

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042919\
 Data File : VU031576.D
 Acq On : 29 Apr 2019 11:16
 Operator : JC/SP
 Sample : K2590-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XB3

Quant Time: Apr 30 01:57:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 30 01:54:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	695043	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	691245	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	266529	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	311363	53.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.06%
7) Chloroethane-d5	1.68	69	251404	55.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.86%
11) 1,1-Dichloroethene-d2	2.27	63	463808	40.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.08%
21) 2-Butanone-d5	4.19	46	603163	114.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.44%
24) Chloroform-d	4.64	84	546346	51.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.56%
26) 1,2-Dichloroethane-d4	5.31	65	372221	53.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.96%
32) Benzene-d6	5.34	84	1091547	51.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.84%
36) 1,2-Dichloropropane-d6	6.32	67	382499	51.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.44%
41) Toluene-d8	7.56	98	893961	48.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.70%
43) trans-1,3-Dichloropropene-	7.85	79	156208	48.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.46%
47) 2-Hexanone-d5	8.31	63	363968	112.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.60%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	501094	50.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	299196	53.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.76%

Target Compounds

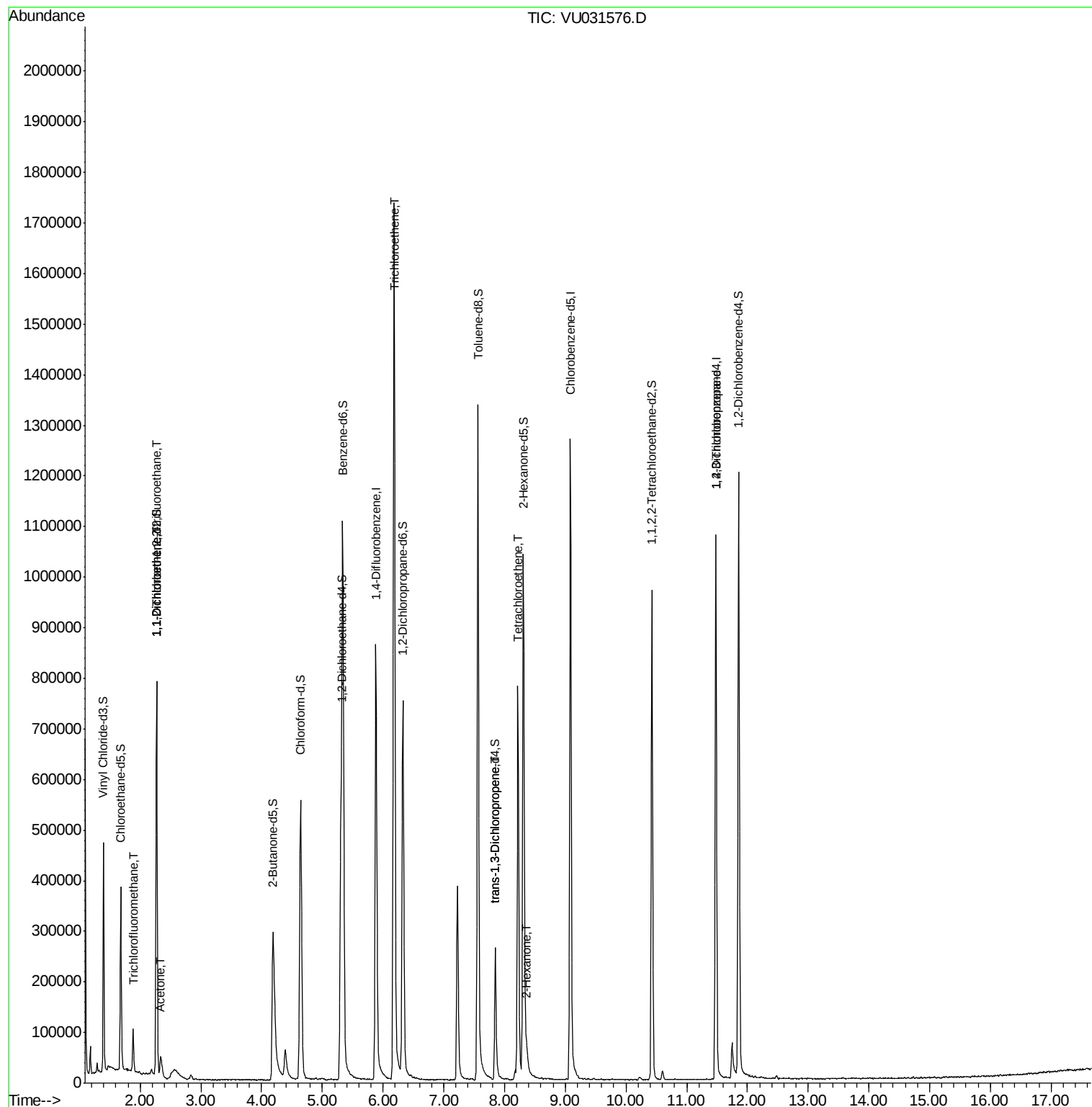
					Qvalue
9) Trichlorofluoromethane	1.88	101	46072	4.675 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3311	0.594 ug/L #	23
12) 1,1-Dichloroethene	2.27	96	3224	0.595 ug/L #	1
13) Acetone	2.34	43	58550	9.862 ug/L	90
34) Trichloroethene	6.18	95	651216	105.708 ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	6627	0.766 ug/L	86
46) Tetrachloroethene	8.22	164	170556	40.610 ug/L	96
48) 2-Hexanone	8.37	43	25719	2.865 ug/L #	49
59) 1,2,3-Trichloropropane	11.48	75	37643	4.401 ug/L	93

