

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U030819\
 Data File : VU029848.D
 Acq On : 07 Mar 2019 11:43
 Operator : JC/SP
 Sample : MDL05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

Manual Integrations
 APPROVED

MMDadoda
 3/11/2019 6:48:28 PM

Quant Time: Mar 08 22:26:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U030719DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Mar 08 00:30:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.74	96	57991	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	17820	0.85	ug/l	0.00
Spiked Amount 1.000			Recovery	=	85.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	20546	0.85	ug/l	0.00
Spiked Amount 1.000			Recovery	=	85.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.20	85	4748	0.245	ug/l	92
3) Chloromethane	1.33	50	4870	0.282	ug/l	98
4) Vinyl Chloride	1.40	62	4906	0.252	ug/l #	87
5) Bromomethane	1.63	94	3974	0.299	ug/l	95
6) Chloroethane	1.70	64	3193	0.274	ug/l	95
7) Trichlorofluoromethane	1.88	101	6615	0.250	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	3766	0.244	ug/l	96
9) 1,1-Dichloroethene	2.28	96	4127	0.274	ug/l	85
10) Iodomethane	2.41	142	2936	0.746	ug/l	92
11) Allyl Chloride	2.59	41	5496	0.259	ug/l	100
12) Acrylonitrile	2.94	53	2059	0.626	ug/l #	84
13) Acetone	2.32	43	4214	1.547	ug/l	94
14) Carbon Disulfide	2.47	76	12433	0.255	ug/l	97
15) Methylene Chloride	2.70	84	6607	0.365	ug/l	97
16) trans-1,2-Dichloroethene	2.98	96	4067	0.239	ug/l	93
17) 1,1-Dichloroethane	3.44	63	7135	0.250	ug/l	94
18) 2-Butanone	4.30	43	3642	0.984	ug/l	94
19) Cyclohexane	4.98	56	4923m	0.222	ug/l	
20) Methylcyclohexane	6.41	83	5718	0.222	ug/l	97
21) 2,2-Dichloropropane	4.22	77	6021	0.258	ug/l #	72
22) cis-1,2-Dichloroethene	4.23	96	4480	0.248	ug/l	86
23) Diethyl Ether	2.10	59	2626	0.232	ug/l #	71
24) tert-Butyl Alcohol	2.83	59	3680	3.155	ug/l #	80
25) Methyl tert-Butyl Ether	3.00	73	9777	0.257	ug/l	98
26) Bromochloromethane	4.54	128	1744	0.218	ug/l	89
27) Chloroform	4.67	83	6658	0.231	ug/l	91
28) 1,1,1-Trichloroethane	4.91	97	5821	0.238	ug/l	93
29) 1,1-Dichloropropene	5.13	75	4957	0.228	ug/l	95
30) Carbon Tetrachloride	5.12	117	5177	0.242	ug/l	91
31) Isopropyl Ether	3.58	45	9795	0.249	ug/l	88
32) Ethyl-t-butyl ether	4.07	59	9572	0.250	ug/l	92
33) Tert-Amyl methyl ether	5.58	73	8319m	0.235	ug/l	
34) Propionitrile	4.34	54	904m	0.821	ug/l	
35) Benzene	5.39	78	16183	0.253	ug/l #	88
36) 1,2-Dichloroethane	5.41	62	4410	0.252	ug/l	96
37) Trichloroethene	6.18	130	4620	0.247	ug/l	99
38) 1,2-Dichloropropane	6.43	63	4044	0.249	ug/l #	85
39) Methacrylonitrile	4.56	41	1114m	0.240	ug/l	
41) Tetrahydrofuran	4.66	42	1096m	0.452	ug/l	
42) 1-Chlorobutane	5.06	56	6567	0.236	ug/l	90
43) Dibromomethane	6.56	93	1794	0.213	ug/l	92

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 3/11/2019 6:48:28 PM

Quant Time: Mar 08 22:26:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U030719DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Mar 08 00:30:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Bromodichloromethane	6.76	83	4758	0.230	ug/l #	95
45) 4-Methyl-2-Pentanone	7.47	43	9024	1.029	ug/l	97
46) t-1,4-Dichloro-2-butene	10.51	75	1439m	0.393	ug/l	
47) Methyl methacrylate	6.63	69	3034	0.421	ug/l	97
49) Toluene	7.64	92	8521	0.217	ug/l	94
51) cis-1,3-Dichloropropene	7.28	75	5058	0.226	ug/l	96
52) 1,1,2-Trichloroethane	8.07	97	3056	0.246	ug/l	92
53) 1,3-Dichloropropane	8.24	76	4716	0.231	ug/l	99
54) 2-Hexanone	8.37	43	6693	1.099	ug/l	87
55) Dibromochloromethane	8.48	129	3405	0.231	ug/l	96
56) 1,2-Dibromoethane	8.59	107	2788	0.236	ug/l	83
58) Tetrachloroethene	8.22	164	4697	0.246	ug/l	98
59) Chlorobenzene	9.12	112	10940	0.242	ug/l	94
60) 1,1,1,2-Tetrachloroethane	9.21	131	3768	0.232	ug/l	96
61) Pentachloroethane	11.10	117	2656	0.235	ug/l	93
62) Hexachloroethane	12.14	117	2401	0.202	ug/l	89
63) Ethyl Benzene	9.25	91	15707	0.212	ug/l	97
64) m/p-Xylenes	9.37	106	11540	0.394	ug/l	92
65) o-Xylene	9.78	106	5857	0.208	ug/l	98
67) Bromoform	9.96	173	1752	0.202	ug/l #	88
69) Isopropylbenzene	10.16	105	15367	0.206	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.46	83	3469	0.229	ug/l #	91
71) 1,2,3-Trichloropropane	10.49	75	2599m	0.230	ug/l	
72) Bromobenzene	10.45	156	4463	0.226	ug/l	98
74) 2-Chlorotoluene	10.66	126	3844	0.207	ug/l	95
79) sec-Butylbenzene	11.32	105	16780	0.204	ug/l	92
82) 1,3-Dichlorobenzene	11.42	146	8369	0.214	ug/l	98
83) 1,4-Dichlorobenzene	11.51	146	7750	0.203	ug/l	90
85) 1,2-Dichlorobenzene	11.88	146	8359	0.227	ug/l	98
88) Hexachlorobutadiene	13.69	225	3159	0.212	ug/l	97
89) Naphthalene	13.76	128	3519	0.532	ug/l	99

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

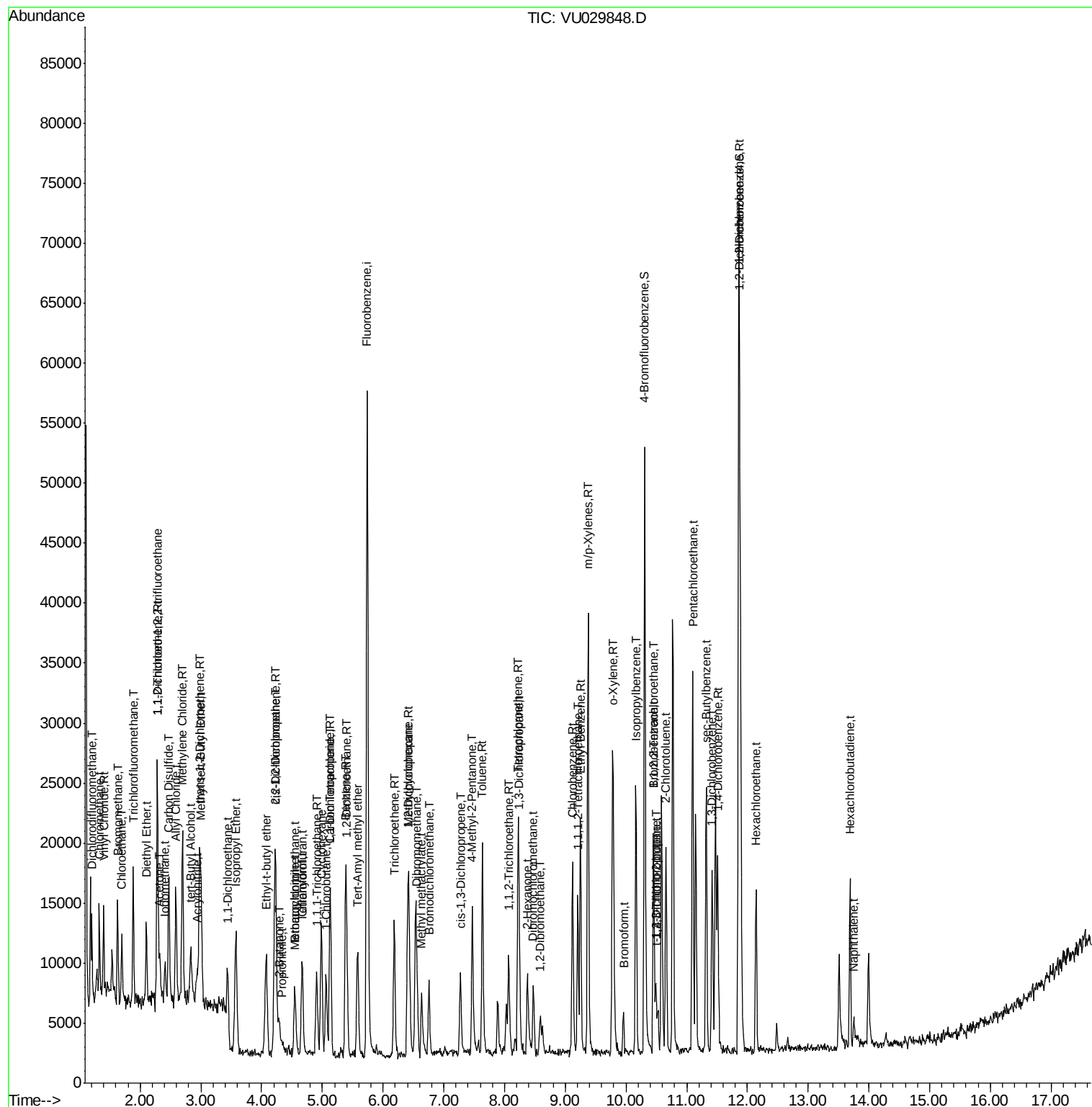
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU030819\
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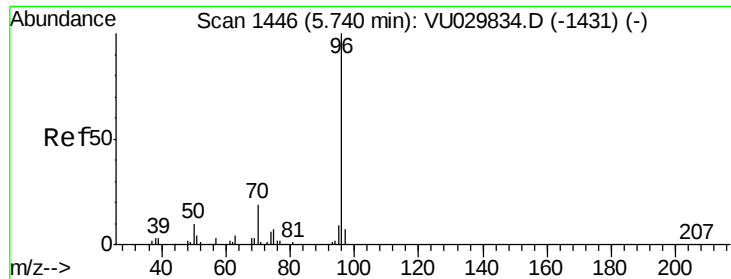
Instrument :
MSVOA_U
ClientSampled :
MDL05

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1446

Delta R.T. -0.00 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

Instrument :

MSVOA_U

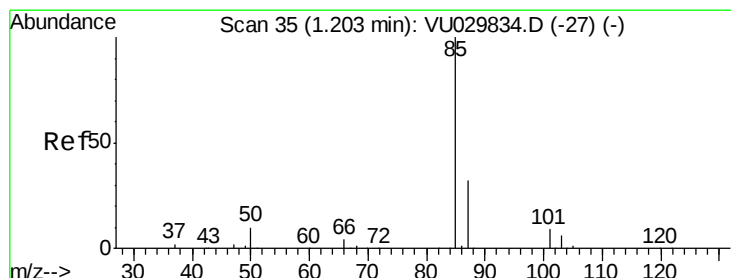
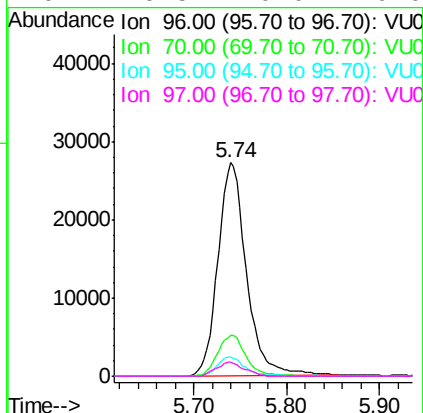
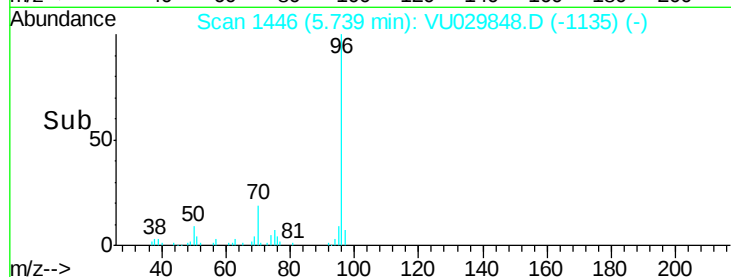
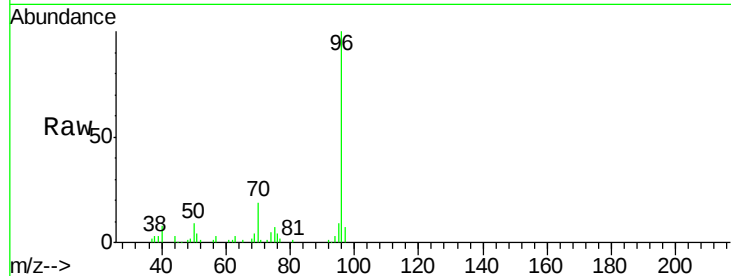
ClientSampleId :

MDL05

Tot Ion:	96	Resp:	57991
Ion Ratio	Lower	Upper	
96	100		
70	19.2	14.4	21.6
95	8.7	7.0	10.6
97	6.5	0.0	0.0#

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 0.245 ug/l

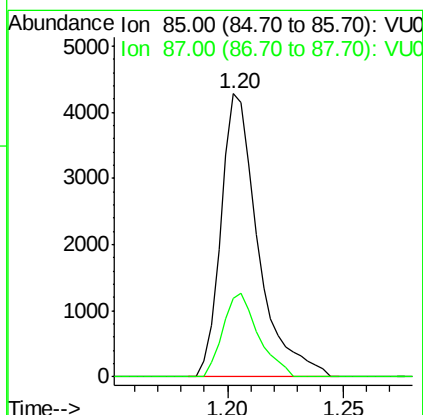
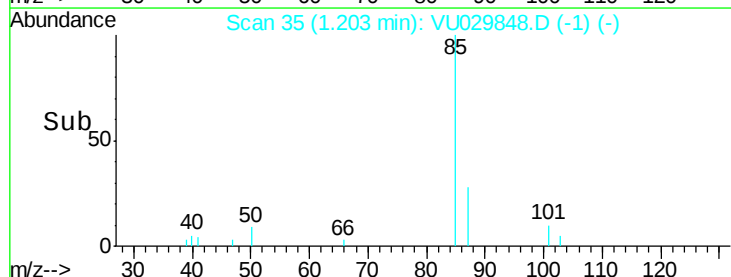
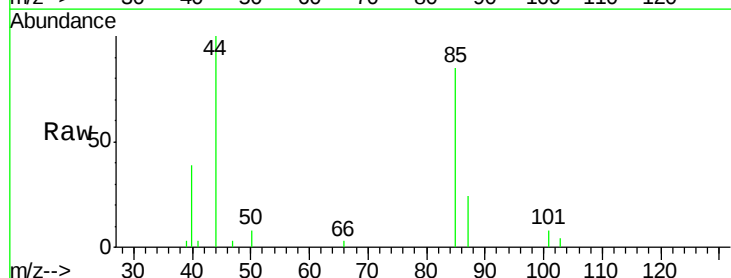
RT: 1.20 min Scan# 35

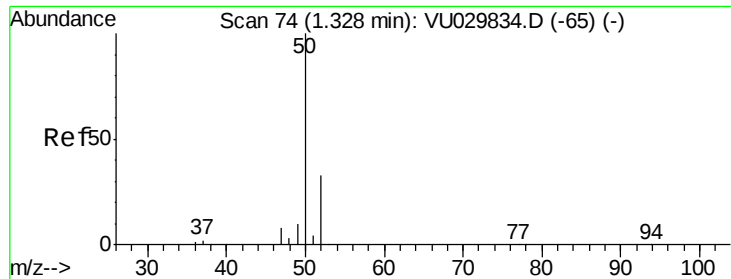
Delta R.T. -0.00 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

Tgt Ion:	85	Resp:	4748
Ion Ratio	Lower	Upper	
85	100		
87	27.9	16.2	48.6





#3

Chloromethane

Concen: 0.282 ug/l

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

Instrument :

MSVOA_U

ClientSampled :

MDL05

Tot Ion: 50 Resp: 4870

Ion Ratio Lower Upper

50 100

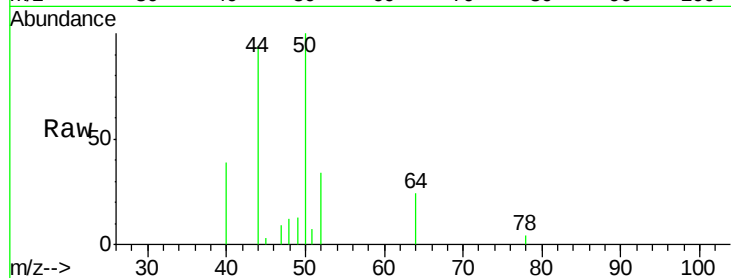
52 34.2 26.5 39.7

Manual Integrations

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Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

1.33

4000

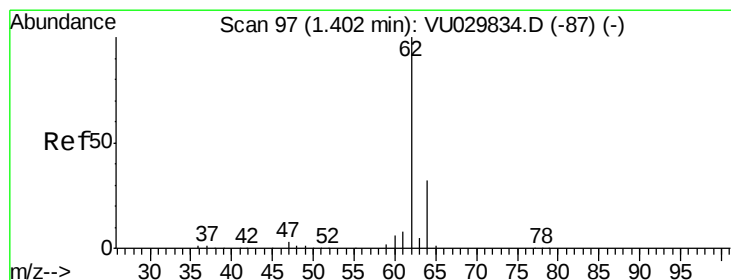
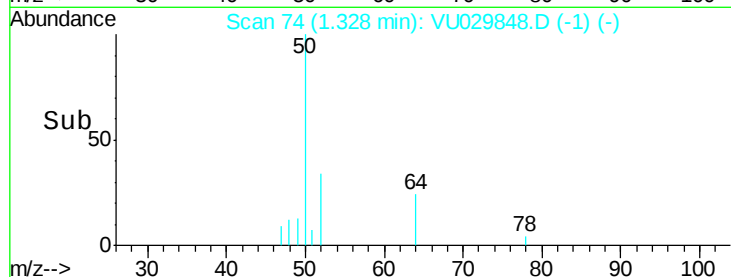
3000

2000

1000

0

Time--> 1.28 1.30 1.32 1.34 1.36



#4

Vinyl Chloride

Concen: 0.252 ug/l

RT: 1.40 min Scan# 97

Delta R.T. -0.00 min

Lab File: VU029848.D

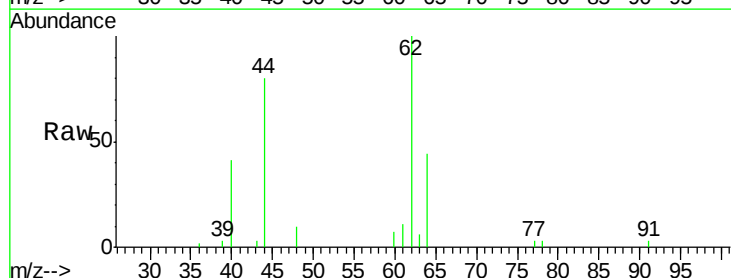
Acq: 07 Mar 2019 11:43

Tgt Ion: 62 Resp: 4906

Ion Ratio Lower Upper

62 100

64 24.9 25.7 38.5#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0

1.40

5000

4000

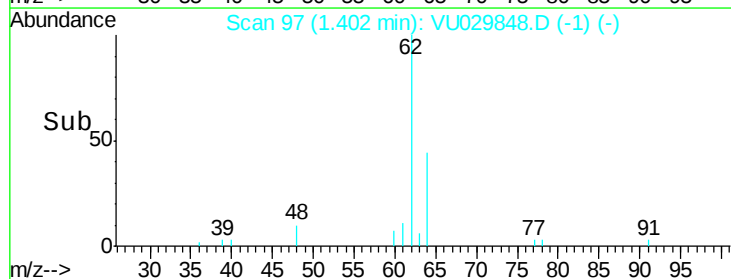
3000

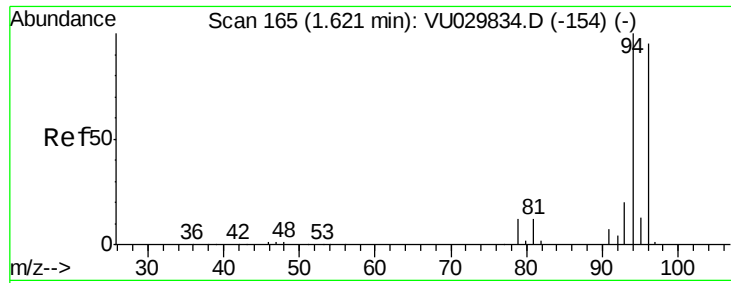
2000

1000

0

Time--> 1.35 1.40 1.45





#5

Bromomethane

Concen: 0.299 ug/l

RT: 1.63 min Scan# 168

Delta R.T. 0.01 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tot Ion: 94 Resp: 3974

Ion Ratio Lower Upper

94 100

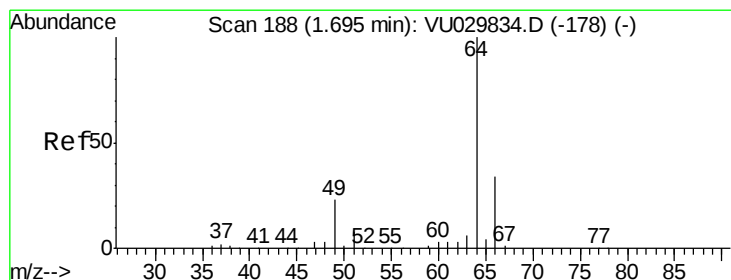
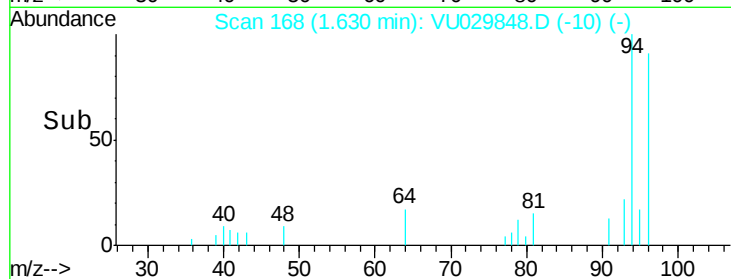
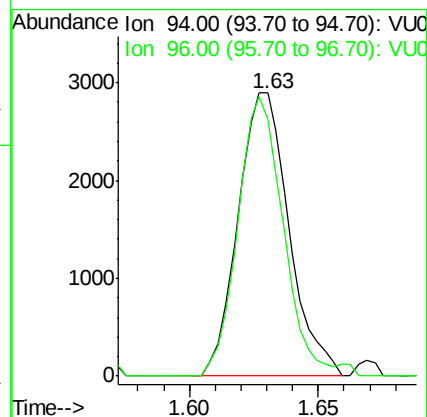
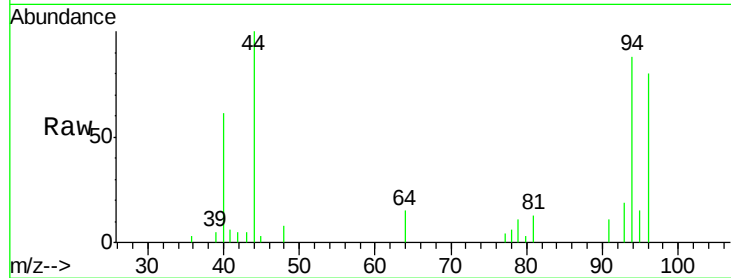
96 90.7 76.4 114.6

Manual Integrations

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#6

Chloroethane

Concen: 0.274 ug/l

RT: 1.70 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU029848.D

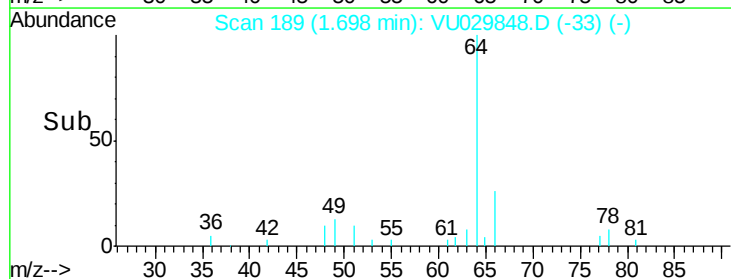
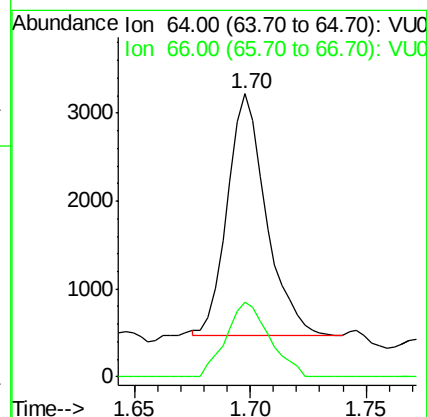
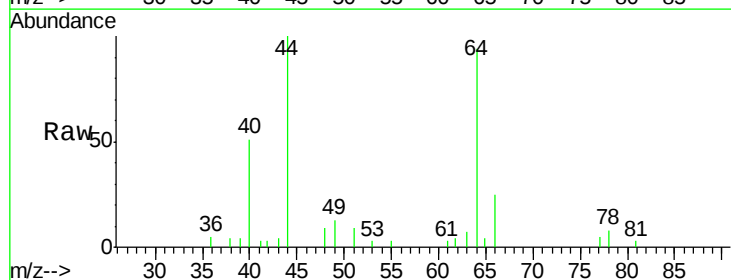
Acq: 07 Mar 2019 11:43

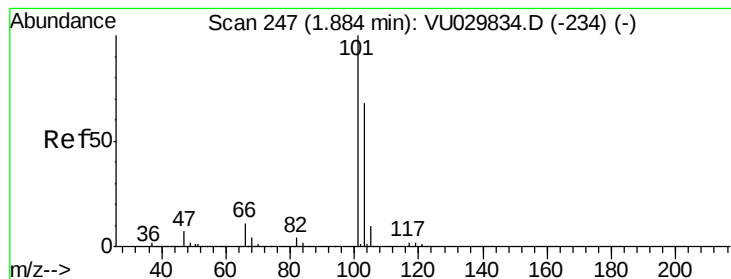
Tgt Ion: 64 Resp: 3193

Ion Ratio Lower Upper

64 100

66 31.0 27.3 40.9





#7

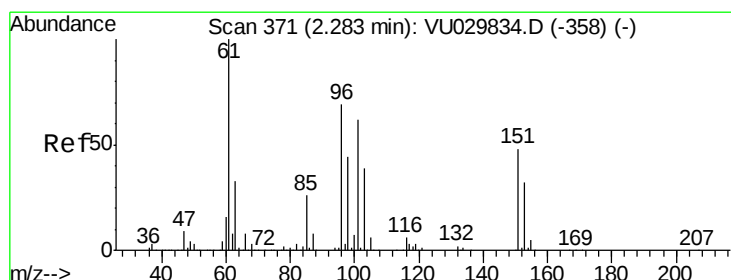
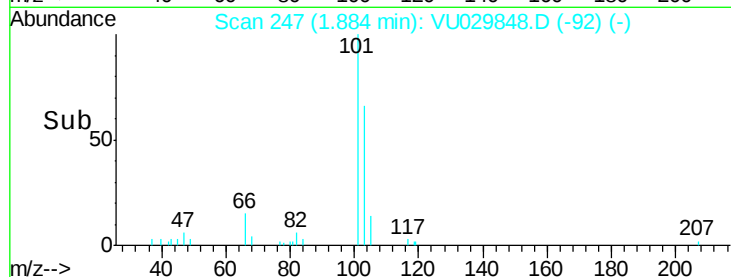
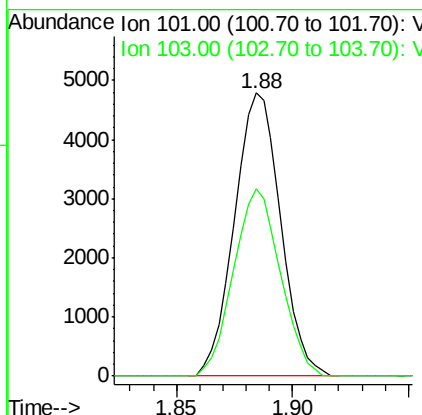
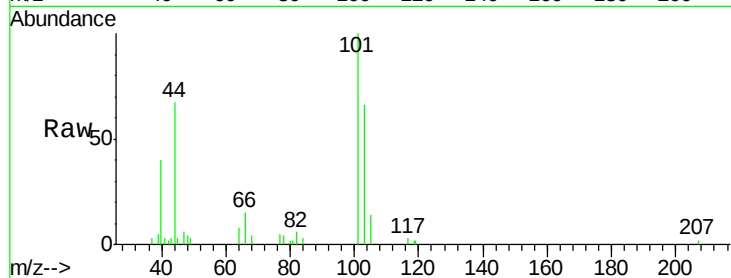
Trichlorofluoromethane
Concen: 0.250 ug/l
RT: 1.88 min Scan# 247
Delta R.T. -0.00 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

