

Data File : VU029605.D
Acq On : 22 Feb 2019 09:06
Operator : JC/SP
Sample : VU0222WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK59

Quant Time: Feb 22 22:16:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 22 22:13:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	508156	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	483433	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	231539	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	164450	44.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.32%
7) Chloroethane-d5	1.68	69	141800	42.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.68%
11) 1,1-Dichloroethene-d2	2.27	63	250989	34.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.96%
21) 2-Butanone-d5	4.17	46	212952	93.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.98%
24) Chloroform-d	4.64	84	279601	46.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.31	65	180805	47.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.56%
32) Benzene-d6	5.34	84	611902	50.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.33	67	185245	50.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.24%
41) Toluene-d8	7.56	98	580340	46.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.50%
43) trans-1,3-Dichloropropene-	7.85	79	85777	44.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.38%
47) 2-Hexanone-d5	8.31	63	180180	88.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.41%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	267810	43.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.62%
64) 1,2-Dichlorobenzene-d4	11.86	152	239326	47.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.92%

Target Compounds

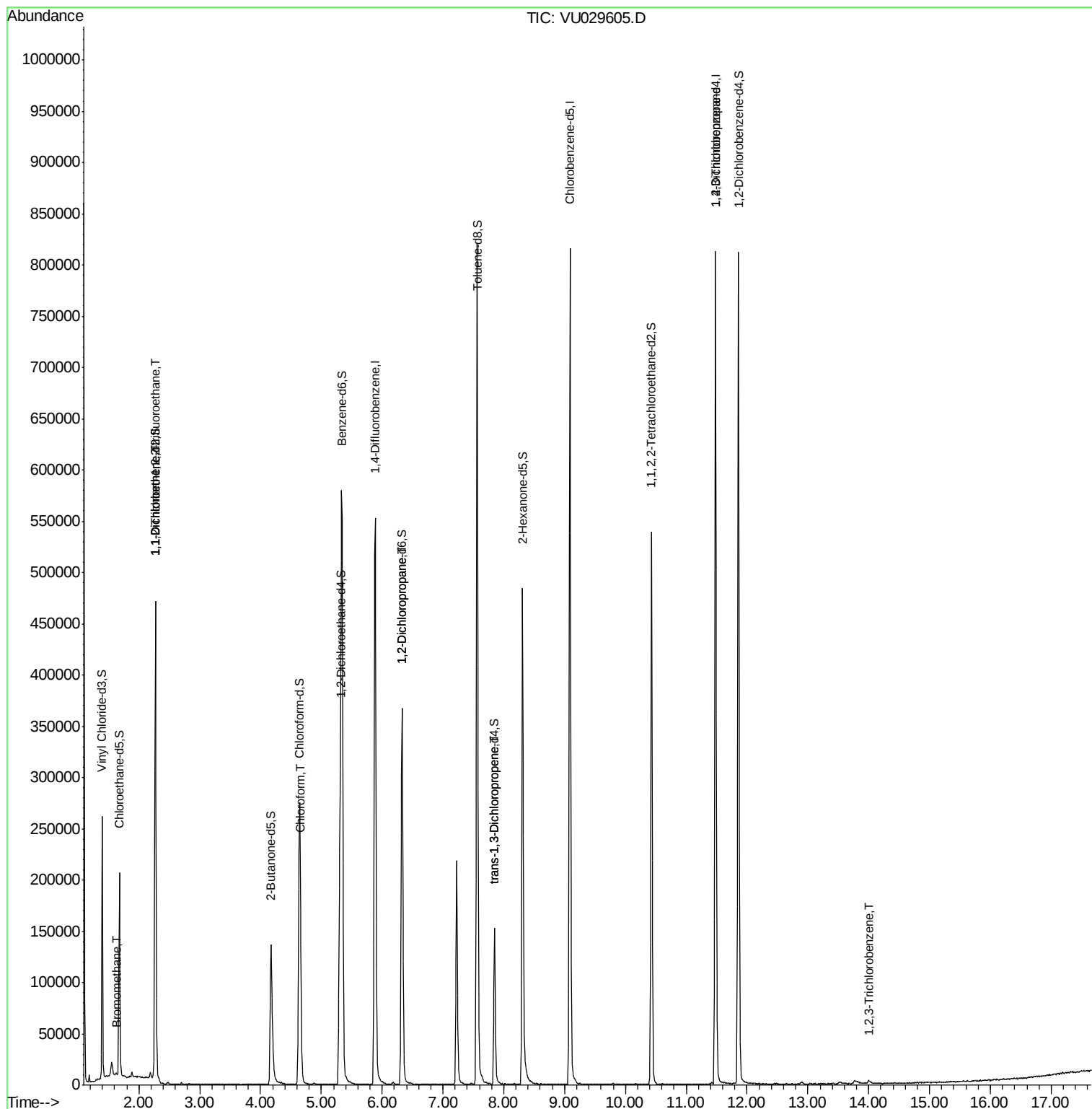
					Qvalue
6) Bromomethane	1.63	94	1308	0.690 ug/L	77
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2517	0.711 ug/L #	17
12) 1,1-Dichloroethene	2.27	96	2319	0.689 ug/L #	1
25) Chloroform	4.67	83	6792	1.133 ug/L	100
37) 1,2-Dichloropropane	6.33	63	19497	5.992 ug/L #	86
44) trans-1,3-Dichloropropene	7.85	75	3590	0.726 ug/L #	73
59) 1,2,3-Trichloropropane	11.48	75	23420	5.048 ug/L	91
70) 1,2,3-Trichlorobenzene	14.01	180	2536	0.490 ug/L #	49

