

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052819\
 Data File : VU032325.D
 Acq On : 28 May 2019 13:50
 Operator : JC/SP
 Sample : VU0528WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK43

Quant Time: May 29 05:30:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052819WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 29 05:27:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	824671	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	808284	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	353190	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	290143	47.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.46%
7) Chloroethane-d5	1.68	69	238746	48.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.28%
11) 1,1-Dichloroethene-d2	2.27	63	394734	36.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.10%
21) 2-Butanone-d5	4.17	46	409384	102.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.33%
24) Chloroform-d	4.64	84	497130	46.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.46%
26) 1,2-Dichloroethane-d4	5.31	65	309226	49.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.22%
32) Benzene-d6	5.34	84	1061981	50.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.18%
36) 1,2-Dichloropropane-d6	6.32	67	327505	49.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.54%
41) Toluene-d8	7.56	98	984109	49.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.50%
43) trans-1,3-Dichloropropene-	7.85	79	146553	48.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.26%
47) 2-Hexanone-d5	8.31	63	278061	100.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.71%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	469789	46.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.44%
64) 1,2-Dichlorobenzene-d4	11.85	152	366968	50.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.90%

Target Compounds

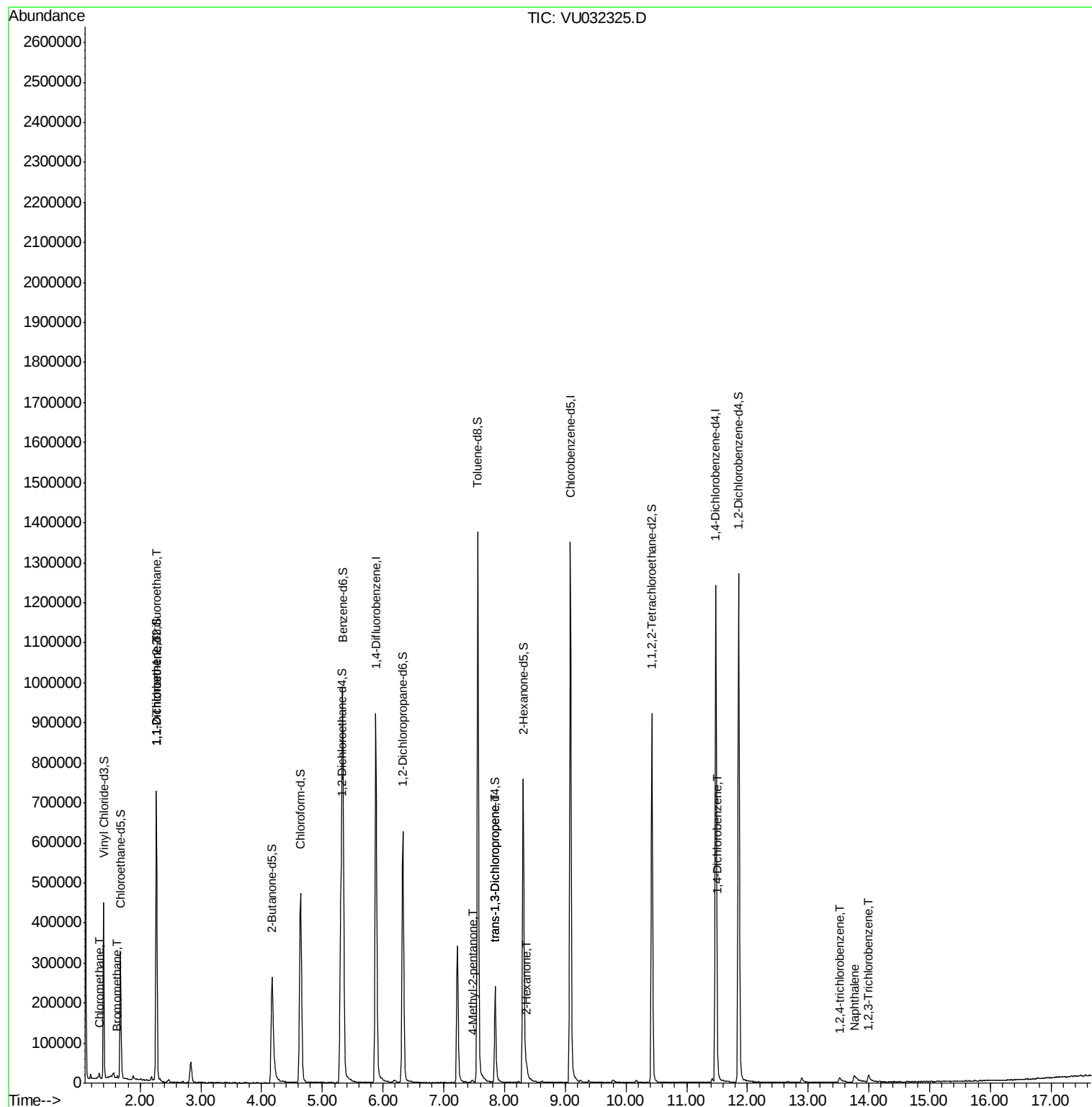
					Qvalue
3) Chloromethane	1.33	50	8050	1.187 ug/L	93
6) Bromomethane	1.63	94	3363	0.761 ug/L	84
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4086	0.781 ug/L #	31
12) 1,1-Dichloroethene	2.27	96	3716	0.696 ug/L #	1
40) 4-Methyl-2-pentanone	7.47	43	4638	0.602 ug/L #	71
44) trans-1,3-Dichloropropene	7.84	75	6399	0.837 ug/L	94
48) 2-Hexanone	8.36	43	18452	2.935 ug/L #	87
63) 1,4-Dichlorobenzene	11.51	146	6632	0.594 ug/L	95
68) 1,2,4-trichlorobenzene	13.52	180	4925	0.794 ug/L #	70
69) Naphthalene	13.76	128	9522	0.513 ug/L #	64
70) 1,2,3-Trichlorobenzene	13.99	180	7285	1.086 ug/L #	90

