

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010419\
 Data File : VU029016.D
 Acq On : 04 Jan 2019 10:08
 Operator : MD/SY
 Sample : VU0104WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK48

Quant Time: Jan 04 22:43:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 04 22:41:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	97538	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	91399	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	39378	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	29556	5.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.20%
7) Chloroethane-d5	1.68	69	24259	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.40%
11) 1,1-Dichloroethene-d2	2.27	63	39536	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	4.21	46	76988	56.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.86%
24) Chloroform-d	4.65	84	51477	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.31	65	25799	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.34	84	111285	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
36) 1,2-Dichloropropane-d6	6.33	67	37515	5.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.80%
41) Toluene-d8	7.56	98	99686	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
43) trans-1,3-Dichloropropene-	7.85	79	13822	5.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.60%
46) 2-Hexanone-d5	8.31	63	68174	58.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.44%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	27907	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	33729	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

					Qvalue
3) Chloromethane	1.32	50	1225	0.129 ug/L	90
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	359	0.050 ug/L #	19
12) 1,1-Dichloroethene	2.27	96	417	0.060 ug/L #	1
13) Acetone	2.35	43	634	0.576 ug/L	45
15) Methyl Acetate	2.63	43	950	0.294 ug/L #	63
27) 1,2-Dichloroethane	5.33	62	447	0.061 ug/L #	73
35) Methylcyclohexane	6.33	83	8135	0.634 ug/L #	19
37) 1,2-Dichloropropane	6.33	63	3391	0.455 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	831	0.078 ug/L #	76
40) 4-Methyl-2-pentanone	7.48	43	1072	0.271 ug/L #	55
48) 2-Hexanone	8.37	43	2165	0.790 ug/L #	61
59) 1,2,3-Trichloropropane	11.48	75	4558	1.050 ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	739	0.086 ug/L	87
69) Naphthalene	13.75	128	1983	0.135 ug/L #	78
70) 1,2,3-Trichlorobenzene	13.99	180	913	0.112 ug/L #	94

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK48

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 04 22:41:21 2019
Response via : Initial Calibration

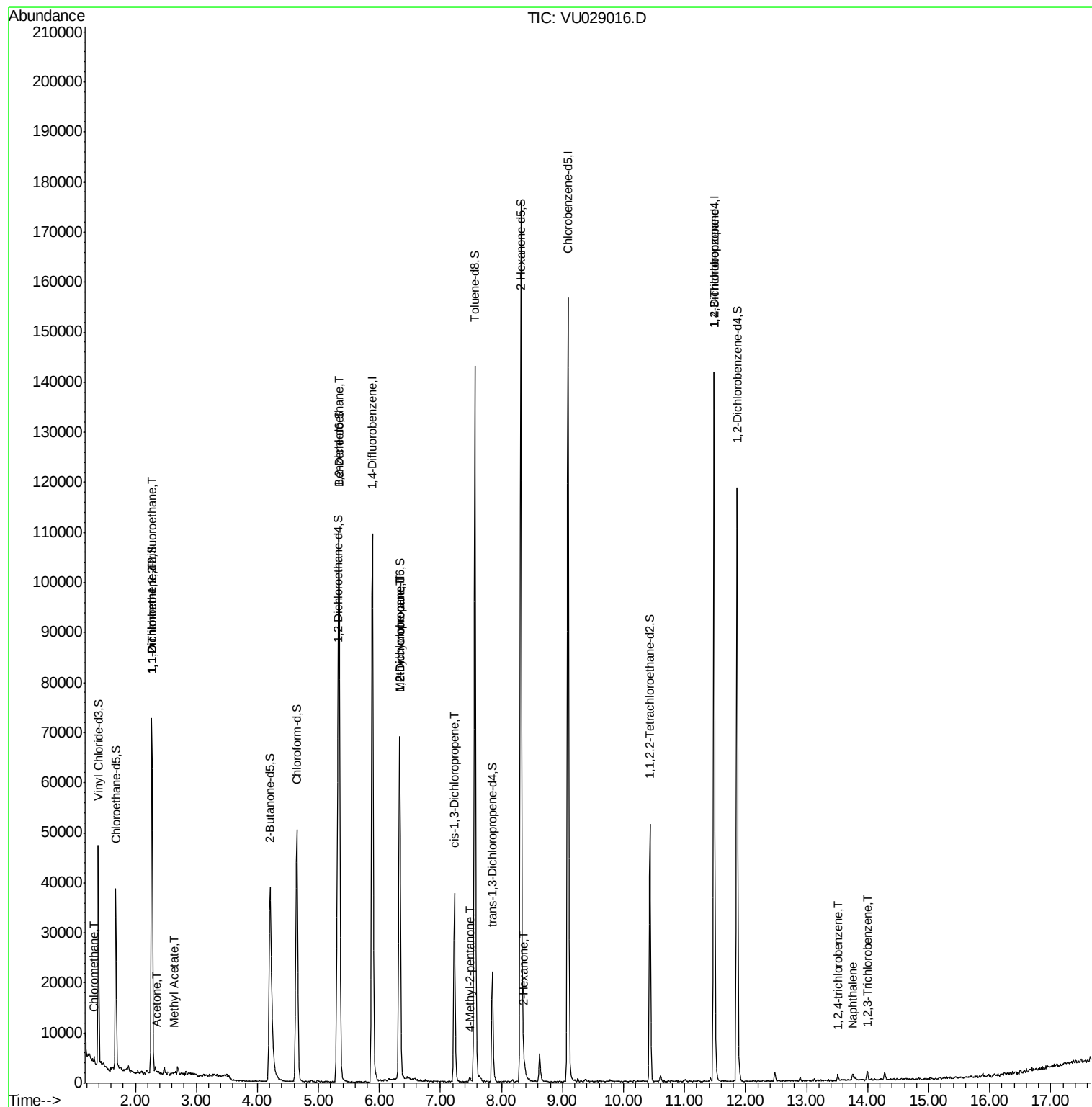
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