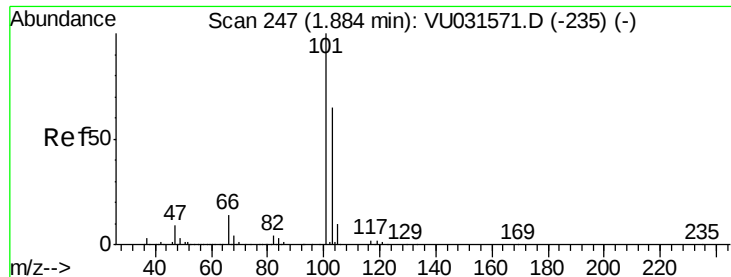
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 4.675 ug/L

RT: 1.88 min Scan# 247

Delta R.T. -0.00 min

Lab File: VU031576.D

Acq: 29 Apr 2019 11:16

Instrument :

MSVOA_U

ClientSampleId :

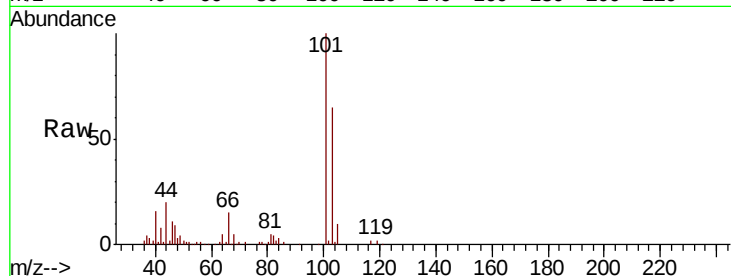
C0XB3

Tgt Ion:101 Resp: 46072

Ion Ratio Lower Upper

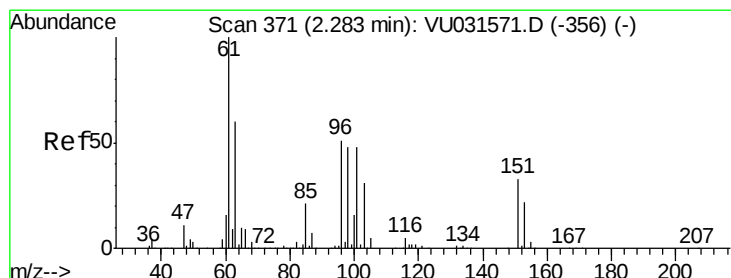
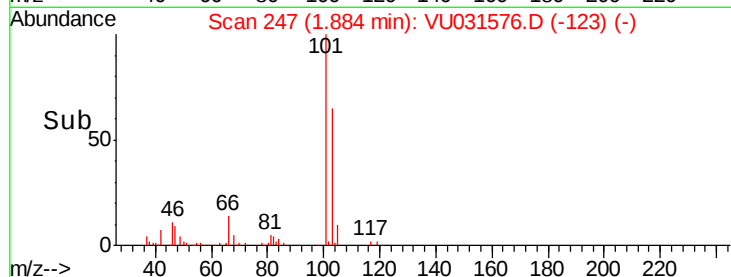
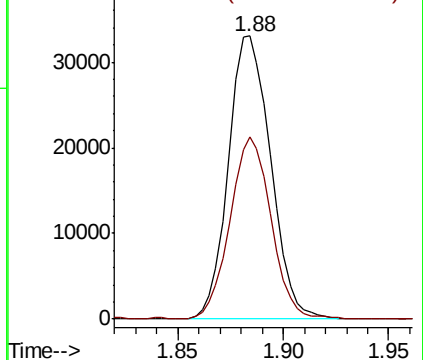
101 100

