

Data File : VU028957.D
Acq On : 27 Dec 2018 10:20
Operator : MD/SY
Sample : J6506-05ME
Misc : 5.78g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEZY4ME

Quant Time: Dec 28 00:50:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 28 00:46:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	268952	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	258308	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	130323	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54534	25.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	50.58%#
7) Chloroethane-d5	1.64	69	30525	18.33	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	36.66%#
11) 1,1-Dichloroethene-d2	2.23	63	90418	24.94	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	49.88%#
21) 2-Butanone-d5	4.19	46	106571	70.55	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	70.55%
24) Chloroform-d	4.64	84	122107	36.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.02%
26) 1,2-Dichloroethane-d4	5.30	65	77394	37.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.06%
32) Benzene-d6	5.33	84	260151	35.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.30%
36) 1,2-Dichloropropane-d6	6.32	67	87508	35.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	70.60%
41) Toluene-d8	7.56	98	243421	36.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.62%#
43) trans-1,3-Dichloropropene-	7.85	79	42722	38.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.92%
47) 2-Hexanone-d5	8.33	63	100245	85.14	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.14%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	142773	41.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.02%
64) 1,2-Dichlorobenzene-d4	11.86	152	106717	40.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.98%

Target Compounds

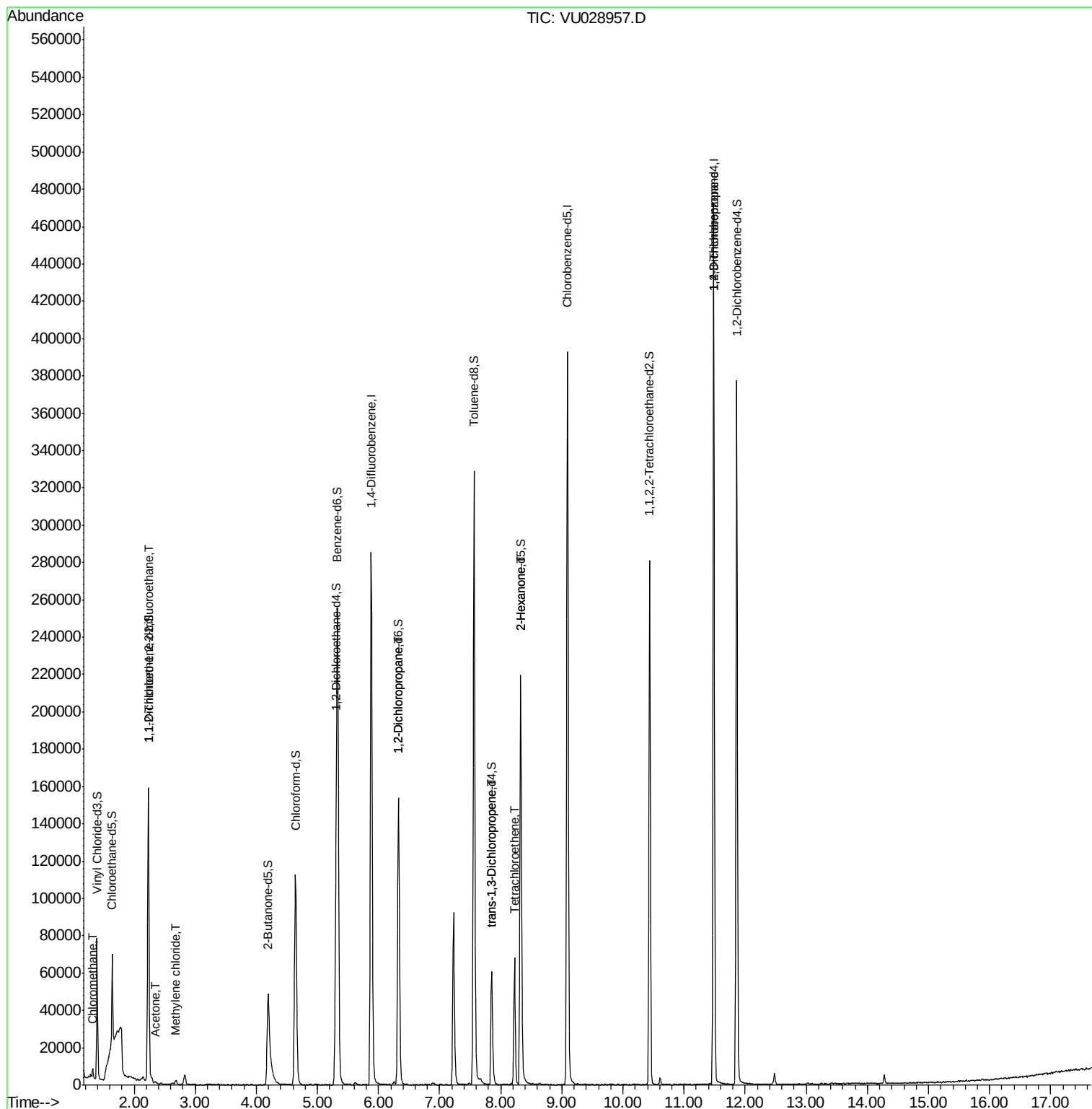
					Qvalue
3) Chloromethane	1.32	50	3619	1.214 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.24	101	987	0.566 ug/L #	20
13) Acetone	2.34	43	1037	0.674 ug/L	74
16) Methylene chloride	2.68	84	1288	0.606 ug/L	81
37) 1,2-Dichloropropane	6.32	63	8284	3.604 ug/L #	90
44) trans-1,3-Dichloropropene	7.85	75	1570	0.537 ug/L #	74
46) Tetrachloroethene	8.22	164	16918	11.064 ug/L	97
48) 2-Hexanone	8.33	43	9866	3.890 ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	13784	5.025 ug/L	93

