

Data File : VU029482.D
Acq On : 15 Feb 2019 01:51
Operator : JC/SP
Sample : K1438-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESXE3

Quant Time: Feb 15 03:48:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 15 01:55:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	189837	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	177731	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	91427	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	47772	3.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.80%
7) Chloroethane-d5	1.68	69	49610	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.27	63	84906	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	4.19	46	130226	49.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.22%
24) Chloroform-d	4.65	84	94650	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.31	65	51168	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.34	84	199089	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.33	67	60546	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.56	98	184899	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	7.85	79	22985	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	8.31	63	139221	53.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.20%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	53821	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	84462	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

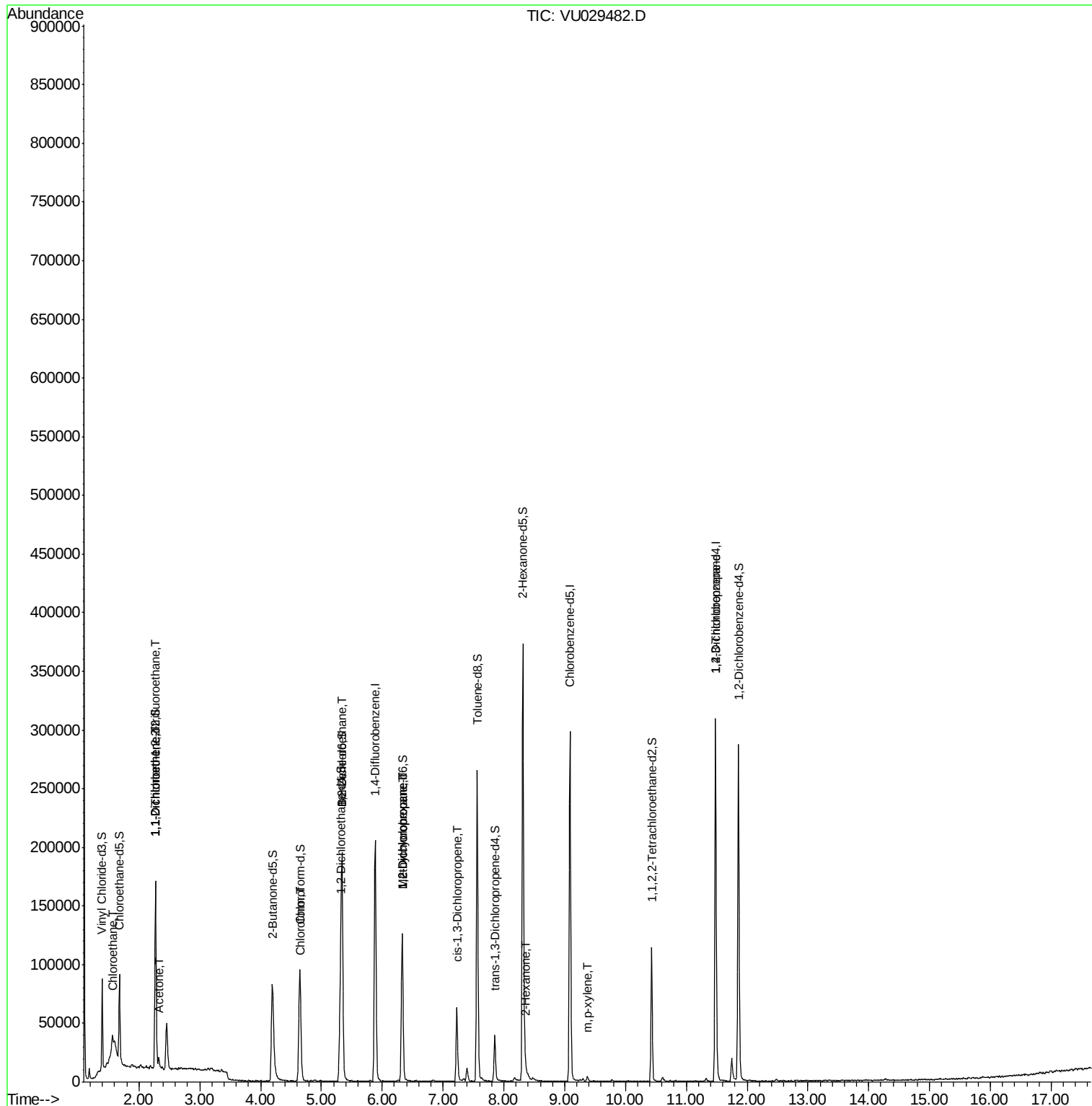
					Qvalue	
8) Chloroethane	1.57	64	35168	2.954	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	888	0.054	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	882	0.056	ug/L #	1
13) Acetone	2.32	43	8045	3.339	ug/L	99
25) Chloroform	4.67	83	3048	0.121	ug/L	94
27) 1,2-Dichloroethane	5.34	62	791	0.054	ug/L #	72
35) Methylcyclohexane	6.33	83	14725	0.595	ug/L #	22
37) 1,2-Dichloropropane	6.33	63	6524	0.498	ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	1429	0.069	ug/L #	41
48) 2-Hexanone	8.37	43	2078	0.377	ug/L #	69
53) m,p-xylene	9.38	106	1371	0.052	ug/L	91
59) 1,2,3-Trichloropropane	11.48	75	8831	1.051	ug/L	94

