

Data File : VU030364.D
Acq On : 24 Mar 2019 12:40
Operator : JC/SP
Sample : K2070-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0974

Quant Time: Mar 25 03:24:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 25 03:20:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	396138	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	382940	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	150999	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	141475	44.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.76%
7) Chloroethane-d5	1.68	69	117761	46.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.27	63	202688	33.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.04%
21) 2-Butanone-d5	4.17	46	281452	93.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.91%
24) Chloroform-d	4.64	84	258153	47.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.31	65	172779	48.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.14%
32) Benzene-d6	5.34	84	529271	48.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.33	67	188926	50.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.56%
41) Toluene-d8	7.56	98	457799	46.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.84%
43) trans-1,3-Dichloropropene-	7.85	79	72222	40.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.76%
47) 2-Hexanone-d5	8.31	63	187748	92.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.21%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	248827	46.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	156260	51.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.30%

Target Compounds

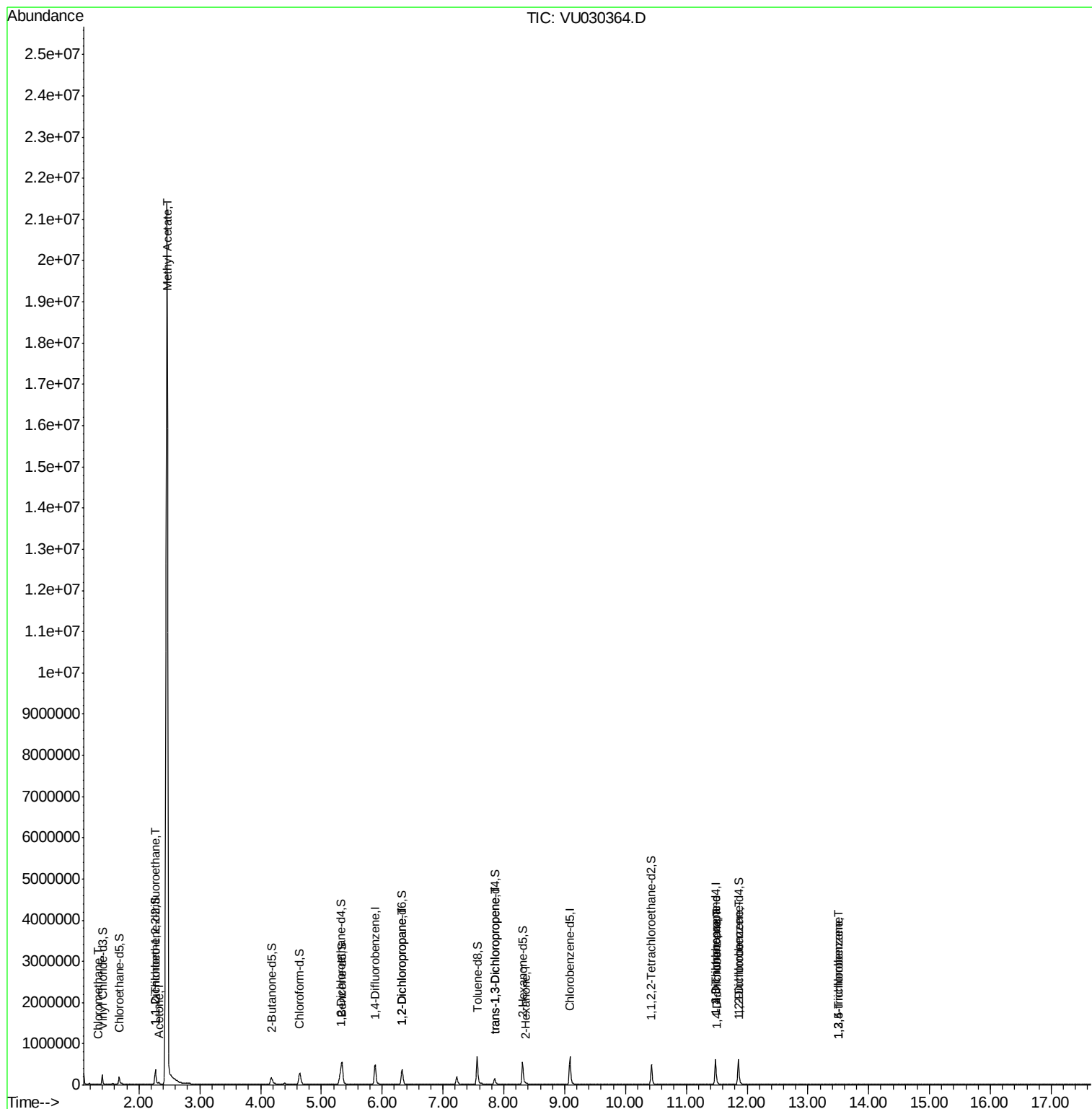
					Qvalue
3) Chloromethane	1.33	50	3188	0.652 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1620	0.560 ug/L #	21
13) Acetone	2.32	43	33336	10.999 ug/L	99
15) Methyl Acetate	2.47	43	5610051	1208.857 ug/L #	100
37) 1,2-Dichloropropane	6.33	63	19413	5.248 ug/L #	90
44) trans-1,3-Dichloropropene	7.85	75	3091	0.661 ug/L #	79
48) 2-Hexanone	8.37	43	4867	0.956 ug/L #	45
59) 1,2,3-Trichloropropane	11.48	75	21712	4.822 ug/L	95
63) 1,4-Dichlorobenzene	11.50	146	5149	1.013 ug/L	92
65) 1,2-Dichlorobenzene	11.87	146	8038	1.610 ug/L #	88
67) 1,3,5-Trichlorobenzene	13.52	180	2607	0.705 ug/L #	89
68) 1,2,4-trichlorobenzene	13.52	180	2607	0.812 ug/L #	89