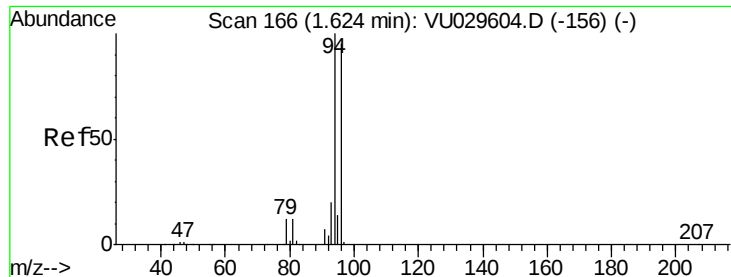
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU029605.D
Acq On : 22 Feb 2019 09:06
Operator : JC/SP
Sample : VU0222WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK59

Quant Time: Feb 22 22:16:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 22 22:13:56 2019
Response via : Initial Calibration





#6

Bromomethane

Concen: 0.690 ug/L

RT: 1.63 min Scan# 168

Delta R.T. 0.01 min

Lab File: VU029605.D

Acq: 22 Feb 2019 09:06

Instrument :

MSVOA_U

ClientSampleId :

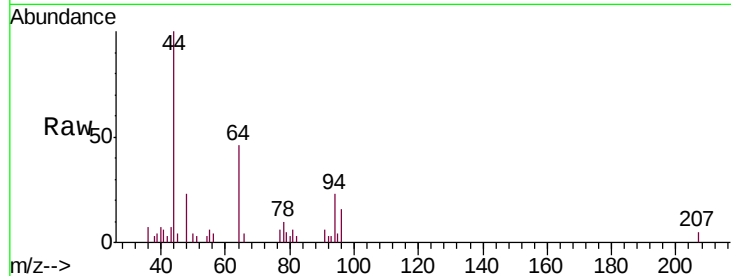
VBLK59

Tgt Ion: 94 Resp: 1308

