

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031119\
 Data File : VU029917.D
 Acq On : 09 Mar 2019 14:06
 Operator : JC/SP
 Sample : VU0311MBL01
 Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK52

Quant Time: Mar 11 02:24:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 11 02:20:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	525724	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	502970	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	237098	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	150990	47.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.14%
7) Chloroethane-d5	1.68	69	129401	47.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.98%
11) 1,1-Dichloroethene-d2	2.27	63	216713	35.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.68%
21) 2-Butanone-d5	4.17	46	254829	102.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.54%
24) Chloroform-d	4.64	84	295410	47.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.64%
26) 1,2-Dichloroethane-d4	5.31	65	180903	49.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.92%
32) Benzene-d6	5.34	84	638887	50.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.94%
36) 1,2-Dichloropropane-d6	6.33	67	198851	52.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.06%
41) Toluene-d8	7.56	98	594806	49.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.92%
43) trans-1,3-Dichloropropene-	7.85	79	91852	50.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.28%
47) 2-Hexanone-d5	8.31	63	210985	103.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	293327	49.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	236532	50.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.72%

Target Compounds

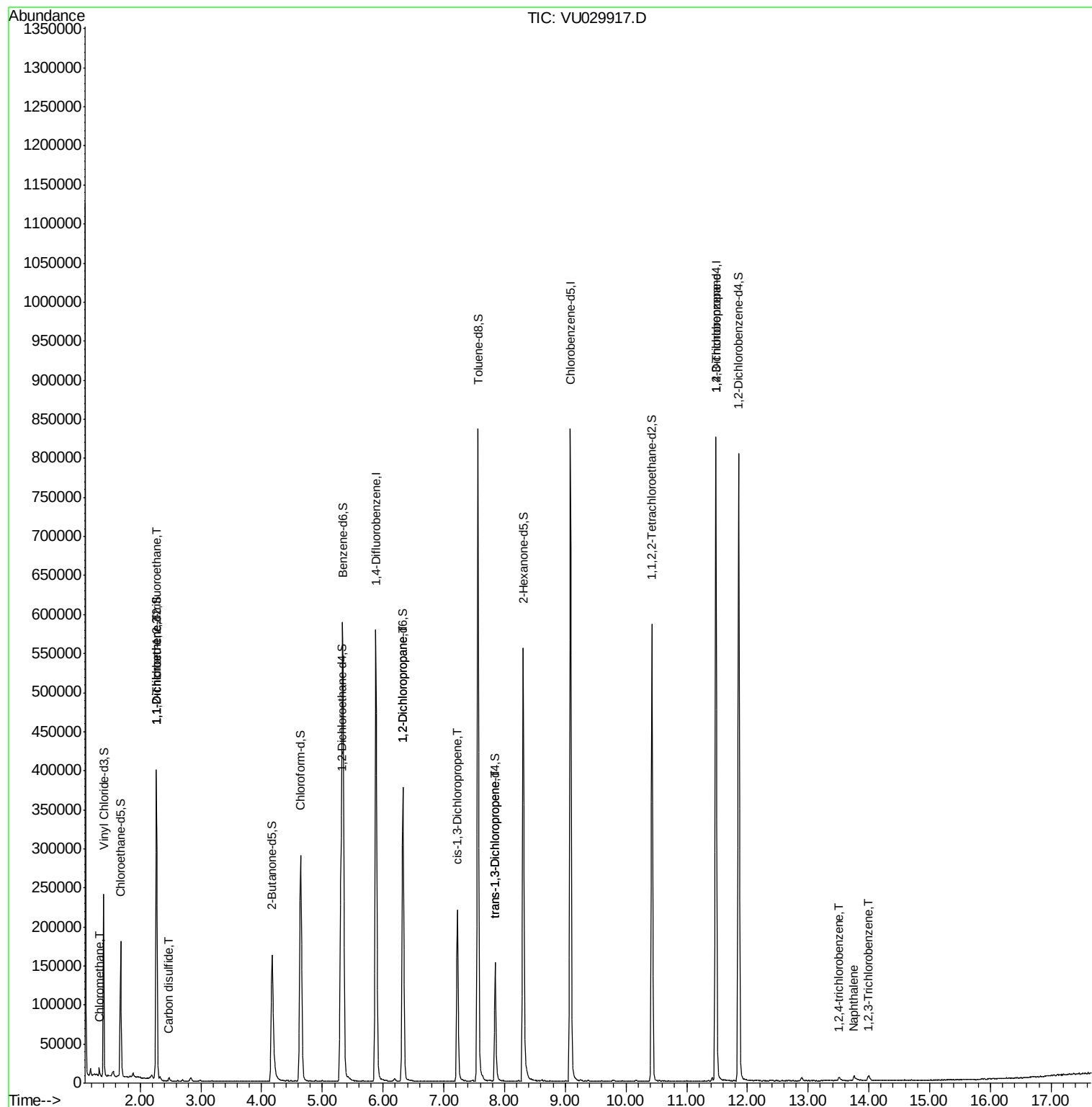
					Qvalue
3) Chloromethane	1.33	50	8053	1.518 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2376	0.709 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	1857	0.571 ug/L #	1
14) Carbon disulfide	2.47	76	5291	0.522 ug/L #	95
37) 1,2-Dichloropropane	6.33	63	19295	5.511 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	5455	1.024 ug/L #	73
44) trans-1,3-Dichloropropene	7.85	75	4041	0.851 ug/L #	74
59) 1,2,3-Trichloropropane	11.48	75	23545	5.073 ug/L	91
68) 1,2,4-trichlorobenzene	13.52	180	2777	0.566 ug/L #	59
69) Naphthalene	13.75	128	8545	0.563 ug/L #	80
70) 1,2,3-Trichlorobenzene	14.00	180	3719	0.722 ug/L	88

