

Data File : VU030522.D
Acq On : 28 Mar 2019 18:11
Operator : JC/SP
Sample : K2128-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1A7

Quant Time: Mar 29 01:23:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 01:19:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	389824	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	372773	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	140679	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	141280	45.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.06%
7) Chloroethane-d5	1.68	69	124966	50.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.50%
11) 1,1-Dichloroethene-d2	2.27	63	206149	34.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.28%
21) 2-Butanone-d5	4.17	46	277323	94.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.03%
24) Chloroform-d	4.64	84	263640	48.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.54%
26) 1,2-Dichloroethane-d4	5.31	65	182080	51.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.96%
32) Benzene-d6	5.34	84	518575	48.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.02%
36) 1,2-Dichloropropane-d6	6.33	67	189227	51.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.48%
41) Toluene-d8	7.56	98	434365	45.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.48%
43) trans-1,3-Dichloropropene-	7.85	79	79253	46.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.16%
47) 2-Hexanone-d5	8.31	63	162473	81.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.97%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	254970	48.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	145813	51.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.46%

Target Compounds

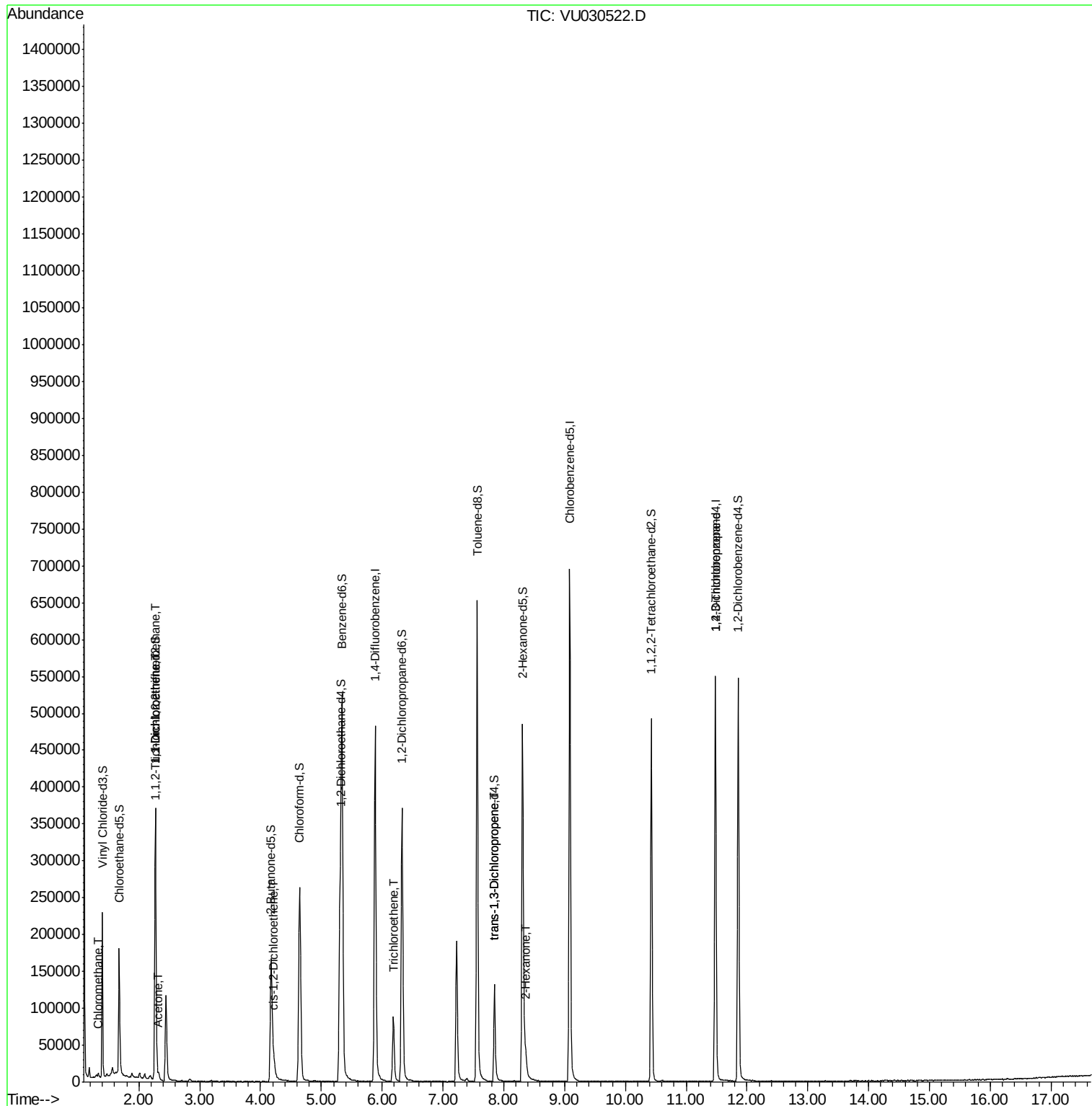
					Qvalue
3) Chloromethane	1.33	50	4471	0.929 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	17525	6.160 ug/L	94
12) 1,1-Dichloroethene	2.27	96	2246	0.805 ug/L #	1
13) Acetone	2.32	43	7100	2.381 ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	6018	1.834 ug/L	92
34) Trichloroethene	6.19	95	32122	10.297 ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	3185	0.699 ug/L #	72
48) 2-Hexanone	8.36	43	18747	3.781 ug/L #	82
59) 1,2,3-Trichloropropane	11.48	75	19315	4.406 ug/L	91

