

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\
 Data File : VU030966.D
 Acq On : 09 Apr 2019 18:57
 Operator : JC/SP
 Sample : K2286-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZD9

Quant Time: Apr 10 02:01:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 10 01:53:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	218077	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	220959	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	87150	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	80584	4.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.60%
7) Chloroethane-d5	1.68	69	76750	5.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.20%
11) 1,1-Dichloroethene-d2	2.27	63	126532	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	4.19	46	278012	64.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.48%
24) Chloroform-d	4.64	84	148458	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	5.31	65	93358	6.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	124.40%
32) Benzene-d6	5.33	84	288438	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.33	67	104597	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.56	98	230459	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	7.85	79	34811	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	8.31	63	173258	54.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.96%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	88881	6.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	127.20%#
64) 1,2-Dichlorobenzene-d4	11.86	152	81976	5.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.40%

Target Compounds

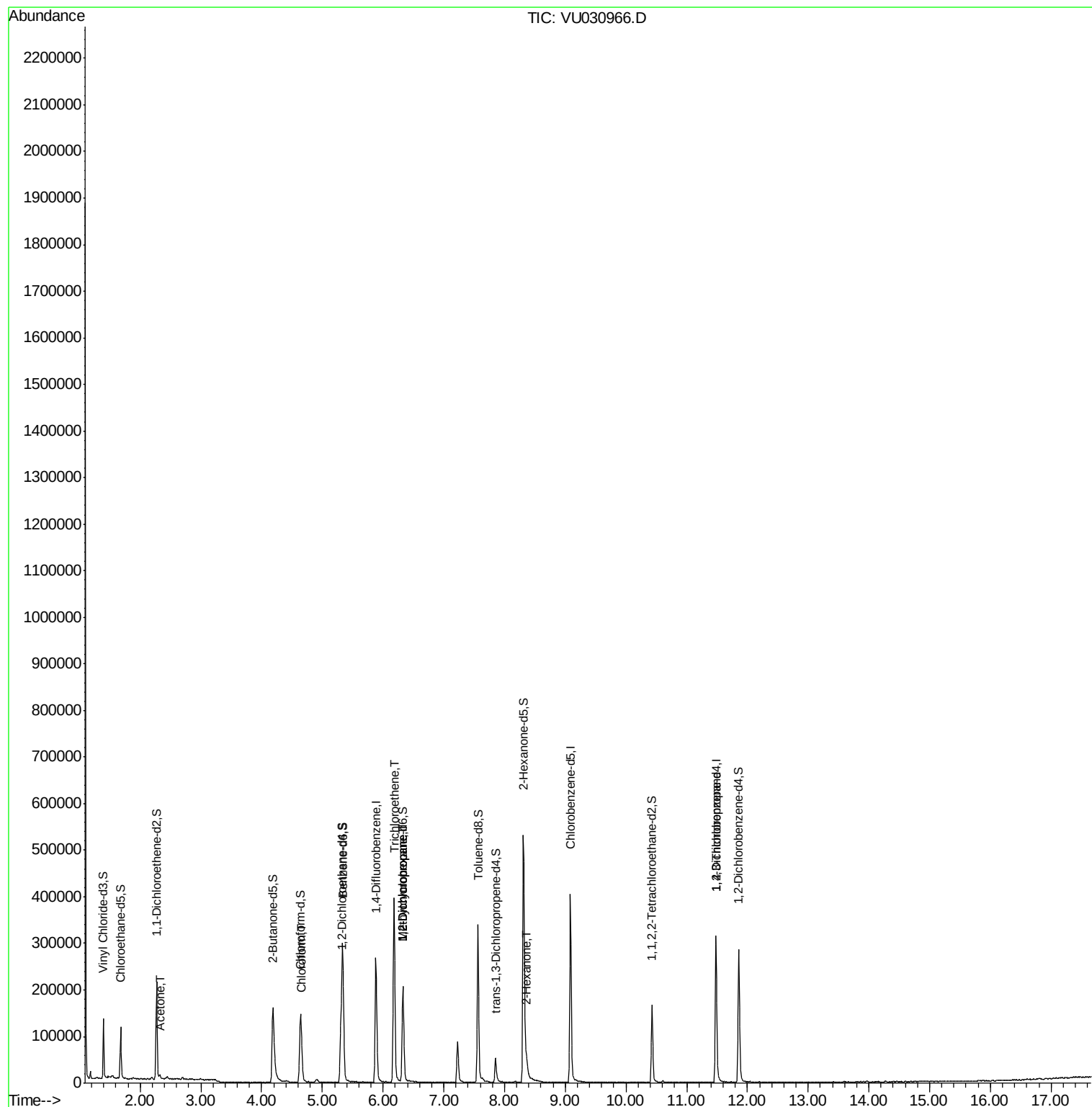
					Ovalue
13) Acetone	2.32	43	7051	2.124	ug/L 94
25) Chloroform	4.67	83	14243	0.440	ug/L 97
34) Trichloroethene	6.18	95	142297	7.605	ug/L 95
35) Methylcyclohexane	6.33	83	22920	0.768	ug/L # 14
37) 1,2-Dichloropropane	6.33	63	11055	0.537	ug/L # 92
48) 2-Hexanone	8.36	43	13699	1.541	ug/L # 93
59) 1,2,3-Trichloropropane	11.48	75	9904	0.862	ug/L # 84