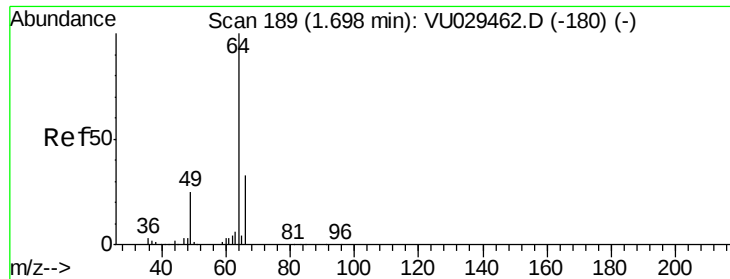
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 2.954 ug/L

RT: 1.57 min Scan# 148

Delta R.T. -0.13 min

Lab File: VU029482.D

Acq: 15 Feb 2019 01:51

Instrument :

MSVOA_U

ClientSampleId :

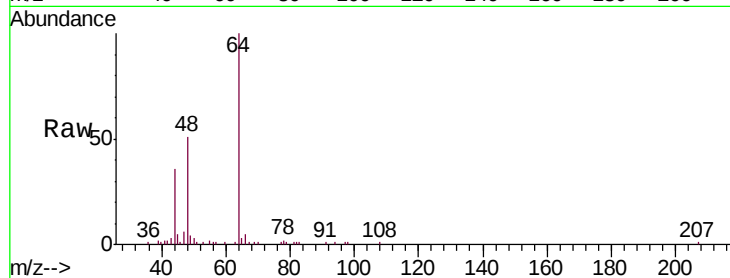
ESXE3

Tgt Ion: 64 Resp: 35168

Ion Ratio Lower Upper

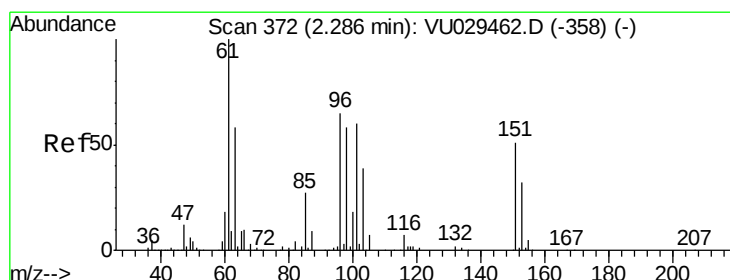
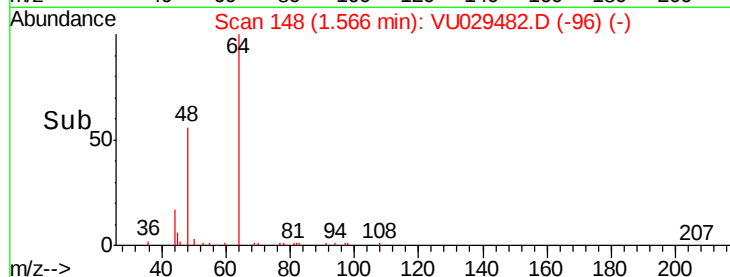
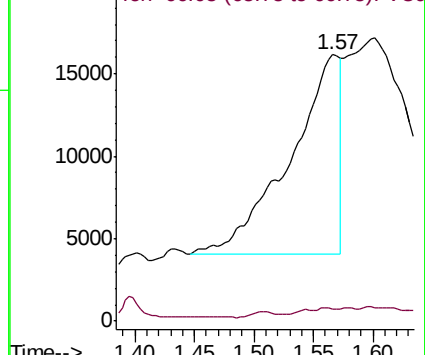
64 100

66 4.7 22.0 40.8#



Abundance Ion 64.10 (63.80 to 64.80): VU029482.D (-96) (-)

Ion 66.05 (65.75 to 66.75): VU029482.D (-96) (-)



