

Data File : VU029941.D
Acq On : 10 Mar 2019 12:10
Operator : JC/SP
Sample : VU0312MBL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK53

Quant Time: Mar 11 07:12:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031119WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 07:10:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	534863	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	511880	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	244002	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	153153	46.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.86%
7) Chloroethane-d5	1.68	69	130220	47.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.94%
11) 1,1-Dichloroethene-d2	2.27	63	217477	35.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.72%
21) 2-Butanone-d5	4.17	46	256054	101.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.27%
24) Chloroform-d	4.64	84	296780	46.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.46%
26) 1,2-Dichloroethane-d4	5.31	65	180412	48.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.96%
32) Benzene-d6	5.34	84	645997	50.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.28%
36) 1,2-Dichloropropane-d6	6.32	67	197822	51.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.68%
41) Toluene-d8	7.56	98	606481	49.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.10%
43) trans-1,3-Dichloropropene-	7.85	79	90837	48.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.44%
47) 2-Hexanone-d5	8.31	63	200077	96.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.51%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	300116	49.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	245271	51.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.50%

Target Compounds

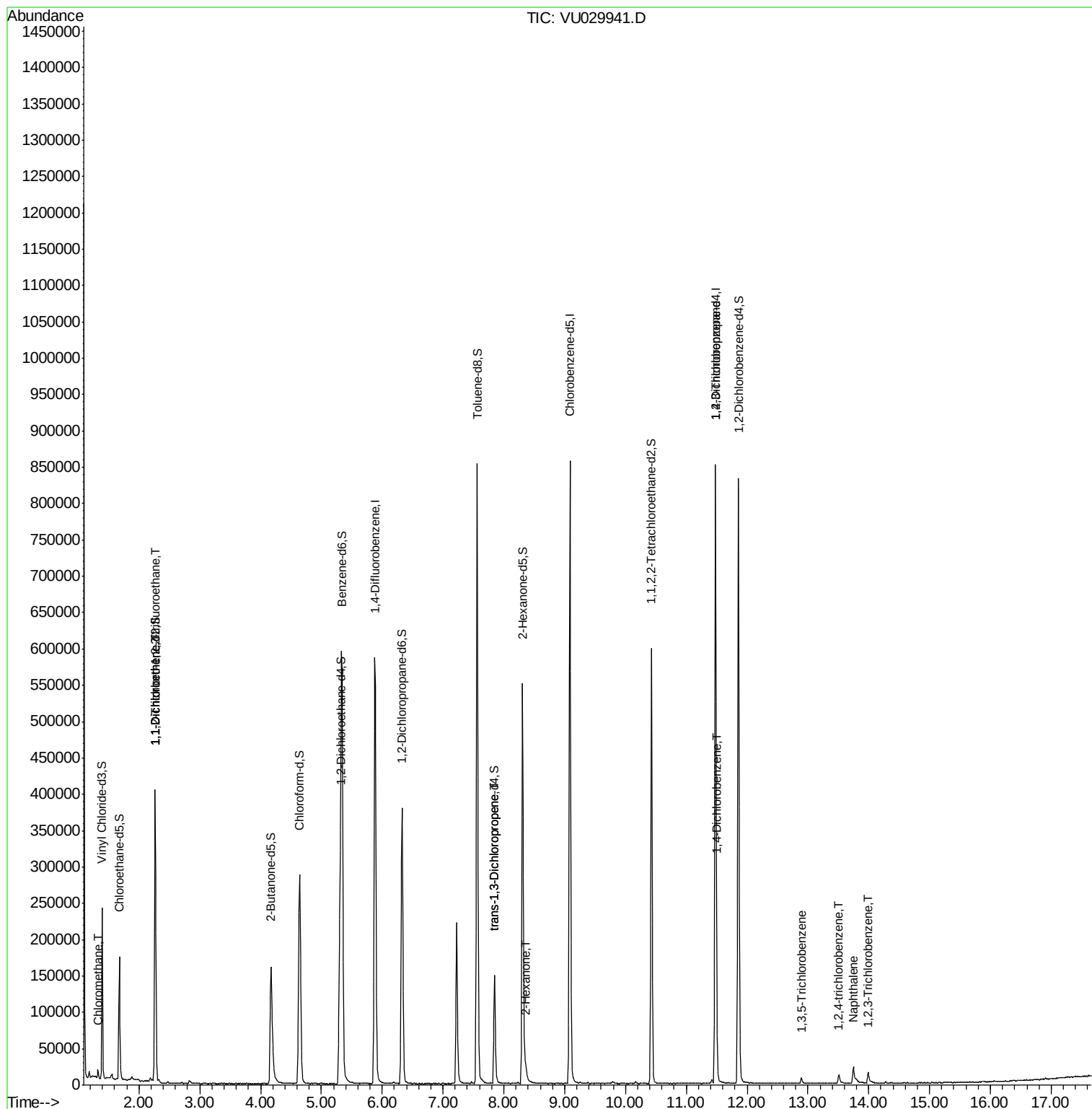
					Qvalue
3) Chloromethane	1.33	50	8611	1.595 ug/L	87
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2416	0.709 ug/L #	19
12) 1,1-Dichloroethene	2.27	96	2099	0.634 ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	3836	0.794 ug/L #	79
48) 2-Hexanone	8.36	43	10563	2.630 ug/L #	96
59) 1,2,3-Trichloropropane	11.48	75	25565	5.412 ug/L	96
63) 1,4-Dichlorobenzene	11.51	146	4468	0.585 ug/L	96
67) 1,3,5-Trichlorobenzene	12.89	180	4021	0.710 ug/L #	94
68) 1,2,4-trichlorobenzene	13.51	180	6285	1.244 ug/L #	88
69) Naphthalene	13.75	128	25025	1.603 ug/L #	93
70) 1,2,3-Trichlorobenzene	13.99	180	7312	1.379 ug/L	97