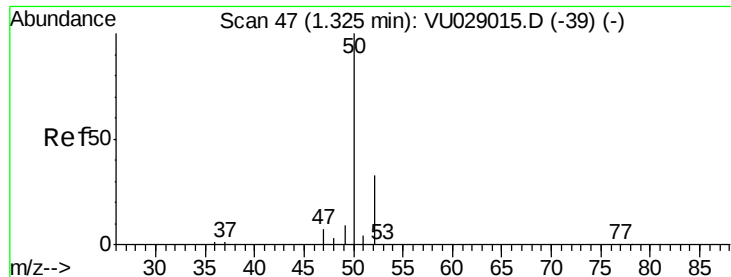
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU010419\
Data File : VU029016.D
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QLast Update : Fri Jan 04 22:41:21 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.129 ug/L

RT: 1.32 min Scan# 47

Delta R.T. 0.00 min

Lab File: VU029016.D

Acq: 04 Jan 2019 10:08

Instrument :

MSVOA_U

ClientSampled :

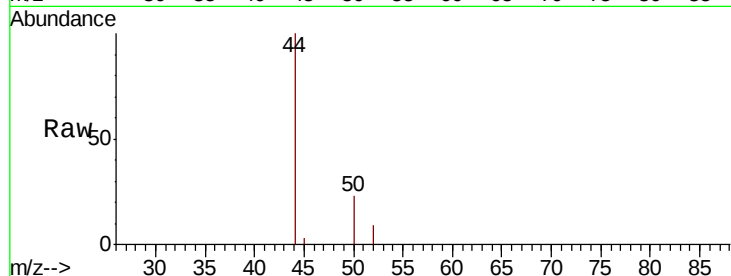
VBLK48

Tgt Ion: 50 Resp: 1225

Ion Ratio Lower Upper

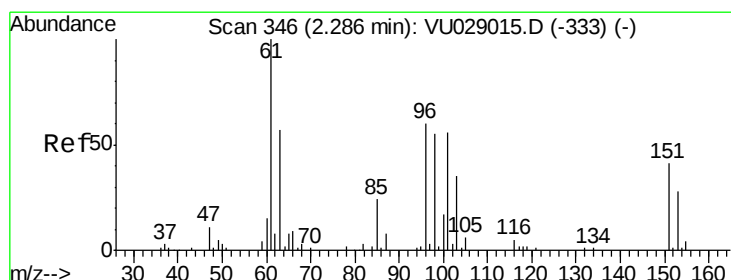
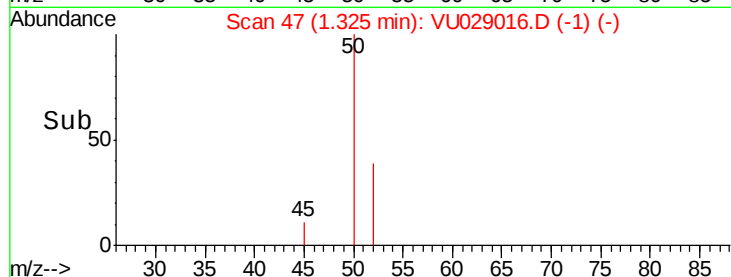
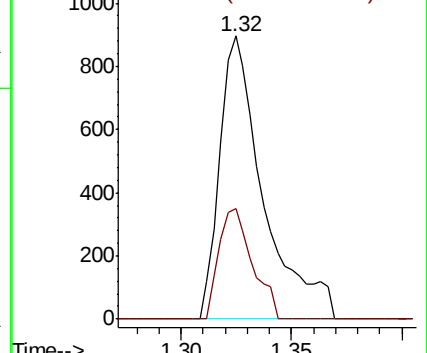
50 100

52 38.8 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VU029015.D (-39) (-)

Ion 52.05 (51.75 to 52.75): VU029015.D (-39) (-)



#10

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

Concen: 0.050 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU029016.D

Acq: 04 Jan 2019 10:08

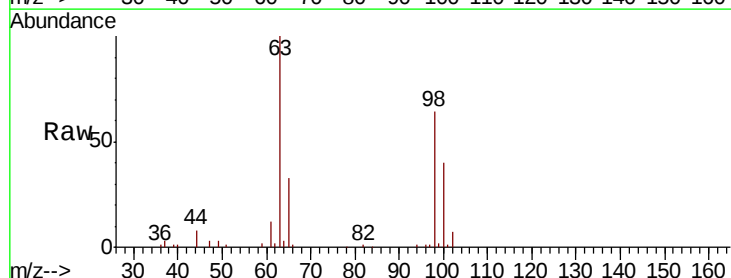
Tgt Ion: 101 Resp: 359

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

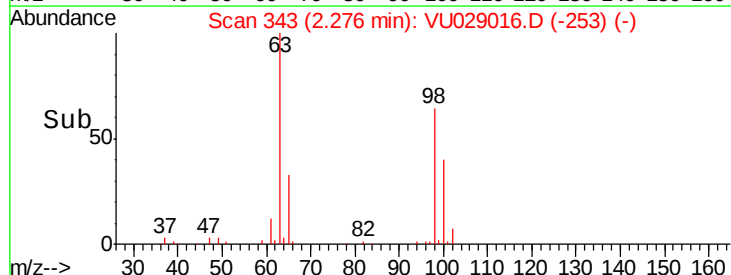
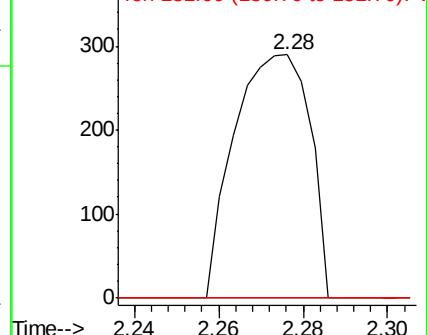
151 0.0 60.9 91.3#