103 62.5 50.8 76.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#10

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

Concen: 0.594 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031576.D

Acq: 29 Apr 2019 11:16

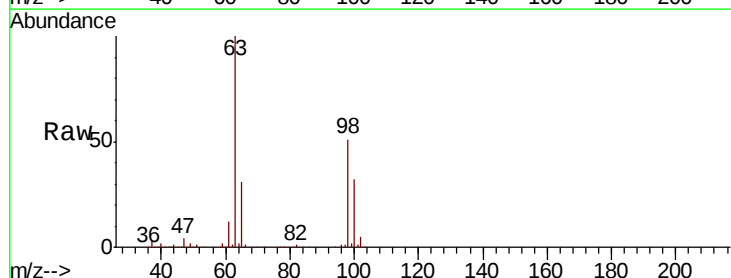
Tgt Ion:101 Resp: 3311

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

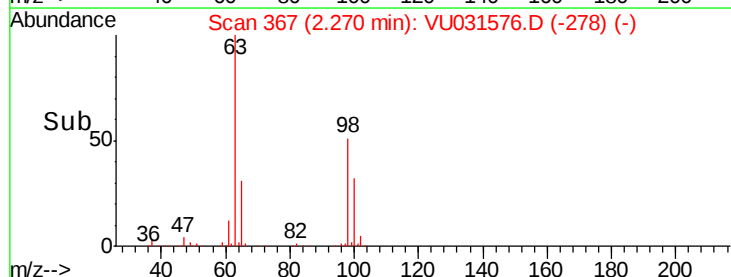
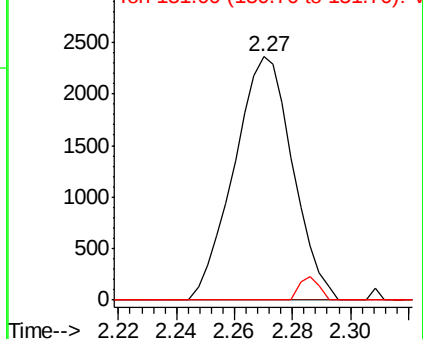
151 3.2 56.1 84.1#

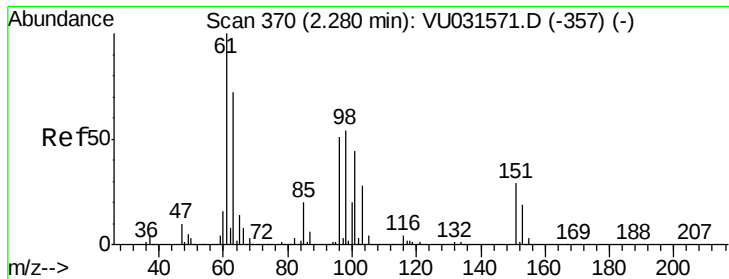


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 0.595 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031576.D

Acq: 29 Apr 2019 11:16

Instrument :

MSVOA_U

ClientSampleId :

