

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041719\
 Data File : VU031226.D
 Acq On : 16 Apr 2019 21:32
 Operator : JC/SP
 Sample : K2409-04DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC27DL

Quant Time: Apr 17 04:17:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 17 04:13:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	502099	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	494013	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	193650	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	175365	37.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.86%
7) Chloroethane-d5	1.68	69	167376	41.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.38%
11) 1,1-Dichloroethene-d2	2.27	63	300909	32.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.70%
21) 2-Butanone-d5	4.19	46	301323	89.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.47%
24) Chloroform-d	4.64	84	330090	42.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.56%
26) 1,2-Dichloroethane-d4	5.31	65	229146	48.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.46%
32) Benzene-d6	5.34	84	688457	44.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.16%
36) 1,2-Dichloropropane-d6	6.33	67	220229	43.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.90%
41) Toluene-d8	7.56	98	570815	41.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.08%
43) trans-1,3-Dichloropropene-	7.85	79	95283	39.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.66%
47) 2-Hexanone-d5	8.31	63	210517	87.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.98%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	299689	42.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	200583	45.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.32%

Target Compounds

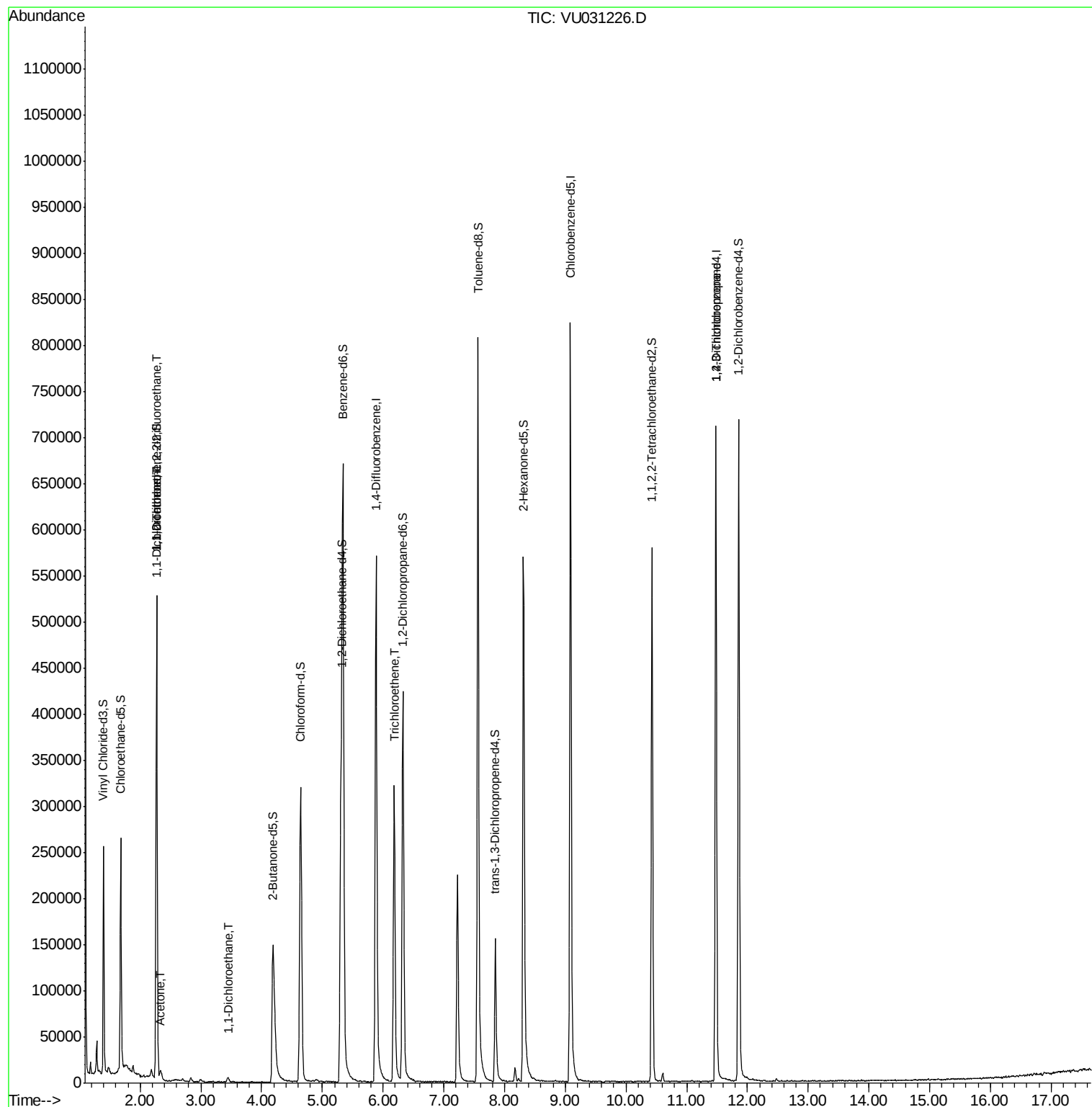
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2841	0.710 ug/L #	20
12) 1,1-Dichloroethene	2.28	96	11739	2.991 ug/L #	1
13) Acetone	2.33	43	11731	4.526 ug/L	50
19) 1,1-Dichloroethane	3.44	63	6090	0.857 ug/L #	86
34) Trichloroethene	6.18	95	119167	28.664 ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	22206	4.243 ug/L	90