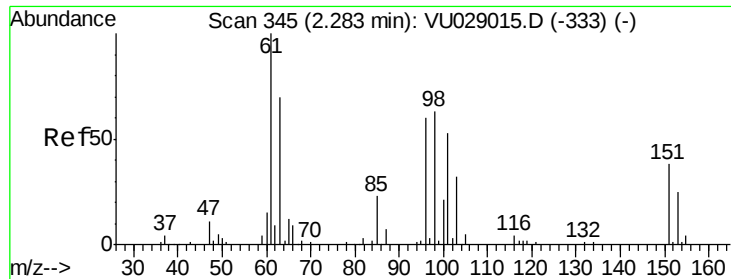


Abundance Ion 101.00 (100.70 to 101.70): VU029015.D (-333) (-)

Ion 85.00 (84.70 to 85.70): VU029015.D (-333) (-)

Ion 151.00 (150.70 to 151.70): VU029015.D (-333) (-)

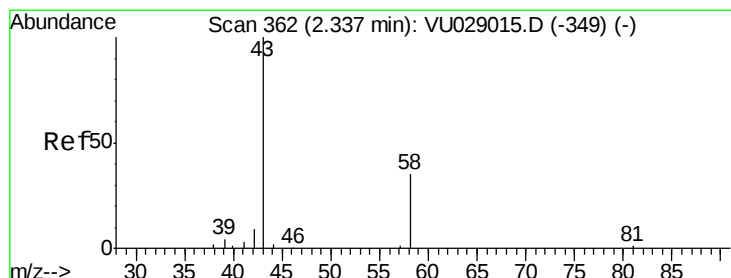
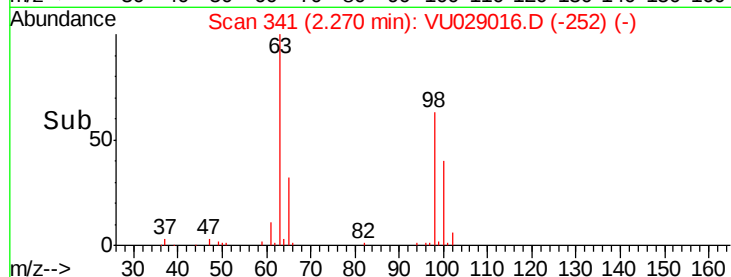
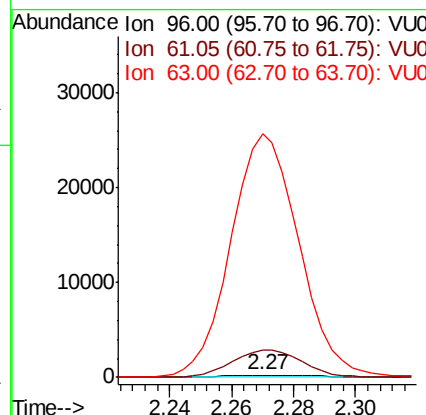
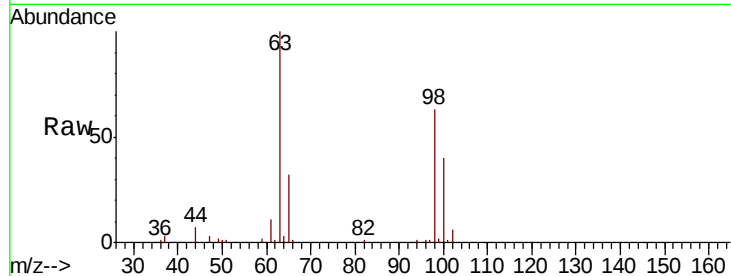




#12
 1,1-Dichloroethene
 Concen: 0.060 ug/L
 RT: 2.27 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VU029016.D
 Acq: 04 Jan 2019 10:08

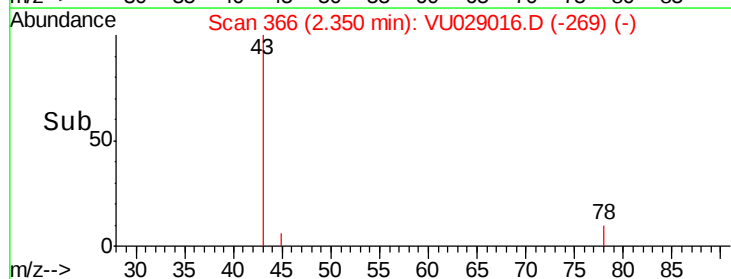
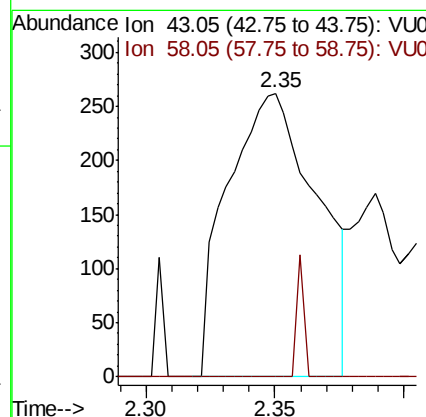
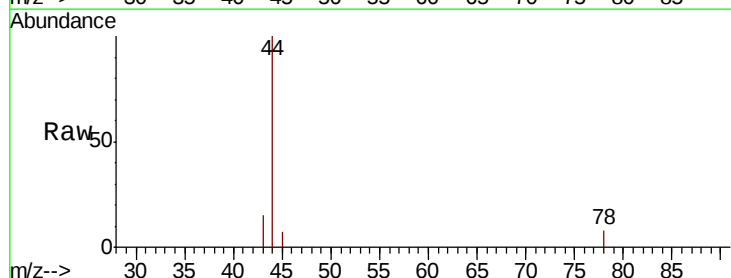
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK48

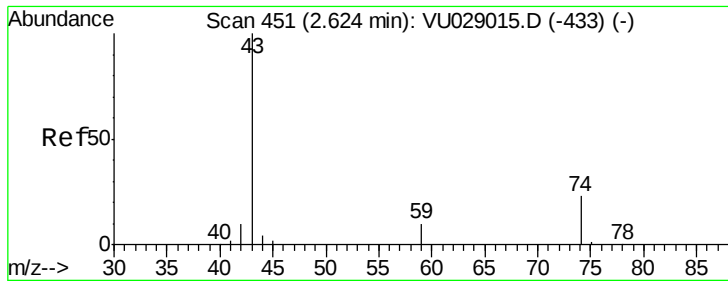
Tgt Ion: 96 Resp: 417
 Ion Ratio Lower Upper
 96 100
 61 1249.4 110.5 205.3#
 63 11018.0 67.6 125.6#



