

Data File : VU029071.D
Acq On : 07 Jan 2019 21:05
Operator : MD/SY
Sample : K1051-05
Misc : 6.37g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE9X3

Quant Time: Jan 08 03:17:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 08 03:12:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	190605	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	188468	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	84938	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	61135	40.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.02%
7) Chloroethane-d5	1.64	69	41258	34.96	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.92%#
11) 1,1-Dichloroethene-d2	2.22	63	80450	31.31	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.62%
21) 2-Butanone-d5	4.20	46	99736	93.16	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.16%
24) Chloroform-d	4.64	84	104653	43.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.10%
26) 1,2-Dichloroethane-d4	5.30	65	66897	45.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.34%
32) Benzene-d6	5.33	84	228315	42.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.76%
36) 1,2-Dichloropropane-d6	6.32	67	79093	43.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.46%
41) Toluene-d8	7.56	98	199735	41.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.80%
43) trans-1,3-Dichloropropene-	7.85	79	34513	42.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.16%
47) 2-Hexanone-d5	8.32	63	76893	89.50	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.50%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	123830	49.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.70%
64) 1,2-Dichlorobenzene-d4	11.86	152	79451	46.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.50%

Target Compounds

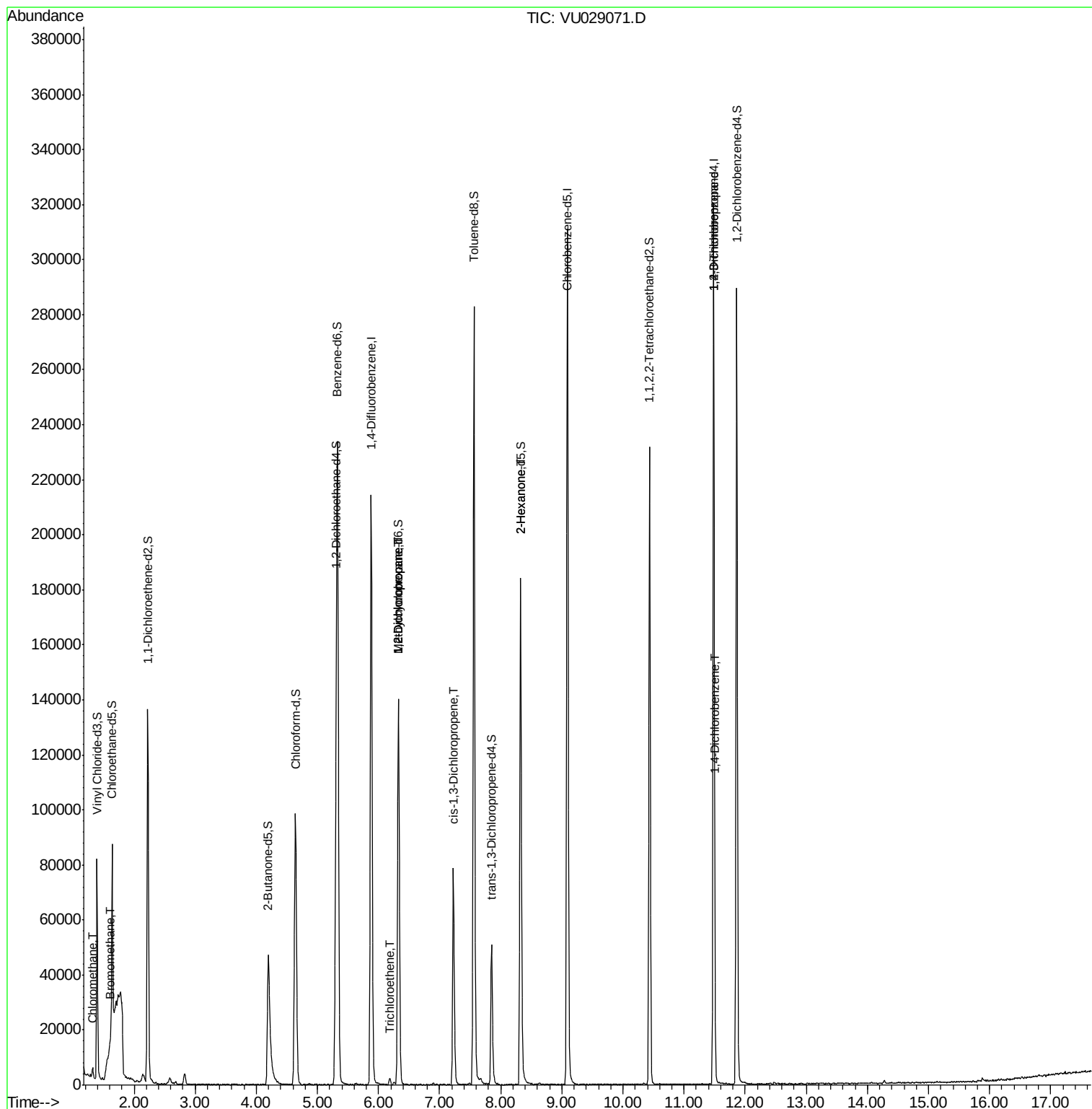
					Qvalue
3) Chloromethane	1.32	50	2843	1.345 ug/L	100
6) Bromomethane	1.59	94	534	0.671 ug/L	88
34) Trichloroethene	6.19	95	996	0.688 ug/L	94
35) Methylcyclohexane	6.32	83	16641	6.897 ug/L #	18
37) 1,2-Dichloropropane	6.32	63	7720	4.603 ug/L #	90
39) cis-1,3-Dichloropropene	7.22	75	1762	0.737 ug/L #	46
48) 2-Hexanone	8.32	43	8581	4.638 ug/L #	64
59) 1,2,3-Trichloropropane	11.48	75	10594	5.293 ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	1537	0.553 ug/L	86