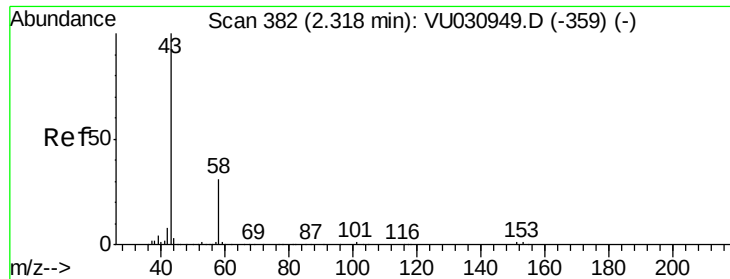
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.124 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030966.D

Acq: 09 Apr 2019 18:57

Instrument :

MSVOA_U

ClientSampleId :

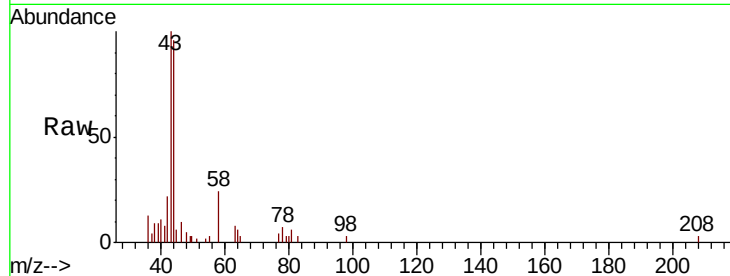
BEZD9

Tot Ion: 43 Resp: 7051

Ion Ratio Lower Upper

43 100

58 27.9 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU030949.D (-359) (-)

Ion 58.05 (57.75 to 58.75): VU030949.D (-359) (-)

2.32

5000

4000

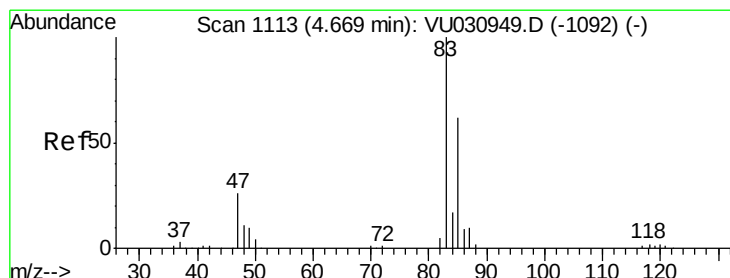
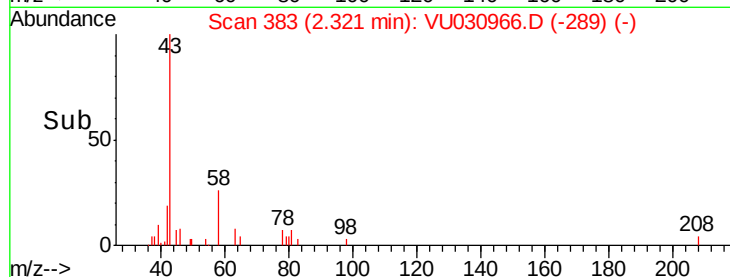
3000

2000

1000

0

Time--> 2.25 2.30 2.35



#25

Chloroform

Concen: 0.440 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VU030966.D

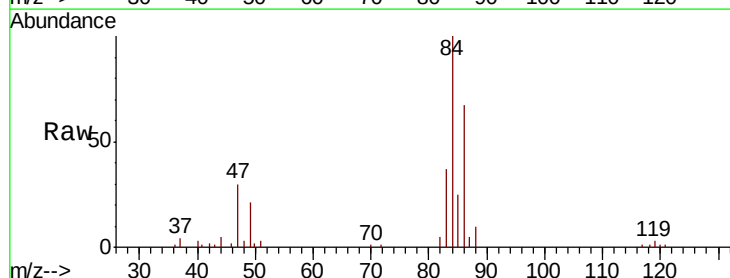
Acq: 09 Apr 2019 18:57

Tgt Ion: 83 Resp: 14243

Ion Ratio Lower Upper

83 100

85 65.7 44.2 82.2



Abundance Ion 83.05 (82.75 to 83.75): VU030949.D (-1092) (-)

