

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\
 Data File : VU030956.D
 Acq On : 09 Apr 2019 14:31
 Operator : JC/SP
 Sample : K2286-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZF4

Quant Time: Apr 10 01:59:59 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	214023	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	224897	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	88604	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	76976	4.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.20%
7) Chloroethane-d5	1.68	69	72952	5.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.60%
11) 1,1-Dichloroethene-d2	2.27	63	125553	3.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.00%
20) 2-Butanone-d5	4.19	46	258143	61.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.50%
24) Chloroform-d	4.64	84	139217	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.31	65	88550	6.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.40%
32) Benzene-d6	5.33	84	282236	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.33	67	102677	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.56	98	216941	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	7.85	79	33186	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.31	63	160806	50.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.26%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	82494	5.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	79673	5.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.60%

Target Compounds

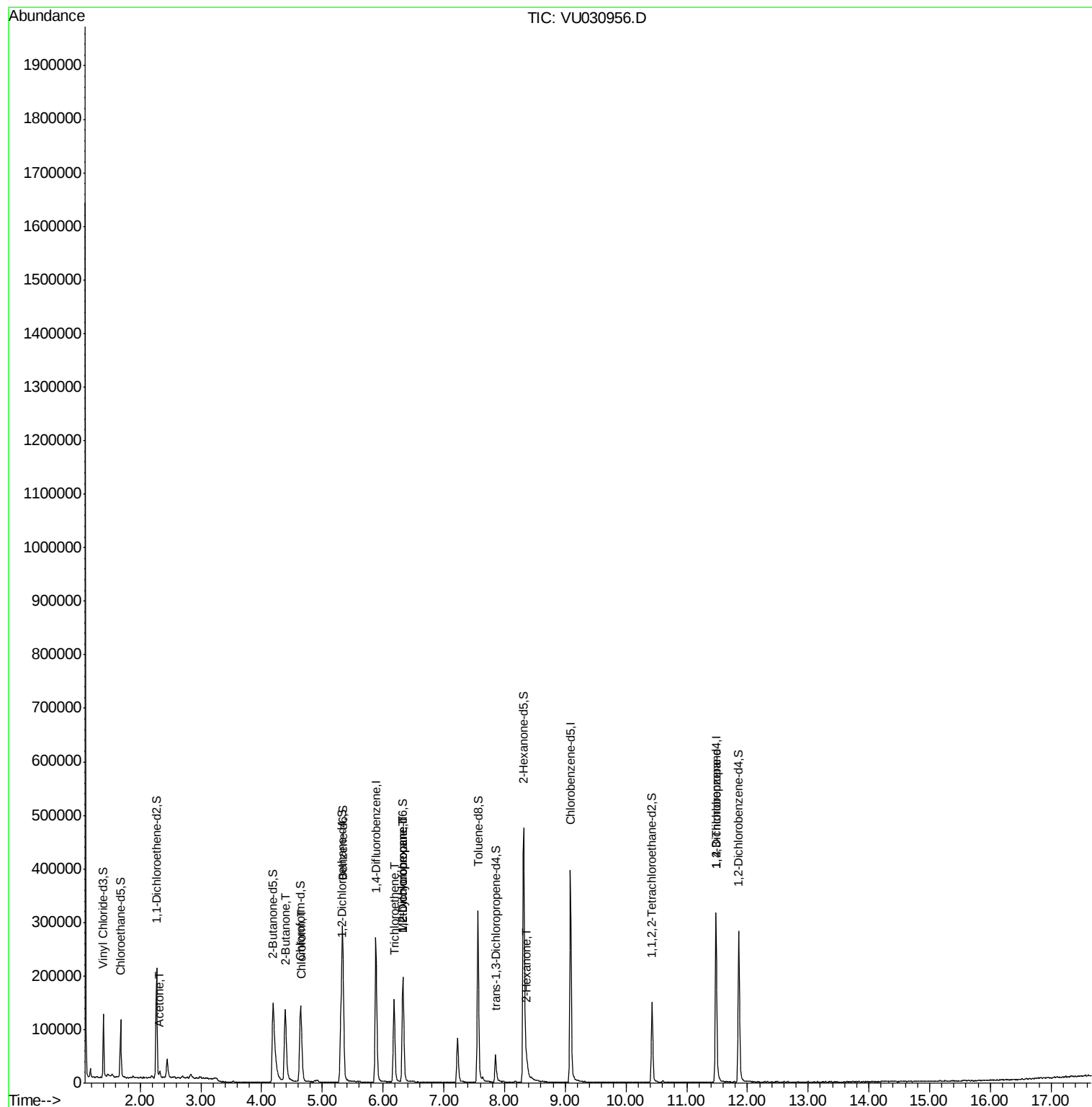
					Ovalue
13) Acetone	2.32	43	10434	3.202	ug/L 96
21) 2-Butanone	4.39	43	206633	40.016	ug/L # 54
25) Chloroform	4.67	83	18332	0.577	ug/L 93
34) Trichloroethene	6.18	95	56615	2.973	ug/L 99
35) Methylcyclohexane	6.33	83	23085	0.760	ug/L # 14
37) 1,2-Dichloropropane	6.32	63	10864	0.519	ug/L # 91
48) 2-Hexanone	8.36	43	10791	1.192	ug/L # 87
59) 1,2,3-Trichloropropane	11.48	75	10743	0.918	ug/L 90

