

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
 Data File : VU030713.D
 Acq On : 05 Apr 2019 03:03
 Operator : JC/SP
 Sample : K2271-04 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB7C7

Quant Time: Apr 05 04:39:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 02:15:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	508939	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	498689	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	208363	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	248185	54.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.26%
7) Chloroethane-d5	1.68	69	186953	54.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.44%
11) 1,1-Dichloroethene-d2	2.27	63	333974	40.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.28%
21) 2-Butanone-d5	4.17	46	382065	106.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.11%
24) Chloroform-d	4.64	84	327351	47.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.34%
26) 1,2-Dichloroethane-d4	5.31	65	242141	51.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.26%
32) Benzene-d6	5.33	84	752008	51.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.32%
36) 1,2-Dichloropropane-d6	6.32	67	258513	51.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.64%
41) Toluene-d8	7.56	98	658624	51.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.08%
43) trans-1,3-Dichloropropene-	7.85	79	109583	48.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.34%
47) 2-Hexanone-d5	8.31	63	240088	105.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.29%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	330236	49.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	216633	52.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.74%

Target Compounds

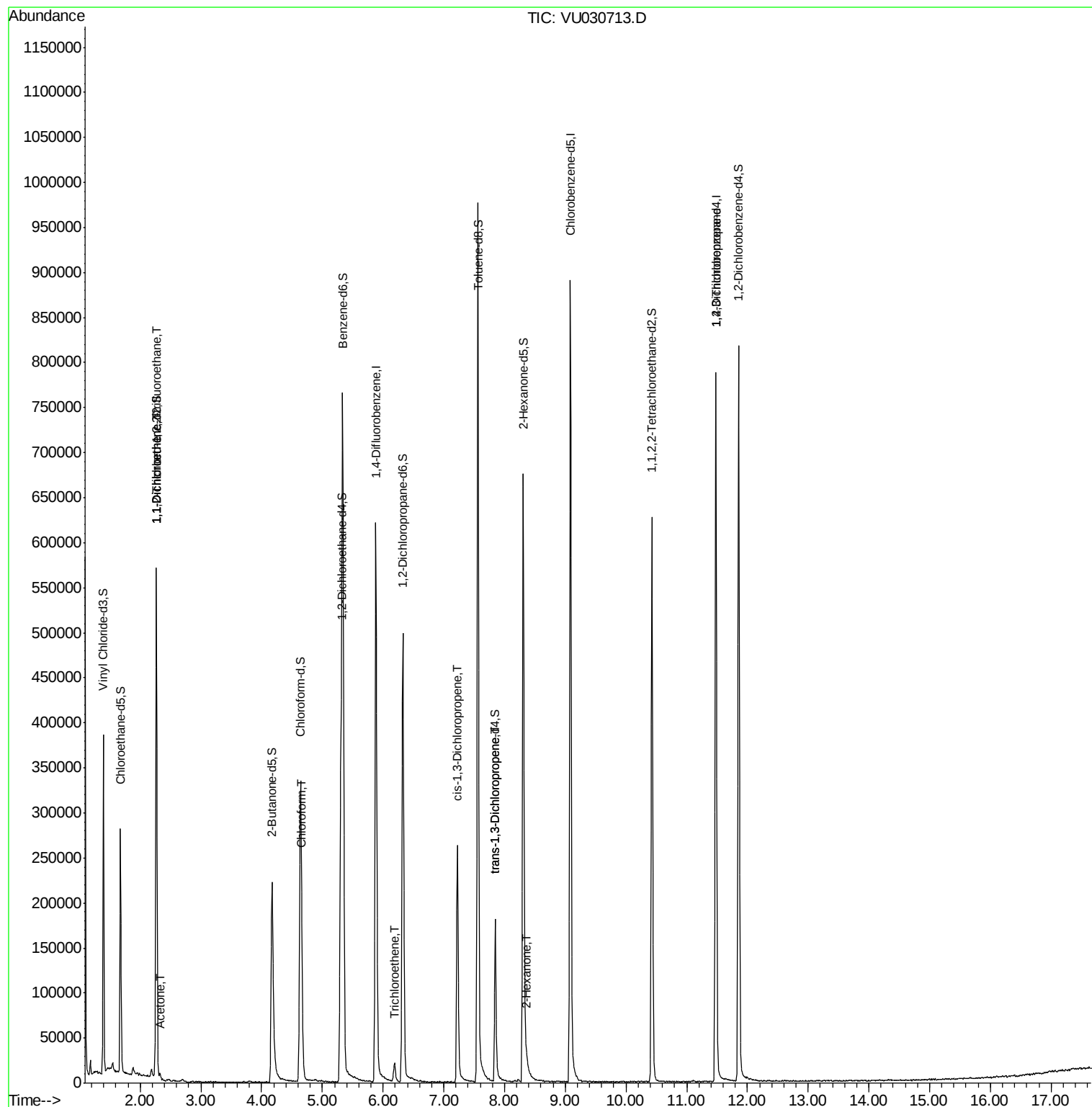
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2786	0.764	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	2666	0.758	ug/L #	1
13) Acetone	2.32	43	1914	0.519	ug/L	66
25) Chloroform	4.67	83	35698	4.607	ug/L	99
34) Trichloroethene	6.19	95	7561	1.889	ug/L	92
39) cis-1,3-Dichloropropene	7.22	75	5809	0.883	ug/L #	54
44) trans-1,3-Dichloropropene	7.85	75	4141	0.714	ug/L	85
48) 2-Hexanone	8.37	43	7858	1.355	ug/L #	52
59) 1,2,3-Trichloropropane	11.48	75	26325	4.757	ug/L	90

