

Data File : VU033527.D
Acq On : 31 Jul 2019 15:42
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Quant Time: Aug 01 07:26:06 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	311167	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	308115	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	138770	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	109996	48.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.24%
7) Chloroethane-d5	1.67	69	98539	50.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.52%
11) 1,1-Dichloroethene-d2	2.26	63	148385	36.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.28%
21) 2-Butanone-d5	4.15	46	167269	111.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.63%
24) Chloroform-d	4.62	84	186936	49.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.58%
26) 1,2-Dichloroethane-d4	5.29	65	129289	53.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.68%
32) Benzene-d6	5.32	84	397793	52.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.16%
36) 1,2-Dichloropropane-d6	6.31	67	128848	53.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.62%
41) Toluene-d8	7.55	98	354224	49.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.98%
43) trans-1,3-Dichloropropene-	7.83	79	59672	50.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.48%
47) 2-Hexanone-d5	8.30	63	119721	105.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.31%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	189788	51.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.82%
64) 1,2-Dichlorobenzene-d4	11.85	152	141029	55.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.00%

Target Compounds

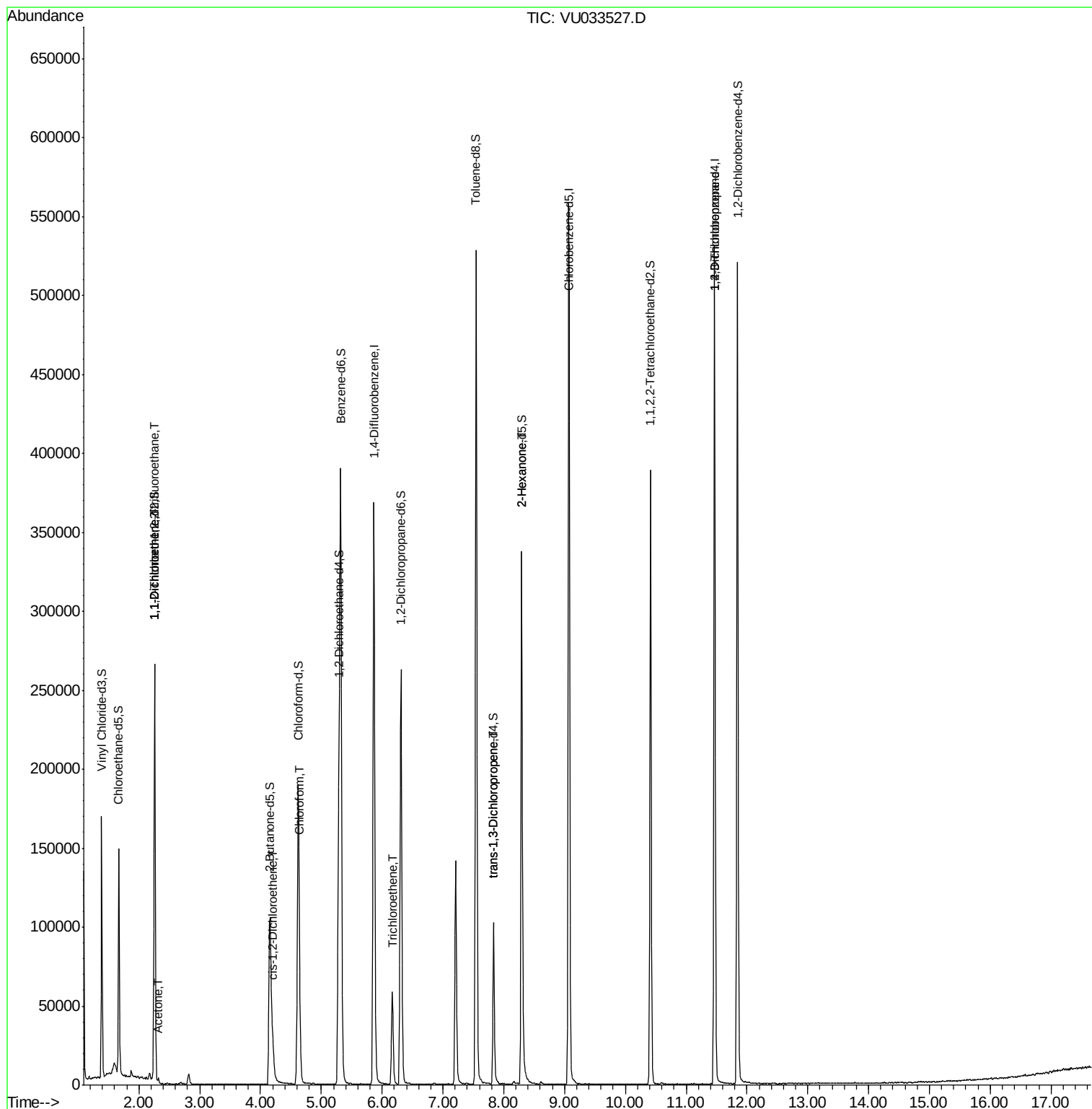
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1566	0.745 ug/L #	19
12) 1,1-Dichloroethene	2.26	96	1287	0.639 ug/L #	1
13) Acetone	2.31	43	1006	0.656 ug/L	68
20) cis-1,2-Dichloroethene	4.20	96	9273	3.913 ug/L	96
25) Chloroform	4.65	83	12920	3.098 ug/L	94
34) Trichloroethene	6.17	95	20667	8.814 ug/L	97
44) trans-1,3-Dichloropropene	7.83	75	2664	0.794 ug/L	93
48) 2-Hexanone	8.30	43	13735	5.173 ug/L #	65
59) 1,2,3-Trichloropropane	11.47	75	16761	5.337 ug/L	92

