

Data File : VU029285.D
Acq On : 25 Jan 2019 13:14
Operator : JC/SP
Sample : K1222-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEJG4

Quant Time: Jan 28 02:23:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jan 28 02:17:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	65282	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	65207	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	29888	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	28778	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.68	69	22640	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.27	63	39663	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	4.21	46	66629	52.27	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.54%
24) Chloroform-d	4.65	84	48306	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.31	65	27819	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.34	84	93905	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	6.33	67	28381	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.56	98	81116	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	7.85	79	12310	4.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.60%
46) 2-Hexanone-d5	8.31	63	59266	52.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	24083	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	32335	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

Target Compounds

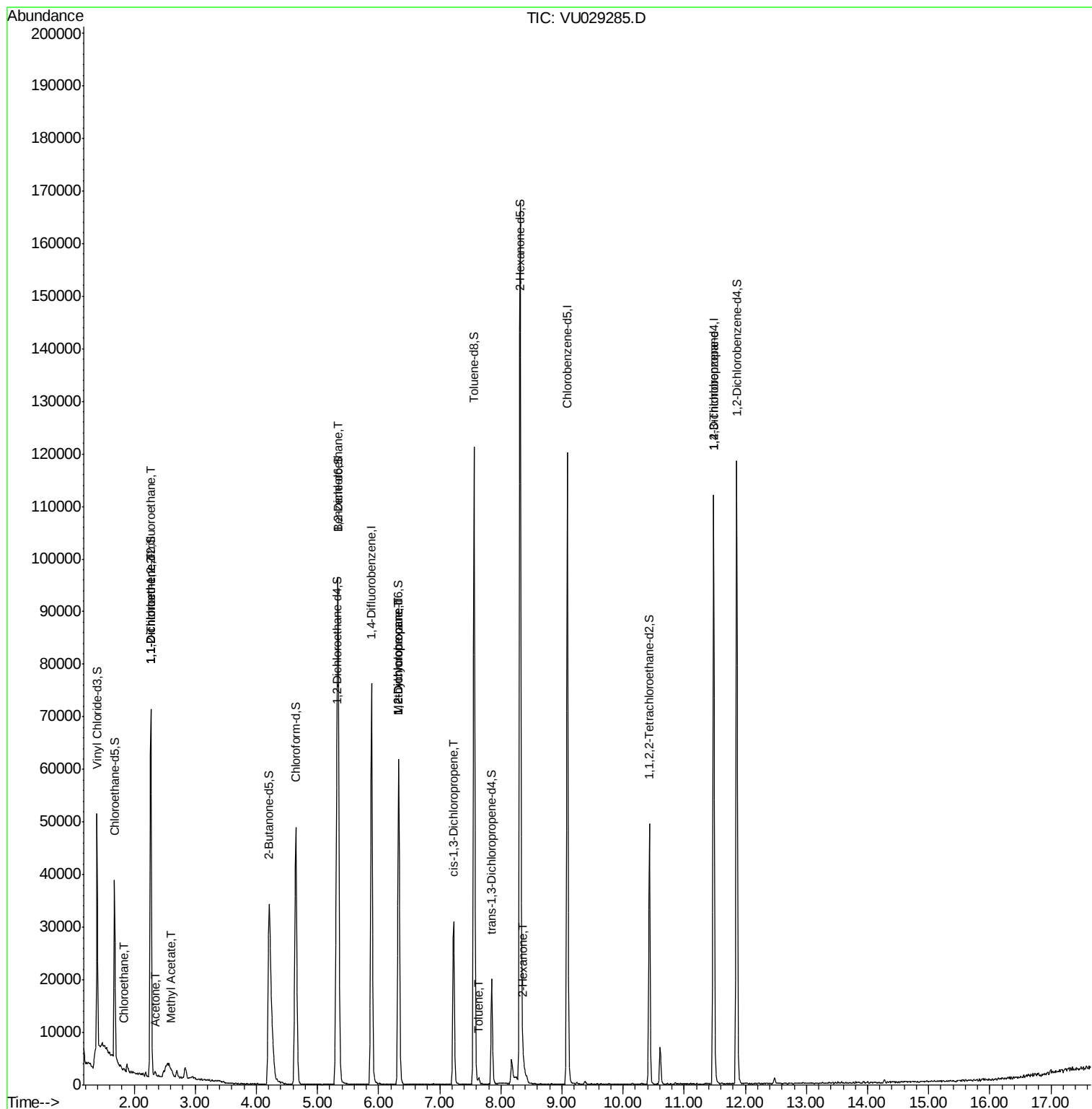
					Qvalue	
8) Chloroethane	1.84	64	428	0.097	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	374	0.070	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	317	0.064	ug/L #	1
13) Acetone	2.35	43	1214	1.272	ug/L	52
15) Methyl Acetate	2.60	43	700	0.306	ug/L #	51
27) 1,2-Dichloroethane	5.34	62	592	0.086	ug/L #	77
35) Methylcyclohexane	6.33	83	7130	0.828	ug/L #	16
37) 1,2-Dichloropropane	6.33	63	3444	0.642	ug/L #	85
39) cis-1,3-Dichloropropene	7.22	75	757	0.098	ug/L #	68
42) Toluene	7.64	91	815	0.037	ug/L	85
48) 2-Hexanone	8.37	43	816	0.346	ug/L #	73
59) 1,2,3-Trichloropropane	11.48	75	3631	0.982	ug/L #	88

