

Data File : VU029287.D
Acq On : 25 Jan 2019 14:02
Operator : JC/SP
Sample : K1222-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEJG3

Quant Time: Jan 28 02:24:32 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	61780	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	64159	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	29364	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	29380	5.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.40%
7) Chloroethane-d5	1.68	69	22897	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.00%
11) 1,1-Dichloroethene-d2	2.27	63	39462	3.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.00%
20) 2-Butanone-d5	4.22	46	67916	56.30	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.60%
24) Chloroform-d	4.65	84	49868	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.31	65	28378	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.34	84	90989	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.33	67	27706	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.56	98	80140	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	7.85	79	12447	5.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.40%
46) 2-Hexanone-d5	8.31	63	61534	54.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.84%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	24212	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	33218	5.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.40%

Target Compounds

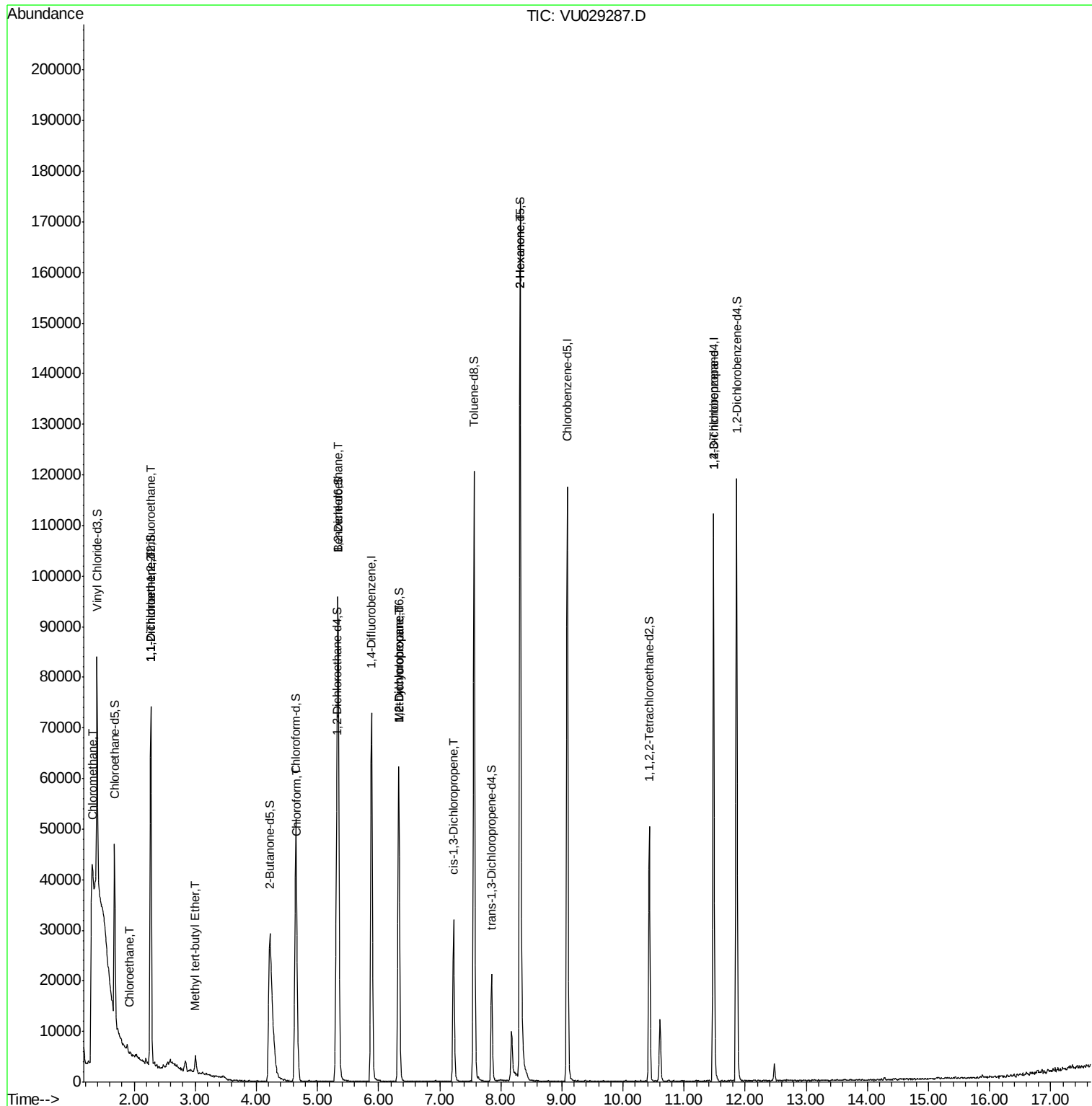
					Qvalue	
3) Chloromethane	1.32	50	2362	0.315	ug/L #	42
8) Chloroethane	1.93	64	688	0.164	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	333	0.066	ug/L #	17
12) 1,1-Dichloroethene	2.28	96	315	0.067	ug/L #	1
17) Methyl tert-butyl Ether	3.01	73	3026	0.249	ug/L #	90
25) Chloroform	4.67	83	6051	0.639	ug/L	94
27) 1,2-Dichloroethane	5.34	62	439	0.068	ug/L #	77
35) Methylcyclohexane	6.33	83	7102	0.838	ug/L #	16
37) 1,2-Dichloropropane	6.33	63	3480	0.659	ug/L #	85
39) cis-1,3-Dichloropropene	7.22	75	749	0.099	ug/L #	67
48) 2-Hexanone	8.32	43	7907	3.404	ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	3491	0.960	ug/L	97