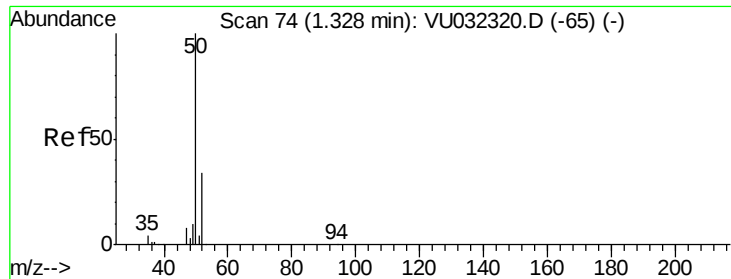
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 29 05:27:35 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 1.187 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU032325.D

Acq: 28 May 2019 13:50

Instrument :

MSVOA_U

ClientSampleId :

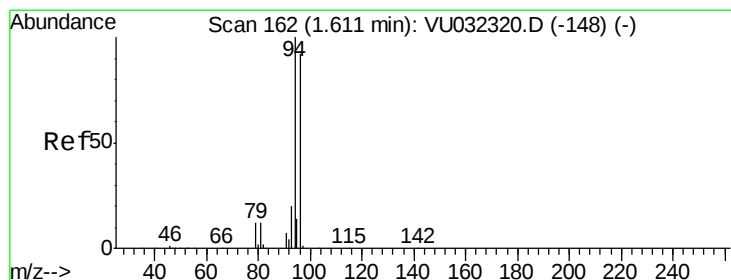
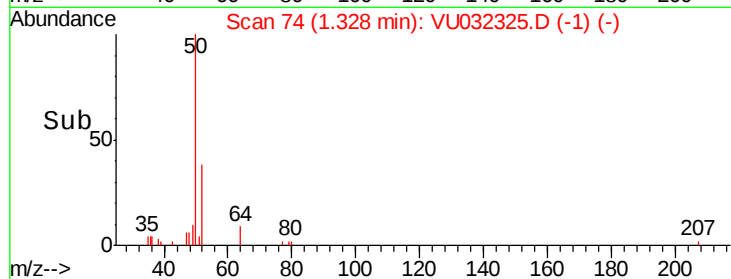
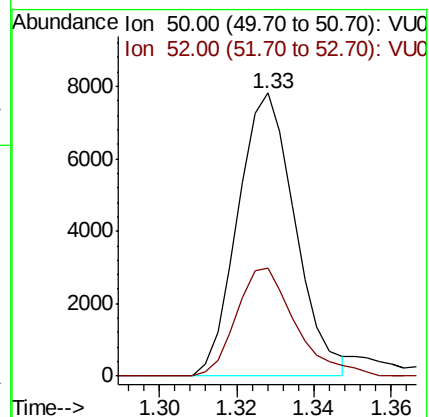
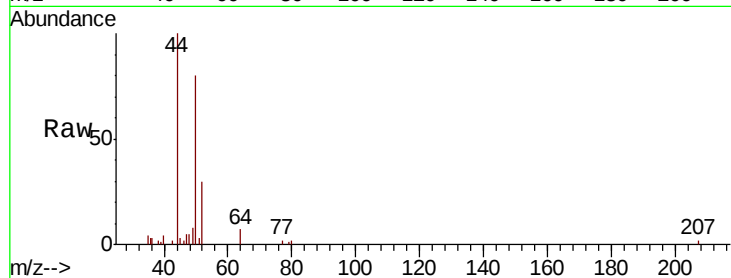
VBLK43