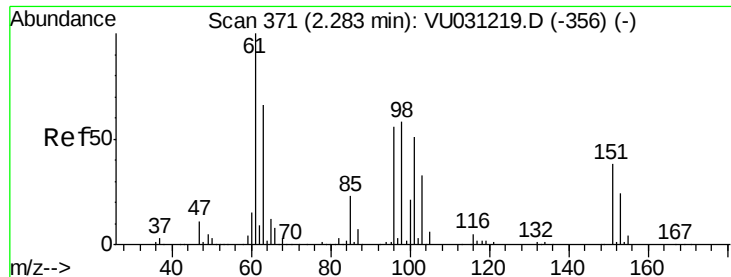
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Apr 17 04:13:40 2019
Response via : Initial Calibration





#10

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

Concen: 0.710 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031226.D

Acq: 16 Apr 2019 21:32

Instrument :

MSVOA_U

ClientSampleId :

BFC27DL

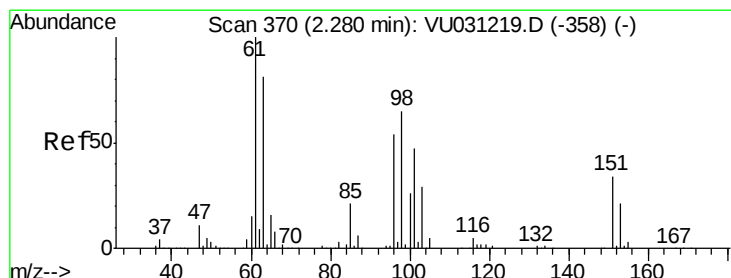
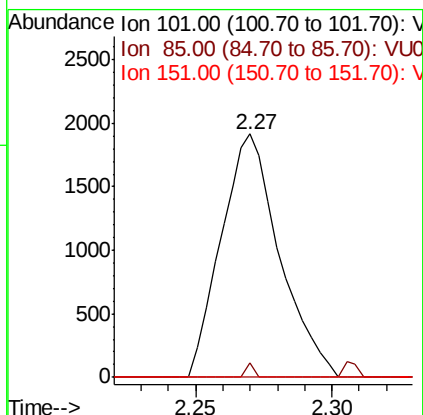
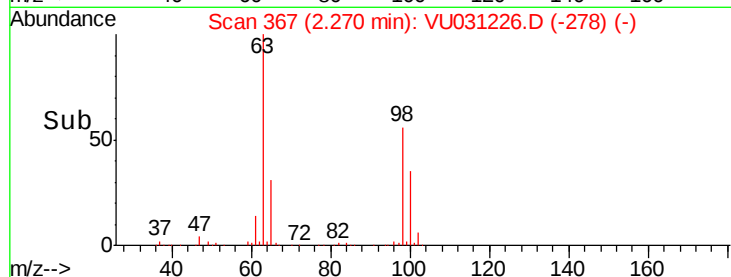
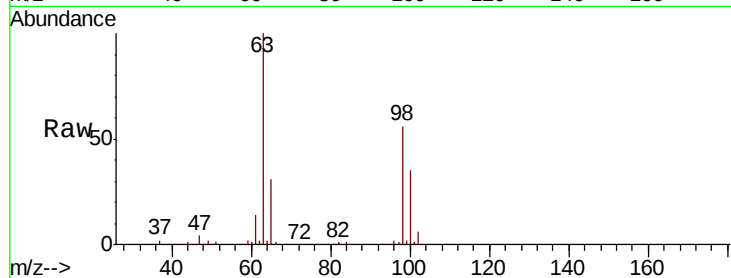
Tgt Ion:101 Resp: 2841