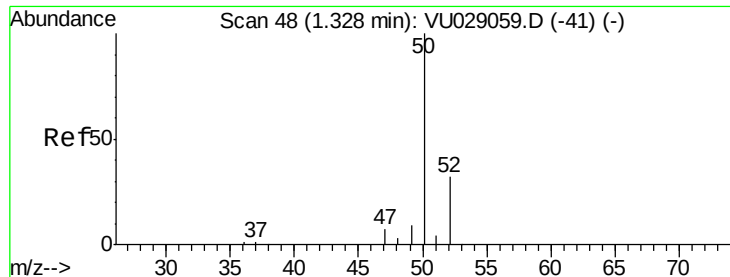
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU029071.D
Acq On : 07 Jan 2019 21:05
Operator : MD/SY
Sample : K1051-05
Misc : 6.37g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE9X3

Quant Time: Jan 08 03:17:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 08 03:12:02 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 1.345 ug/L

RT: 1.32 min Scan# 46

Delta R.T. -0.01 min

Lab File: VU029071.D

Acq: 07 Jan 2019 21:05

Instrument :

MSVOA_U

ClientSampled :

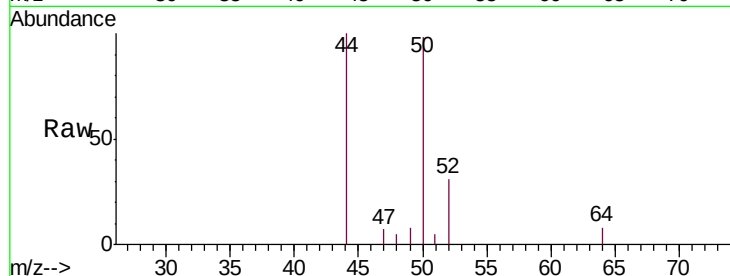
BE9X3

Tgt Ion: 50 Resp: 2843

Ion Ratio Lower Upper

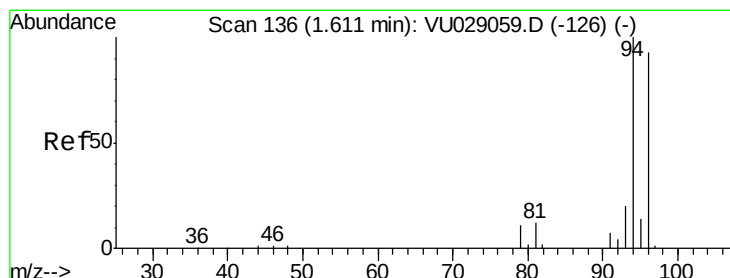
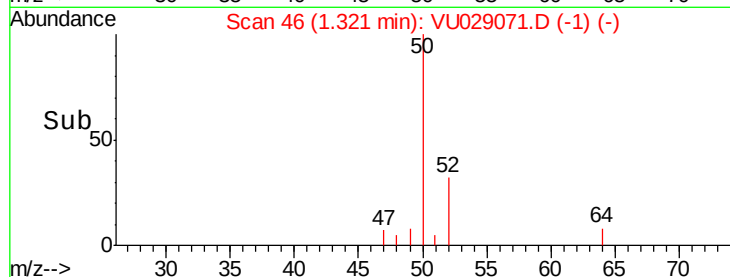