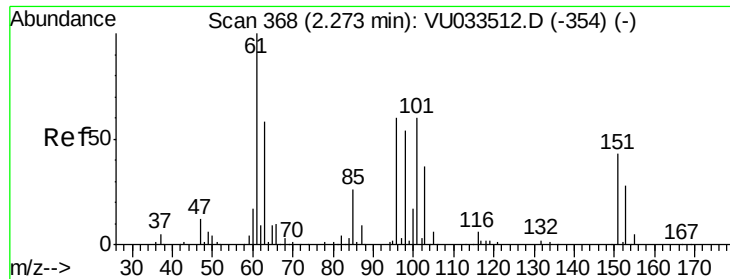
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.745 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.02 min

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Acq: 31 Jul 2019 15:42

Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

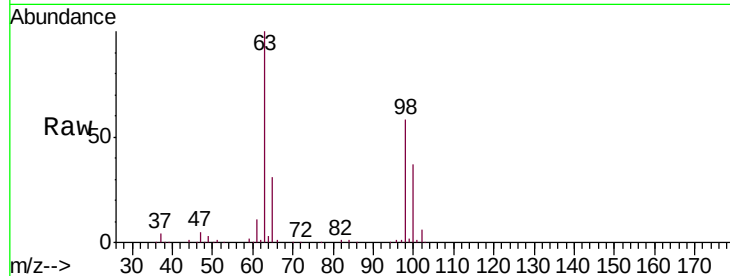
Tgt Ion:101 Resp: 1566

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

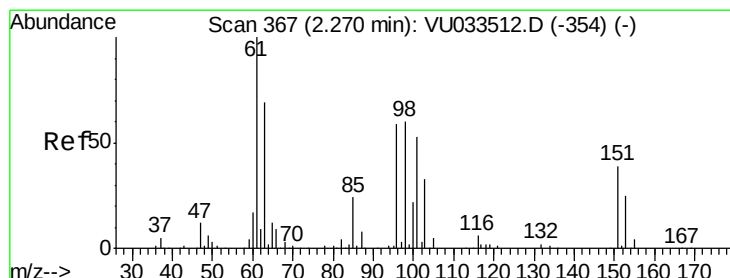
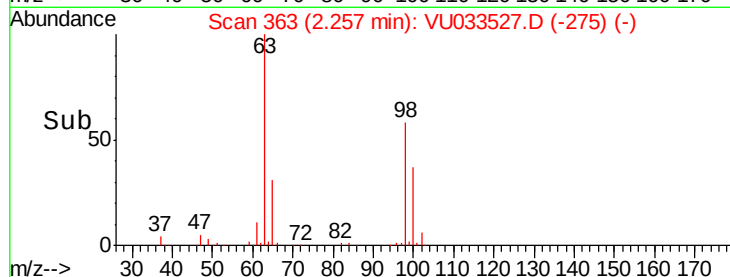
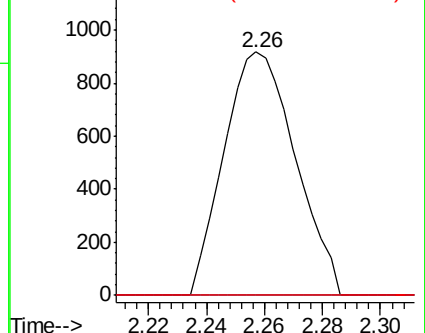
151 0.0 60.1 90.1#