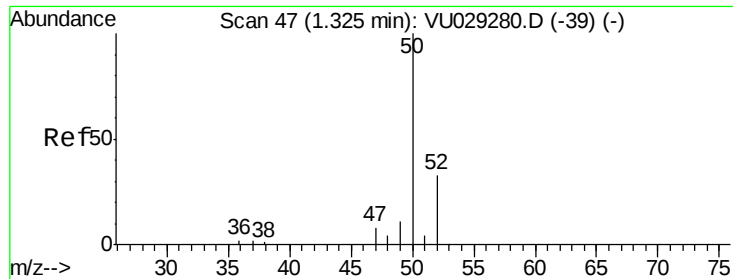
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.315 ug/L

RT: 1.32 min Scan# 46

Delta R.T. -0.00 min

Lab File: VU029287.D

Acq: 25 Jan 2019 14:02

Instrument :

MSVOA_U

ClientSampleId :

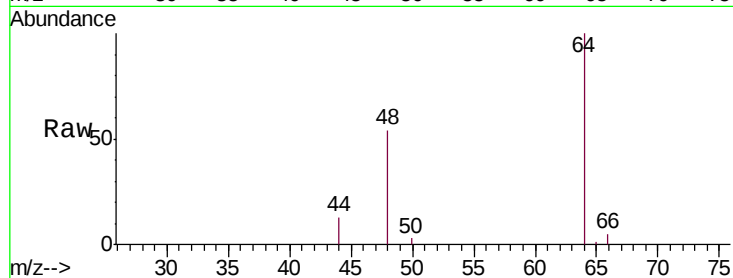
BEJG3

Tgt Ion: 50 Resp: 2362

Ion Ratio Lower Upper

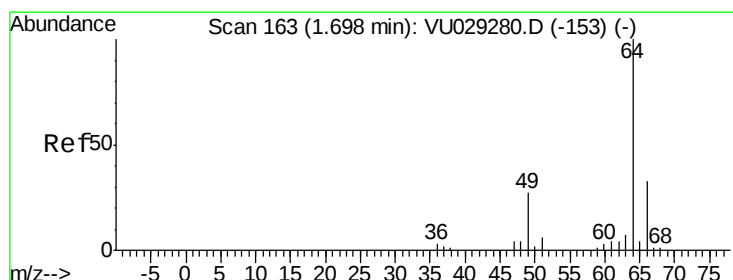
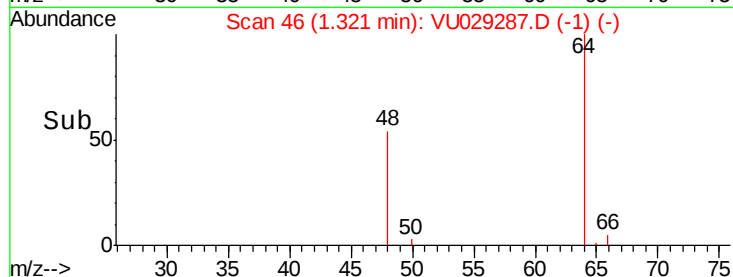
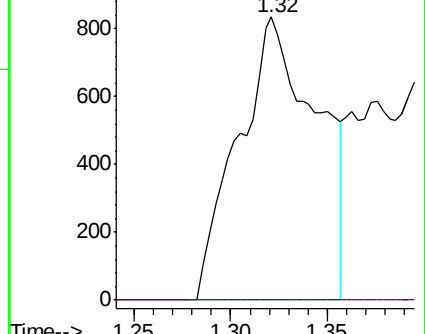
50 100

