

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
 Data File : VU030711.D
 Acq On : 05 Apr 2019 02:17
 Operator : JC/SP
 Sample : K2276-19 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1B9

Quant Time: Apr 05 04:39:07 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	508842	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	494551	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	211395	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	250190	55.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	110.16%
7) Chloroethane-d5	1.68	69	190213	55.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.34%
11) 1,1-Dichloroethene-d2	2.27	63	331907	40.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.80%
21) 2-Butanone-d5	4.17	46	371275	103.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.13%
24) Chloroform-d	4.64	84	334602	48.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.44%
26) 1,2-Dichloroethane-d4	5.31	65	243656	51.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.92%
32) Benzene-d6	5.34	84	753981	52.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.44%
36) 1,2-Dichloropropane-d6	6.32	67	255340	51.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.22%
41) Toluene-d8	7.56	98	668574	52.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.48%
43) trans-1,3-Dichloropropene-	7.85	79	111971	49.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.26%
47) 2-Hexanone-d5	8.31	63	232961	103.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	332527	49.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.64%
64) 1,2-Dichlorobenzene-d4	11.85	152	222734	53.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.16%

Target Compounds

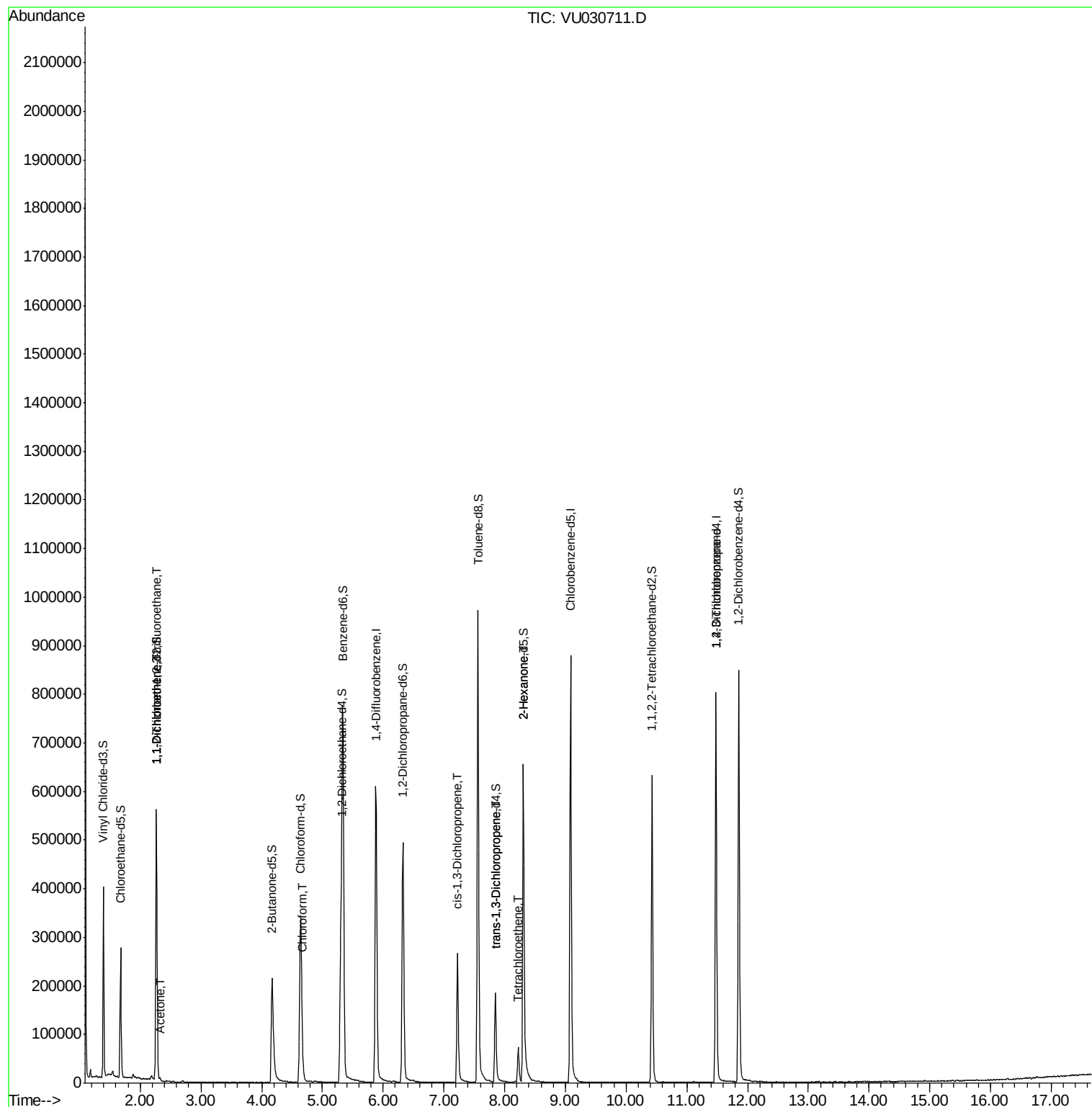
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3175	0.871	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	2264	0.644	ug/L #	1
13) Acetone	2.32	43	2583	0.701	ug/L	57
25) Chloroform	4.67	83	29829	3.851	ug/L	99
39) cis-1,3-Dichloropropene	7.22	75	6321	0.969	ug/L #	74
44) trans-1,3-Dichloropropene	7.85	75	4273	0.743	ug/L	98
46) Tetrachloroethene	8.22	164	16574	5.743	ug/L	96
48) 2-Hexanone	8.31	43	29123	5.065	ug/L #	70
59) 1,2,3-Trichloropropane	11.48	75	27344	4.982	ug/L	95

