

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041319\
 Data File : VU031162.D
 Acq On : 13 Apr 2019 17:27
 Operator : JC/SP
 Sample : K2341-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB735

Quant Time: Apr 13 22:31:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 13 22:25:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	467779	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	407268	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	156696	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	192961	46.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.42%
7) Chloroethane-d5	1.68	69	152589	48.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.30%
11) 1,1-Dichloroethene-d2	2.27	63	265447	35.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.30%
21) 2-Butanone-d5	4.17	46	320022	96.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.70%
24) Chloroform-d	4.64	84	327380	51.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.64%
26) 1,2-Dichloroethane-d4	5.31	65	221786	50.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.92%
32) Benzene-d6	5.34	84	651553	54.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.60%
36) 1,2-Dichloropropane-d6	6.32	67	222696	54.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.32%
41) Toluene-d8	7.56	98	501373	47.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.16%
43) trans-1,3-Dichloropropene-	7.85	79	84761	45.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.24%
47) 2-Hexanone-d5	8.31	63	168751	90.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.62%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	273079	49.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.38%
64) 1,2-Dichlorobenzene-d4	11.86	152	171416	55.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.24%

Target Compounds

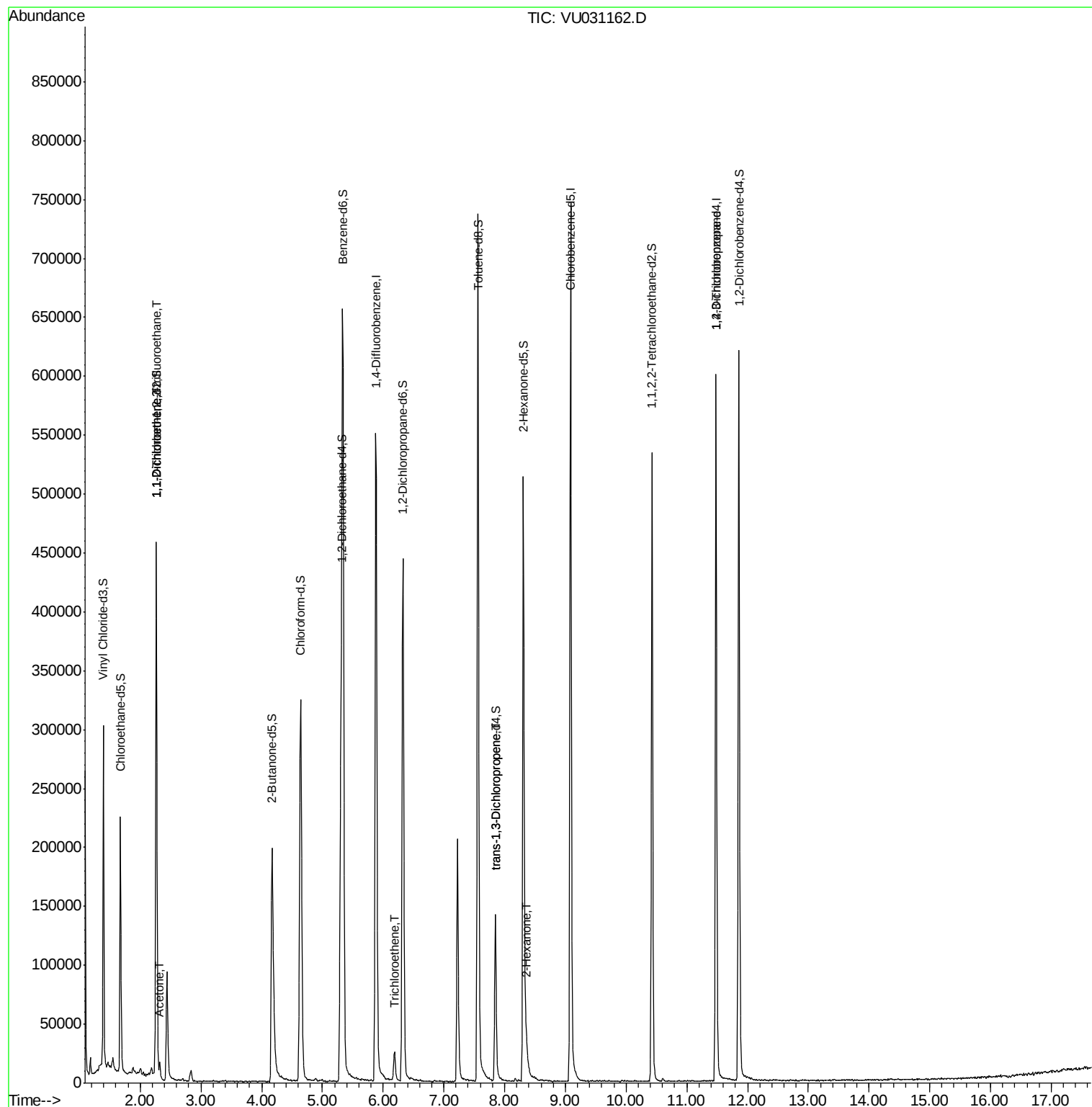
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2245	0.670 ug/L #	20
12) 1,1-Dichloroethene	2.27	96	1868	0.578 ug/L #	1
13) Acetone	2.32	43	12929	3.818 ug/L	98
34) Trichloroethene	6.19	95	8751	2.677 ug/L	96
44) trans-1,3-Dichloropropene	7.85	75	3907	0.825 ug/L #	48
48) 2-Hexanone	8.36	43	7696	1.625 ug/L #	85
59) 1,2,3-Trichloropropane	11.48	75	18401	4.071 ug/L	96