Tgt Ion: 50 Resp: 8050

Ion Ratio Lower Upper

50 100

52 37.9 23.6 43.8



#6

Bromomethane

Concen: 0.761 ug/L

RT: 1.63 min Scan# 167

Delta R.T. 0.02 min

Lab File: VU032325.D

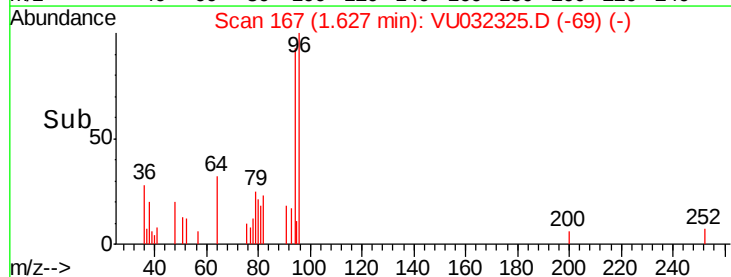
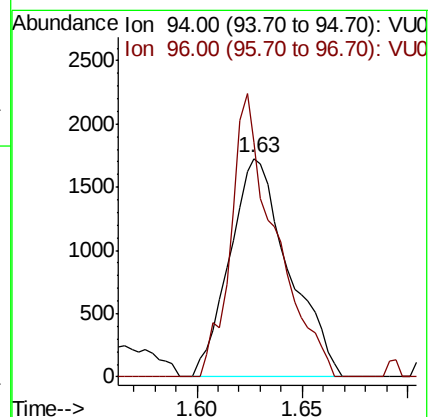
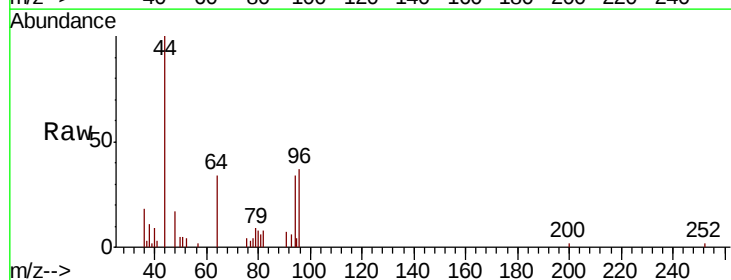
Acq: 28 May 2019 13:50

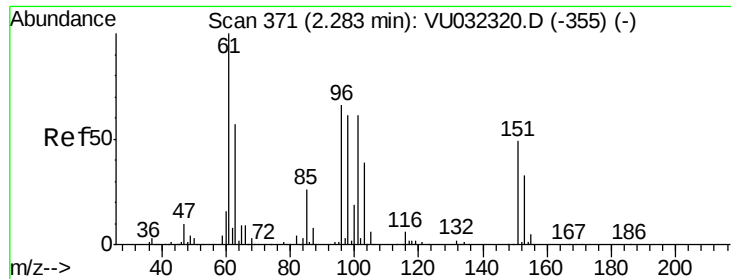
Tgt Ion: 94 Resp: 3363

Ion Ratio Lower Upper

94 100

96 107.5 64.5 119.9





#10

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

Concen: 0.781 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032325.D

Acq: 28 May 2019 13:50

Instrument :

MSVOA_U

ClientSampleId :