Instrument :
MSVOA_U
ClientSampled :
MDL05

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.0	54.2	81.2

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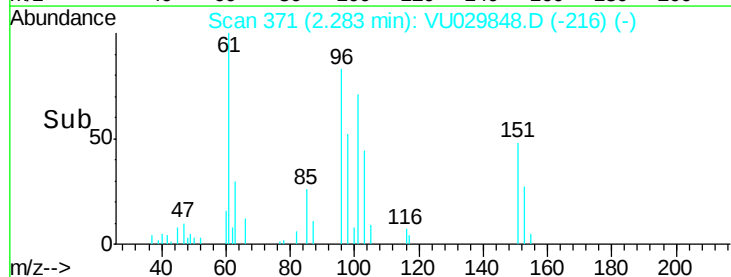
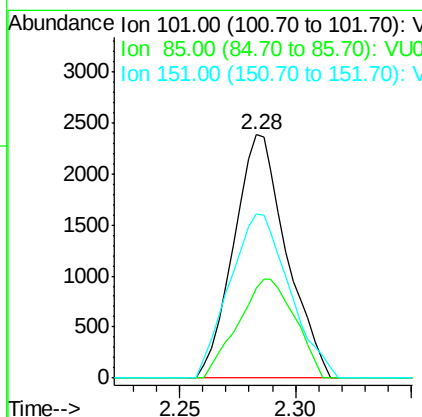
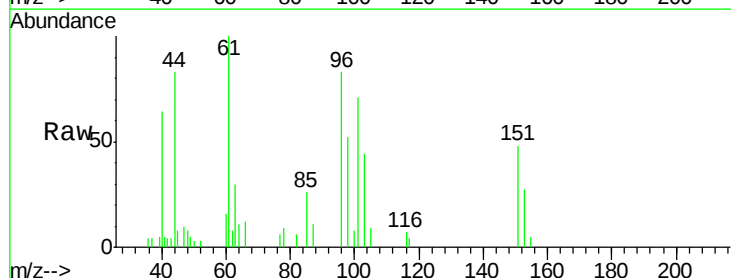
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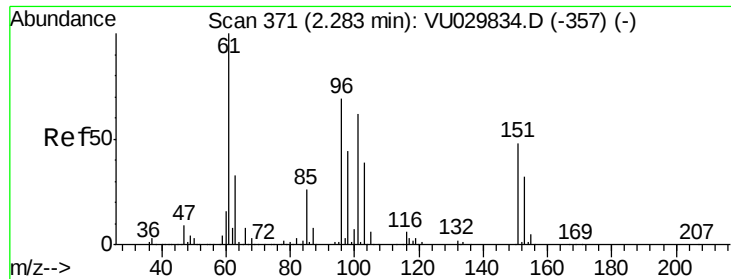


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.244 ug/l
RT: 2.28 min Scan# 371
Delta R.T. -0.00 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

Tgt Ion	Ratio	Lower	Upper
101	100		
85	43.7	33.4	50.0
151	76.6	64.6	97.0





#9

1,1-Dichloroethene

Concen: 0.274 ug/l

RT: 2.28 min Scan# 371

Delta R.T. -0.00 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

Instrument :

MSVOA_U

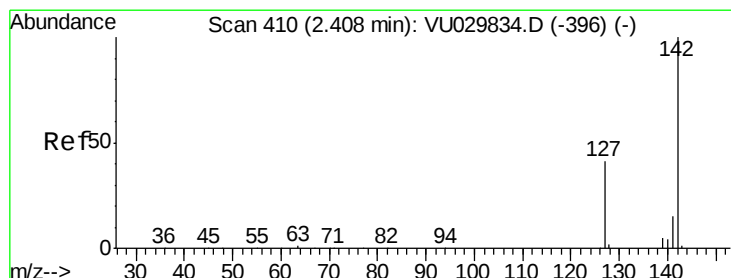
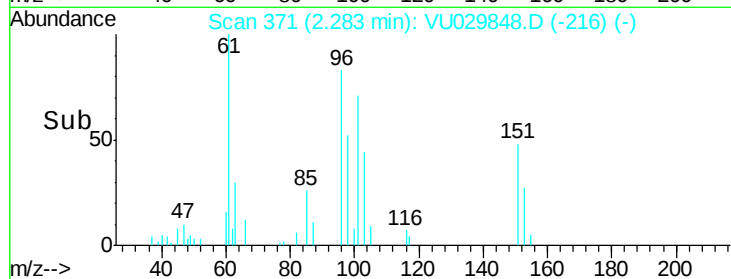
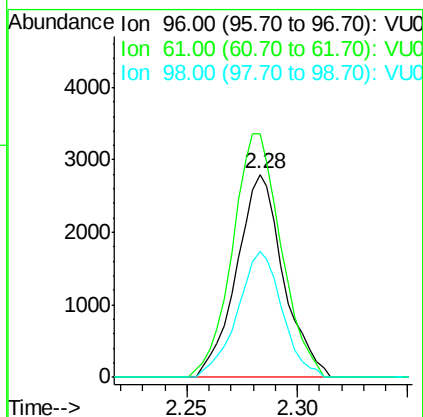
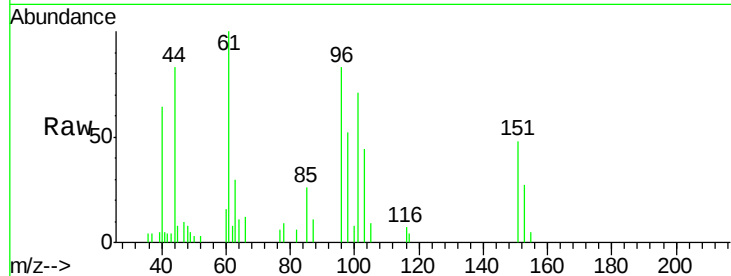
ClientSampleId :

MDL05

Tot Ion:	96	Resp:	4127
Ion	Ratio	Lower	Upper
96	100		
61	119.8	0.0	435.3
98	61.7	0.0	128.6

Manual Integrations
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#10

Iodomethane

Concen: 0.746 ug/l

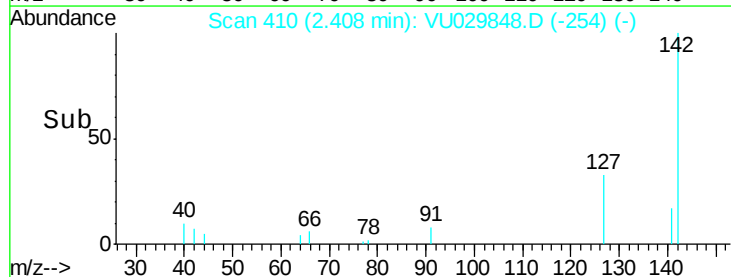
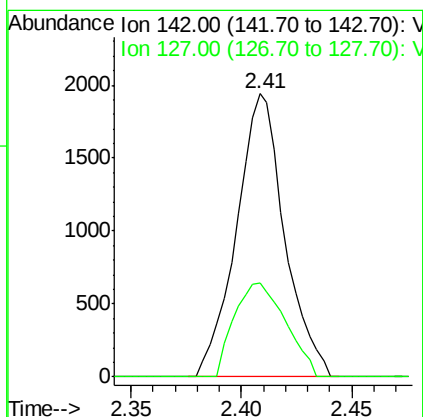
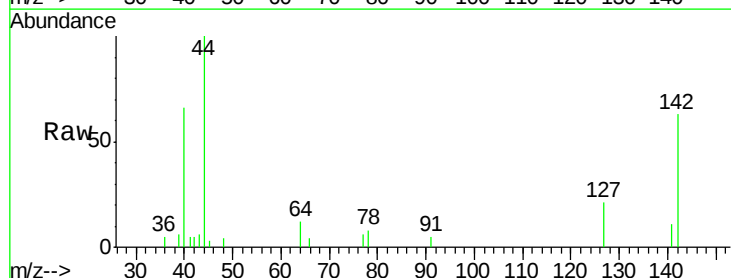
RT: 2.41 min Scan# 410

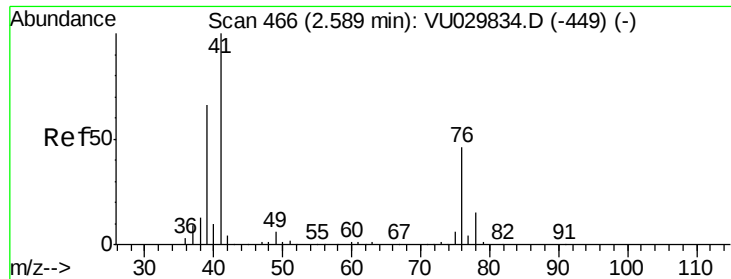
Delta R.T. 0.00 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

Tgt Ion:	142	Resp:	2936
Ion	Ratio	Lower	Upper
142	100		
127	35.5	32.3	48.5





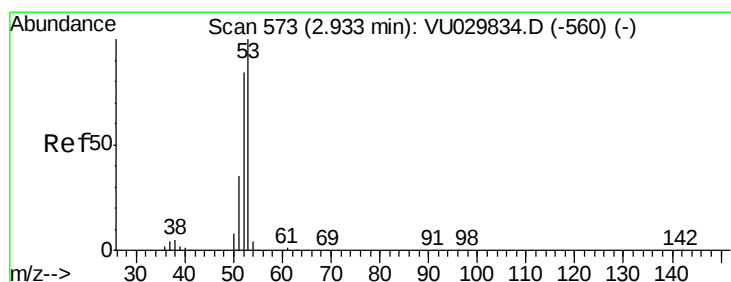
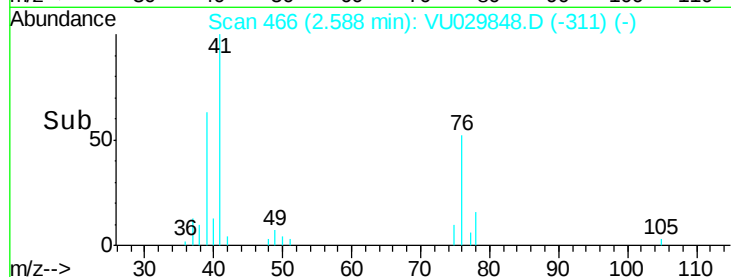
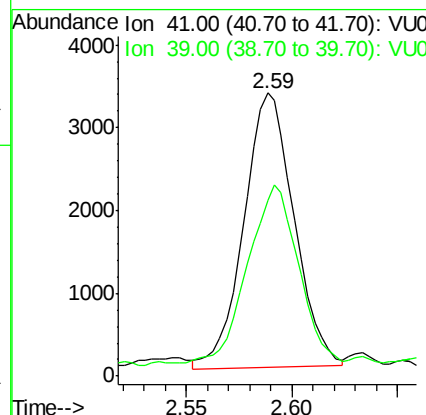
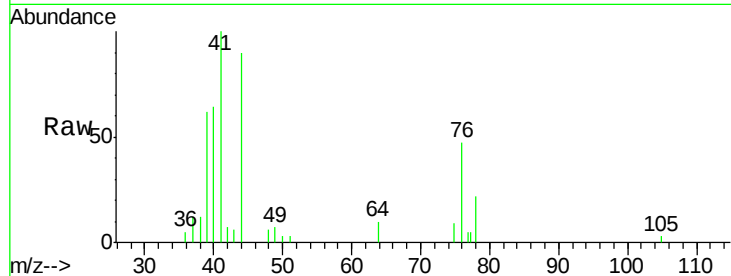
#11
Allvl Chloride
Concen: 0.259 ug/l
RT: 2.59 min Scan# 466
Delta R.T. -0.00 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

Instrument :
MSVOA_U
ClientSampled :
MDL05

Tot Ion: 41 Resp: 5496
Ion Ratio Lower Upper
41 100
39 64.2 51.6 77.4

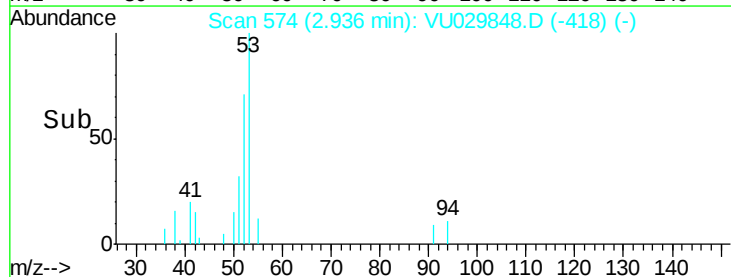
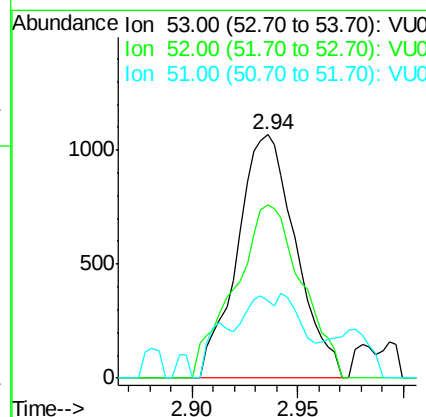
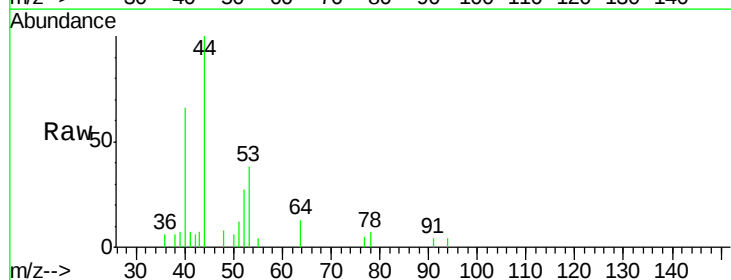
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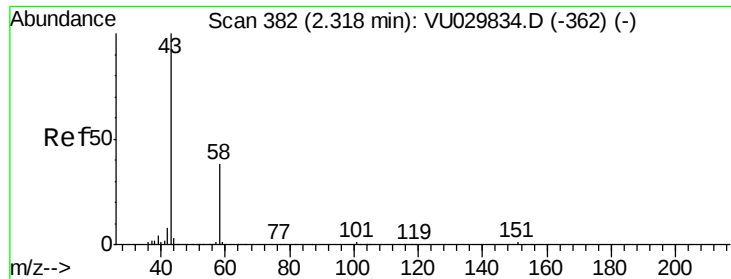
MMDadoda
3/11/2019 6:48:28 PM



#12
Acrylonitrile
Concen: 0.626 ug/l
RT: 2.94 min Scan# 574
Delta R.T. 0.00 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

Tgt Ion: 53 Resp: 2059
Ion Ratio Lower Upper
53 100
52 81.8 66.5 99.7
51 6.3 28.6 42.8#





#13

Acetone

Concen: 1.547 ug/l

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

Instrument :

MSVOA_U

ClientSampled :

MDL05

Tot Ion: 43 Resp: 4214

Ion Ratio Lower Upper

43 100

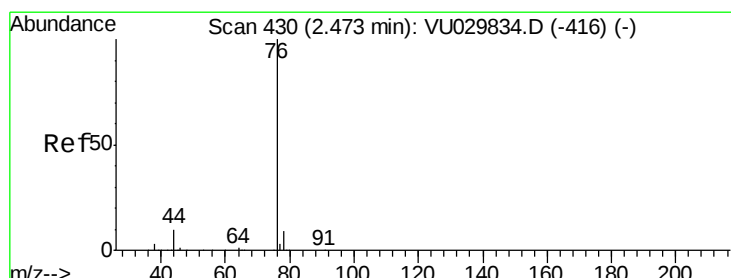
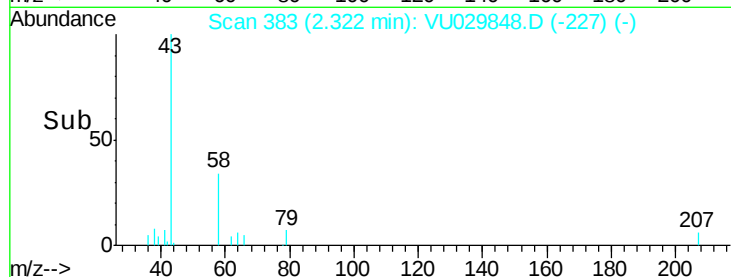
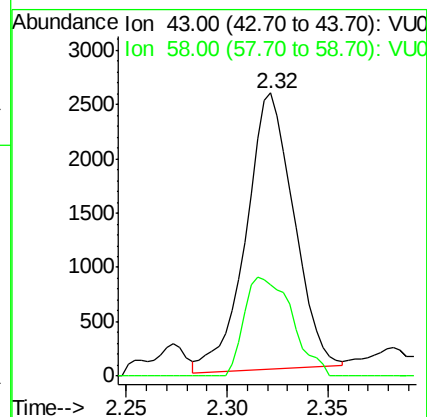
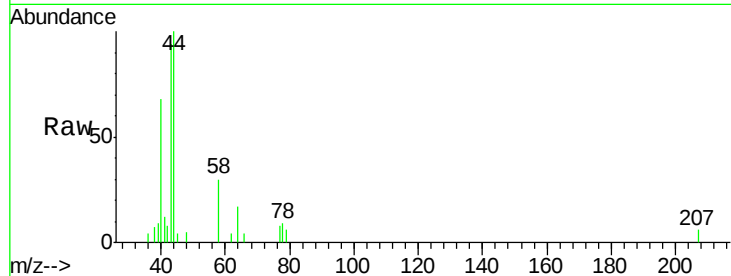
58 33.9 30.2 45.2

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#14

Carbon Disulfide

Concen: 0.255 ug/l

RT: 2.47 min Scan# 430

Delta R.T. -0.00 min

Lab File: VU029848.D

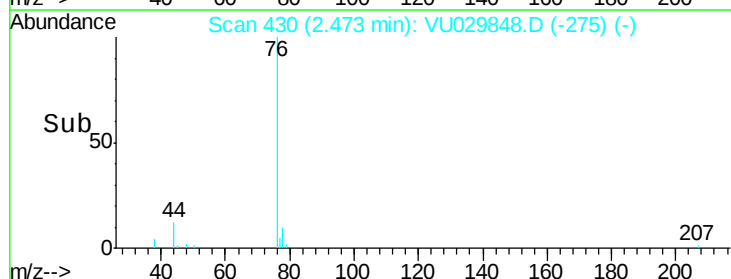
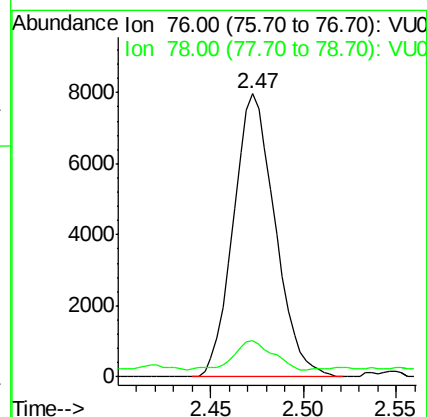
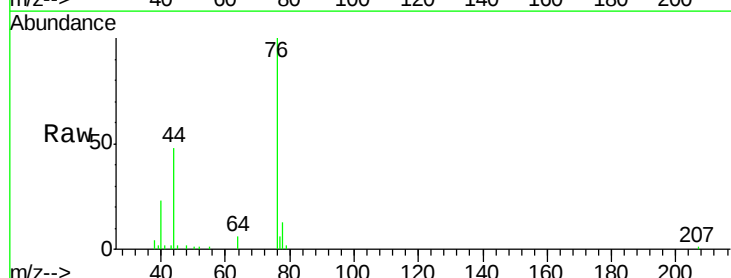
Acq: 07 Mar 2019 11:43

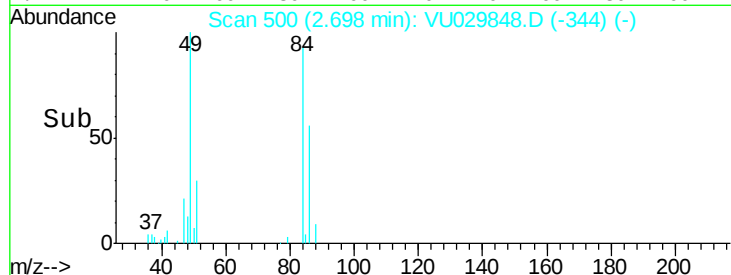
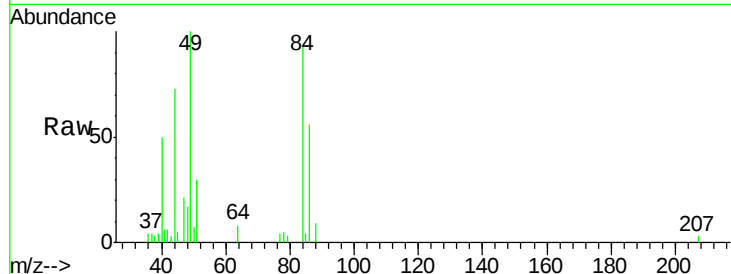
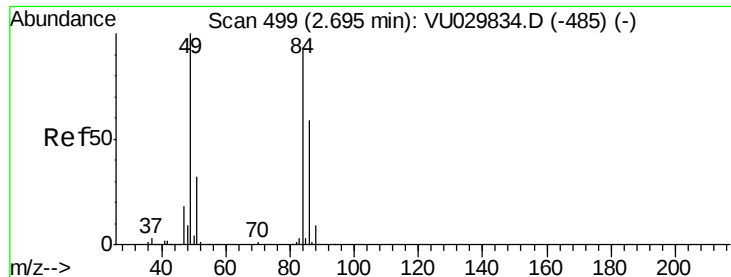
Tgt Ion: 76 Resp: 12433

Ion Ratio Lower Upper

76 100

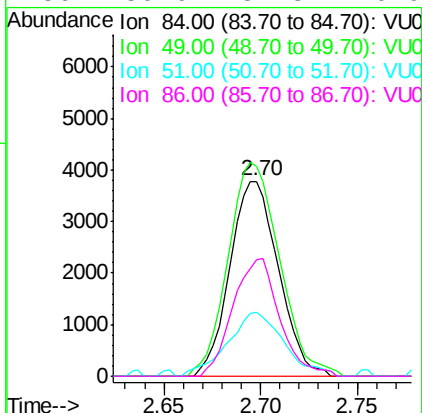
78 10.2 7.2 10.8





#15
Methvlene Chloride
Concen: 0.365 ug/l
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

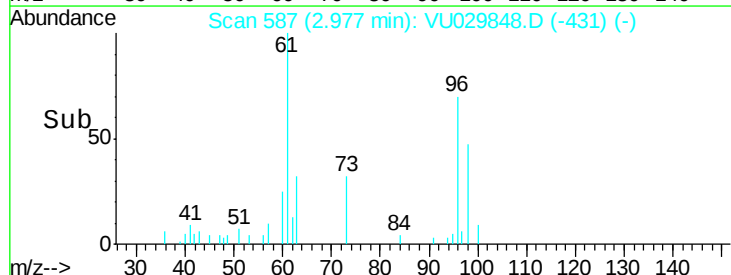
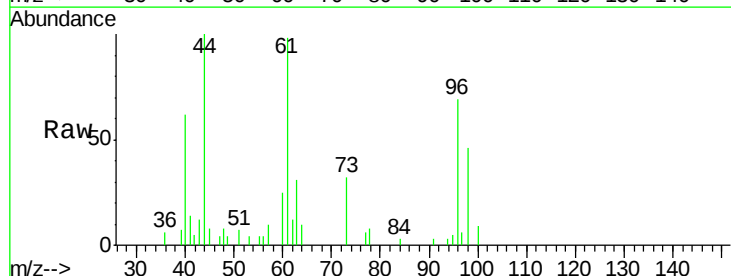
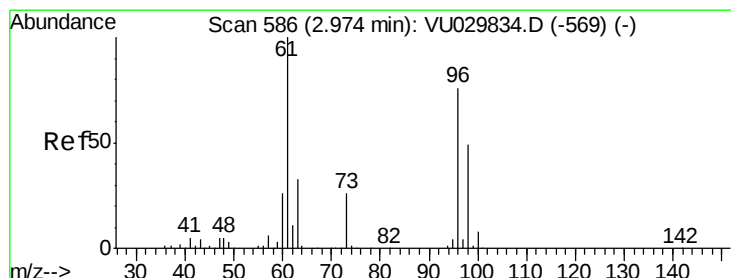
Tot Ion:	84	Resp:	6607
Ion	Ratio	Lower	Upper
84	100		
49	107.3	87.2	130.8
51	32.6	0.0	69.0
86	59.6	51.3	76.9



Instrument :
MSVOA_U
ClientSampleId :
MDL05

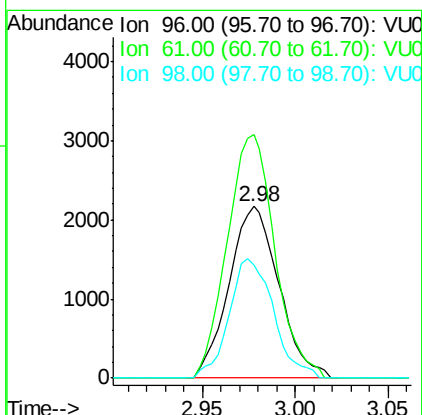
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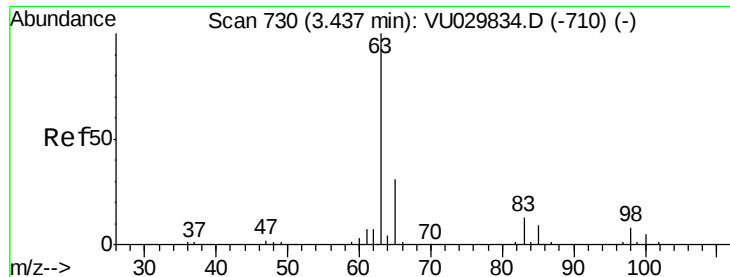
MMDadoda
3/11/2019 6:48:28 PM



#16
trans-1,2-Dichloroethene
Concen: 0.239 ug/l
RT: 2.98 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

Tgt Ion:	96	Resp:	4067
Ion	Ratio	Lower	Upper
96	100		
61	142.0	104.7	157.1
98	66.1	50.9	76.3





