

Data File : VU033526.D
Acq On : 31 Jul 2019 15:19
Operator : JC/SP
Sample : K4103-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB9E6

Quant Time: Aug 01 07:25:55 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	313328	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	307566	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	140463	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	112394	49.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.68%
7) Chloroethane-d5	1.67	69	97897	50.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.18%
11) 1,1-Dichloroethene-d2	2.26	63	154252	37.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.62%
21) 2-Butanone-d5	4.15	46	176701	117.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.11%
24) Chloroform-d	4.62	84	188945	49.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.96%
26) 1,2-Dichloroethane-d4	5.29	65	130597	54.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.00%
32) Benzene-d6	5.32	84	407399	53.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.86%
36) 1,2-Dichloropropane-d6	6.31	67	129459	54.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.32%
41) Toluene-d8	7.55	98	363893	50.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.86%
43) trans-1,3-Dichloropropene-	7.83	79	59618	50.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.56%
47) 2-Hexanone-d5	8.30	63	124511	109.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.72%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	192919	52.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.70%
64) 1,2-Dichlorobenzene-d4	11.85	152	144879	56.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.66%

Target Compounds

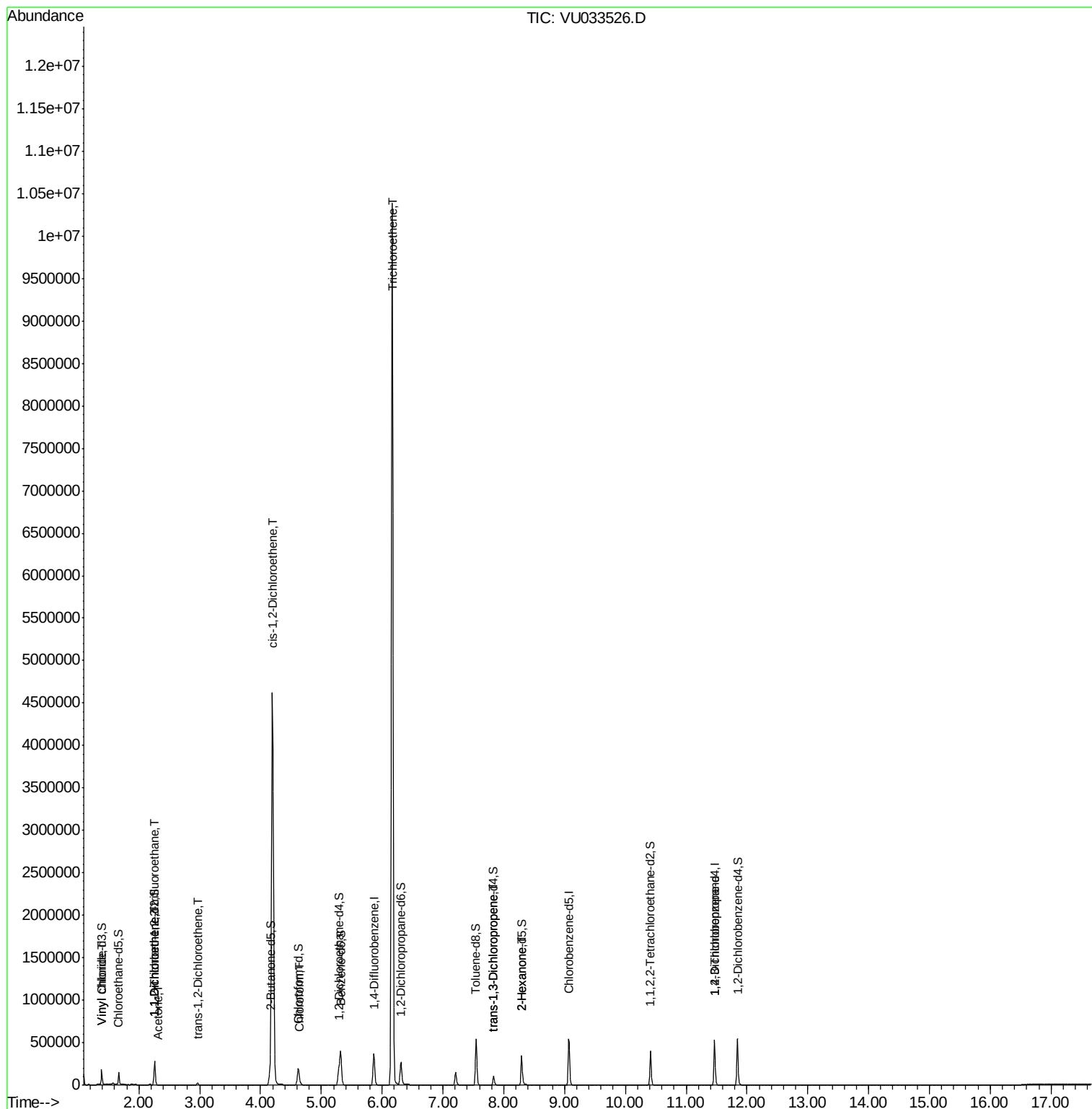
						Qvalue
5) Vinyl chloride	1.39	62	3613	1.132	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1247	0.589	ug/L #	19
12) 1,1-Dichloroethene	2.27	96	6406	3.157	ug/L #	1
13) Acetone	2.31	43	1662	1.077	ug/L	81
17) trans-1,2-Dichloroethene	2.97	96	8614	4.052	ug/L	95
20) cis-1,2-Dichloroethene	4.20	96	2543198	1065.839	ug/L	100
25) Chloroform	4.65	83	11023	2.625	ug/L	83
34) Trichloroethene	6.17	95	3488619	1490.538	ug/L	97
44) trans-1,3-Dichloropropene	7.83	75	2721	0.812	ug/L #	83
48) 2-Hexanone	8.30	43	14266	5.382	ug/L #	69
59) 1,2,3-Trichloropropane	11.47	75	16429	5.241	ug/L	96