#10

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

Concen: 0.054 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029482.D

Acq: 15 Feb 2019 01:51

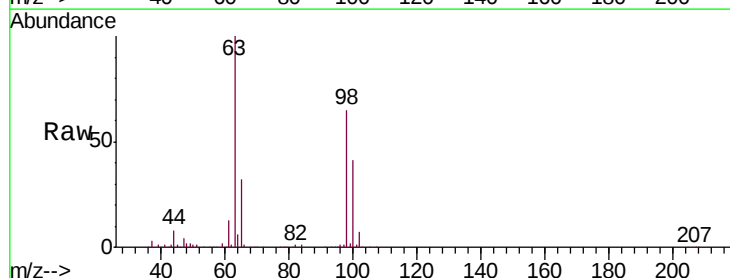
Tgt Ion: 101 Resp: 888

Ion Ratio Lower Upper

101 100

85 2.3 35.1 52.7#

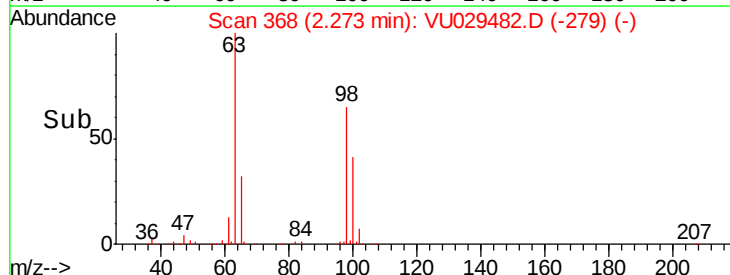
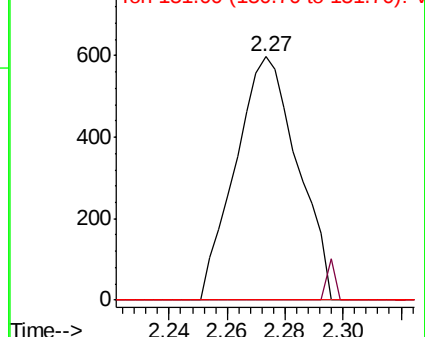
151 0.0 67.0 100.6#

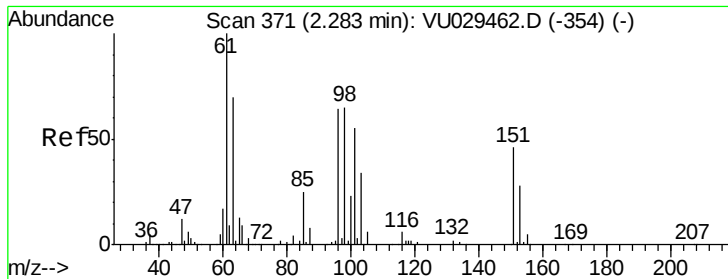


Abundance Ion 101.00 (100.70 to 101.70): VU029482.D (-279) (-)

Ion 85.00 (84.70 to 85.70): VU029482.D (-279) (-)

Ion 151.00 (150.70 to 151.70): VU029482.D (-279) (-)

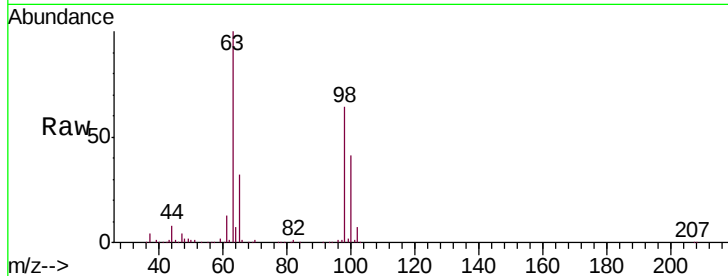




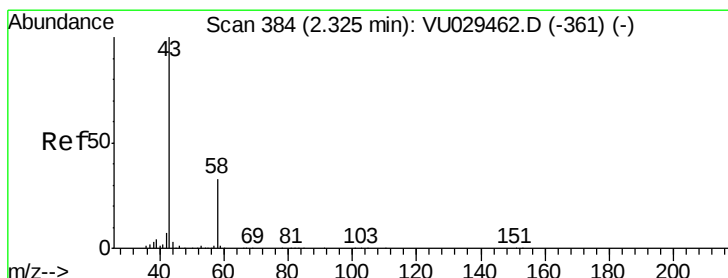
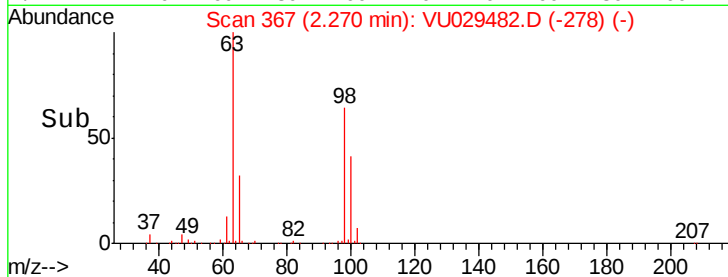
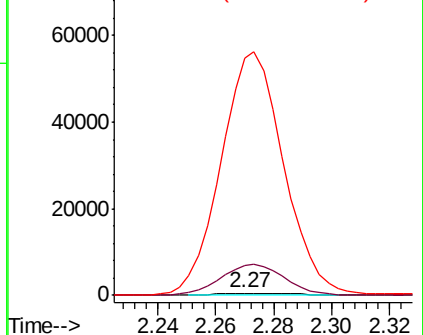
#12
 1,1-Dichloroethene
 Concen: 0.056 ug/L
 RT: 2.27 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VU029482.D
 Acq: 15 Feb 2019 01:51