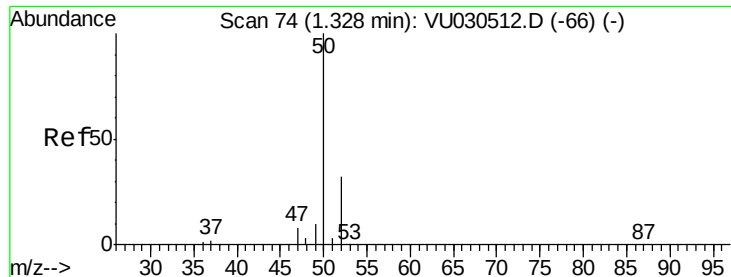
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.929 ug/L

RT: 1.33 min Scan# 75

Delta R.T. 0.00 min

Lab File: VU030522.D

Acq: 28 Mar 2019 18:11

Instrument :

MSVOA_U

ClientSampleId :

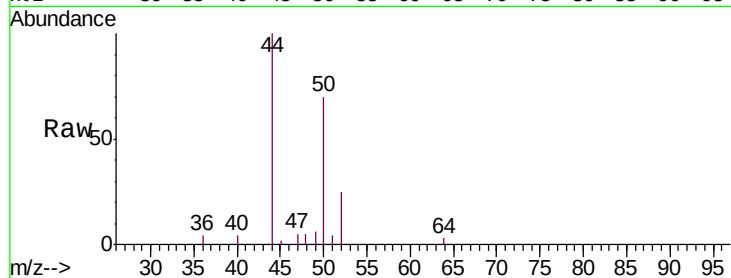
BF1A7

Tgt Ion: 50 Resp: 4471

Ion Ratio Lower Upper

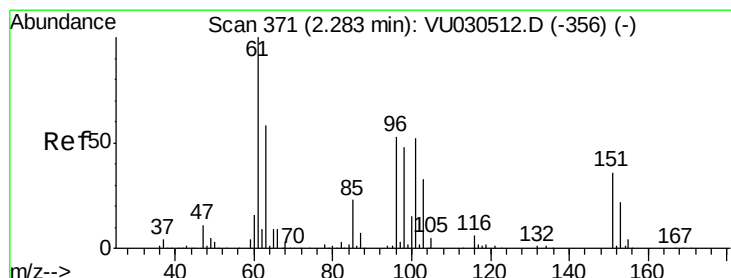
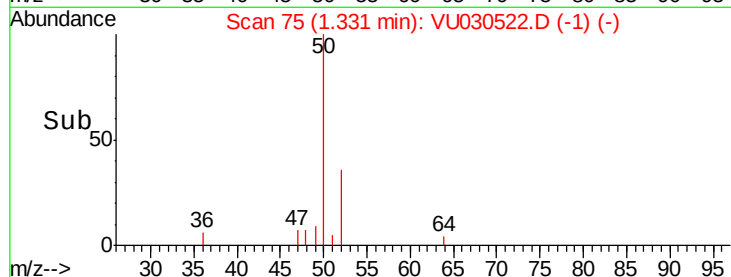
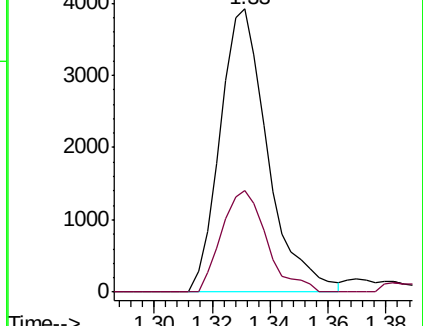
50 100

52 35.8 23.0 42.6