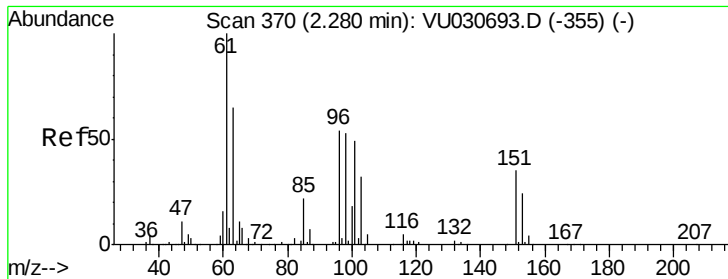
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Apr 05 02:15:56 2019
Response via : Initial Calibration





#10

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

Concen: 0.764 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: VU030713.D

Acq: 05 Apr 2019 03:03

Instrument :

MSVOA_U

ClientSampleId :

DB7C7

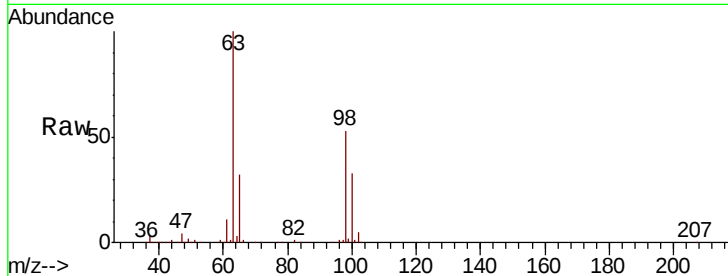
Tot Ion:101 Resp: 2786

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

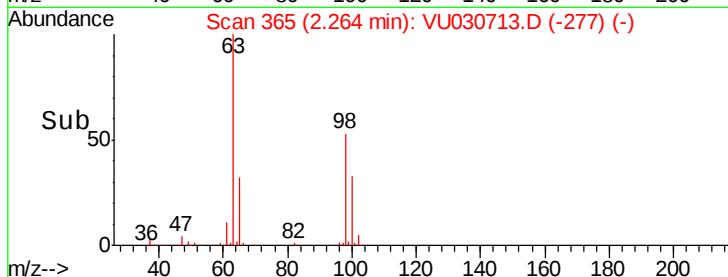
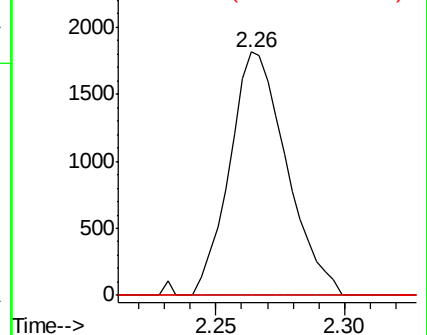
151 0.0 57.4 86.0#



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: 0.758 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU030713.D