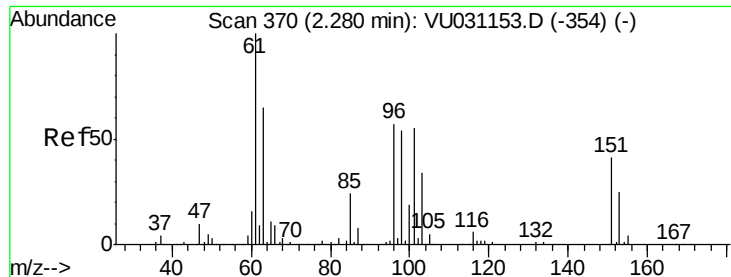
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU041319\
Data File : VU031162.D
Acq On : 13 Apr 2019 17:27
Operator : JC/SP
Sample : K2341-13
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB735

Quant Time: Apr 13 22:31:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 22:25:59 2019
Response via : Initial Calibration





#10

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

Concen: 0.670 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: VU031162.D

Acq: 13 Apr 2019 17:27

Instrument :

MSVOA_U

ClientSampleId :

DB735

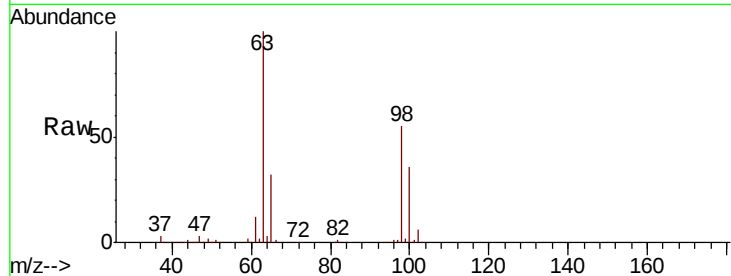
Tot Ion:101 Resp: 2245

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