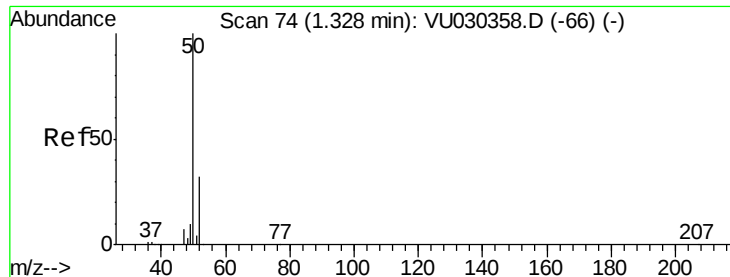
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.652 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU030364.D

Acq: 24 Mar 2019 12:40

Instrument :

MSVOA_U

ClientSampleId :

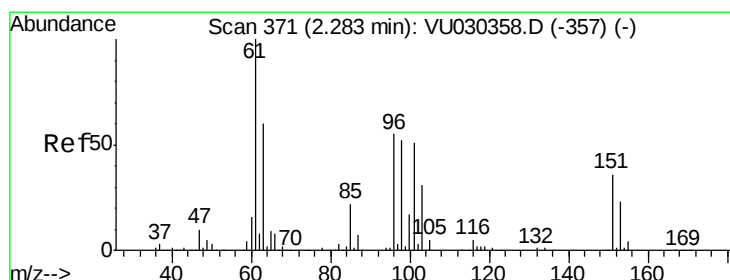
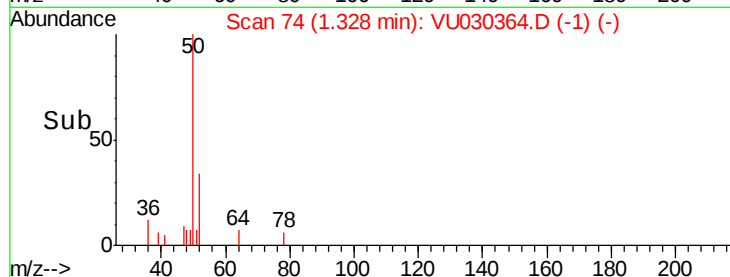
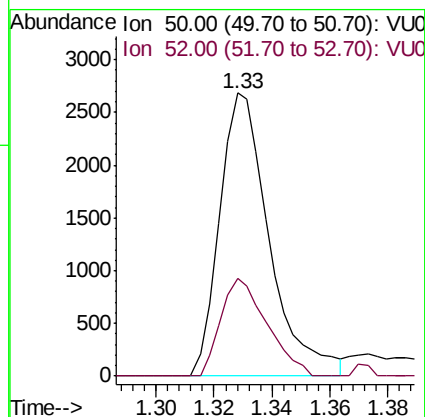
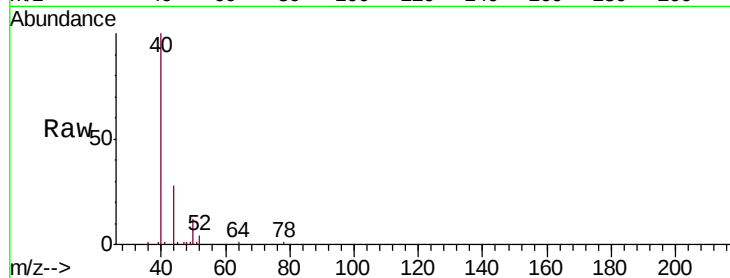
C0974