Abundance Ion 50.00 (49.70 to 50.70): VU030522.D (-66) (-)

Ion 52.00 (51.70 to 52.70): VU030522.D (-66) (-)



#10

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

Concen: 6.160 ug/L

RT: 2.29 min Scan# 372

Delta R.T. 0.00 min

Lab File: VU030522.D

Acq: 28 Mar 2019 18:11

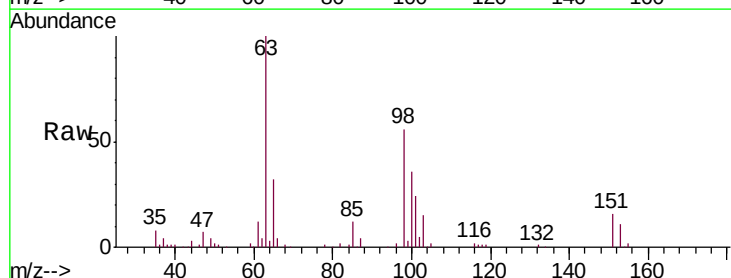
Tgt Ion: 101 Resp: 17525

Ion Ratio Lower Upper

101 100

85 43.8 34.8 52.2

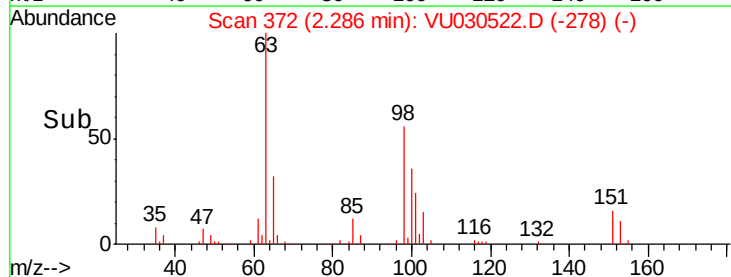
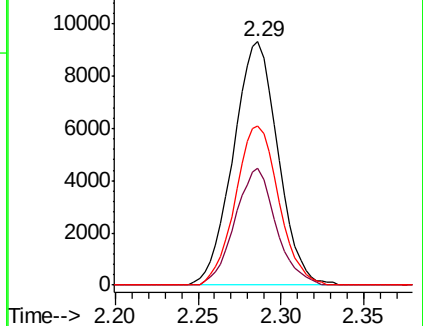
151 63.2 56.6 85.0