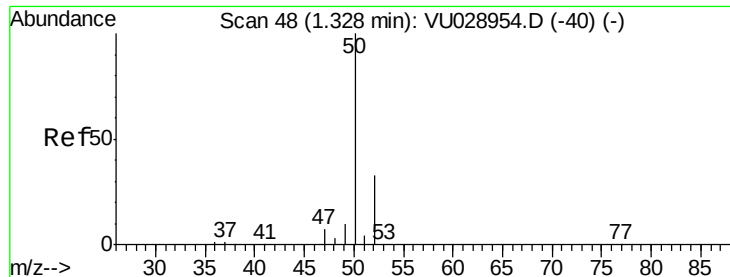
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 1.214 ug/L

RT: 1.32 min Scan# 46

Delta R.T. -0.01 min

Lab File: VU028957.D

Acq: 27 Dec 2018 10:20

Instrument :

MSVOA_U

ClientSampleId :

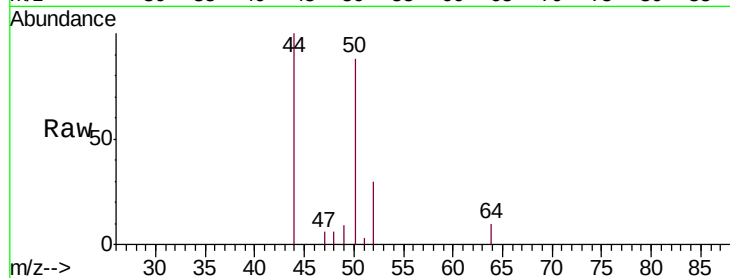
BEZY4ME

Tgt Ion: 50 Resp: 3619

Ion Ratio Lower Upper

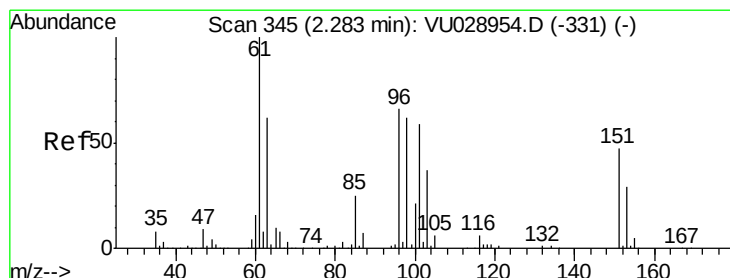
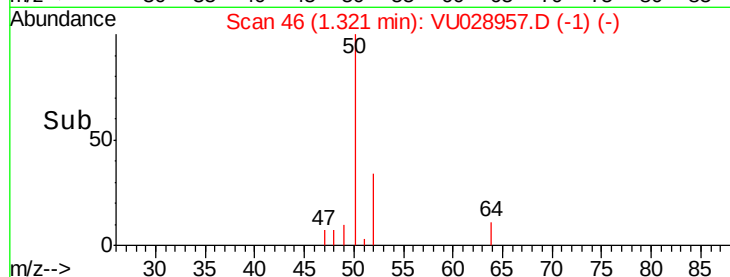
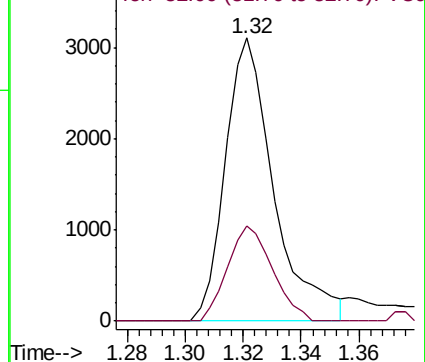
50 100

52 33.5 22.3 41.3