Acq: 05 Apr 2019 03:03

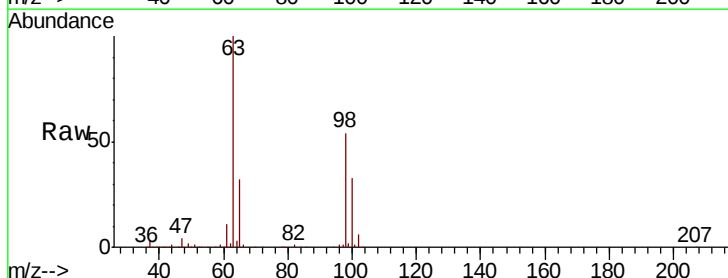
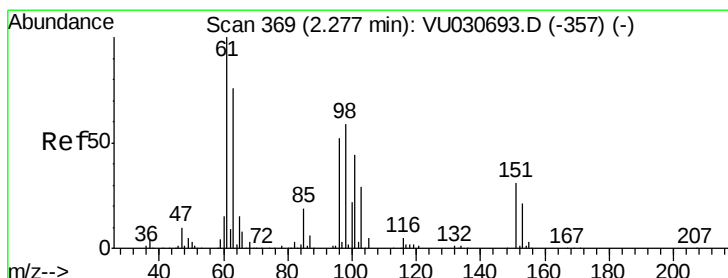
Tgt Ion: 96 Resp: 2666

Ion Ratio Lower Upper

96 100

61 1285.8 132.0 245.2#

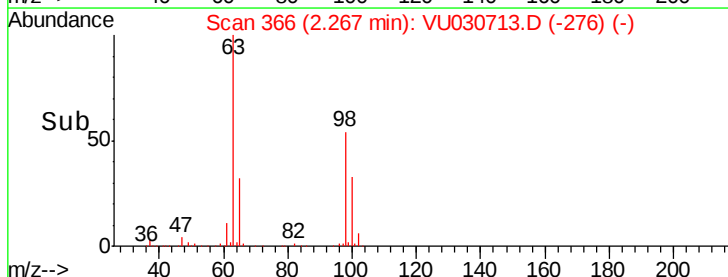
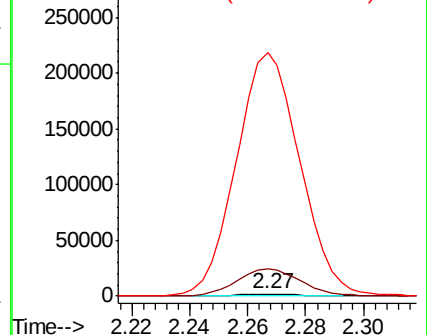
63 11406.4 90.9 168.9#

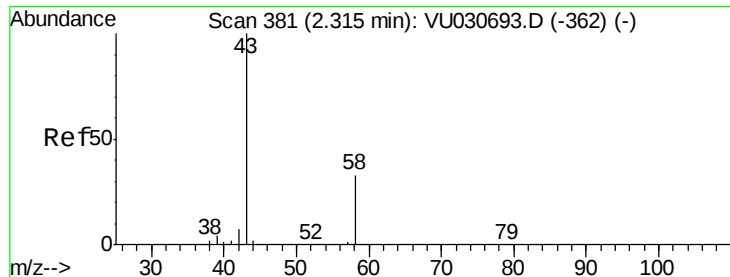


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.519 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU030713.D

Acq: 05 Apr 2019 03:03

Instrument :

MSVOA_U

ClientSampleId :