#13
 Acetone
 Concen: 0.576 ug/L
 RT: 2.35 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VU029016.D
 Acq: 04 Jan 2019 10:08

Tgt Ion: 43 Resp: 634
 Ion Ratio Lower Upper
 43 100
 58 3.5 0.0 71.8





#15

Methyl Acetate

Concen: 0.294 ug/L

RT: 2.63 min Scan# 452

Delta R.T. 0.00 min

Lab File: VU029016.D

Acq: 04 Jan 2019 10:08

Instrument :

MSVOA_U

ClientSampleId :

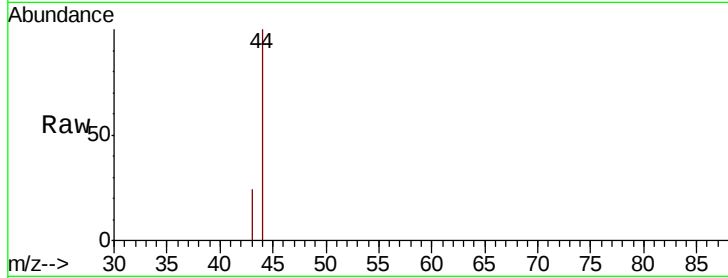
VBLK48

Tgt Ion: 43 Resp: 950

Ion Ratio Lower Upper

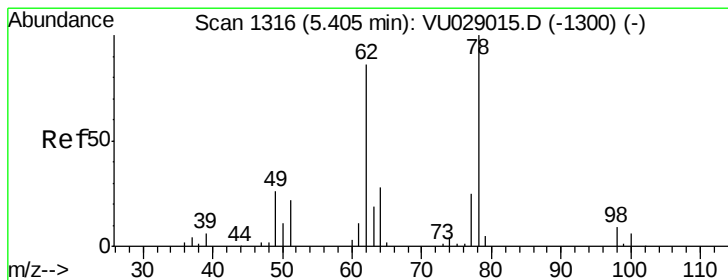
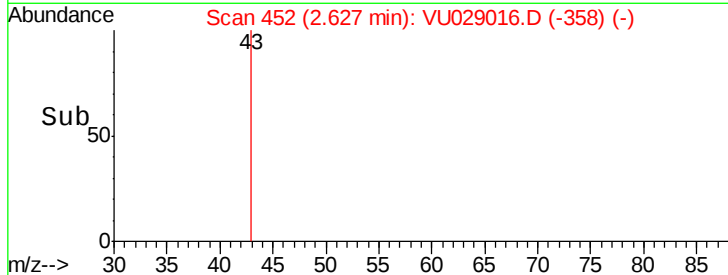
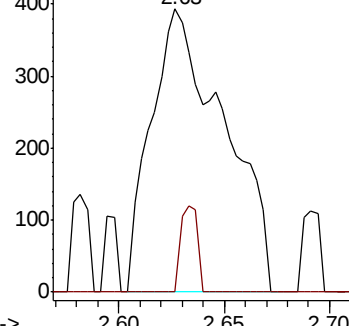
43 100

74 6.8 20.6 30.8#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0



#27

1,2-Dichloroethane

Concen: 0.061 ug/L

RT: 5.33 min Scan# 1294

Delta R.T. -0.07 min

Lab File: VU029016.D

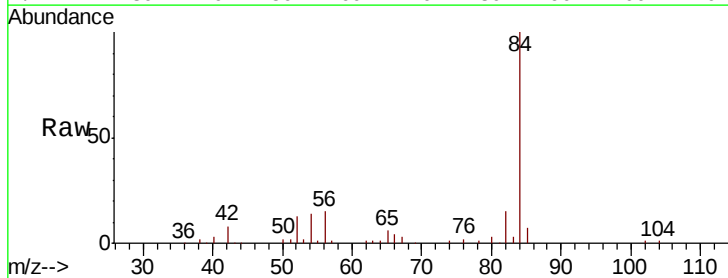
Acq: 04 Jan 2019 10:08

Tgt Ion: 62 Resp: 447

Ion Ratio Lower Upper

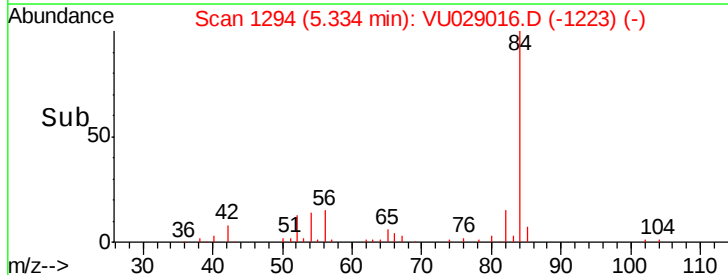
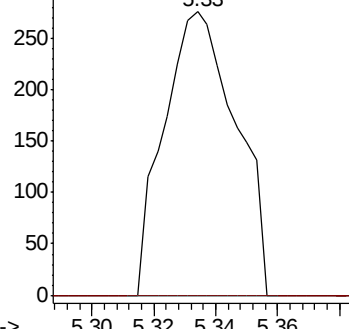
62 100

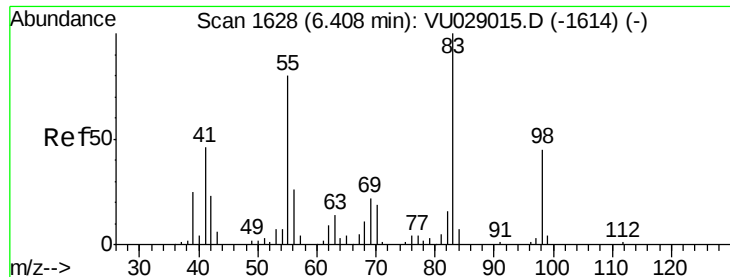
98 0.0 8.2 12.2#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0