52 0.0 22.9 42.5#



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#8

Chloroethane

Concen: 0.164 ug/L

RT: 1.93 min Scan# 236

Delta R.T. 0.23 min

Lab File: VU029287.D

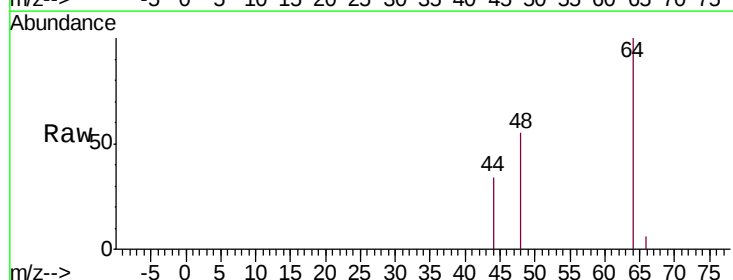
Acq: 25 Jan 2019 14:02

Tgt Ion: 64 Resp: 688

Ion Ratio Lower Upper

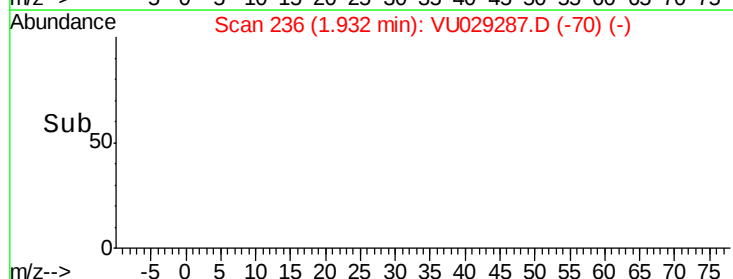
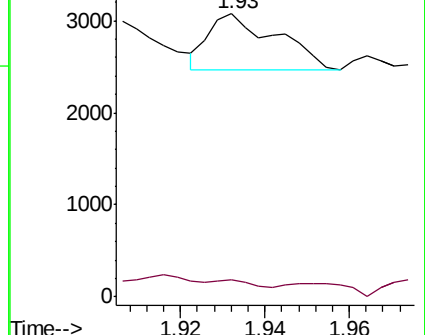
64 100

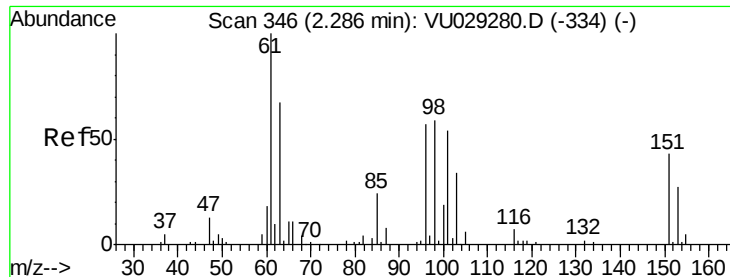
66 6.1 22.7 42.1#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0





#10

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

Concen: 0.066 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU029287.D

Acq: 25 Jan 2019 14:02

Instrument :

MSVOA_U

ClientSampleId :

BEJG3

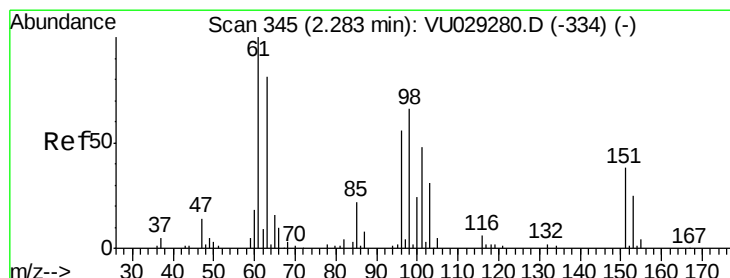
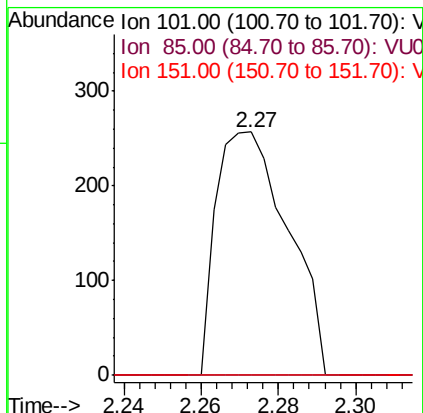
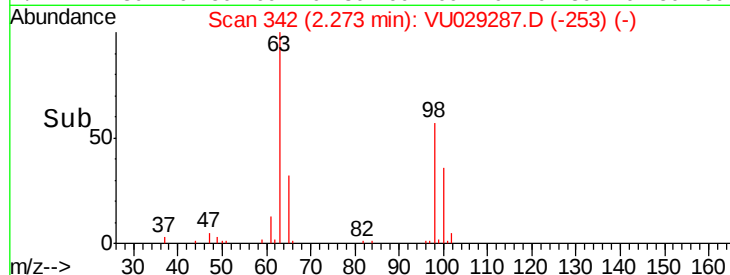
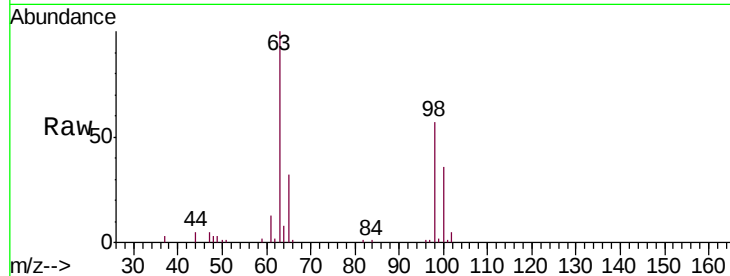
Tgt Ion: 101 Resp: 333