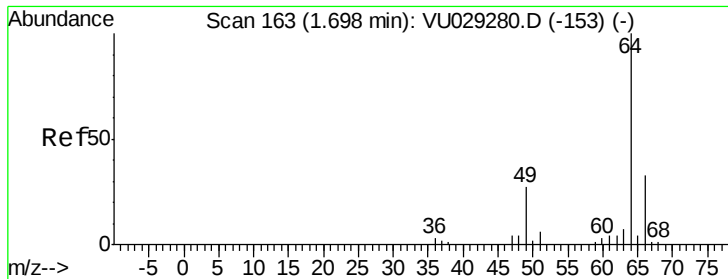
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.097 ug/L

RT: 1.84 min Scan# 207

Delta R.T. 0.14 min

Lab File: VU029285.D

Acq: 25 Jan 2019 13:14

Instrument :

MSVOA_U

ClientSampleId :

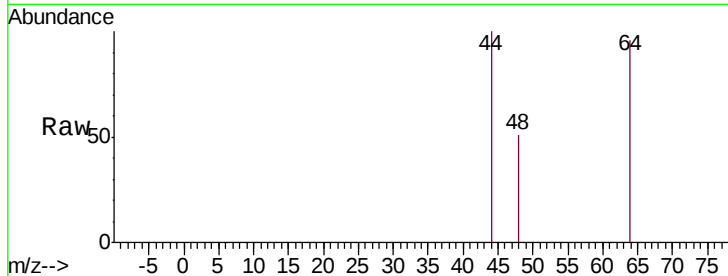
BEJG4

Tgt Ion: 64 Resp: 428

Ion Ratio Lower Upper

64 100

66 0.0 22.7 42.1#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0

1500

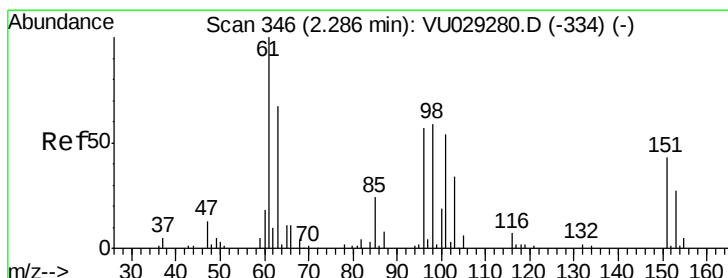
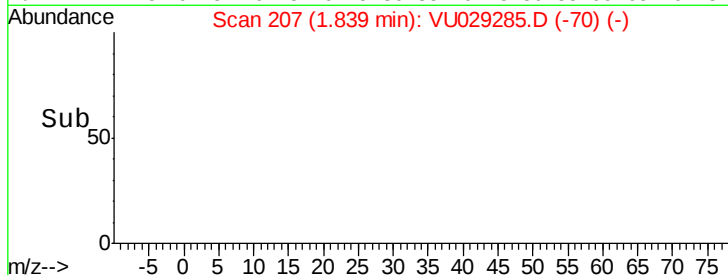
1000