C0XB3

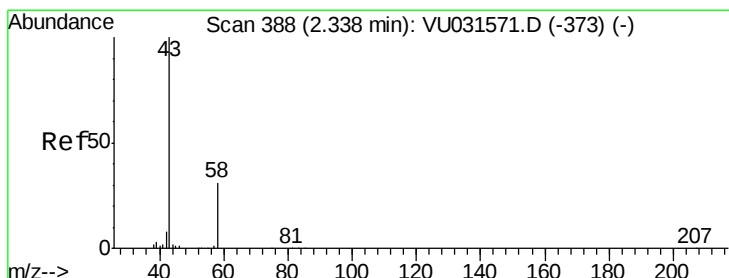
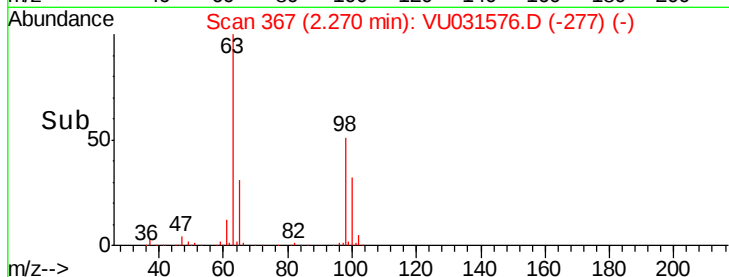
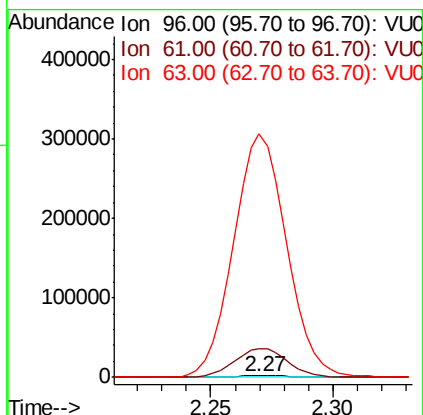
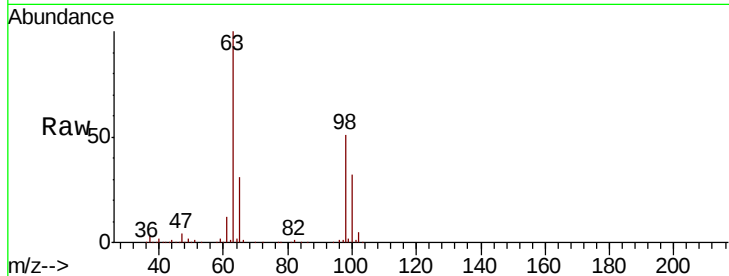
Tgt Ion: 96 Resp: 3224

Ion Ratio Lower Upper

96 100

61 1977.8 135.0 250.6#

63 16650.4 103.5 192.3#



#13

Acetone

Concen: 9.862 ug/L

RT: 2.34 min Scan# 388

Delta R.T. -0.00 min

Lab File: VU031576.D

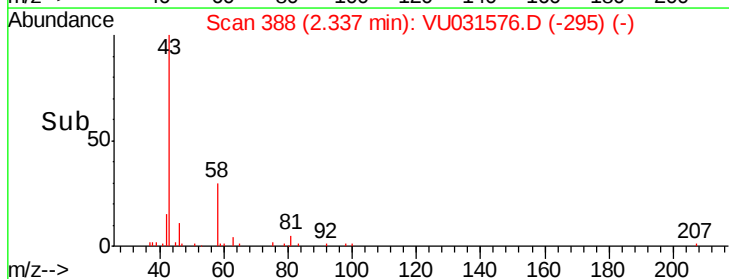
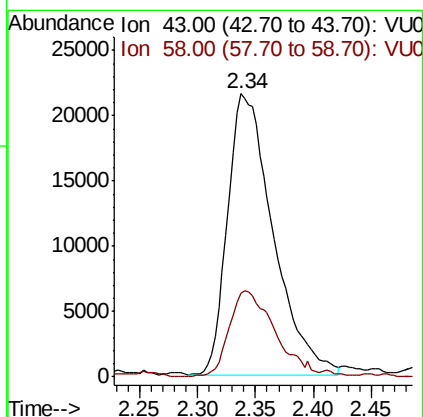
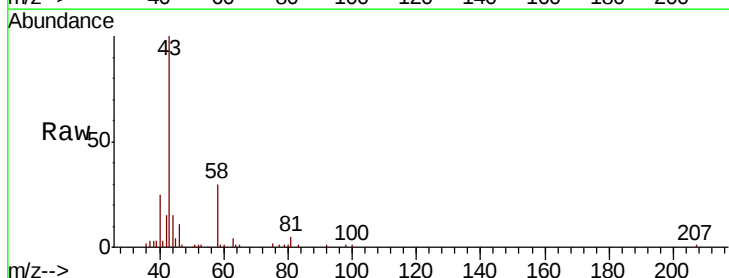
Acq: 29 Apr 2019 11:16