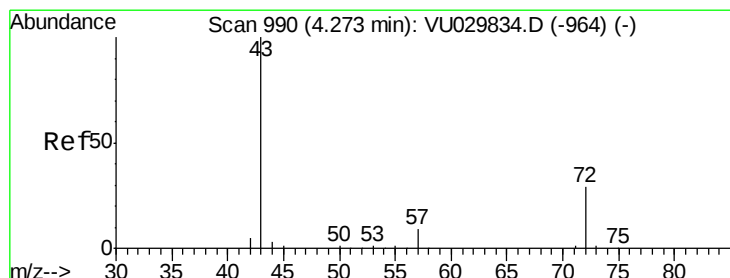
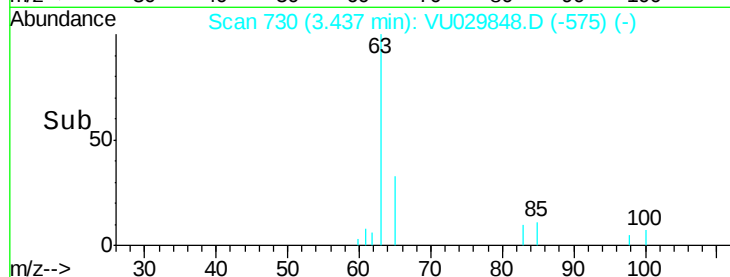
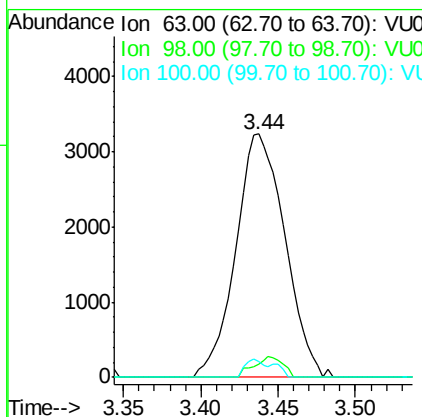
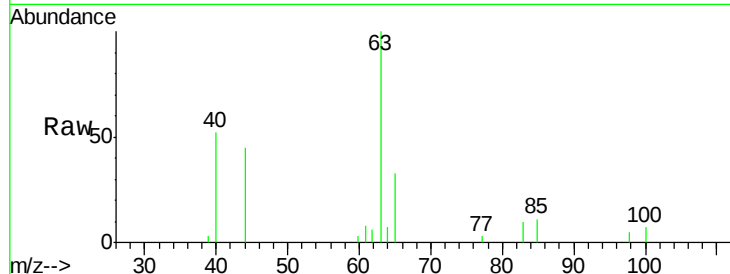
#17
 1,1-Dichloroethane
 Concen: 0.250 ug/l
 RT: 3.44 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: VU029848.D
 Acq: 07 Mar 2019 11:43

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

Tot Ion	Ratio	Lower	Upper
63	100		
98	5.4	3.8	11.4
100	6.7	2.4	7.1

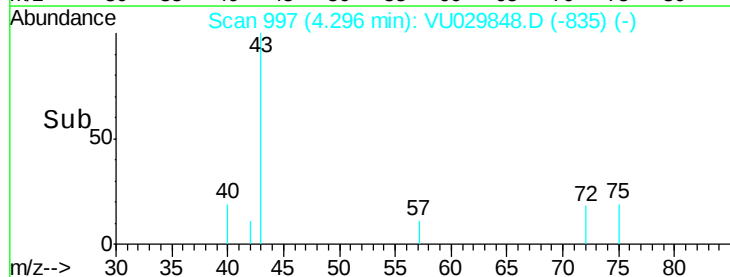
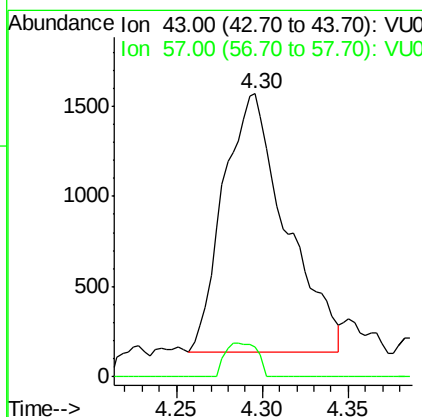
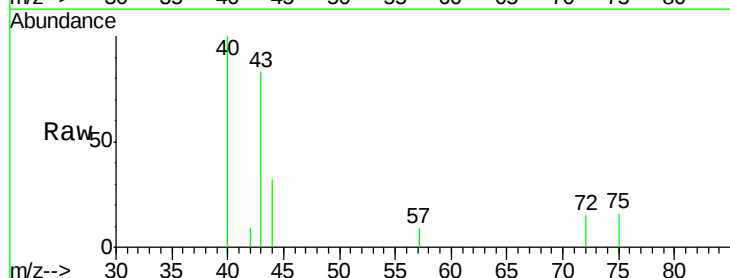
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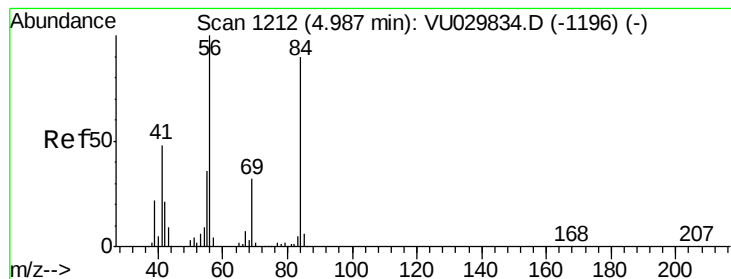
MMDadoda
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#18
 2-Butanone
 Concen: 0.984 ug/l
 RT: 4.30 min Scan# 997
 Delta R.T. 0.02 min
 Lab File: VU029848.D
 Acq: 07 Mar 2019 11:43

Tgt Ion	Ratio	Lower	Upper
43	100		
57	11.7	0.0	18.6





#19

Cyclohexane

Concen: 0.222 ug/l m

RT: 4.98 min Scan# 1211

Delta R.T. -0.00 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

Instrument :

MSVOA_U

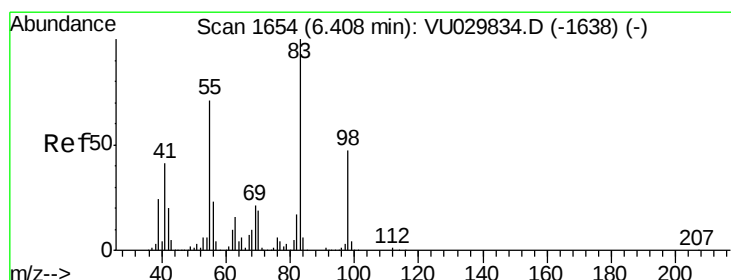
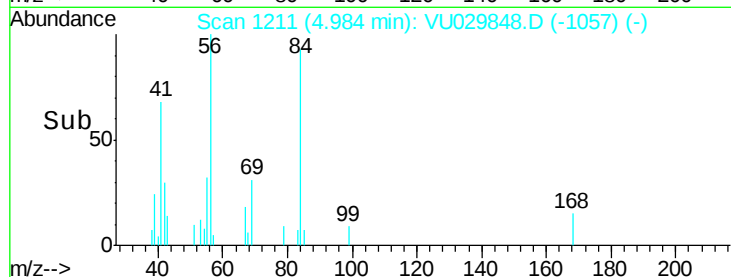
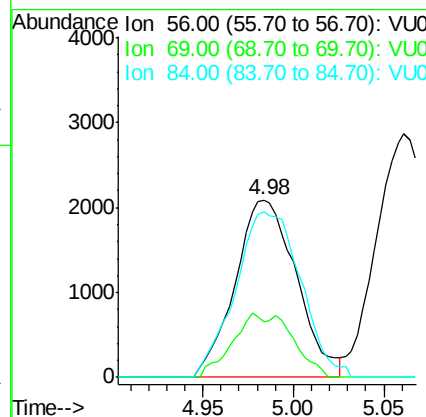
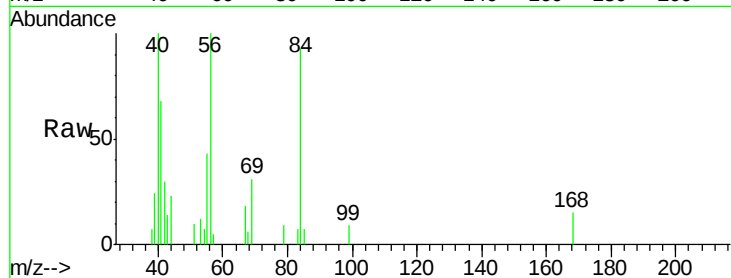
ClientSampleId :

MDL05

Tot Ion	Ratio	Lower	Upper
56	100		
69	19.1	29.4	44.2#
84	99.0	84.6	127.0

Manual Integrations
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MMDadoda
3/11/2019 6:48:28 PM



#20

Methylcyclohexane

Concen: 0.222 ug/l

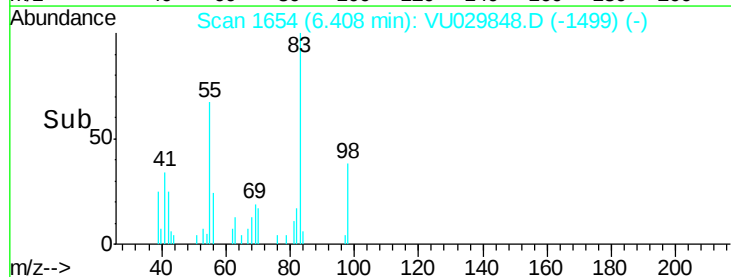
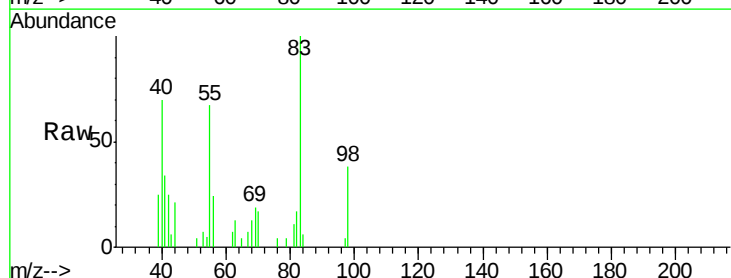
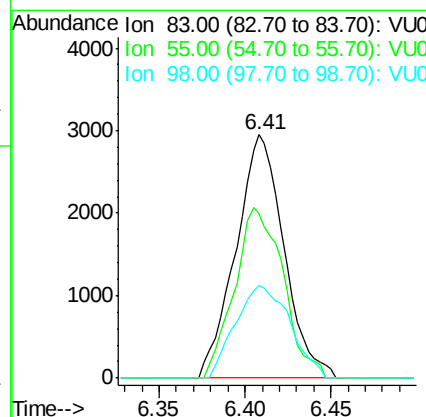
RT: 6.41 min Scan# 1654

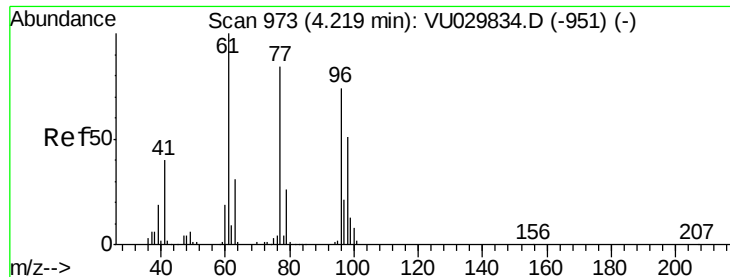
Delta R.T. -0.00 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

Tgt Ion	Ratio	Lower	Upper
83	100		
55	70.9	55.9	83.9
98	43.0	37.0	55.4





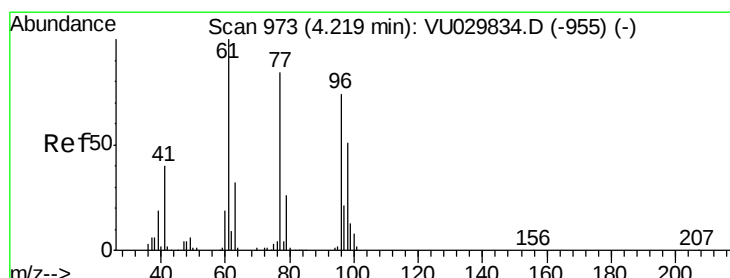
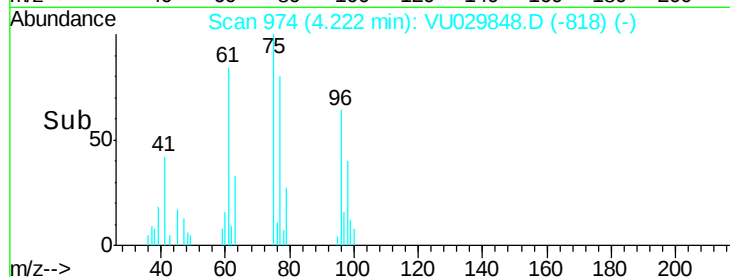
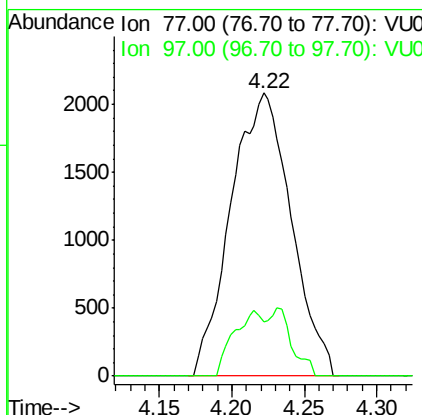
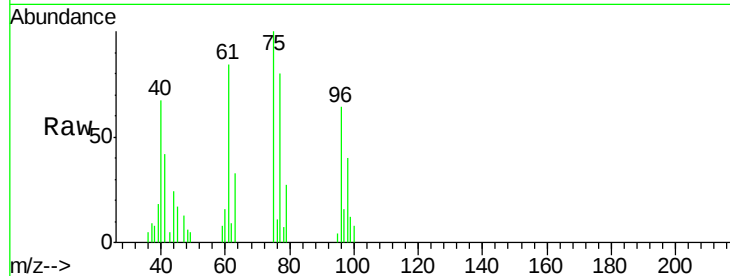
#21
 2,2-Dichloropropane
 Concen: 0.258 ug/l
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU029848.D
 Acq: 07 Mar 2019 11:43

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

Tot Ion: 77 Resp: 6021
 Ion Ratio Lower Upper
 77 100
 97 11.3 20.2 30.2#

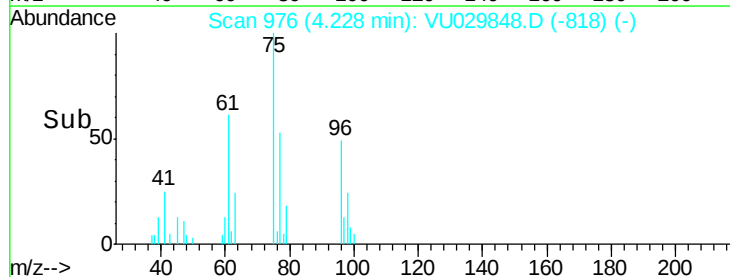
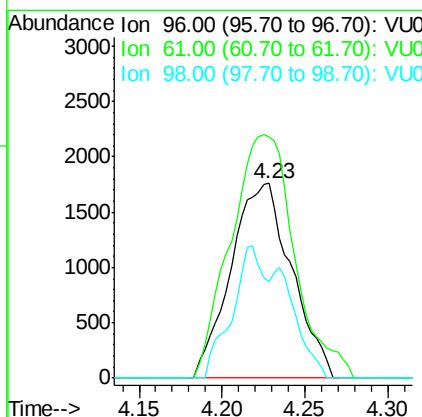
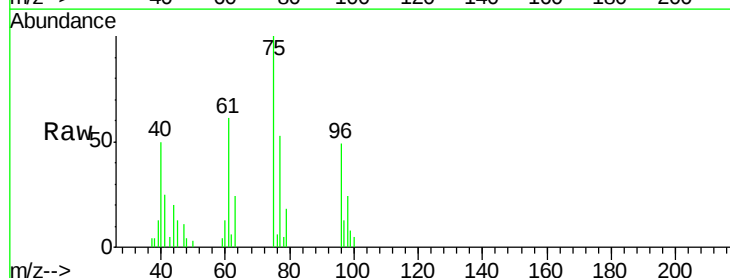
Manual Integrations
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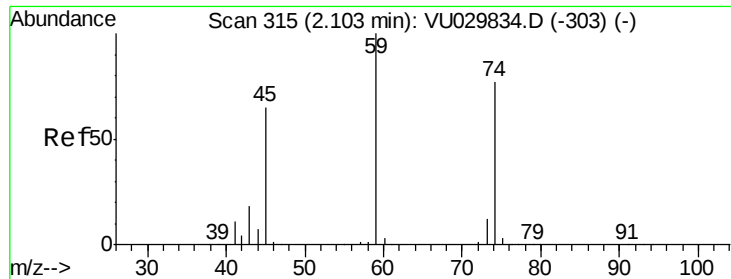
MMDadoda
 3/11/2019 6:48:28 PM



#22
 cis-1,2-Dichloroethene
 Concen: 0.248 ug/l
 RT: 4.23 min Scan# 976
 Delta R.T. 0.01 min
 Lab File: VU029848.D
 Acq: 07 Mar 2019 11:43

Tgt Ion: 96 Resp: 4480
 Ion Ratio Lower Upper
 96 100
 61 131.7 0.0 339.0
 98 37.8 33.1 99.5





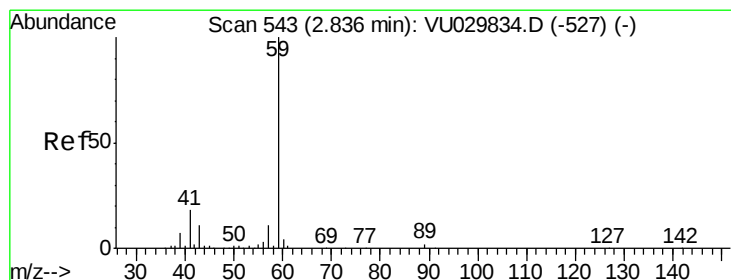
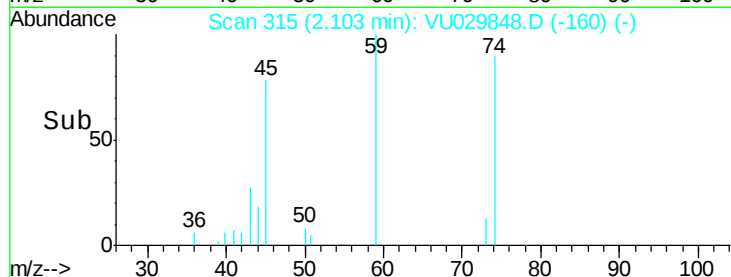
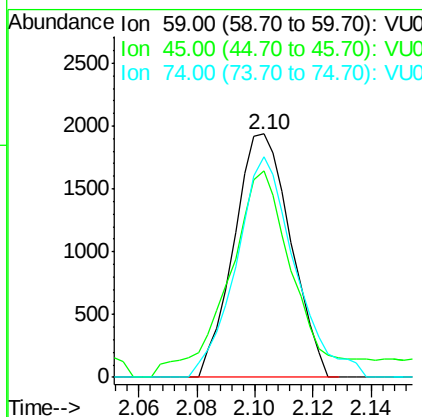
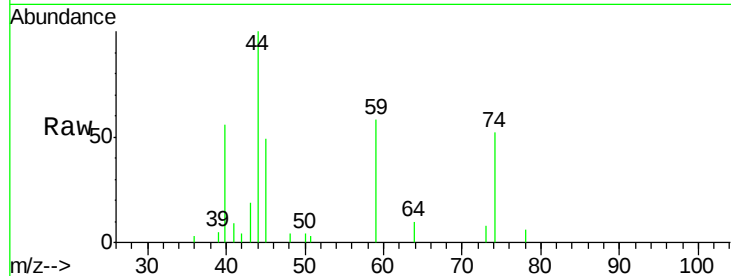
#23
Diethyl Ether
Concen: 0.232 ug/l
RT: 2.10 min Scan# 315
Delta R.T. -0.00 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

Instrument :
MSVOA_U
ClientSampled :
MDL05

Tot Ion	Ratio	Lower	Upper
59	100		
45	98.2	52.7	79.1#
74	94.0	61.8	92.6#

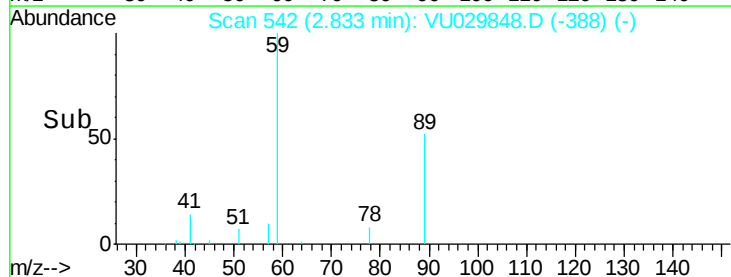
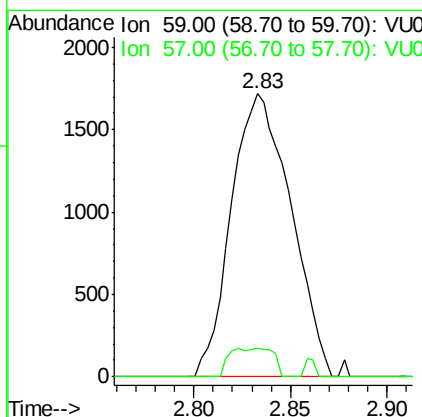
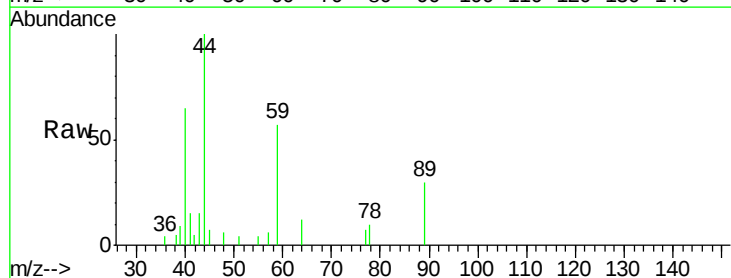
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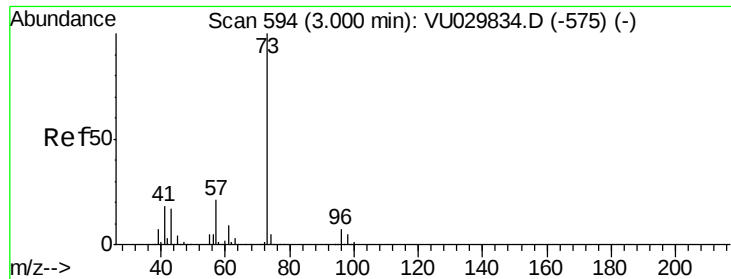
MMDadoda
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#24
tert-Butyl Alcohol
Concen: 3.155 ug/l
RT: 2.83 min Scan# 542
Delta R.T. -0.00 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

Tgt Ion	Ratio	Lower	Upper
59	100		
57	3.2	8.5	12.7#





#25

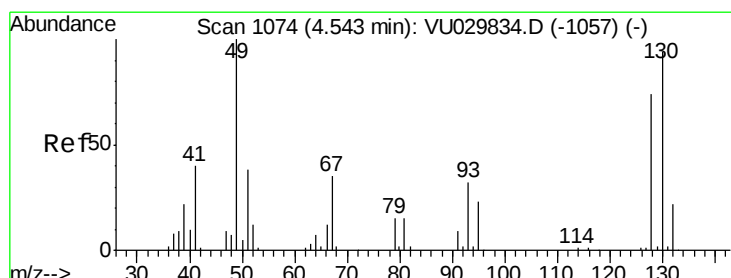
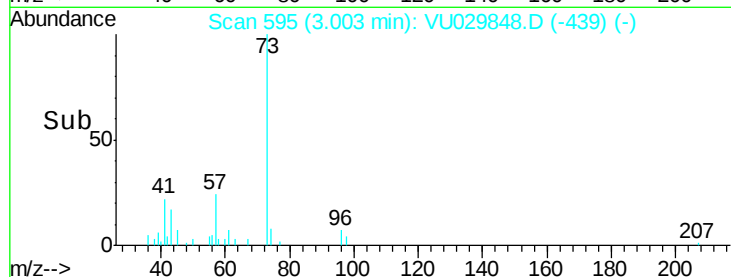
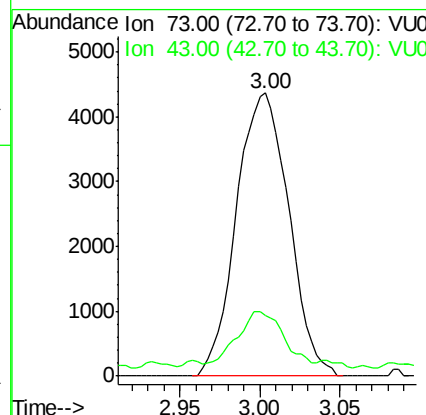
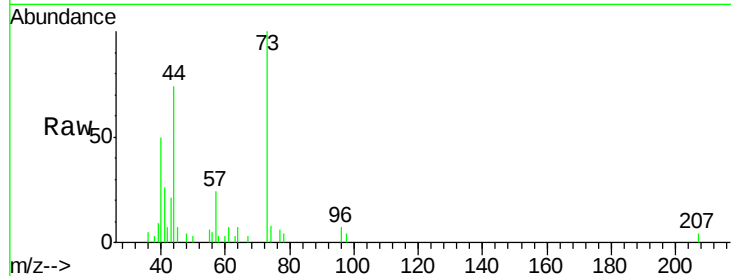
Methyl tert-Butyl Ether
 Concen: 0.257 ug/l
 RT: 3.00 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: VU029848.D
 Acq: 07 Mar 2019 11:43

Instrument :
 MSVOA_U
 ClientSampleID :
 MDL05

Tot Ion	Ratio	Lower	Upper
73	100		
43	15.3	13.1	19.7

Manual Integrations
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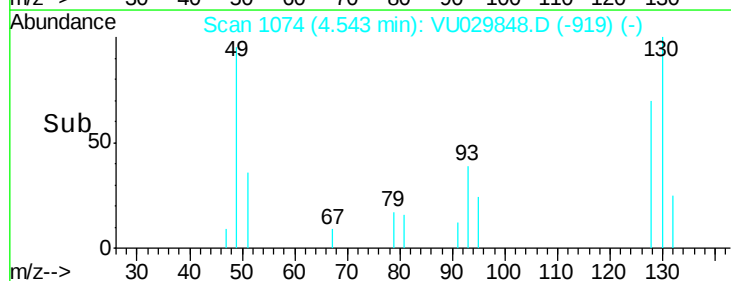
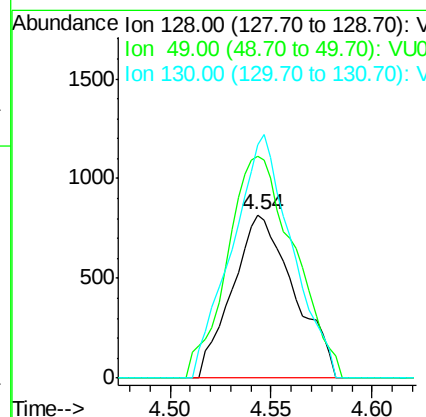
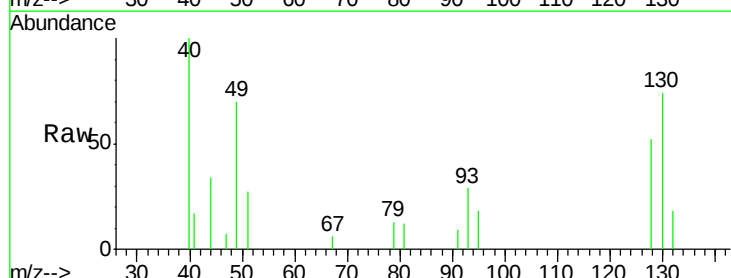
MMDadoda
 3/11/2019 6:48:28 PM