Tgt Ion: 50 Resp: 3188

Ion Ratio Lower Upper

50 100

52 34.4 23.0 42.6



#10

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

Concen: 0.560 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030364.D

Acq: 24 Mar 2019 12:40

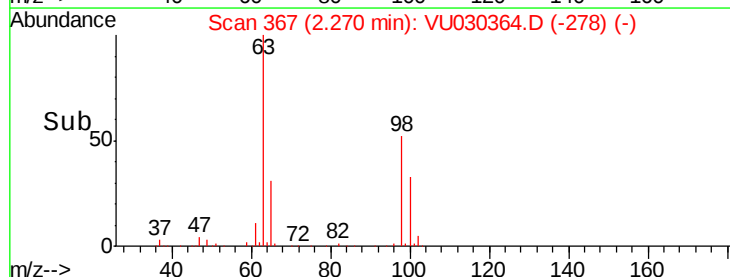
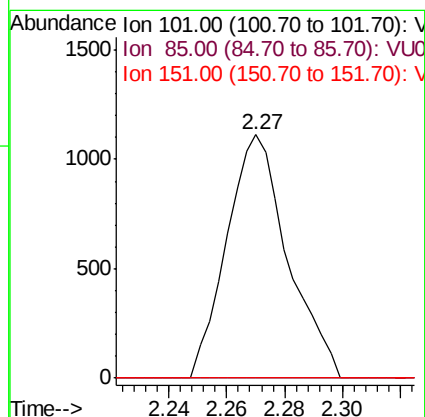
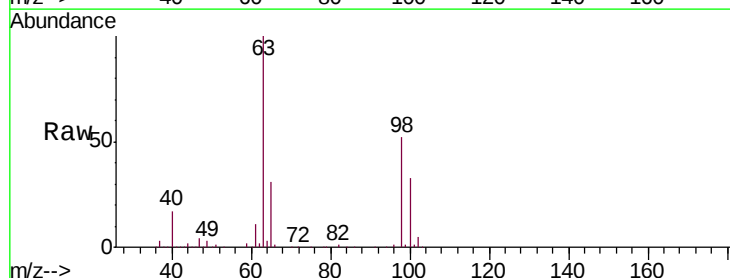
Tgt Ion: 101 Resp: 1620

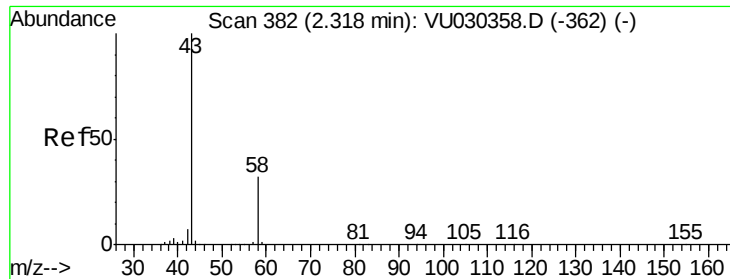
Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

151 0.0 56.6 85.0#





#13

Acetone

Concen: 10.999 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030364.D

Acq: 24 Mar 2019 12:40

Instrument :

MSVOA_U

ClientSampleId :

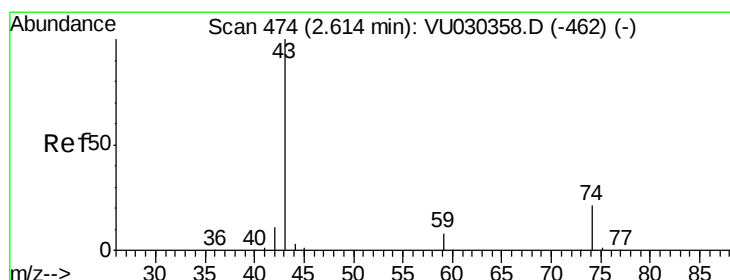
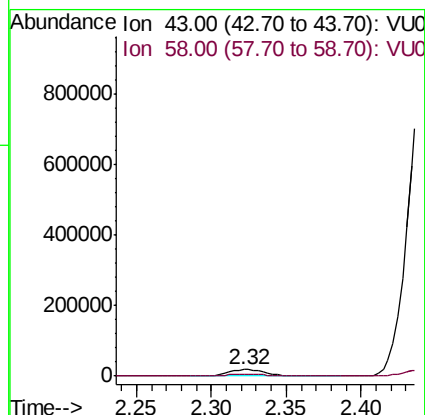
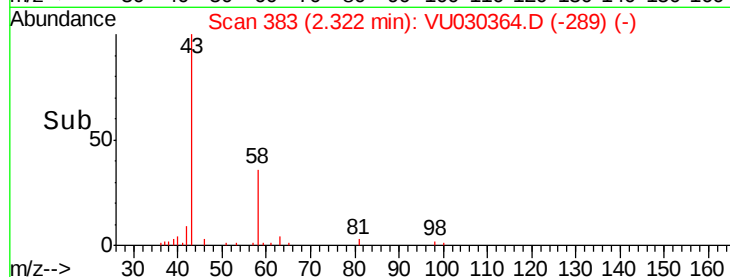
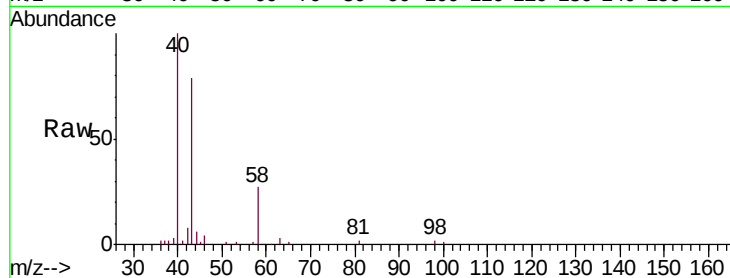
C0974