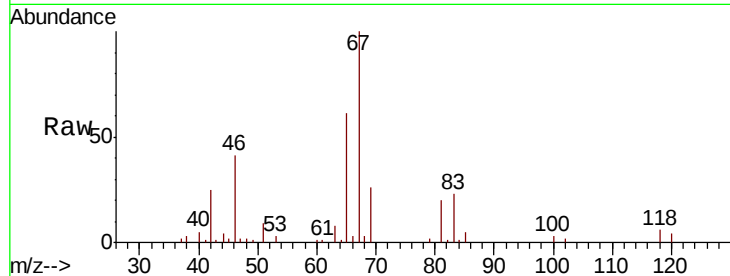




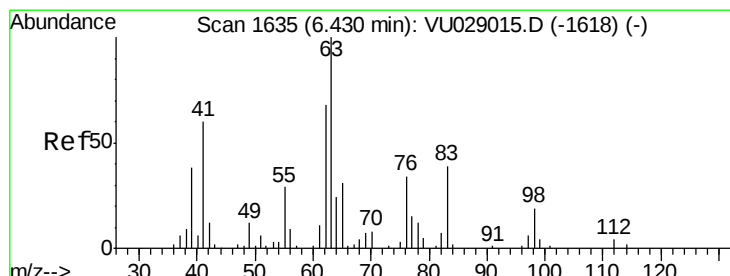
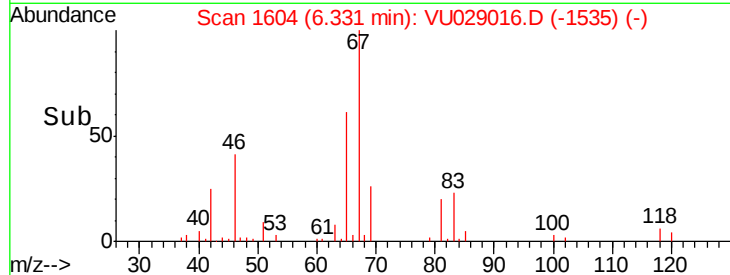
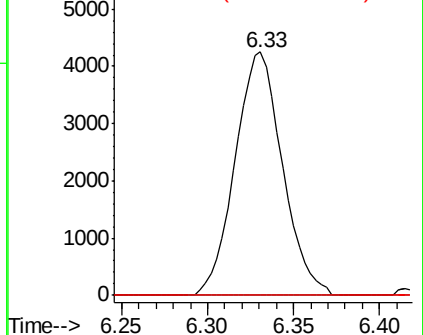
#35
Methylcyclohexane
Concen: 0.634 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.08 min
Lab File: VU029016.D
Acq: 04 Jan 2019 10:08

Instrument :
MSVOA_U
ClientSampleId :
VBLK48

Tgt Ion: 83 Resp: 8135
Ion Ratio Lower Upper
83 100
55 0.0 59.8 89.6#
98 0.0 37.0 55.6#

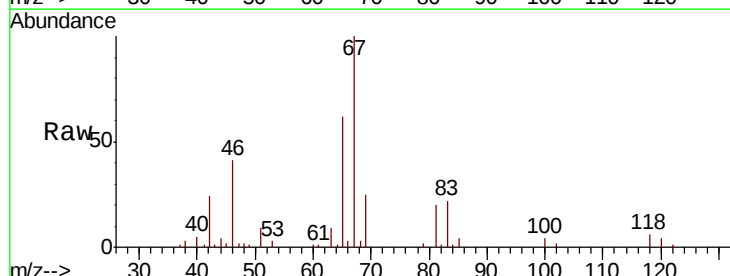


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

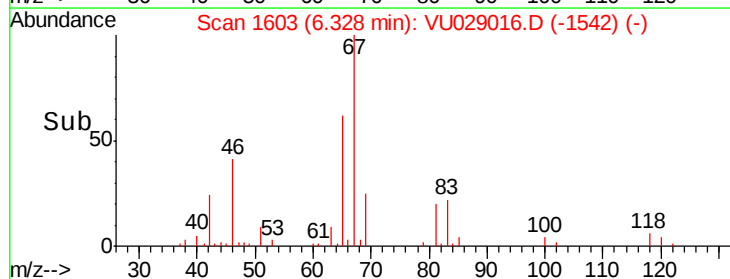
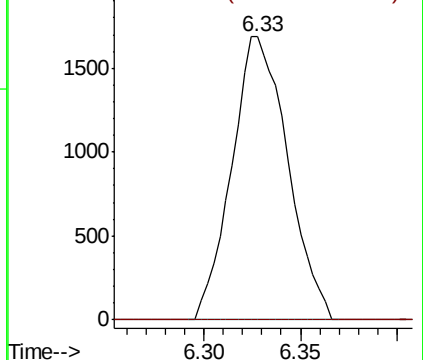


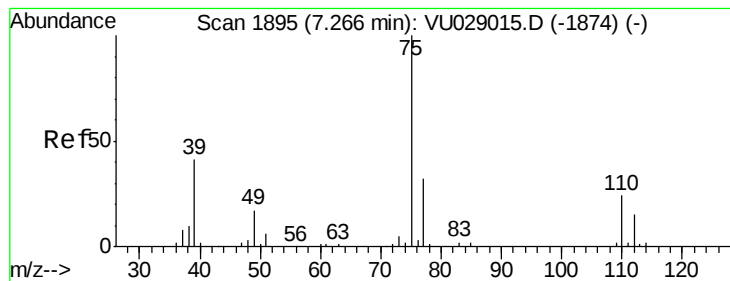
#37
1,2-Dichloropropane
Concen: 0.455 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.10 min
Lab File: VU029016.D
Acq: 04 Jan 2019 10:08