Abundance Ion 50.00 (49.70 to 50.70): VU028957.D (-1) (-)

Ion 52.00 (51.70 to 52.70): VU028957.D (-1) (-)



#10

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

Concen: 0.566 ug/L

RT: 2.24 min Scan# 331

Delta R.T. -0.05 min

Lab File: VU028957.D

Acq: 27 Dec 2018 10:20

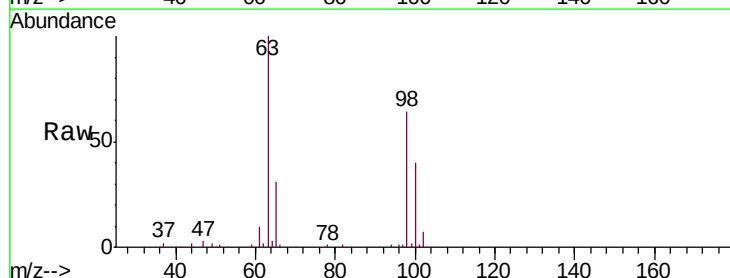
Tgt Ion: 101 Resp: 987

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

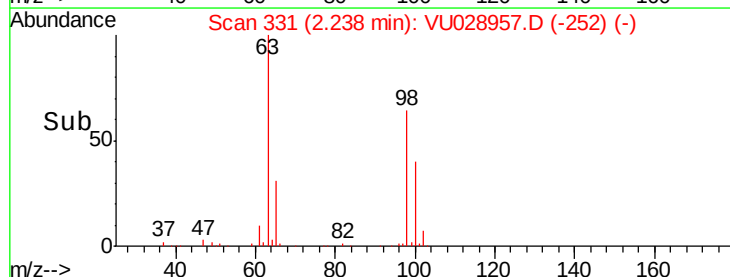
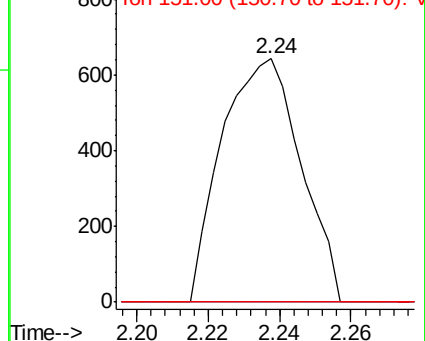
151 0.0 59.4 89.0#