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXE3

Tgt Ion: 96 Resp: 882
 Ion Ratio Lower Upper
 96 100
 61 1456.4 115.1 213.7#
 63 11513.3 83.5 155.1#

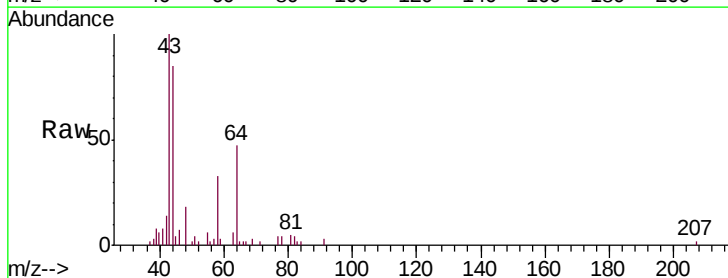


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 63.00 (62.70 to 63.70): VU0

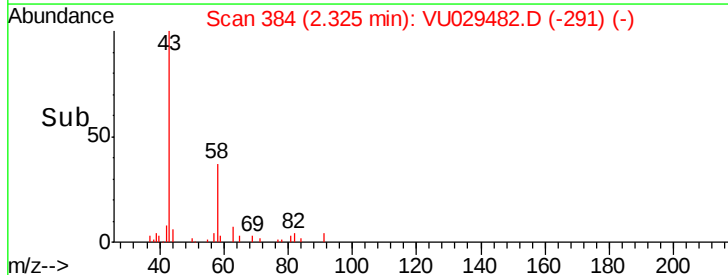
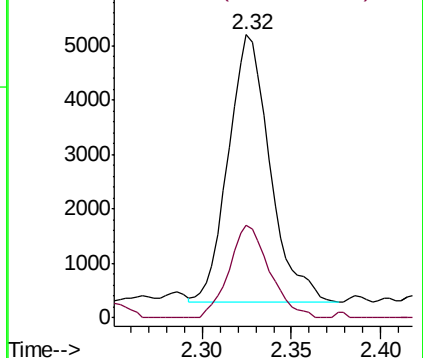


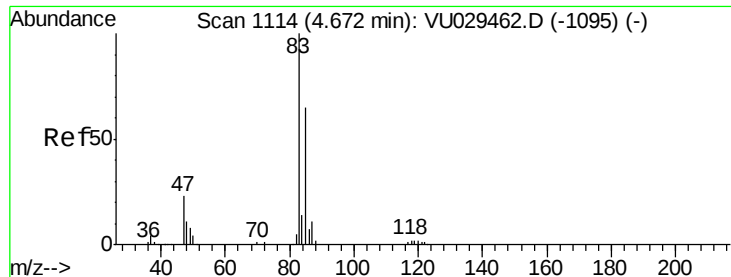
#13
 Acetone
 Concen: 3.339 ug/L
 RT: 2.32 min Scan# 384
 Delta R.T. -0.00 min
 Lab File: VU029482.D
 Acq: 15 Feb 2019 01:51

Tgt Ion: 43 Resp: 8045
 Ion Ratio Lower Upper
 43 100
 58 33.3 0.0 65.0



Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0





#25

Chloroform

Concen: 0.121 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VU029482.D

Acq: 15 Feb 2019 01:51

Instrument :

MSVOA_U

ClientSampleId :

