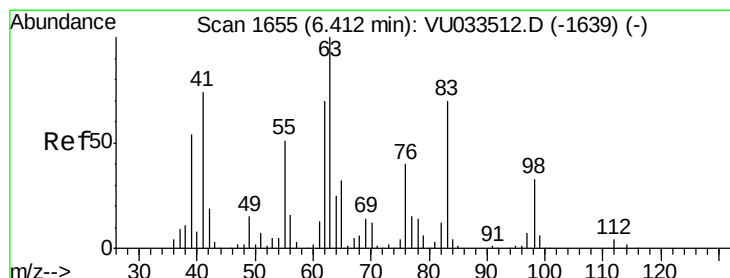
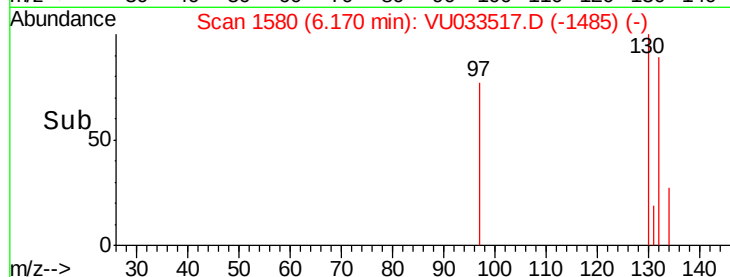
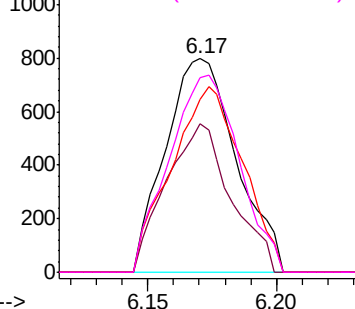


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#37

1,2-Dichloropropane

Concen: 5.719 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.10 min

Lab File: VU033517.D

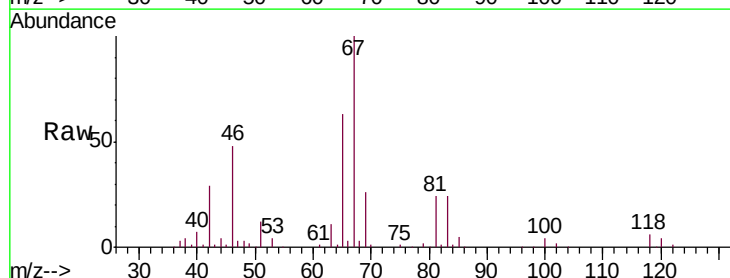
Acq: 31 Jul 2019 11:53

Tgt Ion: 63 Resp: 13479

Ion Ratio Lower Upper

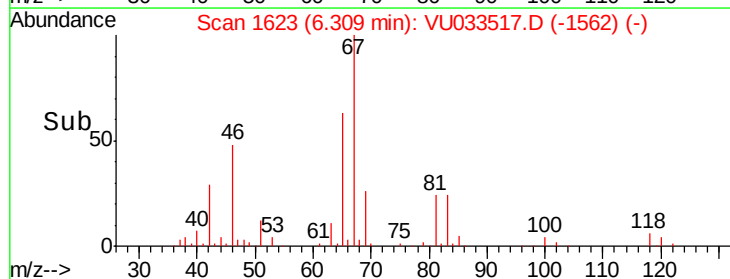
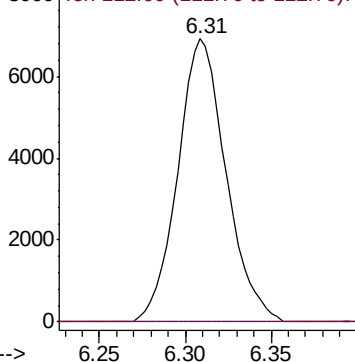
63 100

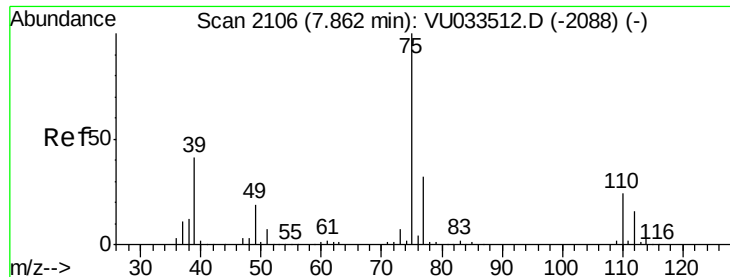
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