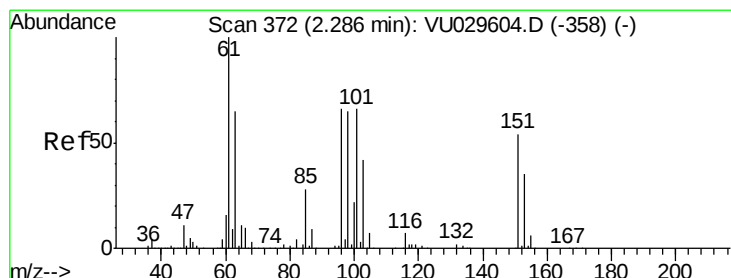
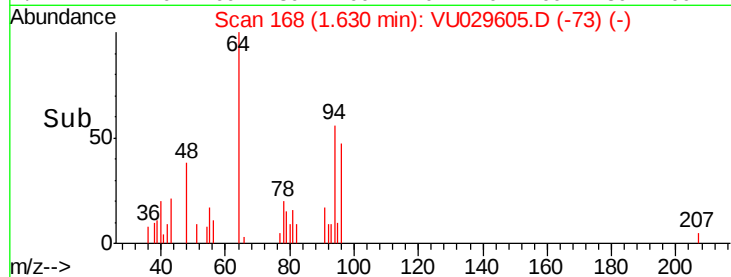
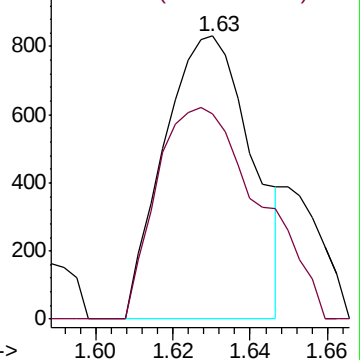
Ion Ratio Lower Upper

94 100

96 72.6 66.4 123.2



Abundance Ion 94.00 (93.70 to 94.70): VU029604.D (-156) (-)



#10

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

Concen: 0.711 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU029605.D

Acq: 22 Feb 2019 09:06

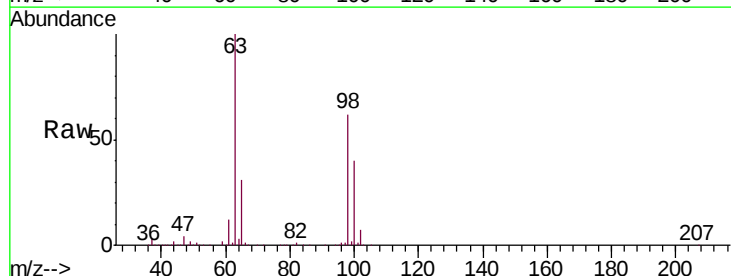
Tgt Ion: 101 Resp: 2517

Ion Ratio Lower Upper

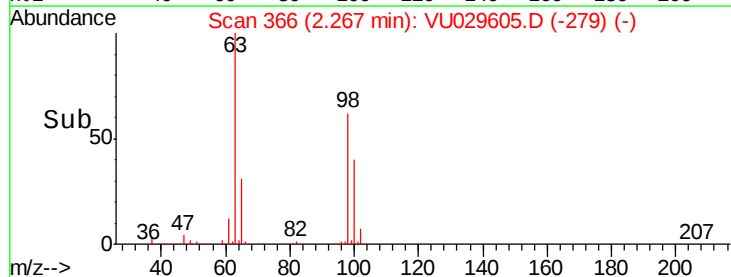
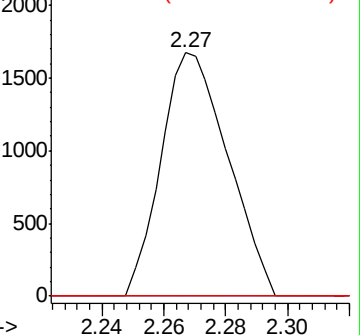
101 100