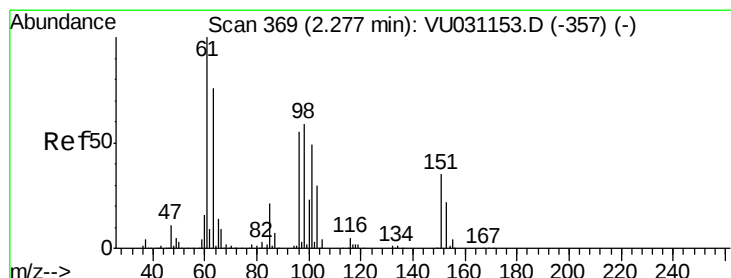
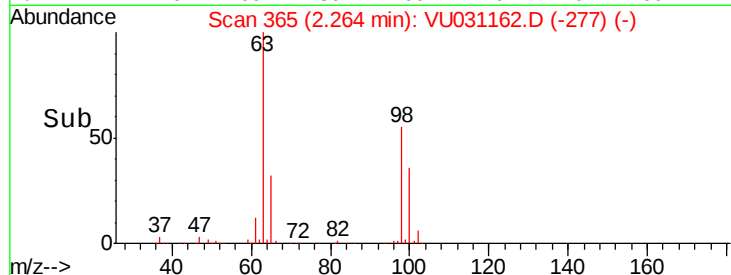
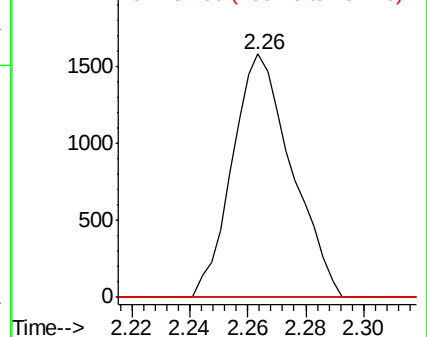
151 0.0 57.4 86.0#



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: 0.578 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031162.D

Acq: 13 Apr 2019 17:27

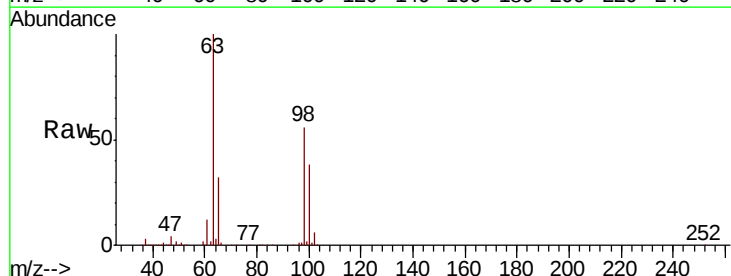
Tgt Ion: 96 Resp: 1868

Ion Ratio Lower Upper

96 100

61 1397.7 132.0 245.2#

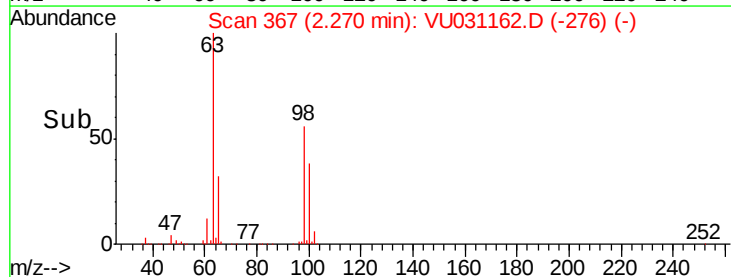
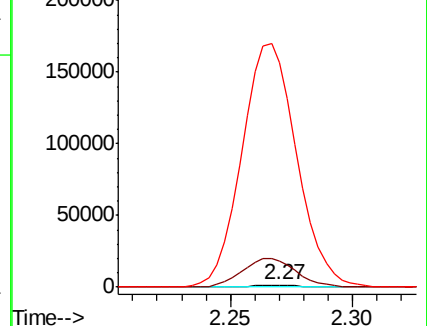
63 12089.4 90.9 168.9#

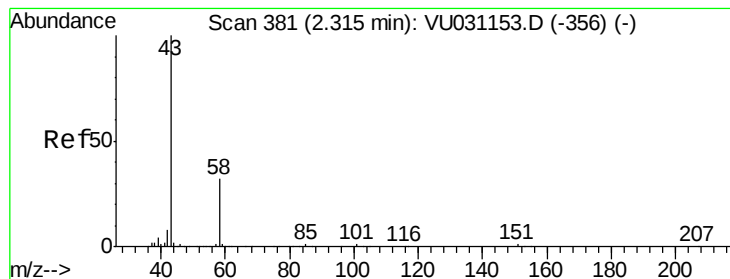


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 3.818 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