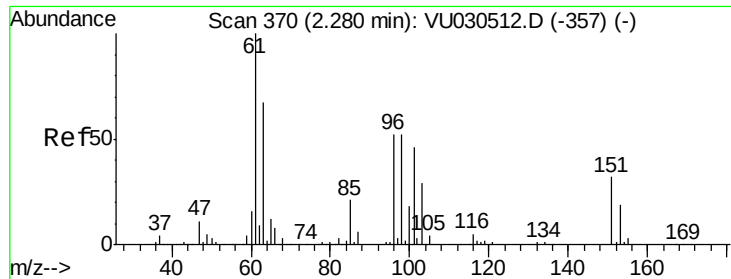


Abundance Ion 101.00 (100.70 to 101.70): VU030522.D (-278) (-)

Ion 85.00 (84.70 to 85.70): VU030522.D (-278) (-)

Ion 151.00 (150.70 to 151.70): VU030522.D (-278) (-)

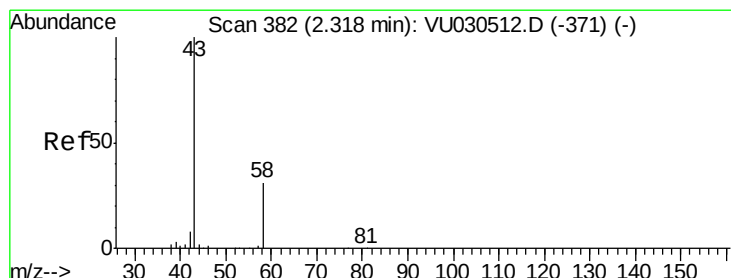
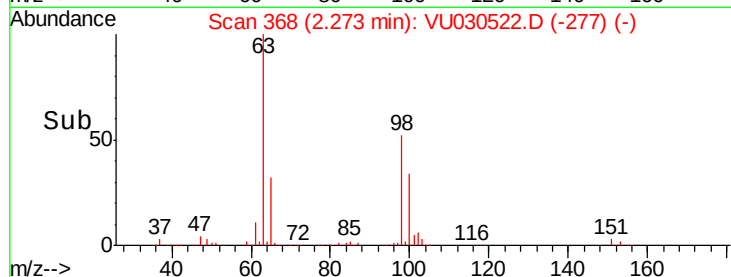
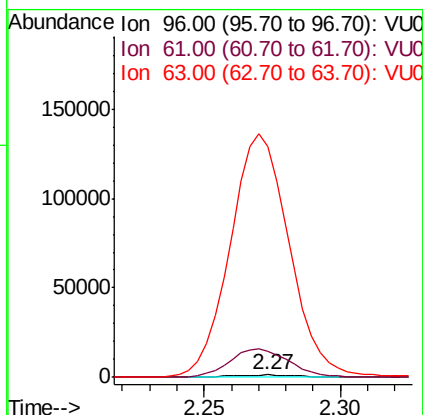
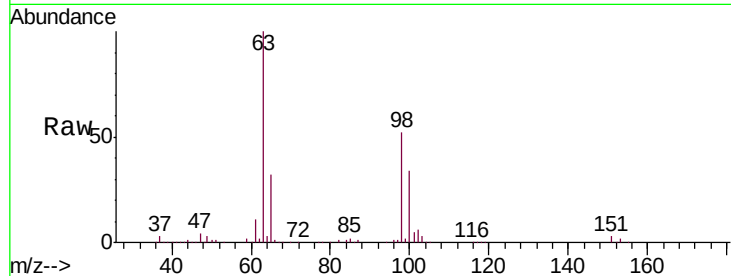




#12
 1,1-Dichloroethene
 Concen: 0.805 ug/L
 RT: 2.27 min Scan# 368
 Delta R.T. -0.01 min
 Lab File: VU030522.D
 Acq: 28 Mar 2019 18:11