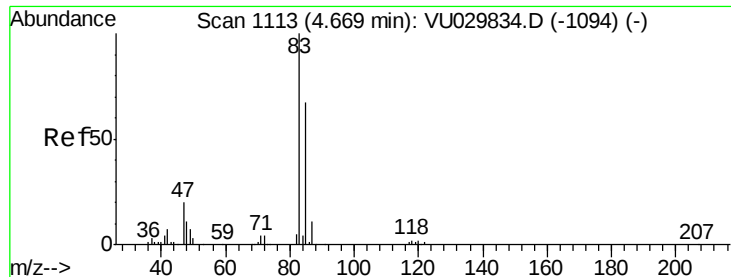


#26

Bromochloromethane
 Concen: 0.218 ug/l
 RT: 4.54 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VU029848.D
 Acq: 07 Mar 2019 11:43

Tgt Ion	Ratio	Lower	Upper
128	100		
49	147.6	0.0	270.6
130	144.6	104.2	156.4





#27

Chloroform

Concen: 0.231 ug/l

RT: 4.67 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

Instrument :

MSVOA_U

ClientSampled :

MDL05

Tot Ion: 83 Resp: 6658

Ion Ratio Lower Upper

83 100

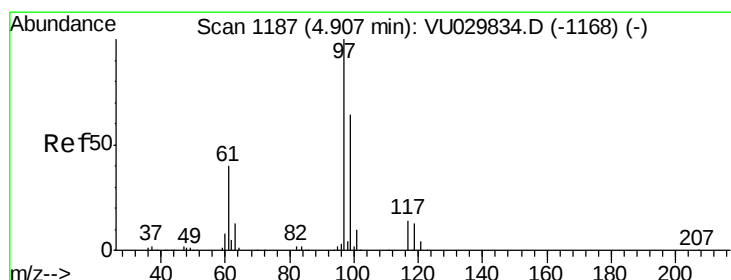
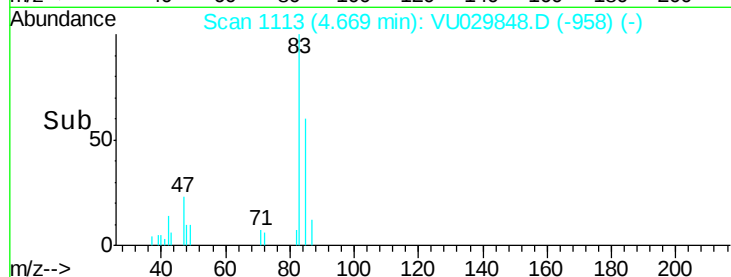
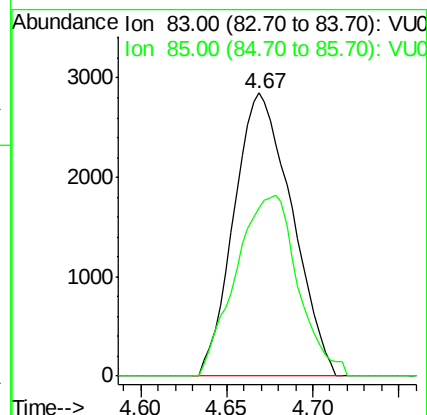
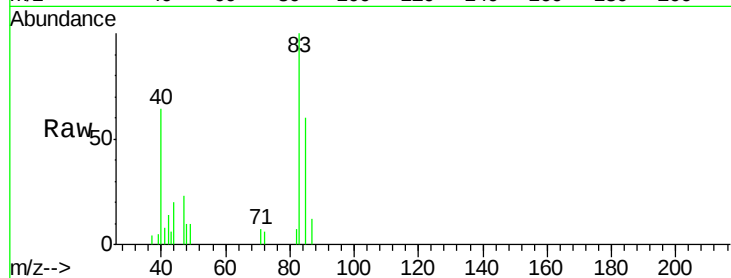
85 59.6 0.0 133.2

Manual Integrations

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#28

1,1,1-Trichloroethane

Concen: 0.238 ug/l

RT: 4.91 min Scan# 1187

Delta R.T. -0.00 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

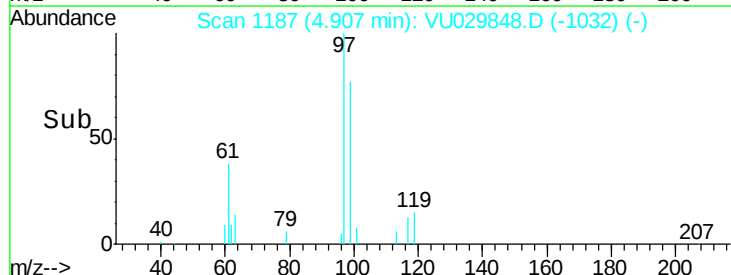
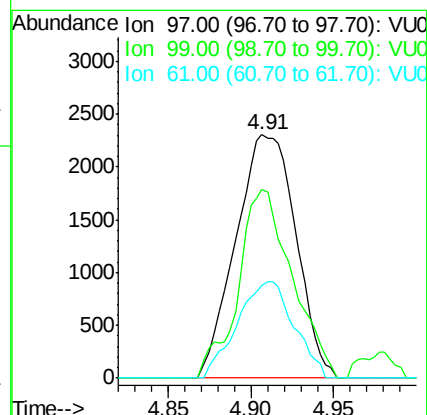
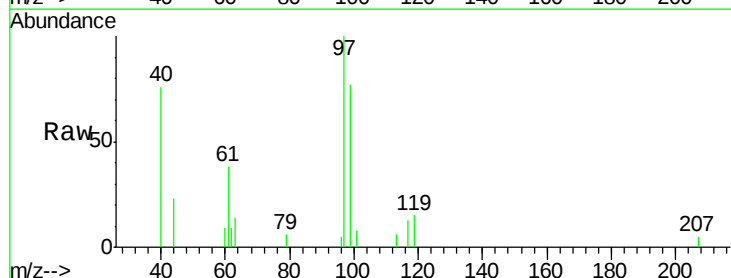
Tgt Ion: 97 Resp: 5821

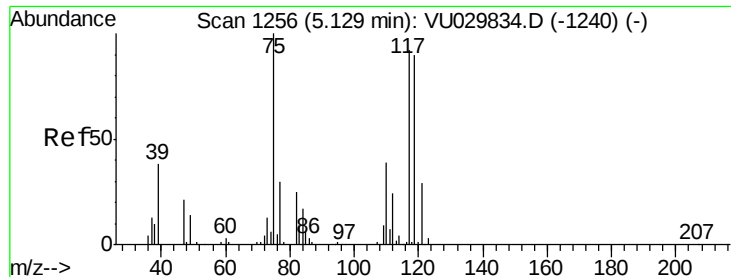
Ion Ratio Lower Upper

97 100

99 69.4 31.9 95.9

61 37.3 20.4 61.3





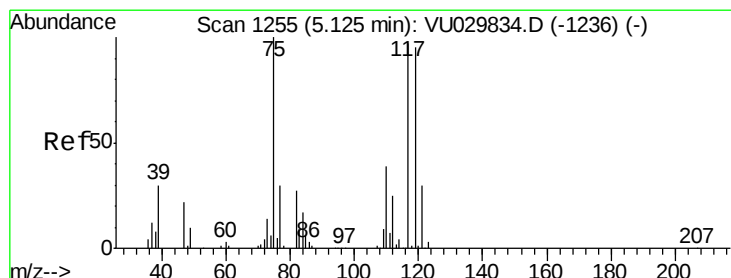
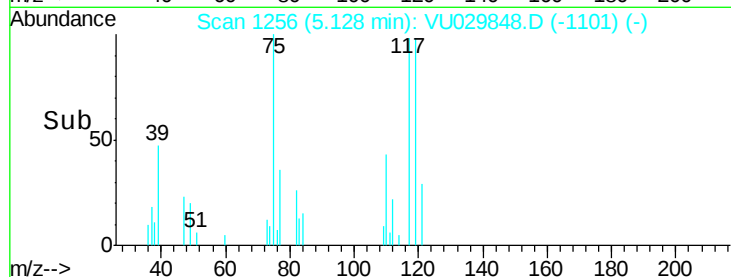
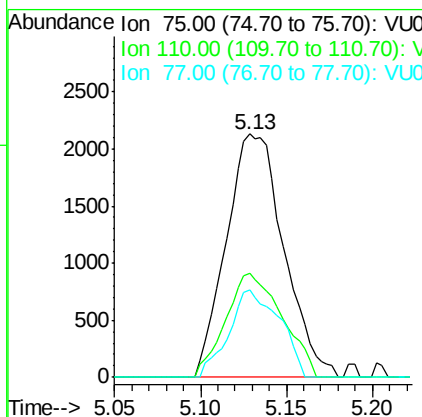
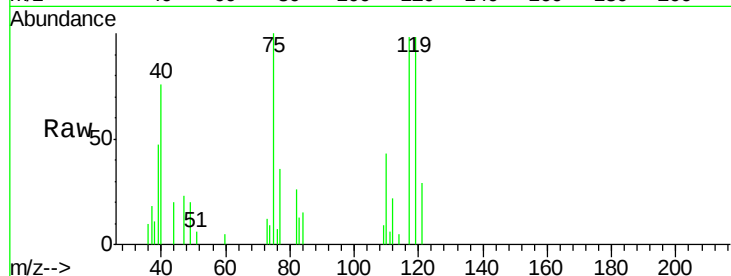
#29
 1,1-Dichloropropene
 Concen: 0.228 ug/l
 RT: 5.13 min Scan# 1256
 Delta R.T. -0.00 min
 Lab File: VU029848.D
 Acq: 07 Mar 2019 11:43

Instrument :
 MSVOA_U
 ClientSampled :
 MDL05

Tot Ion	Ratio	Lower	Upper
75	100		
110	42.0	19.1	57.5
77	31.4	23.9	35.9

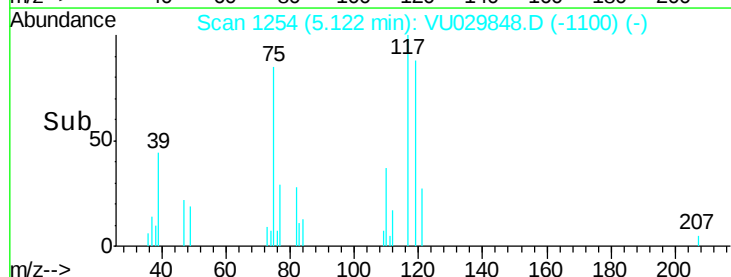
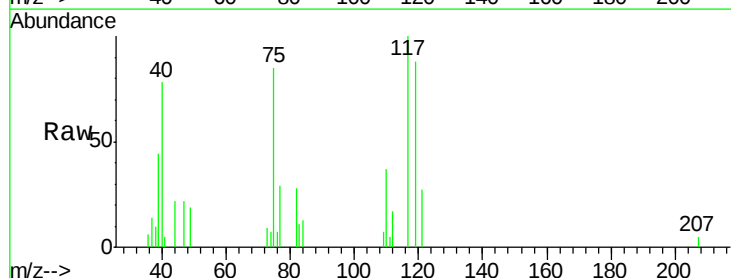
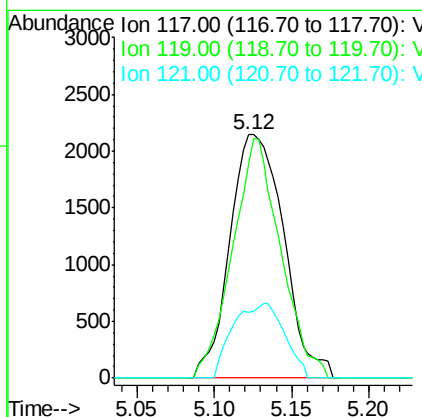
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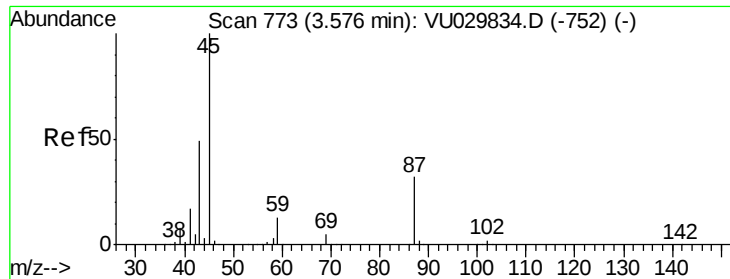
MMDadoda
 3/11/2019 6:48:28 PM



#30
 Carbon Tetrachloride
 Concen: 0.242 ug/l
 RT: 5.12 min Scan# 1254
 Delta R.T. -0.00 min
 Lab File: VU029848.D
 Acq: 07 Mar 2019 11:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	88.2	78.4	117.6
121	27.2	25.0	37.4





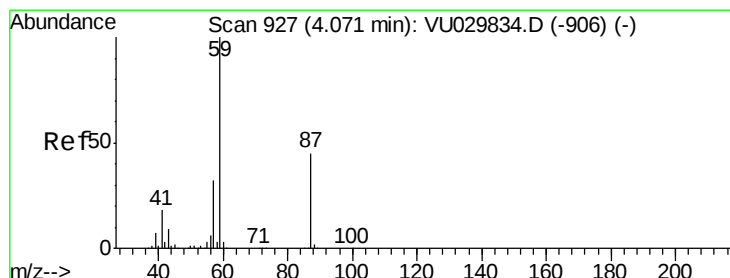
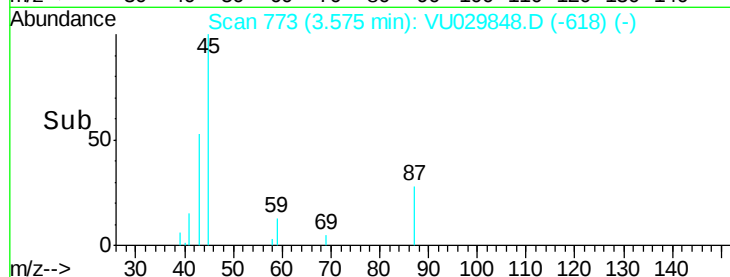
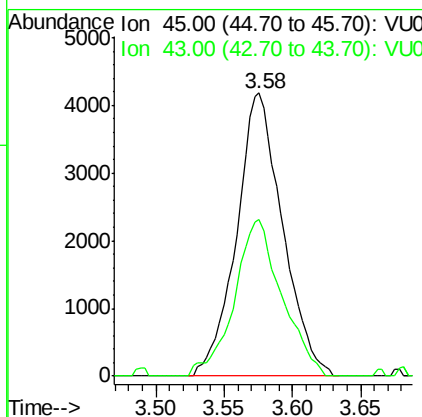
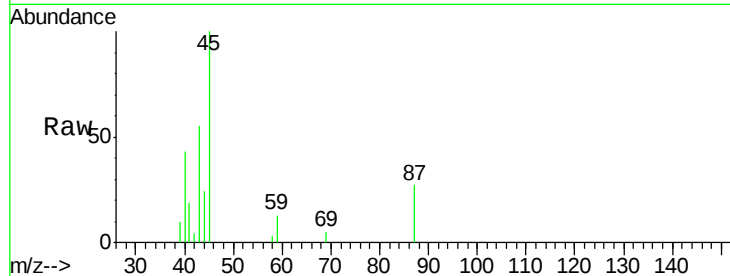
#31
Isopropyl Ether
Concen: 0.249 ug/l
RT: 3.58 min Scan# 773
Delta R.T. -0.00 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tot Ion: 45 Resp: 9795
Ion Ratio Lower Upper
45 100
43 56.9 24.3 72.9

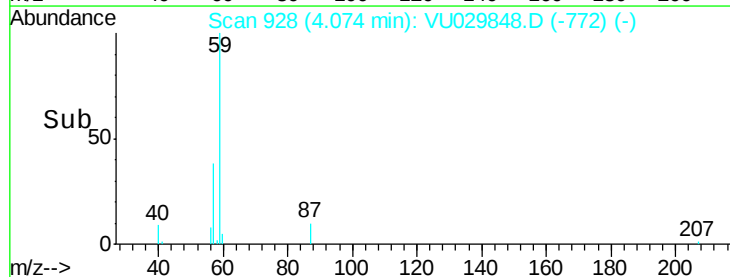
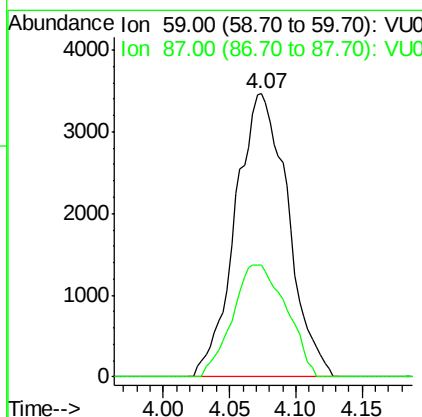
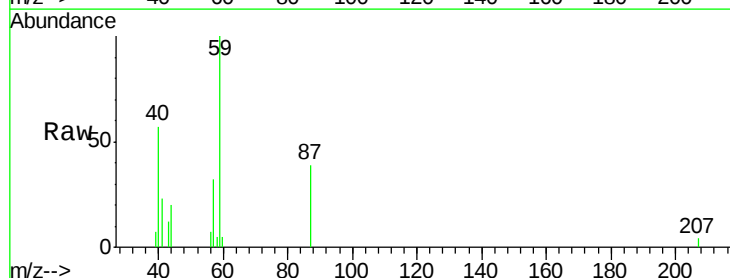
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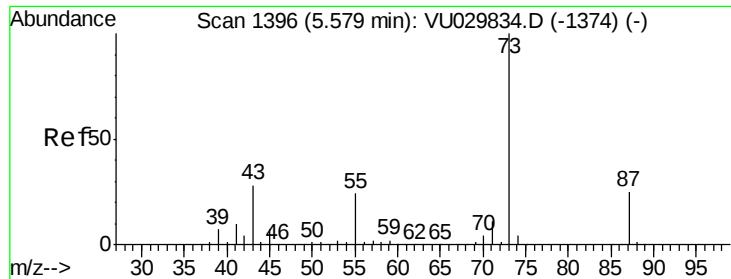
MMDadoda
3/11/2019 6:48:28 PM



#32
Ethyl-t-butyl ether
Concen: 0.250 ug/l
RT: 4.07 min Scan# 928
Delta R.T. 0.00 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

Tgt Ion: 59 Resp: 9572
Ion Ratio Lower Upper
59 100
87 40.4 36.2 54.4





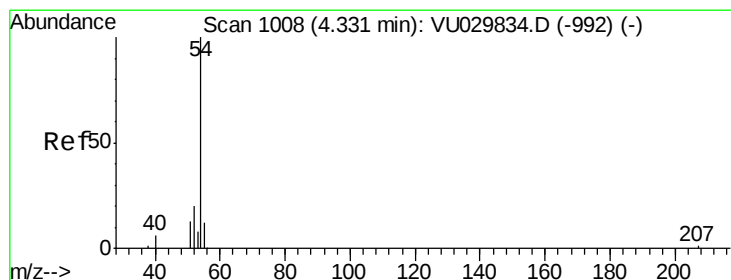
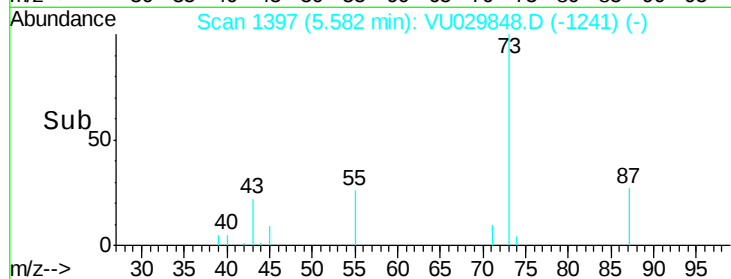
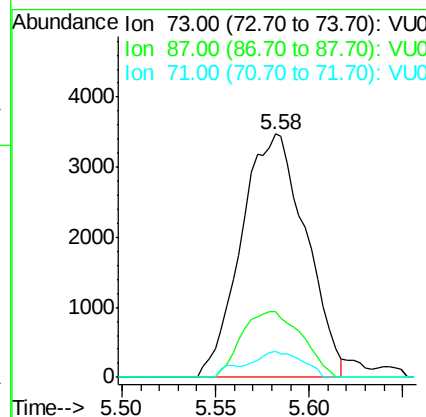
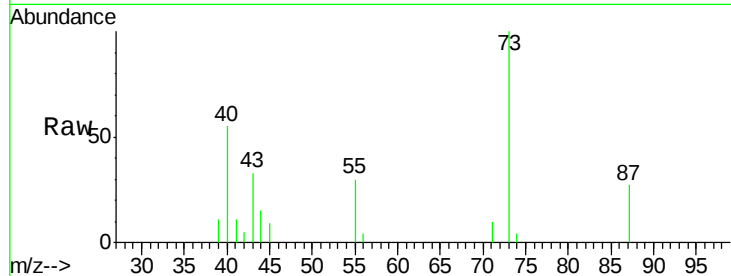
#33
Tert-Butyl methyl ether
Concen: 0.235 ug/l m
RT: 5.58 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tot Ion	Ratio	Lower	Upper
73	100		
87	25.2	19.7	29.5
71	9.3	9.4	14.2#

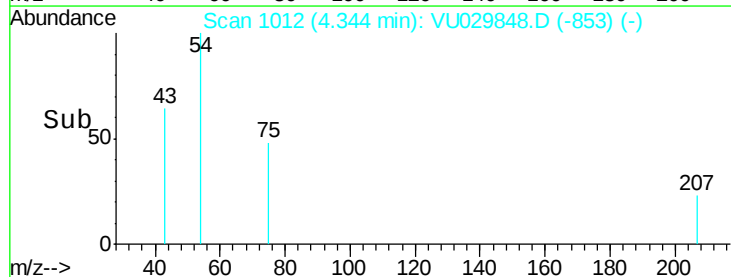
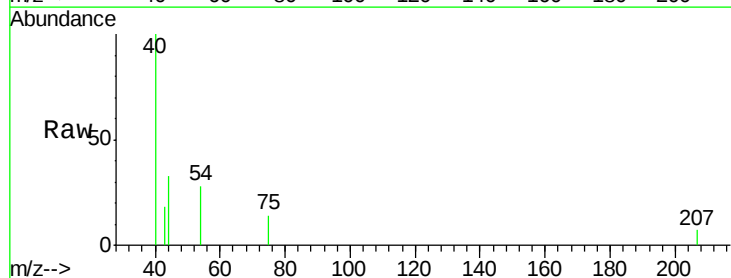
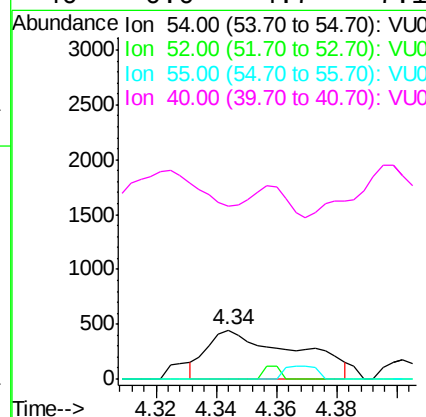
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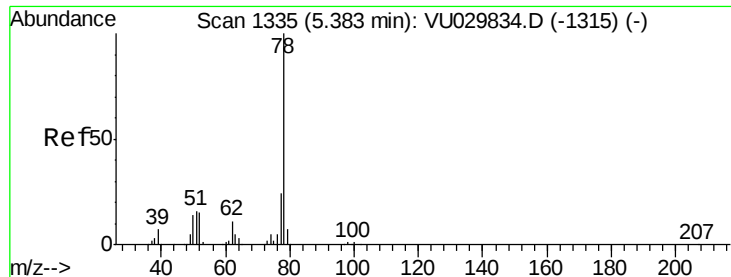
MMDadoda
3/11/2019 6:48:28 PM



#34
Propionitrile
Concen: 0.821 ug/l m
RT: 4.34 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

Tgt Ion	Ratio	Lower	Upper
54	100		
52	0.0	16.1	24.1#
55	0.0	11.2	16.8#
40	0.0	4.7	7.1#





#35

Benzene

Concen: 0.253 ug/l

RT: 5.39 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tot Ion: 78 Resp: 16183

Ion Ratio Lower Upper

78 100

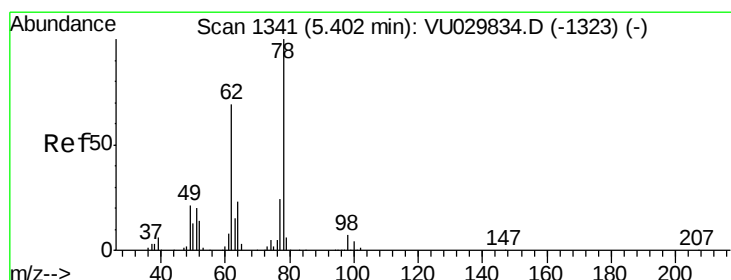
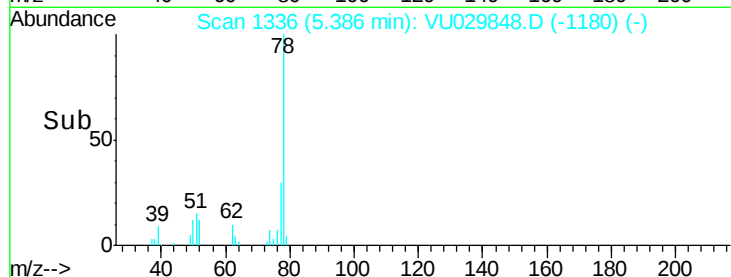
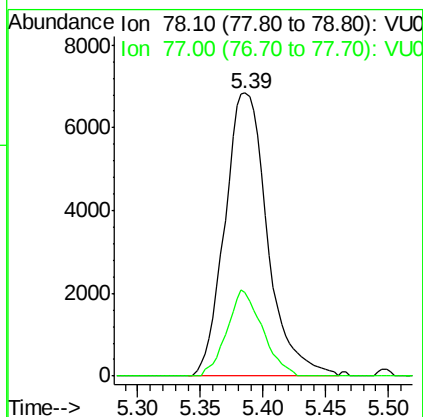
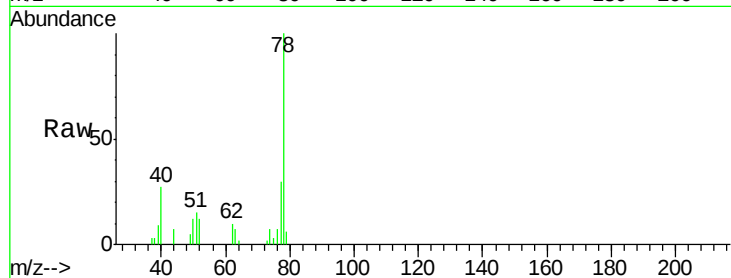
77 29.7 19.2 28.8#

Manual Integrations

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#36

1,2-Dichloroethane

Concen: 0.252 ug/l

RT: 5.41 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VU029848.D

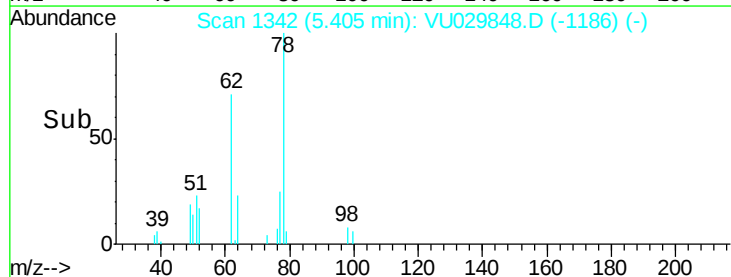
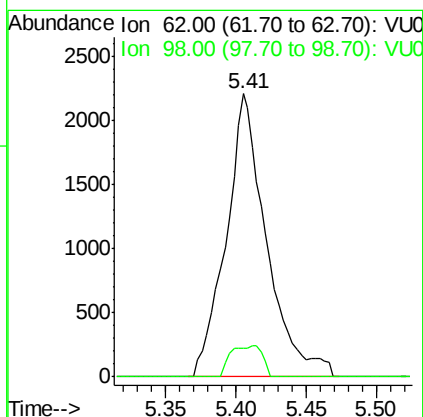
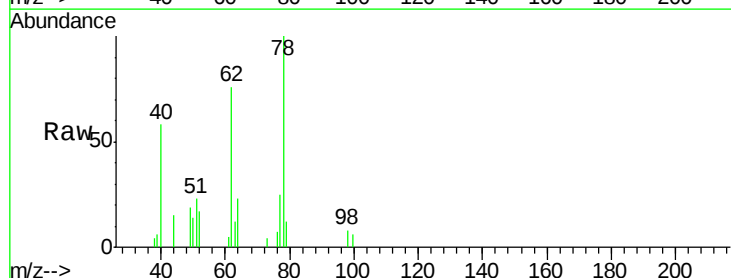
Acq: 07 Mar 2019 11:43