Ion Ratio Lower Upper

101 100

85 1.5 35.4 53.0#

151 0.0 59.8 89.8#



#12

1,1-Dichloroethene

Concen: 2.991 ug/L

RT: 2.28 min Scan# 371

Delta R.T. 0.00 min

Lab File: VU031226.D

Acq: 16 Apr 2019 21:32

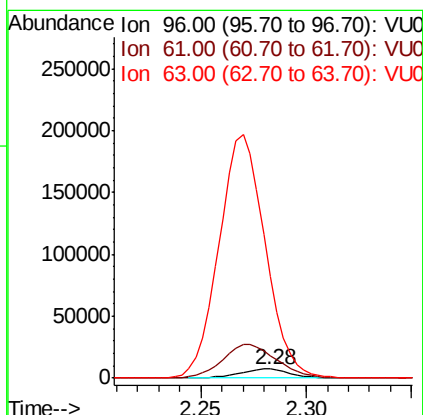
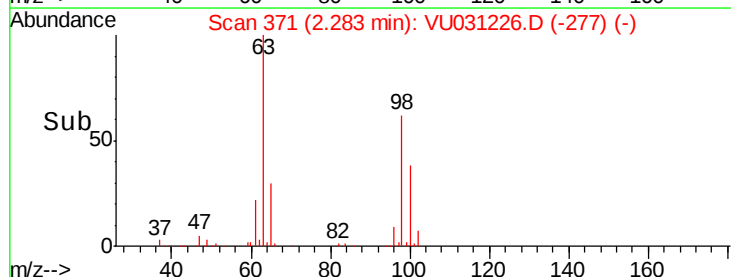
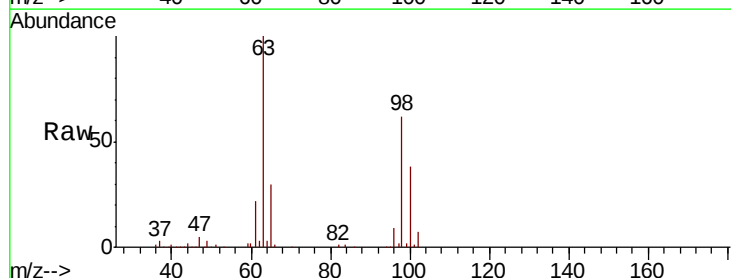
Tgt Ion: 96 Resp: 11739

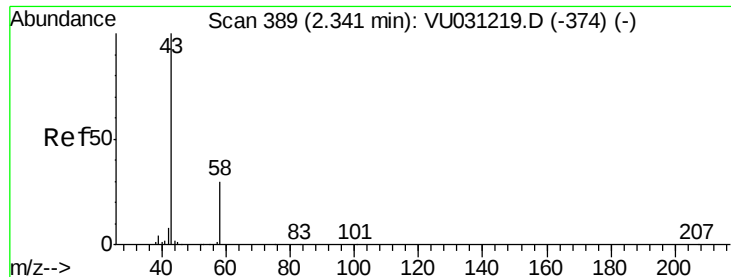
Ion Ratio Lower Upper

96 100

61 252.5 130.4 242.2#

63 1126.5 108.9 202.3#





#13

Acetone

Concen: 4.526 ug/L

RT: 2.33 min Scan# 387

Delta R.T. -0.00 min

Lab File: VU031226.D

Acq: 16 Apr 2019 21:32

Instrument :

MSVOA_U

ClientSampleId :