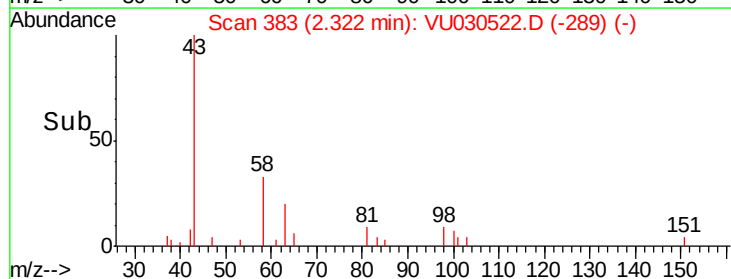
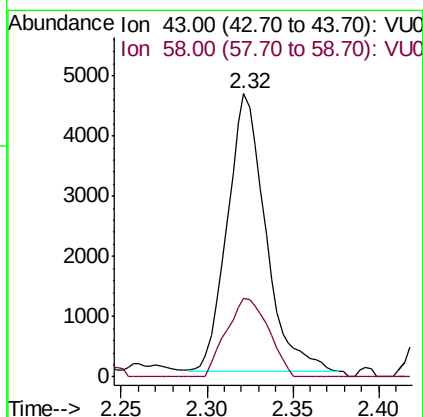
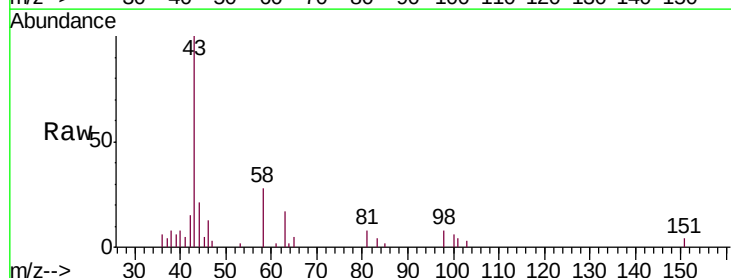
Instrument :
 MSVOA_U
 ClientSampleId :
 BF1A7

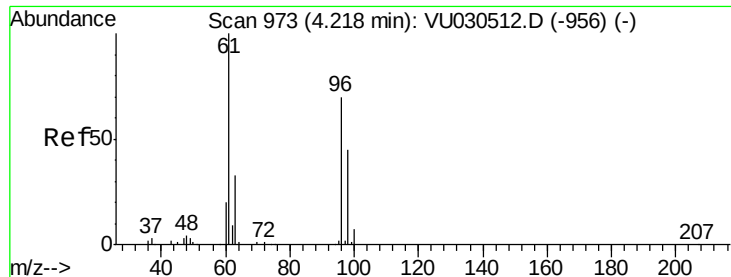
Tgt Ion: 96 Resp: 2246
 Ion Ratio Lower Upper
 96 100
 61 1091.8 131.0 243.4#
 63 9581.6 92.4 171.6#



#13
 Acetone
 Concen: 2.381 ug/L
 RT: 2.32 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VU030522.D
 Acq: 28 Mar 2019 18:11

Tgt Ion: 43 Resp: 7100
 Ion Ratio Lower Upper
 43 100
 58 31.3 0.0 62.8





#20

cis-1,2-Dichloroethene

Concen: 1.834 ug/L

RT: 4.23 min Scan# 976

Delta R.T. 0.01 min

Lab File: VU030522.D

Acq: 28 Mar 2019 18:11

Instrument :

MSVOA_U

ClientSampleId :