Ion Ratio Lower Upper

101 100

85 0.0 36.2 54.2#

151 0.0 64.5 96.7#



#12

1,1-Dichloroethene

Concen: 0.067 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU029287.D

Acq: 25 Jan 2019 14:02

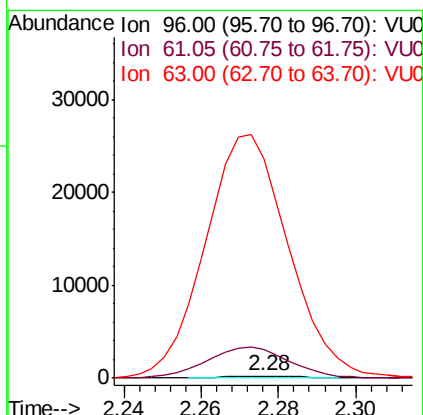
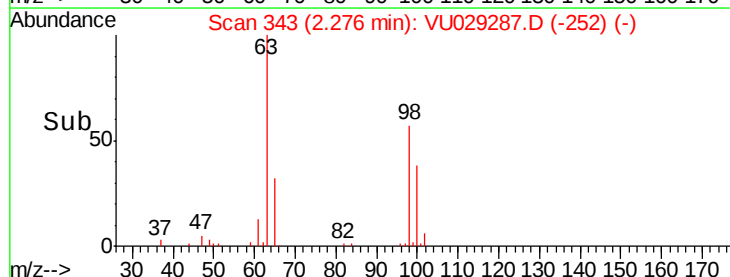
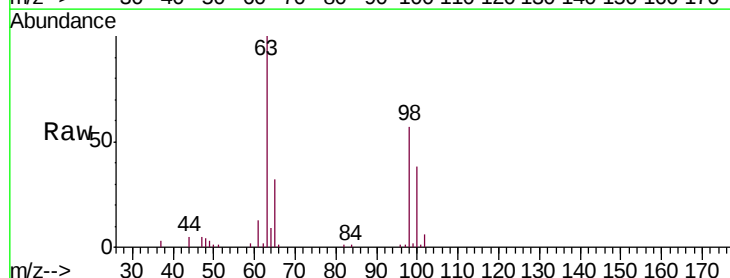
Tgt Ion: 96 Resp: 315

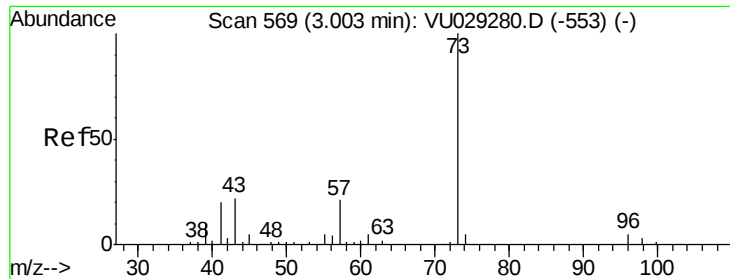
Ion Ratio Lower Upper

96 100

61 1268.4 125.4 233.0#

63 9682.0 105.8 196.4#

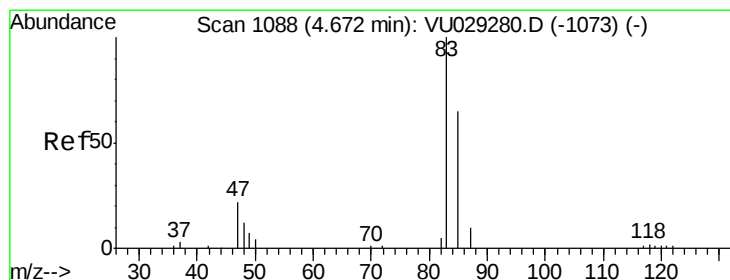
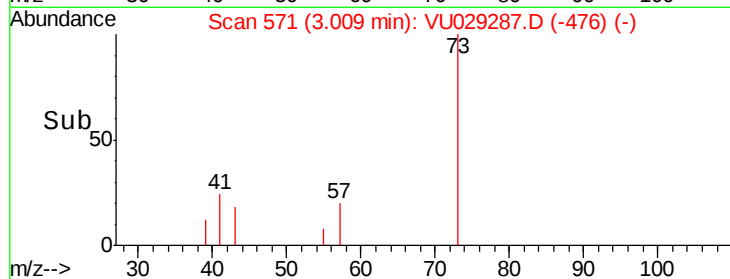
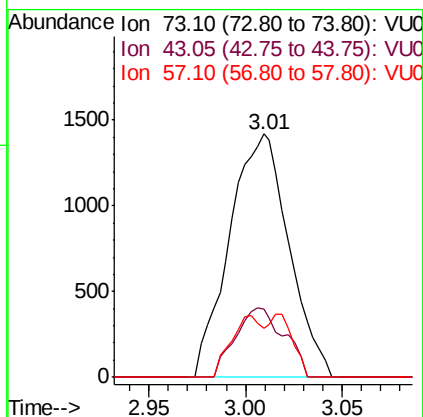
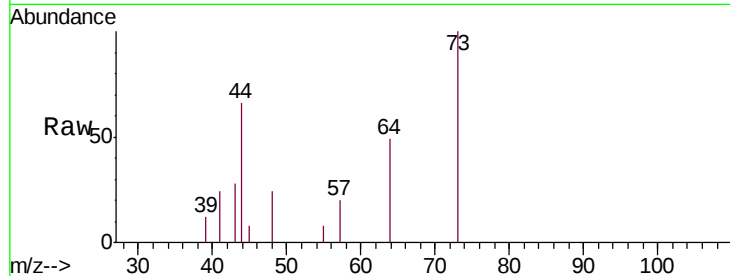