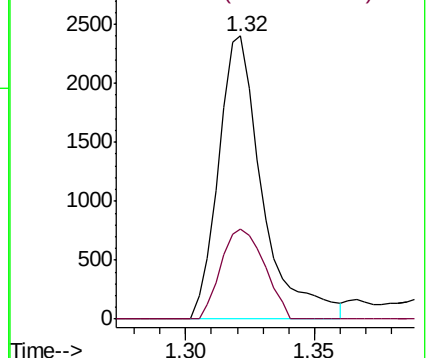
50 100

52 31.9 22.3 41.3



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#6

Bromomethane

Concen: 0.671 ug/L

RT: 1.59 min Scan# 131

Delta R.T. -0.02 min

Lab File: VU029071.D

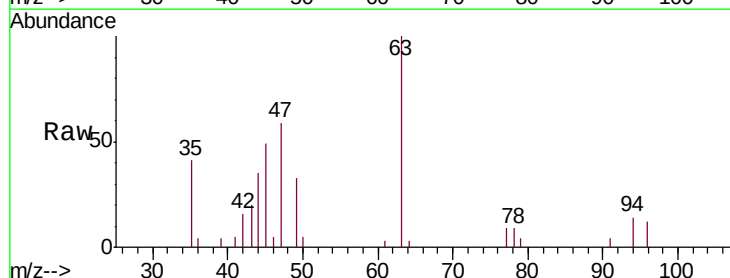
Acq: 07 Jan 2019 21:05

Tgt Ion: 94 Resp: 534

Ion Ratio Lower Upper

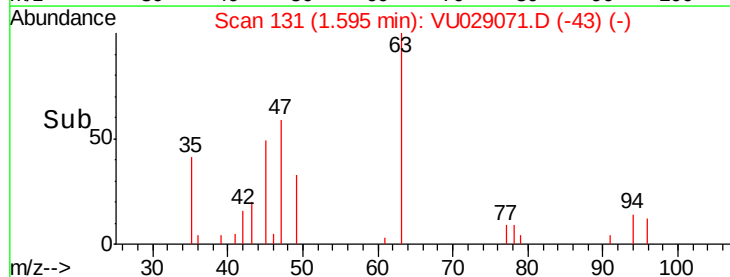
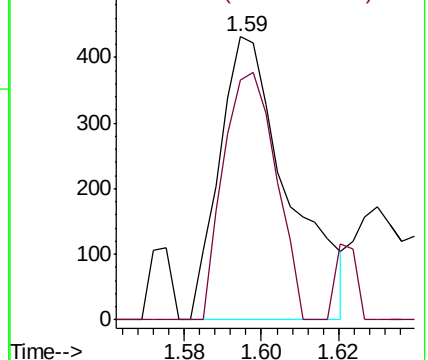
94 100

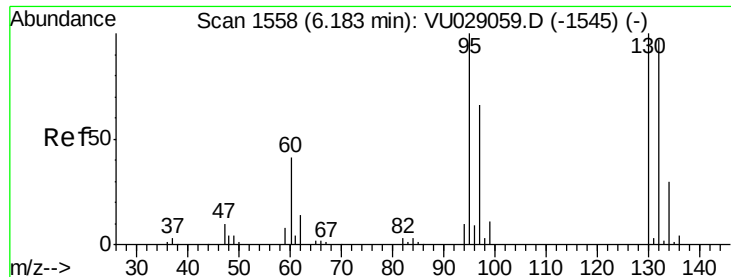
96 84.7 67.3 125.1



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#34

Trichloroethene

Concen: 0.688 ug/L

RT: 6.19 min Scan# 1560

Delta R.T. 0.01 min

Lab File: VU029071.D

Acq: 07 Jan 2019 21:05

Instrument :