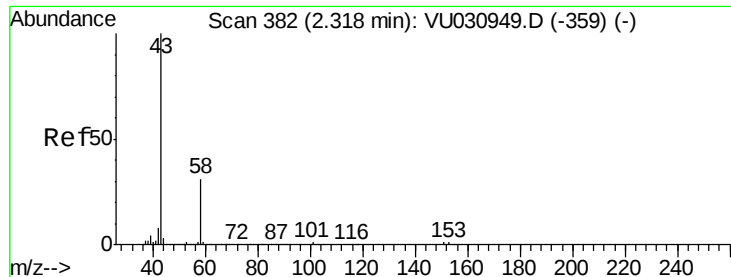
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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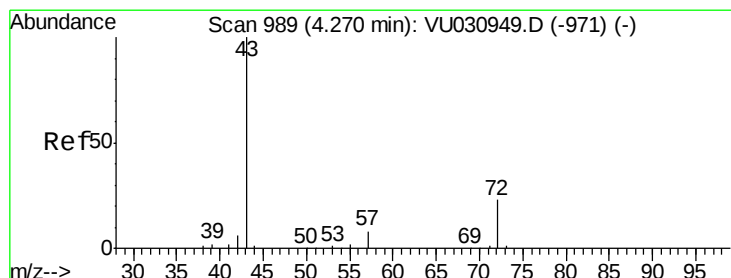
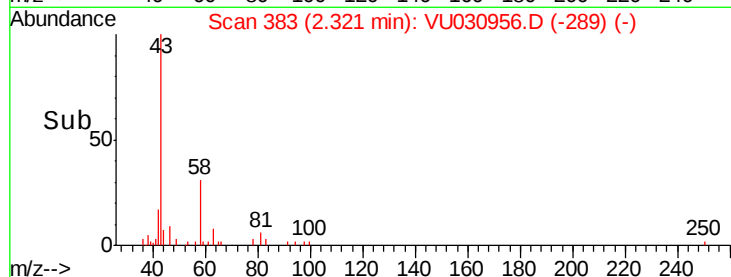
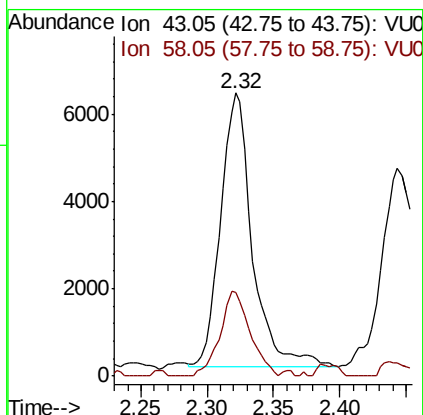
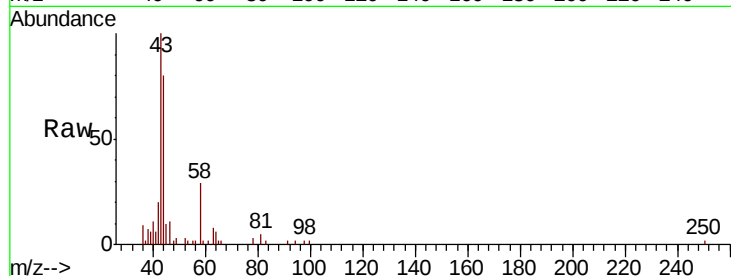