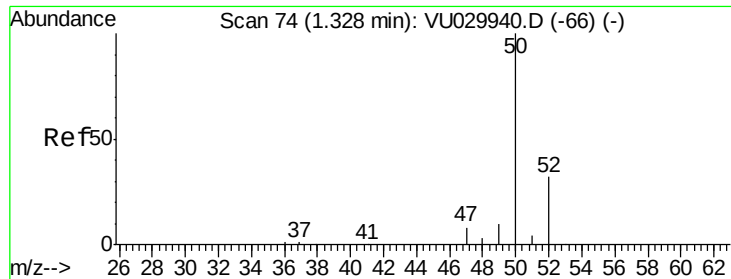
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.595 ug/L

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

Lab File: VU029941.D

Acq: 10 Mar 2019 12:10

Instrument :

MSVOA_U

ClientSampleId :

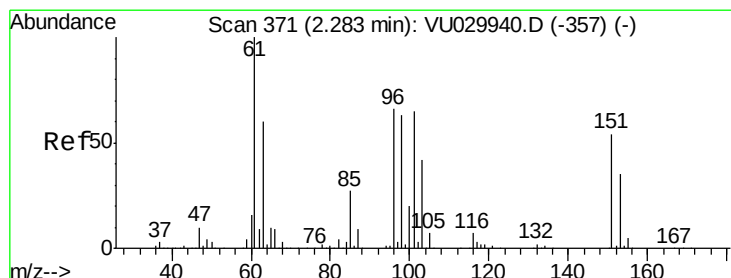
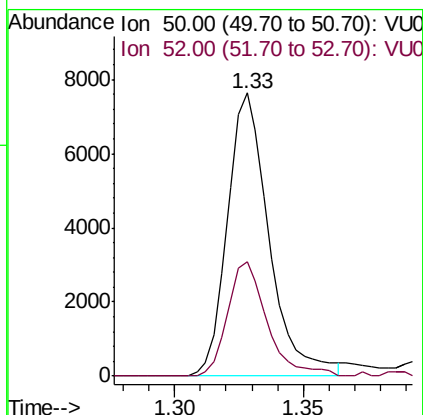
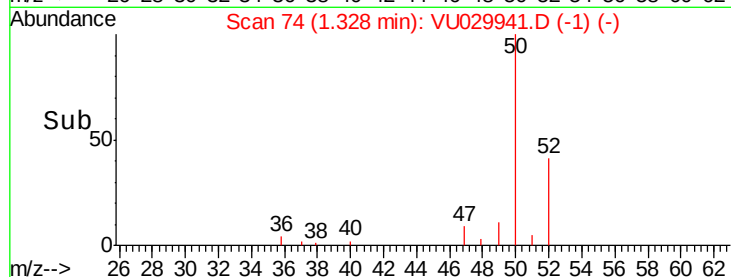
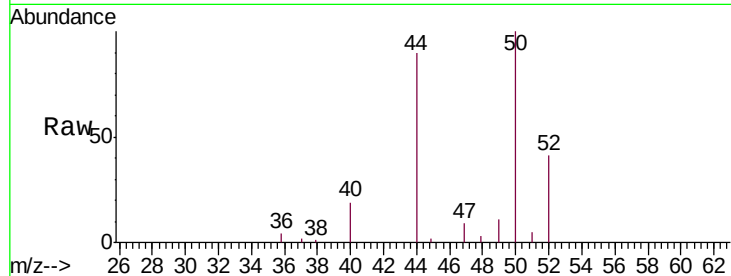
VBLK53

