

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\
 Data File : VU030922.D
 Acq On : 08 Apr 2019 22:10
 Operator : JC/SP
 Sample : K2284-15RE
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZB3

Quant Time: Apr 09 01:17:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 09 01:11:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	249803	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	251362	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	104151	5.00	ug/L	0.00

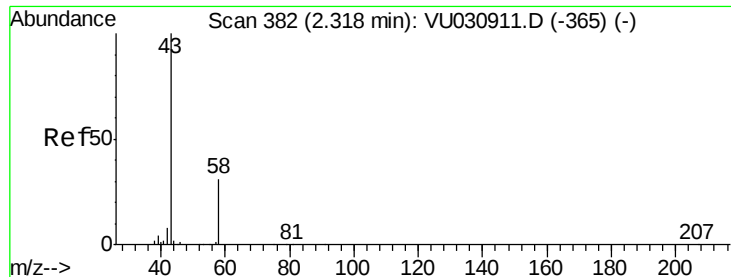
System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	103558	5.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.40%
7) Chloroethane-d5	1.68	69	89898	5.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.80%
11) 1,1-Dichloroethene-d2	2.27	63	156497	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.00%
20) 2-Butanone-d5	4.19	46	324239	65.92	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.84%#
24) Chloroform-d	4.64	84	164355	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.31	65	105764	6.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	123.20%
32) Benzene-d6	5.33	84	353940	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
36) 1,2-Dichloropropane-d6	6.32	67	122132	5.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.00%
41) Toluene-d8	7.56	98	279986	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	7.85	79	43550	5.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.60%
46) 2-Hexanone-d5	8.31	63	224236	62.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.08%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	97527	6.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	122.60%#
64) 1,2-Dichlorobenzene-d4	11.86	152	102058	5.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.20%

Target Compounds

					Ovalue
13) Acetone	2.32	43	7382	1.941	ug/L 92
21) 2-Butanone	4.39	43	73862	12.255	ug/L # 54
25) Chloroform	4.67	83	28010	0.755	ug/L 97
29) 1,1,1-Trichloroethane	4.90	97	12475	0.390	ug/L 95
34) Trichloroethene	6.18	95	226766	10.653	ug/L 99
35) Methylcyclohexane	6.33	83	26084	0.768	ug/L # 14
37) 1,2-Dichloropropane	6.32	63	13211	0.565	ug/L # 90
44) trans-1,3-Dichloropropene	7.85	75	2068	0.085	ug/L 90
48) 2-Hexanone	8.37	43	13153	1.300	ug/L # 82
59) 1,2,3-Trichloropropane	11.48	75	13102	1.002	ug/L # 85

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



#13

Acetone

Concen: 1.941 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.04 min

Lab File: VU030922.D

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Instrument :

MSVOA_U

ClientSampleId :