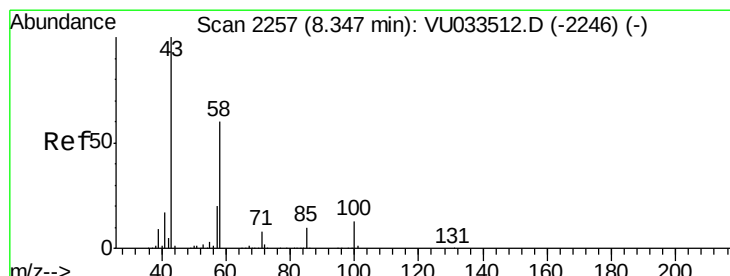
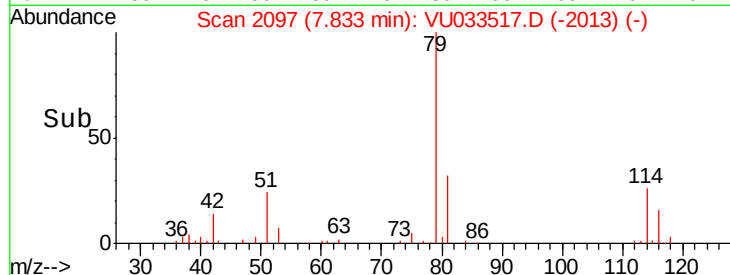
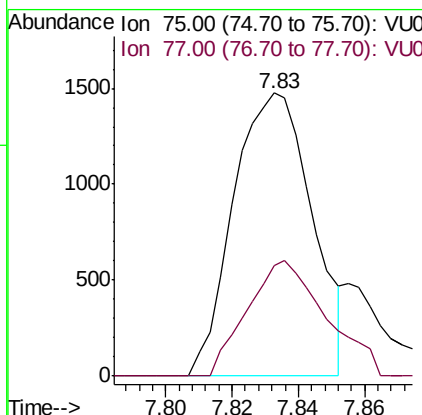
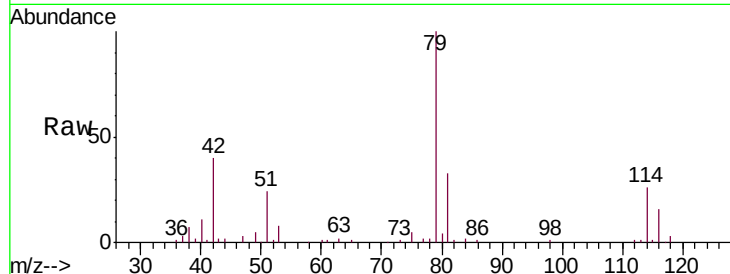




#44
trans-1,3-Dichloropropene
Concen: 0.731 ug/L
RT: 7.83 min Scan# 2097
Delta R.T. -0.03 min
Lab File: VU033517.D
Acq: 31 Jul 2019 11:53

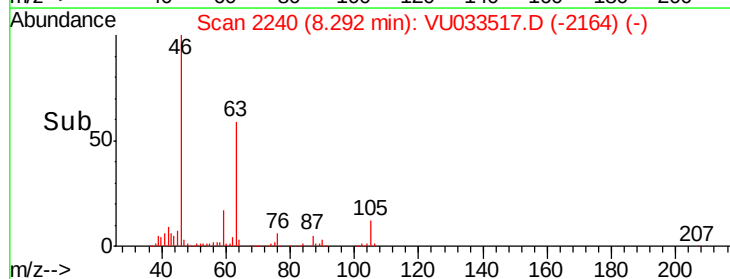
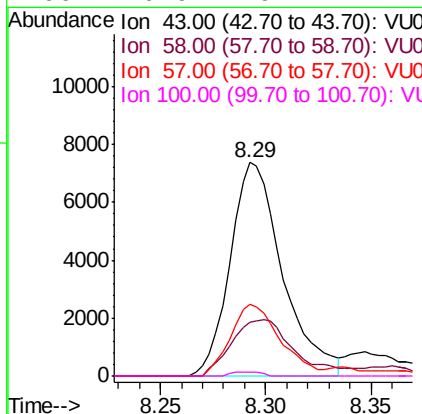
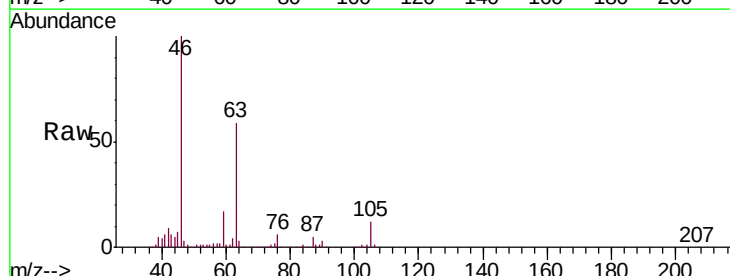
Instrument :
MSVOA_U
ClientSampleId :
DB9D8

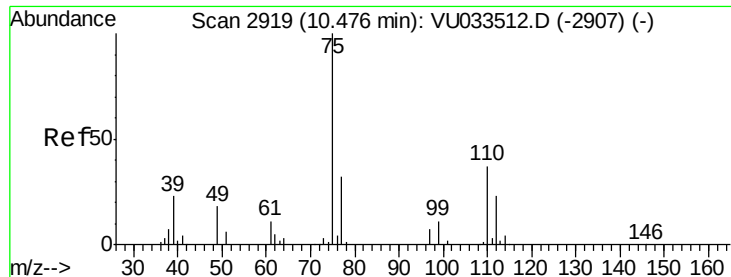
Tgt Ion: 75 Resp: 2430
Ion Ratio Lower Upper
75 100
77 39.1 22.7 42.1



#48
2-Hexanone
Concen: 4.837 ug/L
RT: 8.29 min Scan# 2240
Delta R.T. -0.05 min
Lab File: VU033517.D
Acq: 31 Jul 2019 11:53

Tgt Ion: 43 Resp: 12721
Ion Ratio Lower Upper
43 100
58 29.2 45.8 68.6#
57 32.0 15.8 23.6#
100 0.9 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 5.278 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033517.D

Acq: 31 Jul 2019 11:53

Instrument :

MSVOA_U

ClientSampleId :

DB9D8

Tgt Ion: 75 Resp: 16418

Ion Ratio Lower Upper

75 100

77 36.3 25.8 38.6