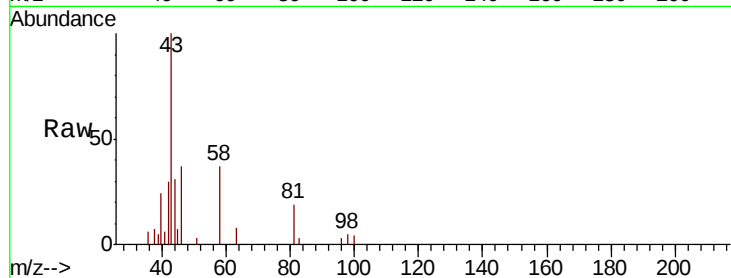
BFC27DL

Tgt Ion: 43 Resp: 11731

Ion Ratio Lower Upper

43 100

58 4.6 0.0 65.0

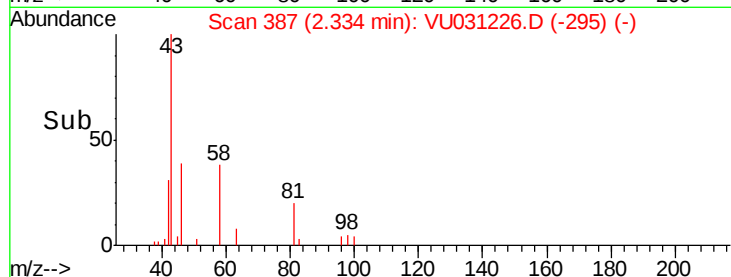


Abundance Ion 43.00 (42.70 to 43.70): VU031219.D (-374) (-)

Ion 58.00 (57.70 to 58.70): VU031219.D (-374) (-)

2.33

Time-->

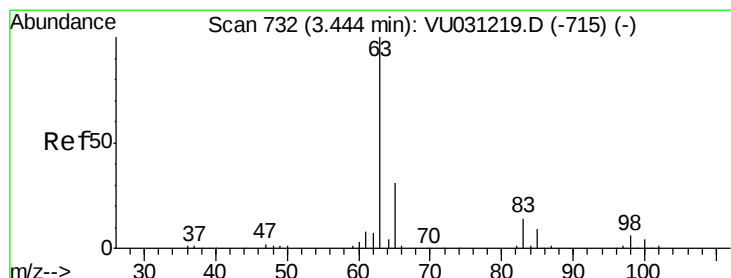


Abundance Ion 43.00 (42.70 to 43.70): VU031226.D (-295) (-)

Ion 58.00 (57.70 to 58.70): VU031226.D (-295) (-)

2.33

Time-->



#19

1,1-Dichloroethane

Concen: 0.857 ug/L

RT: 3.44 min Scan# 732

Delta R.T. -0.00 min

Lab File: VU031226.D

Acq: 16 Apr 2019 21:32

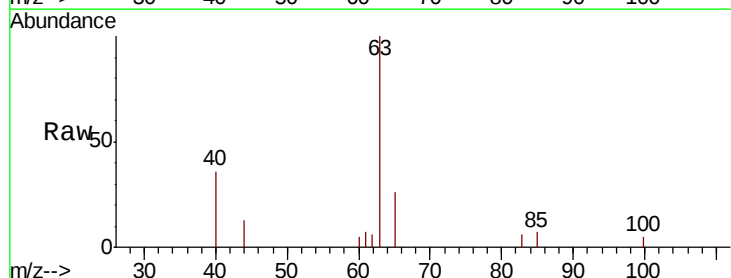
Tgt Ion: 63 Resp: 6090

Ion Ratio Lower Upper

63 100

65 25.7 22.8 42.4

83 6.2 9.7 17.9#



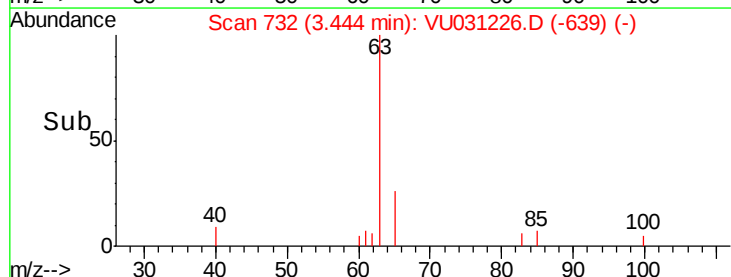
Abundance Ion 63.00 (62.70 to 63.70): VU031219.D (-715) (-)

Ion 65.00 (64.70 to 65.70): VU031219.D (-715) (-)

Ion 83.00 (82.70 to 83.70): VU031219.D (-715) (-)