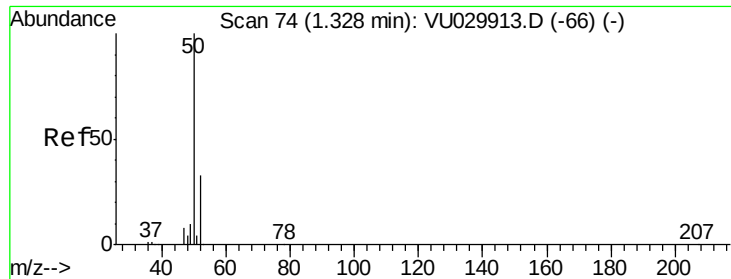
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.518 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU029917.D

Acq: 09 Mar 2019 14:06

Instrument :

MSVOA_U

ClientSampleId :

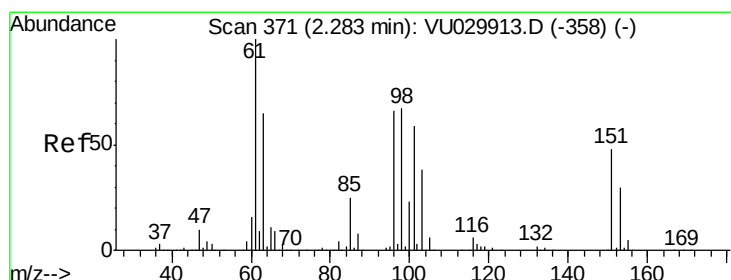
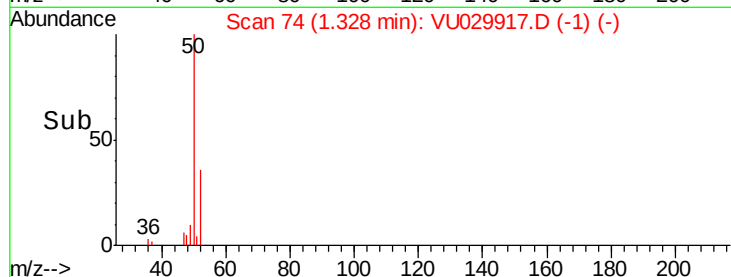
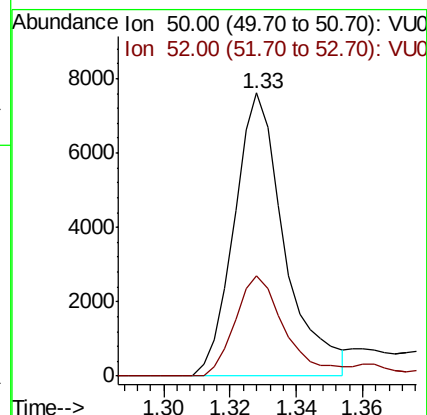
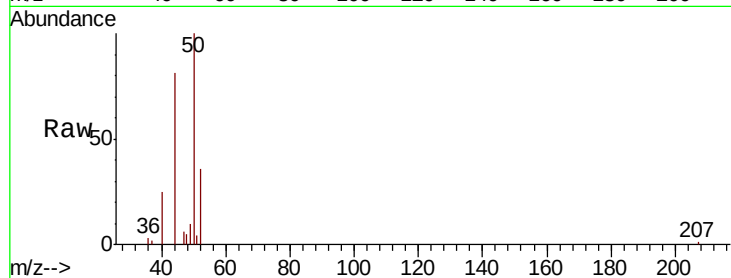
VBLK52