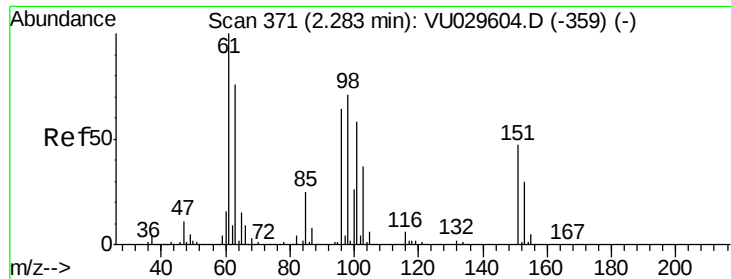
85 0.0 33.0 49.6#

151 0.0 65.7 98.5#



Abundance Ion 101.00 (100.70 to 101.70): VU029604.D (-358) (-)





#12

1,1-Dichloroethene

Concen: 0.689 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029605.D

Acq: 22 Feb 2019 09:06

Instrument :

MSVOA_U

ClientSampleId :

VBLK59

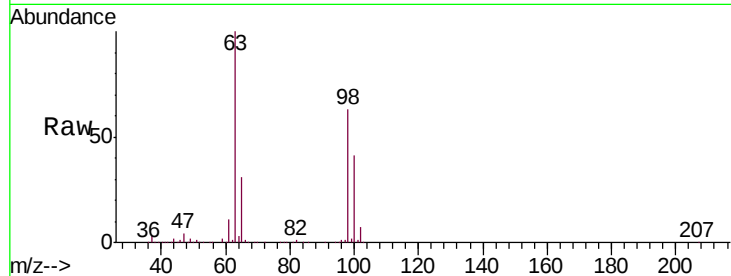
Tgt Ion: 96 Resp: 2319

Ion Ratio Lower Upper

96 100

61 1220.7 114.0 211.8#

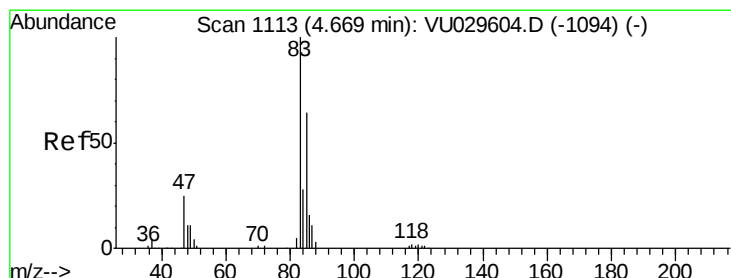
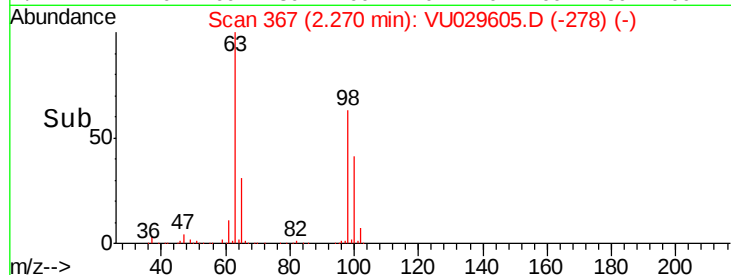
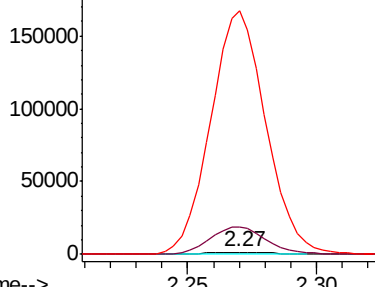
63 10662.6 98.7 183.3#



Abundance Ion 96.00 (95.70 to 96.70): VU029605.D (-278) (-)

Ion 61.00 (60.70 to 61.70): VU029605.D (-278) (-)

Ion 63.00 (62.70 to 63.70): VU029605.D (-278) (-)