Ion 85.00 (84.70 to 85.70): VU030949.D (-1092) (-)

4.67

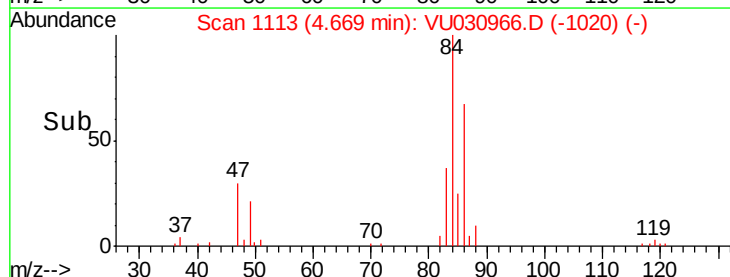
6000

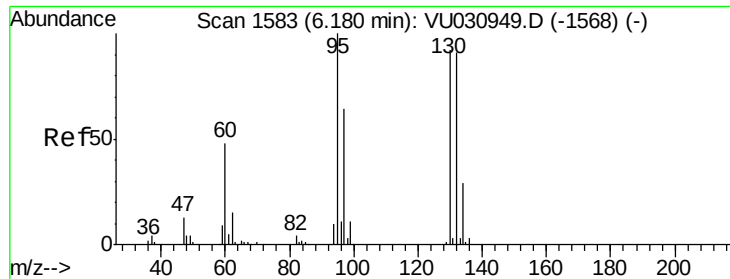
4000

2000

0

Time--> 4.60 4.65 4.70 4.75





#34

Trichloroethene

Concen: 7.605 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU030966.D

Acq: 09 Apr 2019 18:57

Instrument :

MSVOA_U

ClientSampleId :

BEZD9

Tot Ion: 95 Resp: 142297

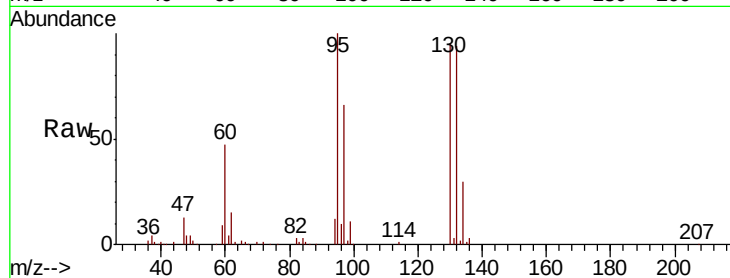
Ion Ratio Lower Upper

95 100

97 66.4 43.5 80.9

132 94.0 60.7 112.7

130 95.4 65.1 120.9

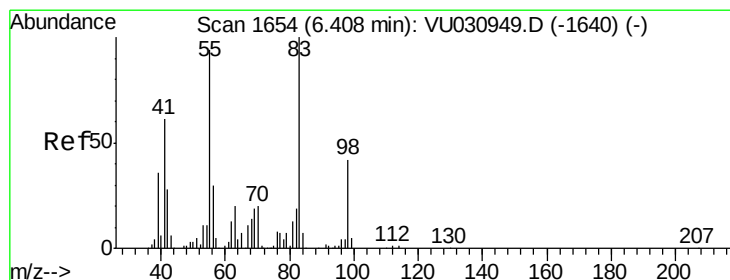
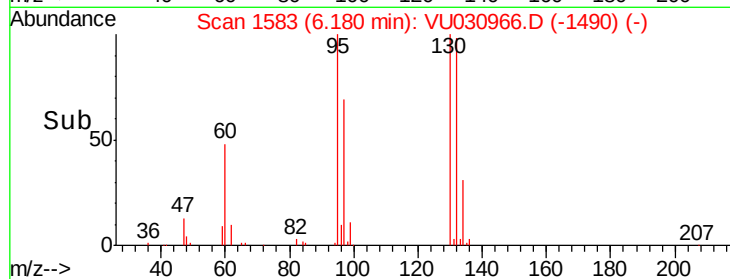
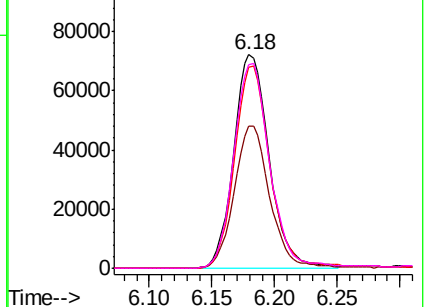