3.44

Time-->



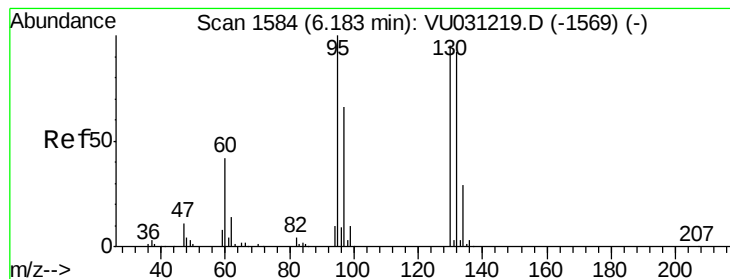
Abundance Ion 63.00 (62.70 to 63.70): VU031226.D (-639) (-)

Ion 65.00 (64.70 to 65.70): VU031226.D (-639) (-)

Ion 83.00 (82.70 to 83.70): VU031226.D (-639) (-)

3.44

Time-->



#34

Trichloroethene

Concen: 28.664 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031226.D

Acq: 16 Apr 2019 21:32

Instrument :

MSVOA_U

ClientSampleId :

BFC27DL

Tgt Ion: 95 Resp: 119167

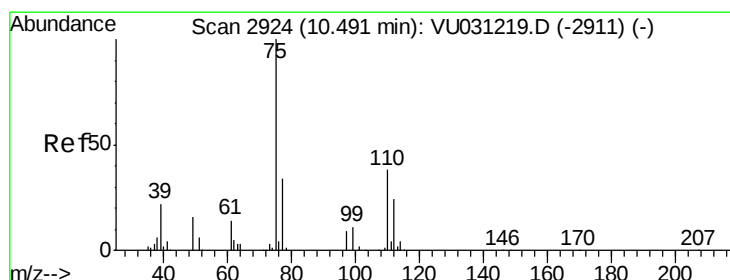
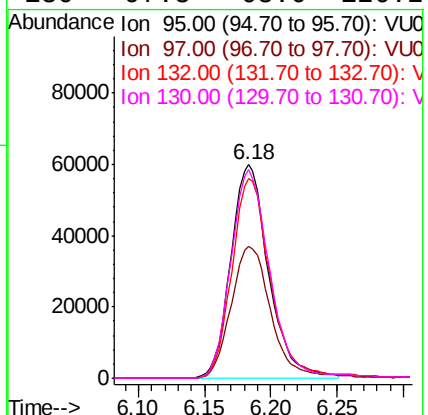
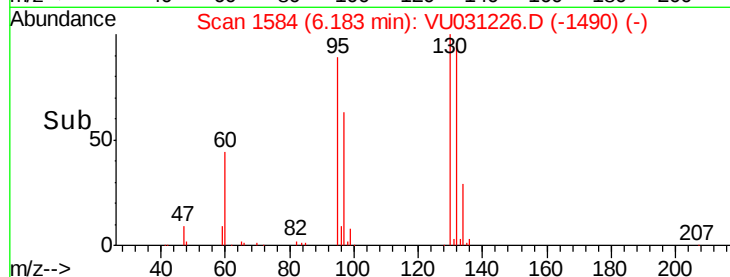
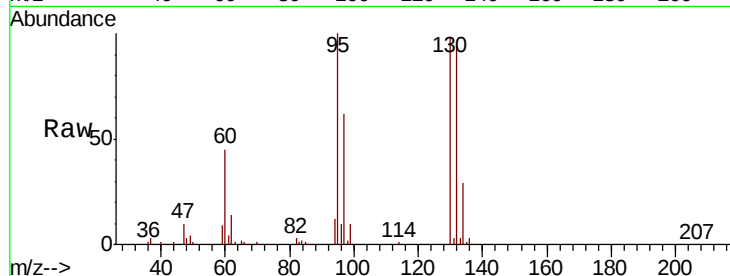
Ion Ratio Lower Upper

95 100

97 61.8 43.6 81.0

132 93.8 64.5 119.7

130 97.8 68.0 126.2



#59

1,2,3-Trichloropropane

Concen: 4.243 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031226.D

Acq: 16 Apr 2019 21:32

Tgt Ion: 75 Resp: 22206

Ion Ratio Lower Upper

75 100

77 37.2 25.4 38.2

