

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U031019\
 Data File : VU029875.D
 Acq On : 08 Mar 2019 09:07
 Operator : JC/SP
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

MMDadoda
 3/11/2019 6:55:26 PM

Quant Time: Mar 08 22:47:05 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	65013	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	25638	1.10	ug/l	0.00
Spiked Amount 1.000			Recovery	=	110.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	28197	1.04	ug/l	0.00
Spiked Amount 1.000			Recovery	=	104.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.20	85	204888	9.418	ug/l	99
3) Chloromethane	1.33	50	178460	9.213	ug/l	99
4) Vinyl Chloride	1.40	62	205941	9.450	ug/l	99
5) Bromomethane	1.62	94	123762	8.317	ug/l	100
6) Chloroethane	1.69	64	124462	9.525	ug/l	96
7) Trichlorofluoromethane	1.88	101	282717	9.520	ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	164057	9.496	ug/l	98
9) 1,1-Dichloroethene	2.28	96	156550	9.258	ug/l	95
10) Iodomethane	2.41	142	165040	8.807	ug/l	99
11) Allyl Chloride	2.59	41	224492	9.443	ug/l	99
12) Acrylonitrile	2.93	53	69048	18.726	ug/l	99
13) Acetone	2.32	43	151171	49.501	ug/l	97
14) Carbon Disulfide	2.47	76	491079	8.967	ug/l	99
15) Methylene Chloride	2.69	84	180673	8.904	ug/l	98
16) trans-1,2-Dichloroethene	2.97	96	176402	9.234	ug/l	100
17) 1,1-Dichloroethane	3.44	63	310786	9.723	ug/l	99
18) 2-Butanone	4.27	43	212971	51.315	ug/l	98
19) Cyclohexane	4.99	56	248018m	9.994	ug/l	
20) Methylcyclohexane	6.41	83	295531	10.225	ug/l	100
21) 2,2-Dichloropropane	4.22	77	259488	9.932	ug/l	98
22) cis-1,2-Dichloroethene	4.22	96	198850	9.822	ug/l	99
23) Diethyl Ether	2.10	59	118294	9.330	ug/l	98
24) tert-Butyl Alcohol	2.83	59	125735	96.142	ug/l	98
25) Methyl tert-Butyl Ether	3.00	73	404855	9.507	ug/l	100
26) Bromochloromethane	4.54	128	88476	9.844	ug/l	99
27) Chloroform	4.67	83	317627	9.814	ug/l	98
28) 1,1,1-Trichloroethane	4.91	97	269624	9.825	ug/l	100
29) 1,1-Dichloropropene	5.13	75	237273	9.730	ug/l	98
30) Carbon Tetrachloride	5.13	117	238504	9.962	ug/l	98
31) Isopropyl Ether	3.57	45	438412	9.945	ug/l	100
32) Ethyl-t-butyl ether	4.07	59	426717	9.958	ug/l	100
33) Tert-Amyl methyl ether	5.58	73	405168	10.225	ug/l	99
34) Propionitrile	4.33	54	62015	50.233	ug/l	97
35) Benzene	5.38	78	713414	9.931	ug/l	99
36) 1,2-Dichloroethane	5.40	62	188505	9.607	ug/l	100
37) Trichloroethene	6.18	130	203604	9.707	ug/l	99
38) 1,2-Dichloropropane	6.43	63	180749	9.940	ug/l	100
39) Methacrylonitrile	4.54	41	51836	9.982	ug/l	98
40) Methyl acrylate	4.42	55	83335	10.152	ug/l	99
41) Tetrahydrofuran	4.65	42	51534	18.973	ug/l	99
42) 1-Chlorobutane	5.06	56	310660	9.971	ug/l	97