Tgt Ion: 63 Resp: 3391
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



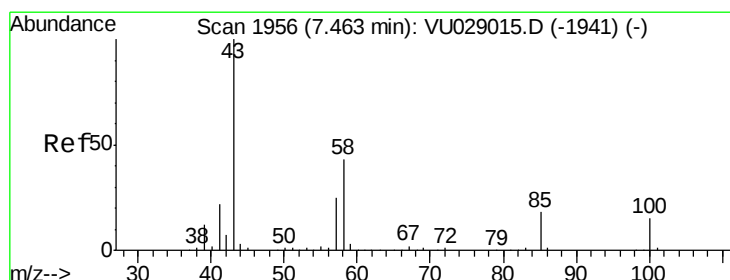
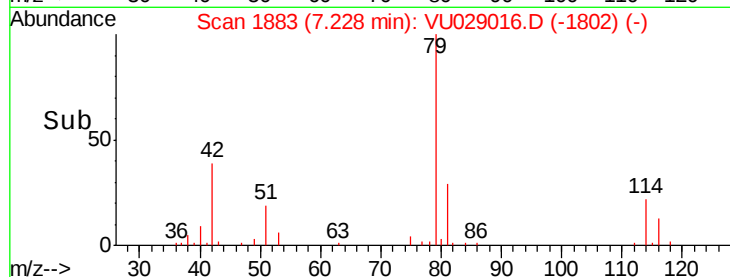
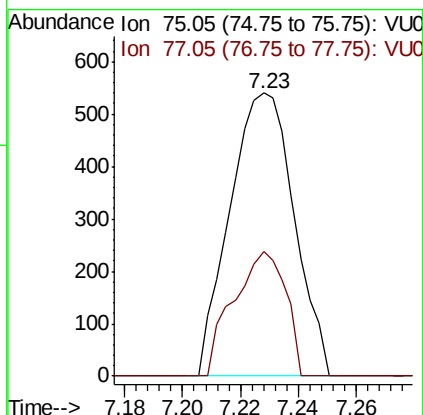
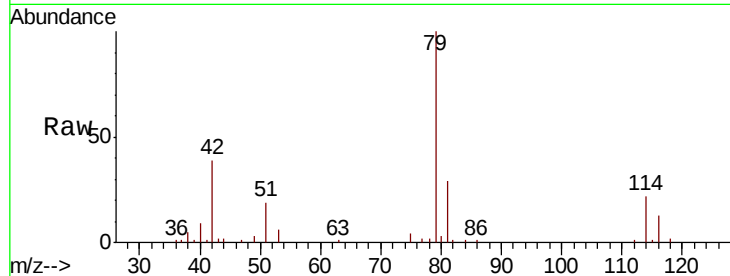


#39

cis-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU029016.D
Acq: 04 Jan 2019 10:08

Instrument :
MSVOA_U
ClientSampled :
VBLK48

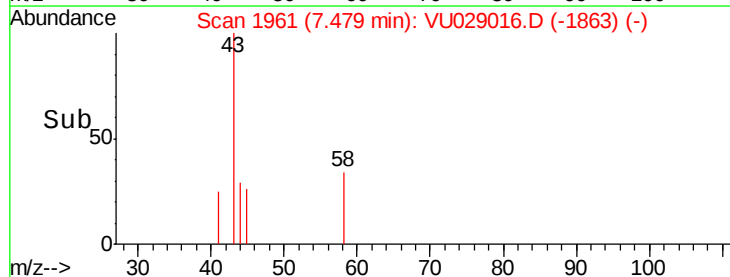
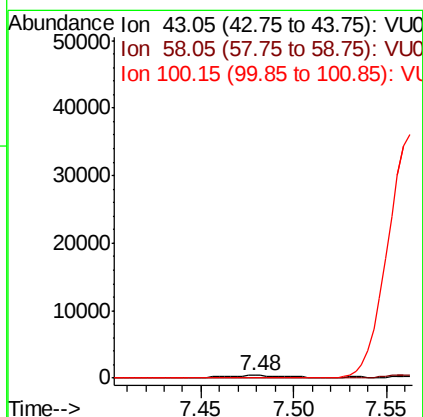
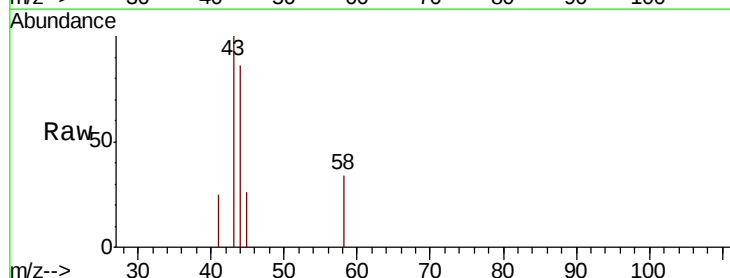
Tgt Ion: 75 Resp: 831
Ion Ratio Lower Upper
75 100
77 43.9 21.5 39.9#

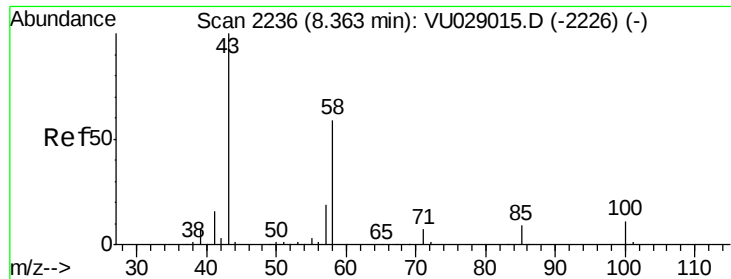


#40

4-Methyl-2-pentanone
Concen: 0.271 ug/L
RT: 7.48 min Scan# 1961
Delta R.T. 0.02 min
Lab File: VU029016.D
Acq: 04 Jan 2019 10:08

Tgt Ion: 43 Resp: 1072
Ion Ratio Lower Upper
43 100
58 12.8 34.6 51.8#
100 0.0 13.4 20.0#