Tgt Ion: 50 Resp: 8053

Ion Ratio Lower Upper

50 100

52 35.5 23.1 42.9



#10

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

Concen: 0.709 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU029917.D

Acq: 09 Mar 2019 14:06

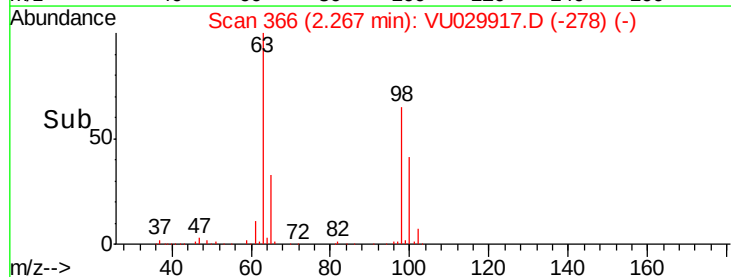
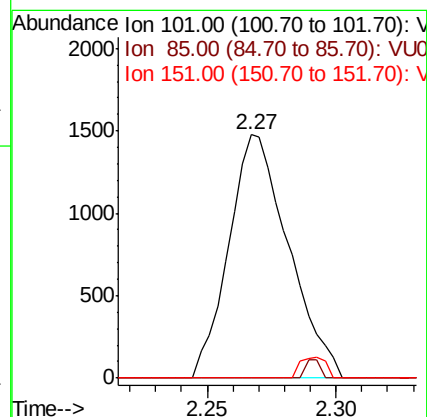
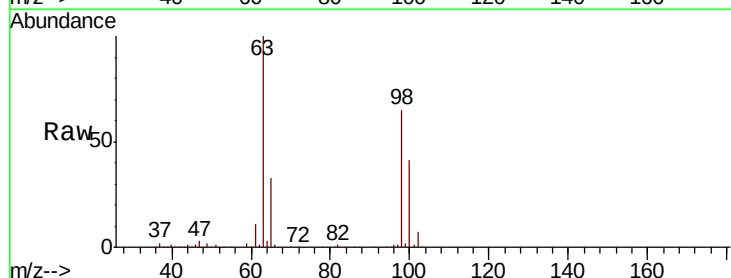
Tgt Ion: 101 Resp: 2376

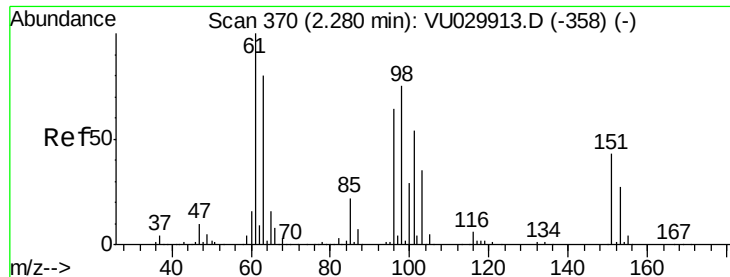
Ion Ratio Lower Upper

101 100

85 1.8 33.4 50.2#

151 3.7 65.8 98.6#

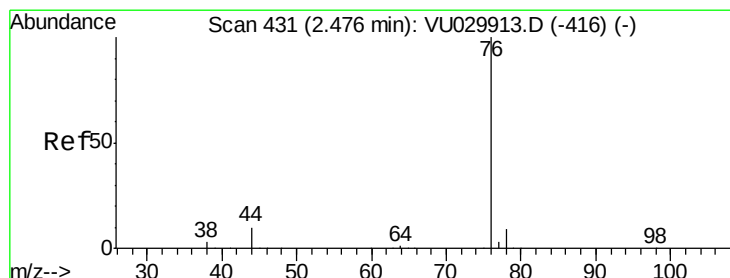
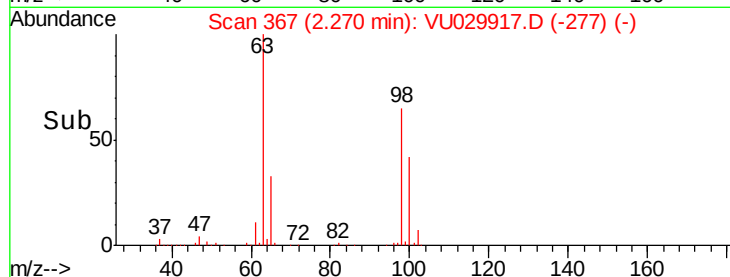
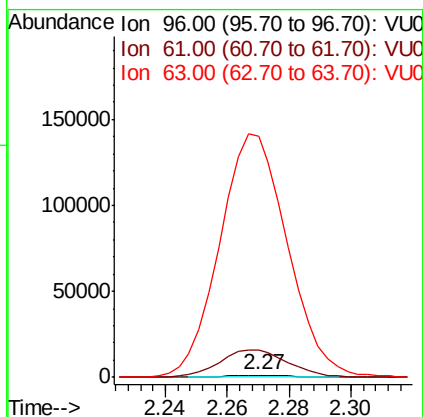
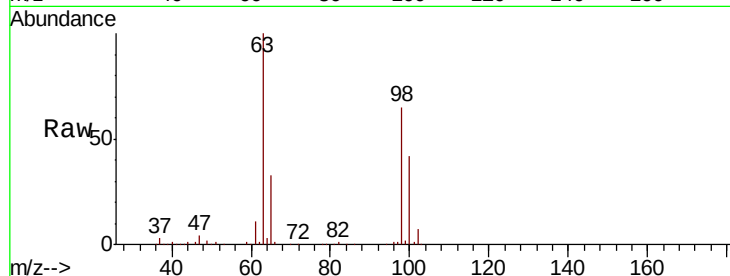