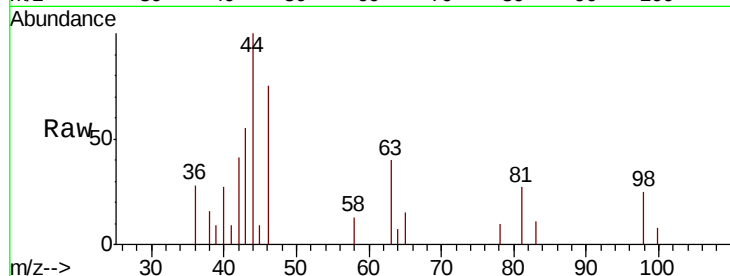
DB7C7

Tot Ion: 43 Resp: 1914

Ion Ratio Lower Upper

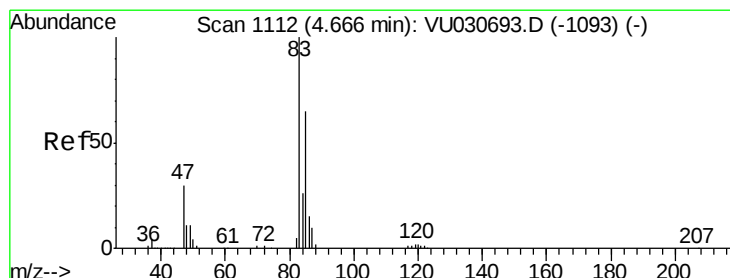
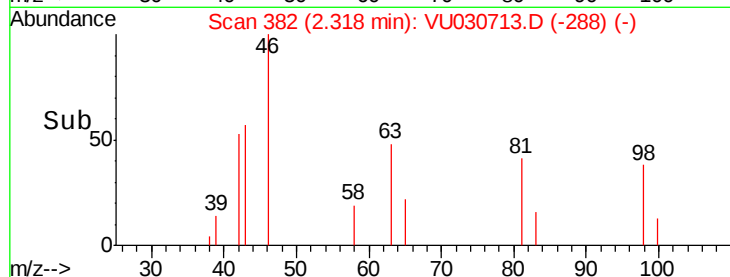
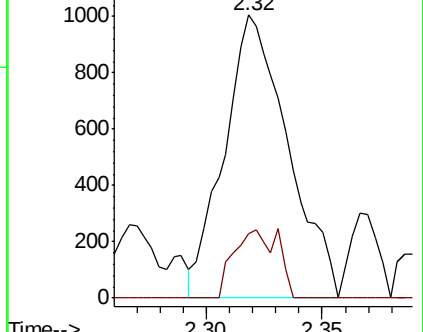
43 100

58 13.3 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU030713.D (-288) (-)

Ion 58.00 (57.70 to 58.70): VU030713.D (-288) (-)



#25

Chloroform

Concen: 4.607 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU030713.D

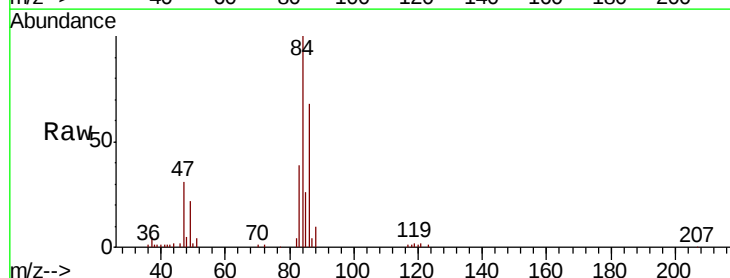
Acq: 05 Apr 2019 03:03

Tgt Ion: 83 Resp: 35698

Ion Ratio Lower Upper

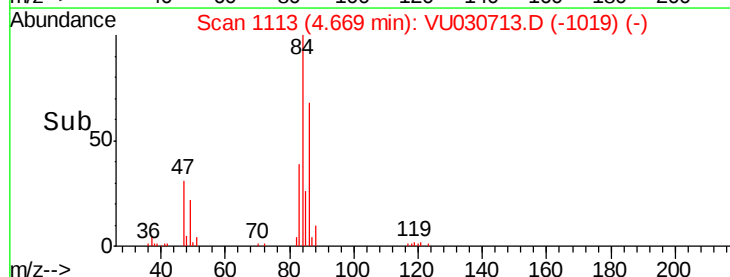
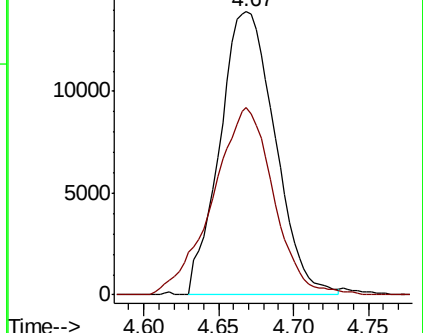
83 100

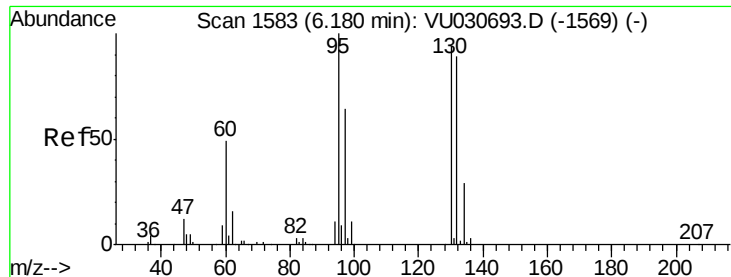
85 66.1 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU030713.D (-1019) (-)