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



#12

1,1-Dichloroethene

Concen: 0.639 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU033527.D

Acq: 31 Jul 2019 15:42

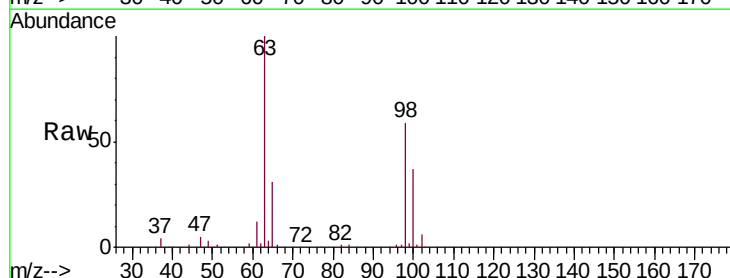
Tgt Ion: 96 Resp: 1287

Ion Ratio Lower Upper

96 100

61 1553.8 119.3 221.5#

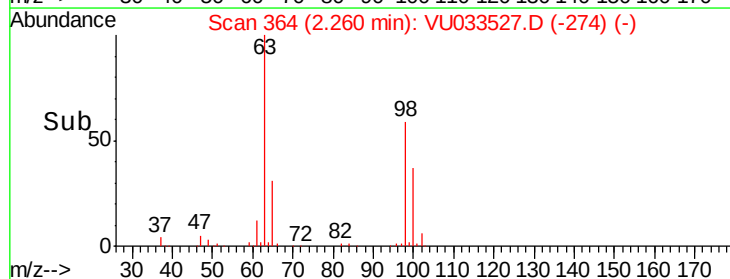
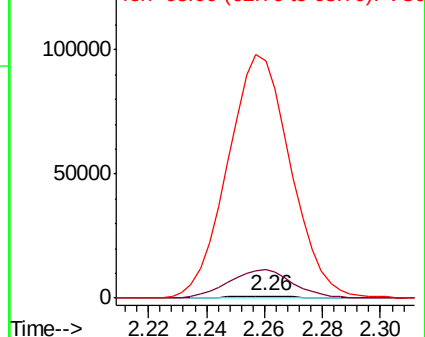
63 13134.7 86.6 160.8#

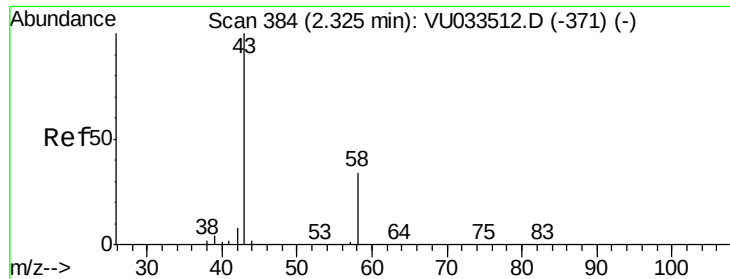


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.656 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.01 min

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ClientSampleId :