#12
 1,1-Dichloroethene
 Concen: 0.571 ug/L
 RT: 2.27 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VU029917.D
 Acq: 09 Mar 2019 14:06

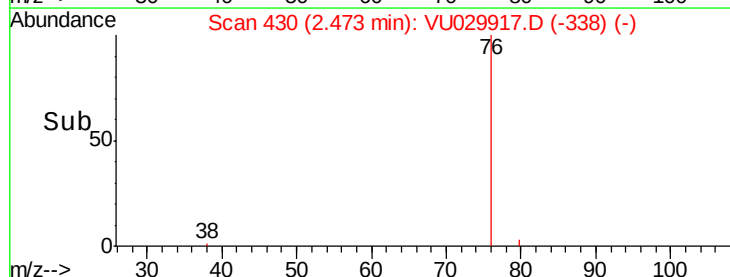
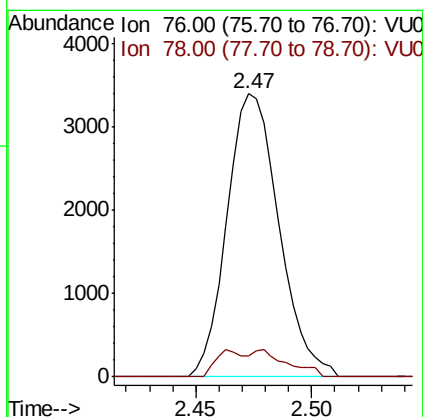
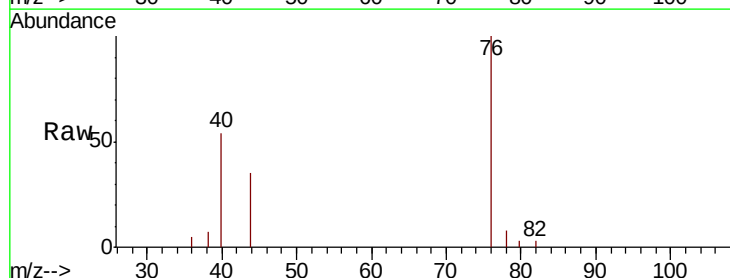
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK52

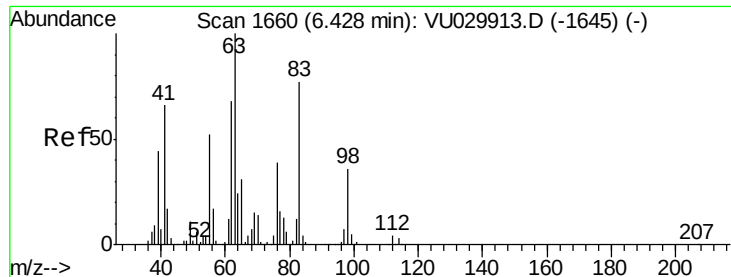
Tgt Ion: 96 Resp: 1857
 Ion Ratio Lower Upper
 96 100
 61 1289.3 109.0 202.4#
 63 11559.1 88.1 163.5#



#14
 Carbon disulfide
 Concen: 0.522 ug/L
 RT: 2.47 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: VU029917.D
 Acq: 09 Mar 2019 14:06