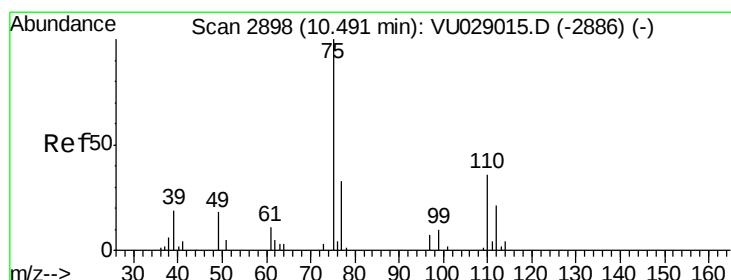
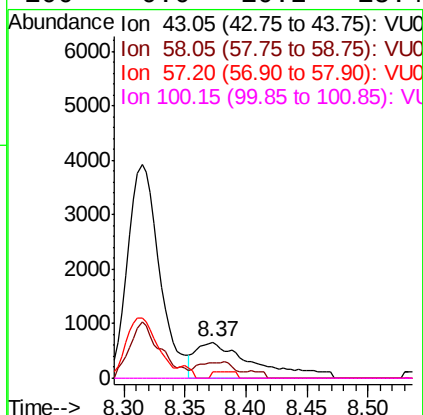
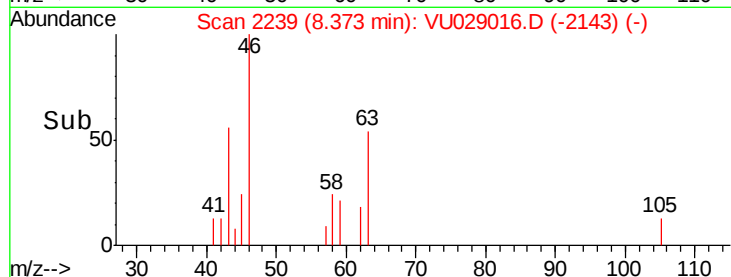
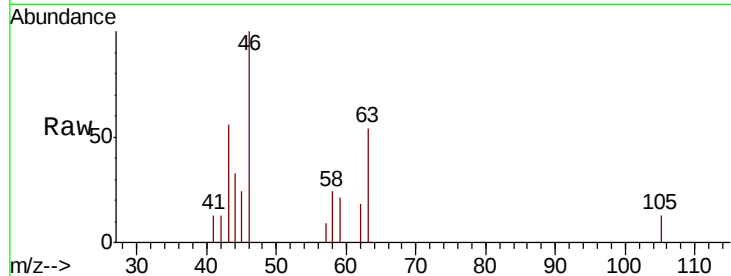




#48
2-Hexanone
Concen: 0.790 ug/L
RT: 8.37 min Scan# 2239
Delta R.T. 0.01 min
Lab File: VU029016.D
Acq: 04 Jan 2019 10:08

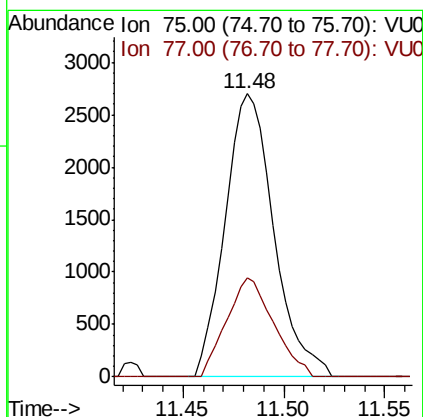
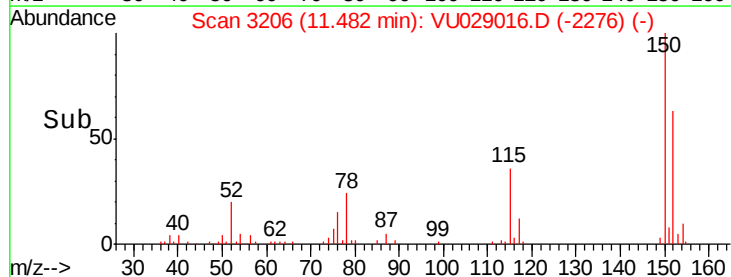
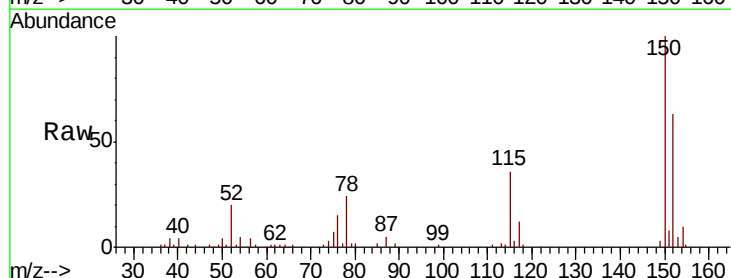
Instrument :
MSVOA_U
ClientSampleId :
VBLK48

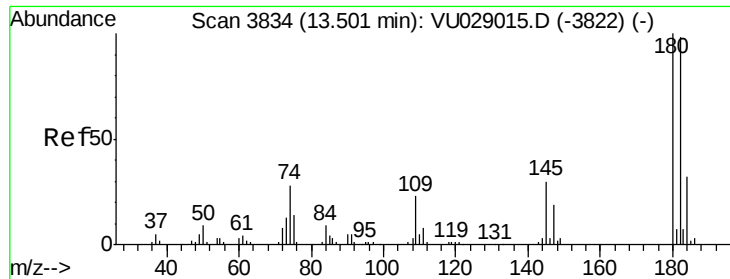
Tgt Ion: 43 Resp: 2165
Ion Ratio Lower Upper
43 100
58 27.5 48.8 73.2#
57 7.1 16.0 24.0#
100 0.0 10.2 15.4#



#59
1,2,3-Trichloropropane
Concen: 1.050 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU029016.D
Acq: 04 Jan 2019 10:08