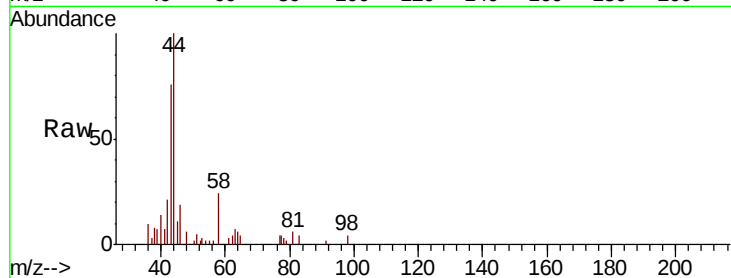
BEZB3

Tot Ion: 43 Resp: 7382

Ion Ratio Lower Upper

43 100

58 35.8 0.0 62.8

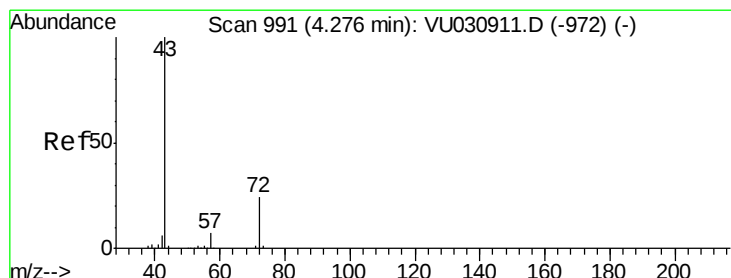
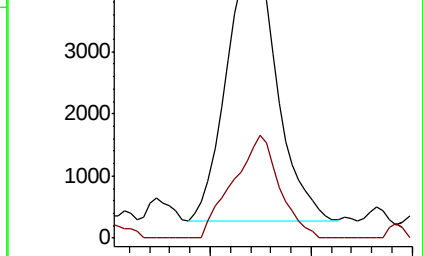
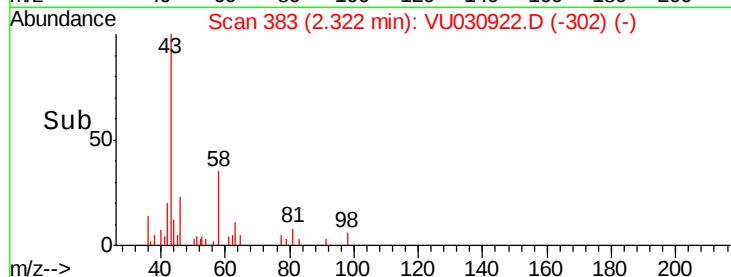


Abundance Ion 43.05 (42.75 to 43.75): VU030911.D (-365) (-)

Ion 58.05 (57.75 to 58.75): VU030911.D (-365) (-)

2.32

Time-->



#21

2-Butanone

Concen: 12.255 ug/L

RT: 4.39 min Scan# 1027

Delta R.T. 0.09 min

Lab File: VU030922.D

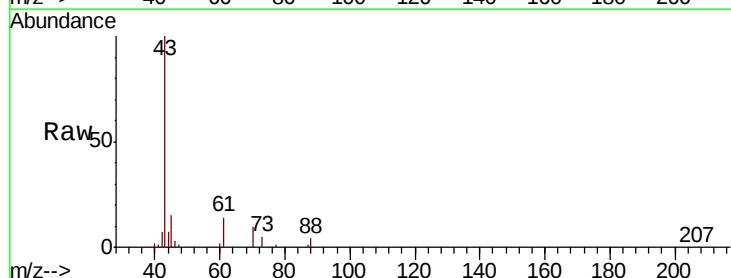
Acq: 08 Apr 2019 22:10

Tgt Ion: 43 Resp: 73862

Ion Ratio Lower Upper

43 100

72 0.1 11.2 33.5#

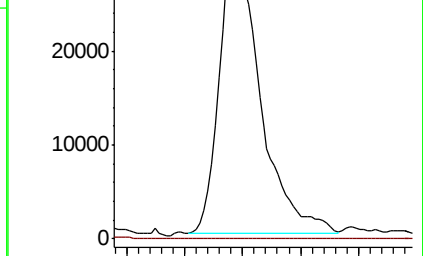
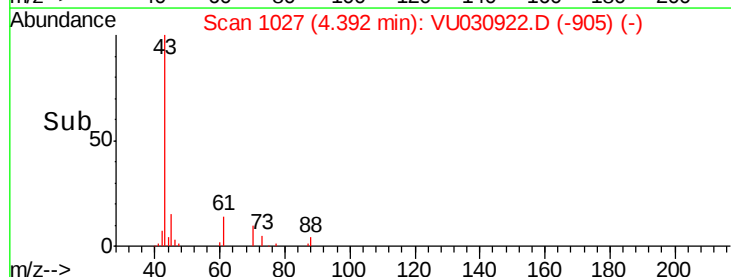


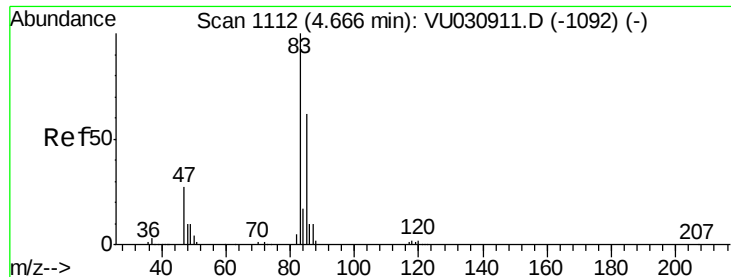
Abundance Ion 43.05 (42.75 to 43.75): VU030911.D (-972) (-)