MSVOA_U

ClientSampleId :

BE9X3

Tgt Ion: 95 Resp: 996

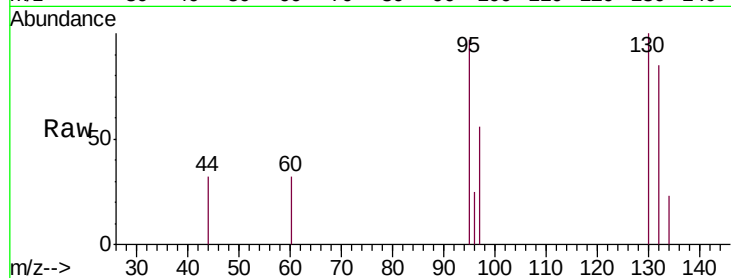
Ion Ratio Lower Upper

95 100

97 57.5 43.3 80.3

132 87.8 64.2 119.2

130 103.1 67.1 124.7

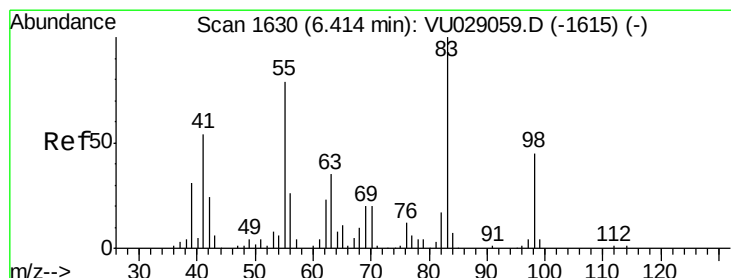
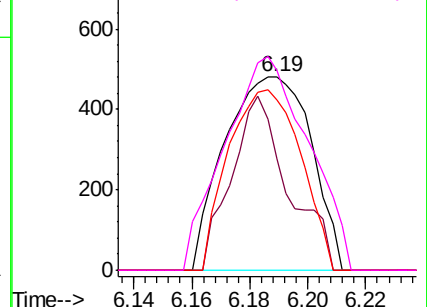
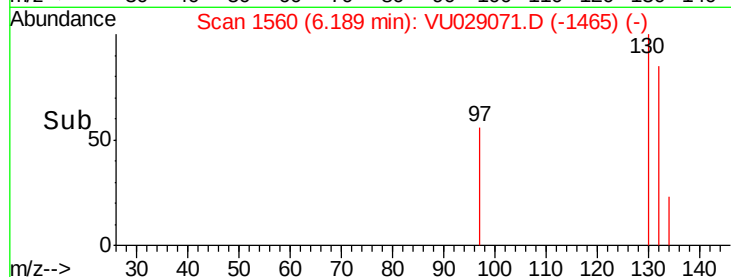


Abundance Ion 95.00 (94.70 to 95.70): VU029071.D (-1545) (-)

Ion 97.00 (96.70 to 97.70): VU029071.D (-1545) (-)

Ion 132.00 (131.70 to 132.70): VU029071.D (-1545) (-)

Ion 130.00 (129.70 to 130.70): VU029071.D (-1545) (-)