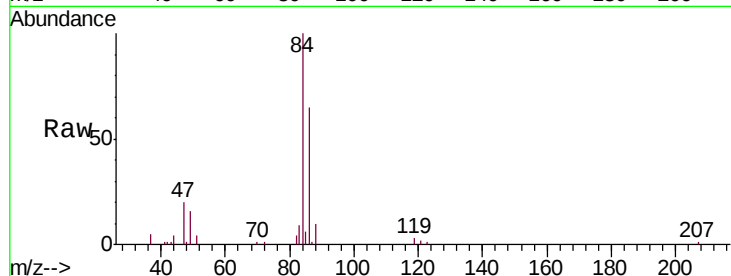
ESXE3

Tgt Ion: 83 Resp: 3048

Ion Ratio Lower Upper

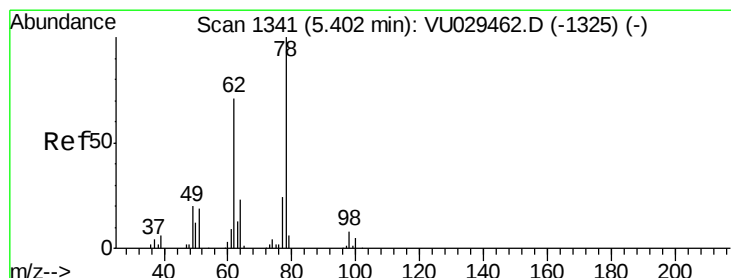
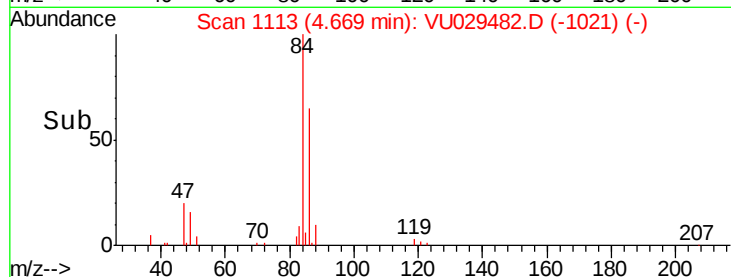
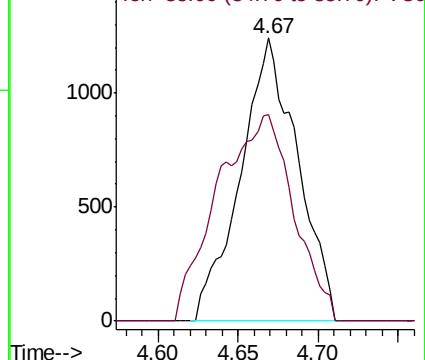
83 100

85 73.1 47.8 88.8



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0



#27

1,2-Dichloroethane

Concen: 0.054 ug/L

RT: 5.34 min Scan# 1322

Delta R.T. -0.06 min

Lab File: VU029482.D

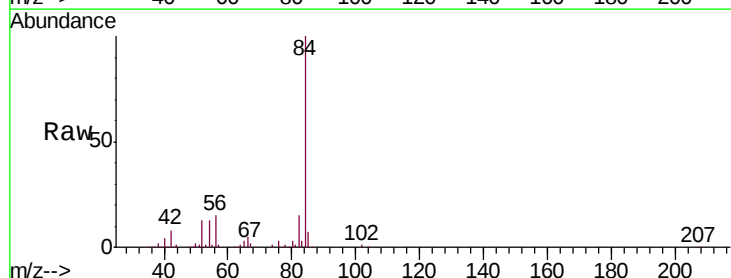
Acq: 15 Feb 2019 01:51

Tgt Ion: 62 Resp: 791

Ion Ratio Lower Upper

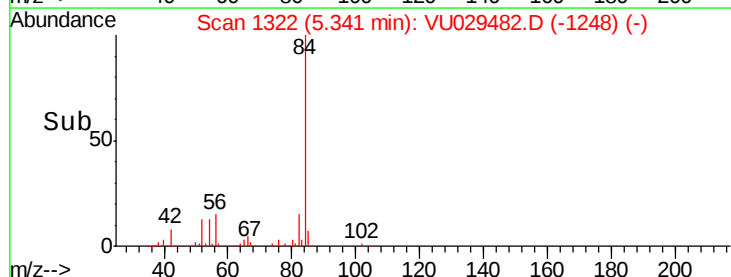
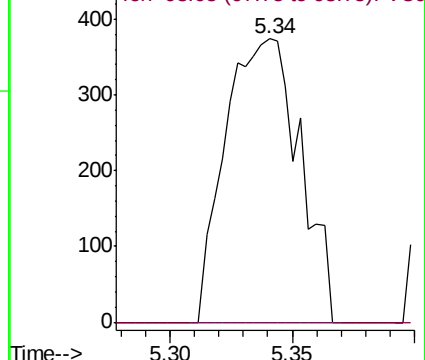
62 100

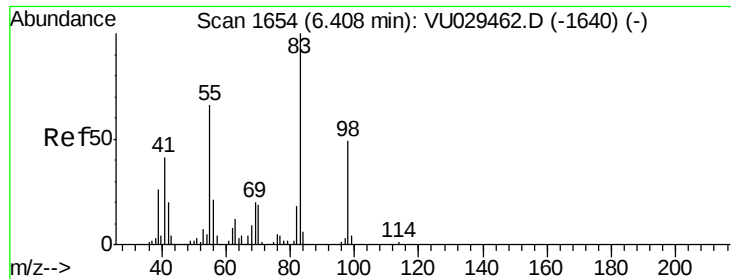
98 0.0 8.4 12.6#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0





#35

Methylcyclohexane

Concen: 0.595 ug/L

RT: 6.33 min Scan# 1630

Delta R.T. -0.08 min

Lab File: VU029482.D

Acq: 15 Feb 2019 01:51

Instrument :

MSVOA_U

ClientSampleId :