VBLK43

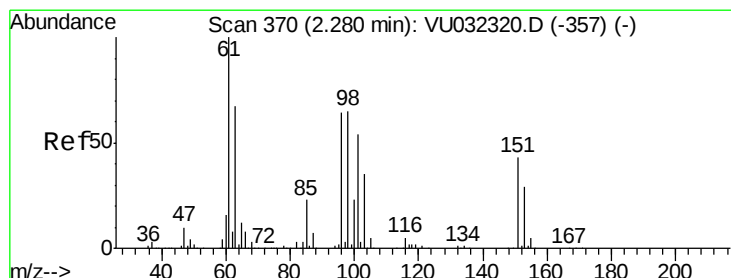
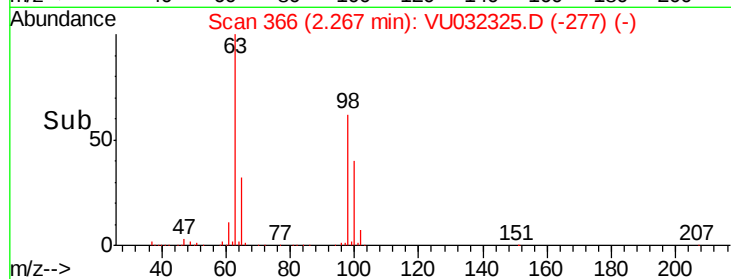
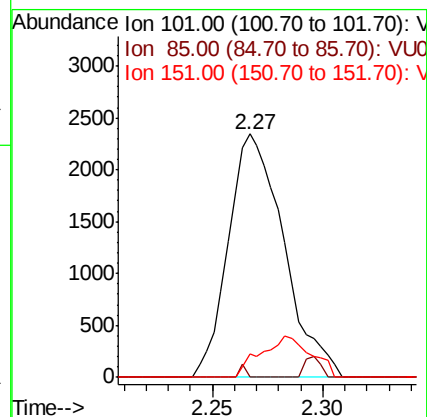
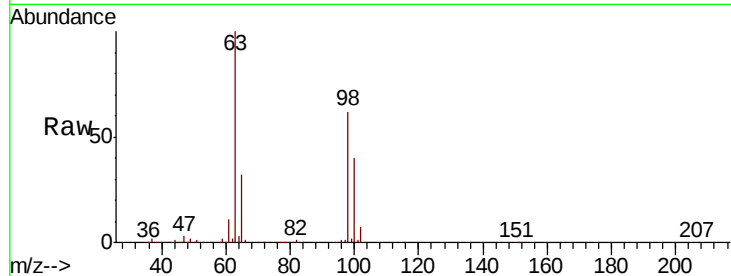
Tgt Ion: 101 Resp: 4086

Ion Ratio Lower Upper

101 100

85 2.4 33.4 50.0#

151 15.3 63.7 95.5#



#12

1,1-Dichloroethene

Concen: 0.696 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032325.D

Acq: 28 May 2019 13:50

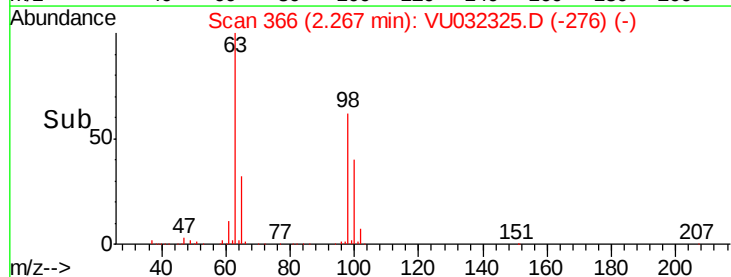
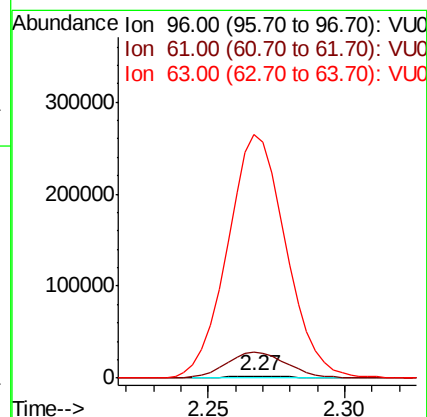
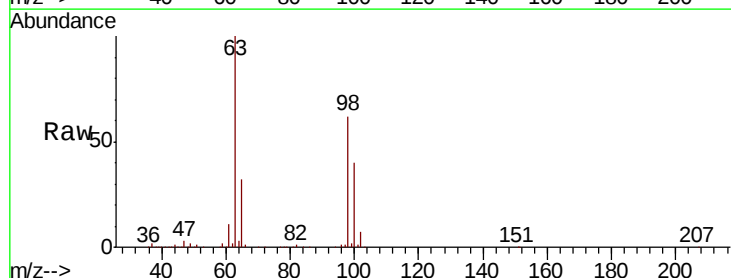
Tgt Ion: 96 Resp: 3716