#35

Methylcyclohexane

Concen: 6.897 ug/L

RT: 6.32 min Scan# 1602

Delta R.T. -0.09 min

Lab File: VU029071.D

Acq: 07 Jan 2019 21:05

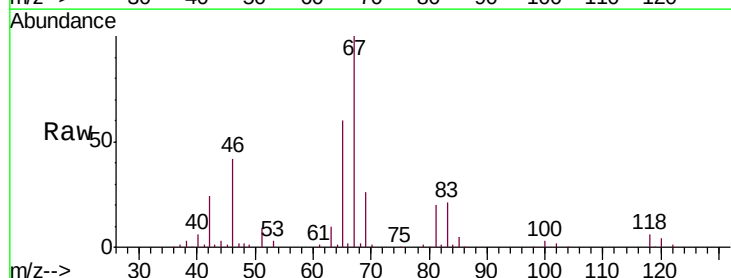
Tgt Ion: 83 Resp: 16641

Ion Ratio Lower Upper

83 100

55 0.0 63.7 95.5#

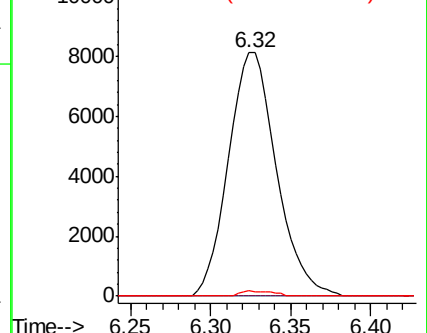
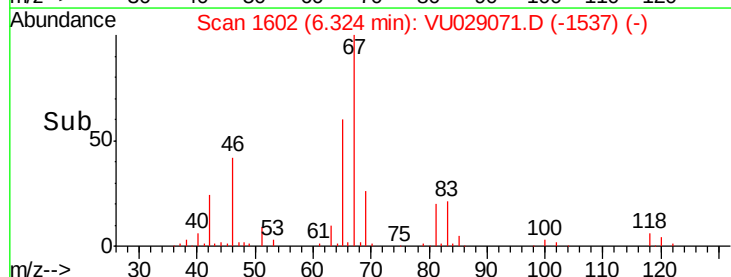
98 1.4 35.6 53.4#

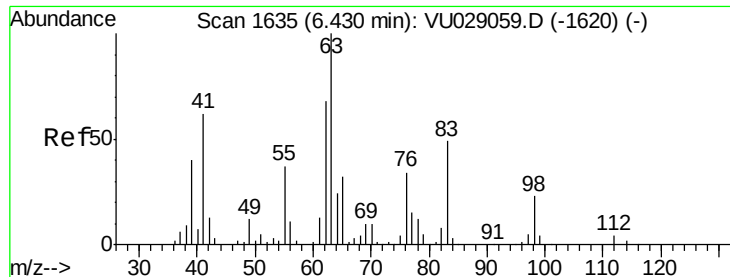


Abundance Ion 83.00 (82.70 to 83.70): VU029071.D (-1537) (-)

Ion 55.00 (54.70 to 55.70): VU029071.D (-1537) (-)

Ion 98.00 (97.70 to 98.70): VU029071.D (-1537) (-)

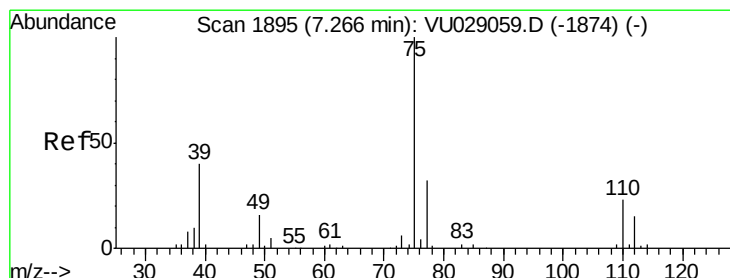
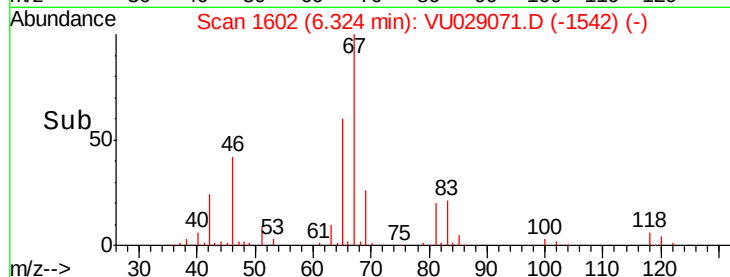
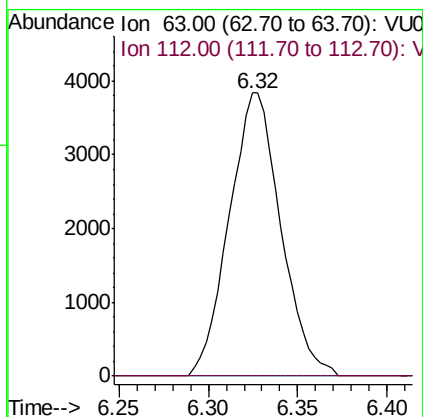
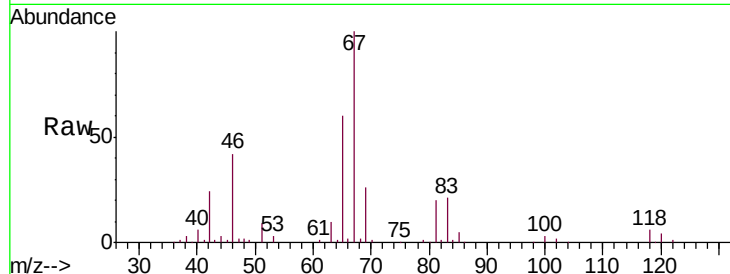