500

0

1.82 1.84 1.86

Time-->



#10

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

Concen: 0.070 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU029285.D

Acq: 25 Jan 2019 13:14

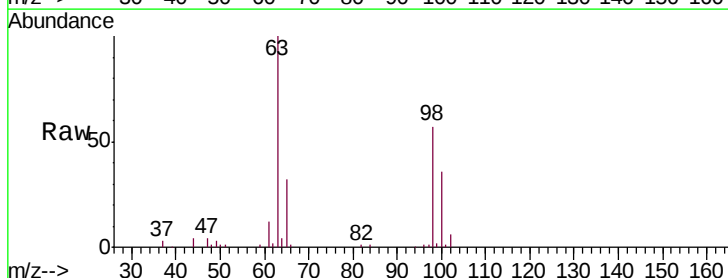
Tgt Ion: 101 Resp: 374

Ion Ratio Lower Upper

101 100

85 0.0 36.2 54.2#

151 0.0 64.5 96.7#



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

400

300

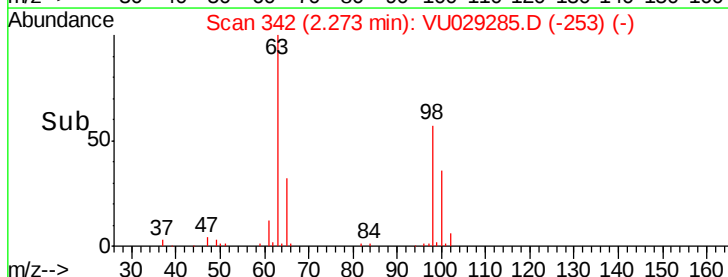
200

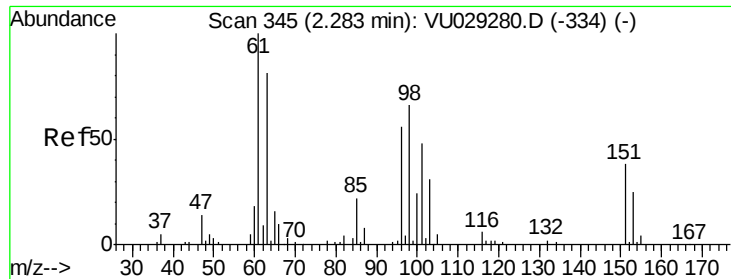
100

0

2.24 2.26 2.28 2.30

Time-->





#12

1,1-Dichloroethene

Concen: 0.064 ug/L

RT: 2.27 min Scan# 340

Delta R.T. -0.02 min

Lab File: VU029285.D

Acq: 25 Jan 2019 13:14

Instrument :

MSVOA_U

ClientSampleId :

BEJG4

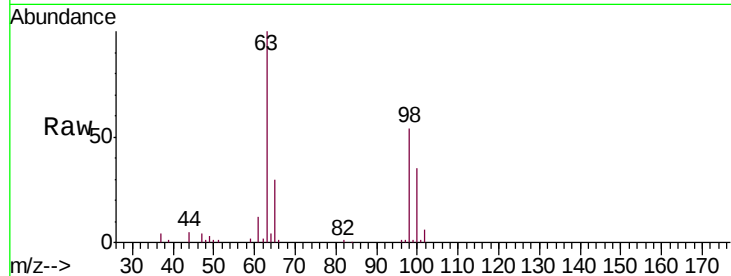
Tgt Ion: 96 Resp: 317

Ion Ratio Lower Upper

96 100

61 946.7 125.4 233.0#

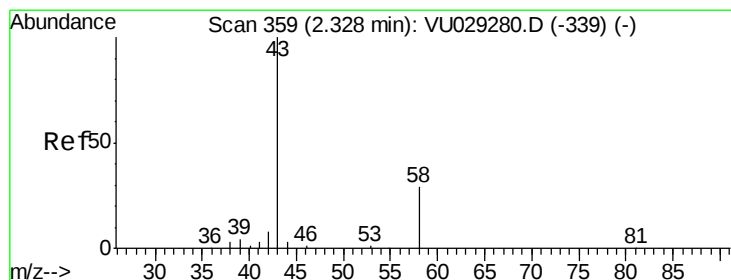
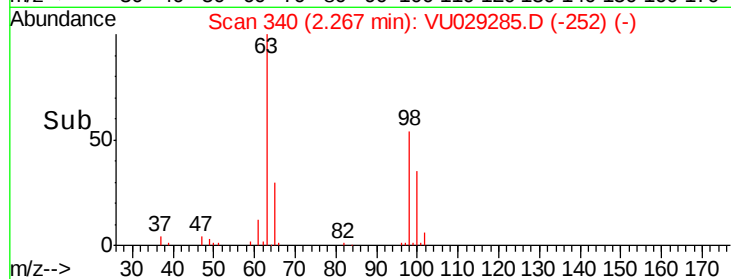
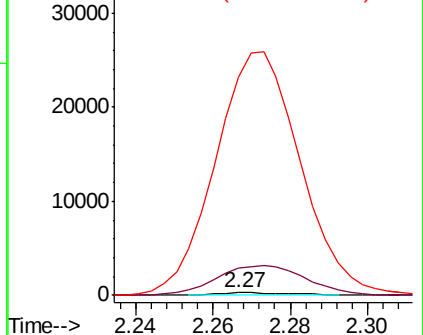
63 7687.4 105.8 196.4#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