#13
Acetone
Concen: 3.202 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU030956.D
Acq: 09 Apr 2019 14:31

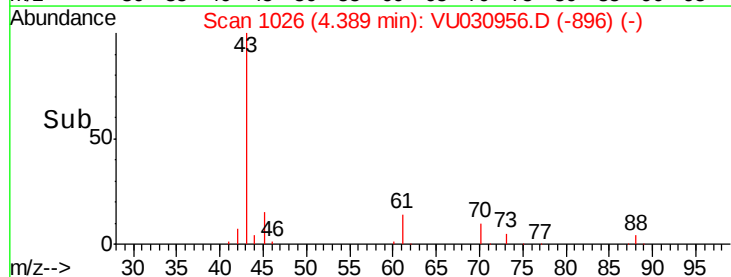
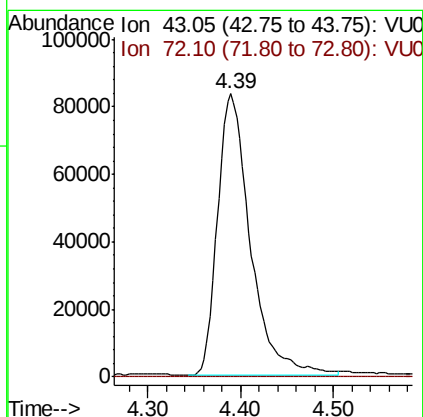
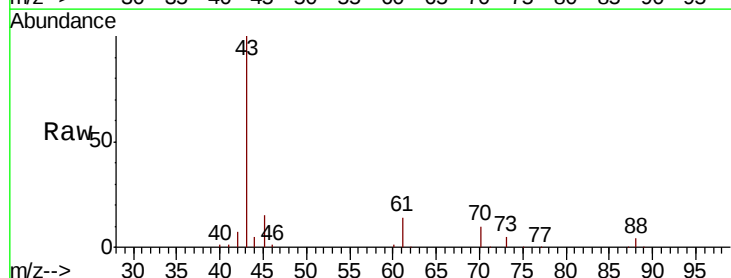
Instrument :
MSVOA_U
ClientSampleId :
BEZF4

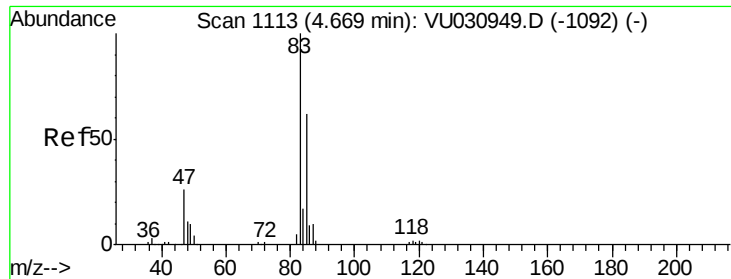
Tot Ion: 43 Resp: 10434
Ion Ratio Lower Upper
43 100
58 29.4 0.0 62.8