Tgt Ion: 43 Resp: 33336

Ion Ratio Lower Upper

43 100

58 32.2 0.0 62.8



#15

Methyl Acetate

Concen: 1208.857 ug/L

RT: 2.47 min Scan# 428

Delta R.T. -0.15 min

Lab File: VU030364.D

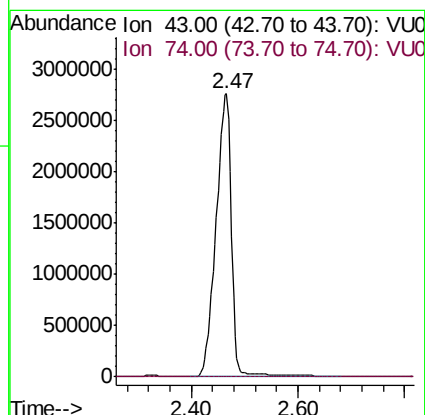
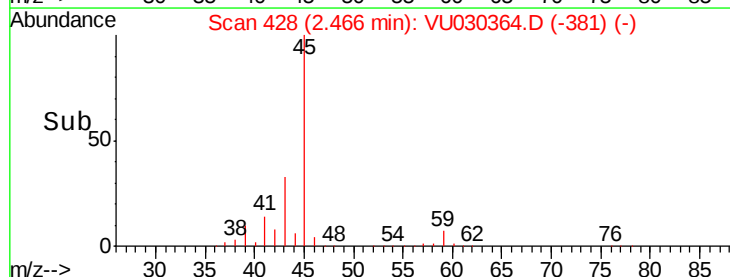
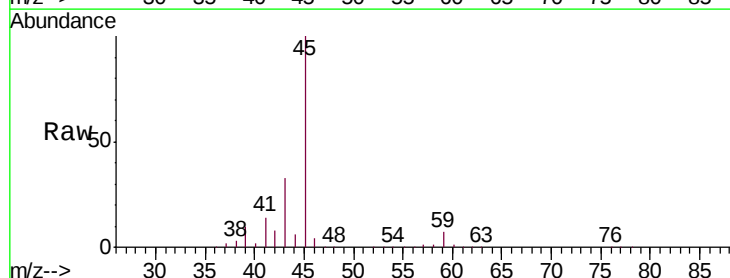
Acq: 24 Mar 2019 12:40

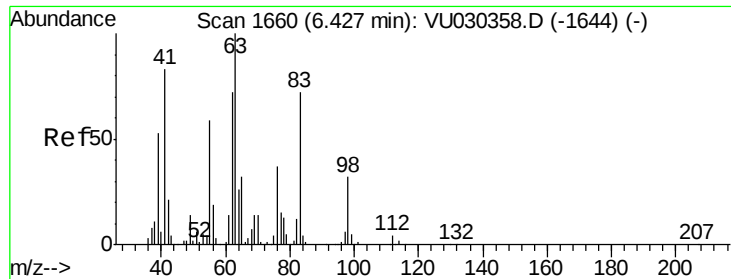
Tgt Ion: 43 Resp: 5610051

Ion Ratio Lower Upper

43 100

74 0.0 0.0 0.0#

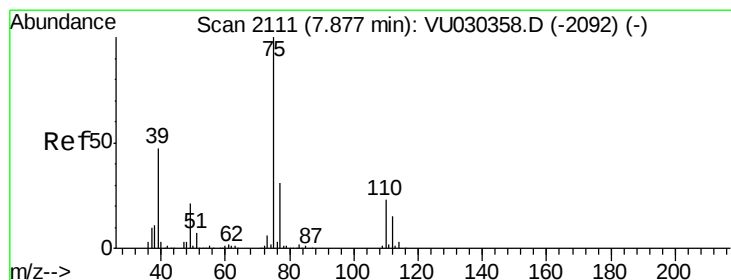
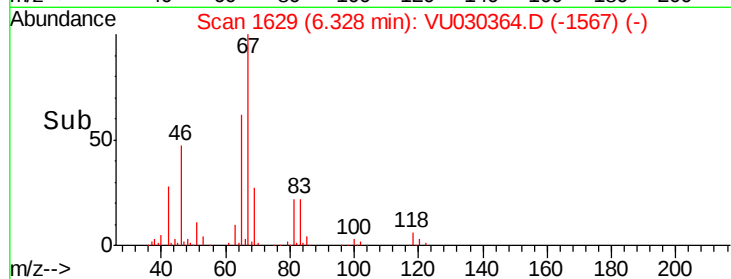
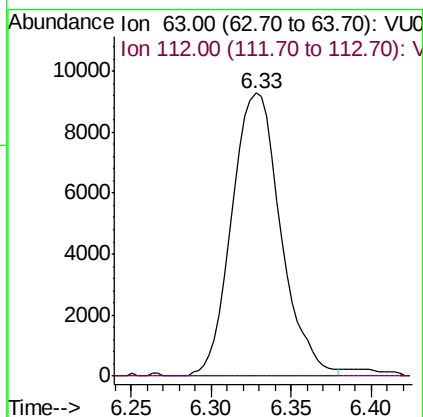
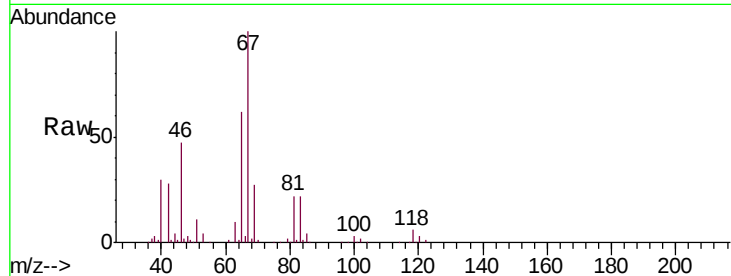