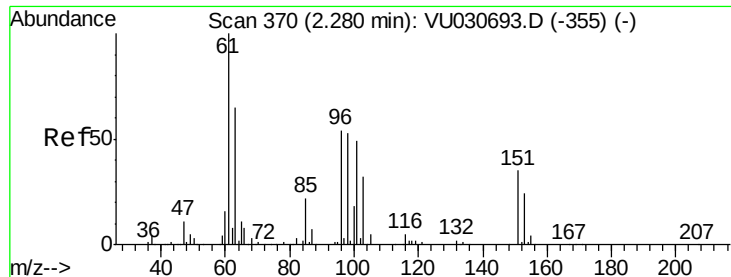
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU040519\
Data File : VU030711.D
Acq On : 05 Apr 2019 02:17
Operator : JC/SP
Sample : K2276-19 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1B9

Quant Time: Apr 05 04:39:07 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
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: 0.871 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU030711.D

Acq: 05 Apr 2019 02:17

Instrument :

MSVOA_U

ClientSampled :

BF1B9

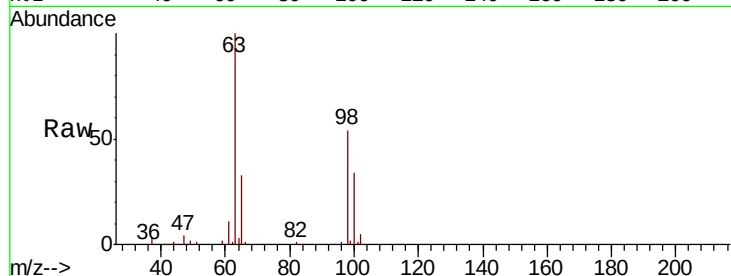
Tot Ion:101 Resp: 3175

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

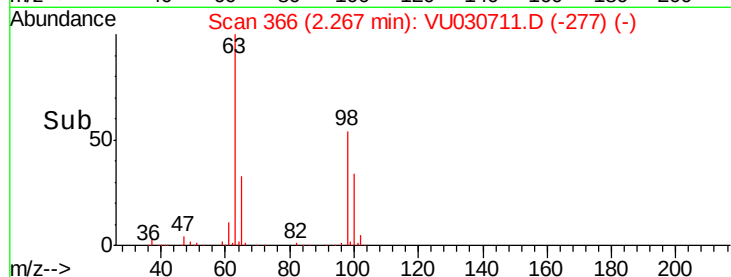
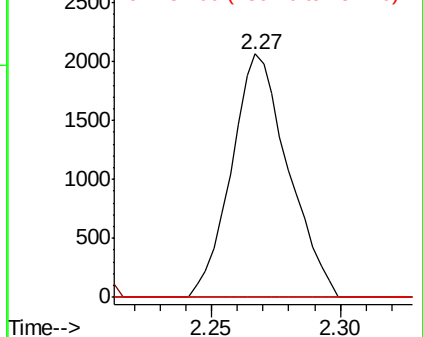
151 0.0 57.4 86.0#