#21
2-Butanone
Concen: 40.016 ug/L
RT: 4.39 min Scan# 1026
Delta R.T. 0.12 min
Lab File: VU030956.D
Acq: 09 Apr 2019 14:31

Tgt Ion: 43 Resp: 206633
Ion Ratio Lower Upper
43 100
72 0.0 11.2 33.5#





#25

Chloroform

Concen: 0.577 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VU030956.D

Acq: 09 Apr 2019 14:31

Instrument :

MSVOA_U

ClientSampleId :

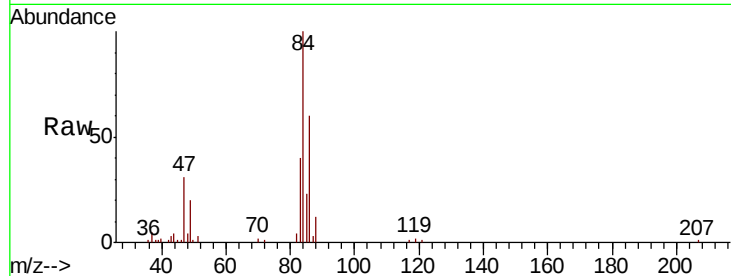
BEZF4

Tot Ion: 83 Resp: 18332

Ion Ratio Lower Upper

83 100

85 57.5 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

8000

6000

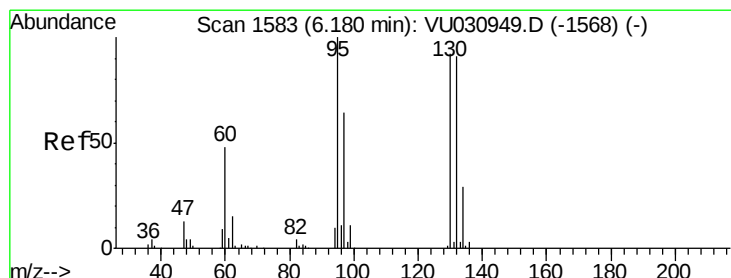
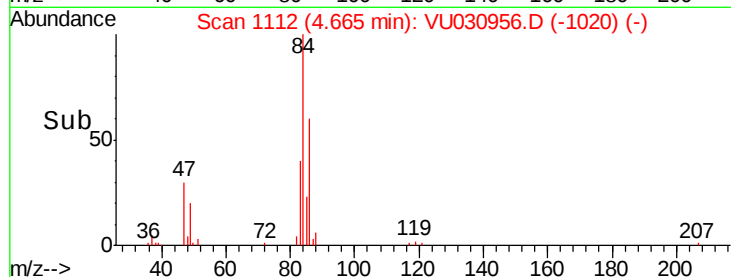
4000

2000

0

4.60 4.65 4.70 4.75

Time-->



#34

Trichloroethene

Concen: 2.973 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU030956.D

Acq: 09 Apr 2019 14:31

Tgt Ion: 95 Resp: 56615

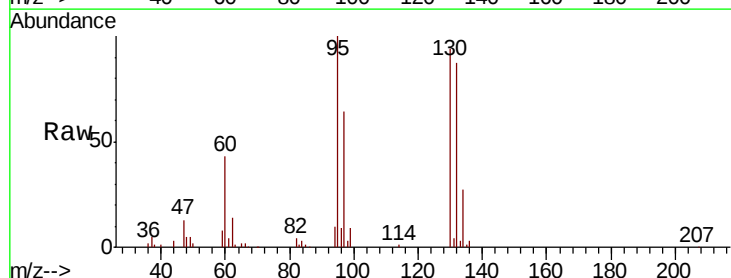
Ion Ratio Lower Upper

95 100

97 64.5 43.5 80.9

132 86.6 60.7 112.7

130 94.0 65.1 120.9



Abundance Ion 95.00 (94.70 to 95.70): VU030949.D (-1568) (-)

Ion 96.95 (96.65 to 97.65): VU030949.D (-1568) (-)