ESXE3

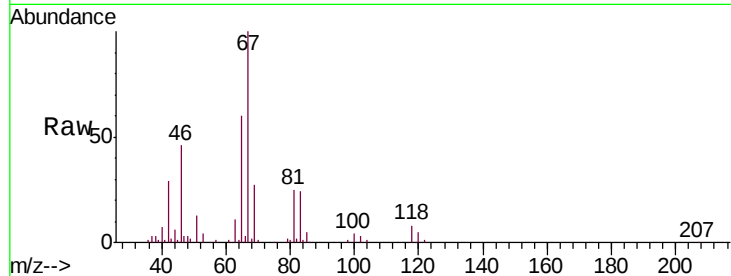
Tgt Ion: 83 Resp: 14725

Ion Ratio Lower Upper

83 100

55 0.6 55.9 83.9#

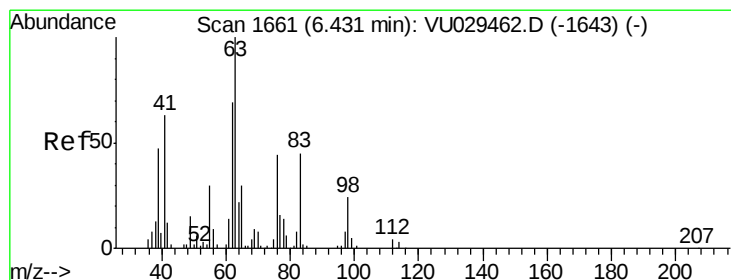
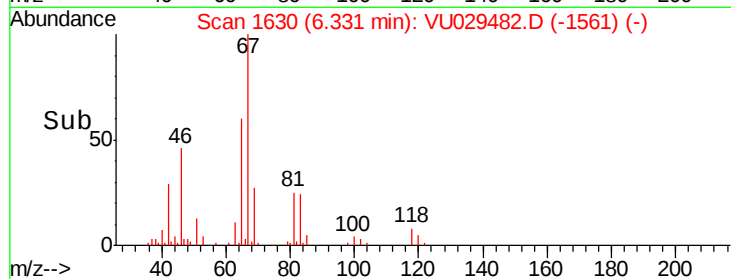
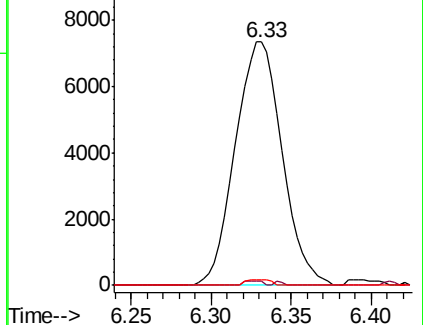
98 1.2 38.6 57.8#



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: 0.498 ug/L

RT: 6.33 min Scan# 1630

Delta R.T. -0.10 min

Lab File: VU029482.D

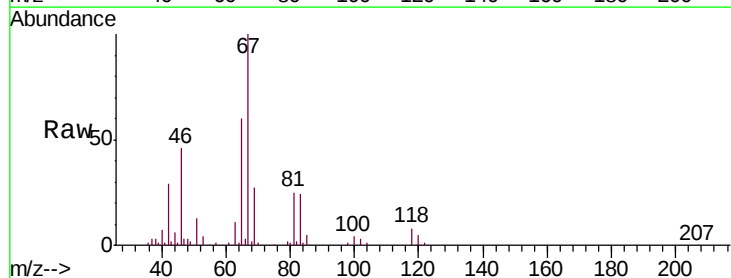
Acq: 15 Feb 2019 01:51

Tgt Ion: 63 Resp: 6524

Ion Ratio Lower Upper

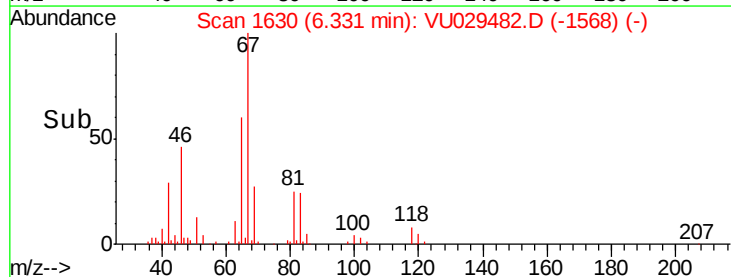
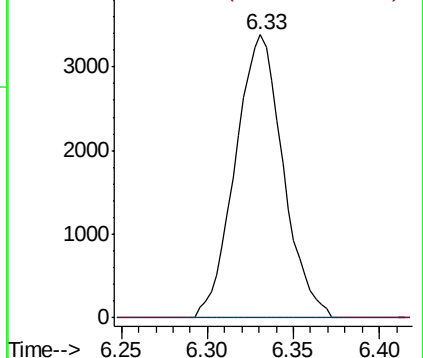
63 100

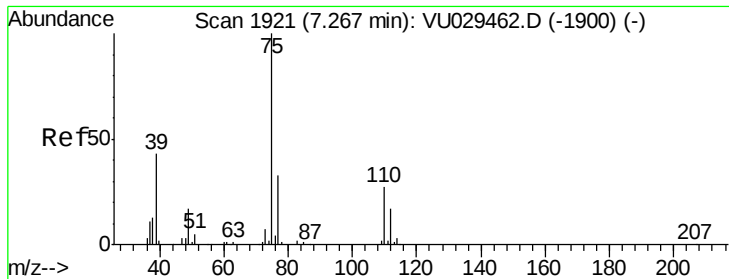
112 0.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V