#37
 1,2-Dichloropropane
 Concen: 4.603 ug/L
 RT: 6.32 min Scan# 1602
 Delta R.T. -0.11 min
 Lab File: VU029071.D
 Acq: 07 Jan 2019 21:05

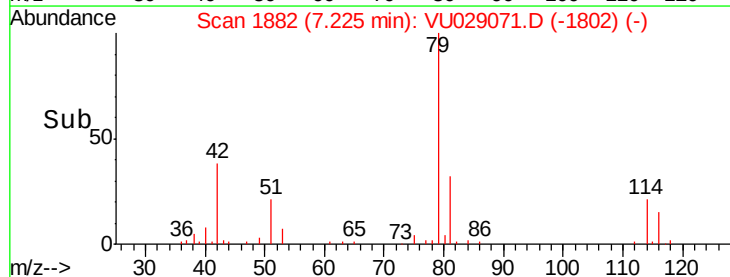
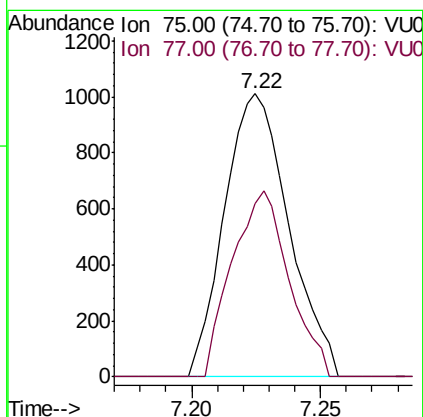
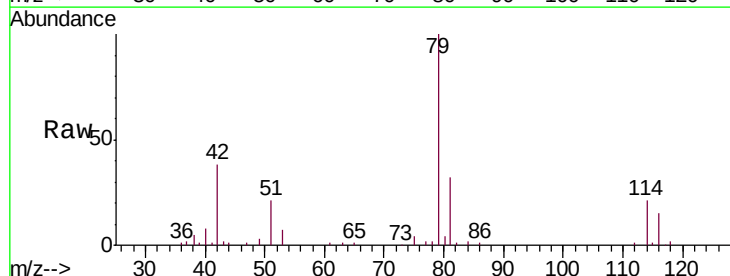
Instrument :
 MSVOA_U
 ClientSampleId :
 BE9X3

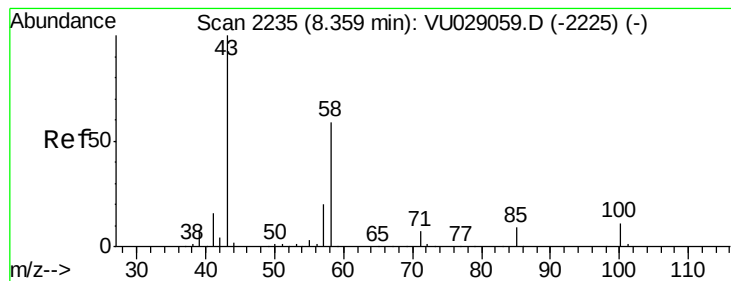
Tgt Ion: 63 Resp: 7720
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.7 4.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.737 ug/L
 RT: 7.22 min Scan# 1882
 Delta R.T. -0.04 min
 Lab File: VU029071.D
 Acq: 07 Jan 2019 21:05