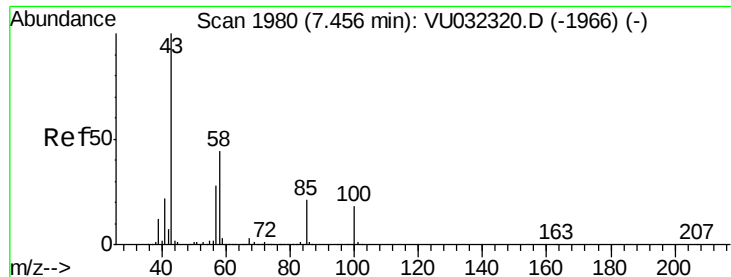
Ion Ratio Lower Upper

96 100

61 1184.8 109.8 203.8#

63 10923.9 74.4 138.2#

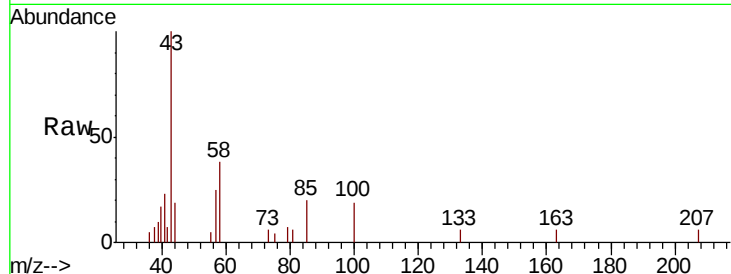




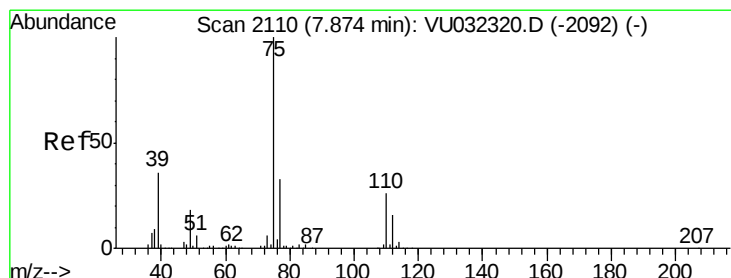
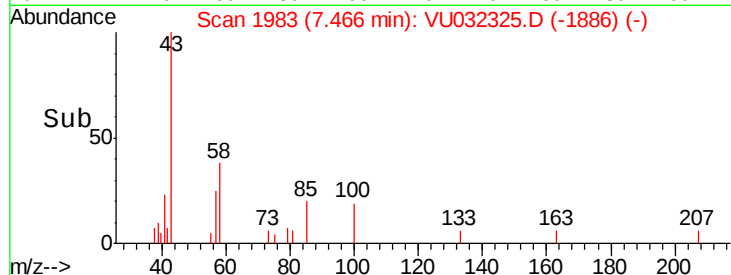
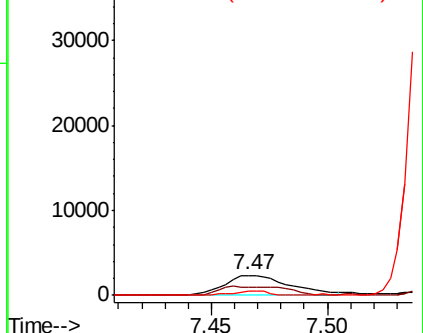
#40
 4-Methyl-2-pentanone
 Concen: 0.602 ug/L
 RT: 7.47 min Scan# 1983
 Delta R.T. 0.01 min
 Lab File: VU032325.D
 Acq: 28 May 2019 13:50

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK43

Tgt Ion: 43 Resp: 4638
 Ion Ratio Lower Upper
 43 100
 58 20.8 34.6 52.0#
 100 11.6 14.1 21.1#

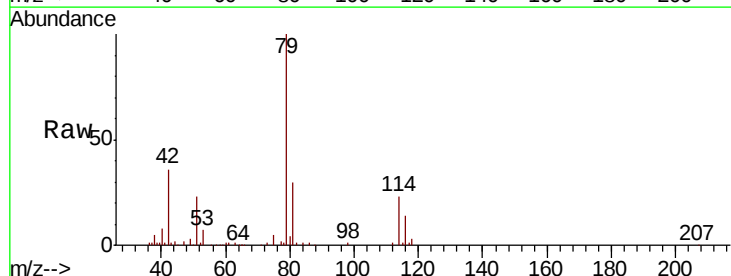


Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

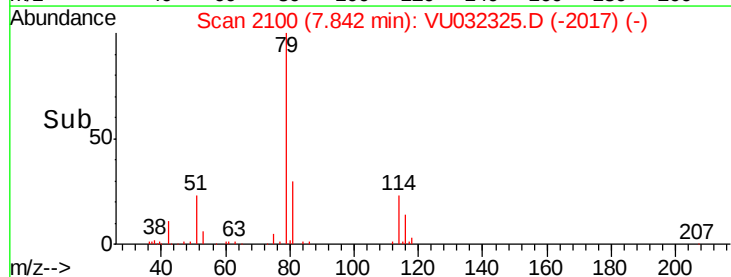
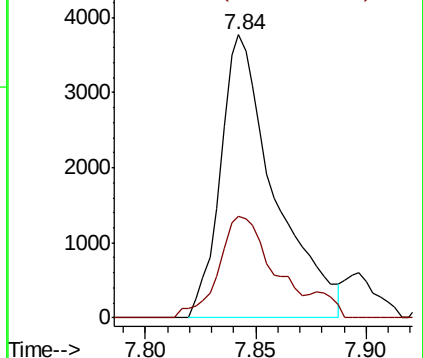