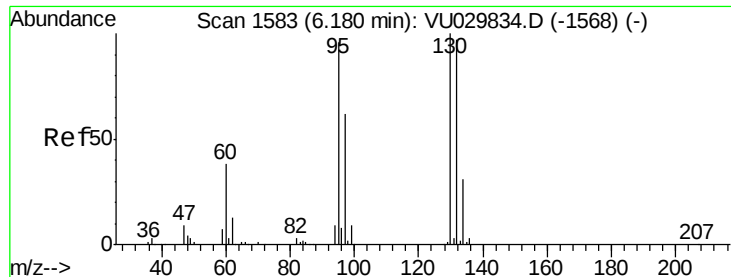
Tgt Ion: 62 Resp: 4410

Ion Ratio Lower Upper

62 100

98 8.7 8.2 12.2





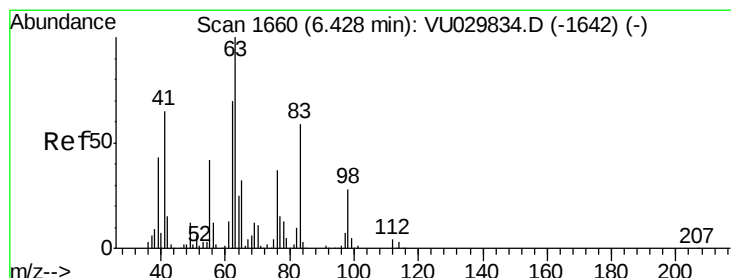
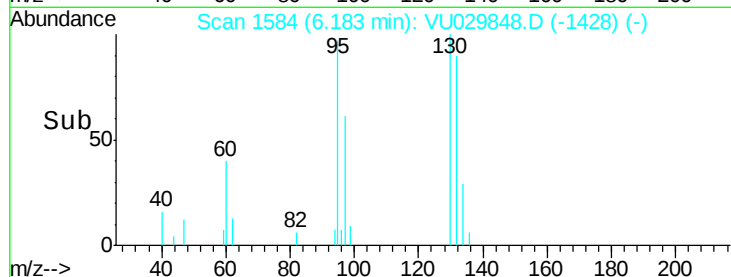
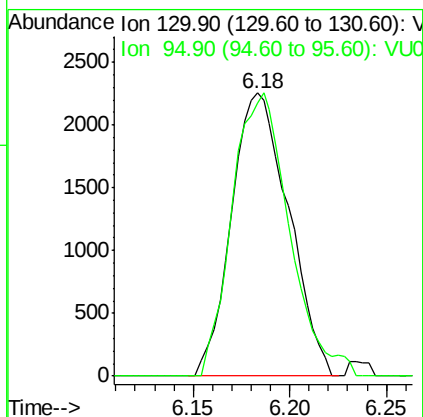
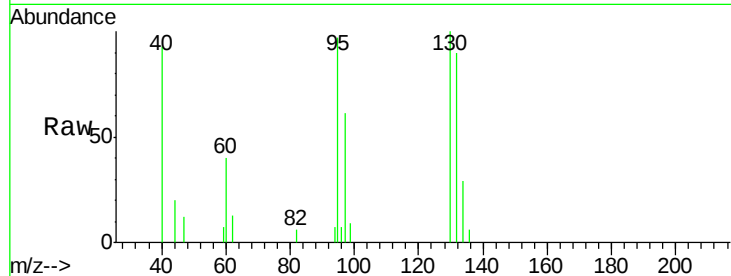
#37
 Trichloroethene
 Concen: 0.247 ug/l
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU029848.D
 Acq: 07 Mar 2019 11:43

Instrument :
 MSVOA_U
 ClientSampled :
 MDL05

Tot Ion:130 Resp: 4620
 Ion Ratio Lower Upper
 130 100
 95 96.6 76.6 114.8

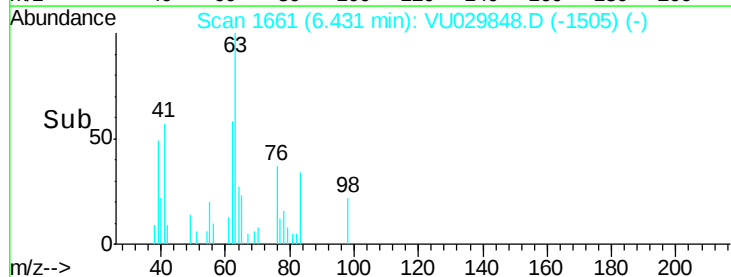
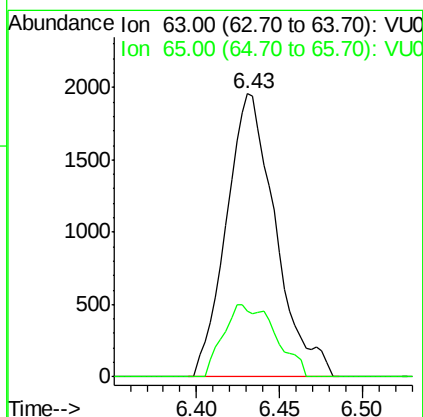
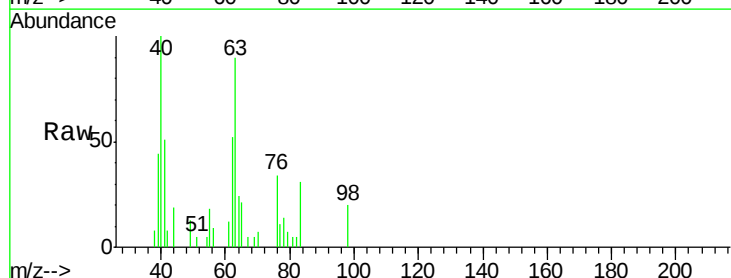
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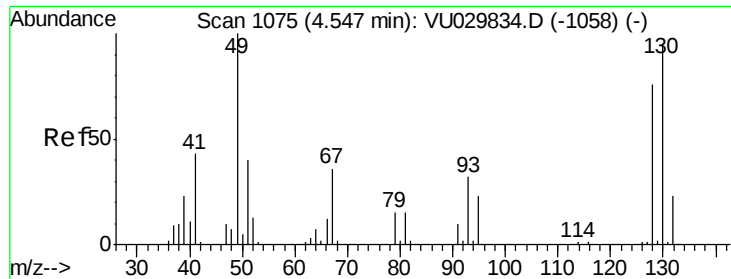
MMDadoda
 3/11/2019 6:48:28 PM



#38
 1,2-Dichloropropane
 Concen: 0.249 ug/l
 RT: 6.43 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: VU029848.D
 Acq: 07 Mar 2019 11:43

Tgt Ion: 63 Resp: 4044
 Ion Ratio Lower Upper
 63 100
 65 23.2 25.4 38.2#





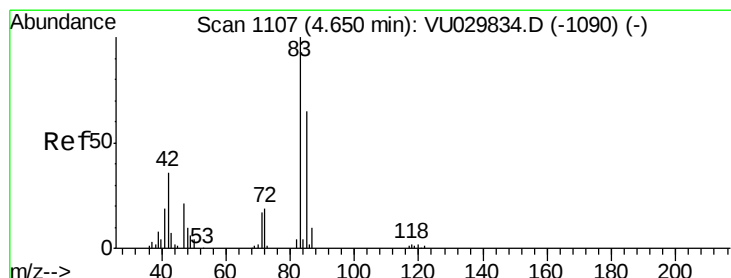
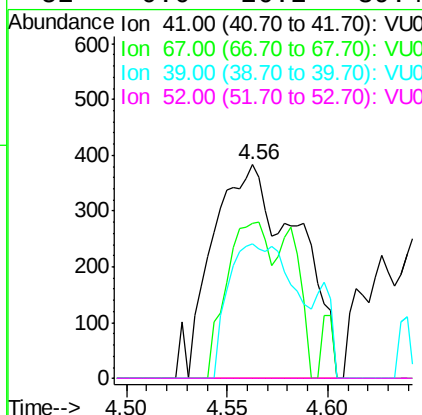
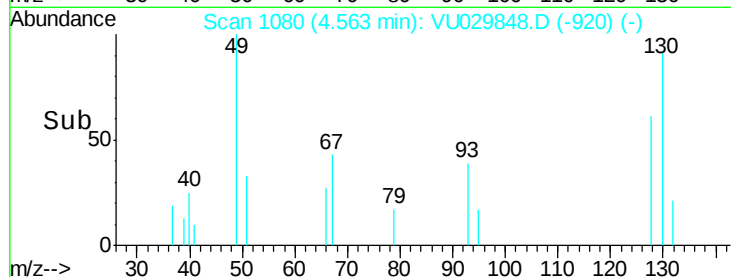
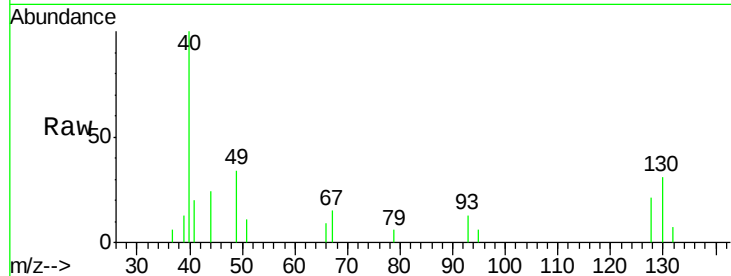
#39
Methacrylonitrile
Concen: 0.240 ug/l m
RT: 4.56 min Scan# 1080
Delta R.T. 0.02 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

Instrument :
MSVOA_U
ClientSampled :
MDL05

Tot Ion	Ratio	Lower	Upper
41	100		
67	0.0	68.4	102.6#
39	0.0	42.6	63.8#
52	0.0	26.2	39.4#

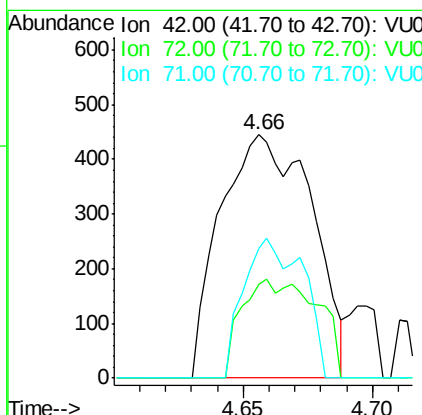
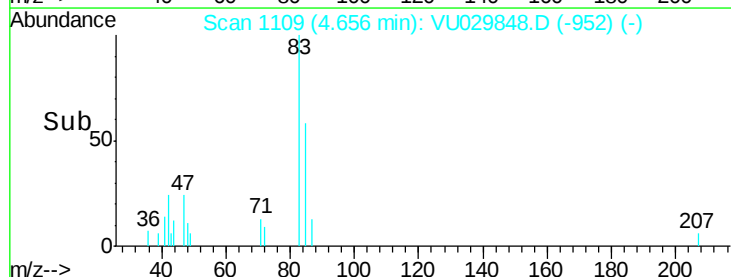
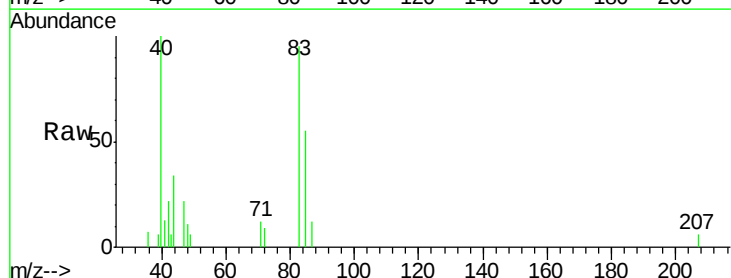
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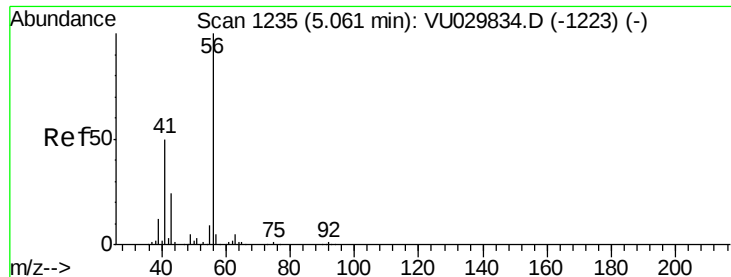
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#41
Tetrahydrofuran
Concen: 0.452 ug/l m
RT: 4.66 min Scan# 1109
Delta R.T. 0.01 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

Tgt Ion	Ratio	Lower	Upper
42	100		
72	33.5	43.6	65.4#
71	37.2	37.5	56.3#





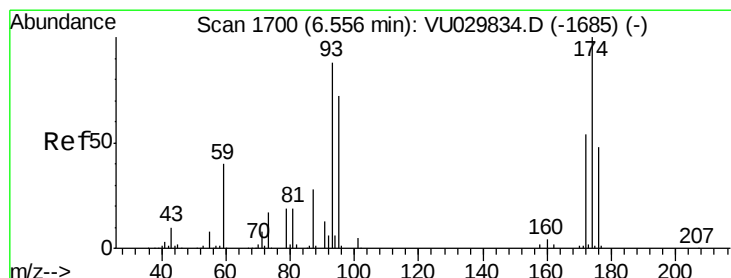
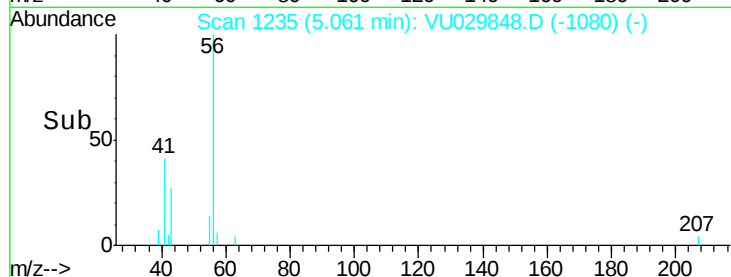
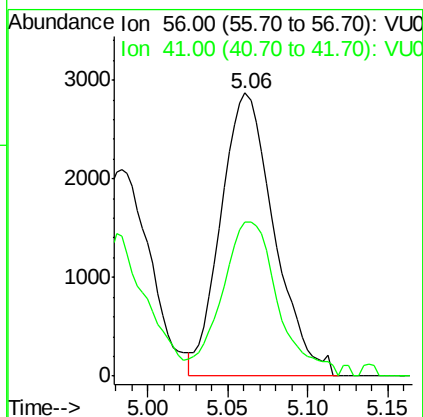
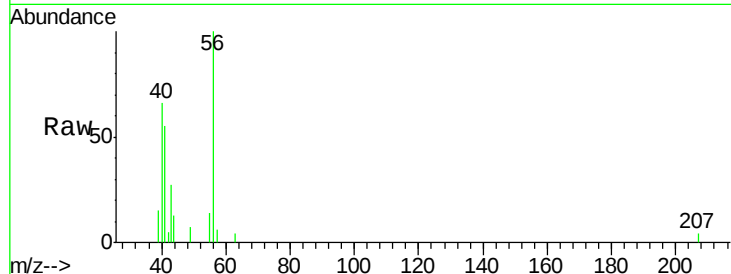
#42
1-Chlorobutane
Concen: 0.236 ug/l
RT: 5.06 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

Instrument :
MSVOA_U
ClientSampled :
MDL05

Tot Ion: 56 Resp: 6567
Ion Ratio Lower Upper
56 100
41 57.0 25.0 75.0

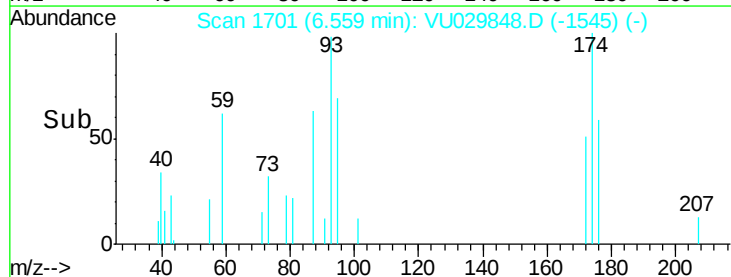
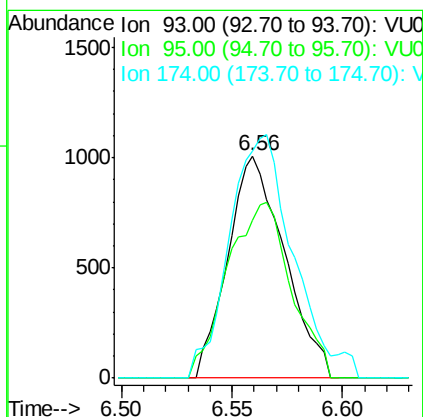
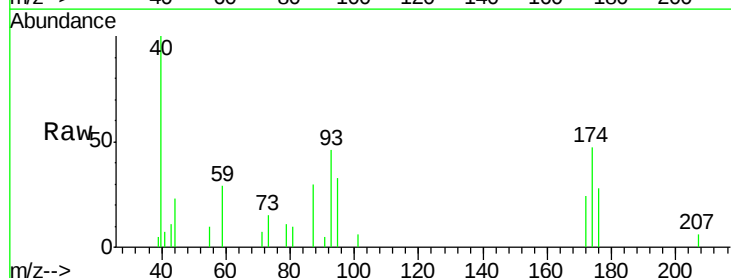
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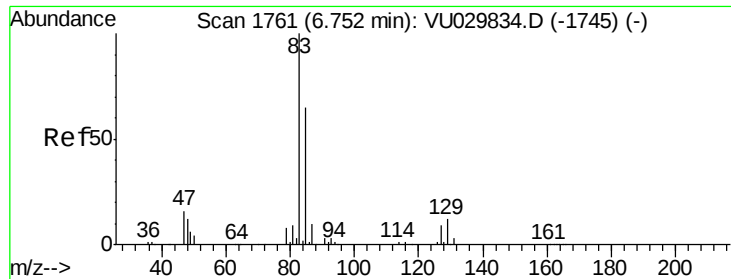
MMDadoda
3/11/2019 6:48:28 PM



#43
Dibromomethane
Concen: 0.213 ug/l
RT: 6.56 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

Tgt Ion: 93 Resp: 1794
Ion Ratio Lower Upper
93 100
95 89.1 67.0 100.6
174 123.9 91.4 137.2





#44

Bromodichloromethane

Concen: 0.230 ug/l

RT: 6.76 min Scan# 1763

Delta R.T. 0.01 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

Instrument :

MSVOA_U

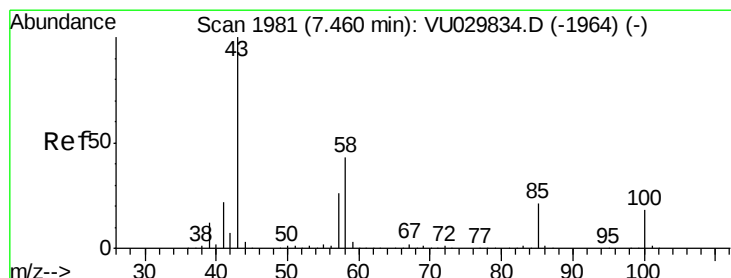
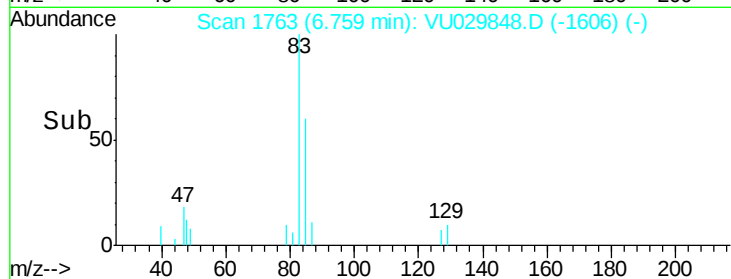
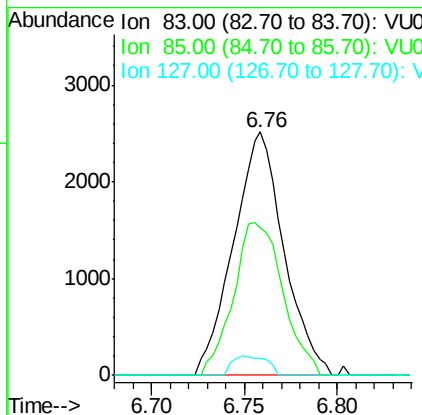
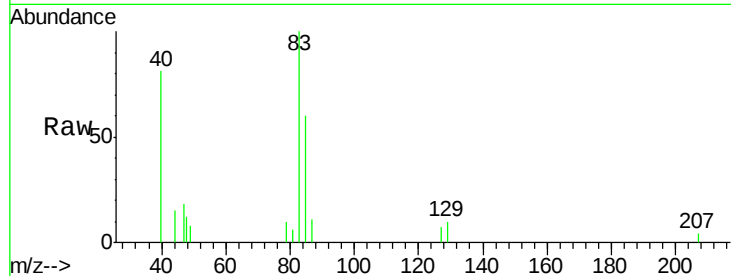
ClientSampleId :

MDL05

Tot Ion	83	Resp	4758
Ion	Ratio	Lower	Upper
83	100		
85	60.4	51.7	77.5
127	7.0	7.4	11.2#

Manual Integrations
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MMDadoda
3/11/2019 6:48:28 PM



#45

4-Methyl-2-Pentanone

Concen: 1.029 ug/l

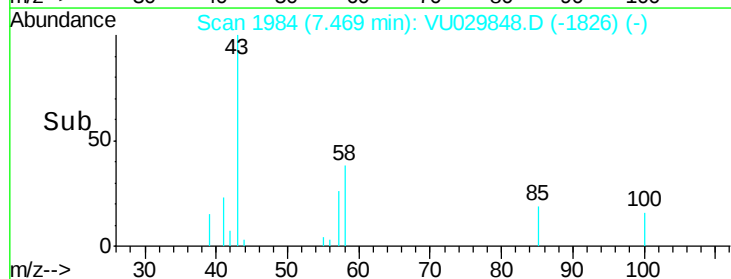
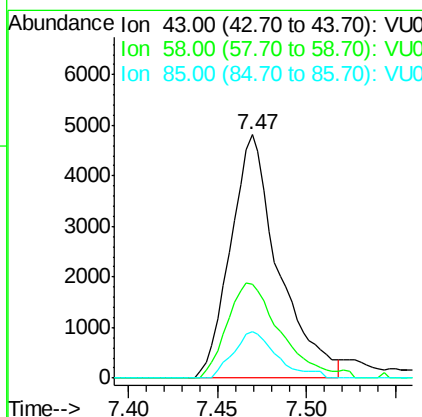
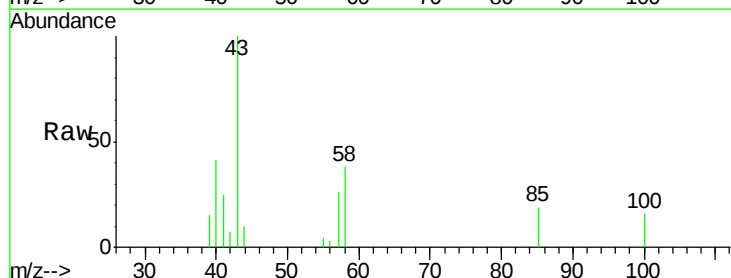
RT: 7.47 min Scan# 1984

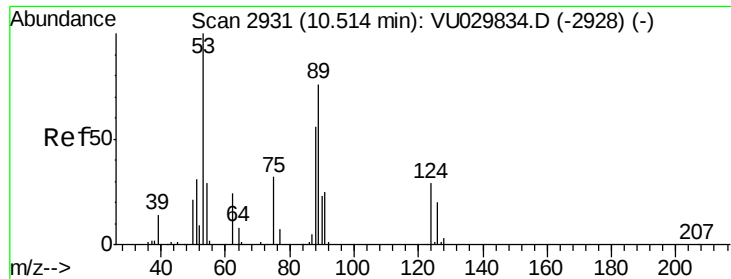
Delta R.T. 0.01 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

Tgt Ion	43	Resp	9024
Ion	Ratio	Lower	Upper
43	100		
58	42.6	21.6	65.0
85	17.4	16.5	24.7





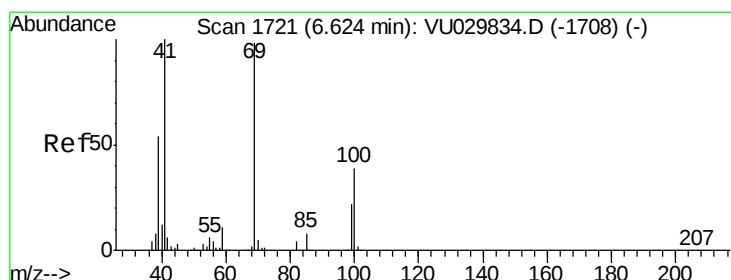
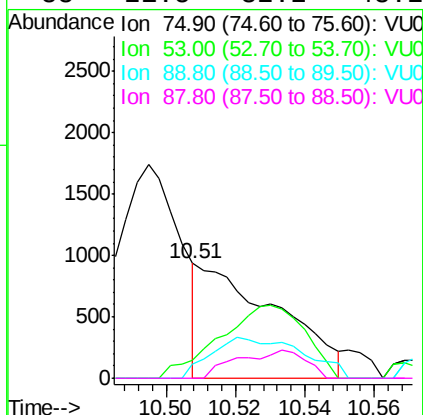
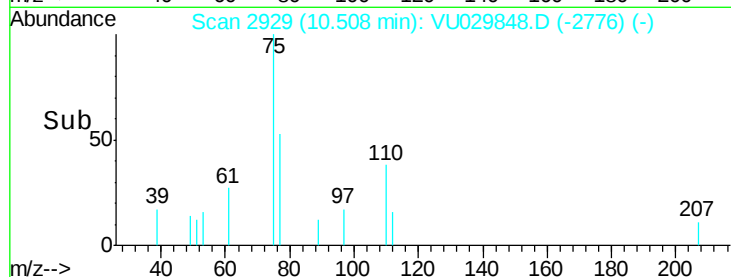
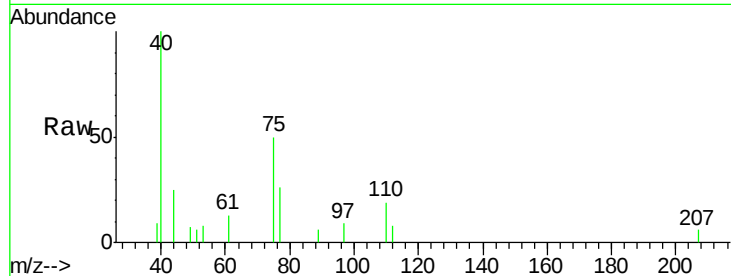
#46
t-1,4-Dichloro-2-butene
Concen: 0.393 ug/l m
RT: 10.51 min Scan# 2929
Delta R.T. -0.01 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

Instrument :
MSVOA_U
ClientSampled :
MDL05

Tot Ion	Ratio	Lower	Upper
75	100		
53	70.3	59.2	88.8
89	41.9	44.9	67.3#
88	21.5	32.2	48.2#