#17
Methyl tert-butyl Ether
Concen: 0.249 ug/L
RT: 3.01 min Scan# 571
Delta R.T. 0.01 min
Lab File: VU029287.D
Acq: 25 Jan 2019 14:02

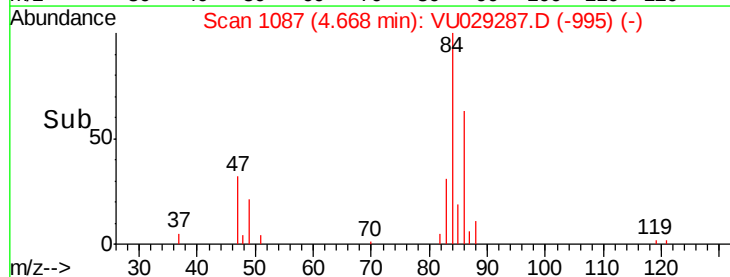
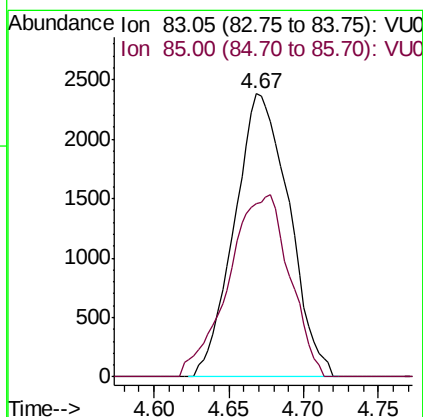
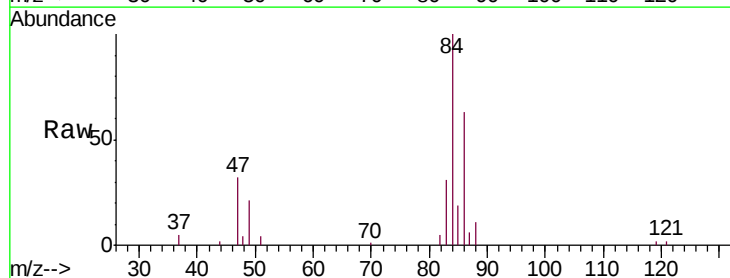
Instrument :
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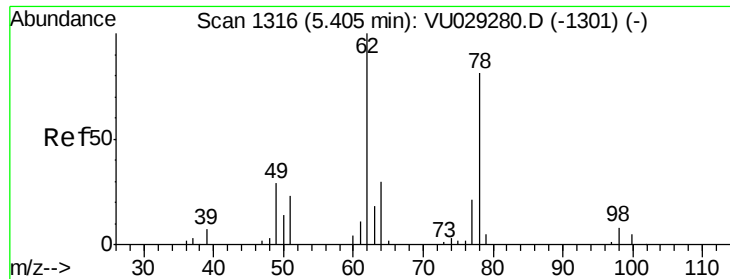
Tgt Ion: 73 Resp: 3026
Ion Ratio Lower Upper
73 100
43 23.4 17.4 26.2
57 13.4 17.1 25.7#



#25
Chloroform
Concen: 0.639 ug/L
RT: 4.67 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VU029287.D
Acq: 25 Jan 2019 14:02