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: 0.644 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030711.D

Acq: 05 Apr 2019 02:17

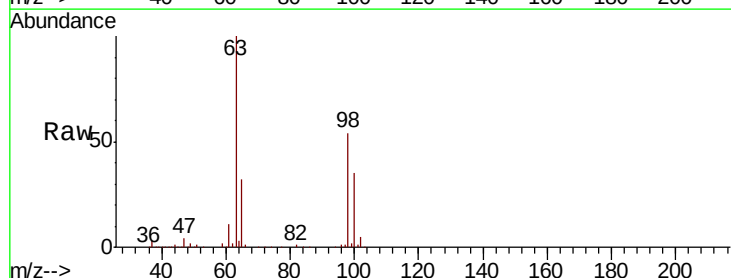
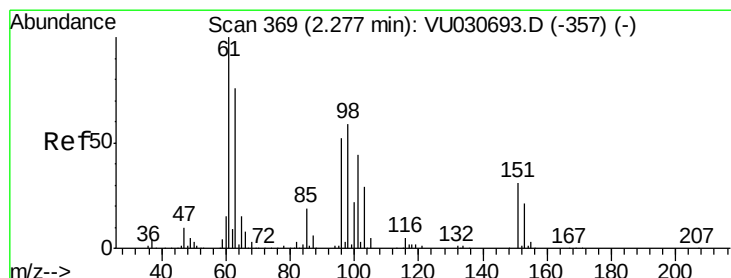
Tgt Ion: 96 Resp: 2264

Ion Ratio Lower Upper

96 100

61 1412.1 132.0 245.2#

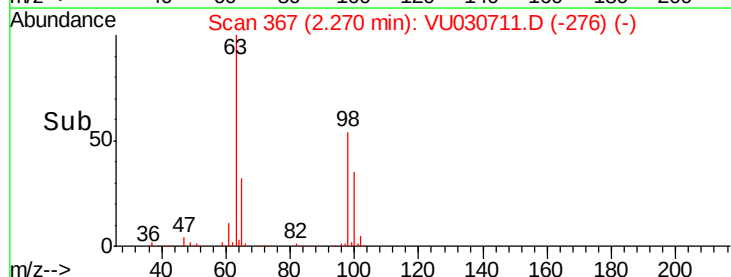
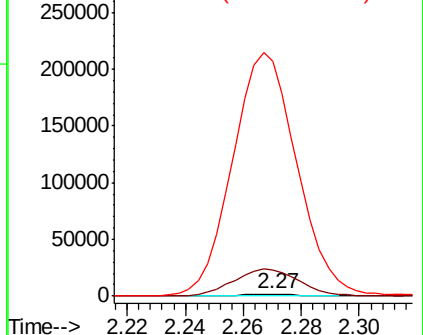
63 12501.7 90.9 168.9#

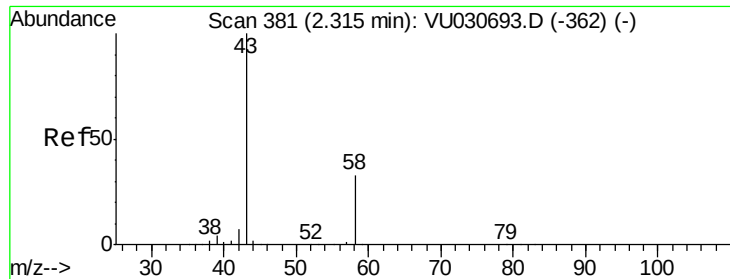


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.701 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

Lab File: VU030711.D

Acq: 05 Apr 2019 02:17

Instrument :

MSVOA_U

ClientSampleId :