Tgt Ion: 75 Resp: 1762
 Ion Ratio Lower Upper
 75 100
 77 61.1 21.8 40.6#





#48

2-Hexanone

Concen: 4.638 ug/L

RT: 8.32 min Scan# 2224

Delta R.T. -0.04 min

Lab File: VU029071.D

Acq: 07 Jan 2019 21:05

Instrument :

MSVOA_U

ClientSampleId :

BE9X3

Tgt Ion: 43 Resp: 8581

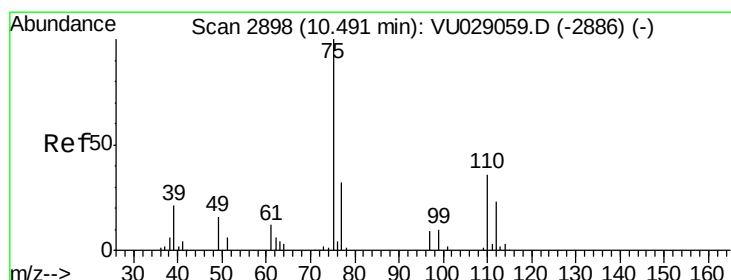
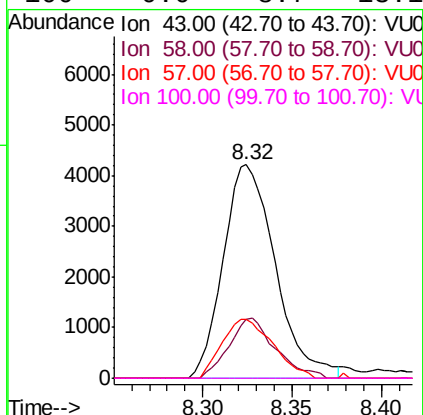
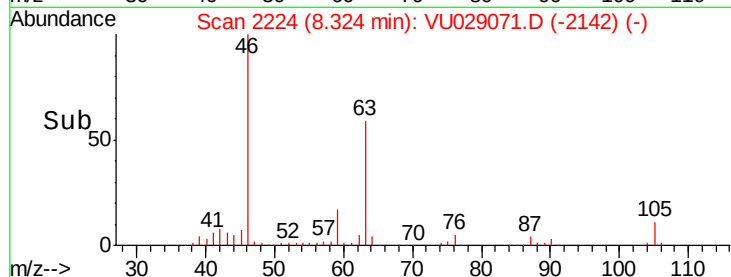
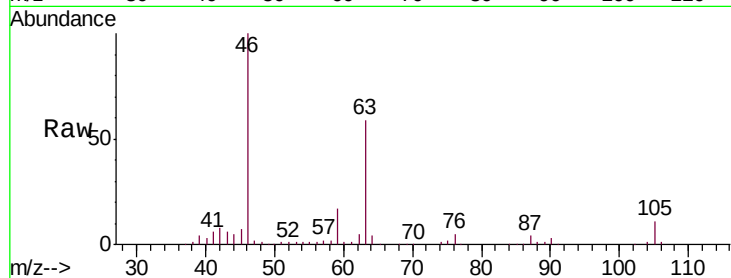
Ion Ratio Lower Upper