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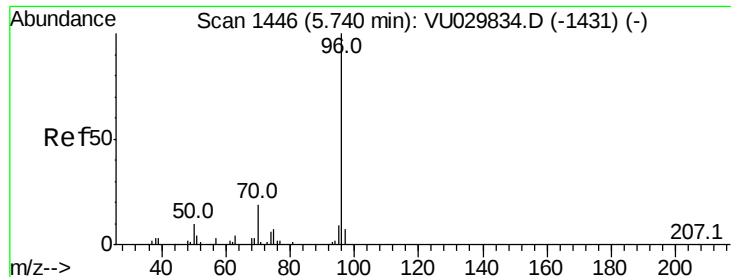
Manual Integrations
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Quant Time: Mar 08 22:47:05 2019
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	93010	9.869	ug/l	99
44) Bromodichloromethane	6.75	83	225877	9.759	ug/l	99
45) 4-Methyl-2-Pentanone	7.46	43	500306	50.900	ug/l	100
46) t-1,4-Dichloro-2-butene	10.51	75	88317m	21.492	ug/l	
47) Methyl methacrylate	6.62	69	170321	21.060	ug/l	99
48) Ethyl methacrylate	8.02	69	168428	10.869	ug/l	99
49) Toluene	7.63	92	446408	10.119	ug/l	98
50) t-1,3-Dichloropropene	7.88	75	209369	10.322	ug/l	97
51) cis-1,3-Dichloropropene	7.26	75	257364	10.249	ug/l	99
52) 1,1,2-Trichloroethane	8.06	97	138413	9.922	ug/l	97
53) 1,3-Dichloropropane	8.24	76	223381	9.763	ug/l	100
54) 2-Hexanone	8.36	43	361493	52.955	ug/l	100
55) Dibromochloromethane	8.47	129	167167	10.097	ug/l	99
56) 1,2-Dibromoethane	8.58	107	130208	9.844	ug/l	100
58) Tetrachloroethene	8.22	164	210942	9.846	ug/l	98
59) Chlorobenzene	9.12	112	506234	9.985	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	180082	9.901	ug/l	100
61) Pentachloroethane	11.10	117	123337	9.740	ug/l	99
62) Hexachloroethane	12.14	117	140359	10.537	ug/l	97
63) Ethyl Benzene	9.24	91	861137	10.368	ug/l	99
64) m/p-Xylenes	9.37	106	691908	21.073	ug/l	99
65) o-Xylene	9.77	106	330582	10.483	ug/l	99
66) Styrene	9.79	104	559605	10.682	ug/l	99
67) Bromoform	9.95	173	101334	10.421	ug/l	100
69) Isopropylbenzene	10.16	105	879116	10.513	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.45	83	165960	9.755	ug/l	100
71) 1,2,3-Trichloropropane	10.49	75	122238m	9.668	ug/l	
72) Bromobenzene	10.45	156	223418	10.094	ug/l	98
73) n-propylbenzene	10.58	120	250775	10.668	ug/l	99
74) 2-Chlorotoluene	10.66	126	212874	10.209	ug/l	98
75) 1,3,5-Trimethylbenzene	10.77	105	745291	10.580	ug/l	99
76) 4-Chlorotoluene	10.77	126	223436	10.508	ug/l	98
77) tert-Butylbenzene	11.10	119	732498	10.510	ug/l	99
78) 1,2,4-Trimethylbenzene	11.14	105	768966	10.802	ug/l	99
79) sec-Butylbenzene	11.32	105	996746	10.791	ug/l	100
80) Nitrobenzene	12.86	77	17966	58.171	ug/l #	94
81) p-Isopropyltoluene	11.47	119	841346	10.880	ug/l	100
82) 1,3-Dichlorobenzene	11.41	146	446588	10.188	ug/l	99
83) 1,4-Dichlorobenzene	11.50	146	441274	10.302	ug/l	99
84) n-Butylbenzene	11.89	91	761593	10.809	ug/l	100
85) 1,2-Dichlorobenzene	11.87	146	412814	9.987	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.65	75	24730	10.181	ug/l	93
87) 1,2,4-Trichlorobenzene	13.50	180	286345	10.817	ug/l	99
88) Hexachlorobutadiene	13.69	225	169481	10.165	ug/l	98
89) Naphthalene	13.74	128	474238	9.289	ug/l	100
90) 1,2,3-Trichlorobenzene	13.98	180	261993	10.535	ug/l	98

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1446

Delta R.T. -0.00 min

Lab File: VU029875.D

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Instrument :