#37
 1,2-Dichloropropane
 Concen: 5.248 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU030364.D
 Acq: 24 Mar 2019 12:40

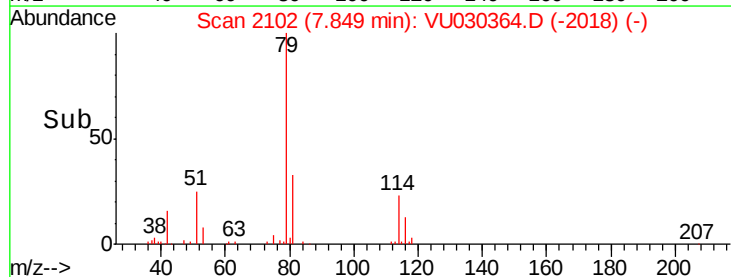
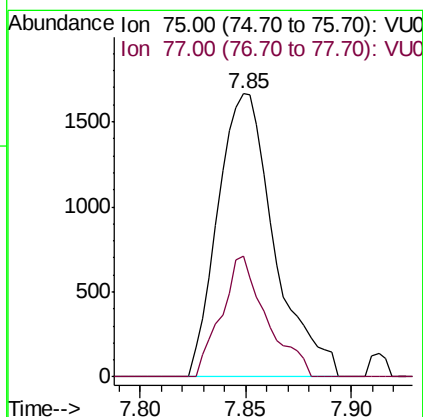
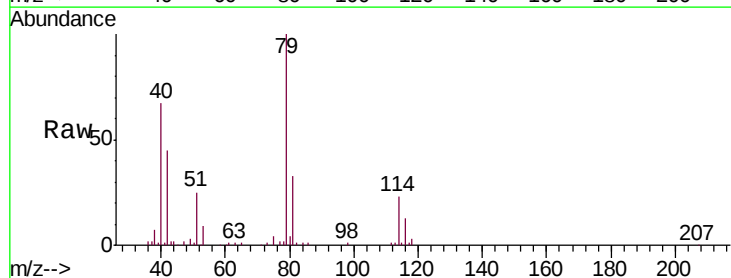
Instrument :
 MSVOA_U
 ClientSampled :
 C0974

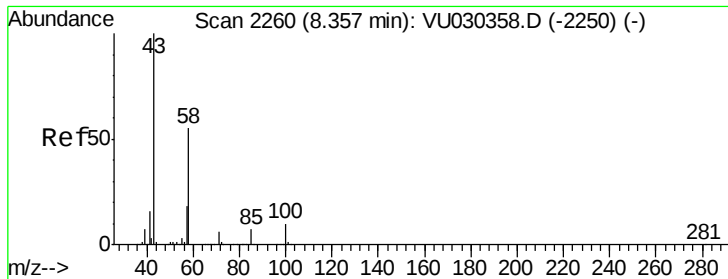
Tgt Ion: 63 Resp: 19413
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.6 4.0#



#44
 trans-1,3-Dichloropropene
 Concen: 0.661 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU030364.D
 Acq: 24 Mar 2019 12:40