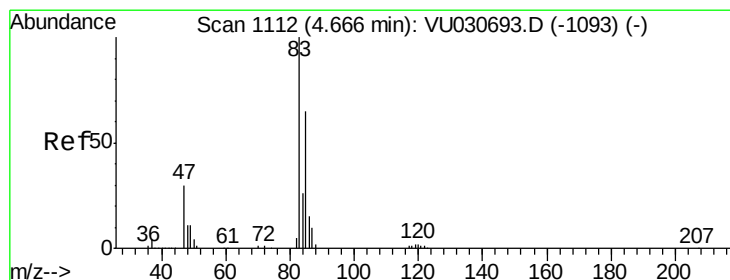
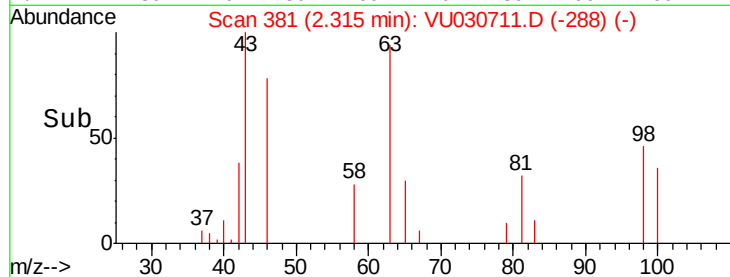
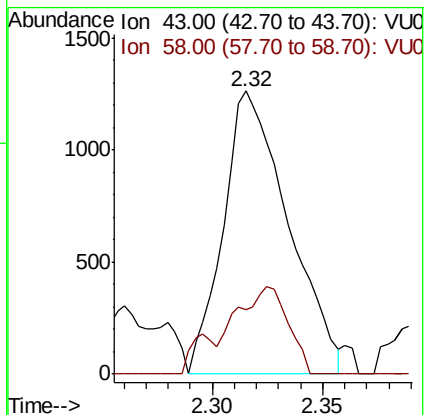
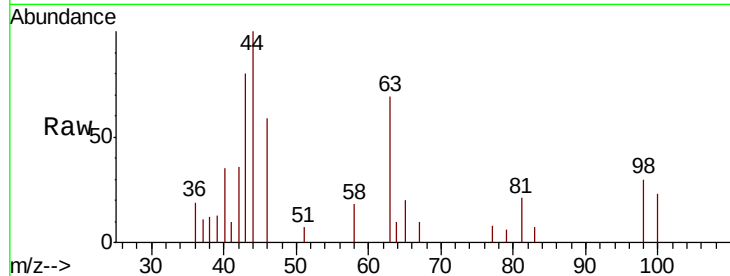
BF1B9

Tot Ion: 43 Resp: 2583

Ion Ratio Lower Upper

43 100

58 7.8 0.0 64.0



#25

Chloroform

Concen: 3.851 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VU030711.D

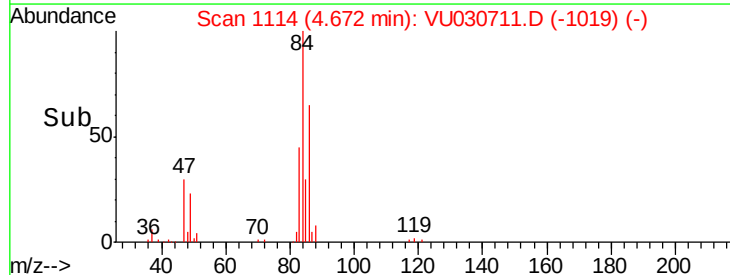
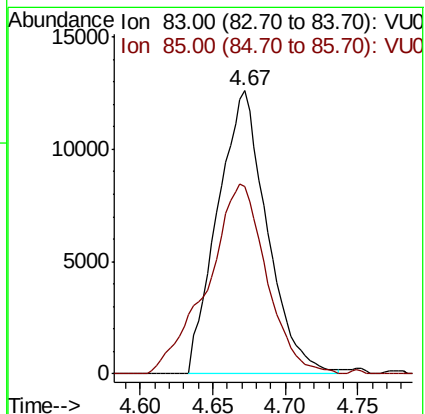
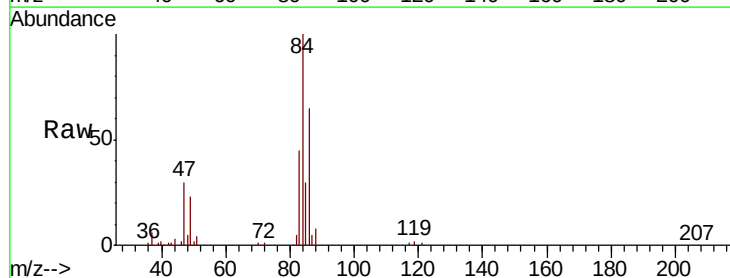
Acq: 05 Apr 2019 02:17