Tgt Ion: 76 Resp: 5291
 Ion Ratio Lower Upper
 76 100
 78 7.5 7.5 11.3#

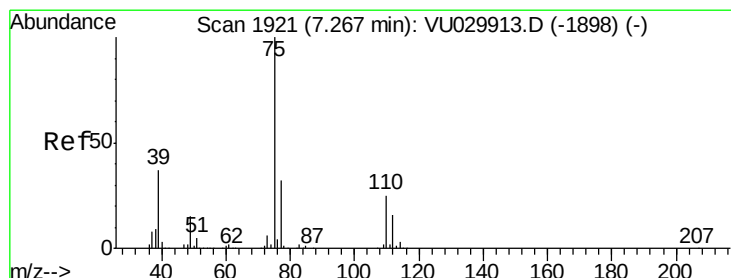
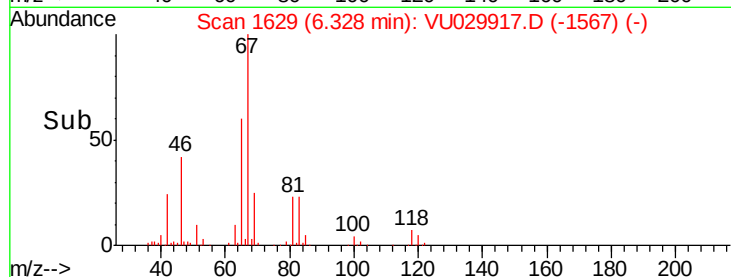
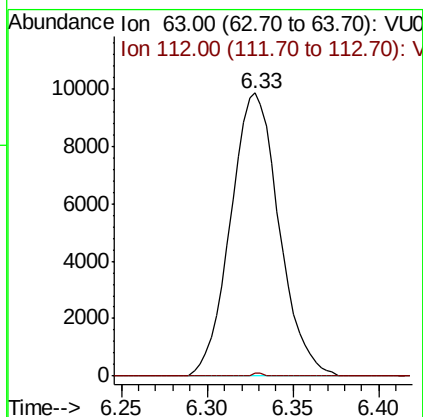
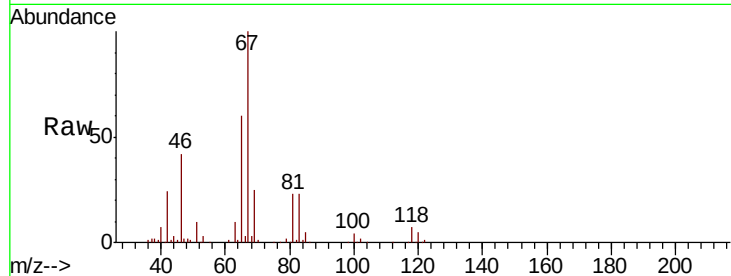




#37
 1,2-Dichloropropane
 Concen: 5.511 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU029917.D
 Acq: 09 Mar 2019 14:06

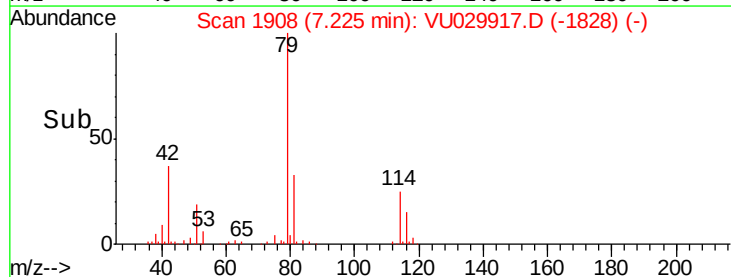
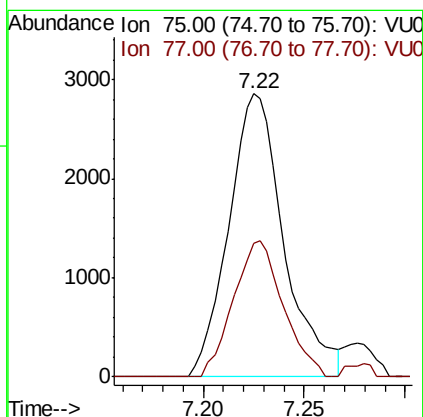
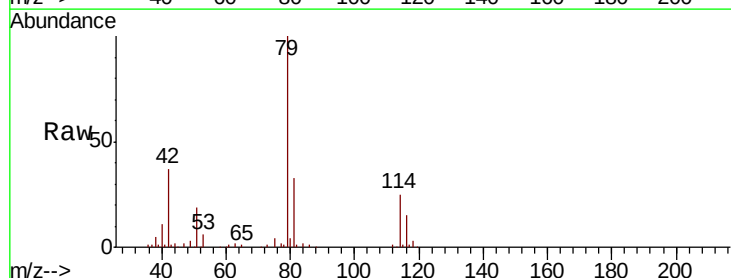
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK52