#25

Chloroform

Concen: 1.133 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VU029605.D

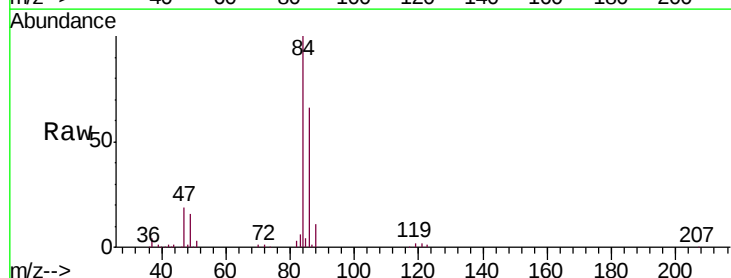
Acq: 22 Feb 2019 09:06

Tgt Ion: 83 Resp: 6792

Ion Ratio Lower Upper

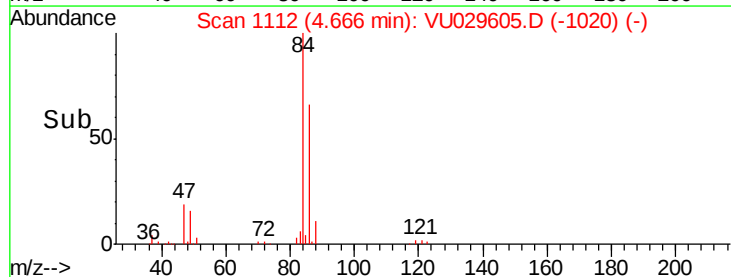
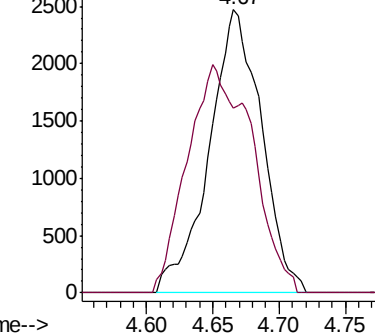
83 100

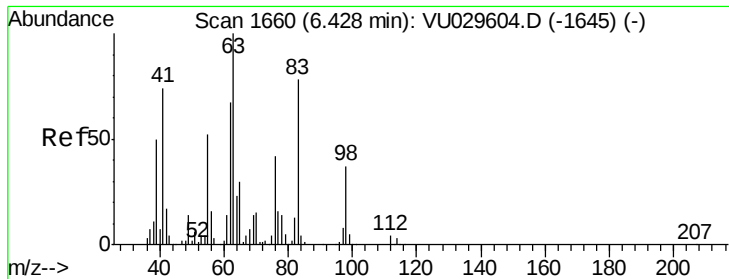
85 65.1 45.4 84.2



Abundance Ion 83.00 (82.70 to 83.70): VU029605.D (-1020) (-)

Ion 85.00 (84.70 to 85.70): VU029605.D (-1020) (-)

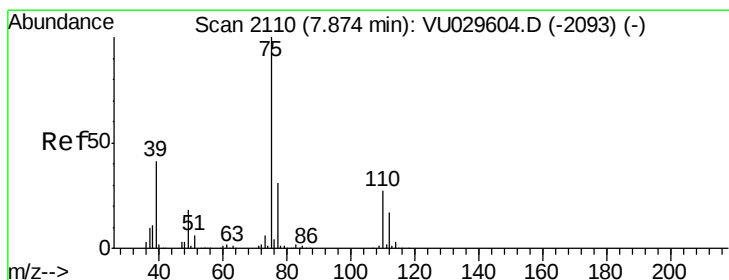
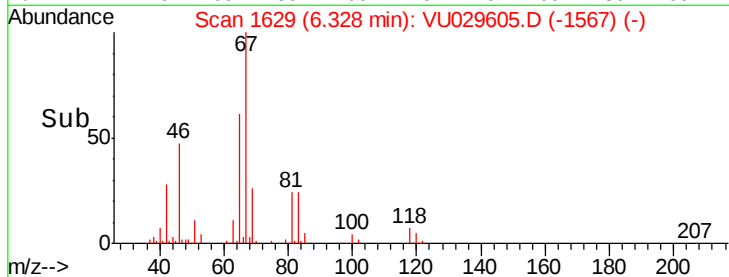
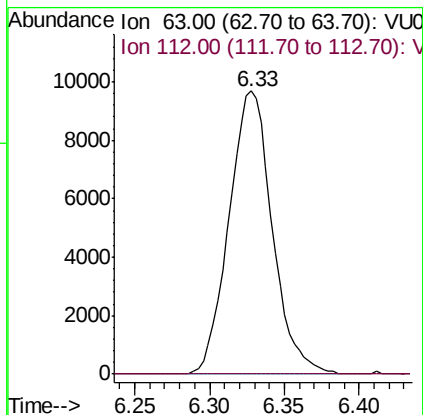
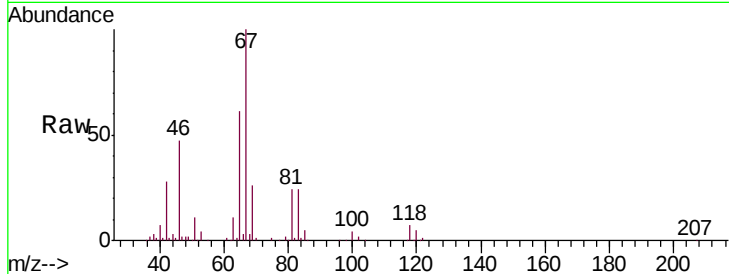