#13

Acetone

Concen: 1.272 ug/L

RT: 2.35 min Scan# 366

Delta R.T. 0.02 min

Lab File: VU029285.D

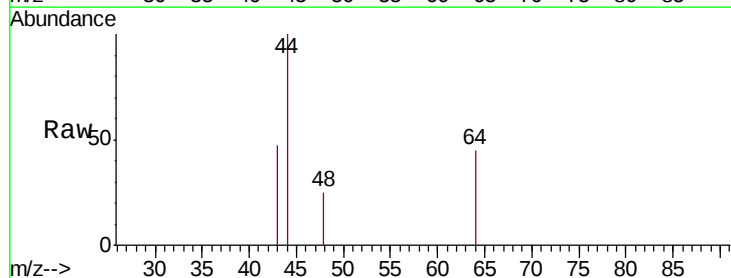
Acq: 25 Jan 2019 13:14

Tgt Ion: 43 Resp: 1214

Ion Ratio Lower Upper

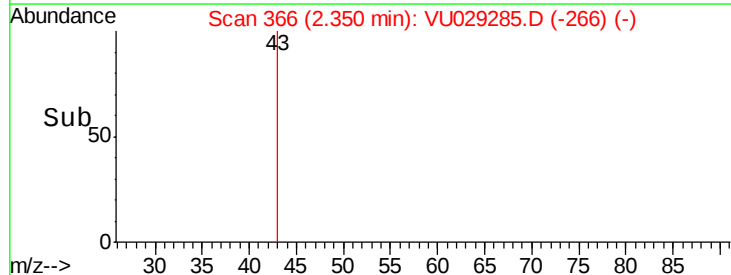
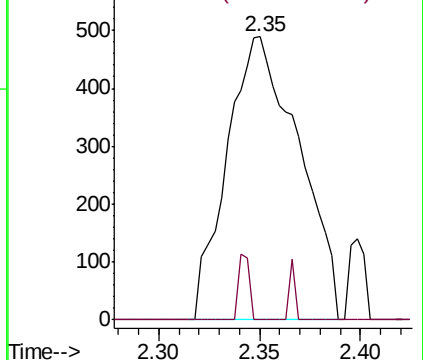
43 100

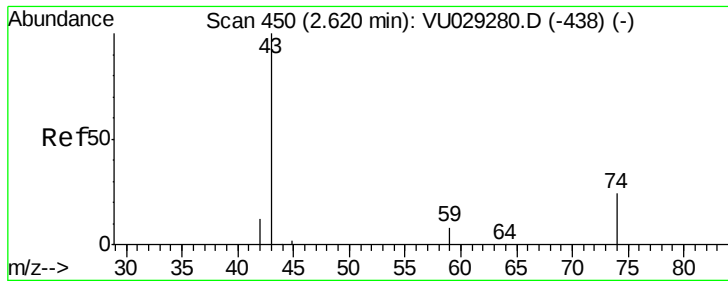
58 3.5 0.0 58.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

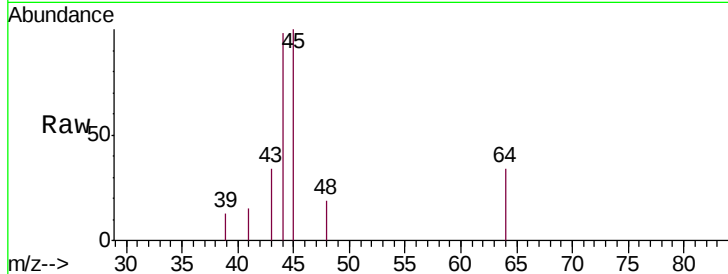




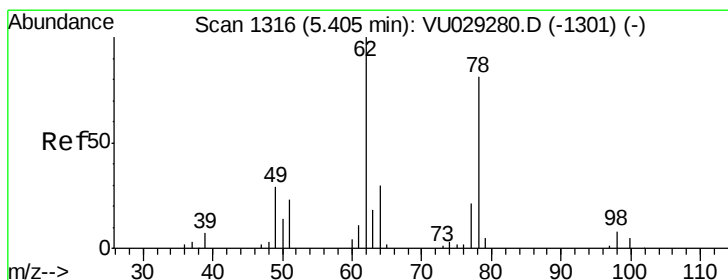
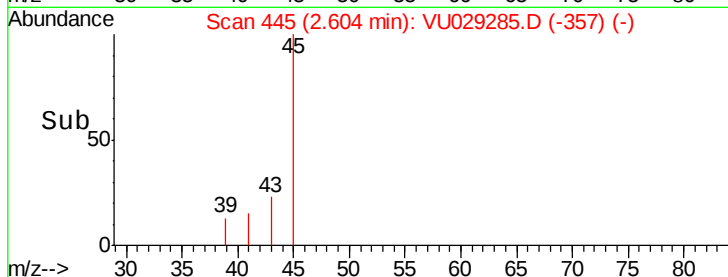
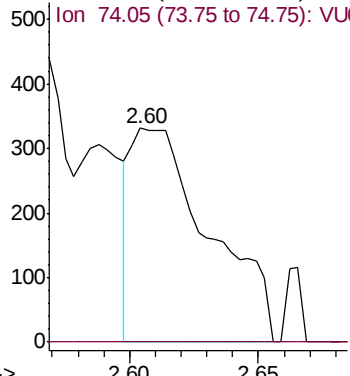
#15
Methyl Acetate
Concen: 0.306 ug/L
RT: 2.60 min Scan# 445
Delta R.T. -0.02 min
Lab File: VU029285.D
Acq: 25 Jan 2019 13:14