Tgt Ion: 83 Resp: 6051
Ion Ratio Lower Upper
83 100
85 61.1 46.1 85.7

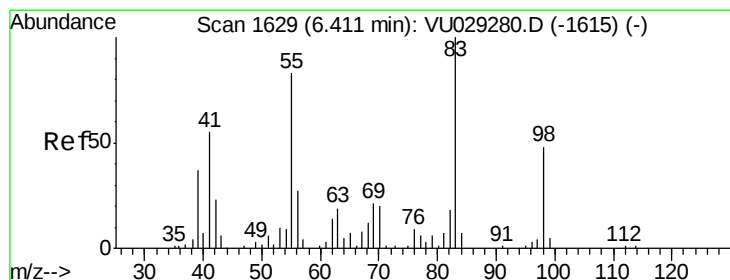
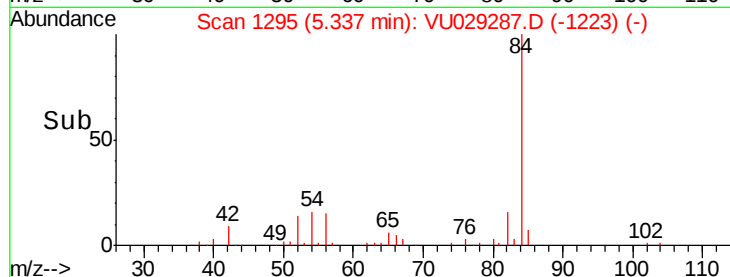
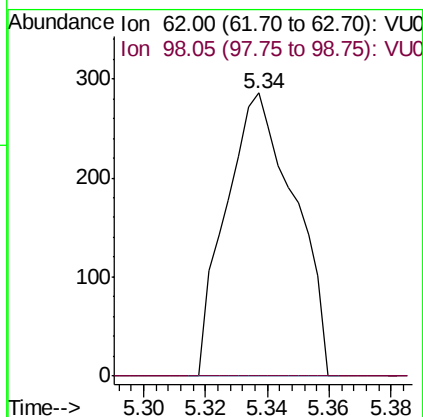
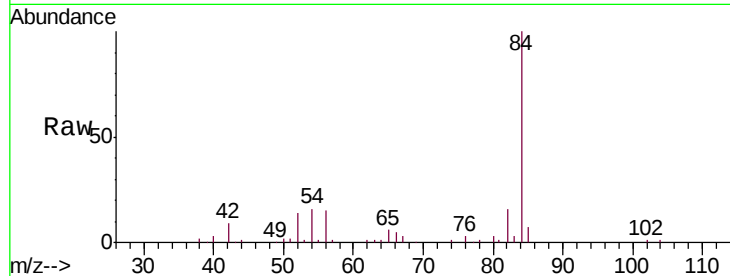




#27
 1,2-Dichloroethane
 Concen: 0.068 ug/L
 RT: 5.34 min Scan# 1295
 Delta R.T. -0.07 min
 Lab File: VU029287.D
 Acq: 25 Jan 2019 14:02

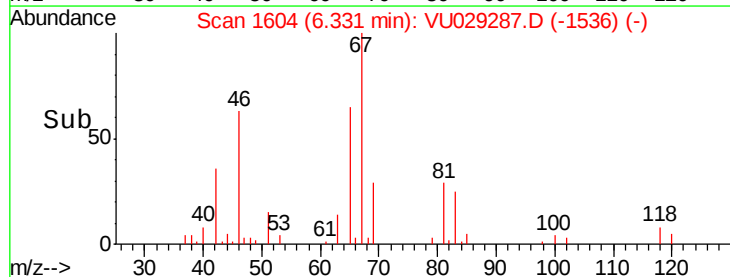
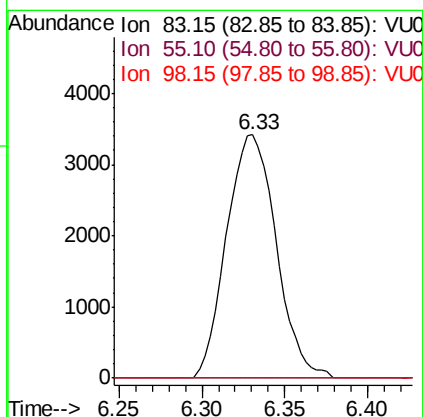
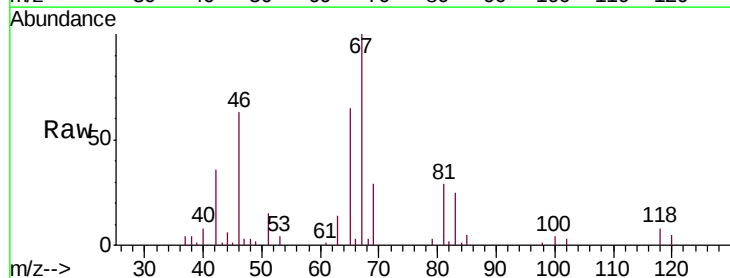
Instrument :
 MSVOA_U
 ClientSampleId :
 BEJG3

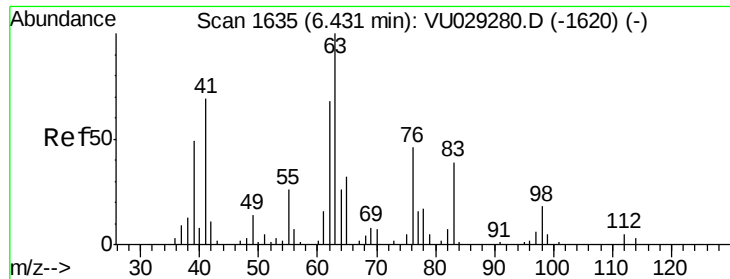
Tgt Ion: 62 Resp: 439
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