Ion 131.95 (131.65 to 132.65): VU030949.D (-1568) (-)

Ion 129.95 (129.65 to 130.65): VU030949.D (-1568) (-)

40000

30000

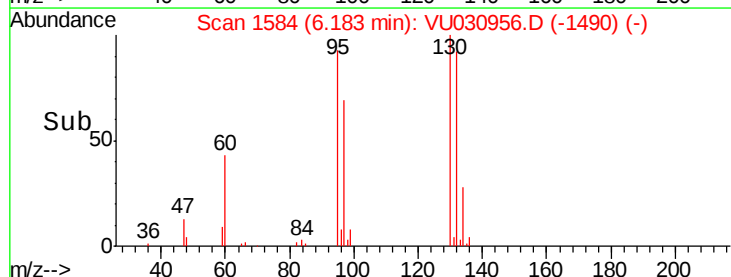
20000

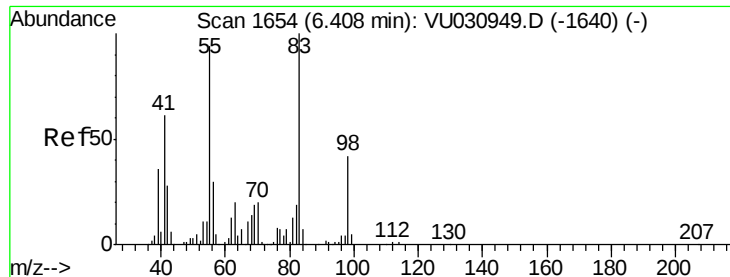
10000

0

6.10 6.15 6.20 6.25 6.30

Time-->

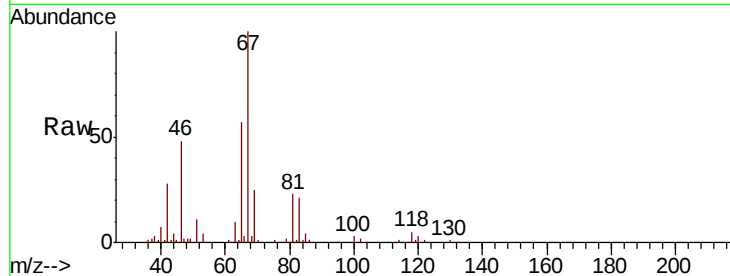




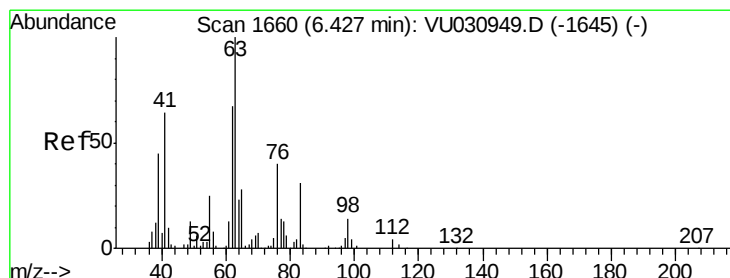
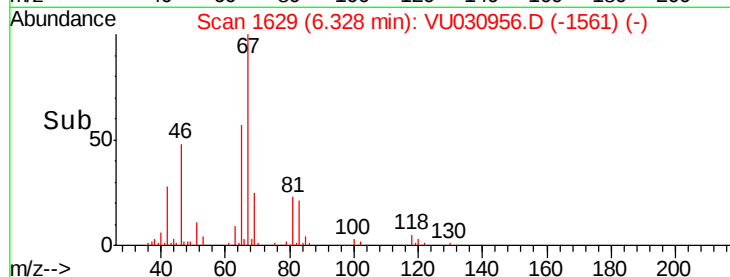
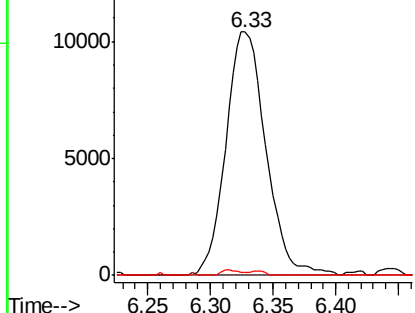
#35
Methvlcvclohexane
Concen: 0.760 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU030956.D
Acq: 09 Apr 2019 14:31