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.768 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU030966.D

Acq: 09 Apr 2019 18:57

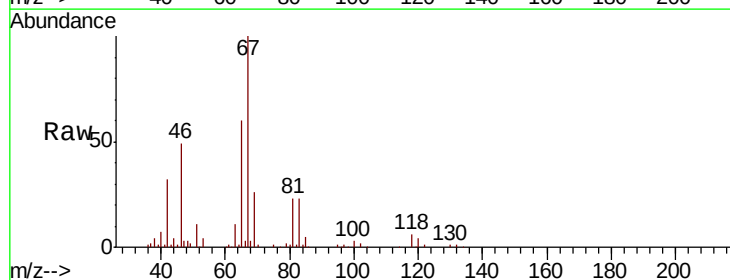
Tgt Ion: 83 Resp: 22920

Ion Ratio Lower Upper

83 100

55 0.4 72.6 108.8#

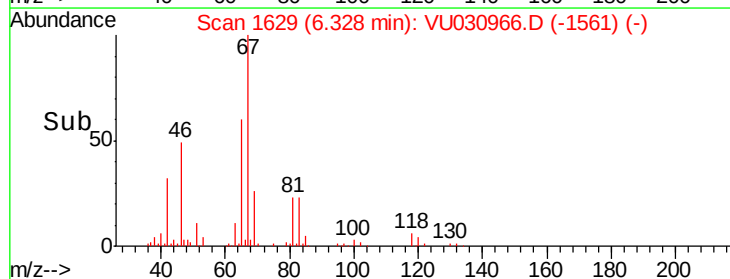
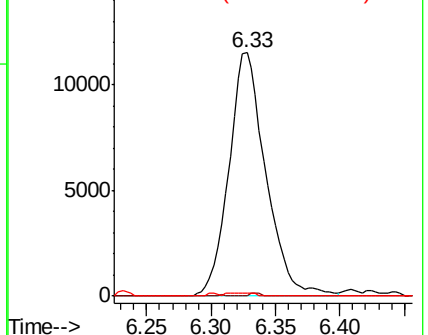
98 0.5 35.0 52.6#

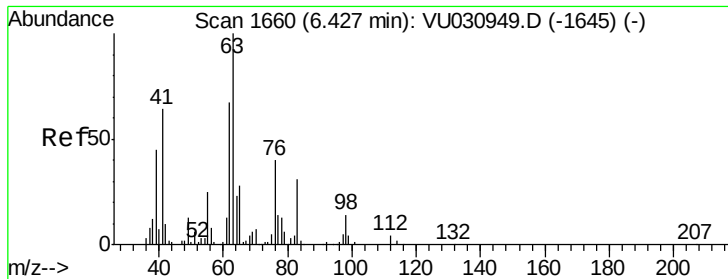


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

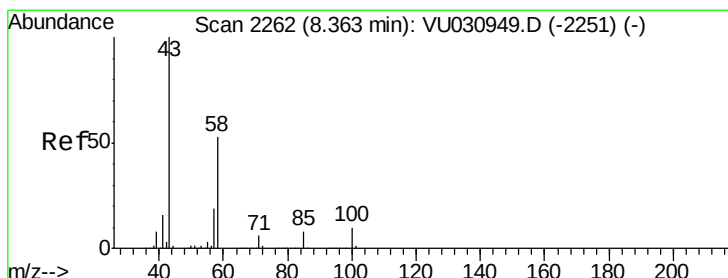
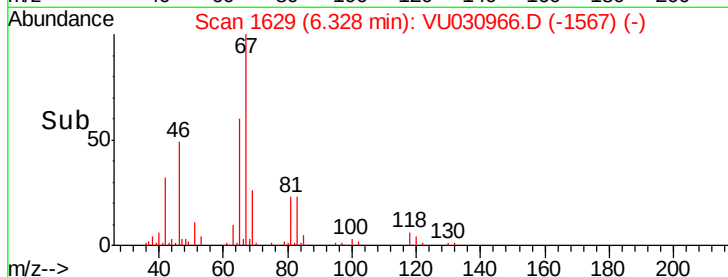
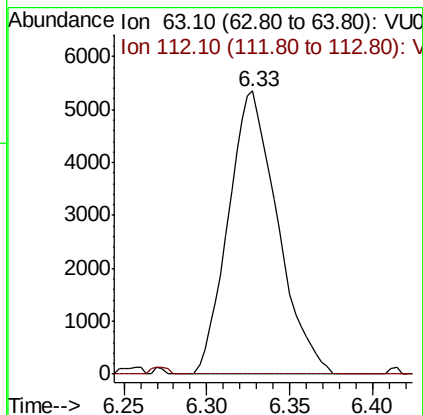
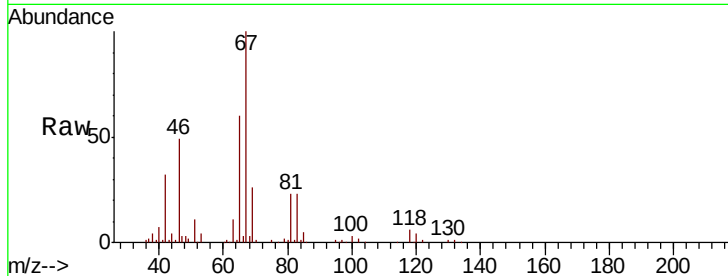