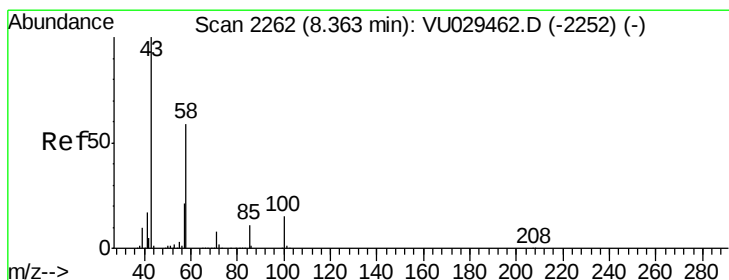
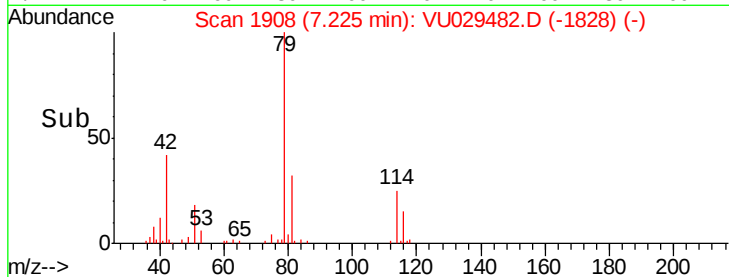
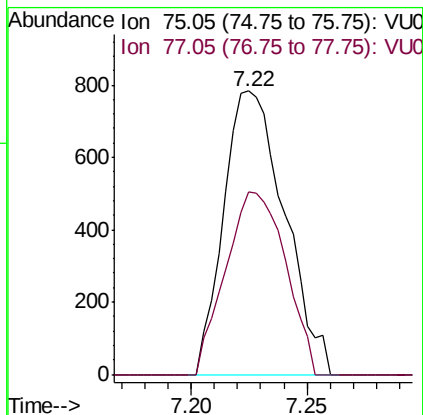
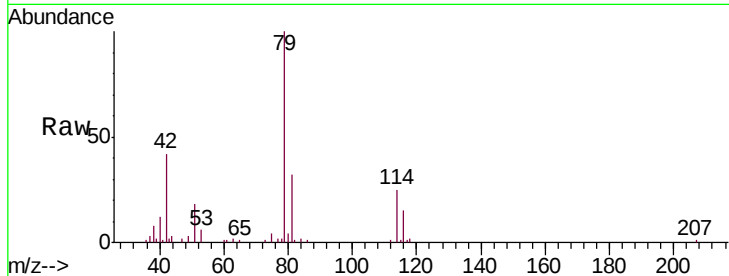


#39

cis-1,3-Dichloropropene
 Concen: 0.069 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU029482.D
 Acq: 15 Feb 2019 01:51

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXE3

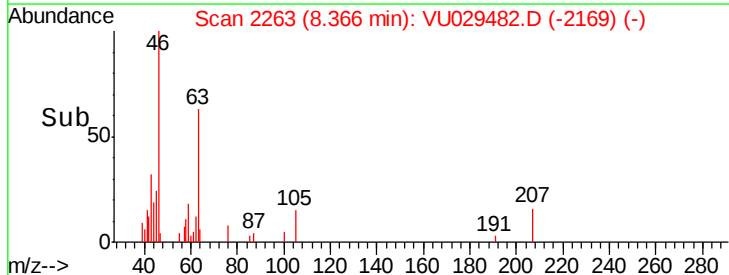
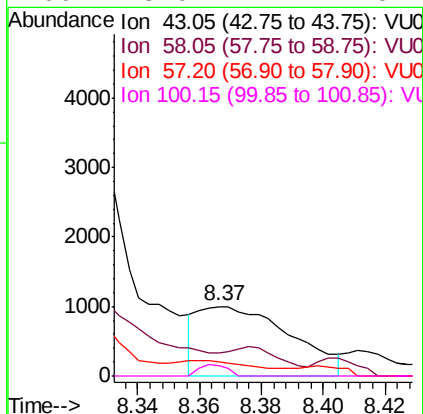
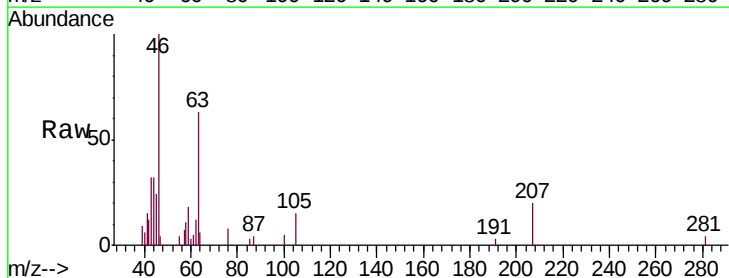
Tgt Ion: 75 Resp: 1429
 Ion Ratio Lower Upper
 75 100
 77 64.4 22.3 41.3#