Ion 72.10 (71.80 to 72.80): VU030911.D (-972) (-)

4.39

Time-->





#25

Chloroform

Concen: 0.755 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VU030922.D

Acq: 08 Apr 2019 22:10

Instrument :

MSVOA_U

ClientSampleId :

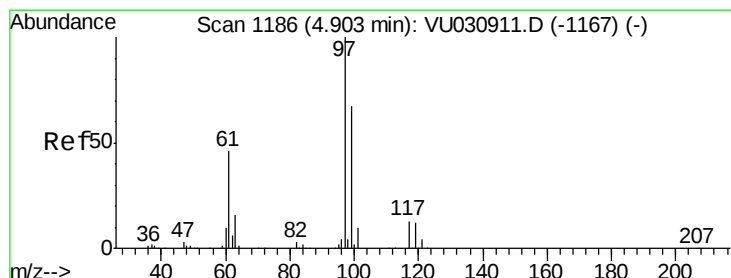
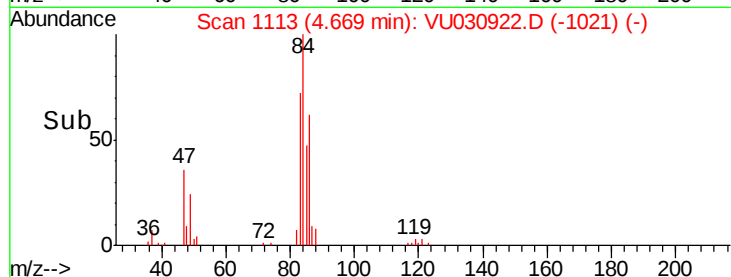
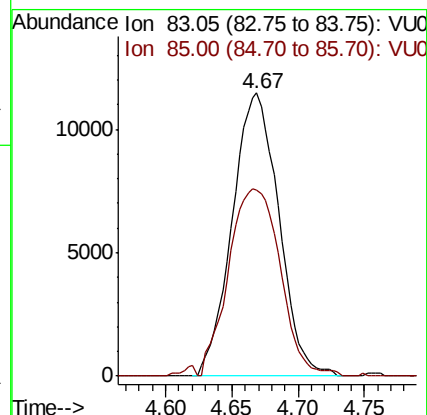
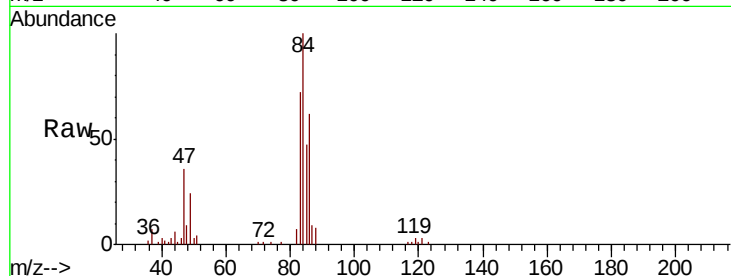
BEZB3