Tgt Ion: 50 Resp: 8611

Ion Ratio Lower Upper

50 100

52 40.6 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: VU029941.D

Acq: 10 Mar 2019 12:10

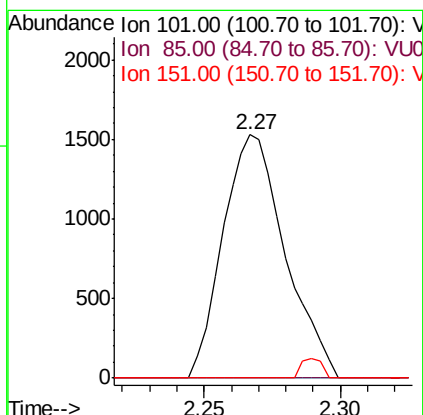
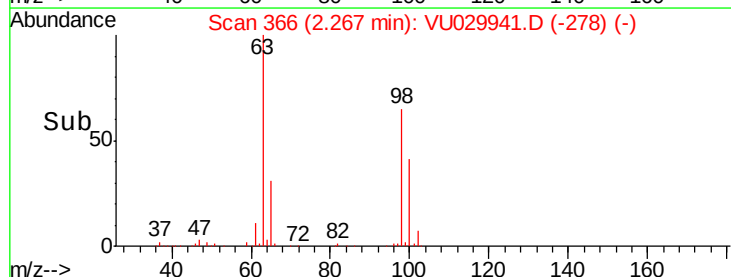
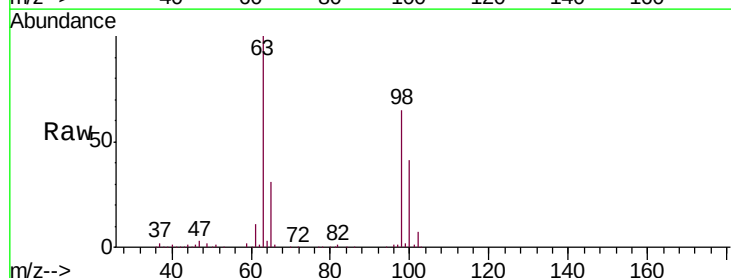
Tgt Ion: 101 Resp: 2416

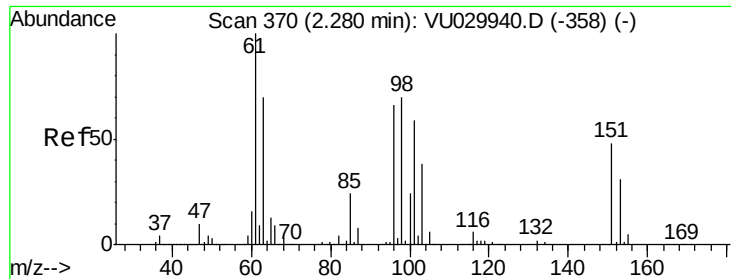
Ion Ratio Lower Upper

101 100

85 0.0 33.4 50.2#

151 2.7 65.8 98.6#

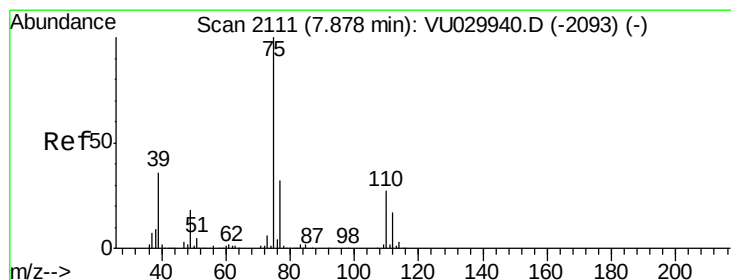
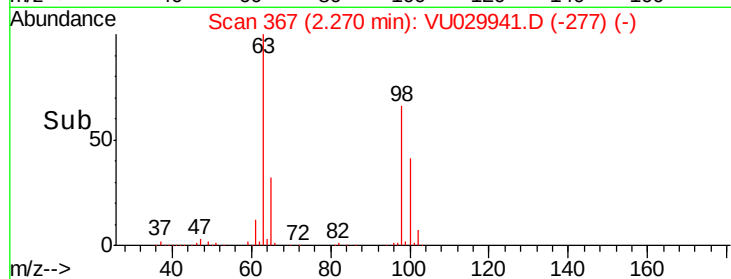
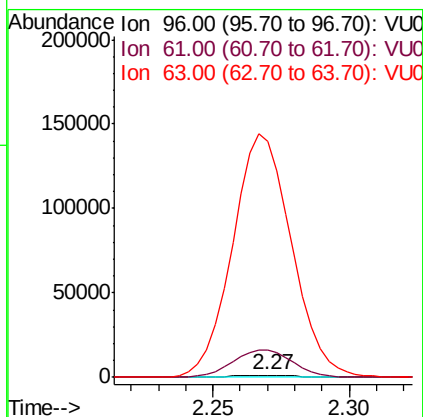
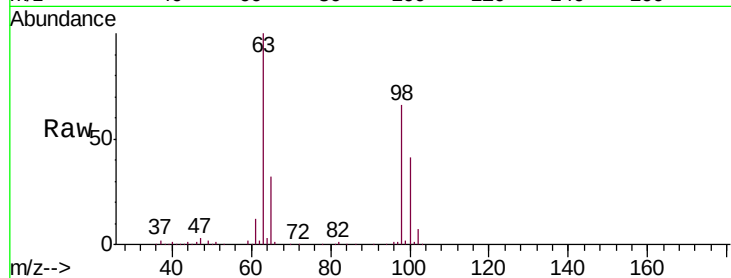