BF1A7

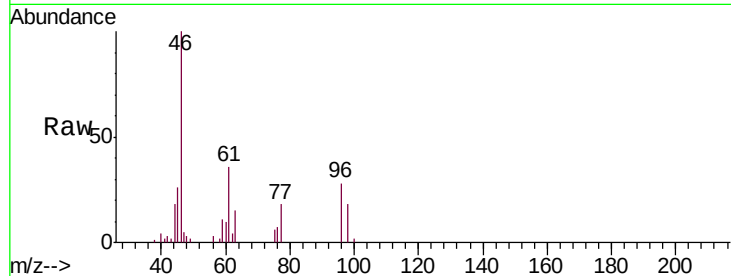
Tgt Ion: 96 Resp: 6018

Ion Ratio Lower Upper

96 100

61 130.5 98.4 182.8

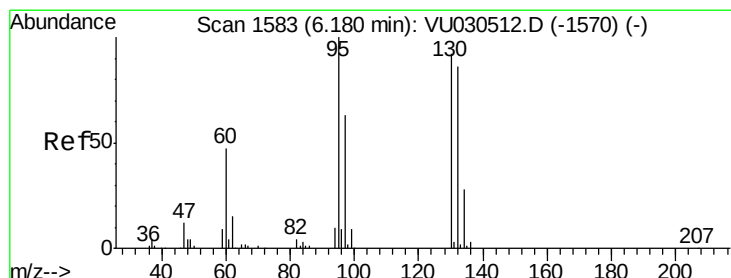
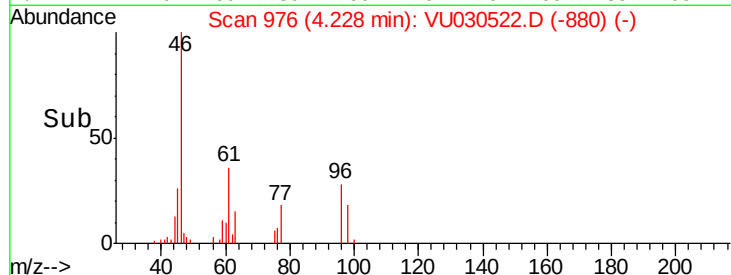
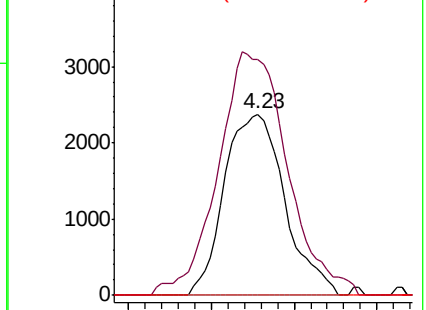
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU030512.D (-956) (-)

Ion 61.00 (60.70 to 61.70): VU030512.D (-956) (-)

Ion 68.00 (67.70 to 68.70): VU030512.D (-956) (-)



#34

Trichloroethene

Concen: 10.297 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU030522.D

Acq: 28 Mar 2019 18:11

Tgt Ion: 95 Resp: 32122

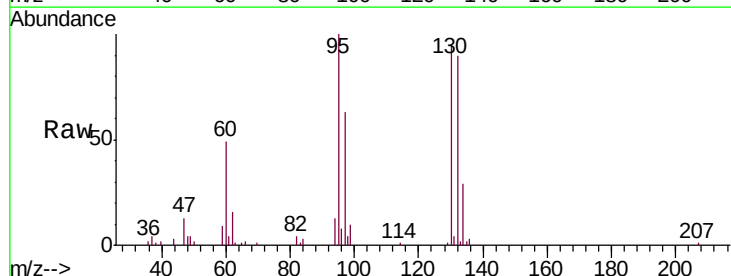
Ion Ratio Lower Upper

95 100

97 62.9 45.7 84.9

132 90.1 63.8 118.4

130 95.0 65.7 121.9

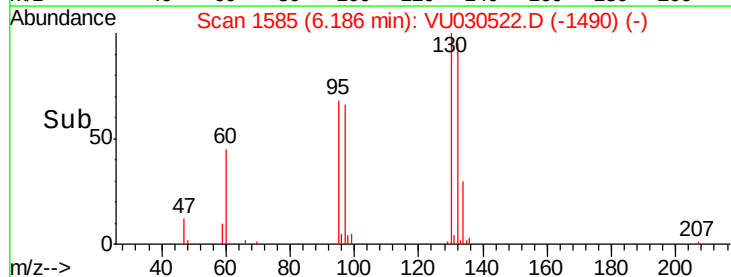
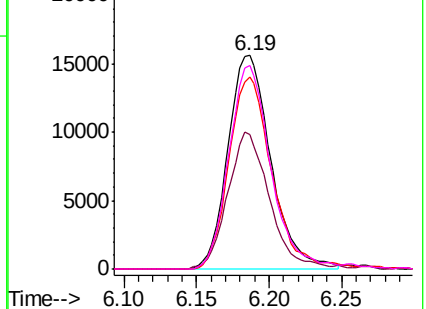