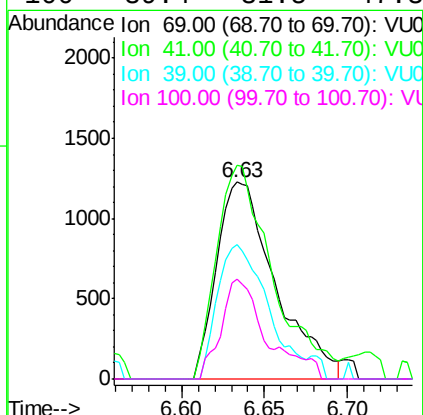
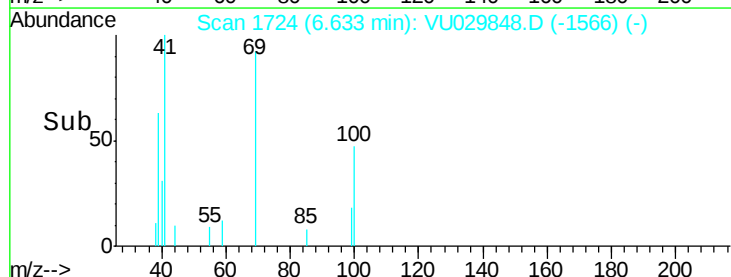
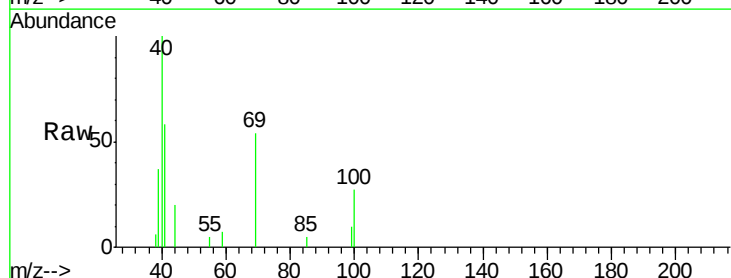
Manual Integrations
APPROVED

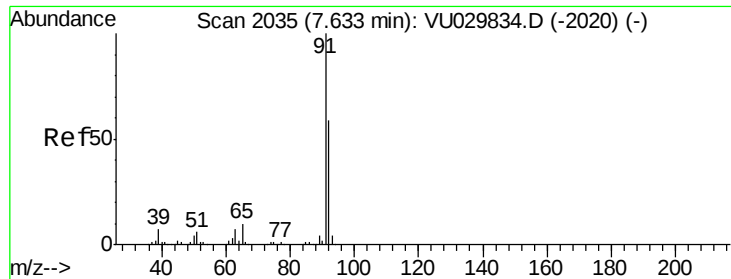
MMDadoda
3/11/2019 6:48:28 PM



#47
Methyl methacrylate
Concen: 0.421 ug/l
RT: 6.63 min Scan# 1724
Delta R.T. 0.01 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

Tgt Ion	Ratio	Lower	Upper
69	100		
41	103.8	0.0	201.0
39	58.1	43.3	64.9
100	39.4	31.5	47.3





#49

Toluene

Concen: 0.217 ug/l

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tot Ion: 92 Resp: 8521

Ion Ratio Lower Upper

92 100

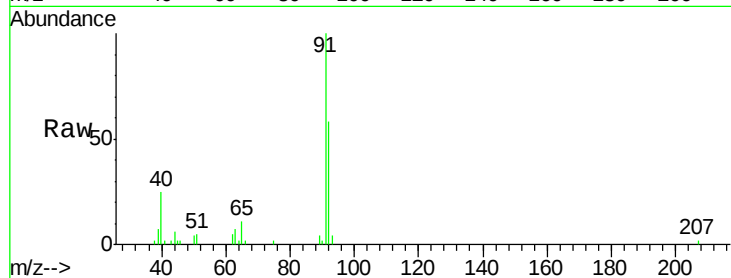
91 180.6 137.8 206.8

Manual Integrations

APPROVED

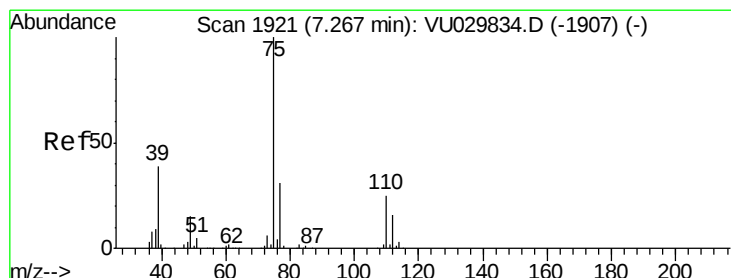
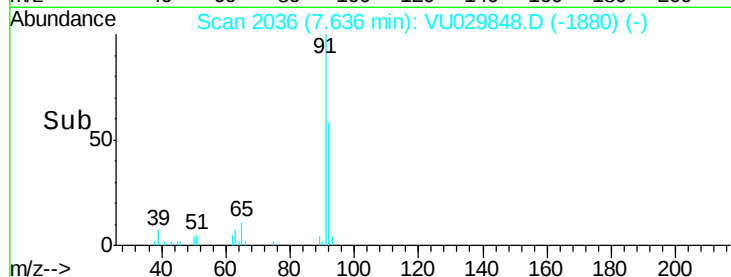
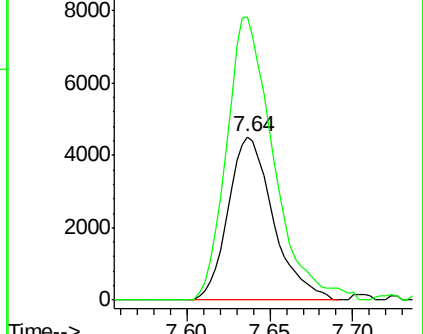
MMDadoda

3/11/2019 6:48:28 PM



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#51

cis-1,3-Dichloropropene

Concen: 0.226 ug/l

RT: 7.28 min Scan# 1924

Delta R.T. 0.01 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

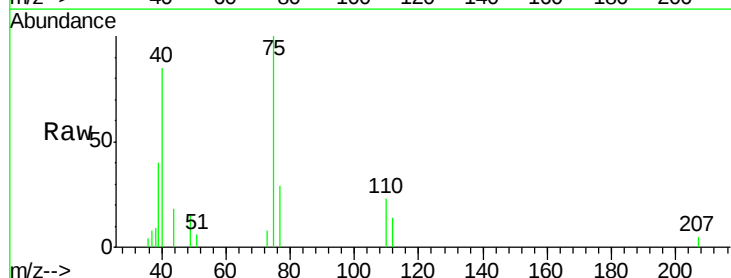
Tgt Ion: 75 Resp: 5058

Ion Ratio Lower Upper

75 100

77 28.6 24.9 37.3

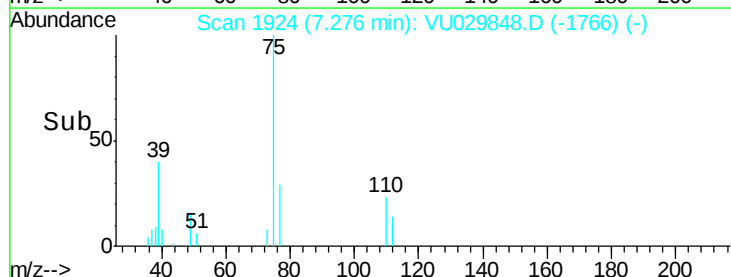
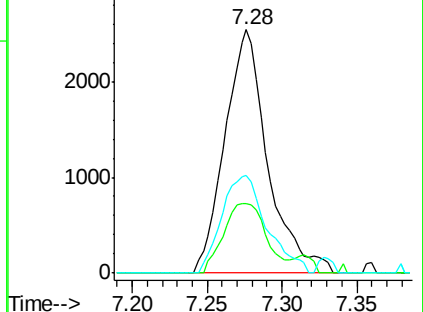
39 40.3 30.8 46.2

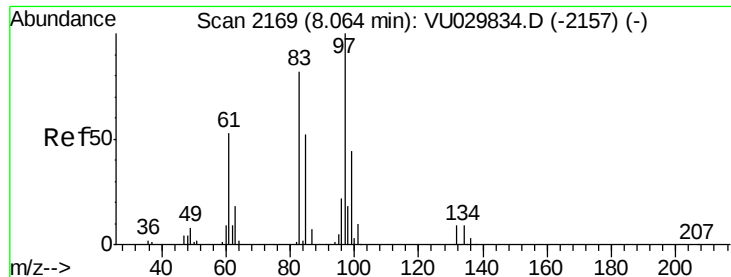


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 39.00 (38.70 to 39.70): VU0





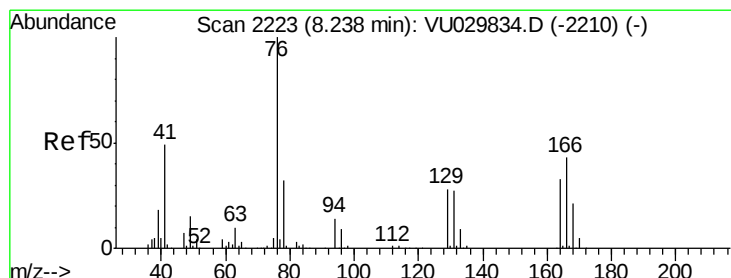
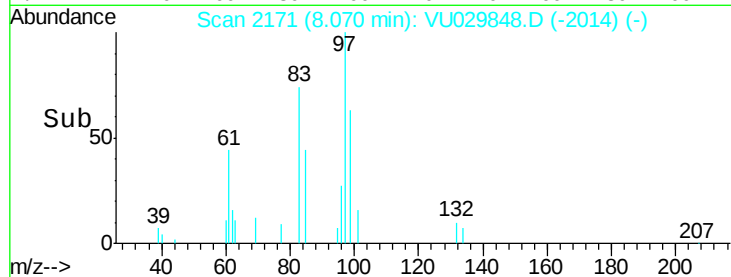
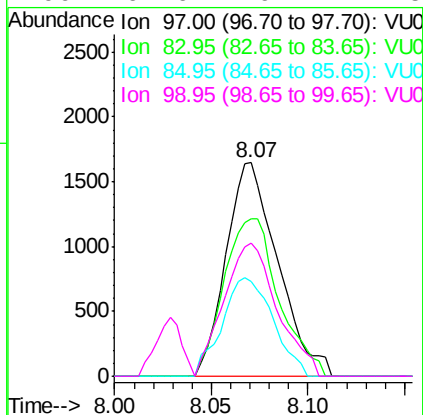
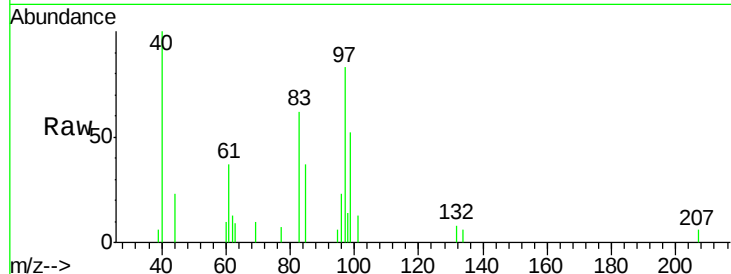
#52
 1,1,2-Trichloroethane
 Concen: 0.246 ug/l
 RT: 8.07 min Scan# 2171
 Delta R.T. 0.01 min
 Lab File: VU029848.D
 Acq: 07 Mar 2019 11:43

Instrument :
 MSVOA_U
 ClientSampleID :
 MDL05

Tot Ion:	97	Resp:	3056
Ion	Ratio	Lower	Upper
97	100		
83	73.9	65.9	98.9
85	44.4	43.0	64.6
99	62.6	49.7	74.5

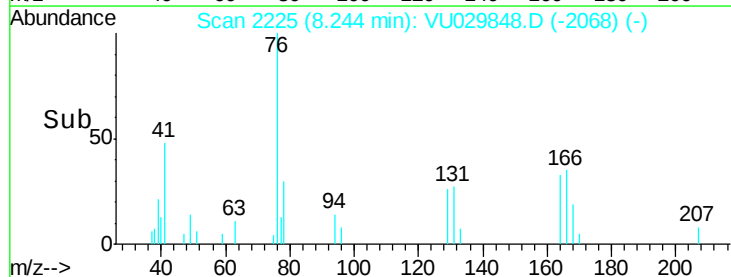
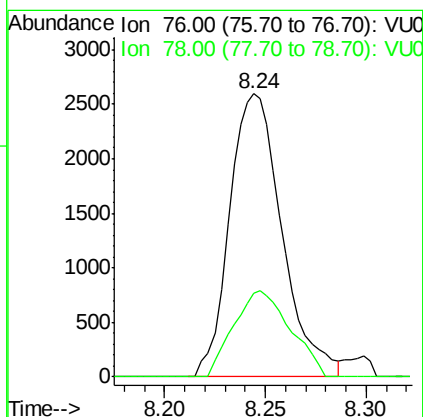
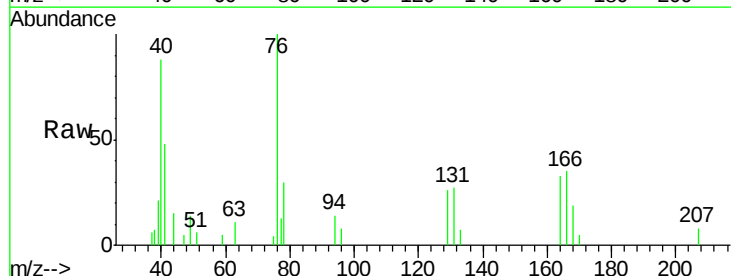
Manual Integrations
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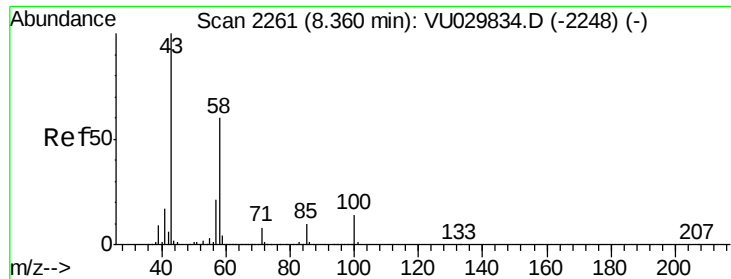
MMDadoda
 3/11/2019 6:48:28 PM



#53
 1,3-Dichloropropane
 Concen: 0.231 ug/l
 RT: 8.24 min Scan# 2225
 Delta R.T. 0.01 min
 Lab File: VU029848.D
 Acq: 07 Mar 2019 11:43

Tgt Ion:	76	Resp:	4716
Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.7	38.5





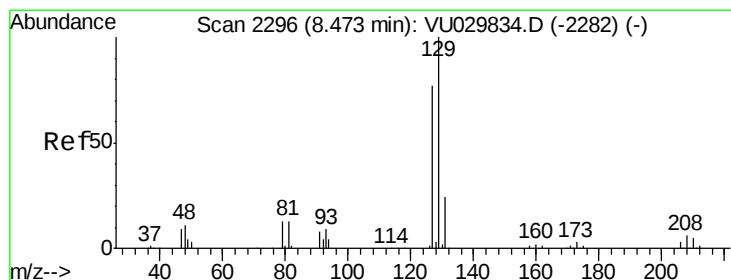
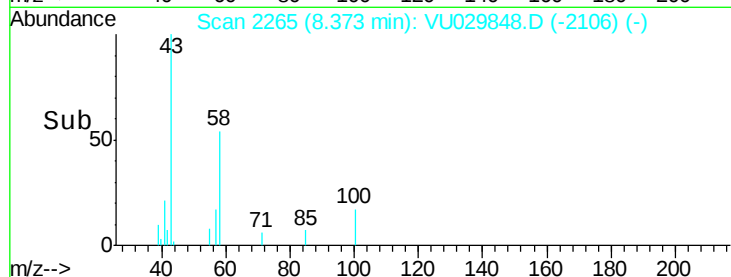
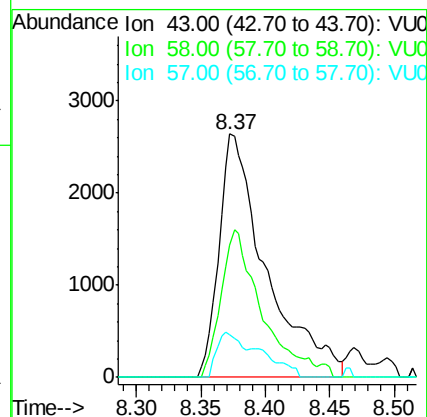
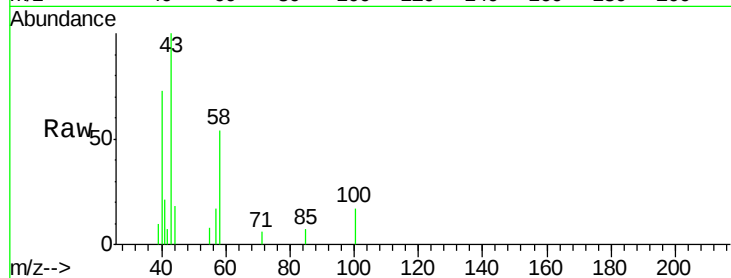
#54
2-Hexanone
Concen: 1.099 ug/l
RT: 8.37 min Scan# 2265
Delta R.T. 0.01 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

Instrument :
MSVOA_U
ClientSampled :
MDL05

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.0	39.6	79.6
57	9.7	0.5	40.5

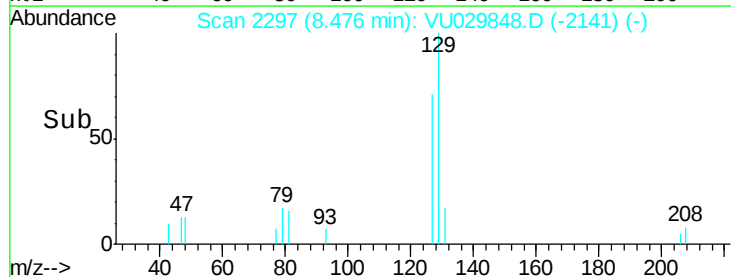
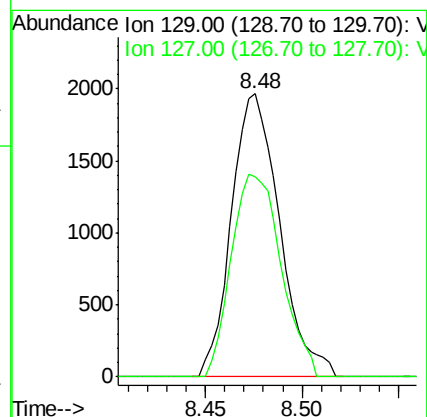
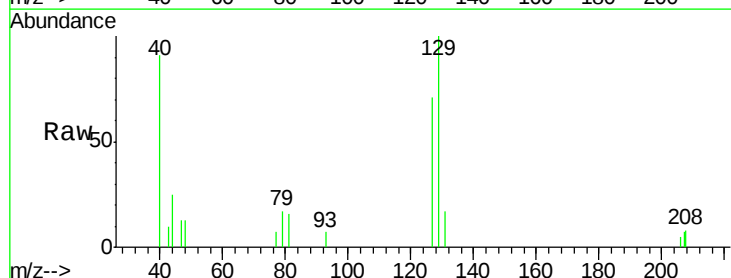
Manual Integrations
APPROVED

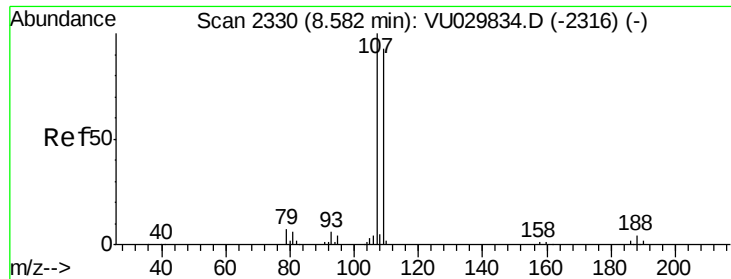
MMDadoda
3/11/2019 6:48:28 PM



#55
Dibromochloromethane
Concen: 0.231 ug/l
RT: 8.48 min Scan# 2297
Delta R.T. 0.00 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

Tgt Ion	Ratio	Lower	Upper
129	100		
127	73.8	61.6	92.4





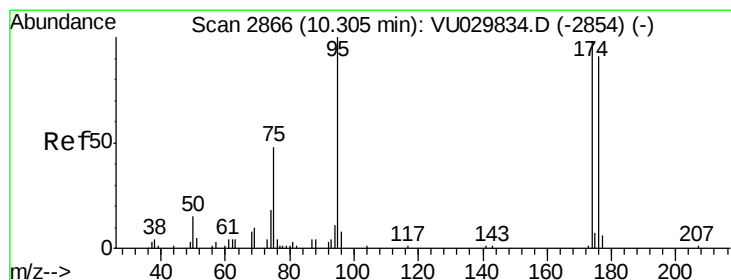
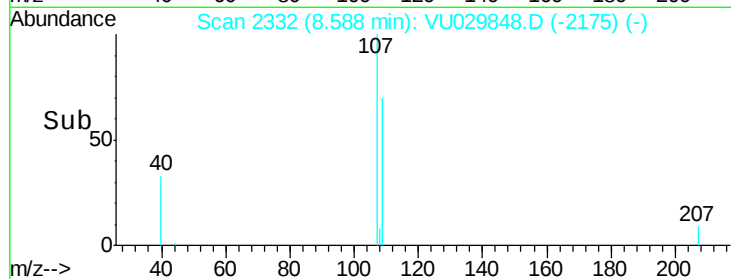
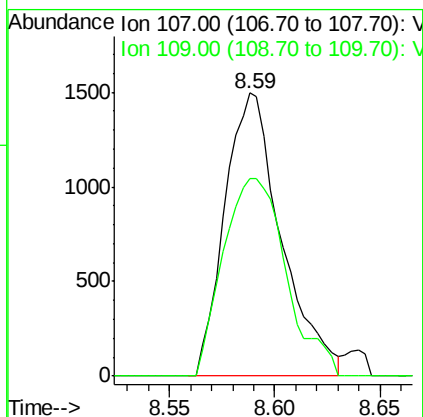
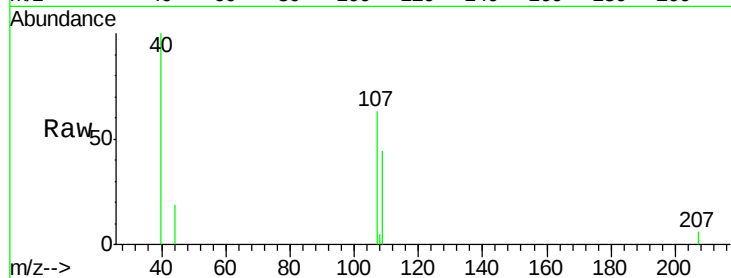
#56
1,2-Dibromoethane
Concen: 0.236 ug/l
RT: 8.59 min Scan# 2332
Delta R.T. 0.01 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tot Ion	Ratio	Lower	Upper
107	100		
109	77.9	0.0	188.4

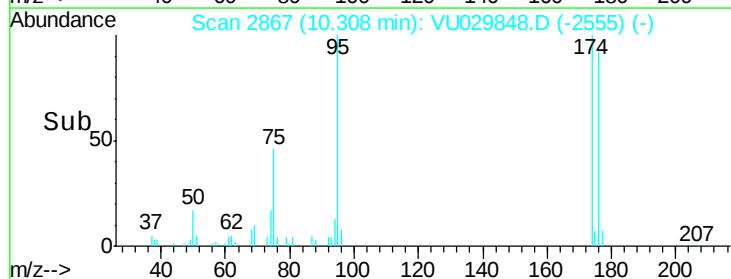
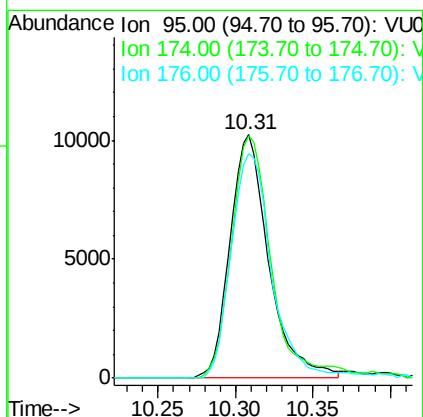
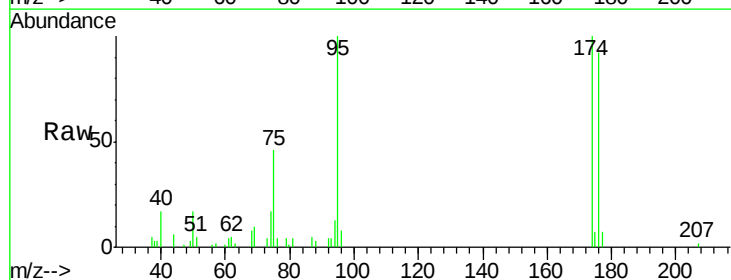
Manual Integrations
APPROVED

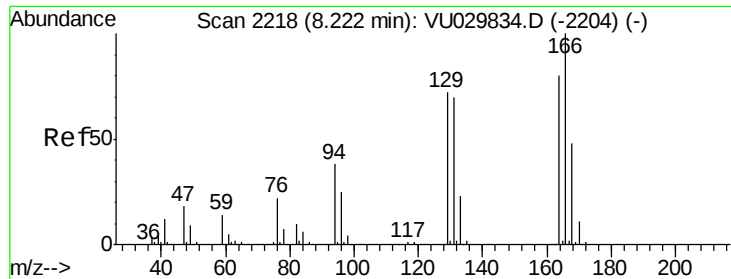
MMDadoda
3/11/2019 6:48:28 PM



#57
4-Bromofluorobenzene
Concen: 0.236 ug/l
RT: 10.31 min Scan# 2867
Delta R.T. 0.00 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

Tgt Ion	Ratio	Lower	Upper
95	100		
174	102.4	76.5	114.7
176	97.5	74.2	111.2





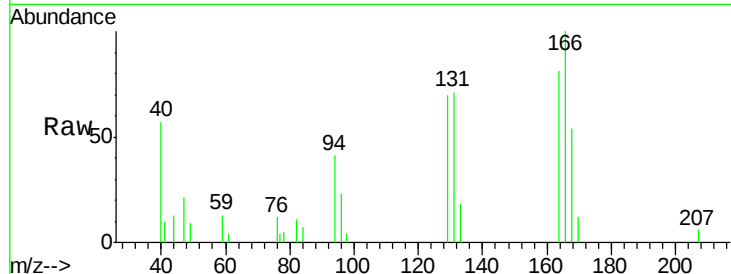
#58
Tetrachloroethene
Concen: 0.246 ug/l
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

Instrument :
MSVOA_U
ClientSampled :
MDL05

Tot Ion	Ratio	Lower	Upper
164	100		
166	123.5	100.5	150.7
129	85.9	72.3	108.5
131	88.2	70.0	105.0

Manual Integrations
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MMDadoda
3/11/2019 6:48:28 PM



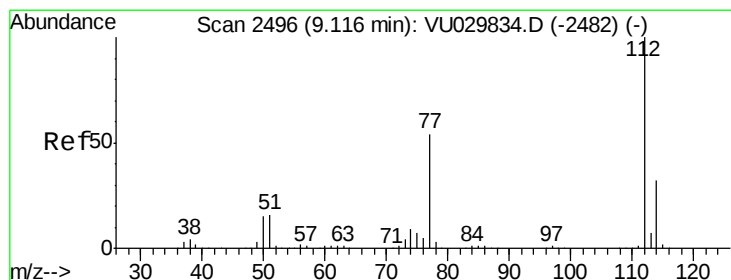
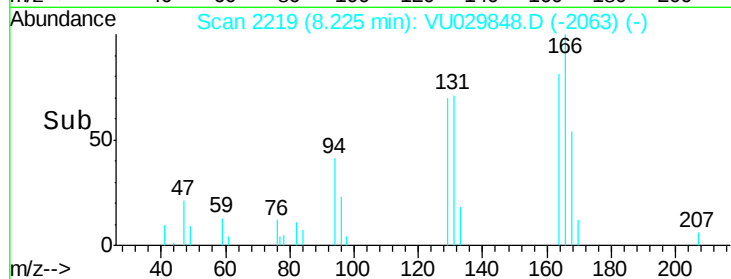
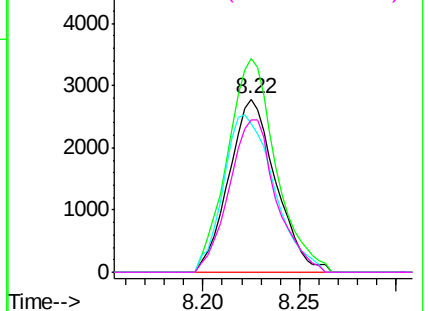
Abundance

Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

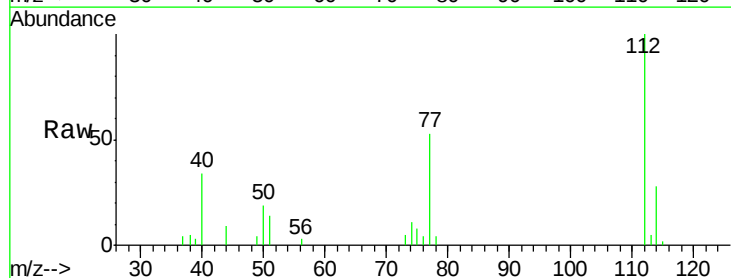
Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#59
Chlorobenzene
Concen: 0.242 ug/l
RT: 9.12 min Scan# 2497
Delta R.T. 0.00 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

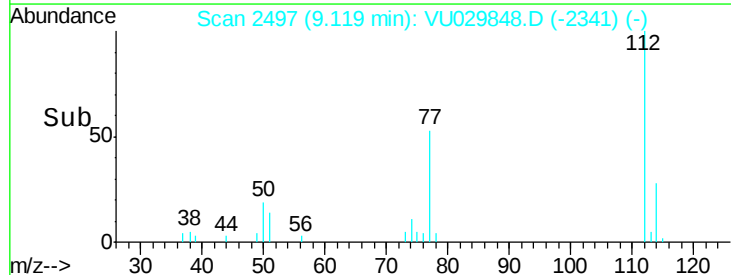
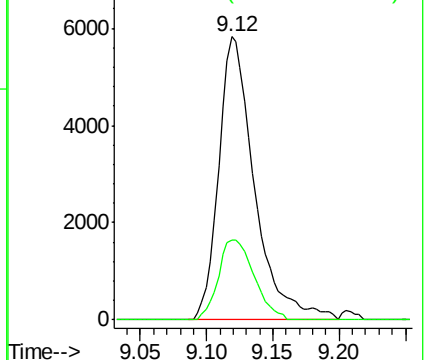
Tgt Ion	Ratio	Lower	Upper
112	100		
114	28.2	25.4	38.2

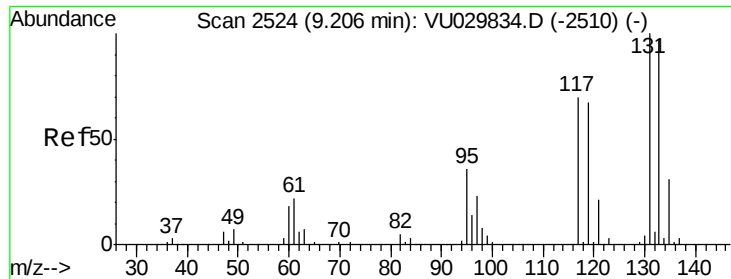


Abundance

Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





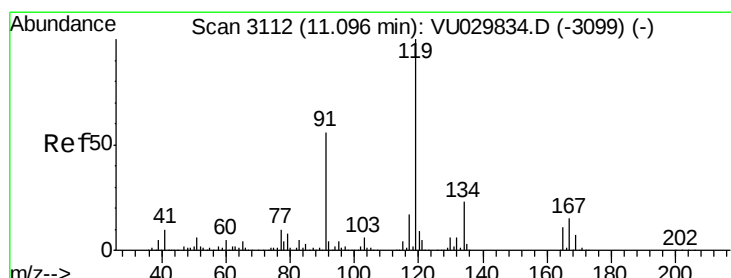
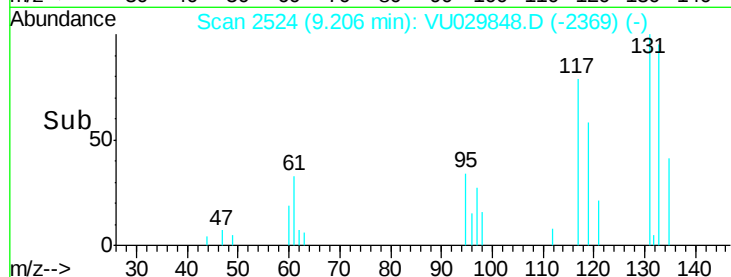
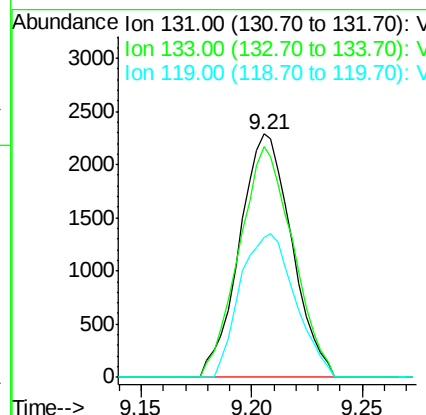
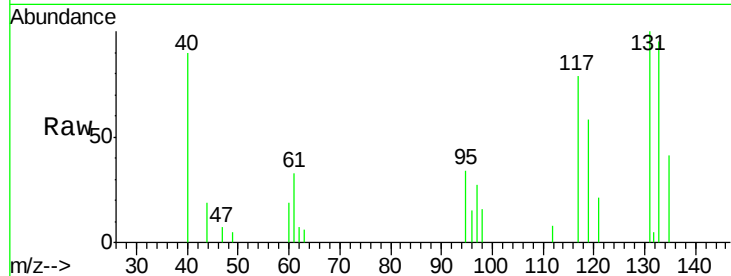
#60
 1,1,1,2-Tetrachloroethane
 Concen: 0.232 ug/l
 RT: 9.21 min Scan# 2524
 Delta R.T. -0.00 min
 Lab File: VU029848.D
 Acq: 07 Mar 2019 11:43

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

Tot Ion	Ratio	Lower	Upper
131	100		
133	97.4	76.4	114.6
119	61.9	54.2	81.4

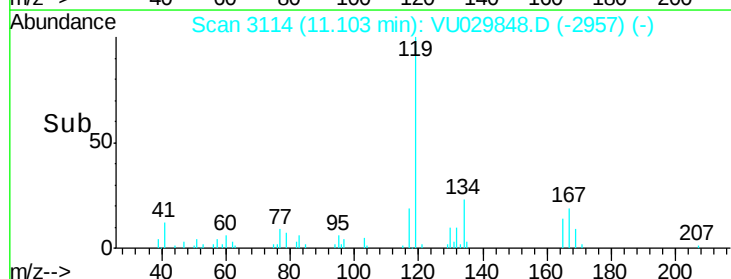
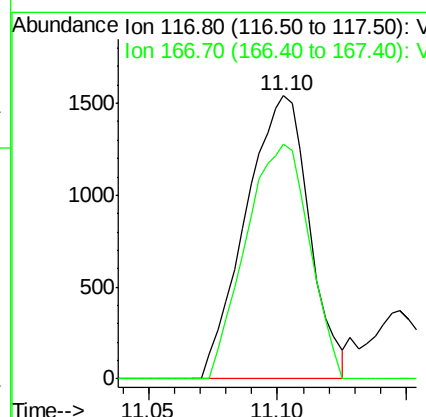
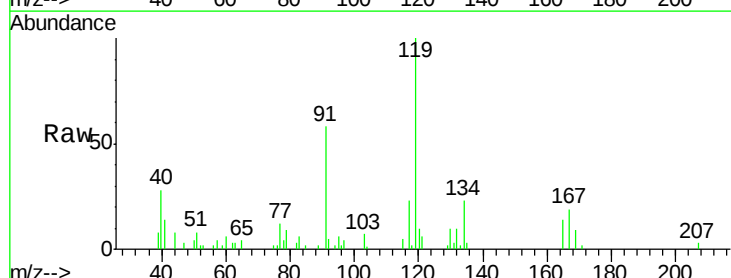
Manual Integrations
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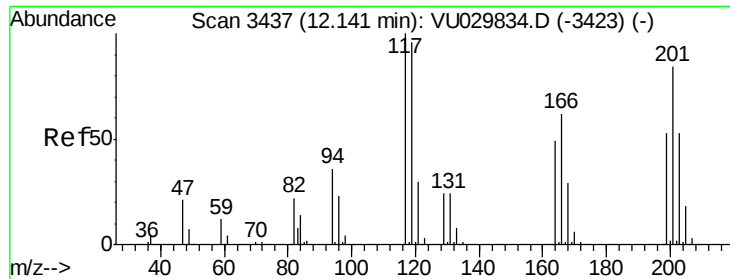
MMDadoda
 3/11/2019 6:48:28 PM



#61
 Pentachloroethane
 Concen: 0.235 ug/l
 RT: 11.10 min Scan# 3114
 Delta R.T. 0.01 min
 Lab File: VU029848.D
 Acq: 07 Mar 2019 11:43

Tgt Ion	Ratio	Lower	Upper
117	100		
167	82.6	71.4	107.2





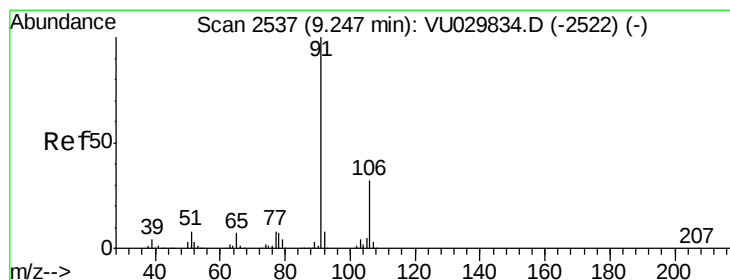
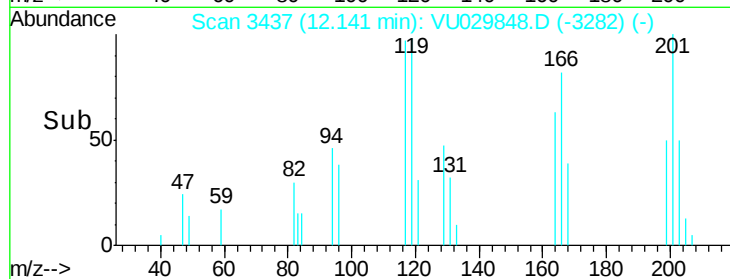
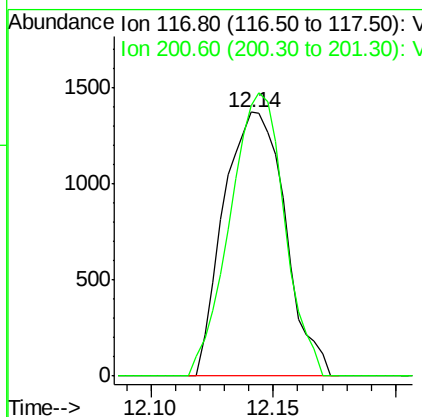
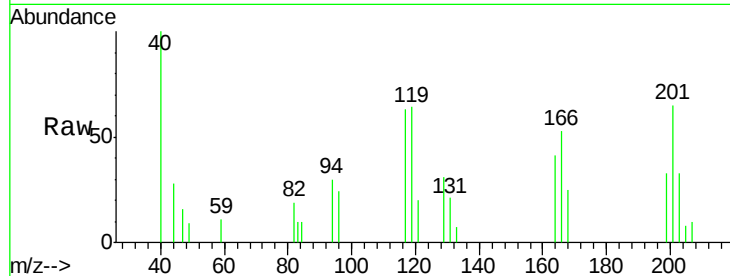
#62
Hexachloroethane
Concen: 0.202 ug/l
RT: 12.14 min Scan# 3437
Delta R.T. -0.00 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tot Ion: 117 Resp: 2401
Ion Ratio Lower Upper
117 100
201 95.3 68.2 102.2

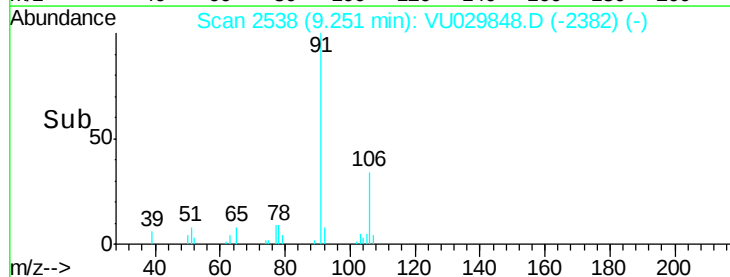
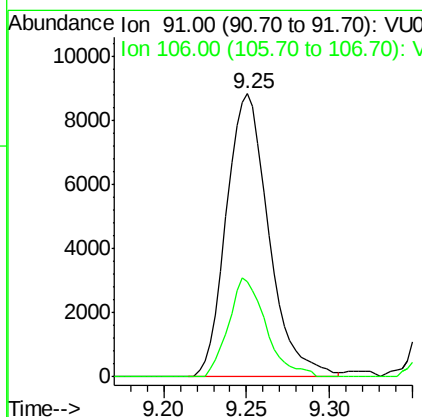
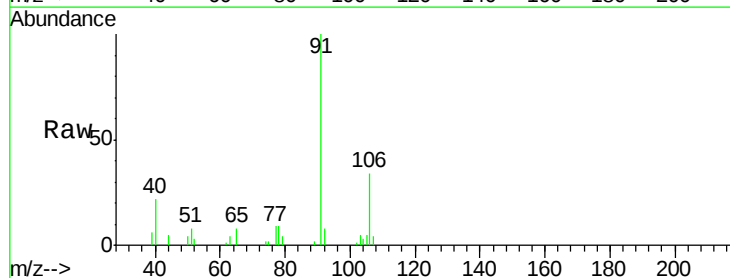
Manual Integrations
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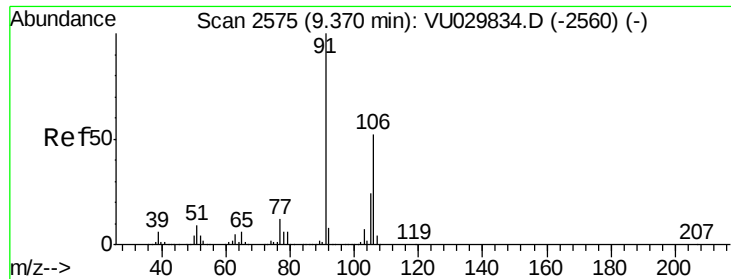
MMDadoda
3/11/2019 6:48:28 PM



#63
Ethyl Benzene
Concen: 0.212 ug/l
RT: 9.25 min Scan# 2538
Delta R.T. 0.00 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

Tgt Ion: 91 Resp: 15707
Ion Ratio Lower Upper
91 100
106 33.6 25.7 38.5





#64

m/p-Xylenes

Concen: 0.394 ug/l

RT: 9.37 min Scan# 2576

Delta R.T. 0.00 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tot Ion:106 Resp: 11540

Ion Ratio Lower Upper

106 100

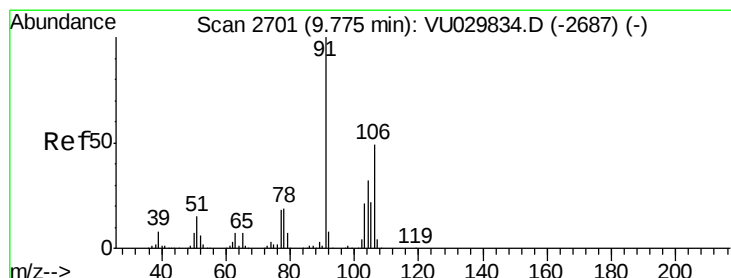
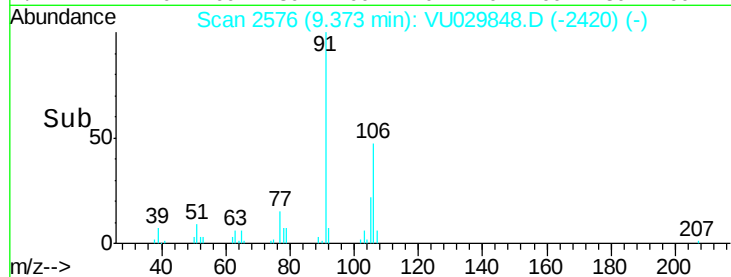
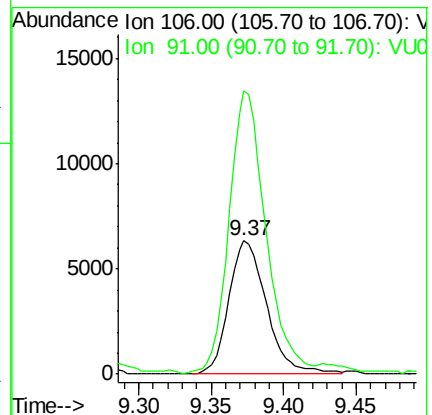
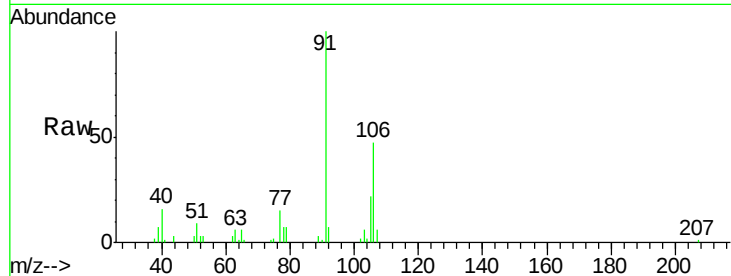
91 206.0 155.3 232.9

Manual Integrations

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#65

o-Xylene

Concen: 0.208 ug/l

RT: 9.78 min Scan# 2702

Delta R.T. 0.00 min

Lab File: VU029848.D

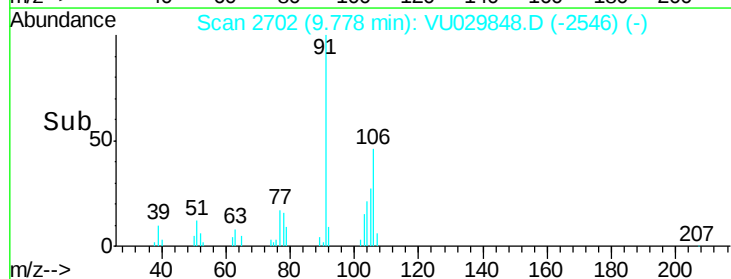
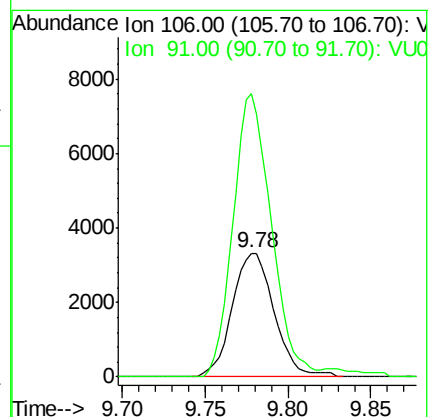
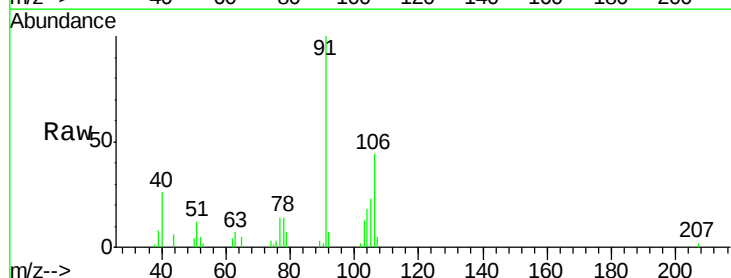
Acq: 07 Mar 2019 11:43

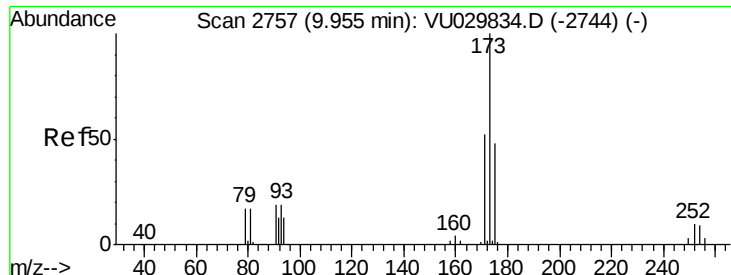
Tgt Ion:106 Resp: 5857

Ion Ratio Lower Upper

106 100

91 208.5 102.8 308.3





#67

Bromoform

Concen: 0.202 ug/l

RT: 9.96 min Scan# 2758

Delta R.T. 0.00 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

Instrument :

MSVOA_U

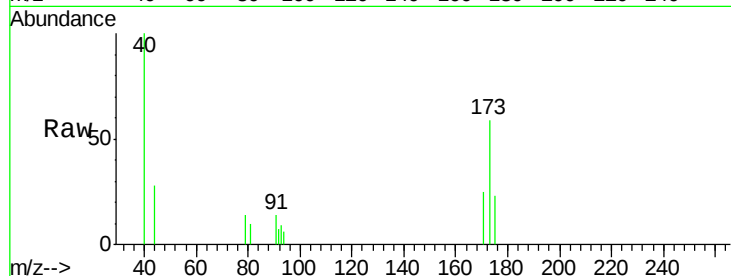
ClientSampleId :

MDL05

Tot Ion	Ratio	Lower	Upper
173	100		
175	41.0	38.6	57.8
254	2.4	7.4	11.2#

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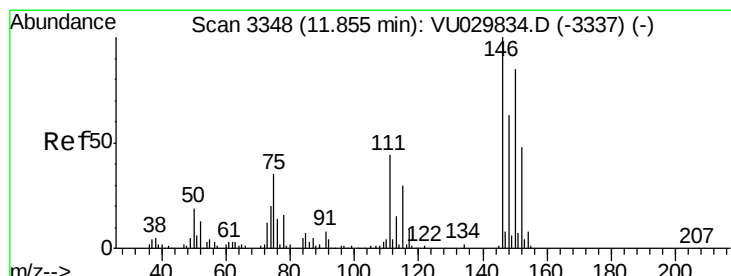
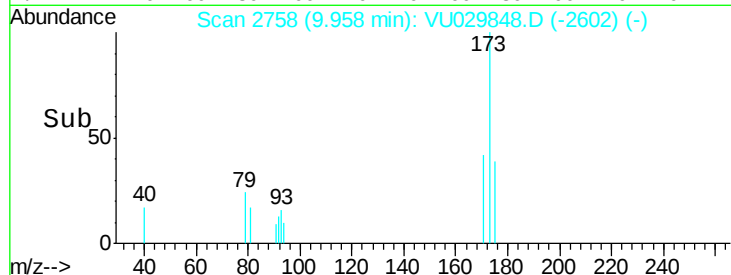
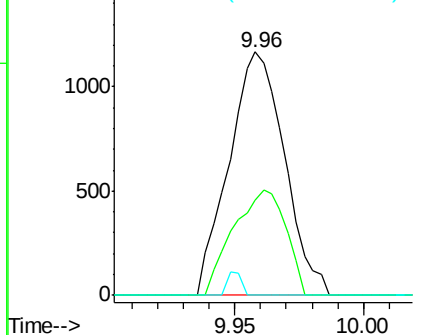


Abundance

Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V



#68

1,2-Dichlorobenzene-d4

Concen: 0.202 ug/l

RT: 11.86 min Scan# 3349

Delta R.T. 0.00 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

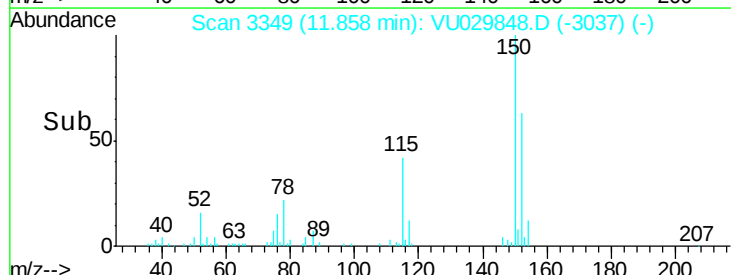
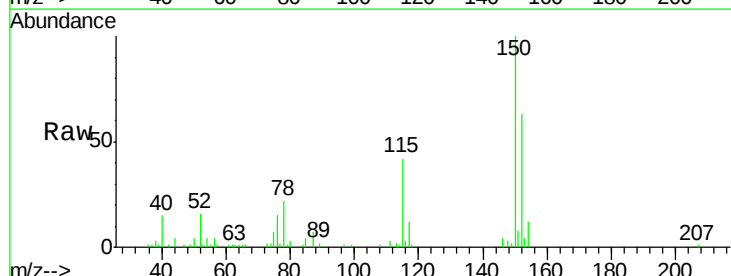
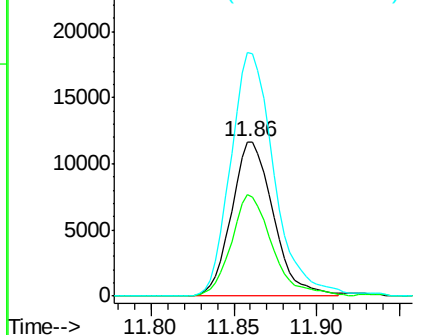
Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.2	0.0	124.0
150	163.9	0.0	631.2

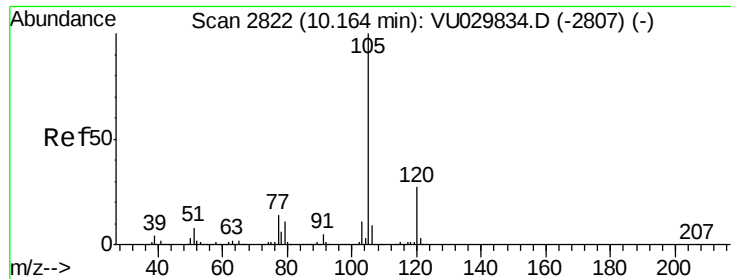
Abundance

Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 0.206 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. -0.00 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tot Ion:105 Resp: 15367

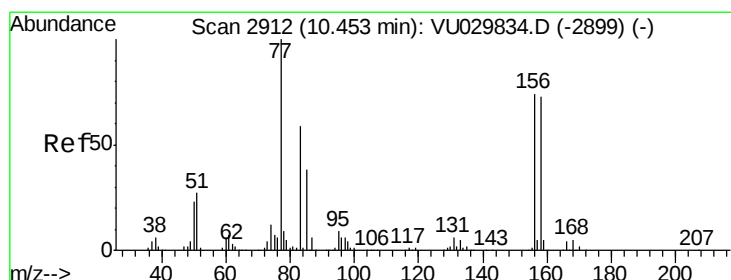
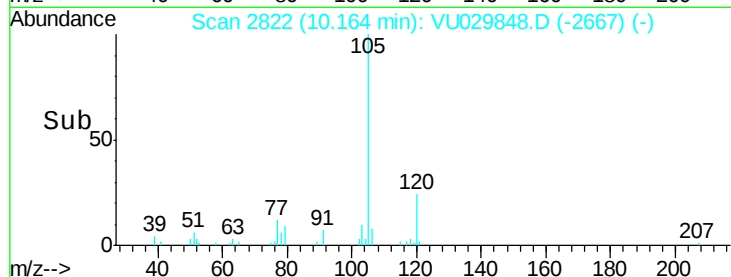
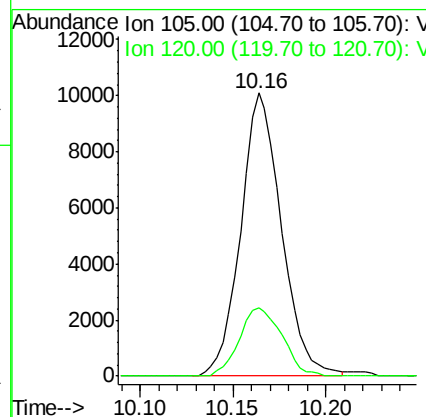
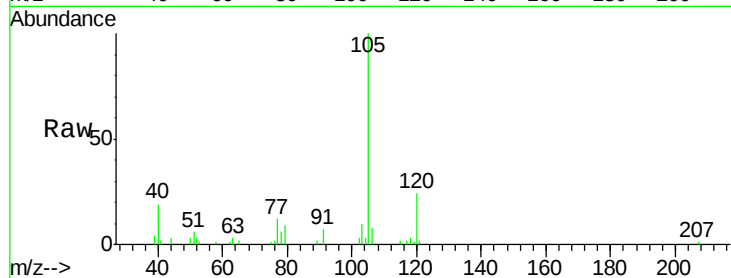
Ion Ratio Lower Upper