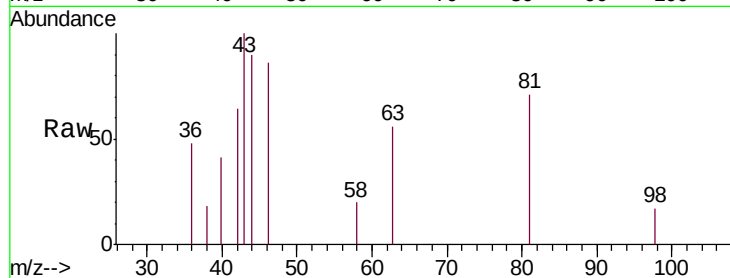
VIBLK40

Tgt Ion: 43 Resp: 1006

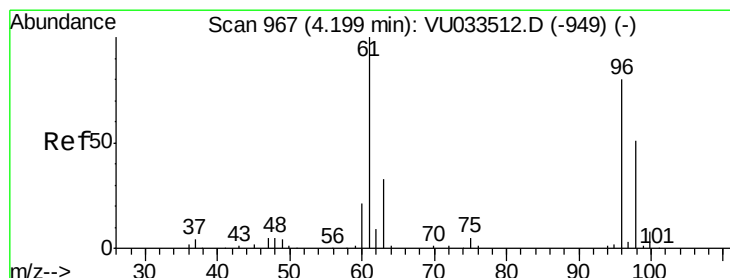
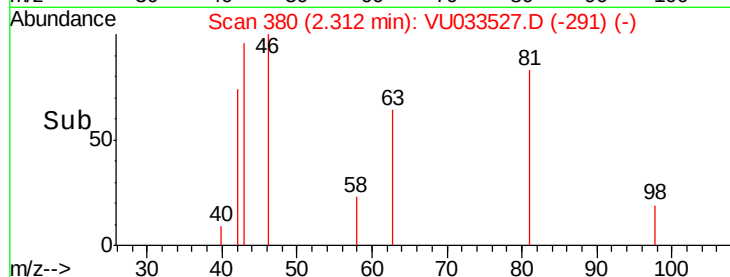
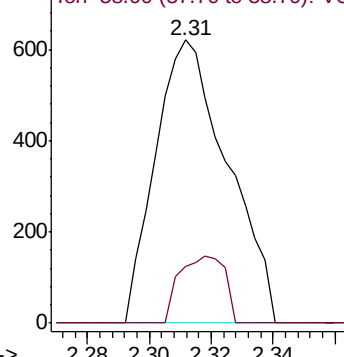
Ion Ratio Lower Upper

43 100

58 14.7 0.0 66.2



Abundance Ion 43.00 (42.70 to 43.70): VU033512.D (-371) (-)



#20

cis-1,2-Dichloroethene

Concen: 3.913 ug/L

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

Lab File: VU033527.D

Acq: 31 Jul 2019 15:42

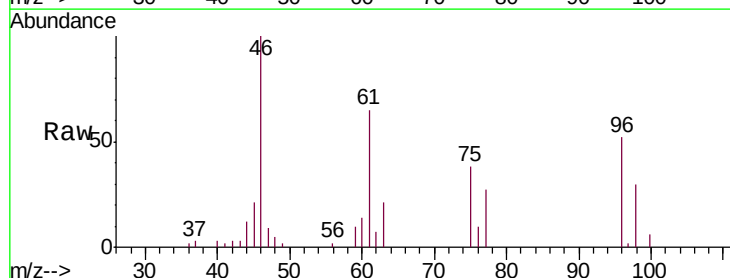
Tgt Ion: 96 Resp: 9273

Ion Ratio Lower Upper

96 100

61 125.9 91.3 169.6

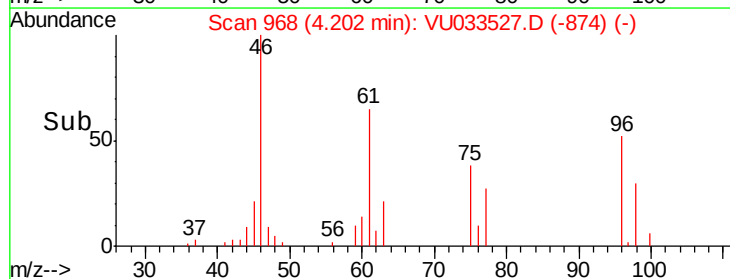
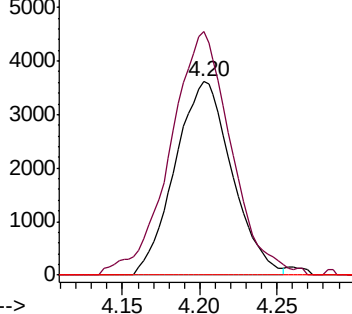
68 0.0 0.0 0.0