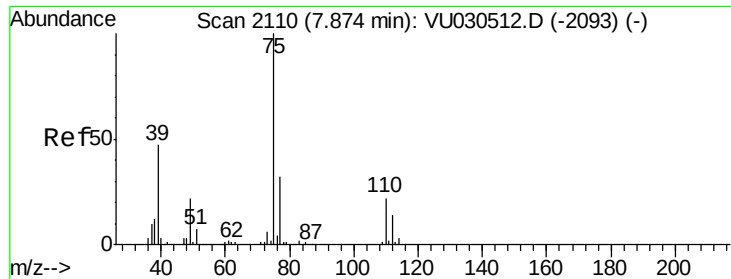
Abundance Ion 95.00 (94.70 to 95.70): VU030512.D (-1570) (-)

Ion 97.00 (96.70 to 97.70): VU030512.D (-1570) (-)

Ion 132.00 (131.70 to 132.70): VU030512.D (-1570) (-)

Ion 130.00 (129.70 to 130.70): VU030512.D (-1570) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.699 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU030522.D

Acq: 28 Mar 2019 18:11

Instrument :

MSVOA_U

ClientSampleId :

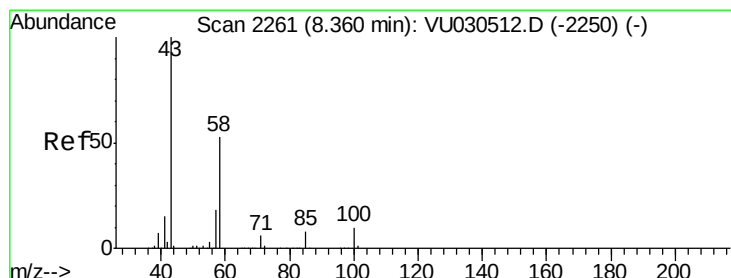
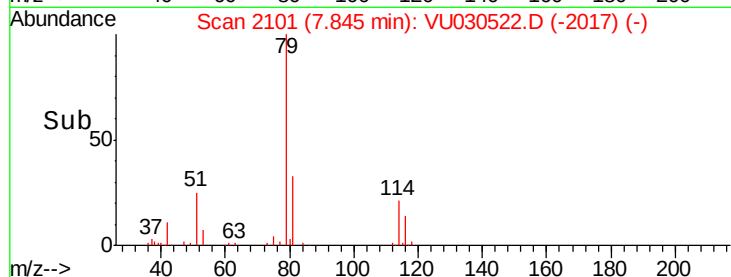
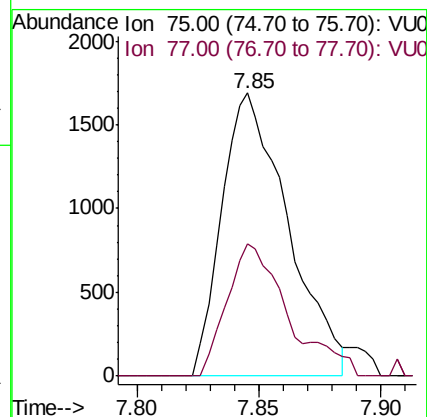
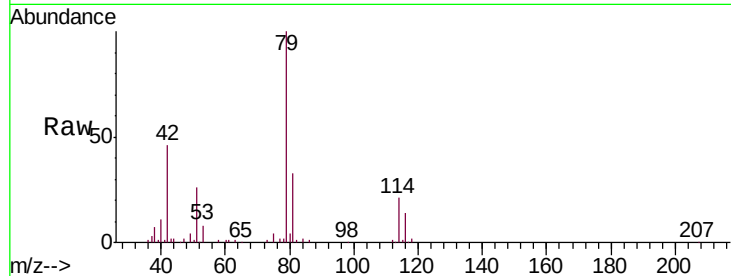
BF1A7