#12
 1,1-Dichloroethene
 Concen: 0.634 ug/L
 RT: 2.27 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VU029941.D
 Acq: 10 Mar 2019 12:10

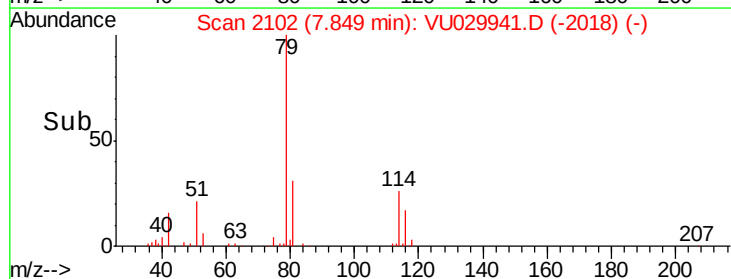
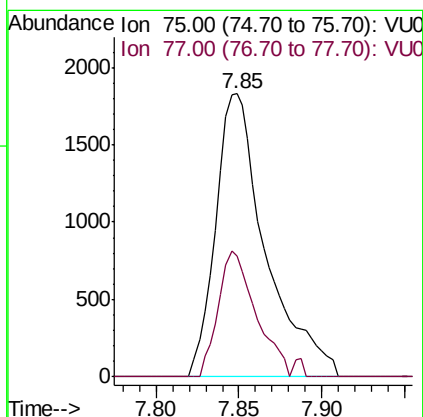
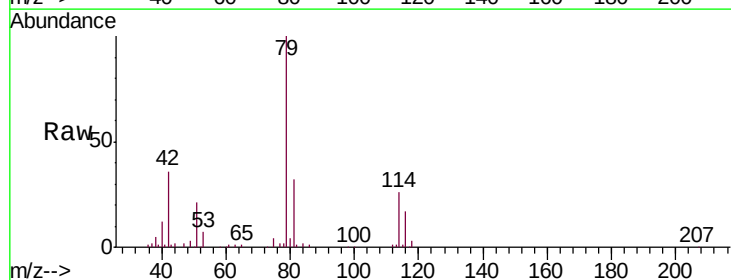
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK53

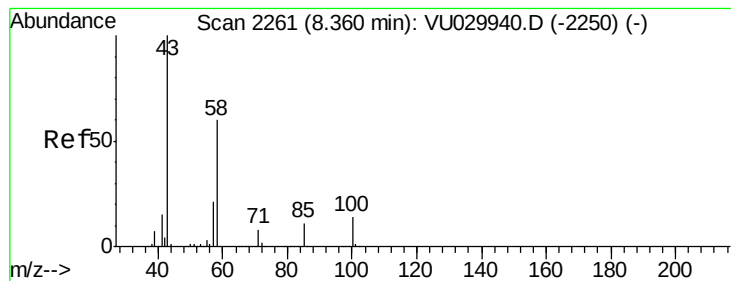
Tgt Ion: 96 Resp: 2099
 Ion Ratio Lower Upper
 96 100
 61 1211.7 109.0 202.4#
 63 10509.8 88.1 163.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.794 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU029941.D
 Acq: 10 Mar 2019 12:10

Tgt Ion: 75 Resp: 3836
 Ion Ratio Lower Upper
 75 100
 77 42.8 21.8 40.6#





#48

2-Hexanone

Concen: 2.630 ug/L

RT: 8.36 min Scan# 2261

Delta R.T. -0.00 min

Lab File: VU029941.D

Acq: 10 Mar 2019 12:10

Instrument :