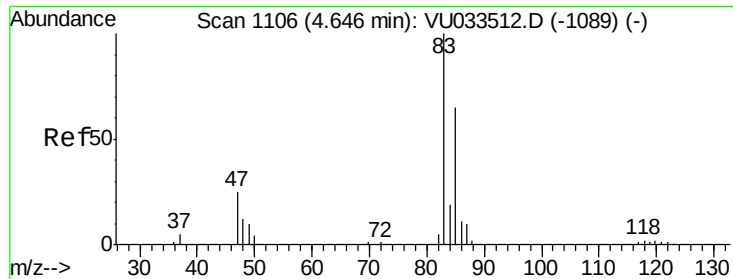


Abundance Ion 96.00 (95.70 to 96.70): VU033512.D (-949) (-)

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

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

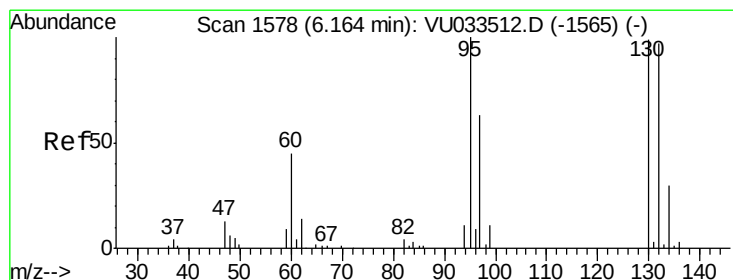
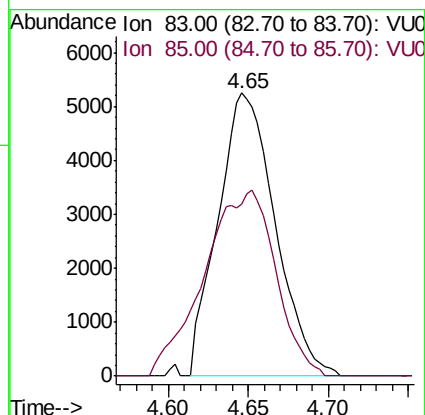
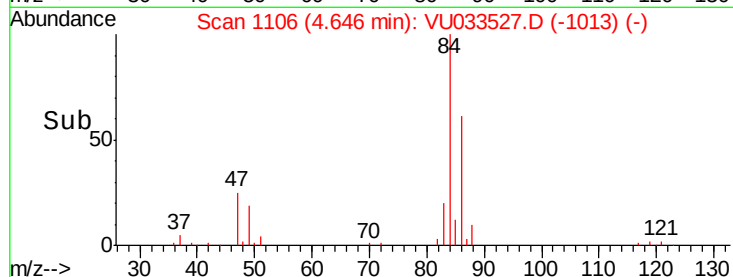
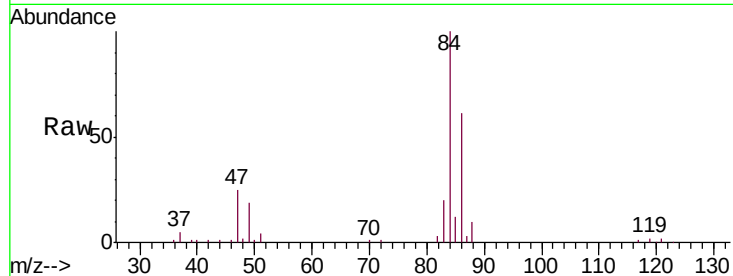




#25
Chloroform
Concen: 3.098 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU033527.D
Acq: 31 Jul 2019 15:42