Instrument :
MSVOA_U
ClientSampleId :
BEJG4

Tgt Ion: 43 Resp: 700
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#

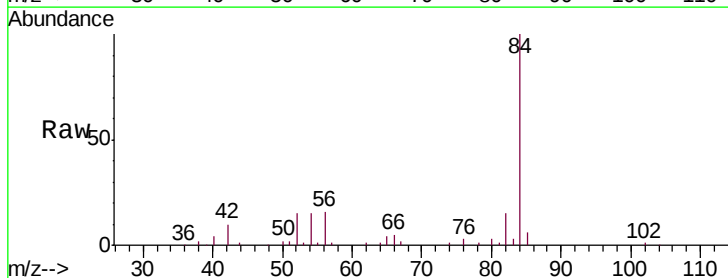


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 74.05 (73.75 to 74.75): VU0

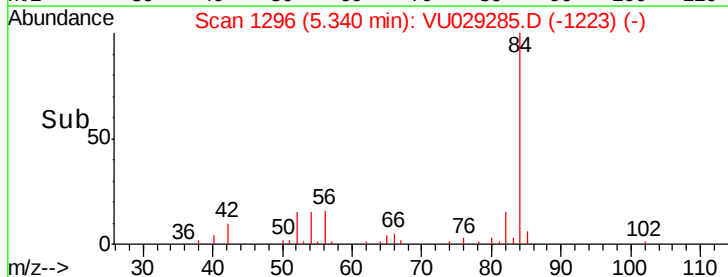
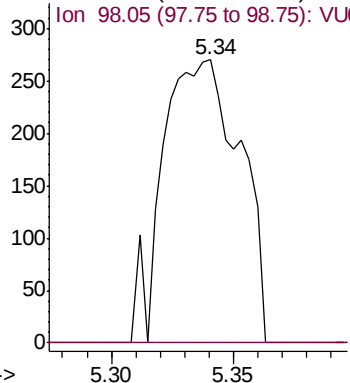


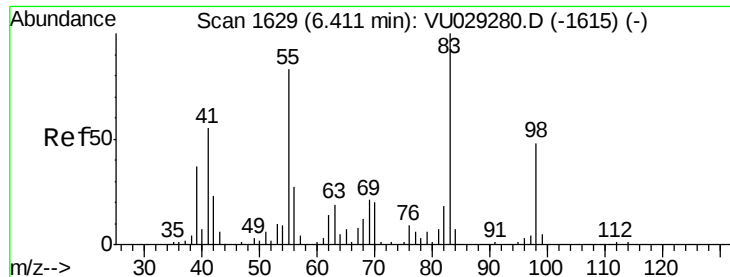
#27
1,2-Dichloroethane
Concen: 0.086 ug/L
RT: 5.34 min Scan# 1296
Delta R.T. -0.06 min
Lab File: VU029285.D
Acq: 25 Jan 2019 13:14

Tgt Ion: 62 Resp: 592
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#



Abundance Ion 62.00 (61.70 to 62.70): VU0
Ion 98.05 (97.75 to 98.75): VU0





#35

Methylcyclohexane

Concen: 0.828 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.08 min

Lab File: VU029285.D

Acq: 25 Jan 2019 13:14

Instrument :

MSVOA_U

ClientSampleId :