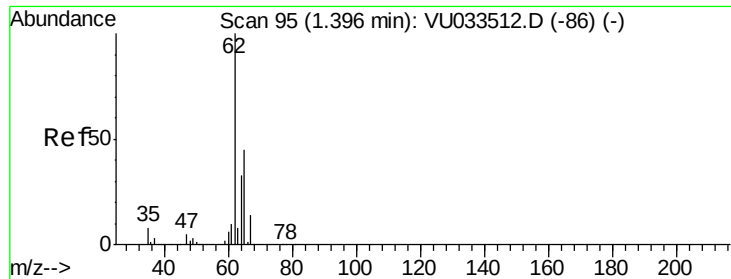
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.132 ug/L

RT: 1.39 min Scan# 94

Delta R.T. -0.00 min

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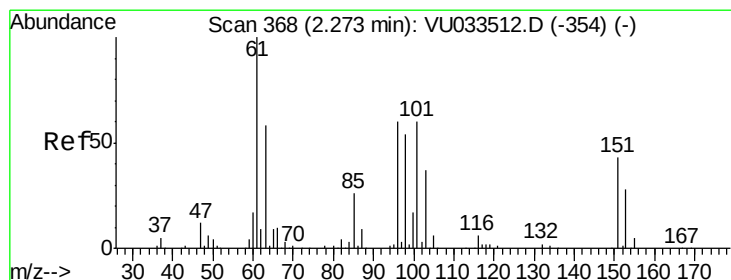
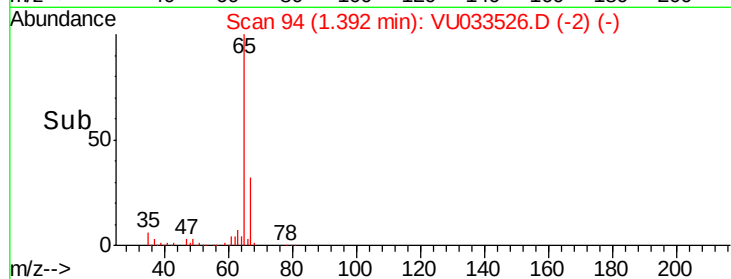
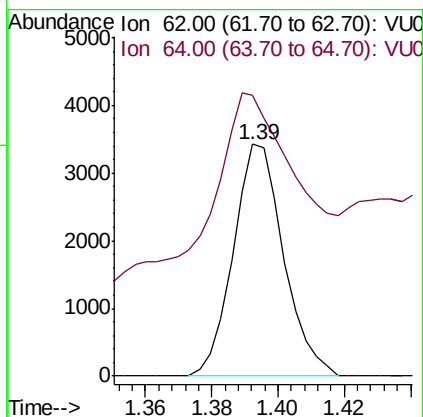
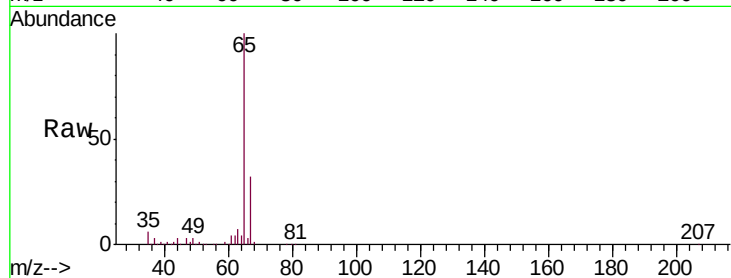
DB9E6