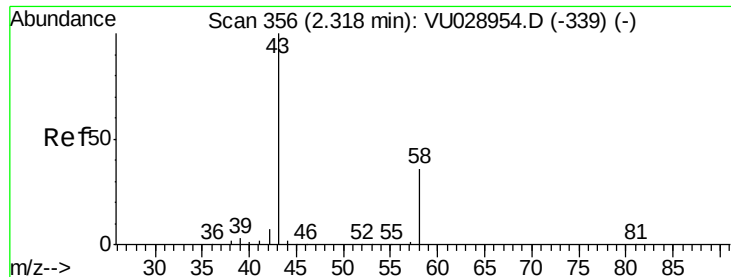


Abundance Ion 101.00 (100.70 to 101.70): VU028957.D (-252) (-)

Ion 85.00 (84.70 to 85.70): VU028957.D (-252) (-)

Ion 151.00 (150.70 to 151.70): VU028957.D (-252) (-)





#13

Acetone

Concen: 0.674 ug/L

RT: 2.34 min Scan# 364

Delta R.T. 0.03 min

Lab File: VU028957.D

Acq: 27 Dec 2018 10:20

Instrument :

MSVOA_U

ClientSampleId :

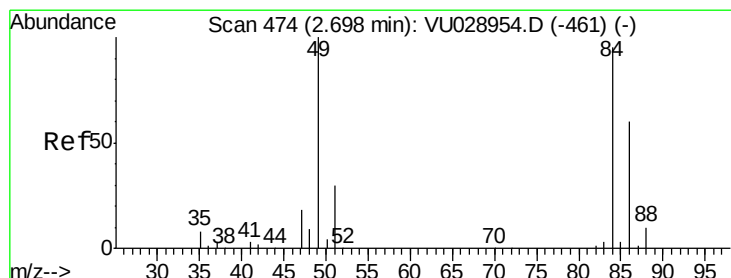
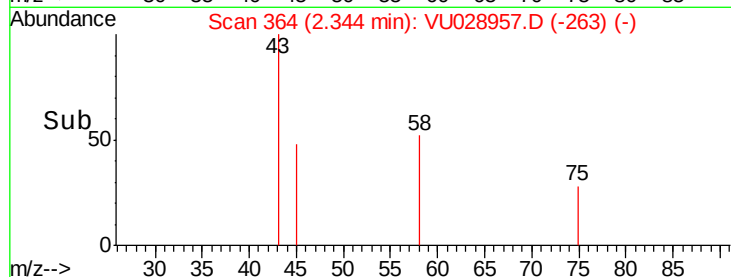
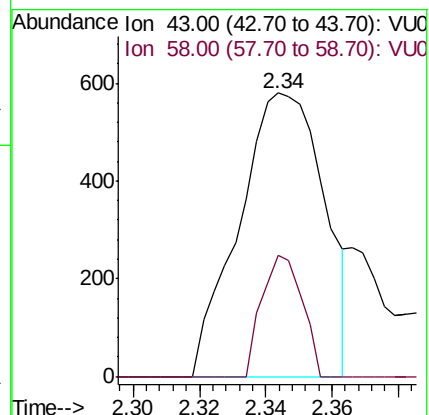
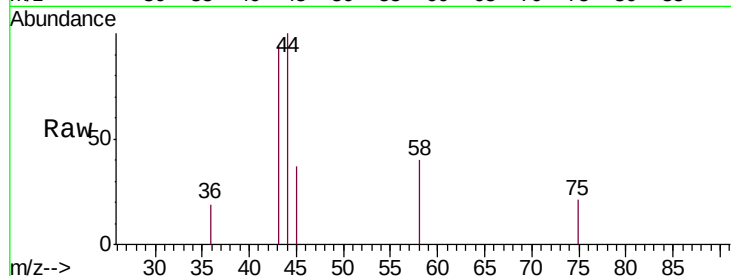
BEZY4ME