#37
 1,2-Dichloropropane
 Concen: 5.992 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU029605.D
 Acq: 22 Feb 2019 09:06

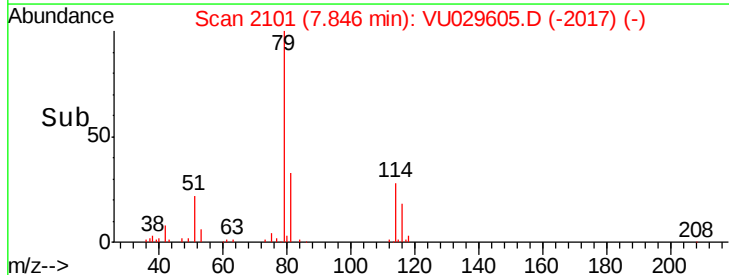
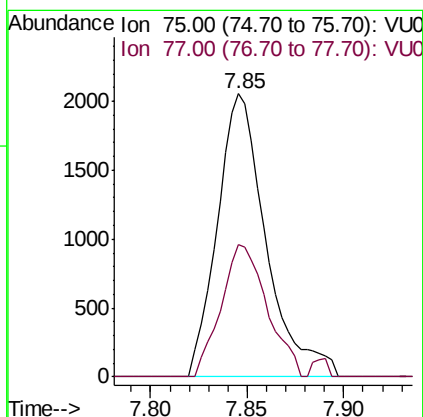
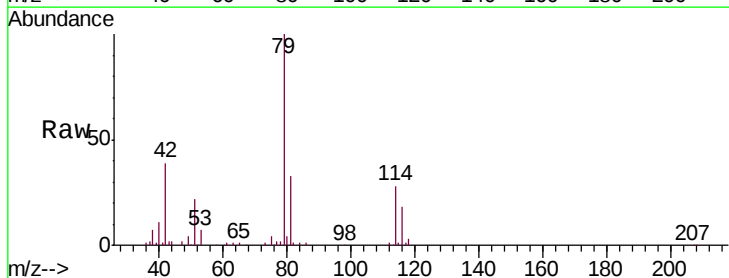
Instrument :
 MSVOA_U
 ClientSampled :
 VBLK59

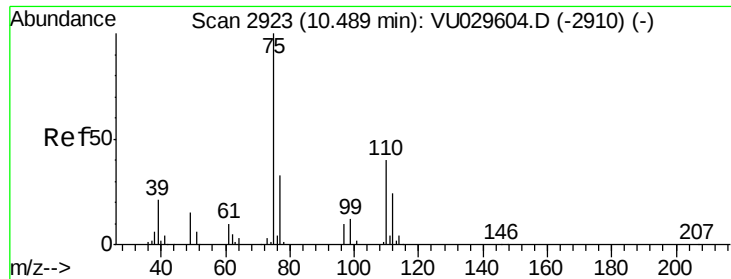
Tgt Ion: 63 Resp: 19497
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#44
 trans-1,3-Dichloropropene
 Concen: 0.726 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU029605.D
 Acq: 22 Feb 2019 09:06