Tgt Ion: 62 Resp: 3613

Ion Ratio Lower Upper

62 100

64 120.9 23.4 43.4#



#10

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

Concen: 0.589 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU033526.D

Acq: 31 Jul 2019 15:19

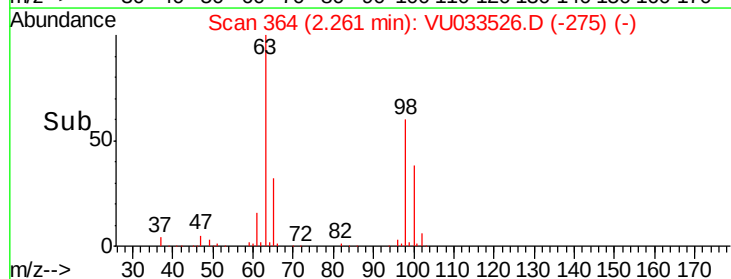
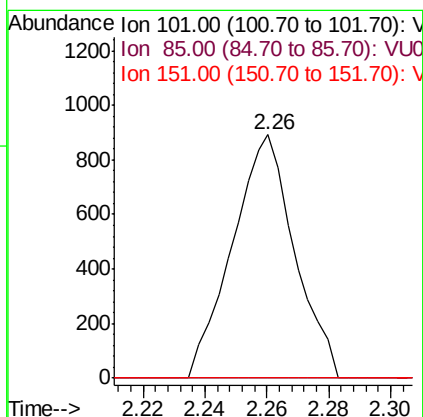
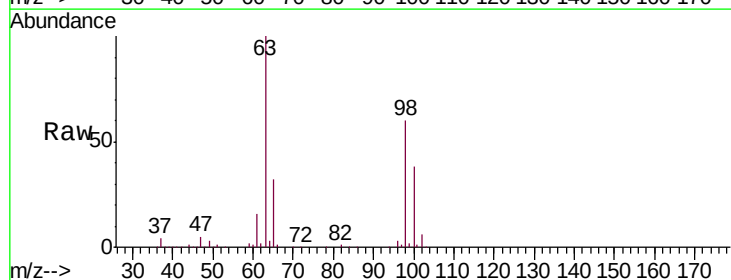
Tgt Ion: 101 Resp: 1247

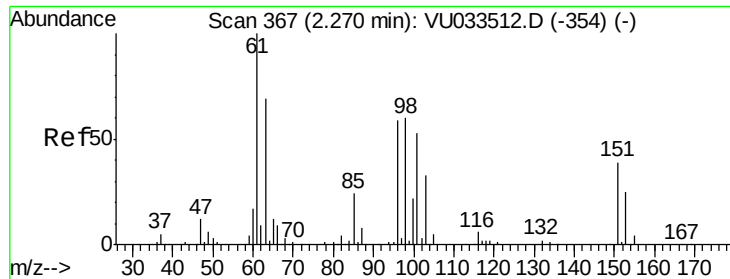
Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

151 0.0 60.1 90.1#





#12

1,1-Dichloroethene

Concen: 3.157 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.00 min

Lab File: VU033526.D

Acq: 31 Jul 2019 15:19

Instrument :

MSVOA_U

ClientSampleId :