Ion 85.00 (84.70 to 85.70): VU030713.D (-1019) (-)





#34

Trichloroethene

Concen: 1.889 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU030713.D

Acq: 05 Apr 2019 03:03

Instrument :

MSVOA_U

ClientSampleId :

DB7C7

Tot Ion: 95 Resp: 7561

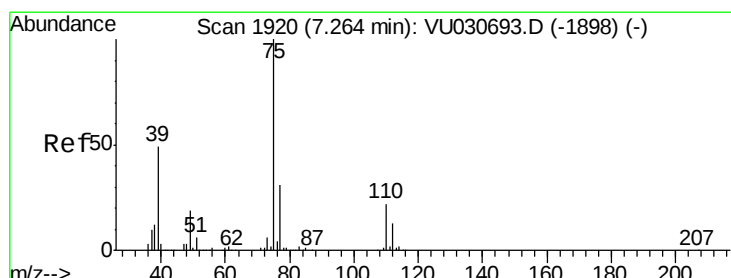
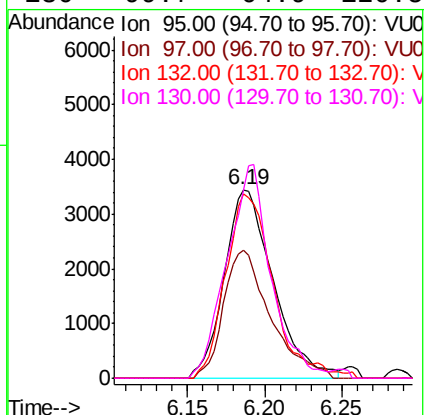
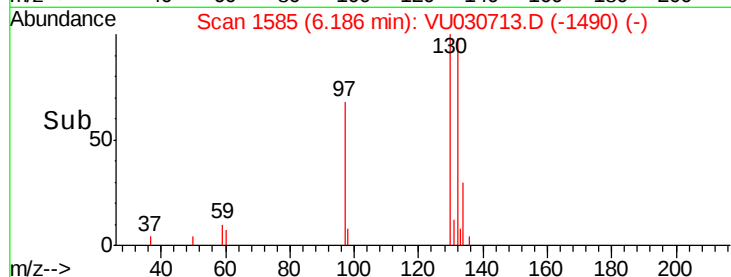
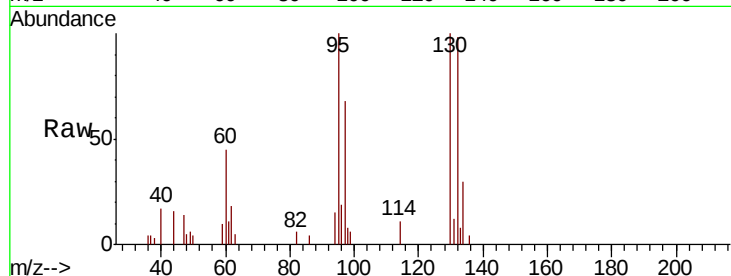
Ion Ratio Lower Upper