BEJG4

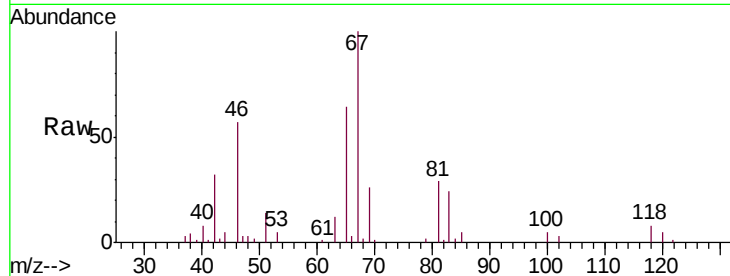
Tgt Ion: 83 Resp: 7130

Ion Ratio Lower Upper

83 100

55 0.0 66.3 99.5#

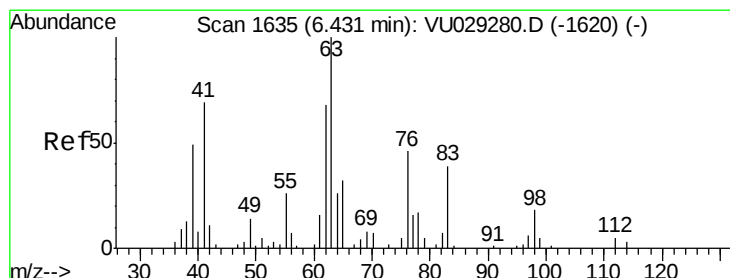
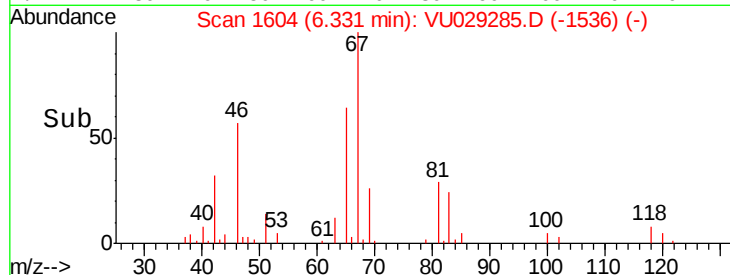
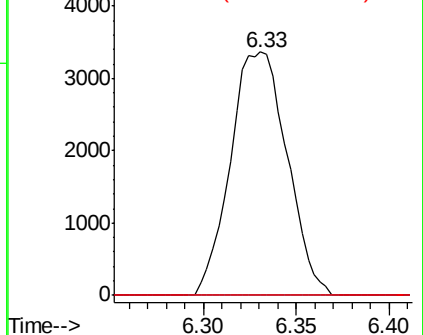
98 0.0 37.9 56.9#



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: 0.642 ug/L

RT: 6.33 min Scan# 1603

Delta R.T. -0.10 min

Lab File: VU029285.D

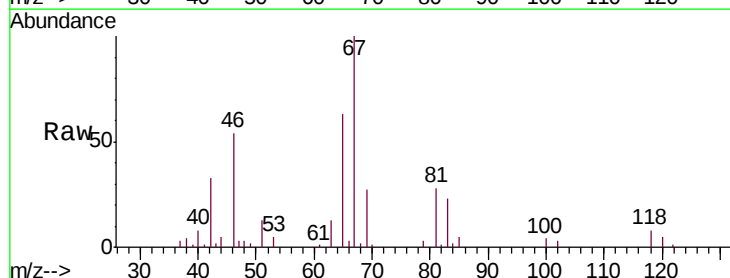
Acq: 25 Jan 2019 13:14

Tgt Ion: 63 Resp: 3444

Ion Ratio Lower Upper

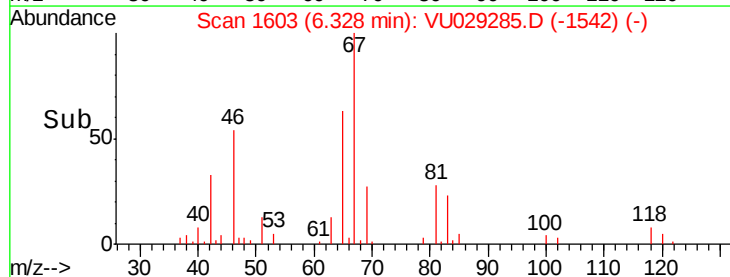
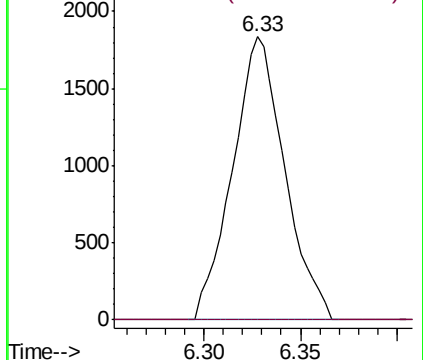
63 100

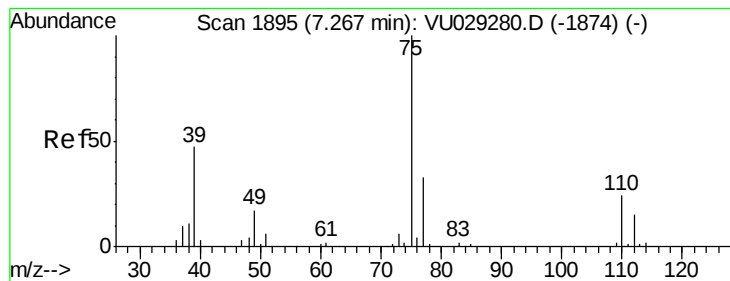
112 0.0 3.9 5.9#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V