Instrument :
MSVOA_U
ClientSampleId :
BEZF4

Tot Ion: 83 Resp: 23085
Ion Ratio Lower Upper
83 100
55 0.2 72.6 108.8#
98 0.6 35.0 52.6#

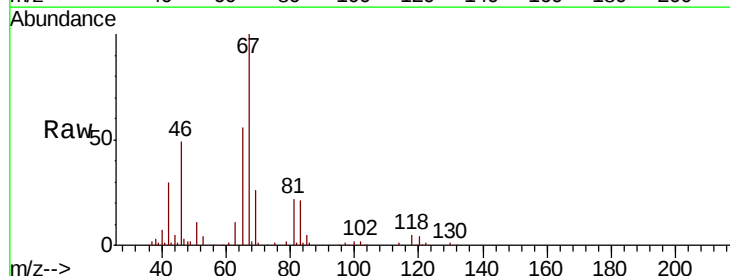


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

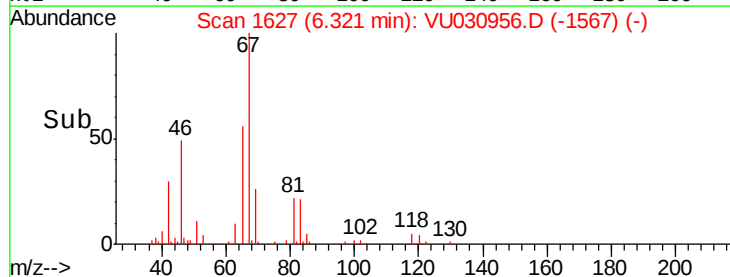
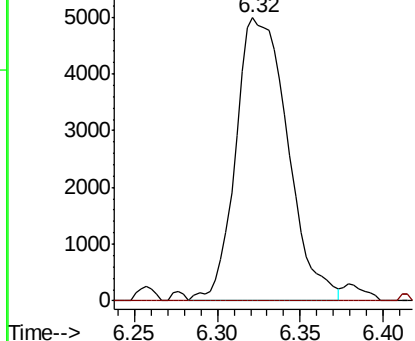


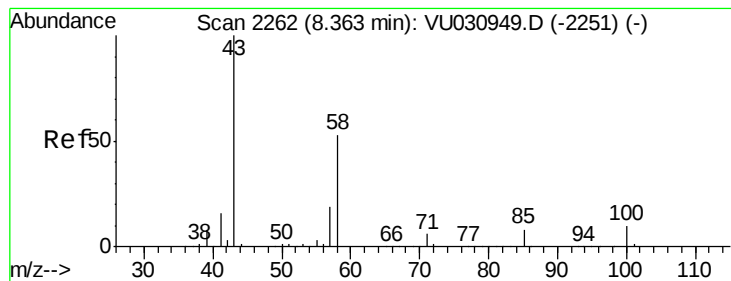
#37
1,2-Dichloropropane
Concen: 0.519 ug/L
RT: 6.32 min Scan# 1627
Delta R.T. -0.11 min
Lab File: VU030956.D
Acq: 09 Apr 2019 14:31

Tgt Ion: 63 Resp: 10864
Ion Ratio Lower Upper
63 100
112 0.4 2.8 4.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#48

2-Hexanone

Concen: 1.192 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VU030956.D

Acq: 09 Apr 2019 14:31

Instrument :

MSVOA_U

ClientSampleId :