MSVOA_U

ClientSampleId :

VBLK53

Tgt Ion: 43 Resp: 10563

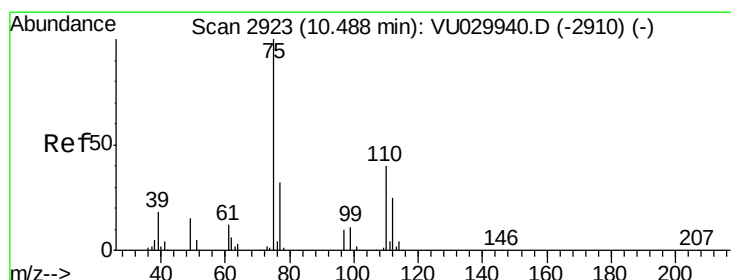
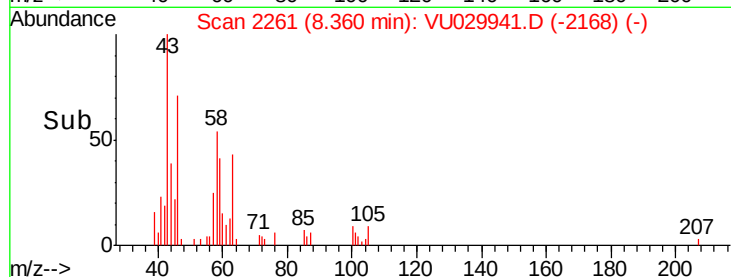
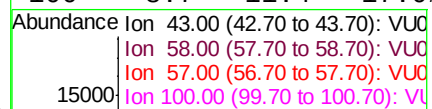
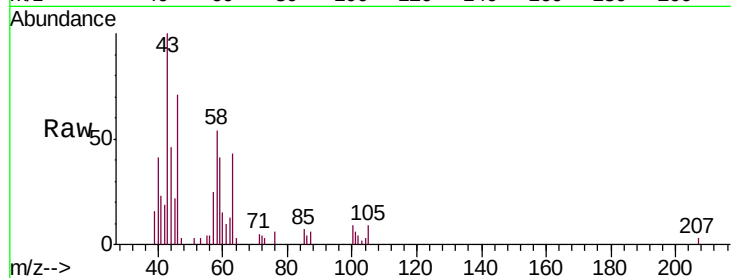
Ion Ratio Lower Upper

43 100

58 58.9 49.2 73.8

57 21.1 16.6 25.0

100 8.7 11.4 17.0#



#59

1,2,3-Trichloropropane

Concen: 5.412 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029941.D

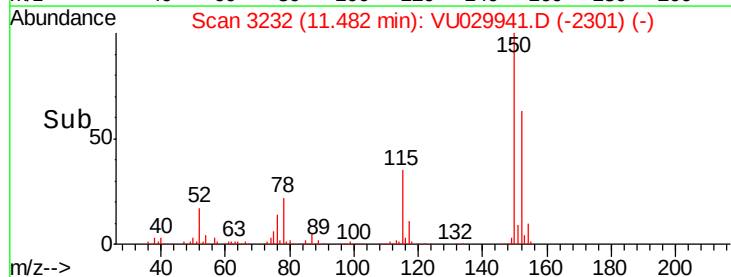
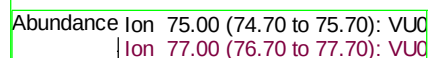
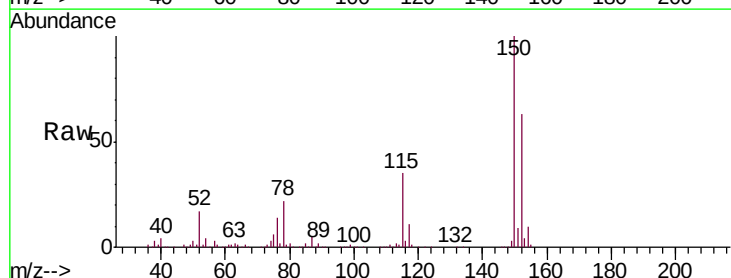
Acq: 10 Mar 2019 12:10