Tgt Ion: 75 Resp: 3590
 Ion Ratio Lower Upper
 75 100
 77 46.6 22.1 41.1#

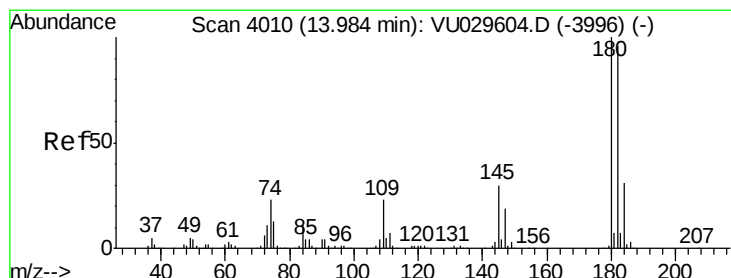
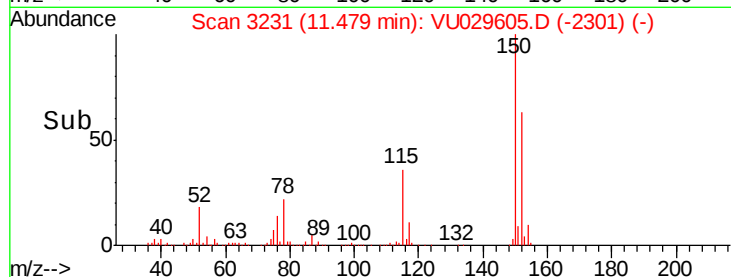
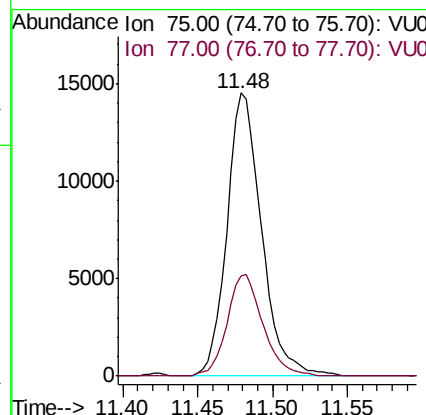
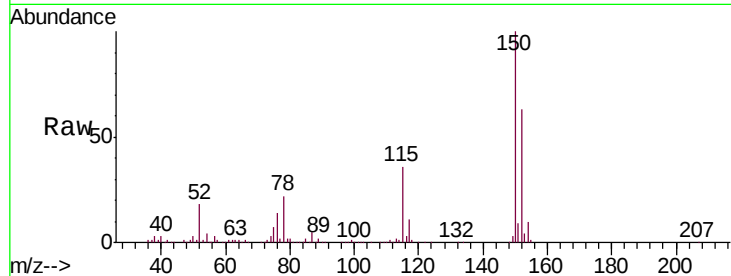




#59
 1,2,3-Trichloropropane
 Concen: 5.048 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU029605.D
 Acq: 22 Feb 2019 09:06

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK59

Tgt Ion: 75 Resp: 23420
 Ion Ratio Lower Upper
 75 100
 77 37.2 25.7 38.5



#70
 1,2,3-Trichlorobenzene
 Concen: 0.490 ug/L
 RT: 14.01 min Scan# 4017
 Delta R.T. 0.02 min
 Lab File: VU029605.D
 Acq: 22 Feb 2019 09:06

Tgt Ion: 180 Resp: 2536
 Ion Ratio Lower Upper
 180 100
 182 40.8 76.8 115.2#
 145 12.1 24.4 36.6#