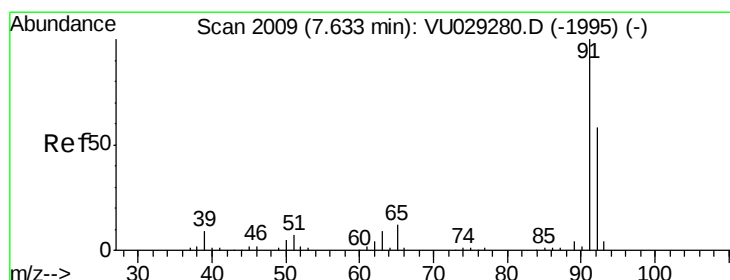
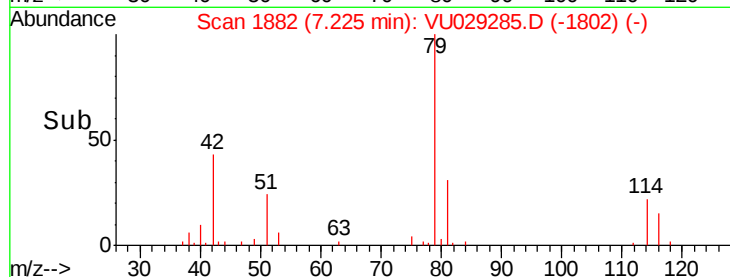
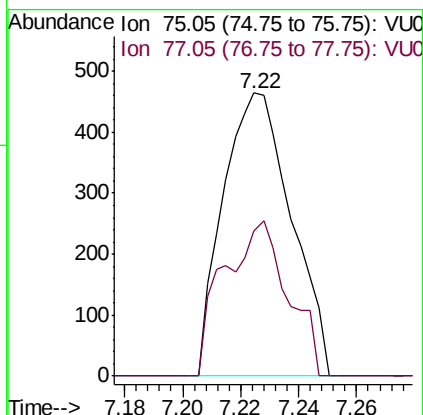
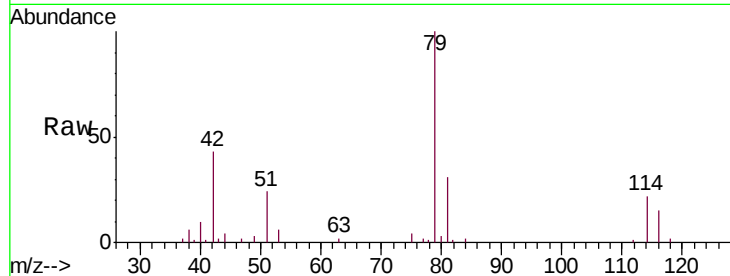


#39

cis-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.22 min Scan# 1882
 Delta R.T. -0.04 min
 Lab File: VU029285.D
 Acq: 25 Jan 2019 13:14

Instrument :
 MSVOA_U
 ClientSampleId :
 BEJG4

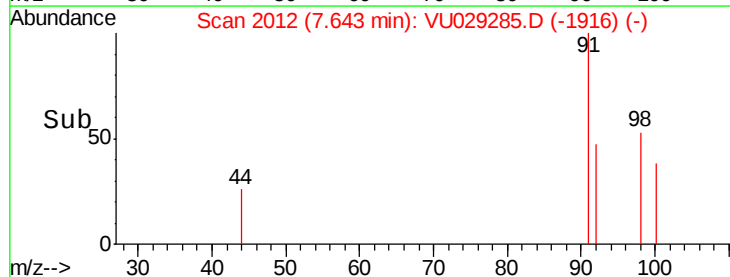
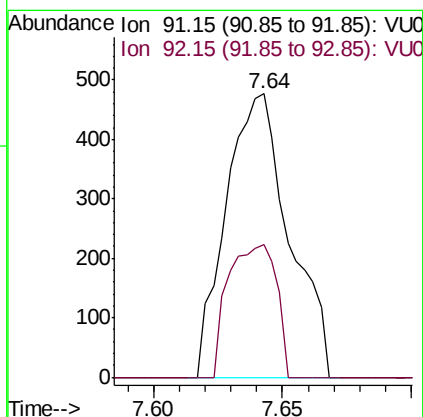
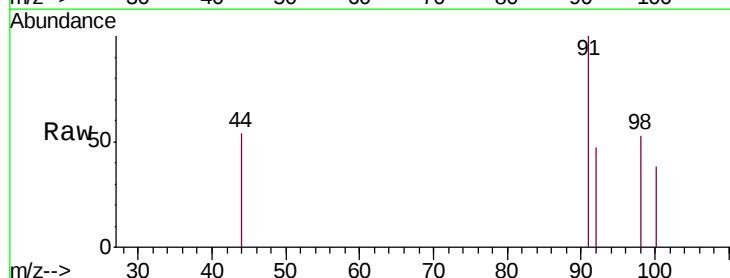
Tgt Ion: 75 Resp: 757
 Ion Ratio Lower Upper
 75 100
 77 51.3 23.2 43.0#