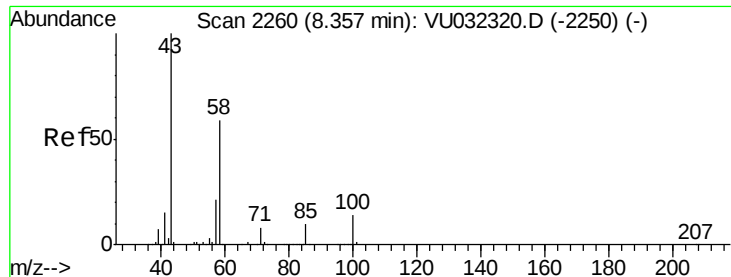
#44
 trans-1,3-Dichloropropene
 Concen: 0.837 ug/L
 RT: 7.84 min Scan# 2100
 Delta R.T. -0.03 min
 Lab File: VU032325.D
 Acq: 28 May 2019 13:50

Tgt Ion: 75 Resp: 6399
 Ion Ratio Lower Upper
 75 100
 77 36.1 23.0 42.6



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

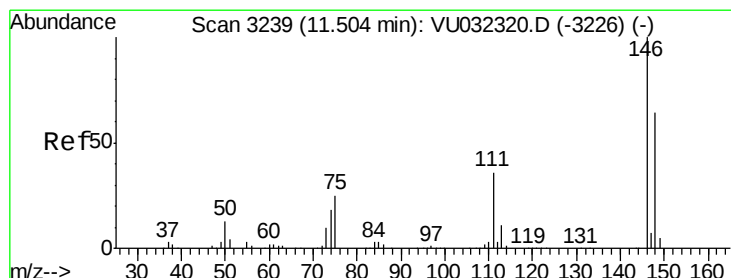
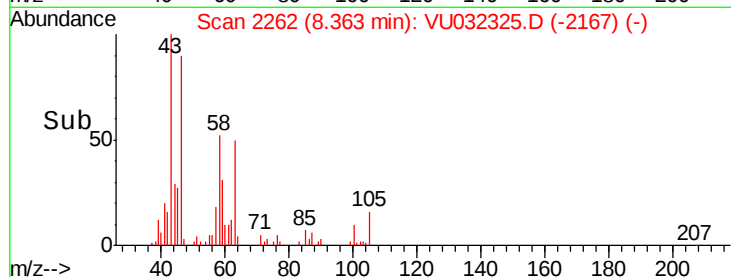
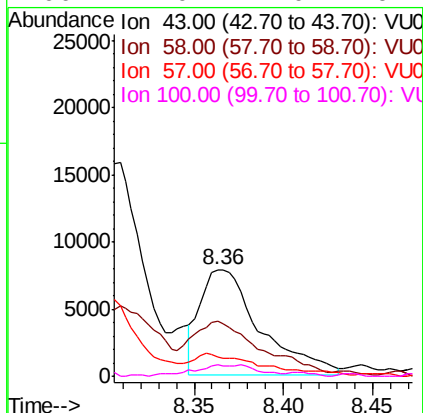
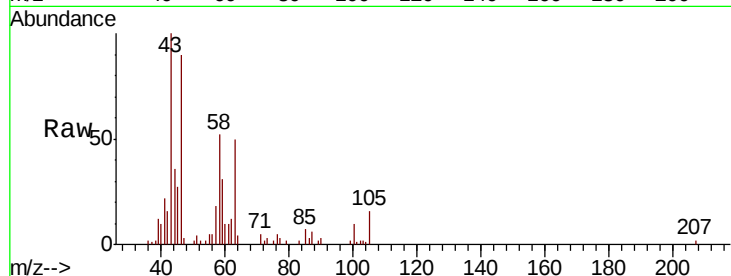




#48
 2-Hexanone
 Concen: 2.935 ug/L
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.01 min
 Lab File: VU032325.D
 Acq: 28 May 2019 13:50