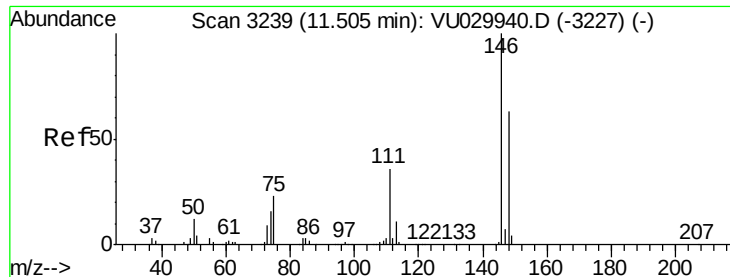
Tgt Ion: 75 Resp: 25565

Ion Ratio Lower Upper

75 100

77 34.9 26.1 39.1

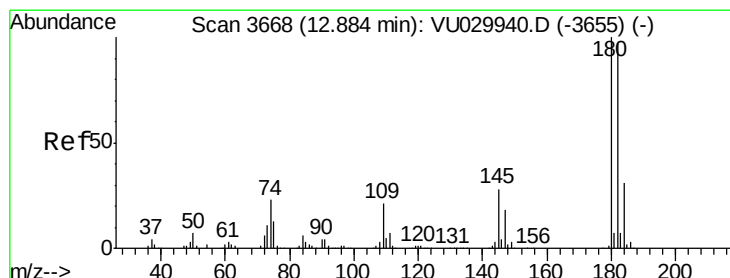
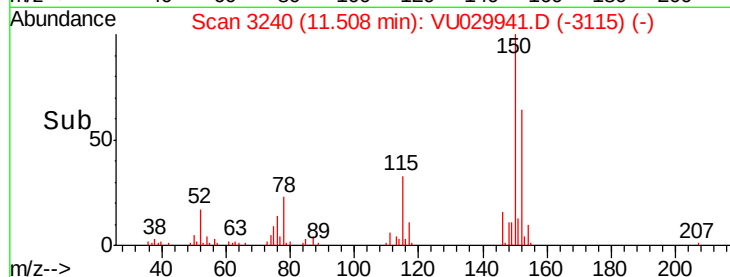
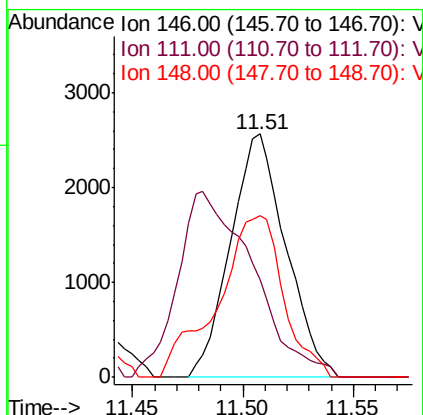
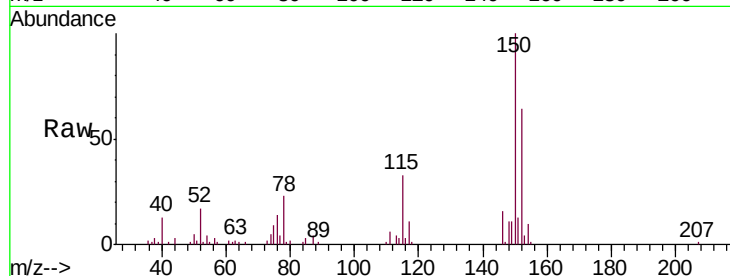




#63
 1,4-Dichlorobenzene
 Concen: 0.585 ug/L
 RT: 11.51 min Scan# 3240
 Delta R.T. 0.00 min
 Lab File: VU029941.D
 Acq: 10 Mar 2019 12:10