105 100

120 25.3 13.5 40.5

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#70

1,1,2,2-Tetrachloroethane

Concen: 0.229 ug/l

RT: 10.46 min Scan# 2913

Delta R.T. 0.00 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

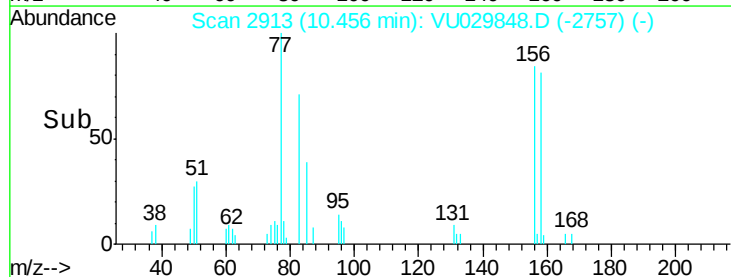
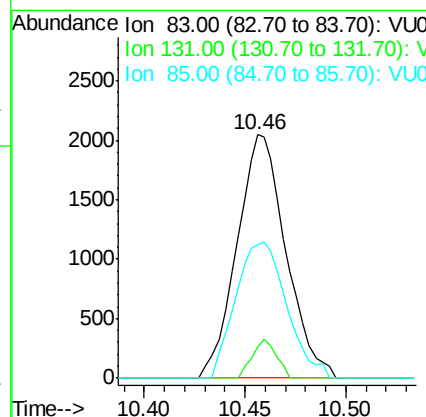
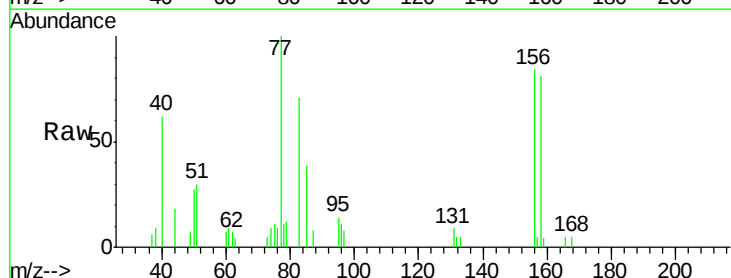
Tgt Ion: 83 Resp: 3469

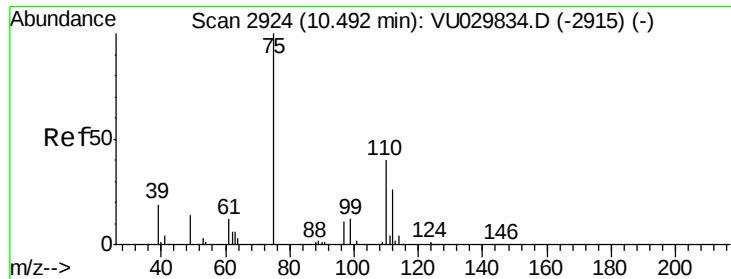
Ion Ratio Lower Upper

83 100

131 7.9 8.3 12.5#

85 58.2 52.5 78.7





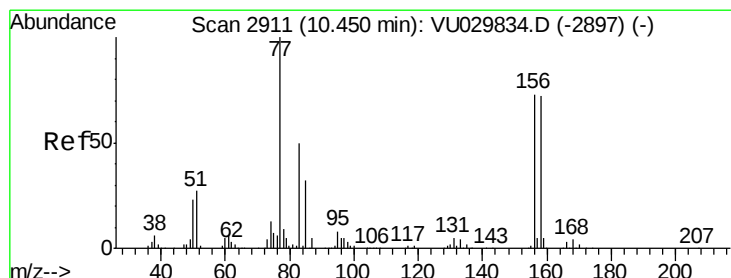
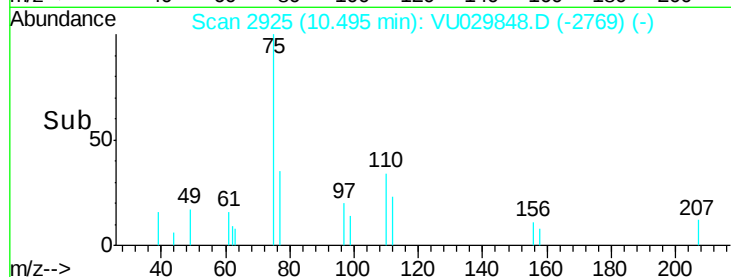
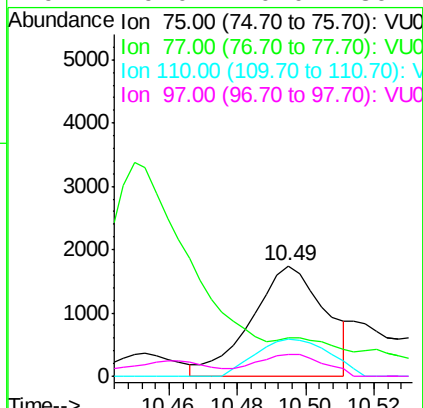
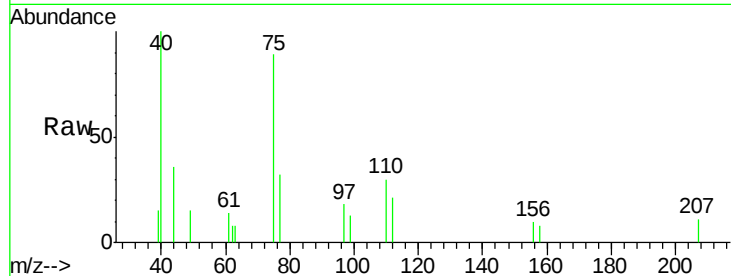
#71
 1,2,3-Trichloropropane
 Concen: 0.230 ug/l m
 RT: 10.49 min Scan# 2925
 Delta R.T. 0.00 min
 Lab File: VU029848.D
 Acq: 07 Mar 2019 11:43

Instrument :
 MSVOA_U
 ClientSampled :
 MDL05

Tot Ion	Ratio	Lower	Upper
75	100		
77	26.5	0.0	16.4#
110	33.8	0.0	74.8
97	19.0	0.0	39.4

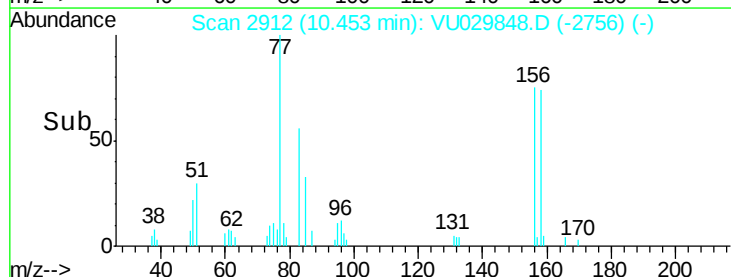
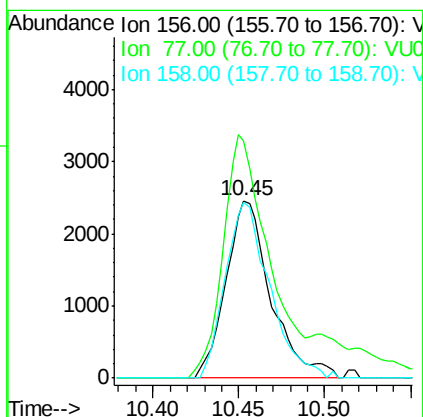
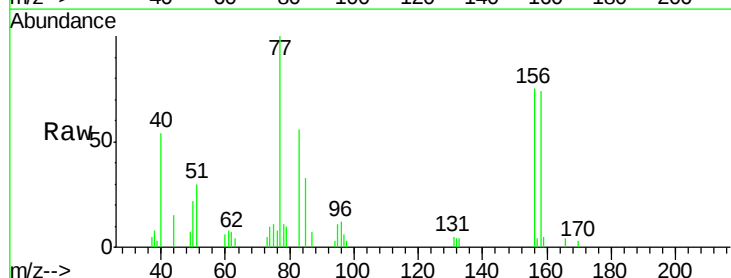
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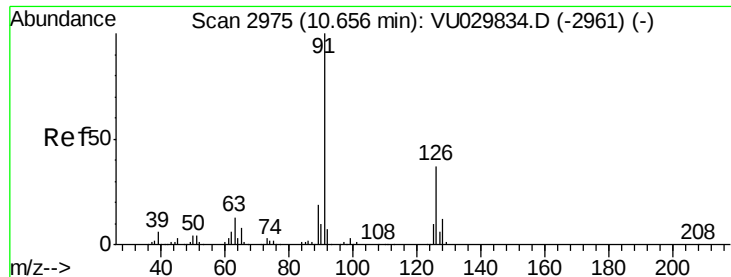
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#72
 Bromobenzene
 Concen: 0.226 ug/l
 RT: 10.45 min Scan# 2912
 Delta R.T. 0.00 min
 Lab File: VU029848.D
 Acq: 07 Mar 2019 11:43

Tgt Ion	Ratio	Lower	Upper
156	100		
77	137.9	0.0	282.2
158	98.0	0.0	196.2





#74

2-Chlorotoluene

Concen: 0.207 ug/l

RT: 10.66 min Scan# 2977

Delta R.T. 0.01 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

Instrument :

MSVOA_U

ClientSampled :

MDL05

Tot Ion:126 Resp: 3844

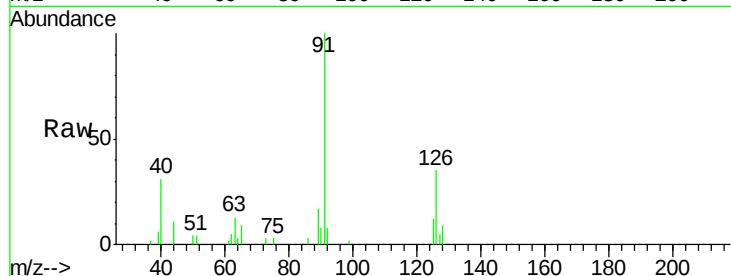
Ion Ratio Lower Upper

126 100

91 294.4 0.0 569.0

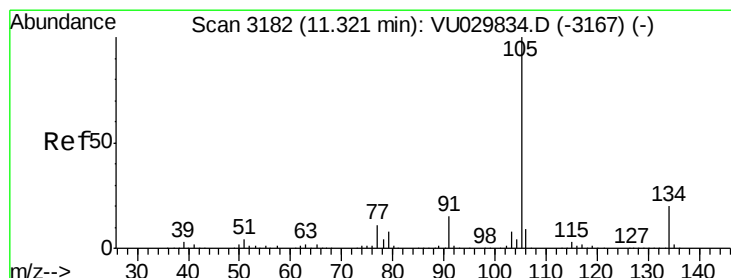
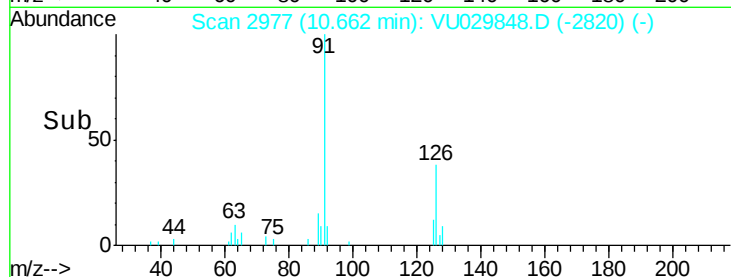
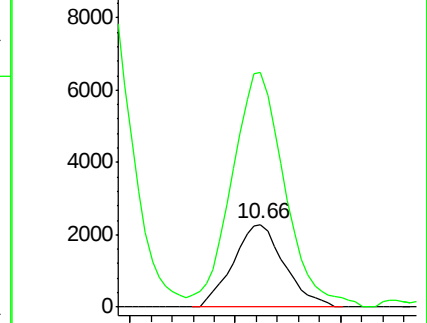
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Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0



#79

sec-Butylbenzene

Concen: 0.204 ug/l

RT: 11.32 min Scan# 3182

Delta R.T. -0.00 min

Lab File: VU029848.D

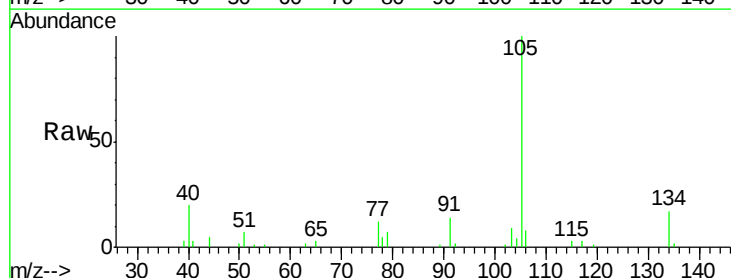
Acq: 07 Mar 2019 11:43

Tgt Ion:105 Resp: 16780

Ion Ratio Lower Upper

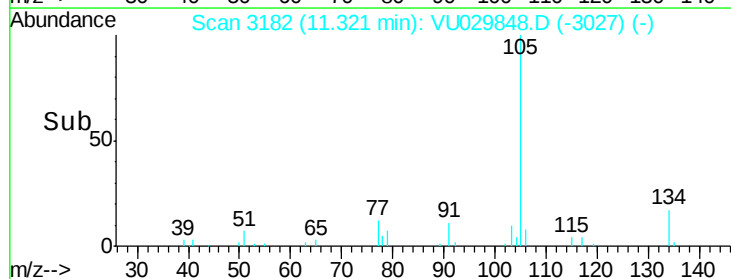
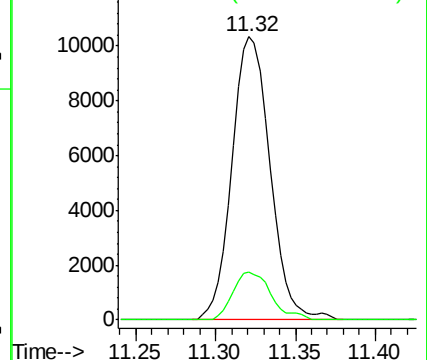
105 100

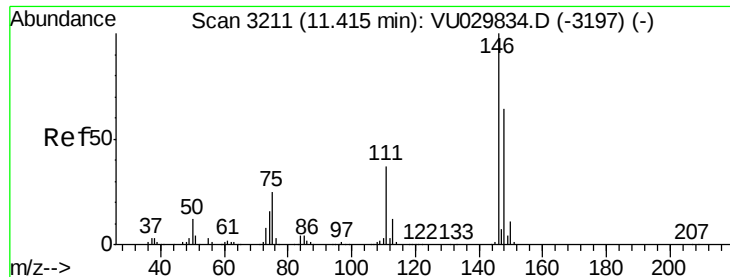
134 16.9 16.3 24.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#82

1,3-Dichlorobenzene

Concen: 0.214 ug/l

RT: 11.42 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tot Ion:146 Resp: 8369

Ion Ratio Lower Upper

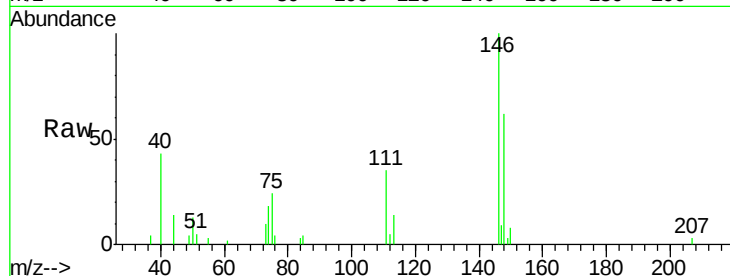
146 100

111 39.7 30.2 45.4

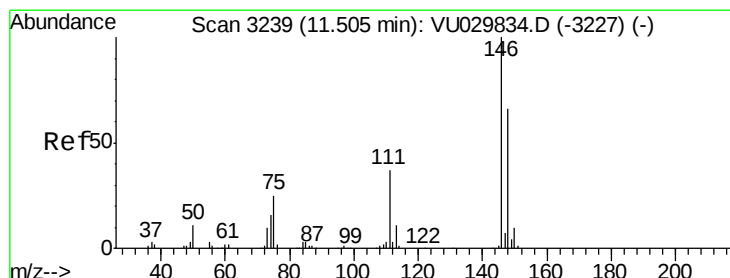
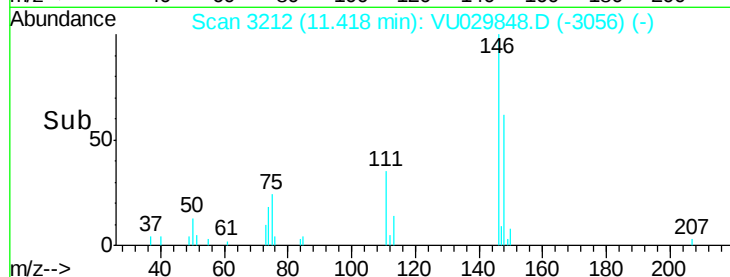
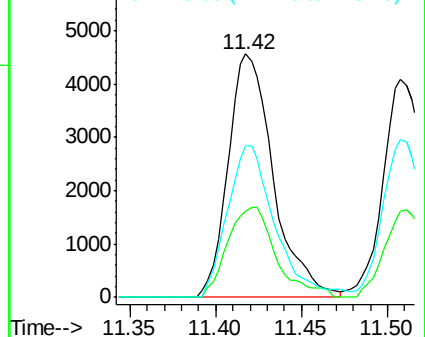
148 65.5 51.2 76.8

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Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



#83

1,4-Dichlorobenzene

Concen: 0.203 ug/l

RT: 11.51 min Scan# 3240

Delta R.T. 0.00 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

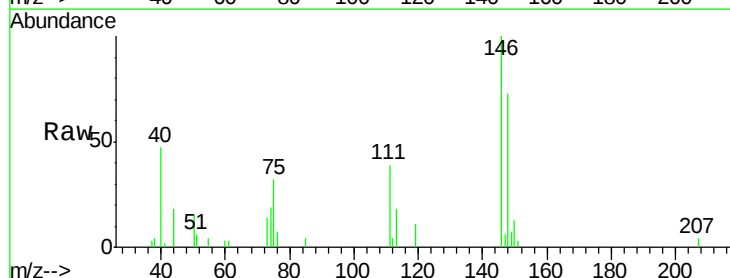
Tgt Ion:146 Resp: 7750

Ion Ratio Lower Upper

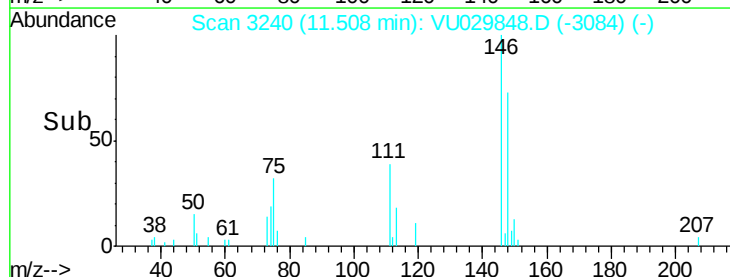
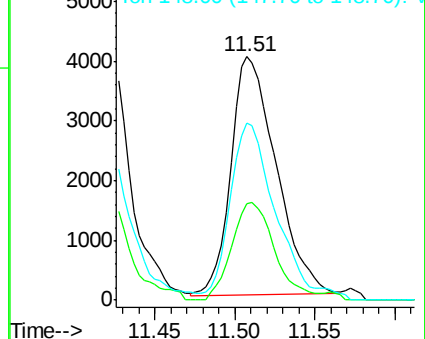
146 100

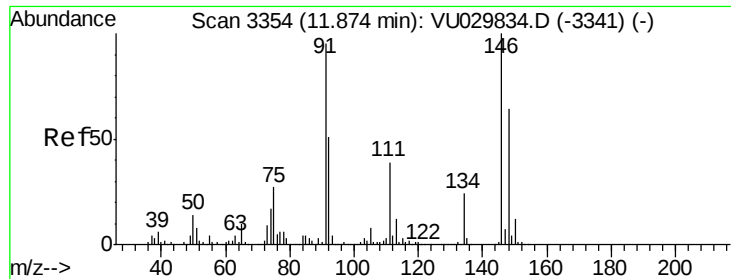
111 38.8 29.4 44.2

148 74.9 51.7 77.5



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V





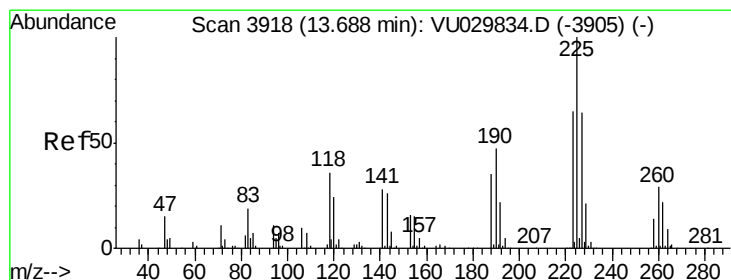
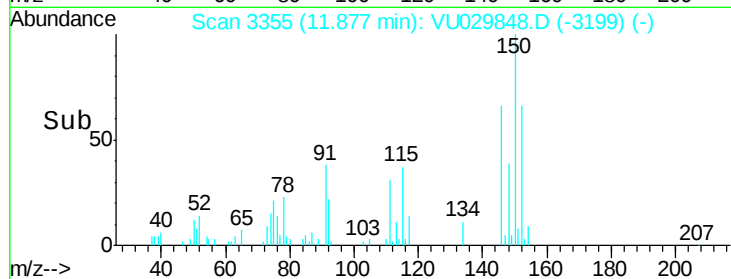
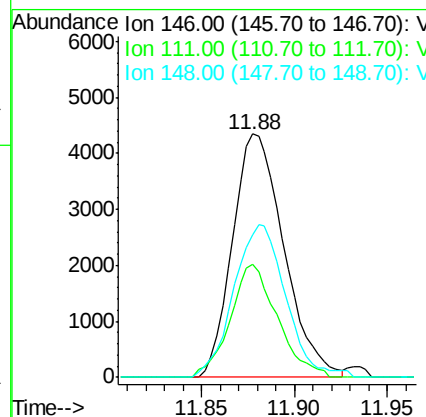
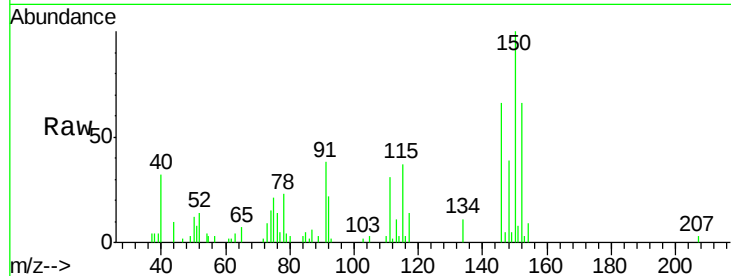
#85
 1,2-Dichlorobenzene
 Concen: 0.227 ug/l
 RT: 11.88 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VU029848.D
 Acq: 07 Mar 2019 11:43

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	19.9	59.6
148	63.5	32.1	96.3

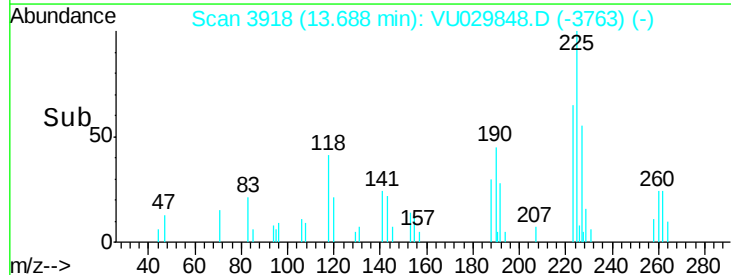
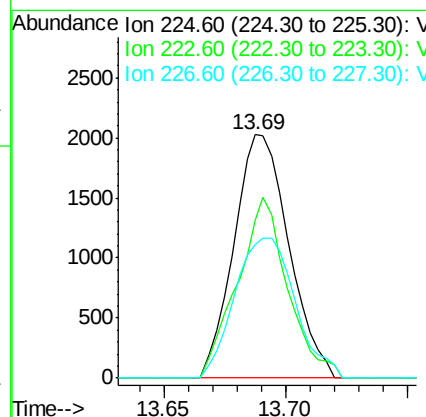
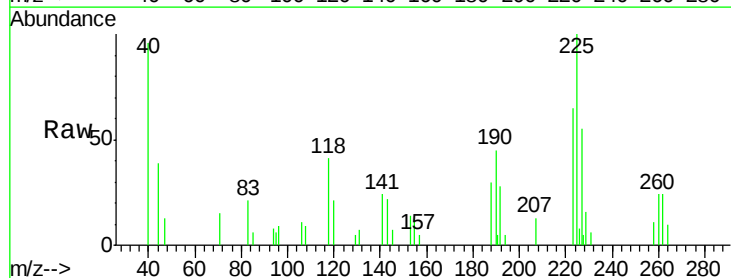
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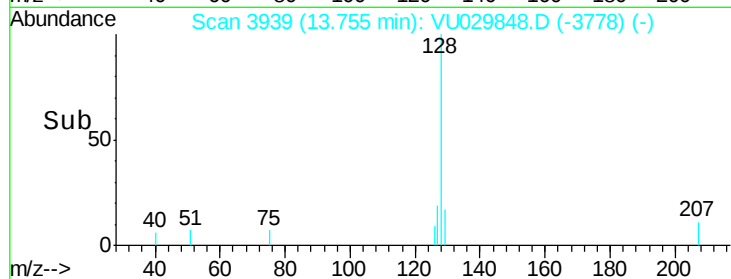
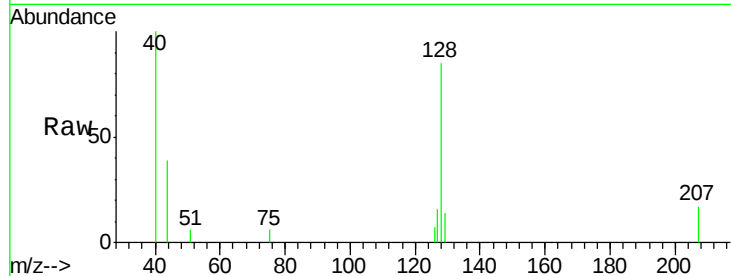
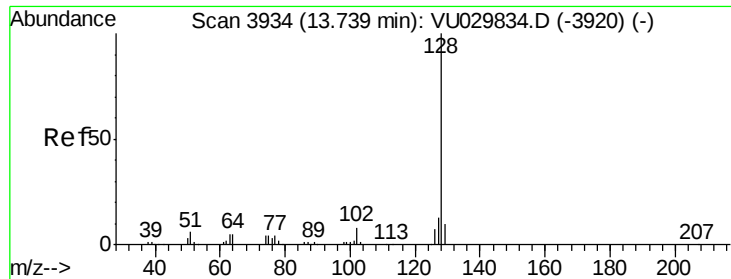
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#88
 Hexachlorobutadiene
 Concen: 0.212 ug/l
 RT: 13.69 min Scan# 3918
 Delta R.T. -0.00 min
 Lab File: VU029848.D
 Acq: 07 Mar 2019 11:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.9	51.2	76.8
227	63.5	50.9	76.3





#89

Naphthalene

Concen: 0.532 ug/l

RT: 13.76 min Scan# 3939

Delta R.T. 0.02 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tot Ion:	128	Resp:	3519
Ion Ratio	Lower	Upper	
128	100		
127	12.3	10.2	15.4
129	9.9	8.2	12.4

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