Tgt Ion: 75 Resp: 3091
 Ion Ratio Lower Upper
 75 100
 77 42.8 22.0 40.8#

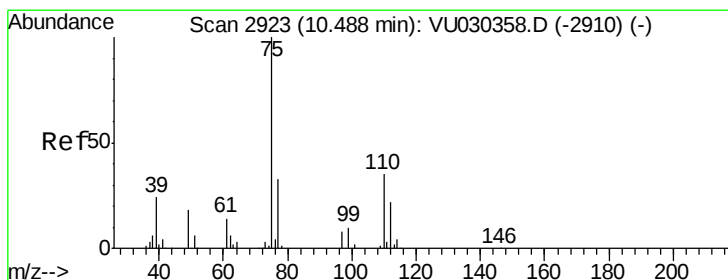
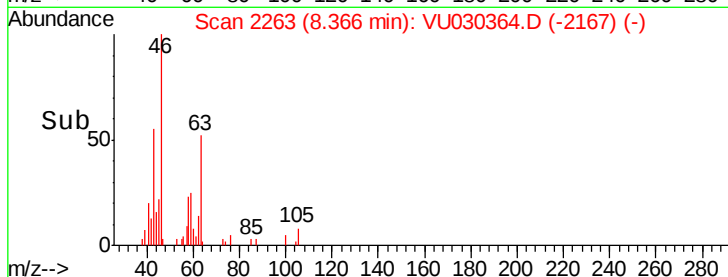
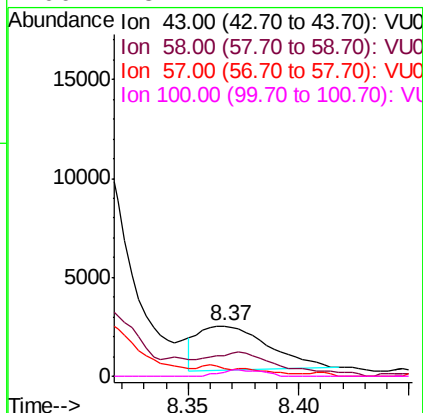
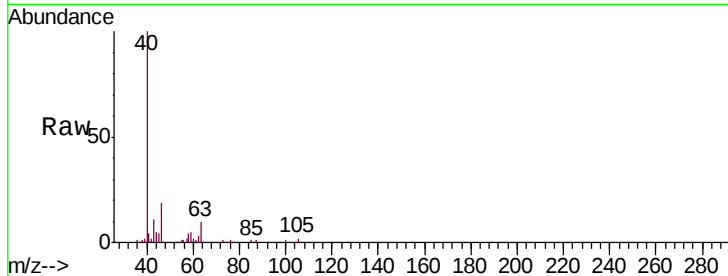




#48
 2-Hexanone
 Concen: 0.956 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.01 min
 Lab File: VU030364.D
 Acq: 24 Mar 2019 12:40

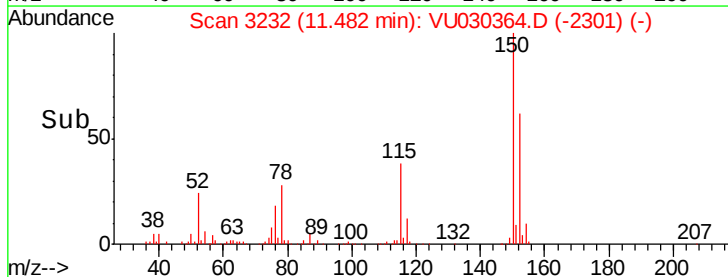
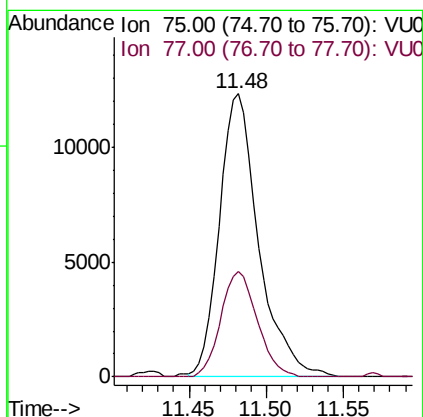
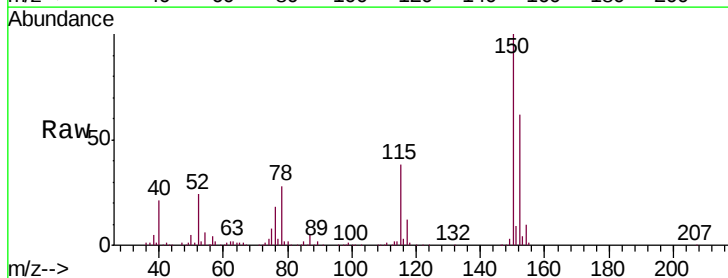
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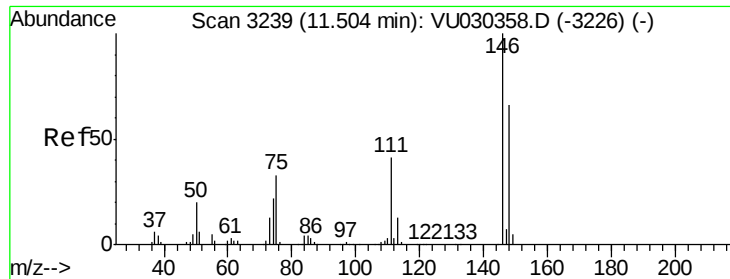
Tgt Ion:	43	Resp:	4867
Ion	Ratio	Lower	Upper
43	100		
58	0.0	42.5	63.7#
57	9.7	15.0	22.6#
100	5.2	7.4	11.2#