Tgt Ion: 43 Resp: 1037

Ion Ratio Lower Upper

43 100

58 20.1 0.0 70.2



#16

Methylene chloride

Concen: 0.606 ug/L

RT: 2.68 min Scan# 470

Delta R.T. -0.01 min

Lab File: VU028957.D

Acq: 27 Dec 2018 10:20

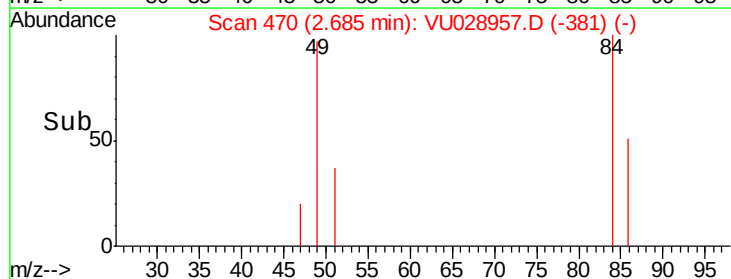
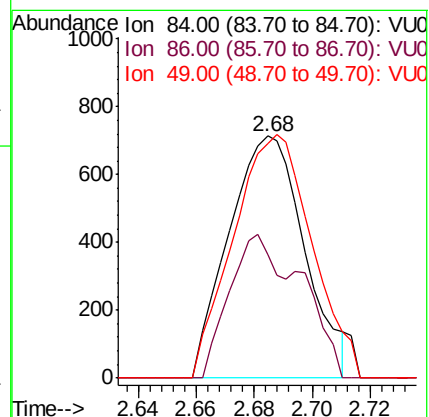
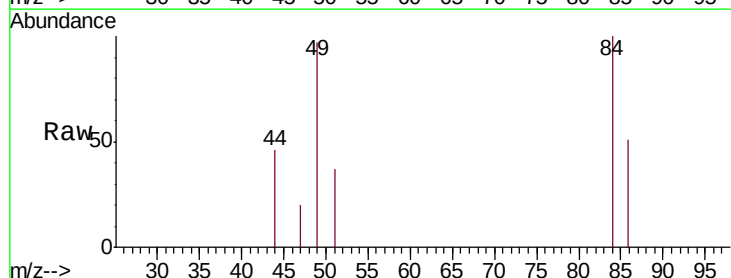
Tgt Ion: 84 Resp: 1288

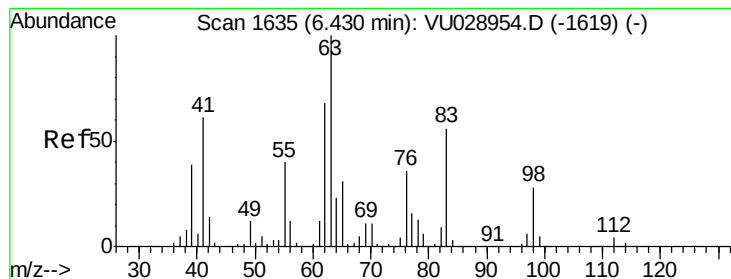
Ion Ratio Lower Upper

84 100

86 51.1 44.9 83.3

49 97.1 83.9 155.7





#37

1,2-Dichloropropane

Concen: 3.604 ug/L

RT: 6.32 min Scan# 1602

Delta R.T. -0.11 min

Lab File: VU028957.D

Acq: 27 Dec 2018 10:20

Instrument :

MSVOA_U

ClientSampleId :