Tot Ion: 83 Resp: 28010

Ion Ratio Lower Upper

83 100

85 65.8 44.2 82.2



#29

1,1,1-Trichloroethane

Concen: 0.390 ug/L

RT: 4.90 min Scan# 1186

Delta R.T. -0.01 min

Lab File: VU030922.D

Acq: 08 Apr 2019 22:10

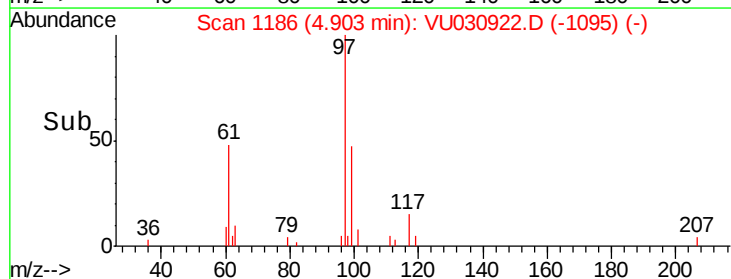
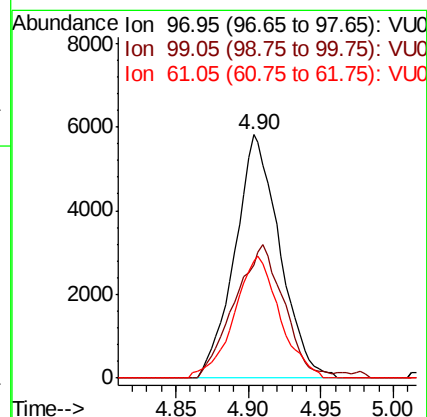
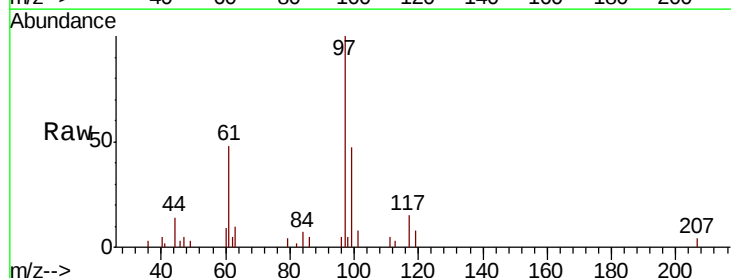
Tgt Ion: 97 Resp: 12475

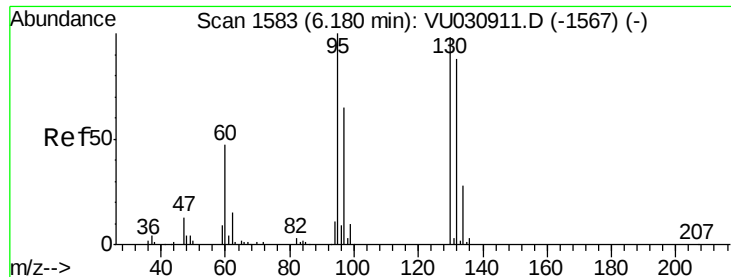
Ion Ratio Lower Upper

97 100

99 60.7 51.8 77.6

61 50.9 38.1 57.1





#34

Trichloroethene

Concen: 10.653 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU030922.D

Acq: 08 Apr 2019 22:10

Instrument :

MSVOA_U

ClientSampleId :

BEZB3

Tot Ion: 95 Resp: 226766

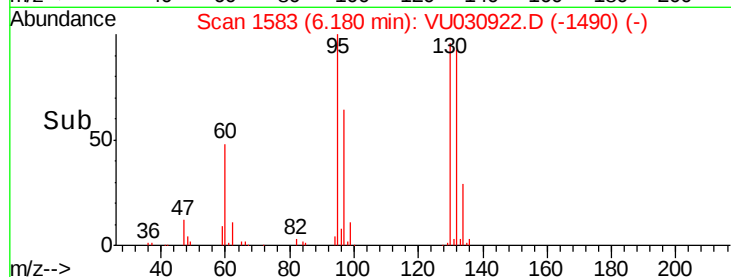
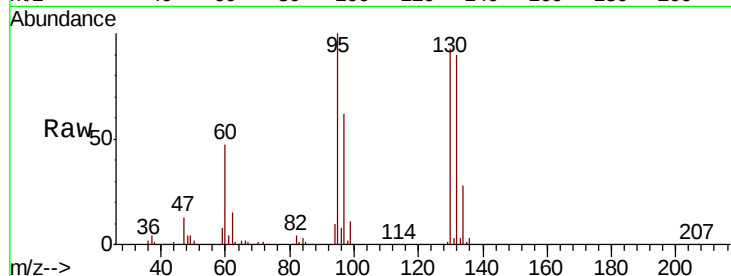
Ion Ratio Lower Upper

95 100

97 62.4 43.5 80.9

132 90.0 60.7 112.7

130 92.7 65.1 120.9

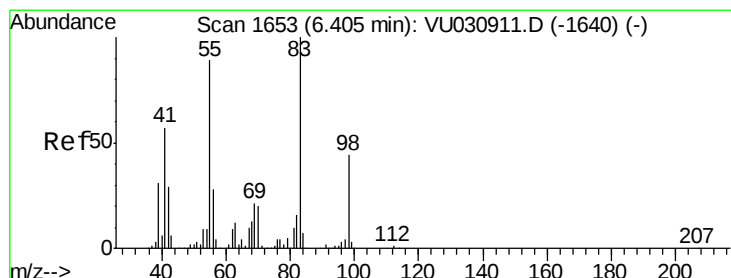
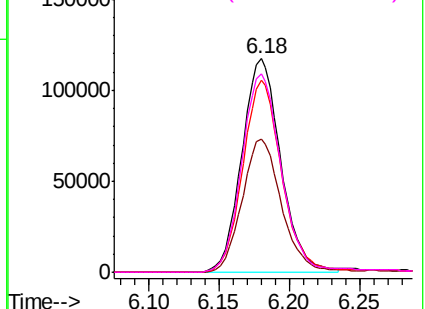