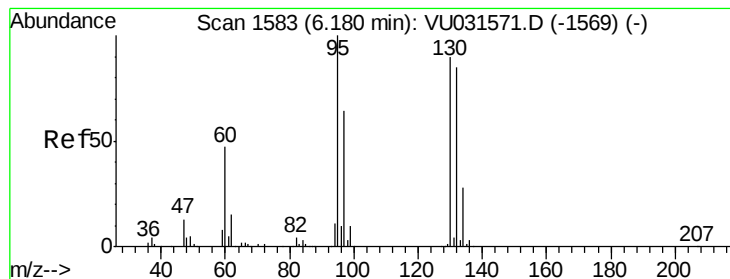
Tgt Ion: 43 Resp: 58550

Ion Ratio Lower Upper

43 100

58 26.9 0.0 64.4





#34

Trichloroethene

Concen: 105.708 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031576.D

Acq: 29 Apr 2019 11:16

Instrument :

MSVOA_U

ClientSampleId :

C0XB3

Tgt Ion: 95 Resp: 651216

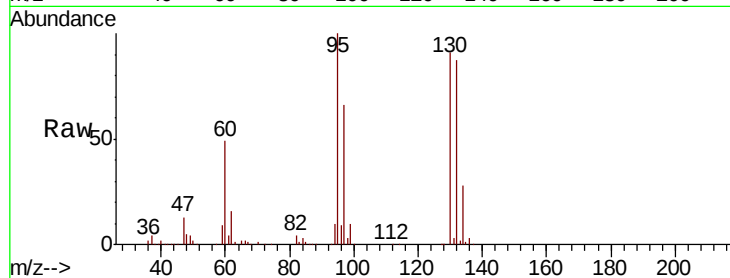
Ion Ratio Lower Upper

95 100

97 65.6 44.8 83.2

132 87.2 63.1 117.1

130 91.0 66.5 123.5

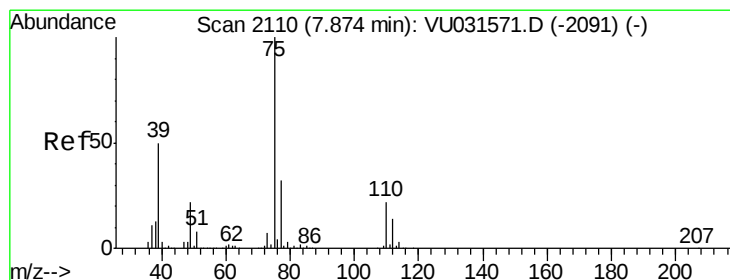
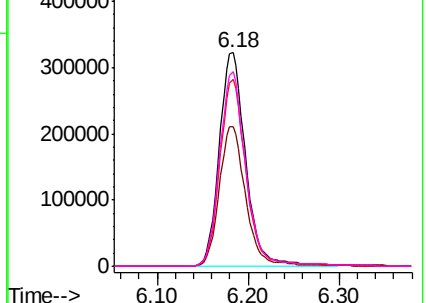
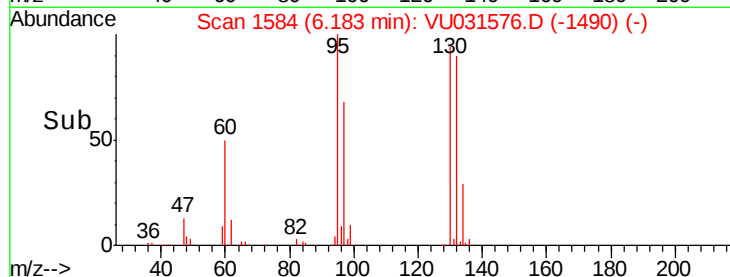