#37
 1,2-Dichloropropane
 Concen: 0.537 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU030966.D
 Acq: 09 Apr 2019 18:57

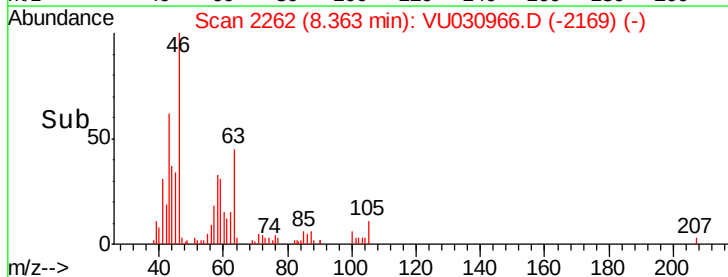
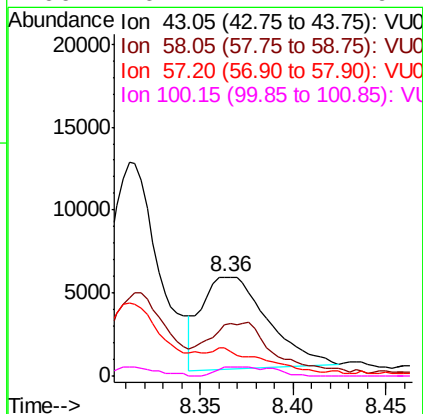
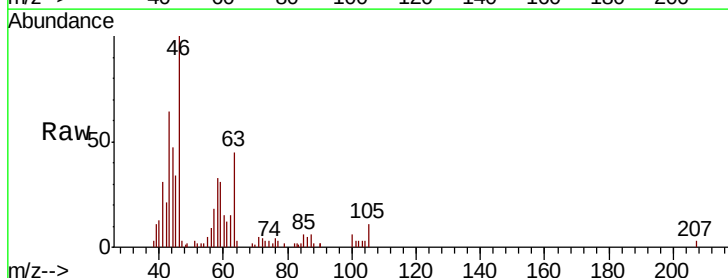
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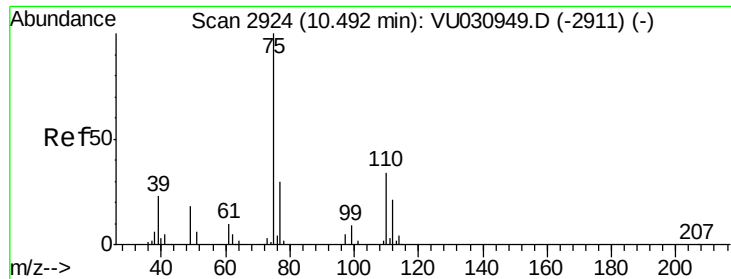
Tot Ion: 63 Resp: 11055
 Ion Ratio Lower Upper
 63 100
 112 0.8 2.8 4.2#



#48
 2-Hexanone
 Concen: 1.541 ug/L
 RT: 8.36 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: VU030966.D
 Acq: 09 Apr 2019 18:57

Tgt Ion: 43 Resp: 13699
 Ion Ratio Lower Upper
 43 100
 58 57.9 42.5 63.7
 57 20.6 13.9 20.9
 100 6.1 7.1 10.7#





#59

1,2,3-Trichloropropane

Concen: 0.862 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030966.D

Acq: 09 Apr 2019 18:57

Instrument :

MSVOA_U

ClientSampleId :

BEZD9

Tot Ion: 75 Resp: 9904

Ion Ratio Lower Upper

75 100

77 41.0 25.6 38.4#