Abundance Ion 95.00 (94.70 to 95.70): VU0

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# 1630

Delta R.T. -0.08 min

Lab File: VU030922.D

Acq: 08 Apr 2019 22:10

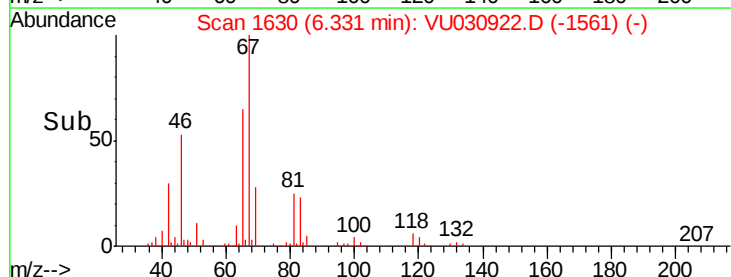
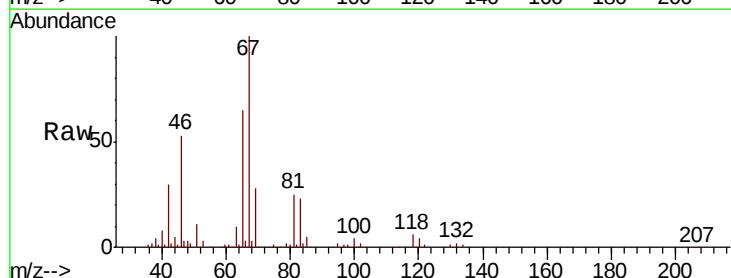
Tgt Ion: 83 Resp: 26084