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#44

trans-1,3-Dichloropropene

Concen: 0.766 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU031576.D

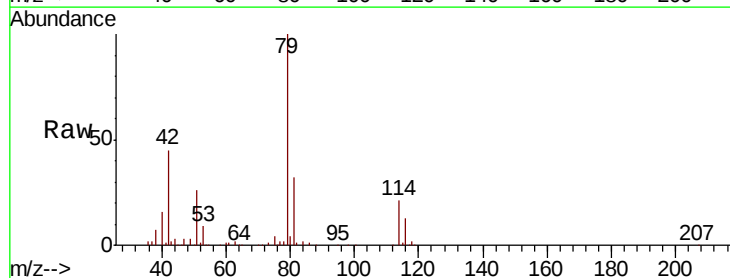
Acq: 29 Apr 2019 11:16

Tgt Ion: 75 Resp: 6627

Ion Ratio Lower Upper

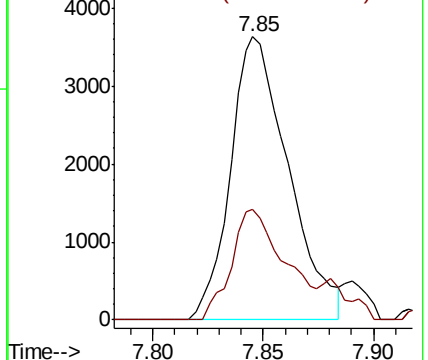
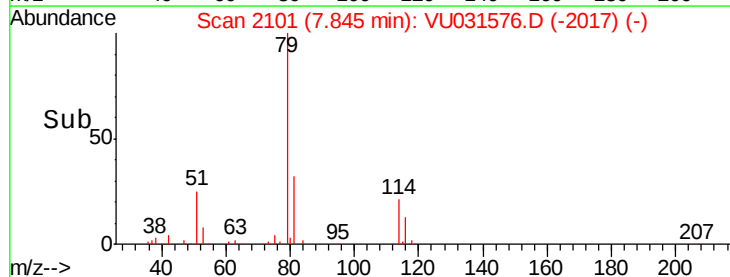
75 100

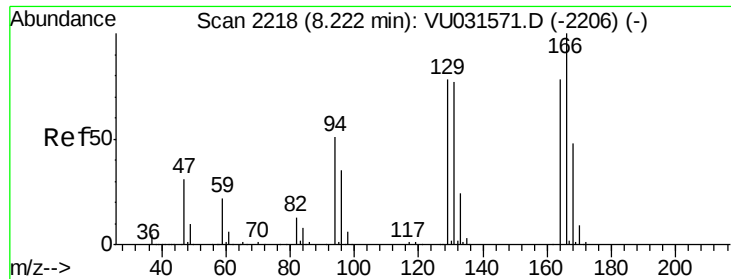
77 39.1 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

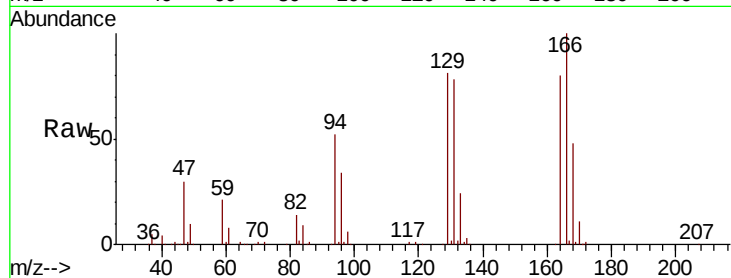




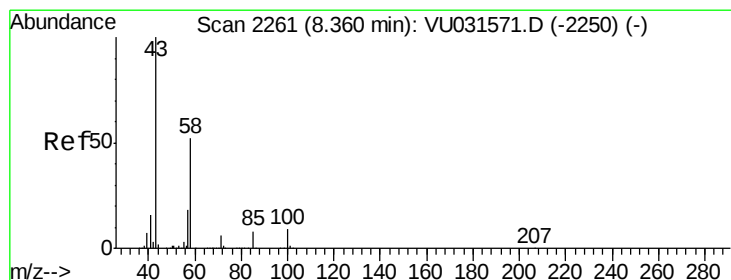
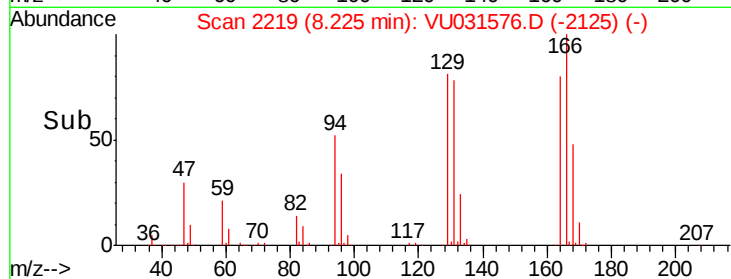
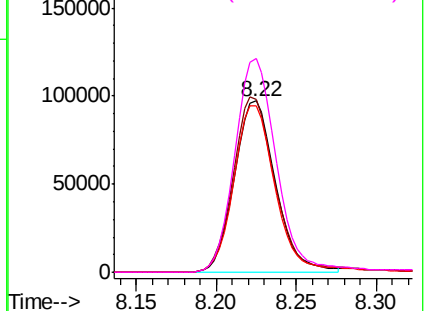
#46
Tetrachloroethene
Concen: 40.610 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU031576.D
Acq: 29 Apr 2019 11:16