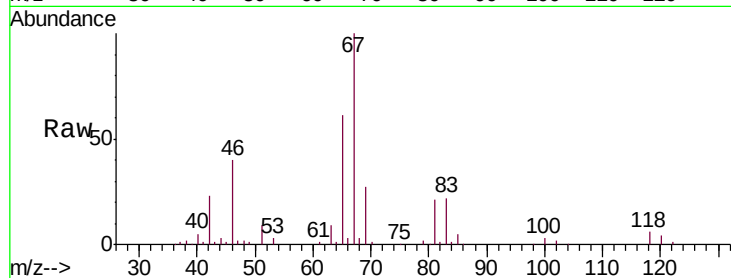
BEZY4ME

Tgt Ion: 63 Resp: 8284

Ion Ratio Lower Upper

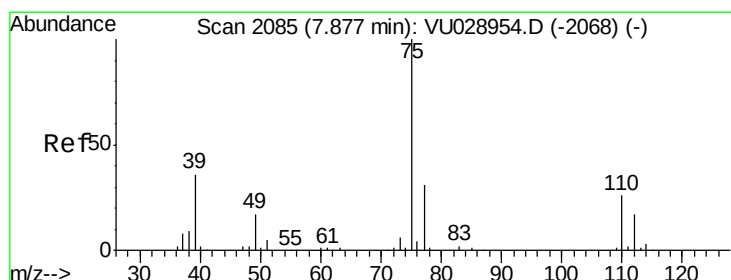
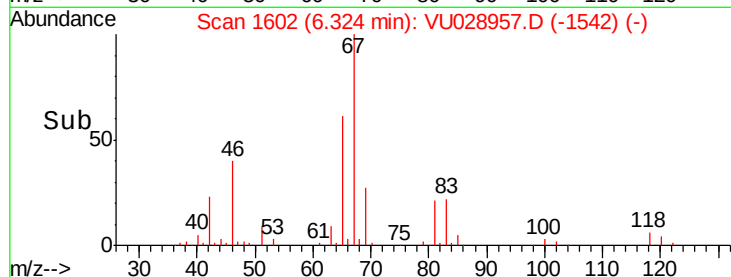
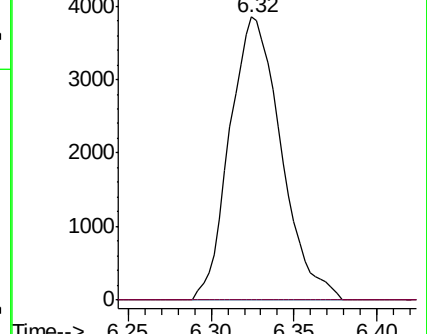
63 100