Tgt Ion: 75 Resp: 3185

Ion Ratio Lower Upper

75 100

77 46.9 22.0 40.8#



#48

2-Hexanone

Concen: 3.781 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VU030522.D

Acq: 28 Mar 2019 18:11

Tgt Ion: 43 Resp: 18747

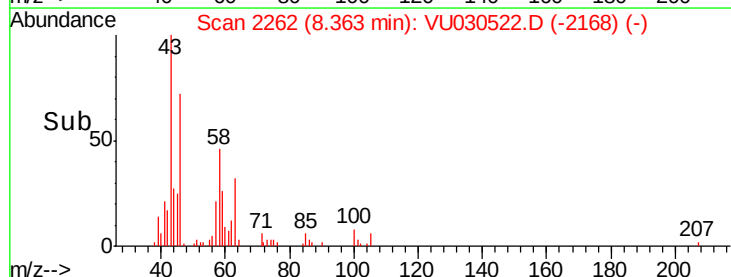
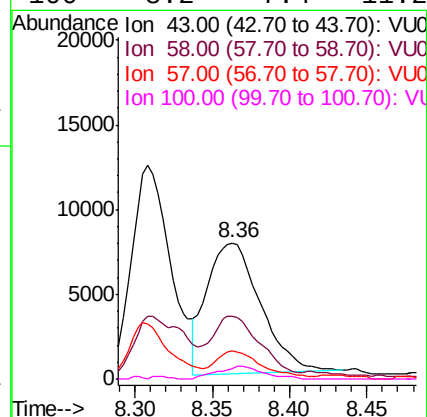
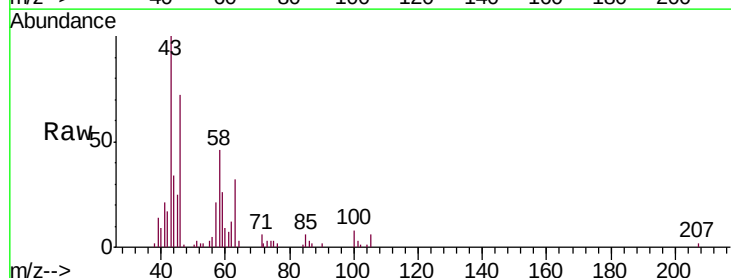
Ion Ratio Lower Upper

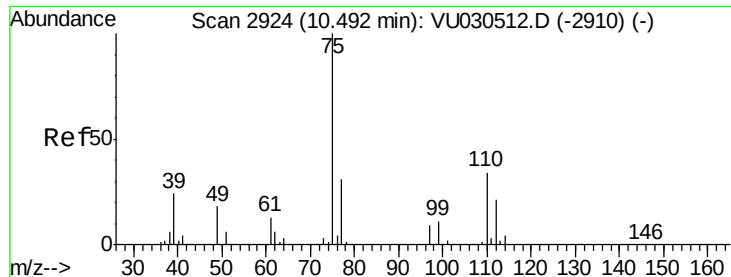
43 100

58 35.0 42.5 63.7#

57 17.0 15.0 22.6

100 8.2 7.4 11.2





#59

1,2,3-Trichloropropane

Concen: 4.406 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030522.D

Acq: 28 Mar 2019 18:11

Instrument :

MSVOA_U

ClientSampleId :

BF1A7

Tgt Ion: 75 Resp: 19315

Ion Ratio Lower Upper

75 100

77 36.5 25.4 38.2