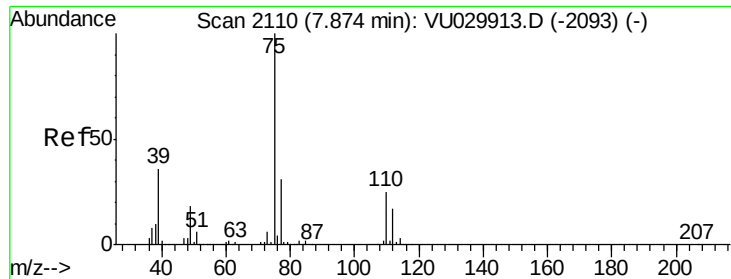
Tgt Ion: 63 Resp: 19295
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 1.024 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU029917.D
 Acq: 09 Mar 2019 14:06

Tgt Ion: 75 Resp: 5455
 Ion Ratio Lower Upper
 75 100
 77 47.0 22.5 41.9#





#44

trans-1,3-Dichloropropene

Concen: 0.851 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU029917.D

Acq: 09 Mar 2019 14:06

Instrument :

MSVOA_U

ClientSampleId :

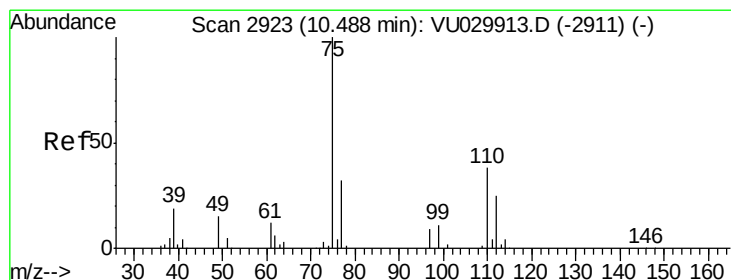
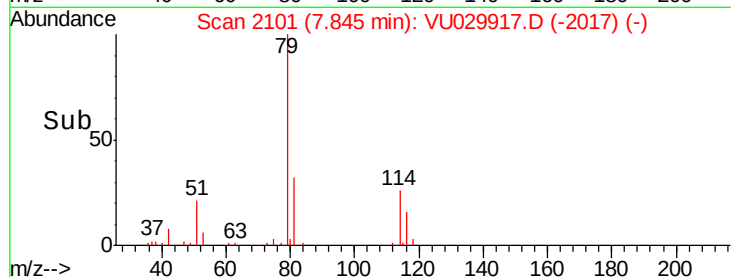
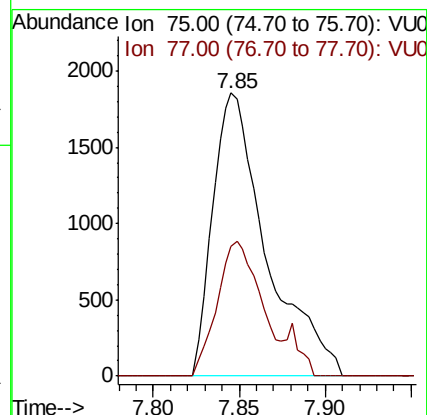
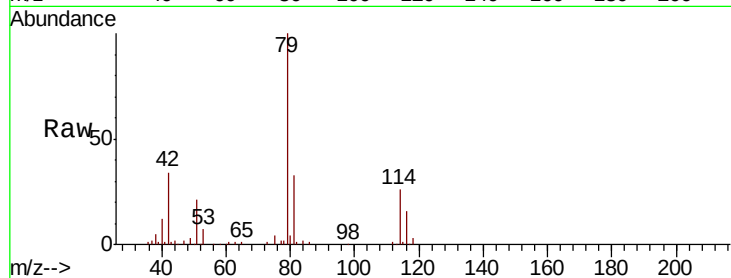
VBLK52