112 0.0 2.7 4.1#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V



#44

trans-1,3-Dichloropropene

Concen: 0.537 ug/L

RT: 7.85 min Scan# 2077

Delta R.T. -0.03 min

Lab File: VU028957.D

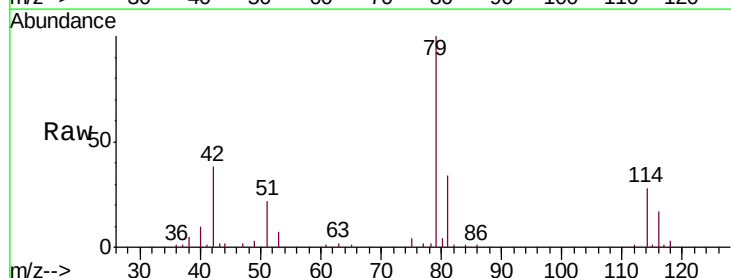
Acq: 27 Dec 2018 10:20

Tgt Ion: 75 Resp: 1570

Ion Ratio Lower Upper

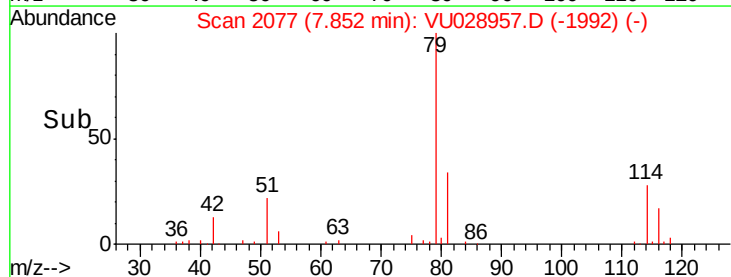
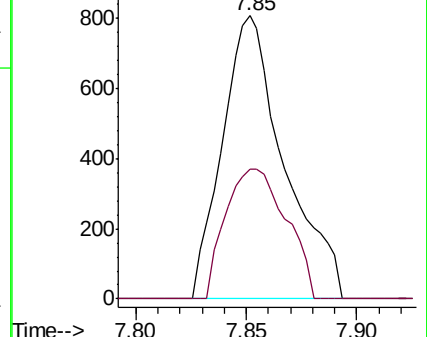
75 100

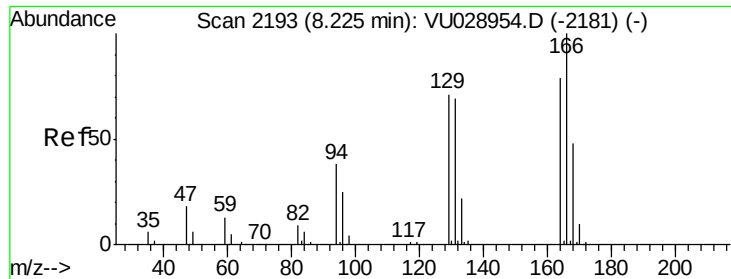
77 45.7 21.8 40.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

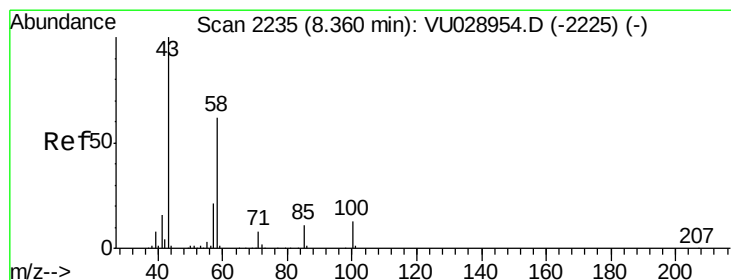
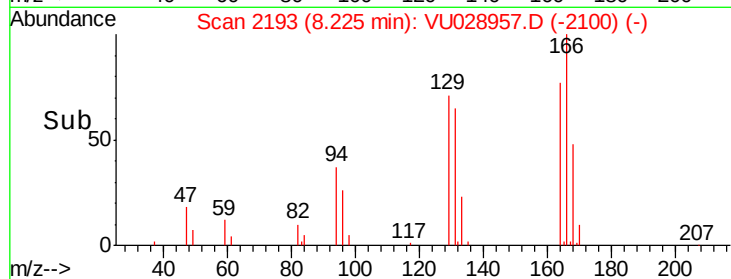
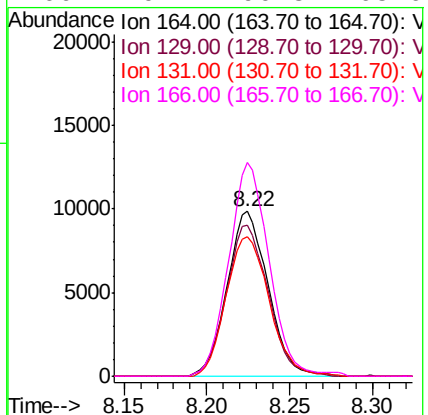
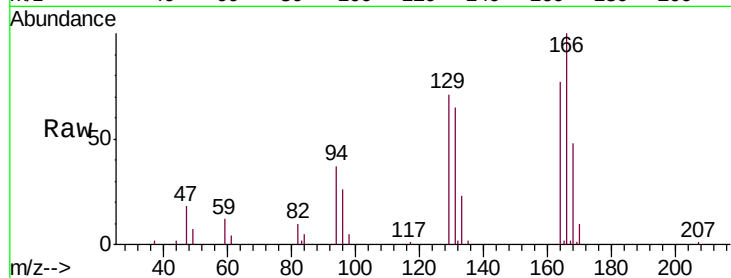