DB9E6

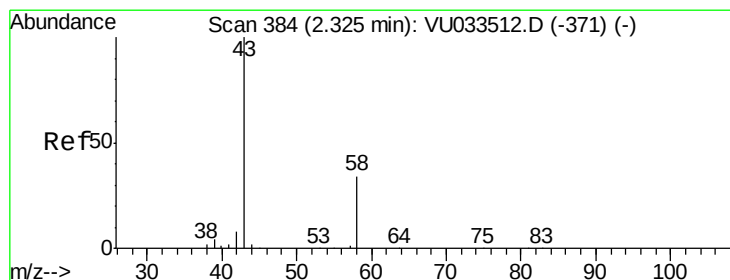
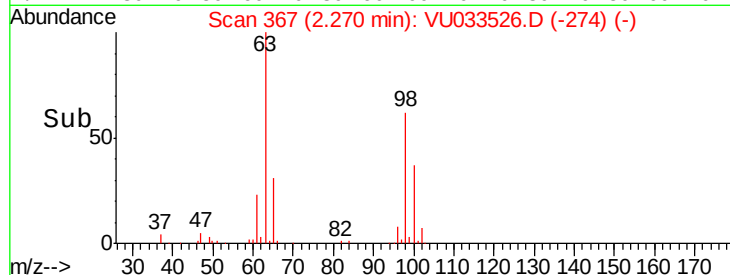
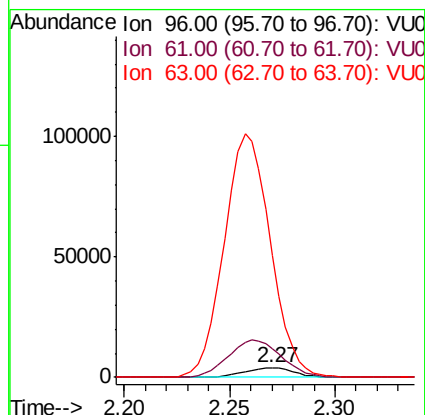
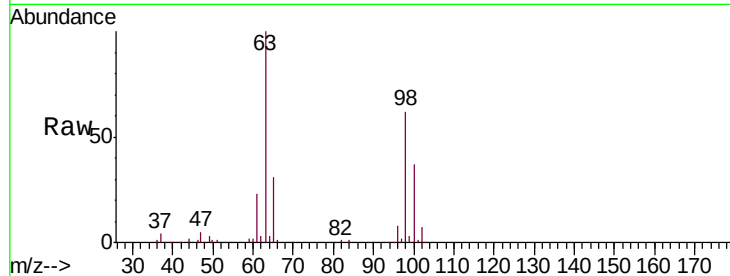
Tgt Ion: 96 Resp: 6406

Ion Ratio Lower Upper

96 100

61 299.3 119.3 221.5#

63 1290.6 86.6 160.8#



#13

Acetone

Concen: 1.077 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.02 min

Lab File: VU033526.D

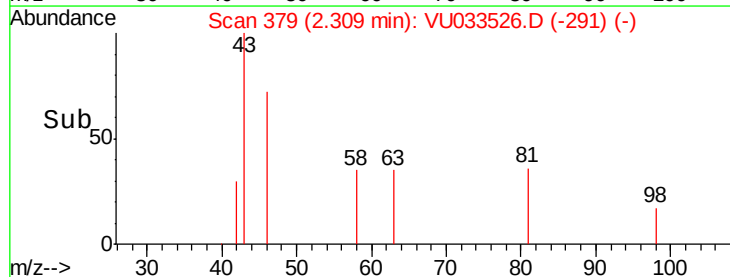
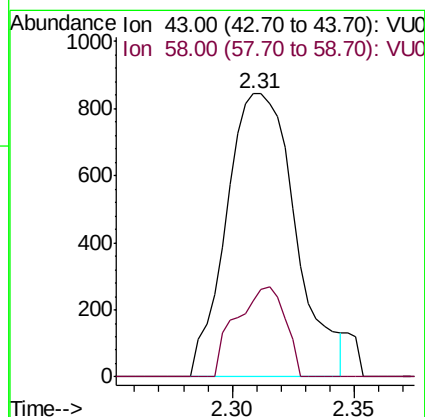
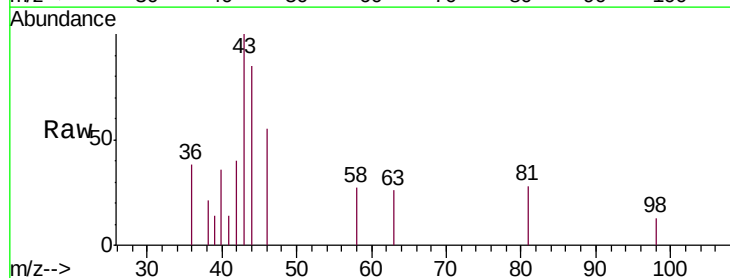
Acq: 31 Jul 2019 15:19

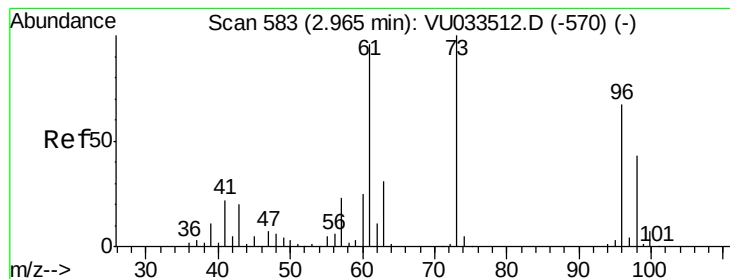
Tgt Ion: 43 Resp: 1662

Ion Ratio Lower Upper

43 100

58 22.5 0.0 66.2





#17

trans-1,2-Dichloroethene

Concen: 4.052 ug/L

RT: 2.97 min Scan# 584

Delta R.T. 0.00 min

Lab File: VU033526.D

Acq: 31 Jul 2019 15:19

Instrument :