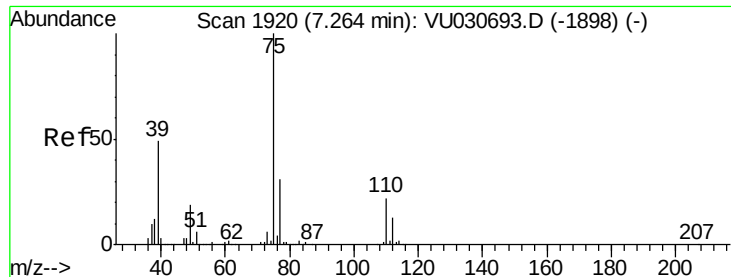
Tgt Ion: 83 Resp: 29829

Ion Ratio Lower Upper

83 100

85 66.0 45.8 85.0





#39

cis-1,3-Dichloropropene

Concen: 0.969 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU030711.D

Acq: 05 Apr 2019 02:17

Instrument :

MSVOA_U

ClientSampleId :

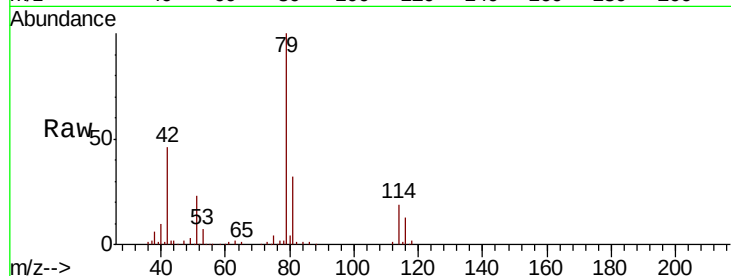
BF1B9

Tot Ion: 75 Resp: 6321

Ion Ratio Lower Upper

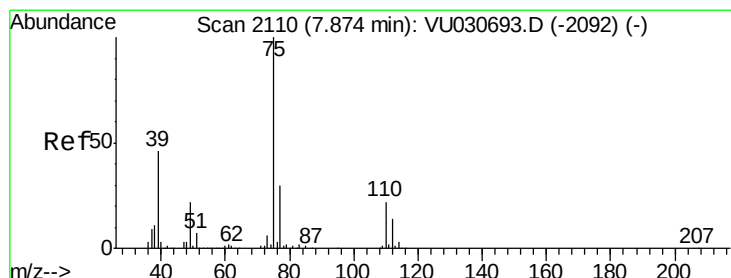
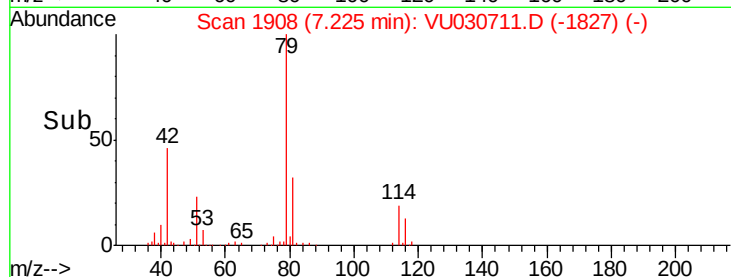
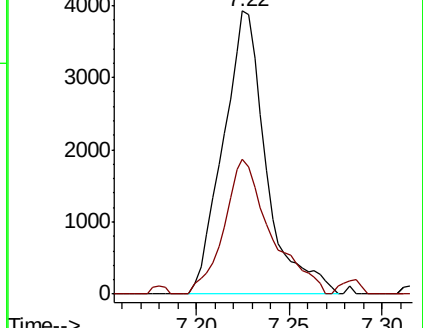
75 100

77 47.9 23.1 42.9#



Abundance Ion 75.00 (74.70 to 75.70): VU030711.D (-1827) (-)

Ion 77.00 (76.70 to 77.70): VU030711.D (-1827) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.743 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU030711.D