BEZF4

Tot Ion: 43 Resp: 10791

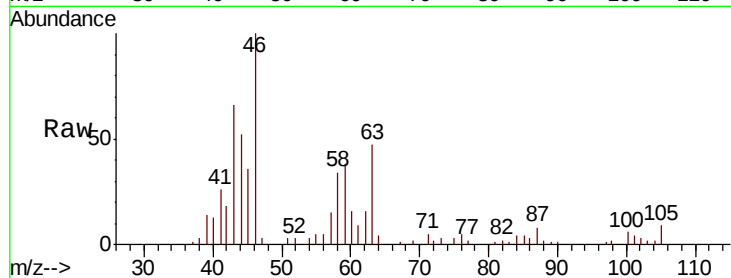
Ion Ratio Lower Upper

43 100

58 65.6 42.5 63.7#

57 20.1 13.9 20.9

100 8.9 7.1 10.7

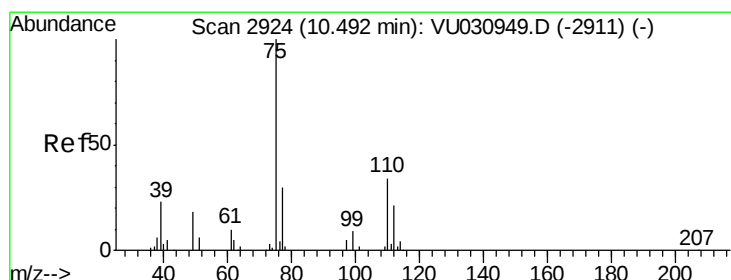
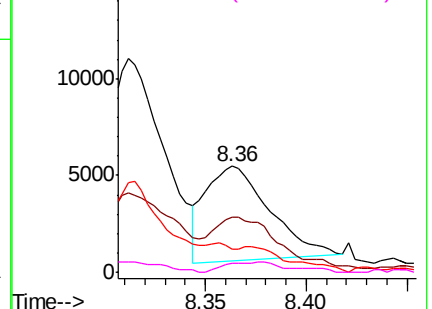
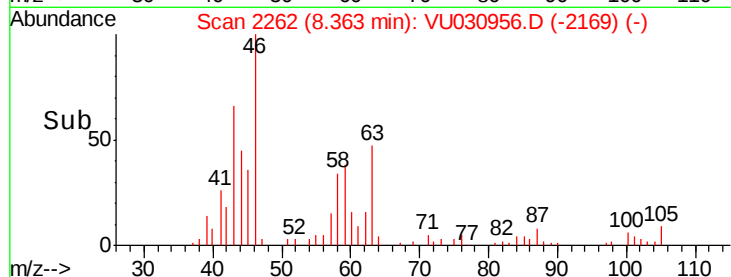


Abundance Ion 43.05 (42.75 to 43.75): VU030949.D (-2251) (-)

Ion 58.05 (57.75 to 58.75): VU030949.D (-2251) (-)

Ion 57.20 (56.90 to 57.90): VU030949.D (-2251) (-)

Ion 100.15 (99.85 to 100.85): VU030949.D (-2251) (-)



#59

1,2,3-Trichloropropane

Concen: 0.918 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030956.D

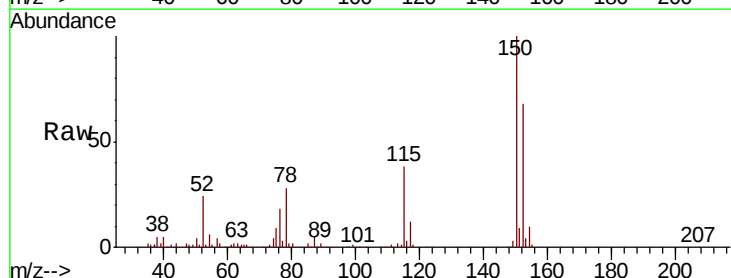
Acq: 09 Apr 2019 14:31

Tgt Ion: 75 Resp: 10743

Ion Ratio Lower Upper

75 100

77 37.7 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU030949.D (-2911) (-)

Ion 77.00 (76.70 to 77.70): VU030949.D (-2911) (-)