MSVOA_U

ClientSampleId :

DB9E6

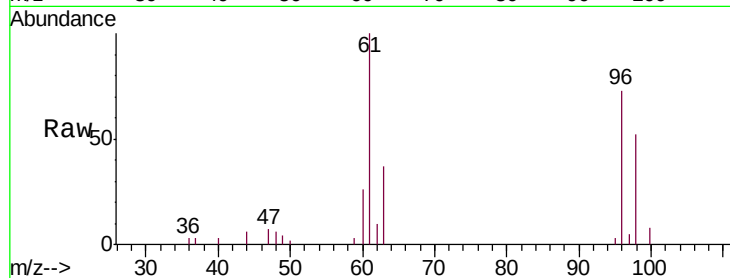
Tgt Ion: 96 Resp: 8614

Ion Ratio Lower Upper

96 100

61 137.8 98.3 182.5

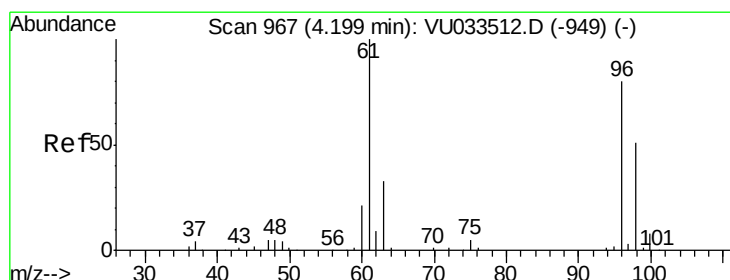
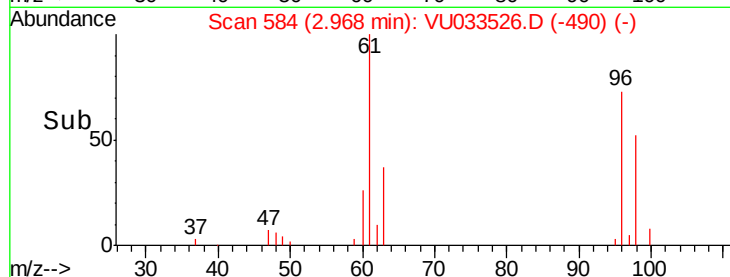
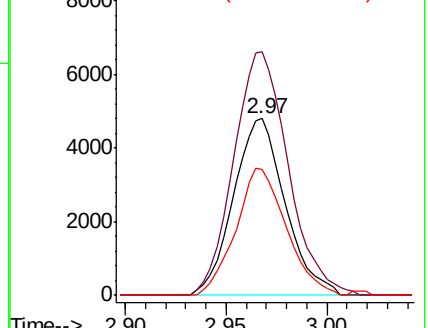
98 71.3 44.3 82.3



Abundance Ion 96.00 (95.70 to 96.70): VU033512.D (-570) (-)

Ion 61.00 (60.70 to 61.70): VU033512.D (-570) (-)

Ion 98.00 (97.70 to 98.70): VU033512.D (-570) (-)



#20

cis-1,2-Dichloroethene

Concen: 1065.839 ug/L

RT: 4.20 min Scan# 966

Delta R.T. -0.00 min

Lab File: VU033526.D

Acq: 31 Jul 2019 15:19

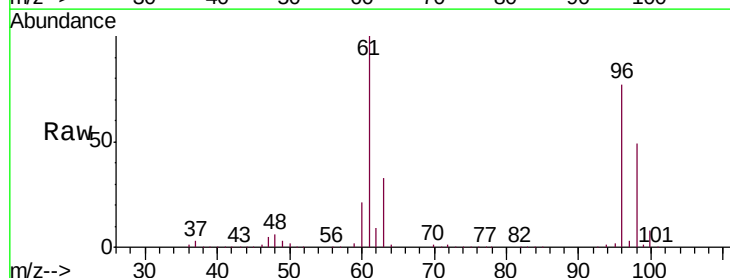
Tgt Ion: 96 Resp: 2543198

Ion Ratio Lower Upper

96 100

61 130.4 91.3 169.6

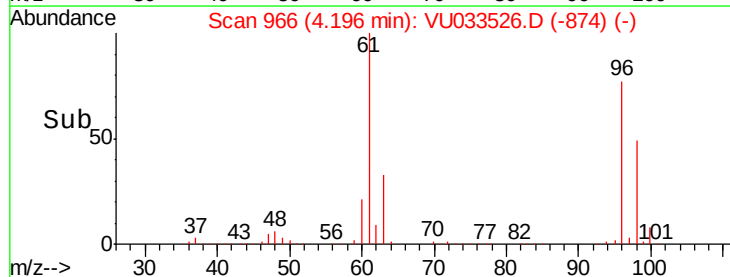
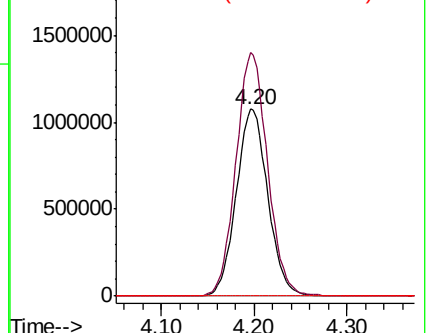
68 0.0 0.0 0.0