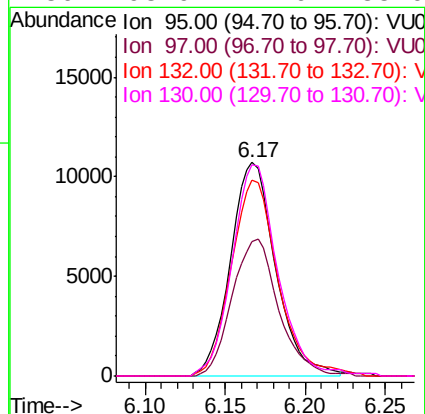
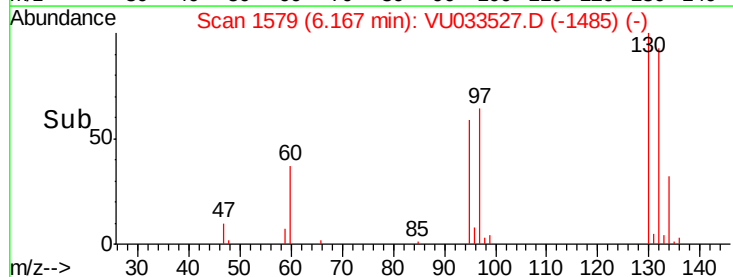
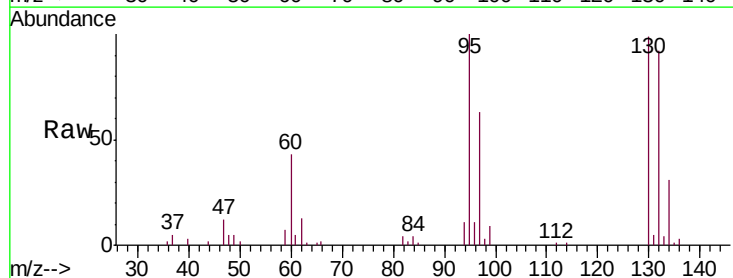
Instrument :
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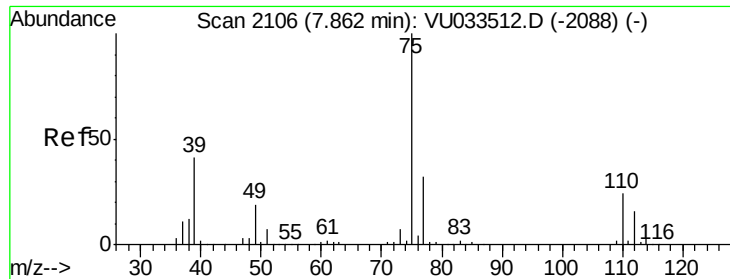
Tgt Ion: 83 Resp: 12920
Ion Ratio Lower Upper
83 100
85 60.8 45.6 84.8



#34
Trichloroethene
Concen: 8.814 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VU033527.D
Acq: 31 Jul 2019 15:42

Tgt Ion: 95 Resp: 20667
Ion Ratio Lower Upper
95 100
97 62.8 44.7 83.1
132 91.7 66.8 124.0
130 98.9 71.6 133.0





#44

trans-1,3-Dichloropropene

Concen: 0.794 ug/L

RT: 7.83 min Scan# 2096

Delta R.T. -0.03 min

Lab File: VU033527.D

Acq: 31 Jul 2019 15:42

Instrument :

MSVOA_U

ClientSampleId :

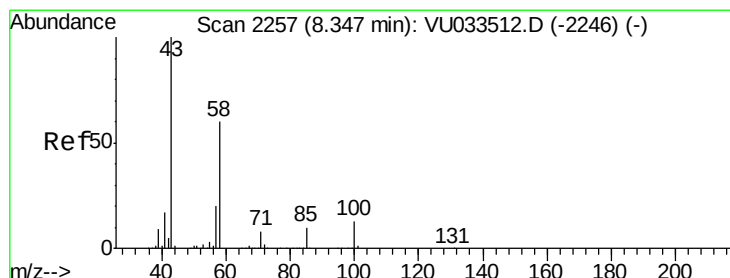
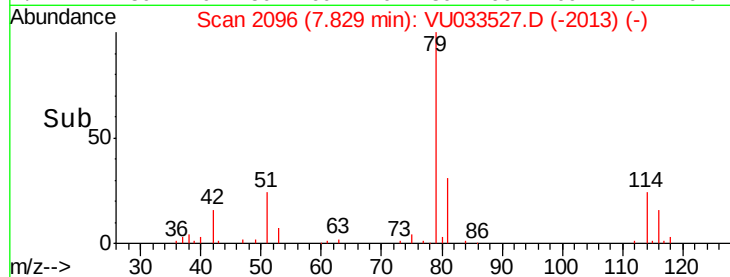
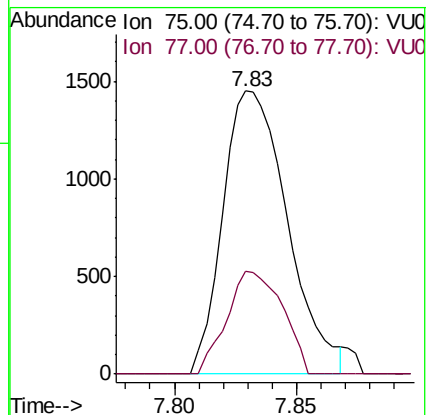
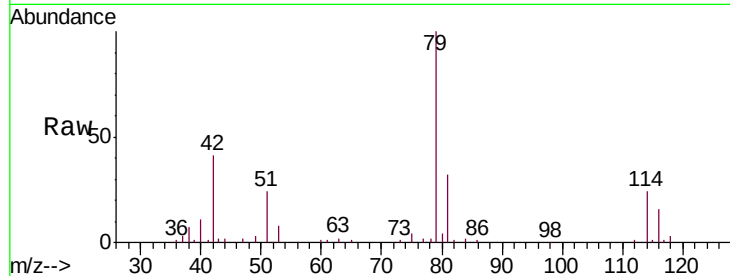
VIBLK40