Lab File: VU031162.D

Acq: 13 Apr 2019 17:27

Instrument :

MSVOA_U

ClientSampleId :

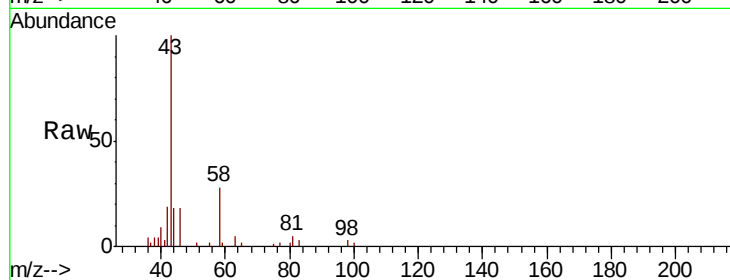
DB735

Tot Ion: 43 Resp: 12929

Ion Ratio Lower Upper

43 100

58 33.1 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU031153.D (-356) (-)

Ion 58.00 (57.70 to 58.70): VU031153.D (-356) (-)

2.32

8000

6000

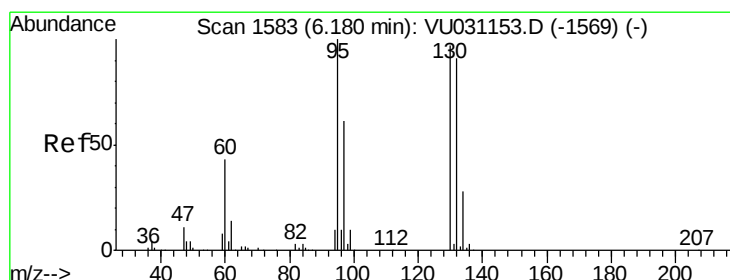
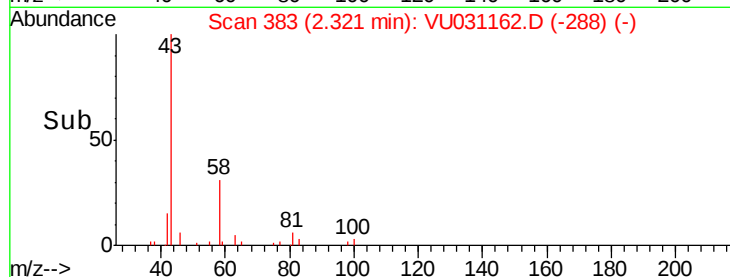
4000

2000

0

Time-->

2.25 2.30 2.35 2.40



#34

Trichloroethene

Concen: 2.677 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU031162.D

Acq: 13 Apr 2019 17:27

Tgt Ion: 95 Resp: 8751

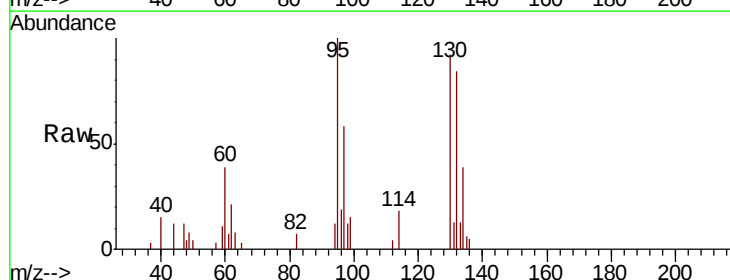
Ion Ratio Lower Upper

95 100

97 57.7 44.5 82.7

132 84.0 61.5 114.1

130 92.1 64.9 120.5



Abundance Ion 95.00 (94.70 to 95.70): VU031153.D (-1569) (-)

Ion 97.00 (96.70 to 97.70): VU031153.D (-1569) (-)