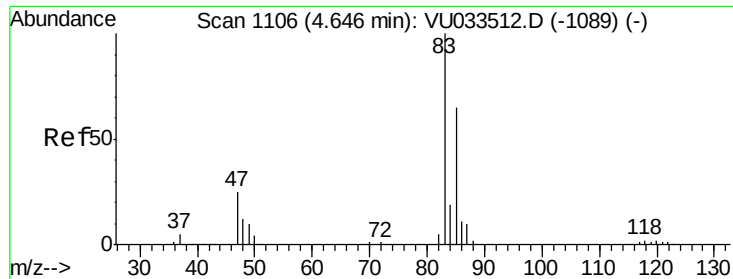


Abundance Ion 96.00 (95.70 to 96.70): VU033512.D (-949) (-)

Ion 61.00 (60.70 to 61.70): VU033512.D (-949) (-)

Ion 68.00 (67.70 to 68.70): VU033512.D (-949) (-)

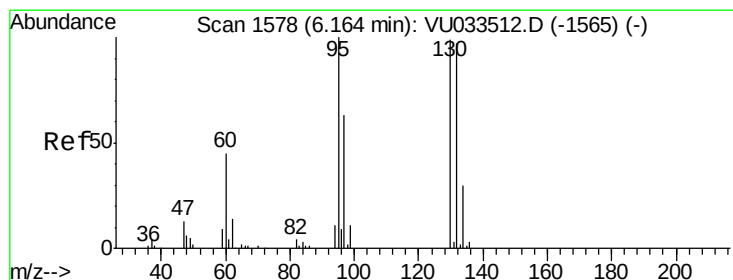
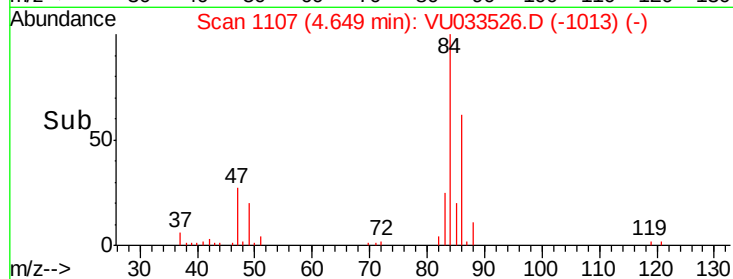
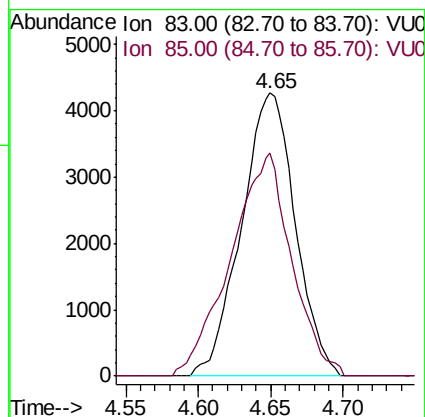
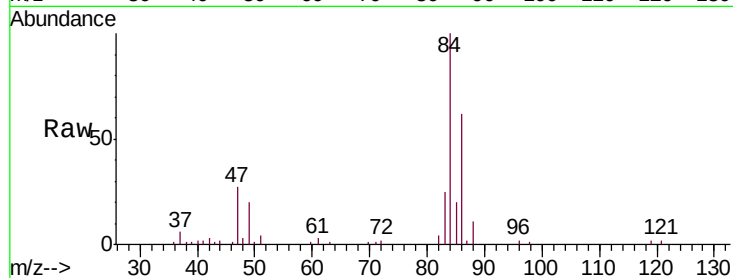




#25
Chloroform
Concen: 2.625 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU033526.D
Acq: 31 Jul 2019 15:19