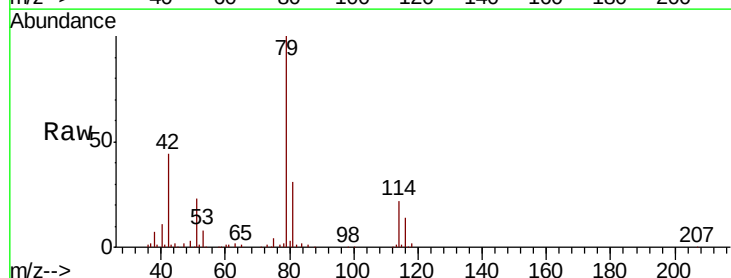
Acq: 05 Apr 2019 02:17

Tgt Ion: 75 Resp: 4273

Ion Ratio Lower Upper

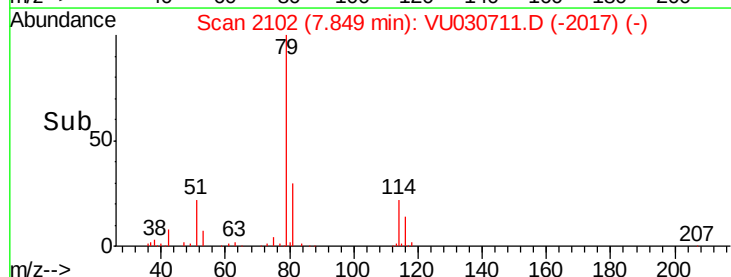
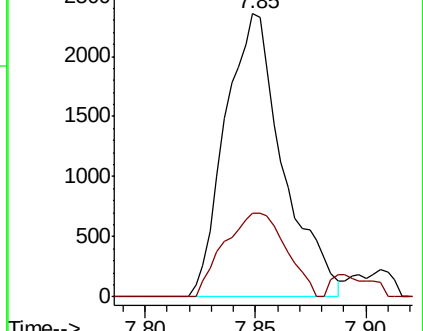
75 100

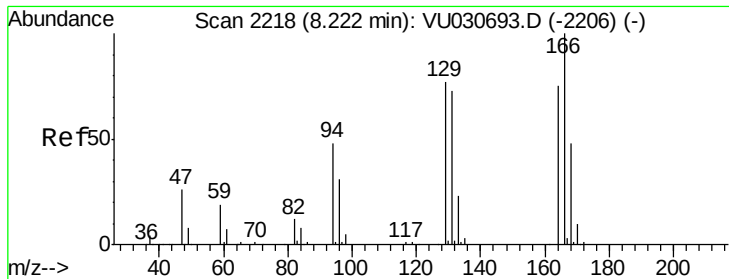
77 29.4 21.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VU030711.D (-2017) (-)

Ion 77.00 (76.70 to 77.70): VU030711.D (-2017) (-)





#46

Tetrachloroethene

Concen: 5.743 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU030711.D

Acq: 05 Apr 2019 02:17

Instrument :

MSVOA_U

ClientSampleId :