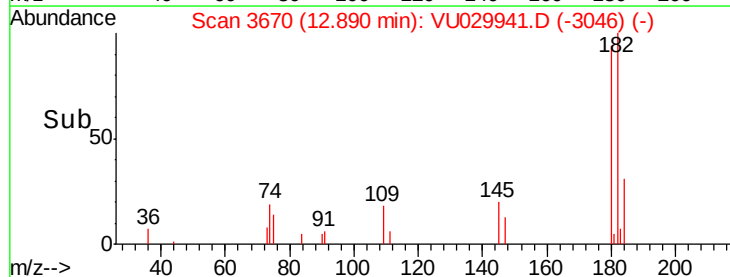
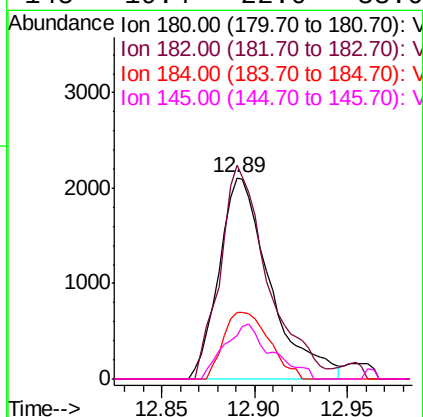
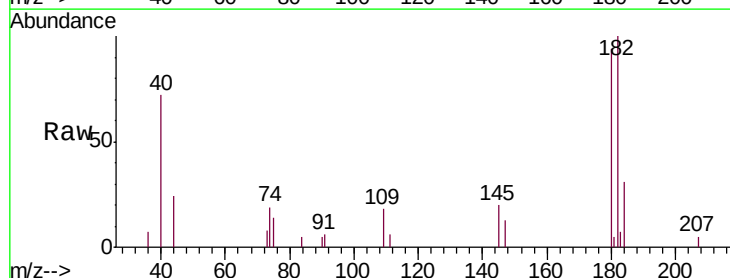
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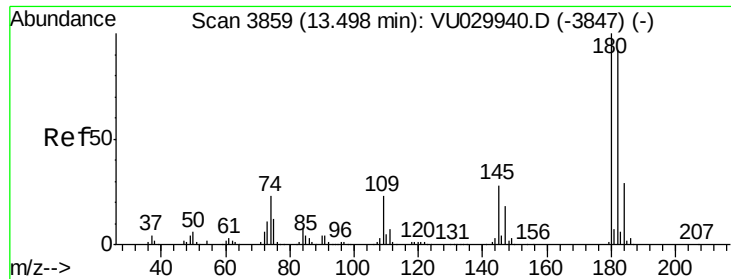
Tgt Ion:146 Resp: 4468
 Ion Ratio Lower Upper
 146 100
 111 40.0 25.3 46.9
 148 66.4 44.9 83.3



#67
 1,3,5-Trichlorobenzene
 Concen: 0.710 ug/L
 RT: 12.89 min Scan# 3670
 Delta R.T. 0.01 min
 Lab File: VU029941.D
 Acq: 10 Mar 2019 12:10

Tgt Ion:180 Resp: 4021
 Ion Ratio Lower Upper
 180 100
 182 99.6 76.7 115.1
 184 29.1 24.2 36.4
 145 19.4 22.0 33.0#

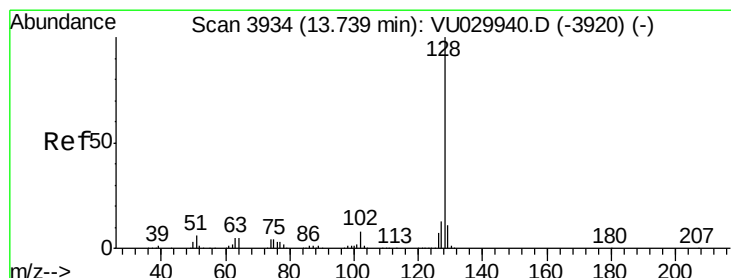
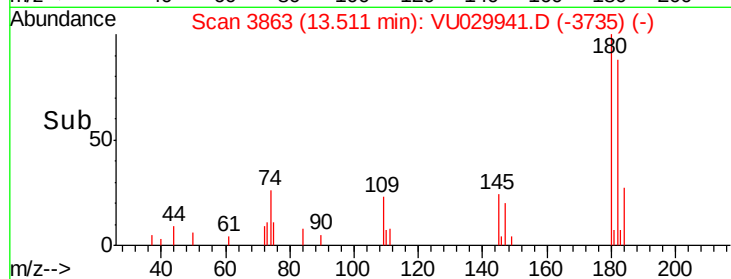
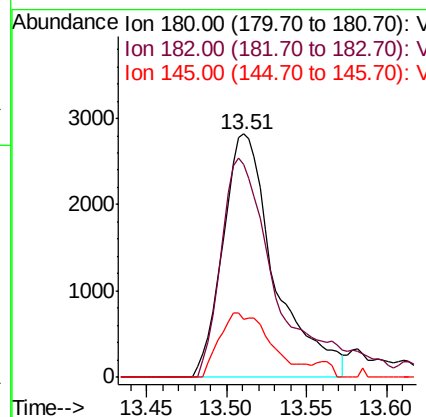
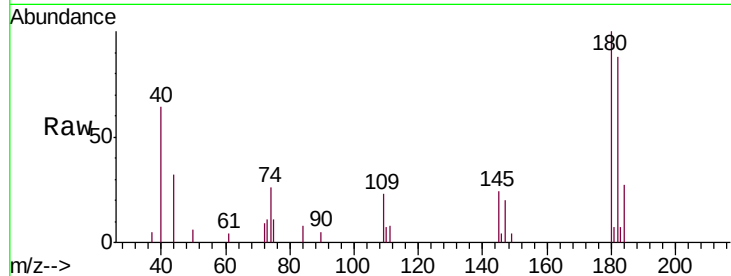