Instrument :
MSVOA_U
ClientSampleId :
C0XB3

Tgt Ion:164 Resp: 170556
Ion Ratio Lower Upper
164 100
129 101.1 71.5 132.9
131 96.9 69.0 128.2
166 124.7 93.7 173.9

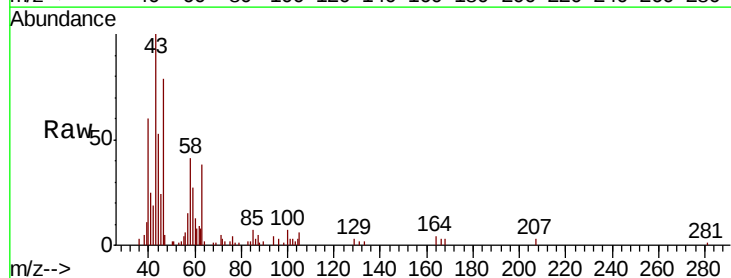


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

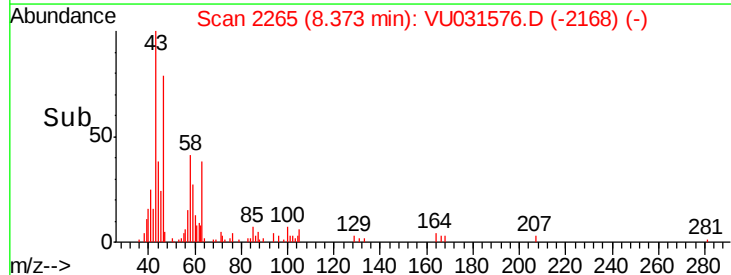
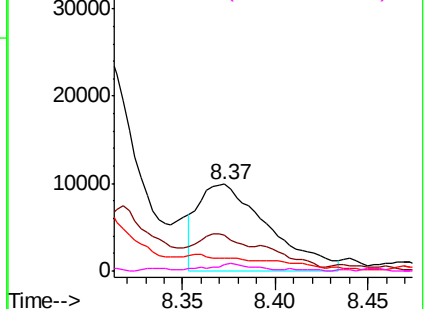


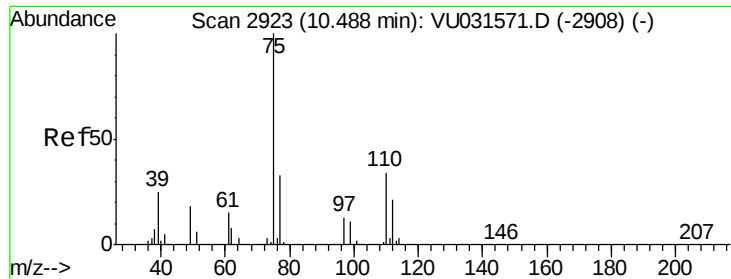
#48
2-Hexanone
Concen: 2.865 ug/L
RT: 8.37 min Scan# 2265
Delta R.T. 0.01 min
Lab File: VU031576.D
Acq: 29 Apr 2019 11:16

Tgt Ion: 43 Resp: 25719
Ion Ratio Lower Upper
43 100
58 9.4 42.1 63.1#
57 0.0 14.6 22.0#
100 4.3 7.2 10.8#



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 57.00 (56.70 to 57.70): VU0
Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 4.401 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031576.D

Acq: 29 Apr 2019 11:16

Instrument :

MSVOA_U

ClientSampleId :

C0XB3

Tgt Ion: 75 Resp: 37643

Ion Ratio Lower Upper

75 100

77 36.4 25.9 38.9