Ion 132.00 (131.70 to 132.70): VU031153.D (-1569) (-)

Ion 130.00 (129.70 to 130.70): VU031153.D (-1569) (-)

6000

5000

4000

3000

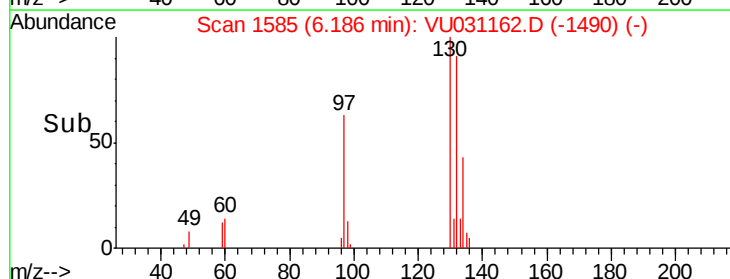
2000

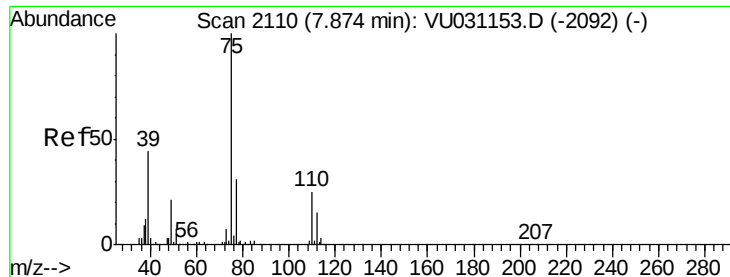
1000

0

Time-->

6.15 6.20 6.25





#44

trans-1,3-Dichloropropene

Concen: 0.825 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031162.D

Acq: 13 Apr 2019 17:27

Instrument :

MSVOA_U

ClientSampleId :

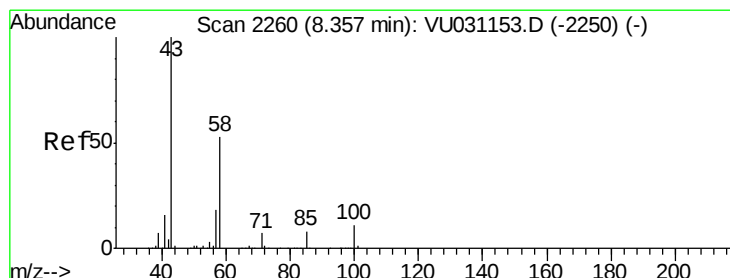
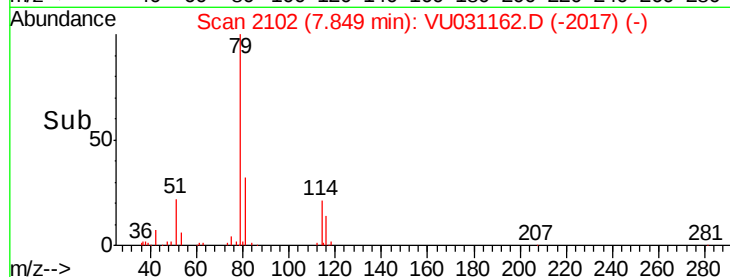
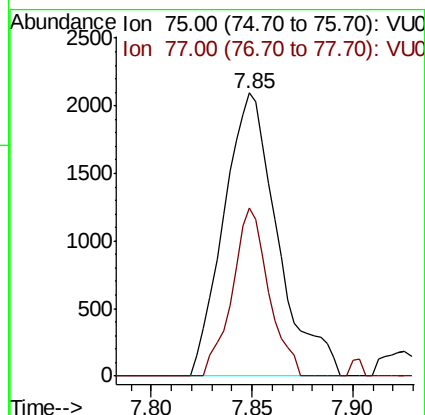
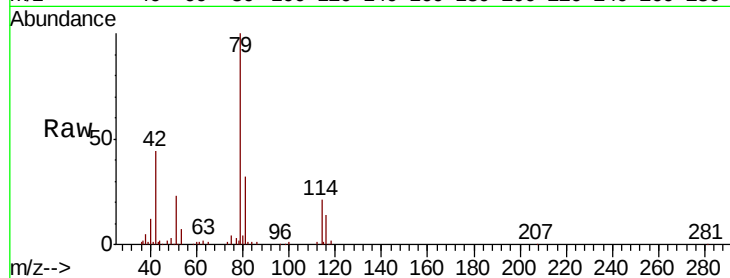
DB735