Tgt Ion: 75 Resp: 4558
Ion Ratio Lower Upper
75 100
77 33.8 26.0 39.0

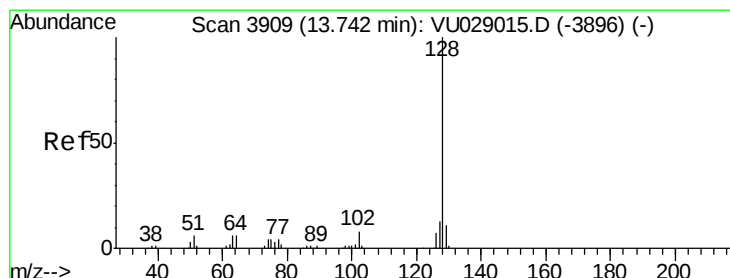
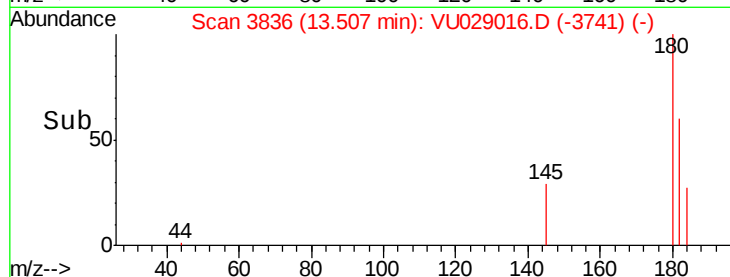
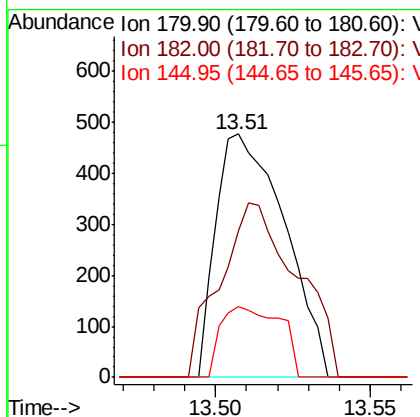
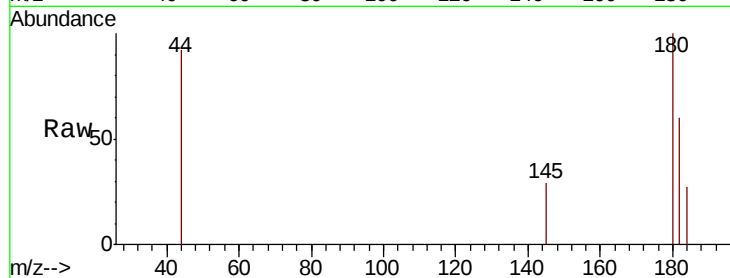




#68
 1,2,4-trichlorobenzene
 Concen: 0.086 ug/L
 RT: 13.51 min Scan# 3836
 Delta R.T. 0.01 min
 Lab File: VU029016.D
 Acq: 04 Jan 2019 10:08

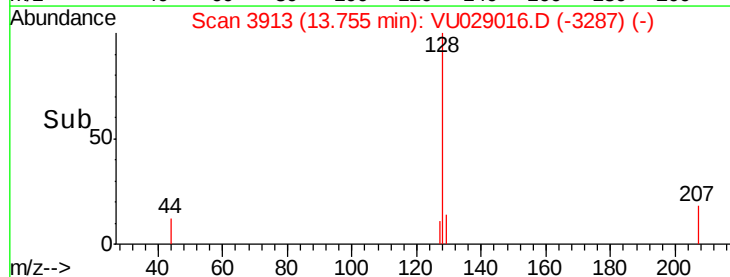
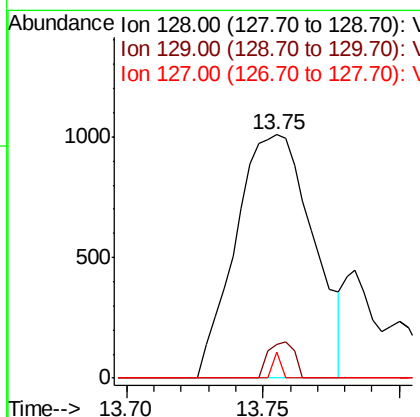
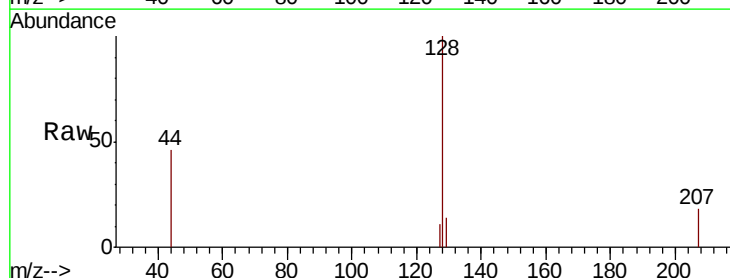
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK48

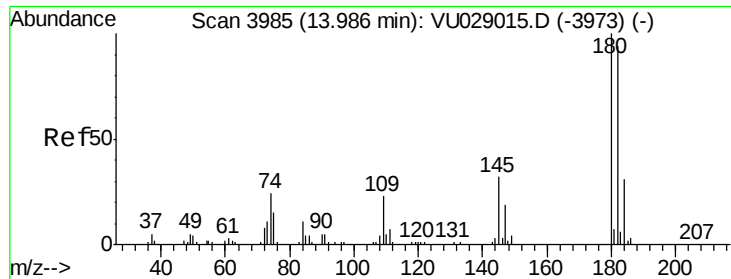
Tgt Ion:180 Resp: 739
 Ion Ratio Lower Upper
 180 100
 182 79.8 76.0 114.0
 145 25.2 22.6 33.8



#69
 Naphthalene
 Concen: 0.135 ug/L
 RT: 13.75 min Scan# 3913
 Delta R.T. 0.01 min
 Lab File: VU029016.D
 Acq: 04 Jan 2019 10:08

Tgt Ion:128 Resp: 1983
 Ion Ratio Lower Upper
 128 100
 129 4.9 8.3 12.5#
 127 1.0 9.8 14.6#





#70
 1,2,3-Trichlorobenzene
 Concen: 0.112 ug/L
 RT: 13.99 min Scan# 3986
 Delta R.T. 0.00 min
 Lab File: VU029016.D
 Acq: 04 Jan 2019 10:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.6	77.1	115.7
145	21.8	24.6	36.8