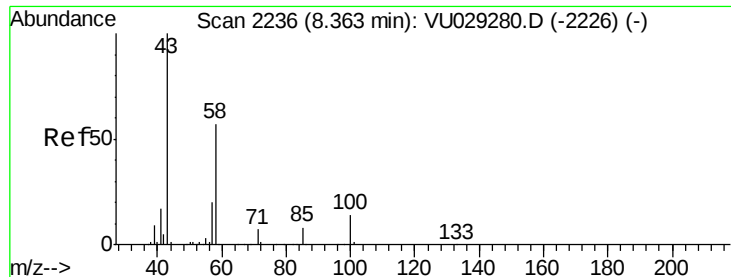


#42

Toluene
 Concen: 0.037 ug/L
 RT: 7.64 min Scan# 2012
 Delta R.T. 0.01 min
 Lab File: VU029285.D
 Acq: 25 Jan 2019 13:14

Tgt Ion: 91 Resp: 815
 Ion Ratio Lower Upper
 91 100
 92 47.0 40.9 75.9

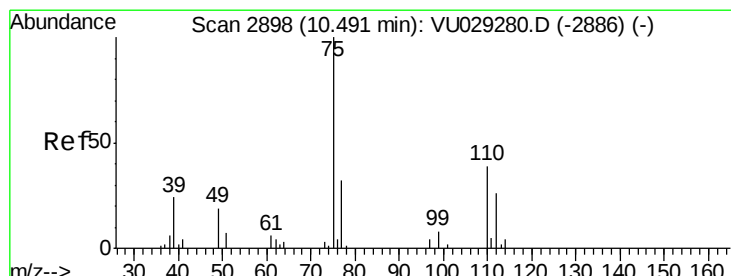
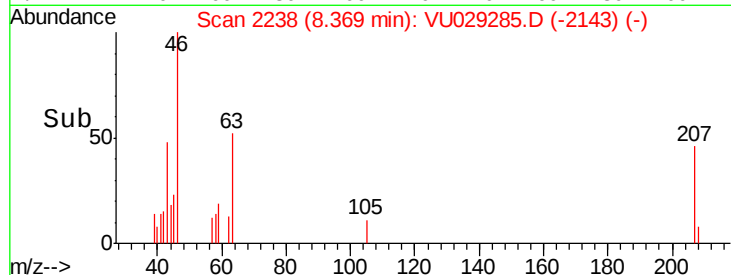
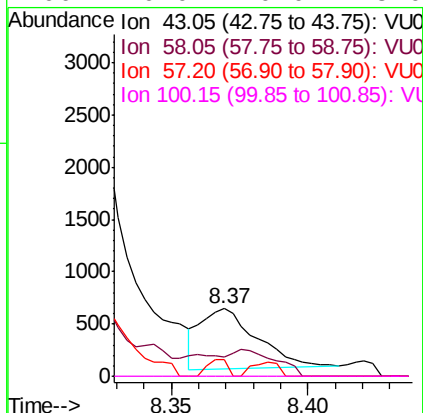
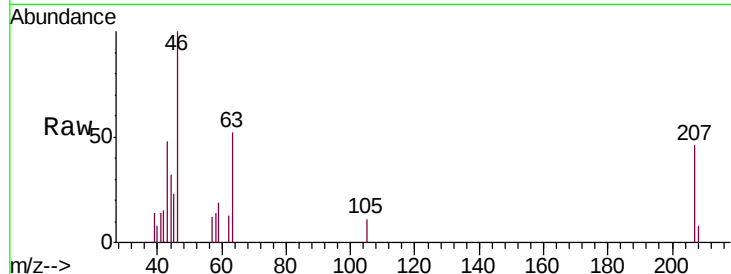




#48
 2-Hexanone
 Concen: 0.346 ug/L
 RT: 8.37 min Scan# 2238
 Delta R.T. 0.01 min
 Lab File: VU029285.D
 Acq: 25 Jan 2019 13:14

Instrument :
 MSVOA_U
 ClientSampleId :
 BEJG4

Tgt Ion: 43 Resp: 816
 Ion Ratio Lower Upper
 43 100
 58 35.0 44.2 66.2#
 57 9.8 15.4 23.2#
 100 0.0 10.0 15.0#



#59
 1,2,3-Trichloropropane
 Concen: 0.982 ug/L
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.99 min
 Lab File: VU029285.D
 Acq: 25 Jan 2019 13:14

Tgt Ion: 75 Resp: 3631
 Ion Ratio Lower Upper
 75 100
 77 39.6 26.2 39.4#