#59
 1,2,3-Trichloropropane
 Concen: 4.822 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU030364.D
 Acq: 24 Mar 2019 12:40

Tgt Ion:	75	Resp:	21712
Ion	Ratio	Lower	Upper
75	100		
77	34.5	25.4	38.2

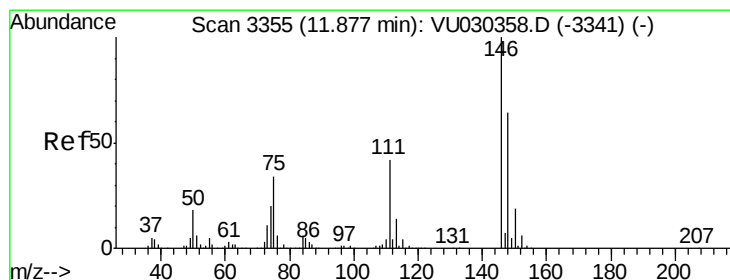
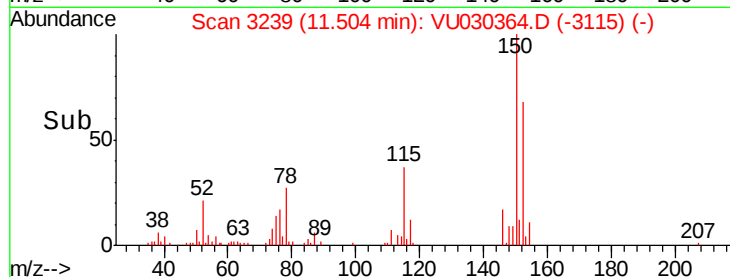
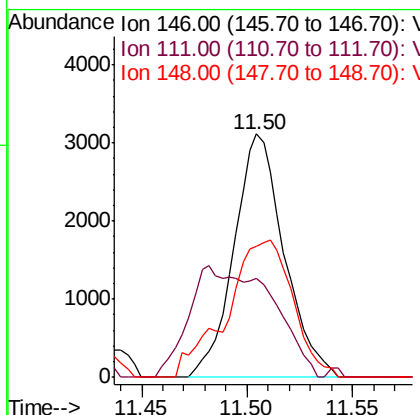
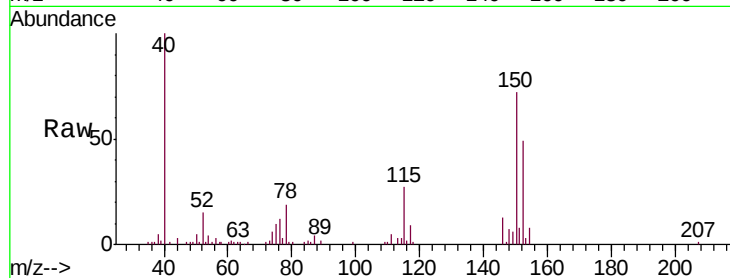




#63
 1,4-Dichlorobenzene
 Concen: 1.013 ug/L
 RT: 11.50 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: VU030364.D
 Acq: 24 Mar 2019 12:40

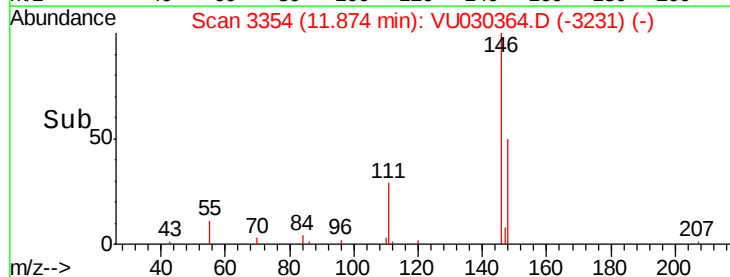
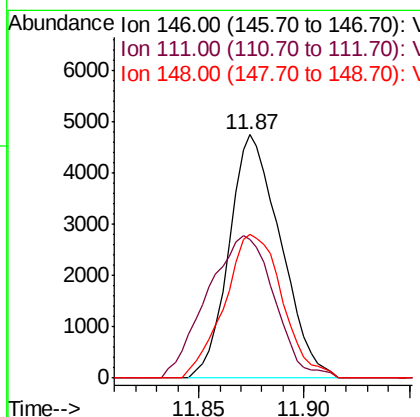
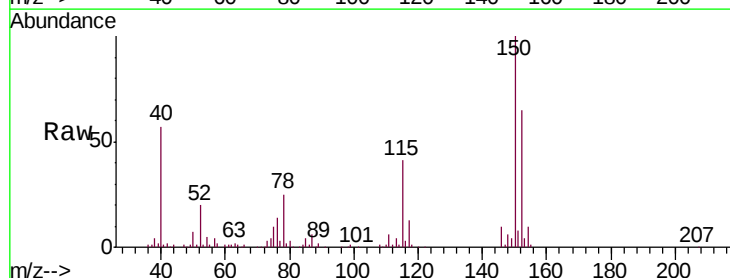
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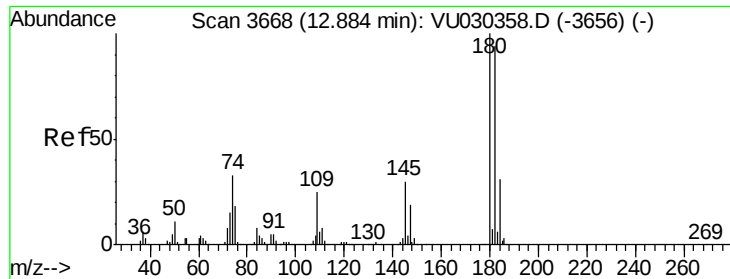
Tgt Ion:146 Resp: 5149
 Ion Ratio Lower Upper
 146 100
 111 40.7 28.7 53.3
 148 53.8 44.3 82.3