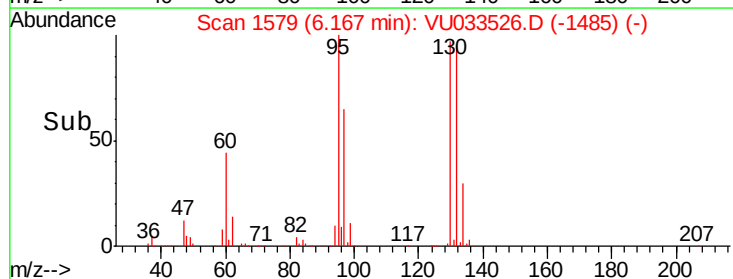
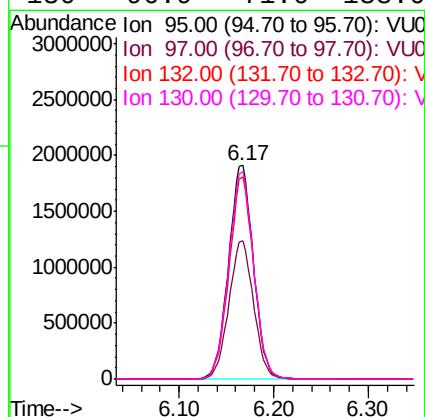
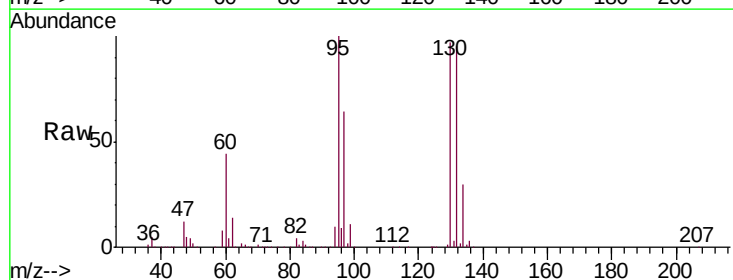
Instrument :
MSVOA_U
ClientSampleId :
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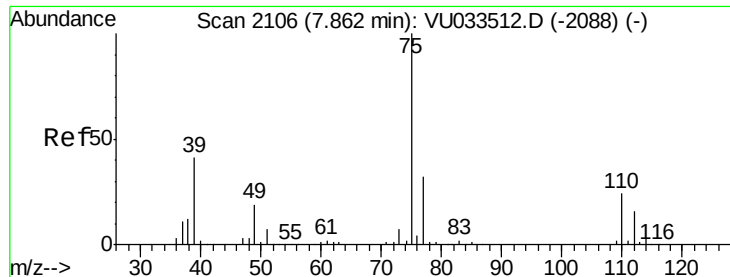
Tgt Ion: 83 Resp: 11023
Ion Ratio Lower Upper
83 100
85 78.8 45.6 84.8



#34
Trichloroethene
Concen: 1490.538 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VU033526.D
Acq: 31 Jul 2019 15:19

Tgt Ion: 95 Resp: 3488619
Ion Ratio Lower Upper
95 100
97 64.5 44.7 83.1
132 94.6 66.8 124.0
130 96.9 71.6 133.0





#44

trans-1,3-Dichloropropene

Concen: 0.812 ug/L

RT: 7.83 min Scan# 2096

Delta R.T. -0.03 min

Lab File: VU033526.D

Acq: 31 Jul 2019 15:19

Instrument :

MSVOA_U

ClientSampleId :

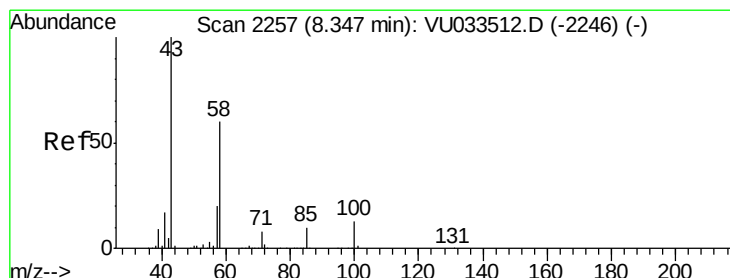
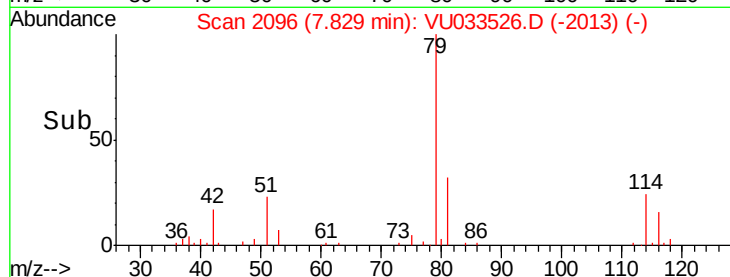
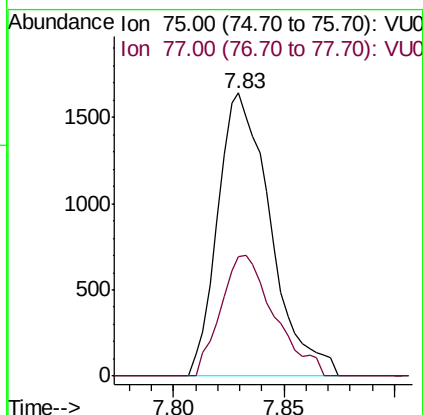
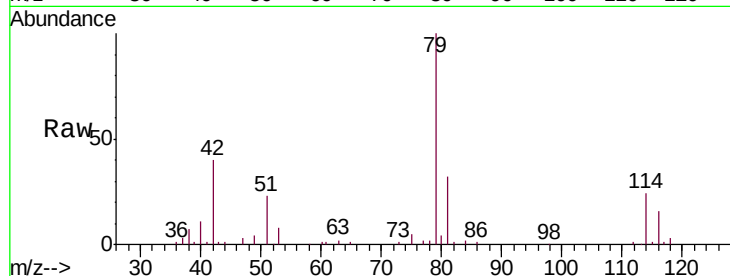
DB9E6