95 100

97 67.9 44.5 82.7

132 98.2 61.5 114.1

130 99.7 64.9 120.5



#39

cis-1,3-Dichloropropene

Concen: 0.883 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU030713.D

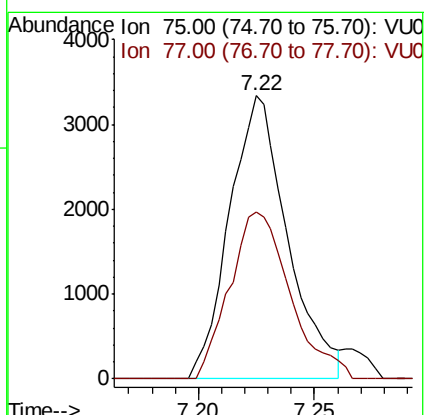
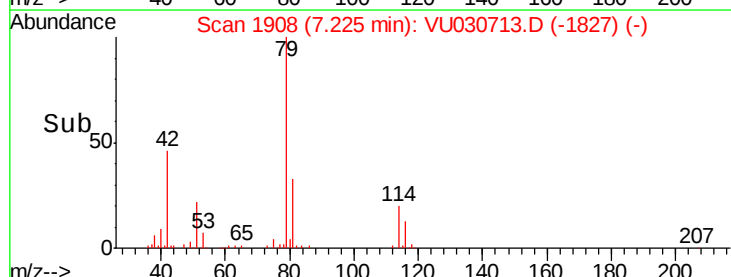
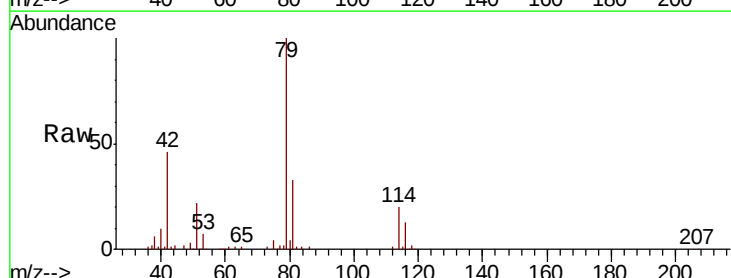
Acq: 05 Apr 2019 03:03

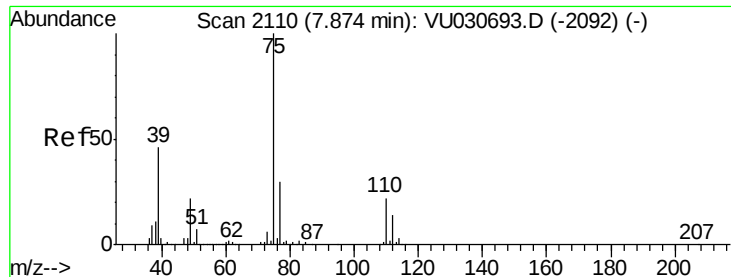
Tgt Ion: 75 Resp: 5809

Ion Ratio Lower Upper

75 100

77 59.2 23.1 42.9#





#44

trans-1,3-Dichloropropene

Concen: 0.714 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU030713.D

Acq: 05 Apr 2019 03:03

Instrument :

MSVOA_U

ClientSampled :

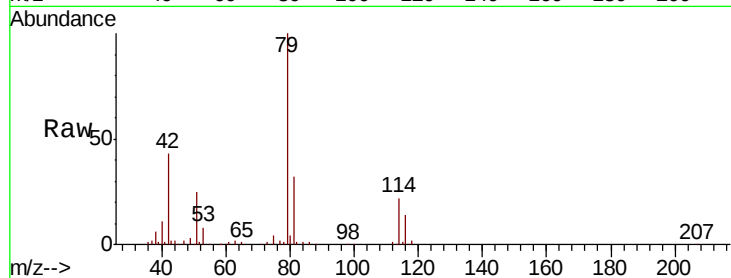
DB7C7

Tot Ion: 75 Resp: 4141

Ion Ratio Lower Upper

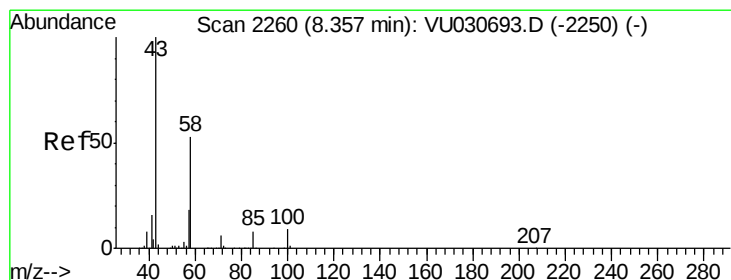
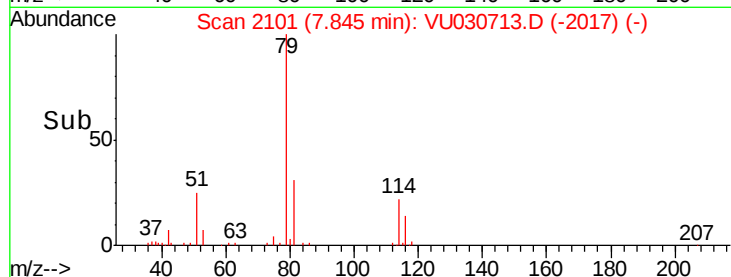
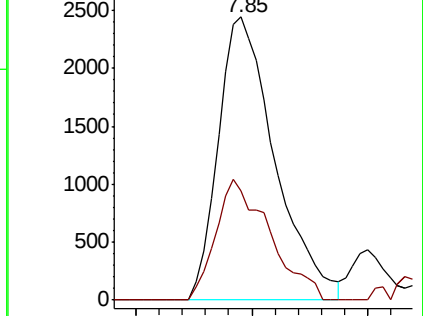
75 100