#35
 Methylcyclohexane
 Concen: 0.838 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.08 min
 Lab File: VU029287.D
 Acq: 25 Jan 2019 14:02

Tgt Ion: 83 Resp: 7102
 Ion Ratio Lower Upper
 83 100
 55 0.0 66.3 99.5#
 98 0.0 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.659 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.10 min

Lab File: VU029287.D

Acq: 25 Jan 2019 14:02

Instrument :

MSVOA_U

ClientSampleId :

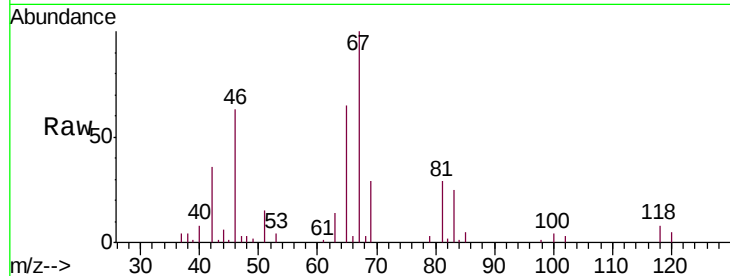
BEJG3

Tgt Ion: 63 Resp: 3480

Ion Ratio Lower Upper

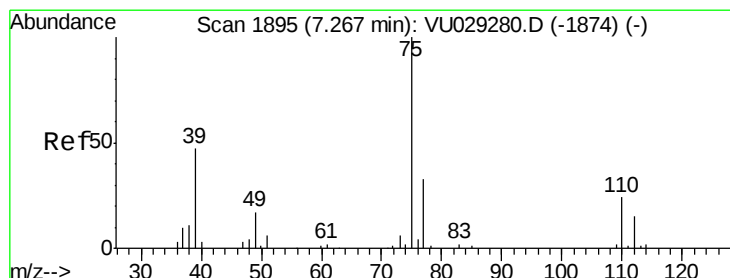
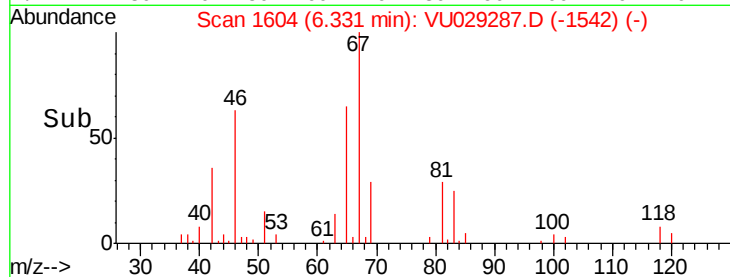
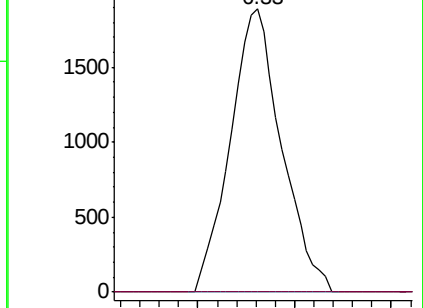
63 100

112 0.0 3.9 5.9#



Abundance Ion 63.10 (62.80 to 63.80): VU029280.D (-1620) (-)

Ion 112.10 (111.80 to 112.80): VU029280.D (-1620) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 7.22 min Scan# 1882

Delta R.T. -0.04 min

Lab File: VU029287.D

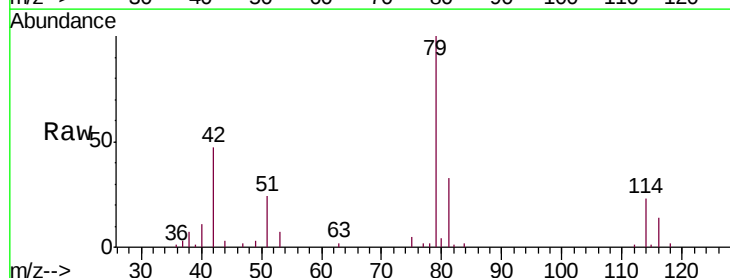
Acq: 25 Jan 2019 14:02

Tgt Ion: 75 Resp: 749

Ion Ratio Lower Upper

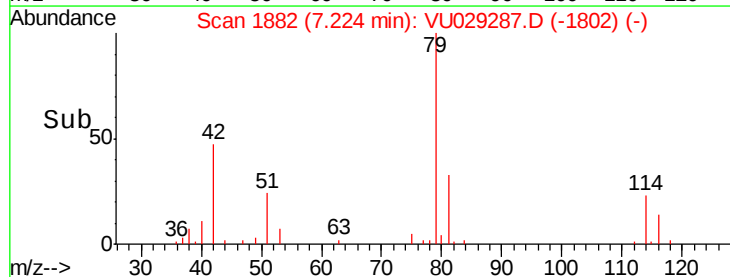
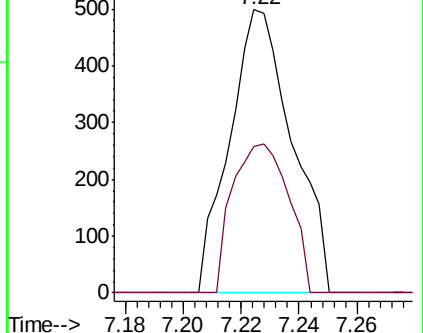
75 100