BF1B9

Tot Ion:164 Resp: 16574

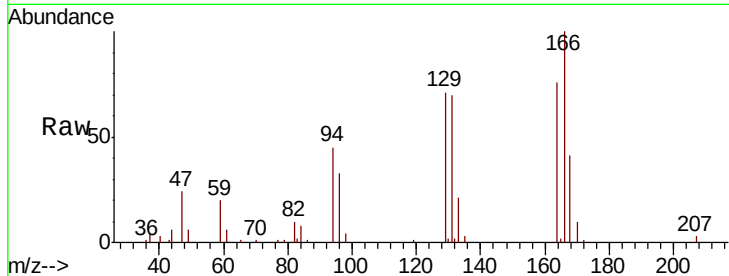
Ion Ratio Lower Upper

164 100

129 92.7 67.4 125.2

131 91.4 65.9 122.5

166 131.4 88.6 164.6

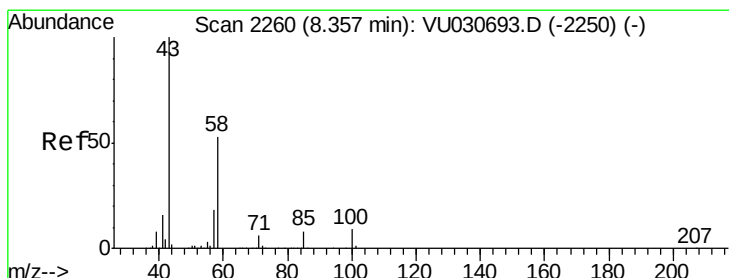
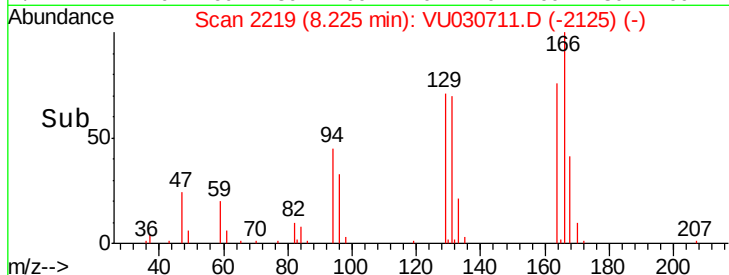
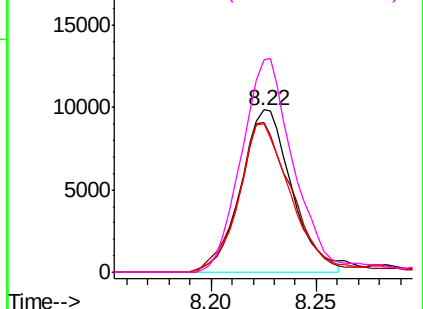


Abundance Ion 164.00 (163.70 to 164.70): V

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: 5.065 ug/L

RT: 8.31 min Scan# 2245

Delta R.T. -0.05 min

Lab File: VU030711.D

Acq: 05 Apr 2019 02:17

Tgt Ion: 43 Resp: 29123

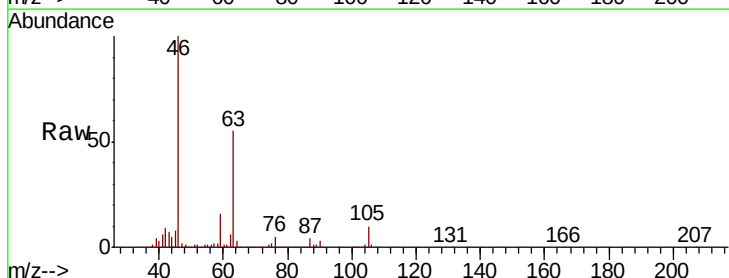
Ion Ratio Lower Upper

43 100

58 26.9 41.9 62.9#

57 23.8 14.3 21.5#

100 0.3 7.1 10.7#

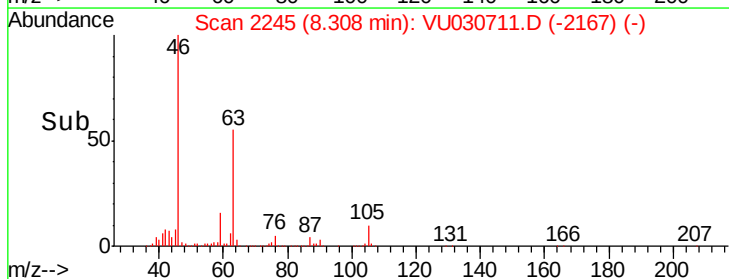
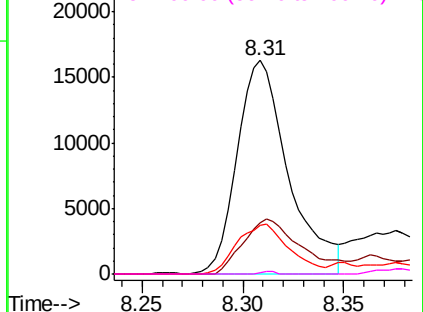


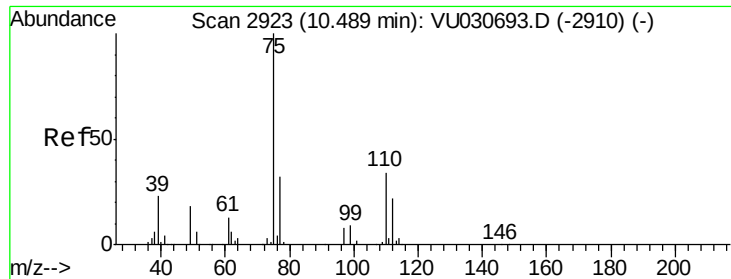
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 4.982 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030711.D

Acq: 05 Apr 2019 02:17

Instrument :

MSVOA_U

ClientSampleId :

BF1B9

Tot Ion: 75 Resp: 27344

Ion Ratio Lower Upper

75 100

77 35.6 26.1 39.1