#65
 1,2-Dichlorobenzene
 Concen: 1.610 ug/L
 RT: 11.87 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VU030364.D
 Acq: 24 Mar 2019 12:40

Tgt Ion:146 Resp: 8038
 Ion Ratio Lower Upper
 146 100
 111 57.0 34.9 52.3#
 148 58.8 51.2 76.8

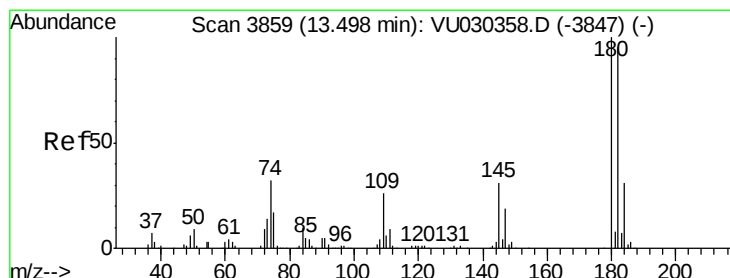
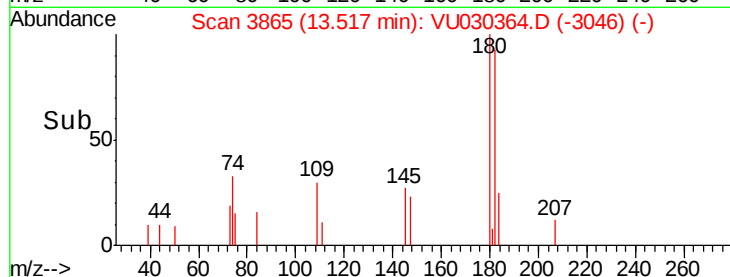
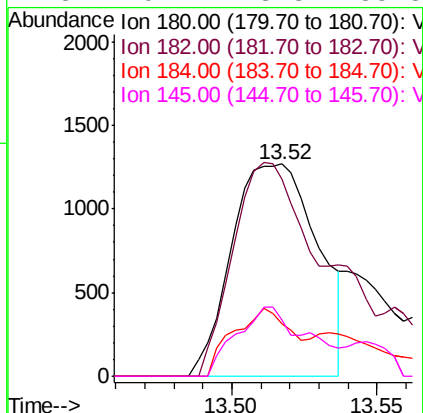
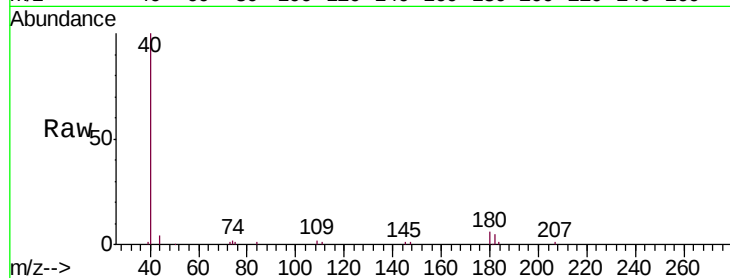




#67
 1,3,5-Trichlorobenzene
 Concen: 0.705 ug/L
 RT: 13.52 min Scan# 3865
 Delta R.T. 0.63 min
 Lab File: VU030364.D
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Tgt Ion:180 Resp: 2607
 Ion Ratio Lower Upper
 180 100
 182 87.9 75.9 113.9
 184 21.5 24.1 36.1#
 145 19.1 23.8 35.8#



#68
 1,2,4-trichlorobenzene
 Concen: 0.812 ug/L
 RT: 13.52 min Scan# 3865
 Delta R.T. 0.02 min
 Lab File: VU030364.D
 Acq: 24 Mar 2019 12:40

Tgt Ion:180 Resp: 2607
 Ion Ratio Lower Upper
 180 100
 182 87.9 76.1 114.1
 145 19.1 24.5 36.7#