Ion Ratio Lower Upper

83 100

55 0.4 72.6 108.8#

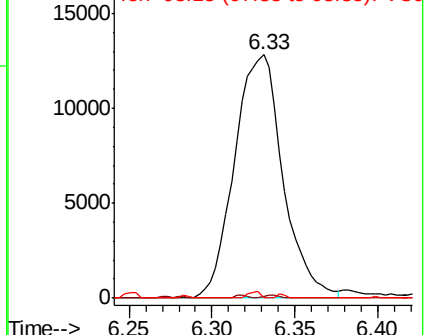
98 0.0 35.0 52.6#

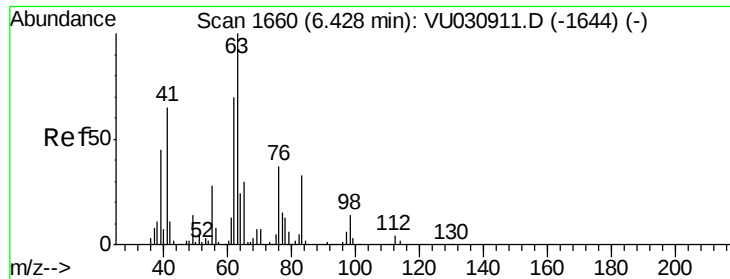


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

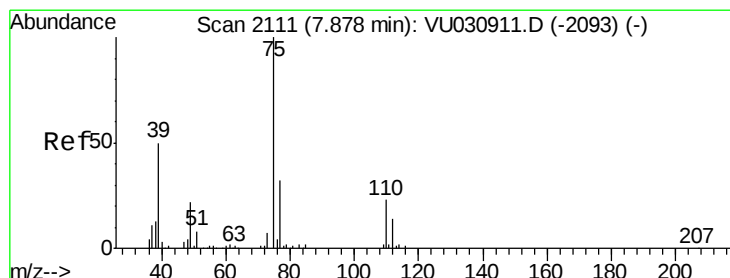
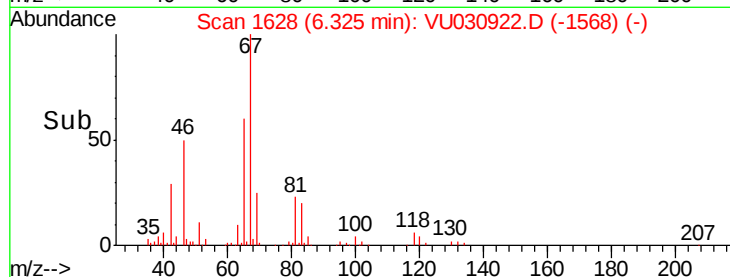
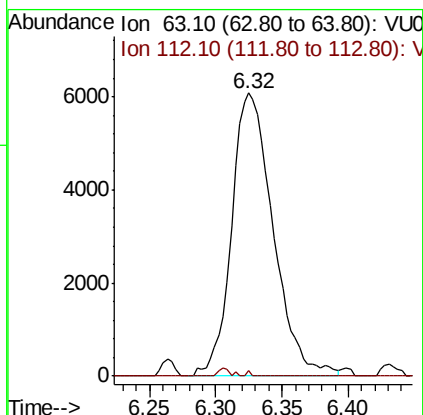
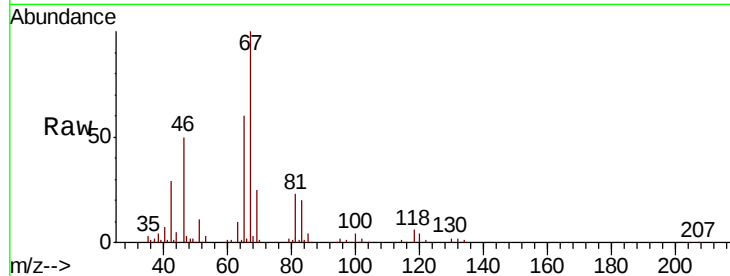




#37
 1,2-Dichloropropane
 Concen: 0.565 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.11 min
 Lab File: VU030922.D
 Acq: 08 Apr 2019 22:10

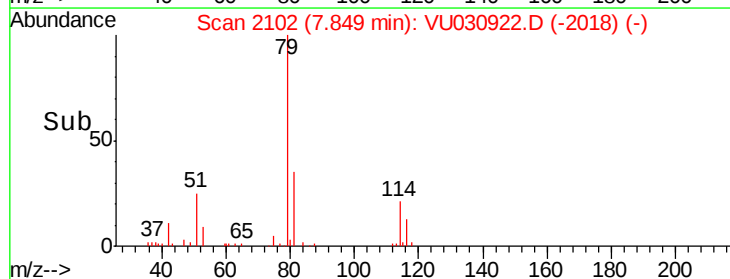
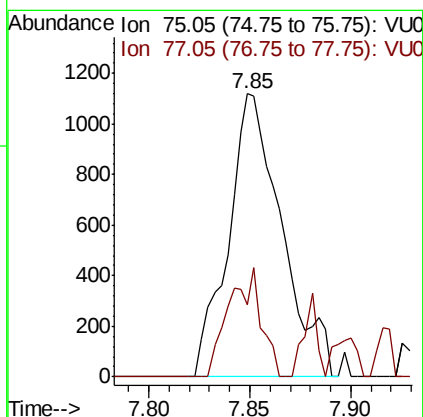
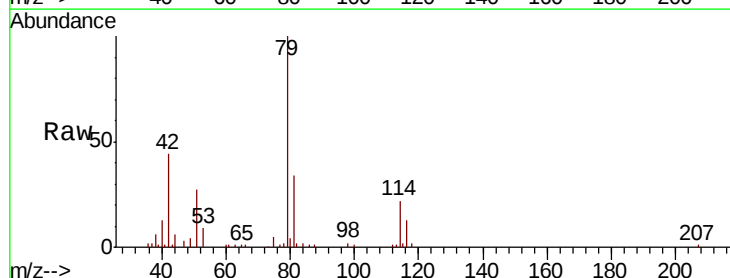
Instrument :
 MSVOA_U
 ClientSampleId :
 BEZB3