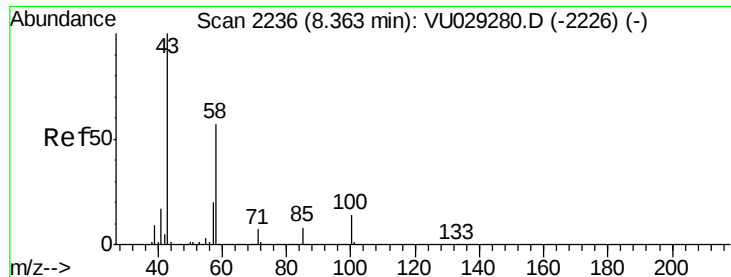
77 51.6 23.2 43.0#



Abundance Ion 75.05 (74.75 to 75.75): VU029280.D (-1874) (-)

Ion 77.05 (76.75 to 77.75): VU029280.D (-1874) (-)

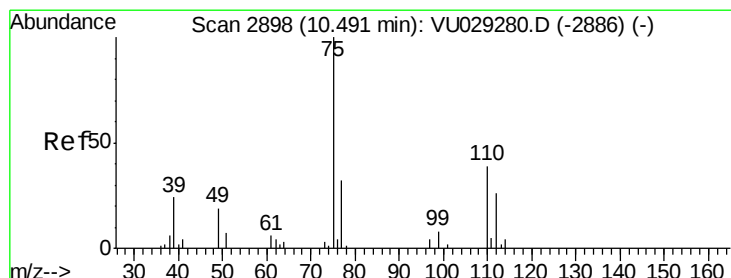
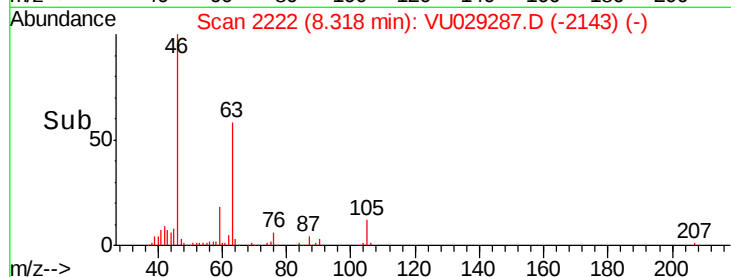
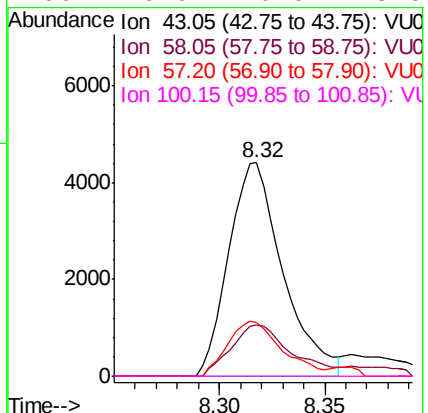
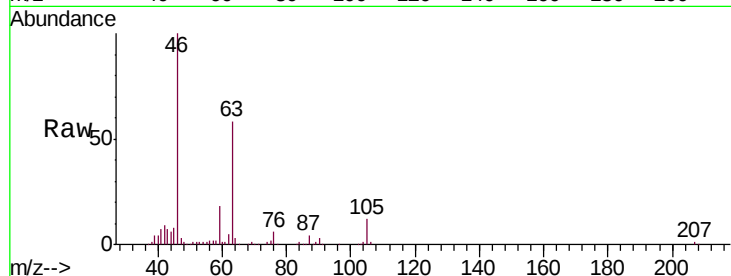




#48
2-Hexanone
Concen: 3.404 ug/L
RT: 8.32 min Scan# 2222
Delta R.T. -0.05 min
Lab File: VU029287.D
Acq: 25 Jan 2019 14:02

Instrument :
MSVOA_U
ClientSampleId :
BEJG3

Tgt Ion: 43 Resp: 7907
Ion Ratio Lower Upper
43 100
58 26.6 44.2 66.2#
57 25.8 15.4 23.2#
100 0.0 10.0 15.0#



#59
1,2,3-Trichloropropane
Concen: 0.960 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU029287.D
Acq: 25 Jan 2019 14:02

Tgt Ion: 75 Resp: 3491
Ion Ratio Lower Upper
75 100
77 31.2 26.2 39.4