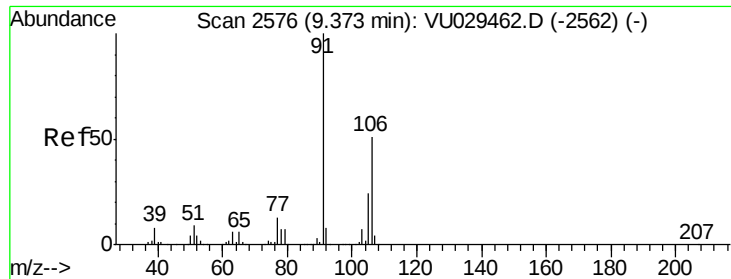


#48

2-Hexanone
 Concen: 0.377 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.00 min
 Lab File: VU029482.D
 Acq: 15 Feb 2019 01:51

Tgt Ion: 43 Resp: 2078
 Ion Ratio Lower Upper
 43 100
 58 24.5 45.7 68.5#
 57 19.5 16.4 24.6
 100 5.0 11.1 16.7#





#53

m,p-xylene

Concen: 0.052 ug/L

RT: 9.38 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VU029482.D

Acq: 15 Feb 2019 01:51

Instrument :

MSVOA_U

ClientSampleId :

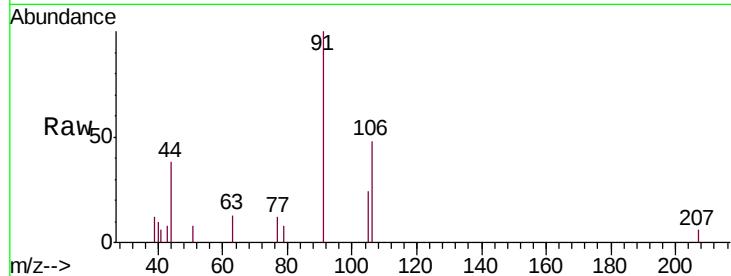
ESXE3

Tgt Ion:106 Resp: 1371

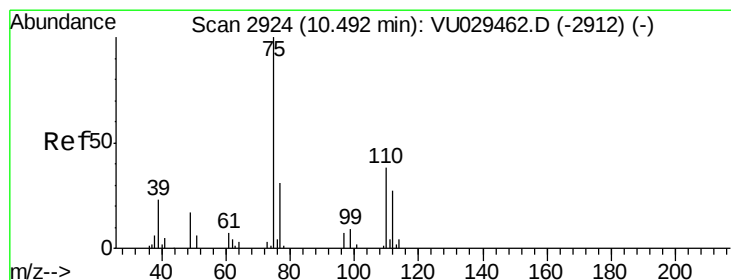
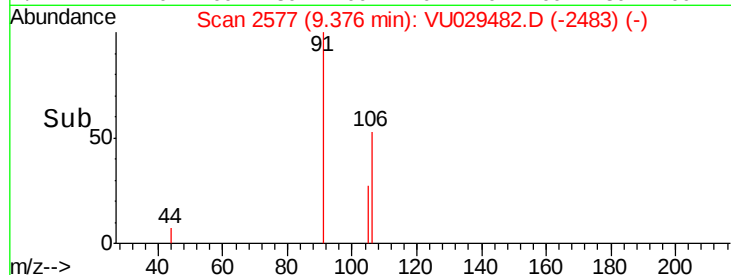
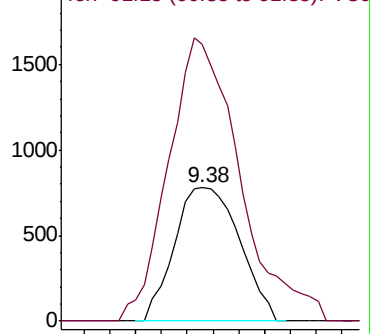
Ion Ratio Lower Upper

106 100

91 207.8 135.7 251.9



Abundance Ion 106.15 (105.85 to 106.85): VU029482.D (-2483) (-)



#59

1,2,3-Trichloropropane

Concen: 1.051 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029482.D

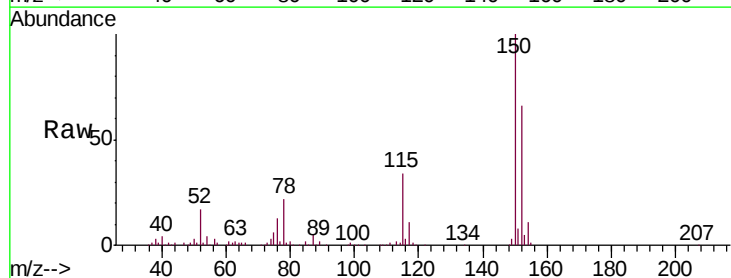
Acq: 15 Feb 2019 01:51

Tgt Ion: 75 Resp: 8831

Ion Ratio Lower Upper

75 100

77 38.4 28.2 42.2



Abundance Ion 75.00 (74.70 to 75.70): VU029482.D (-2302) (-)