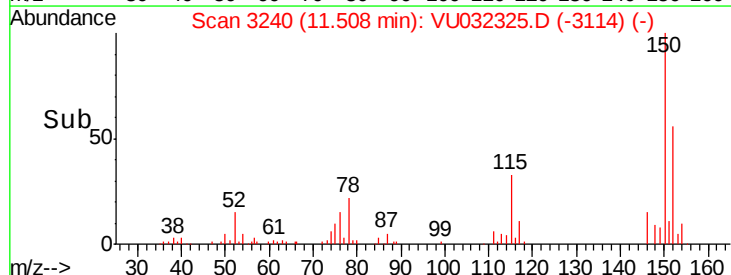
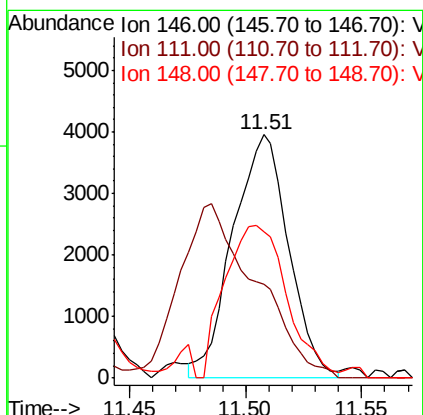
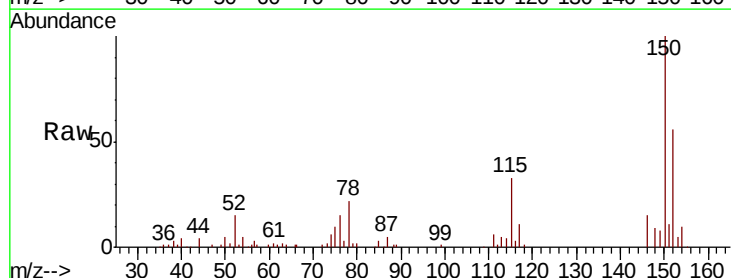
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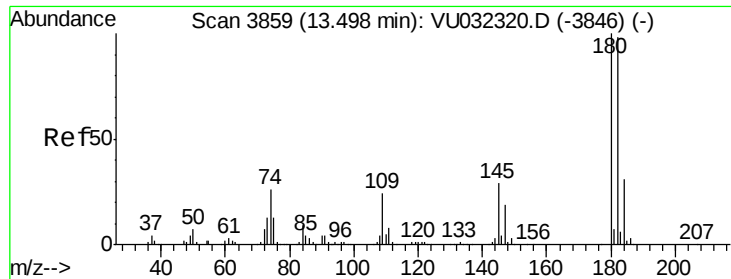
Tgt Ion:	43	Resp:	18452
Ion	Ratio	Lower	Upper
43	100		
58	61.3	48.6	73.0
57	3.6	17.0	25.4#
100	2.0	11.0	16.4#



#63
 1,4-Dichlorobenzene
 Concen: 0.594 ug/L
 RT: 11.51 min Scan# 3240
 Delta R.T. 0.01 min
 Lab File: VU032325.D
 Acq: 28 May 2019 13:50

Tgt Ion:	146	Resp:	6632
Ion	Ratio	Lower	Upper
146	100		
111	38.8	25.6	47.4
148	60.0	45.0	83.6

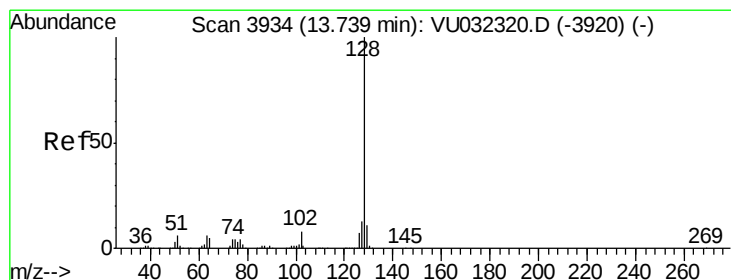
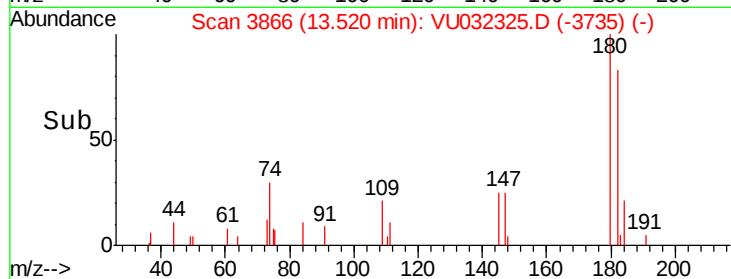
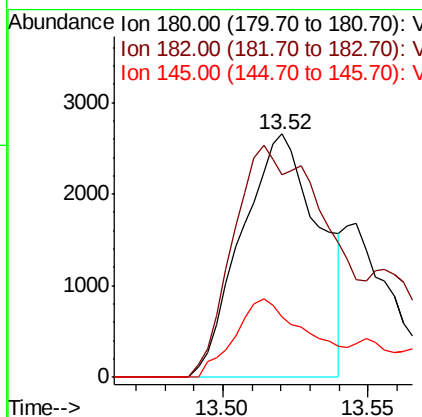
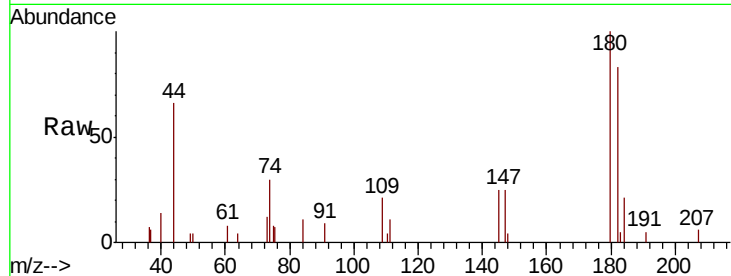