77 38.8 21.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VU030713.D (-2101) (-)

Ion 77.00 (76.70 to 77.70): VU030713.D (-2101) (-)



#48

2-Hexanone

Concen: 1.355 ug/L

RT: 8.37 min Scan# 2265

Delta R.T. 0.02 min

Lab File: VU030713.D

Acq: 05 Apr 2019 03:03

Tgt Ion: 43 Resp: 7858

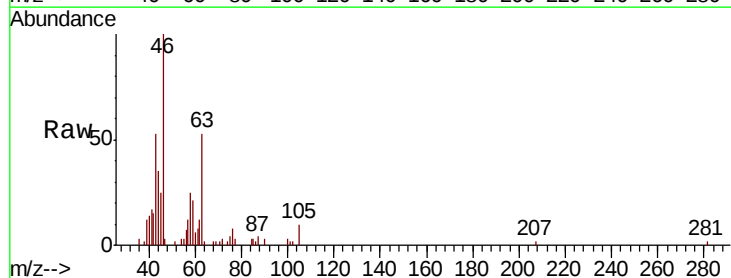
Ion Ratio Lower Upper

43 100

58 7.7 41.9 62.9#

57 11.0 14.3 21.5#

100 1.9 7.1 10.7#

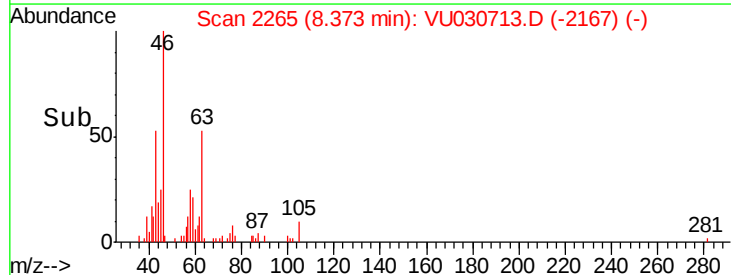
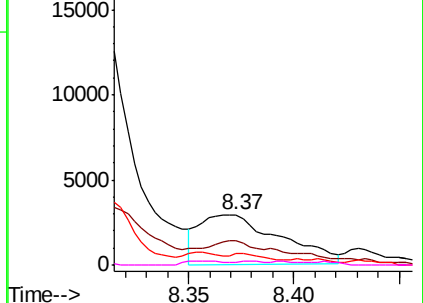


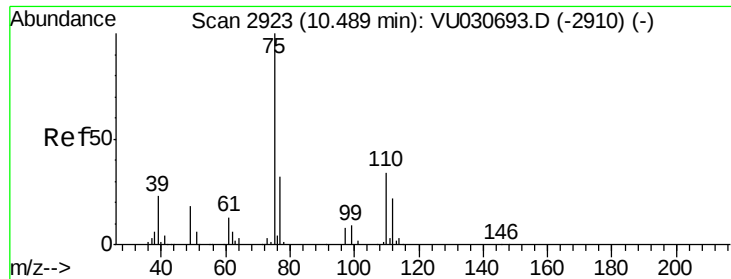
Abundance Ion 43.00 (42.70 to 43.70): VU030713.D (-2265) (-)

Ion 58.00 (57.70 to 58.70): VU030713.D (-2265) (-)

Ion 57.00 (56.70 to 57.70): VU030713.D (-2265) (-)

Ion 100.00 (99.70 to 100.70): VU030713.D (-2265) (-)





#59

1,2,3-Trichloropropane

Concen: 4.757 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030713.D

Acq: 05 Apr 2019 03:03

Instrument :

MSVOA_U

ClientSampleId :

DB7C7

Tot Ion: 75 Resp: 26325

Ion Ratio Lower Upper

75 100

77 37.9 26.1 39.1