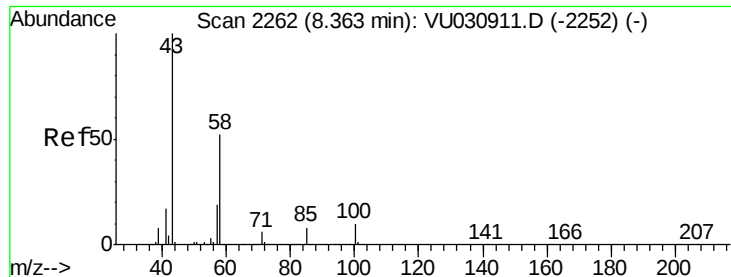
Tot Ion: 63 Resp: 13211
 Ion Ratio Lower Upper
 63 100
 112 0.2 2.8 4.2#



#44
 trans-1,3-Dichloropropene
 Concen: 0.085 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU030922.D
 Acq: 08 Apr 2019 22:10

Tgt Ion: 75 Resp: 2068
 Ion Ratio Lower Upper
 75 100
 77 25.5 21.6 40.0

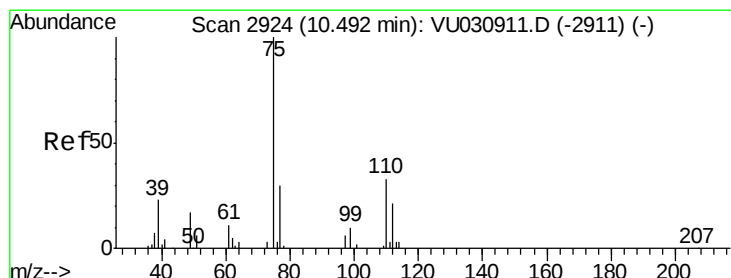
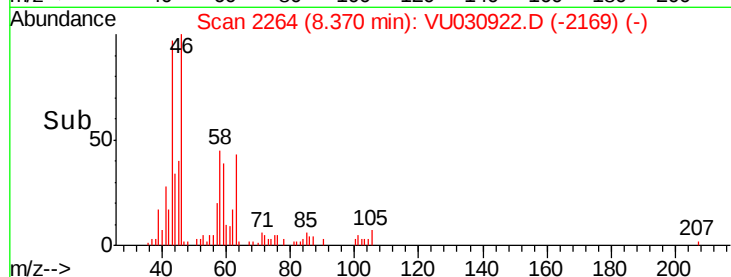
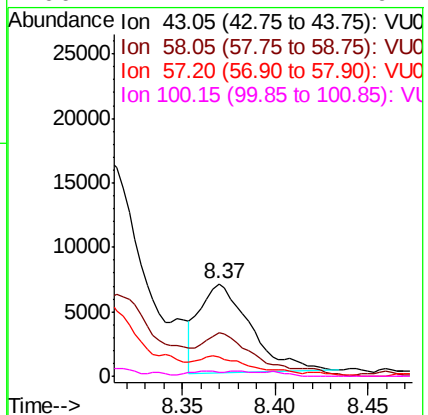
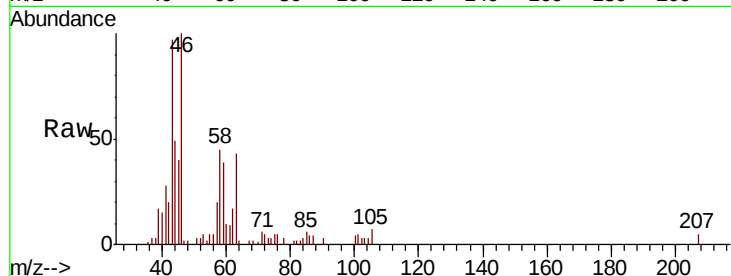




#48
2-Hexanone
Concen: 1.300 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU030922.D
Acq: 08 Apr 2019 22:10

Instrument :
MSVOA_U
ClientSampleId :
BEZB3

Tot Ion: 43 Resp: 13153
Ion Ratio Lower Upper
43 100
58 39.5 42.5 63.7#
57 24.5 13.9 20.9#
100 4.1 7.1 10.7#



#59
1,2,3-Trichloropropane
Concen: 1.002 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU030922.D
Acq: 08 Apr 2019 22:10

Tgt Ion: 75 Resp: 13102
Ion Ratio Lower Upper
75 100
77 40.3 25.6 38.4#