#46
Tetrachloroethene
Concen: 11.064 ug/L
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU028957.D
Acq: 27 Dec 2018 10:20

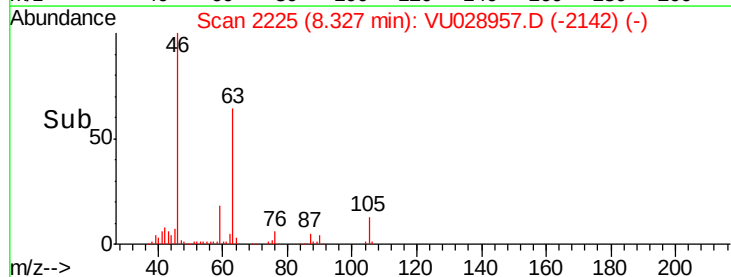
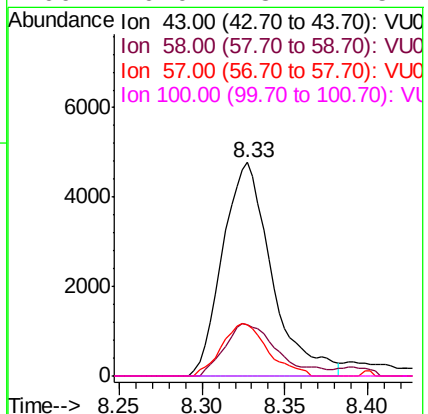
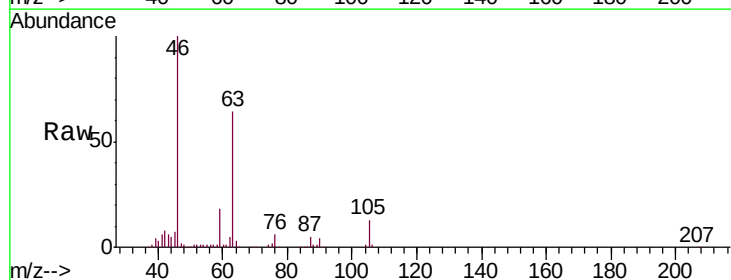
Instrument :
MSVOA_U
ClientSampleId :
BEZY4ME

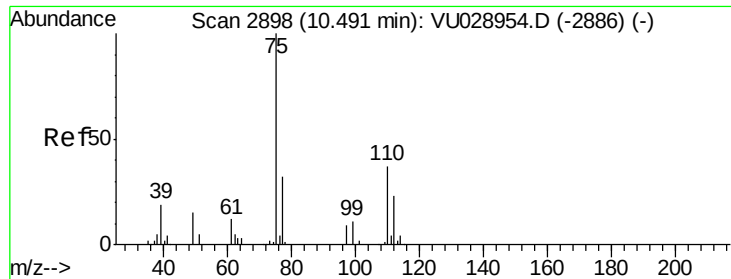
Tgt Ion:164 Resp: 16918
Ion Ratio Lower Upper
164 100
129 91.9 66.8 124.0
131 84.6 64.2 119.2
166 129.7 90.8 168.6



#48
2-Hexanone
Concen: 3.890 ug/L
RT: 8.33 min Scan# 2225
Delta R.T. -0.03 min
Lab File: VU028957.D
Acq: 27 Dec 2018 10:20

Tgt Ion: 43 Resp: 9866
Ion Ratio Lower Upper
43 100
58 26.5 45.9 68.9#
57 22.9 15.0 22.4#
100 0.0 8.7 13.1#





#59

1,2,3-Trichloropropane

Concen: 5.025 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU028957.D

Acq: 27 Dec 2018 10:20

Instrument :

MSVOA_U

ClientSampleId :

BEZY4ME

Tgt Ion: 75 Resp: 13784

Ion Ratio Lower Upper

75 100

77 36.0 25.5 38.3