Tgt Ion: 75 Resp: 4041

Ion Ratio Lower Upper

75 100

77 45.7 21.8 40.6#



#59

1,2,3-Trichloropropane

Concen: 5.073 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029917.D

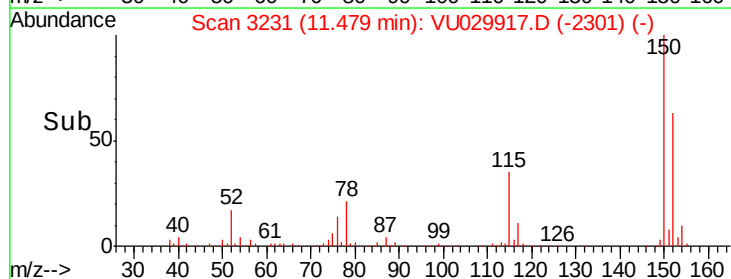
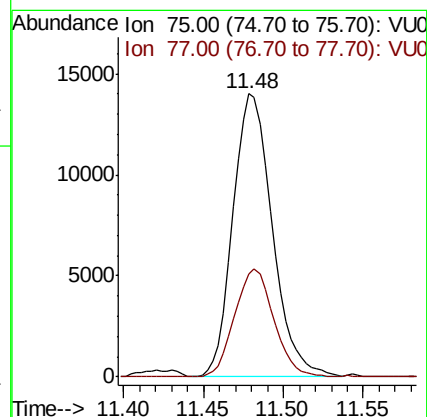
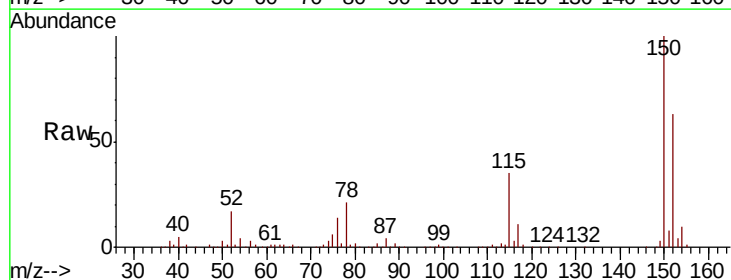
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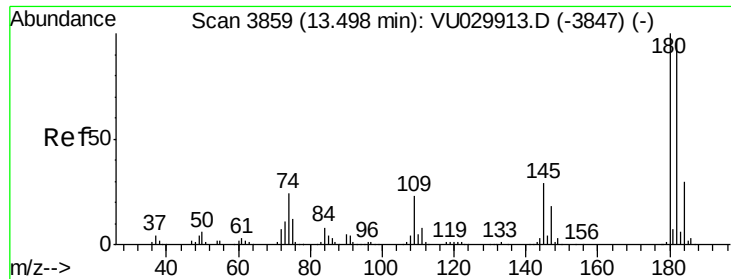
Tgt Ion: 75 Resp: 23545

Ion Ratio Lower Upper

75 100

77 37.6 26.1 39.1

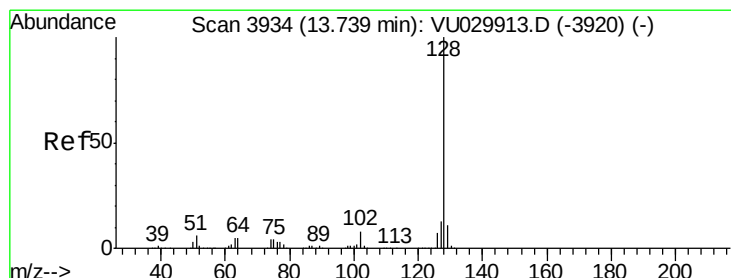
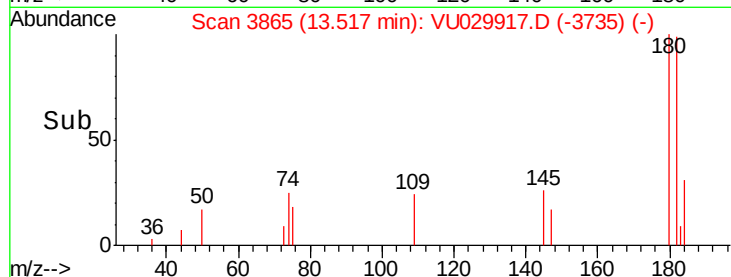
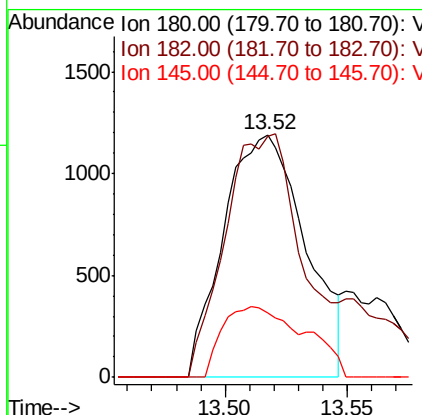
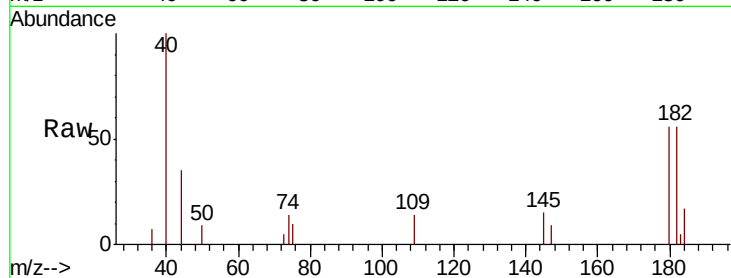