43 100

58 25.1 45.9 68.9#

57 26.9 15.0 22.4#

100 0.0 8.7 13.1#



#59

1,2,3-Trichloropropane

Concen: 5.293 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU029071.D

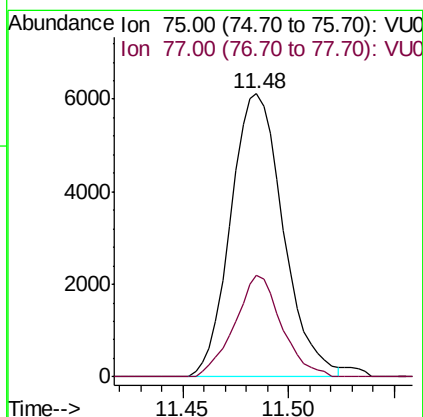
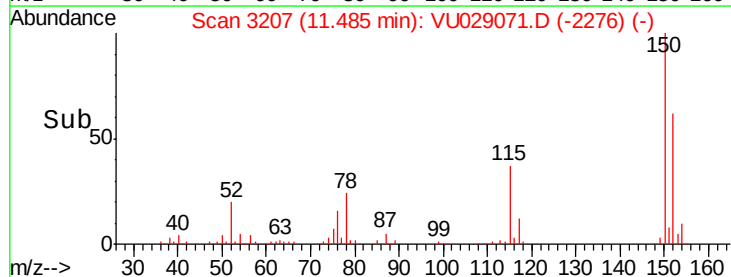
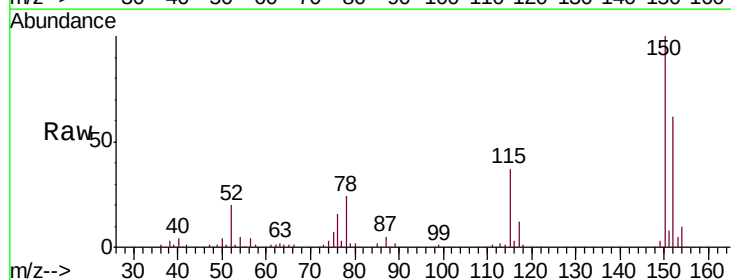
Acq: 07 Jan 2019 21:05

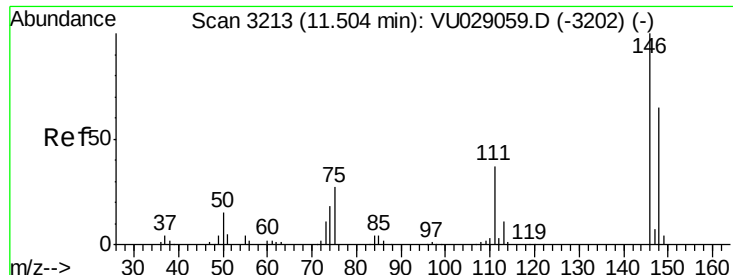
Tgt Ion: 75 Resp: 10594

Ion Ratio Lower Upper

75 100

77 32.0 25.5 38.3





#63

1,4-Dichlorobenzene

Concen: 0.553 ug/L

RT: 11.51 min Scan# 3215

Delta R.T. 0.01 min

Lab File: VU029071.D

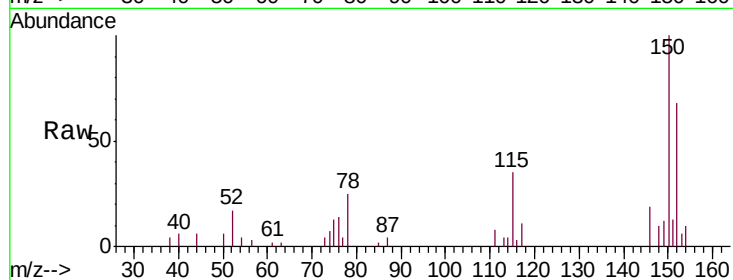
Acq: 07 Jan 2019 21:05

Instrument :

MSVOA_U

ClientSampleId :

BE9X3



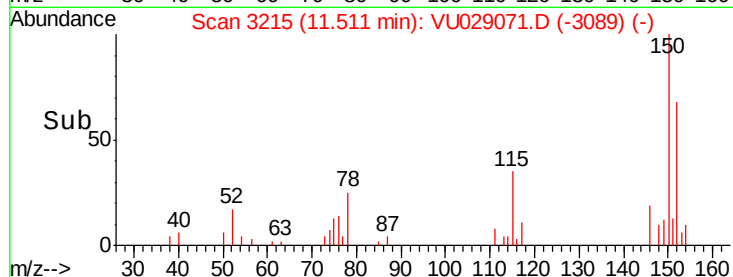
Tgt Ion:146 Resp: 1537

Ion Ratio Lower Upper

146 100

111 42.2 26.5 49.1

148 50.5 45.1 83.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