Tot Ion: 75 Resp: 3907

Ion Ratio Lower Upper

75 100

77 59.5 21.6 40.0#



#48

2-Hexanone

Concen: 1.625 ug/L

RT: 8.36 min Scan# 2261

Delta R.T. 0.00 min

Lab File: VU031162.D

Acq: 13 Apr 2019 17:27

Tgt Ion: 43 Resp: 7696

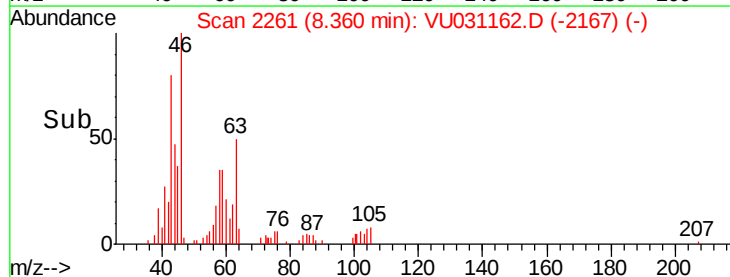
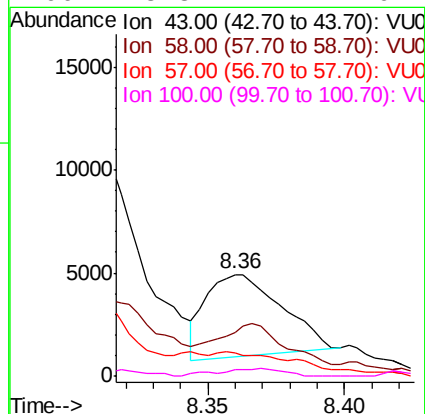
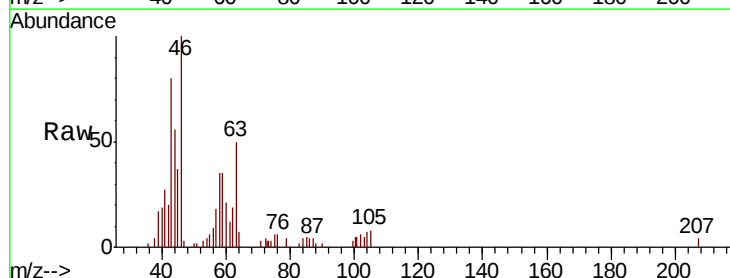
Ion Ratio Lower Upper

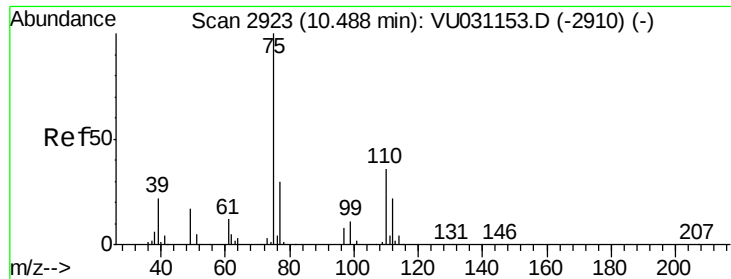
43 100

58 42.7 41.9 62.9

57 7.9 14.3 21.5#

100 5.8 7.1 10.7#





#59

1,2,3-Trichloropropane

Concen: 4.071 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031162.D

Acq: 13 Apr 2019 17:27

Instrument :

MSVOA_U

ClientSampleId :

DB735

Tot Ion: 75 Resp: 18401

Ion Ratio Lower Upper

75 100

77 35.0 26.1 39.1