#68
 1,2,4-trichlorobenzene
 Concen: 1.244 ug/L
 RT: 13.51 min Scan# 3863
 Delta R.T. 0.01 min
 Lab File: VU029941.D
 Acq: 10 Mar 2019 12:10

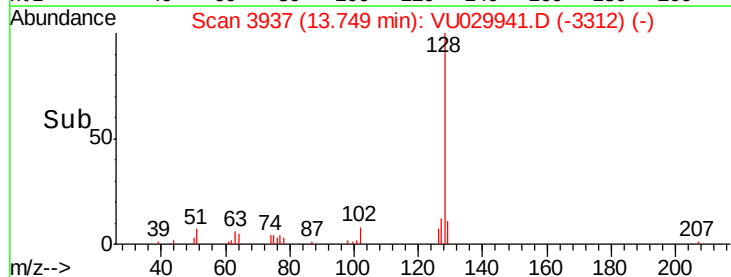
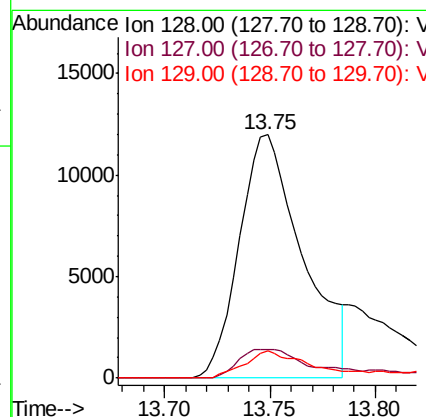
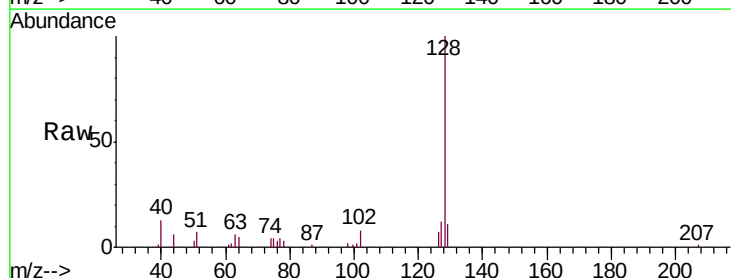
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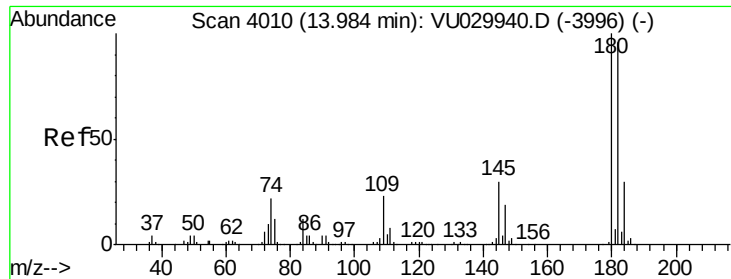
Tgt Ion:180 Resp: 6285
 Ion Ratio Lower Upper
 180 100
 182 88.8 76.0 114.0
 145 13.0 22.7 34.1#



#69
 Naphthalene
 Concen: 1.603 ug/L
 RT: 13.75 min Scan# 3937
 Delta R.T. 0.01 min
 Lab File: VU029941.D
 Acq: 10 Mar 2019 12:10

Tgt Ion:128 Resp: 25025
 Ion Ratio Lower Upper
 128 100
 127 10.9 10.2 15.2
 129 7.0 8.7 13.1#

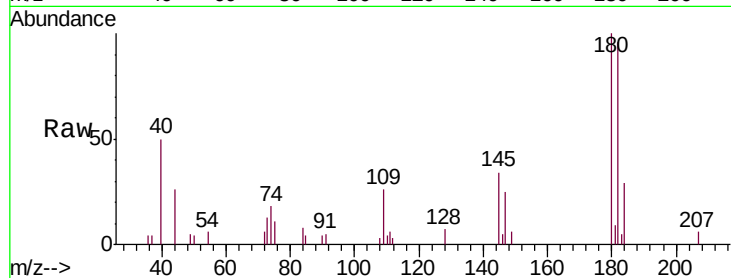




#70
 1,2,3-Trichlorobenzene
 Concen: 1.379 ug/L
 RT: 13.99 min Scan# 4013
 Delta R.T. 0.01 min
 Lab File: VU029941.D
 Acq: 10 Mar 2019 12:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK53

Tgt Ion:180 Resp: 7312
 Ion Ratio Lower Upper
 180 100
 182 91.8 76.3 114.5
 145 31.6 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