#68
 1,2,4-trichlorobenzene
 Concen: 0.566 ug/L
 RT: 13.52 min Scan# 3865
 Delta R.T. 0.02 min
 Lab File: VU029917.D
 Acq: 09 Mar 2019 14:06

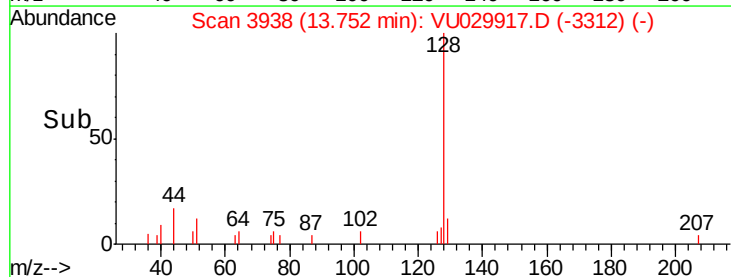
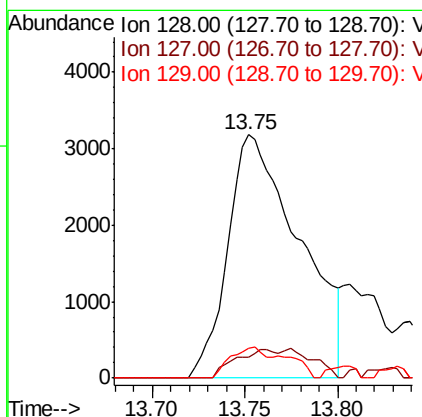
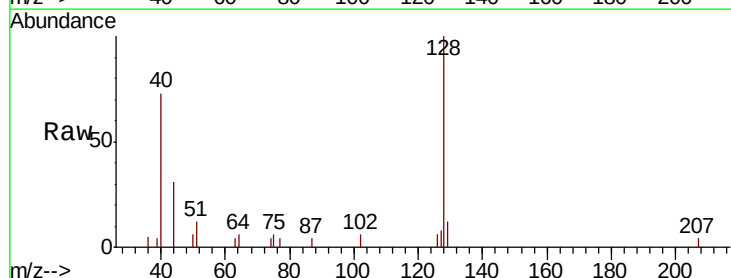
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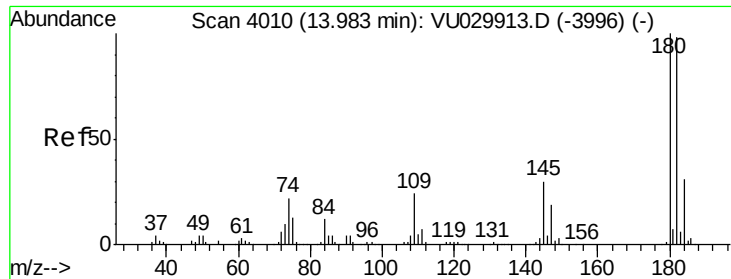
Tgt Ion:180 Resp: 2777
 Ion Ratio Lower Upper
 180 100
 182 45.9 76.0 114.0#
 145 23.1 22.7 34.1



#69
 Naphthalene
 Concen: 0.563 ug/L
 RT: 13.75 min Scan# 3938
 Delta R.T. 0.01 min
 Lab File: VU029917.D
 Acq: 09 Mar 2019 14:06

Tgt Ion:128 Resp: 8545
 Ion Ratio Lower Upper
 128 100
 127 2.4 10.2 15.2#
 129 6.0 8.7 13.1#

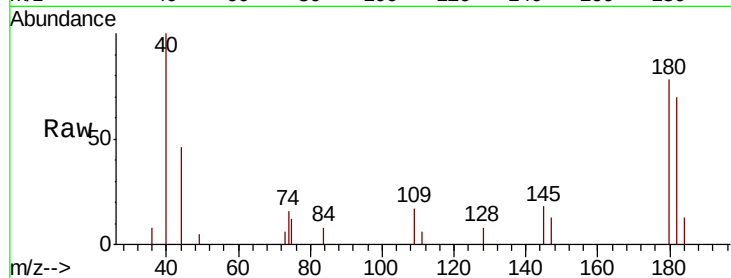




#70
 1,2,3-Trichlorobenzene
 Concen: 0.722 ug/L
 RT: 14.00 min Scan# 4014
 Delta R.T. 0.01 min
 Lab File: VU029917.D
 Acq: 09 Mar 2019 14:06

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK52

Tgt Ion:180 Resp: 3719
 Ion Ratio Lower Upper
 180 100
 182 82.3 76.3 114.5
 145 26.9 24.3 36.5



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