Tgt Ion: 75 Resp: 2721

Ion Ratio Lower Upper

75 100

77 42.1 22.7 42.1#



#48

2-Hexanone

Concen: 5.382 ug/L

RT: 8.30 min Scan# 2241

Delta R.T. -0.05 min

Lab File: VU033526.D

Acq: 31 Jul 2019 15:19

Tgt Ion: 43 Resp: 14266

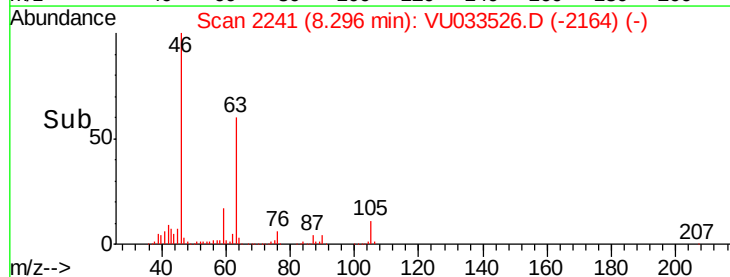
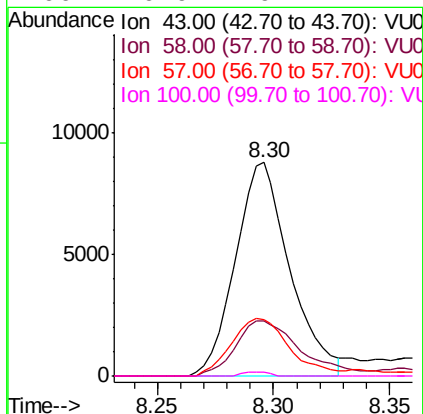
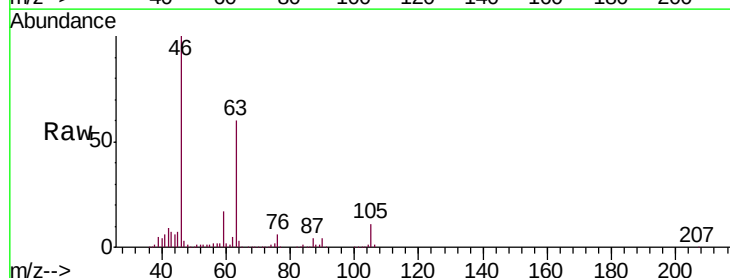
Ion Ratio Lower Upper

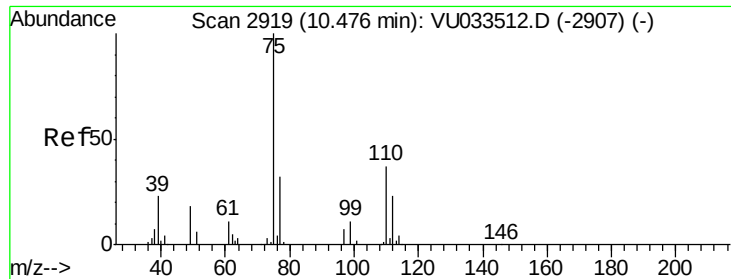
43 100

58 30.9 45.8 68.6#

57 28.8 15.8 23.6#

100 0.9 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 5.241 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU033526.D

Acq: 31 Jul 2019 15:19

Instrument :

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ClientSampleId :

DB9E6

Tgt Ion: 75 Resp: 16429

Ion Ratio Lower Upper

75 100

77 34.7 25.8 38.6