#68
 1,2,4-trichlorobenzene
 Concen: 0.794 ug/L
 RT: 13.52 min Scan# 3866
 Delta R.T. 0.02 min
 Lab File: VU032325.D
 Acq: 28 May 2019 13:50

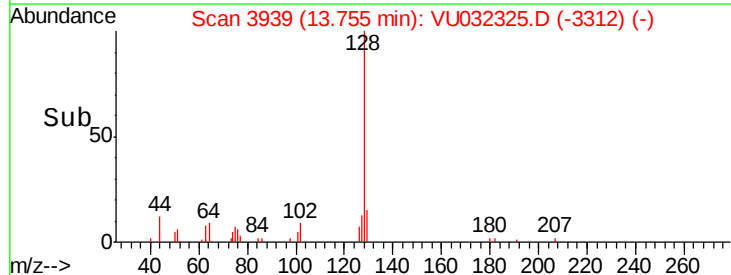
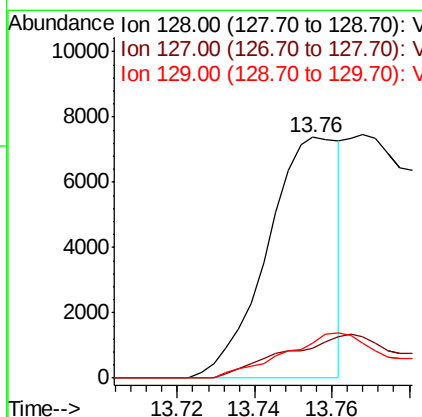
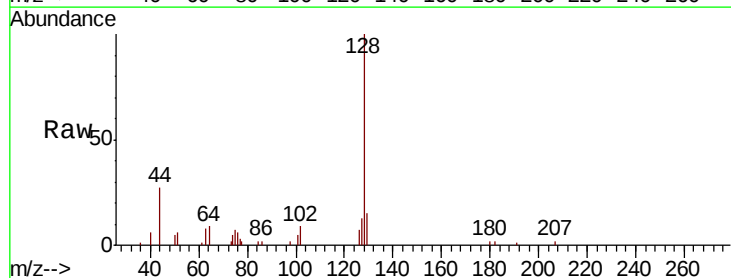
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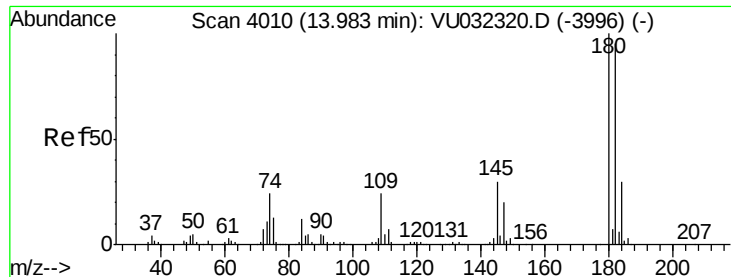
Tgt Ion:180 Resp: 4925
 Ion Ratio Lower Upper
 180 100
 182 60.8 78.2 117.4#
 145 31.2 23.0 34.4



#69
 Naphthalene
 Concen: 0.513 ug/L
 RT: 13.76 min Scan# 3939
 Delta R.T. 0.02 min
 Lab File: VU032325.D
 Acq: 28 May 2019 13:50

Tgt Ion:128 Resp: 9522
 Ion Ratio Lower Upper
 128 100
 127 26.8 10.1 15.1#
 129 24.1 8.7 13.1#





#70
 1,2,3-Trichlorobenzene
 Concen: 1.086 ug/L
 RT: 13.99 min Scan# 4013
 Delta R.T. 0.01 min
 Lab File: VU032325.D
 Acq: 28 May 2019 13:50

Instrument :
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 ClientSampleId :
 VBLK43

Tgt Ion:180 Resp: 7285
 Ion Ratio Lower Upper
 180 100
 182 105.5 77.7 116.5
 145 21.3 24.3 36.5#