Tgt Ion: 75 Resp: 2664

Ion Ratio Lower Upper

75 100

77 36.3 22.7 42.1



#48

2-Hexanone

Concen: 5.173 ug/L

RT: 8.30 min Scan# 2241

Delta R.T. -0.05 min

Lab File: VU033527.D

Acq: 31 Jul 2019 15:42

Tgt Ion: 43 Resp: 13735

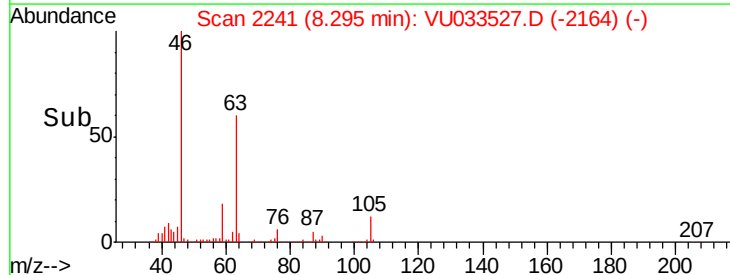
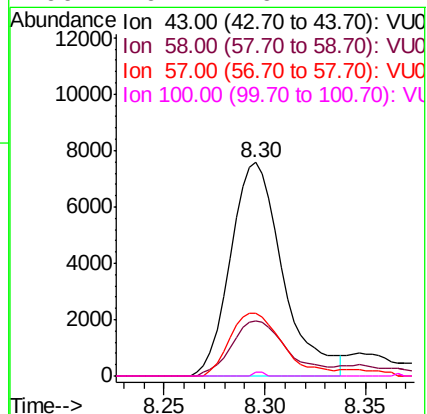
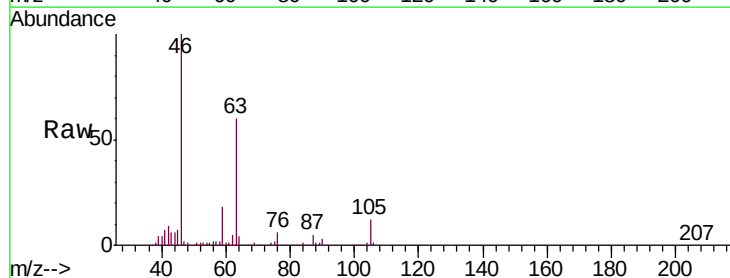
Ion Ratio Lower Upper

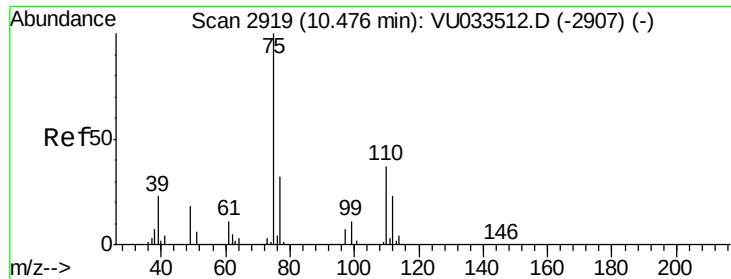
43 100

58 27.1 45.8 68.6#

57 29.7 15.8 23.6#

100 0.4 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 5.337 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033527.D

Acq: 31 Jul 2019 15:42

Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

Tgt Ion: 75 Resp: 16761

Ion Ratio Lower Upper

75 100

77 36.6 25.8 38.6