MSVOA_U

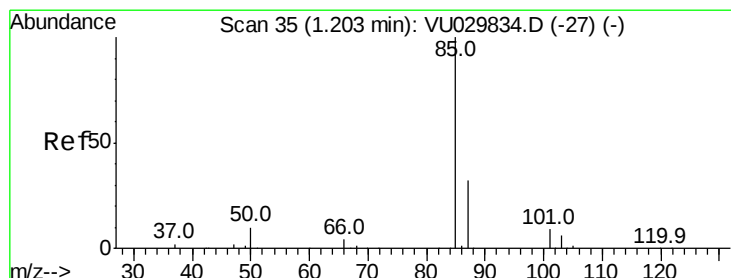
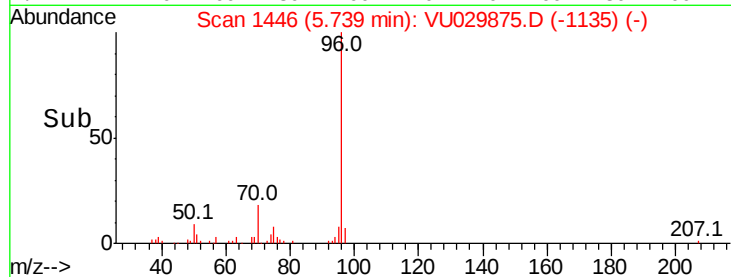
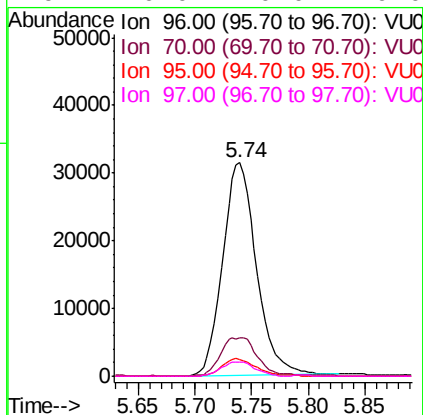
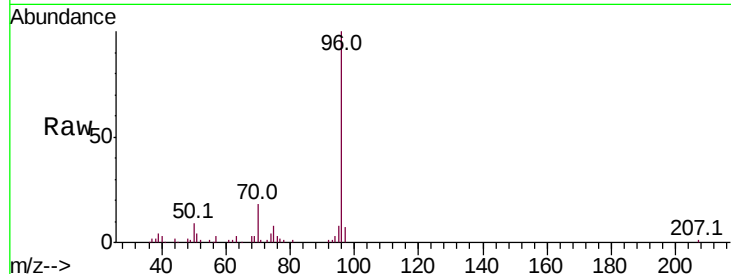
ClientSampleId :

VSTDCCC010

Tot Ion	96	Resp	65013
Ion	Ratio	Lower	Upper
96	100		
70	19.4	14.4	21.6
95	8.5	7.0	10.6
97	0.0	0.0	0.0

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#2

Dichlorodifluoromethane

Concen: 9.418 ug/l

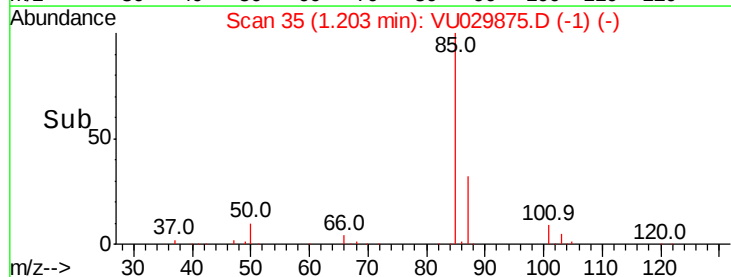
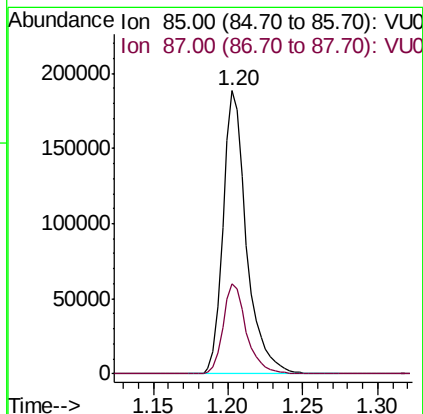
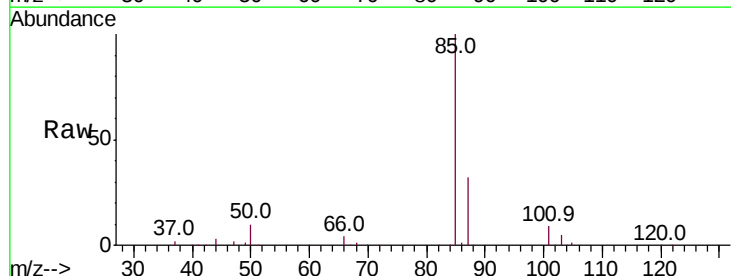
RT: 1.20 min Scan# 35

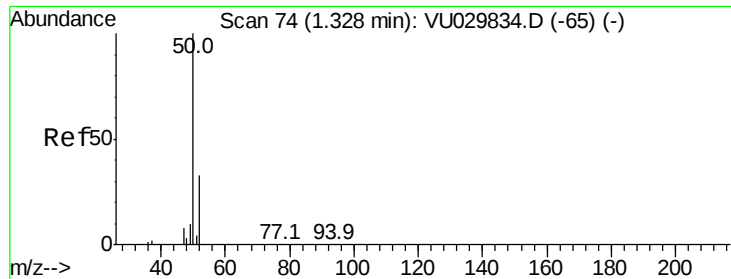
Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

Tgt Ion	85	Resp	204888
Ion	Ratio	Lower	Upper
85	100		
87	32.0	16.2	48.6





#3

Chloromethane

Concen: 9.213 ug/l

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 50 Resp: 178460

Ion Ratio Lower Upper

50 100

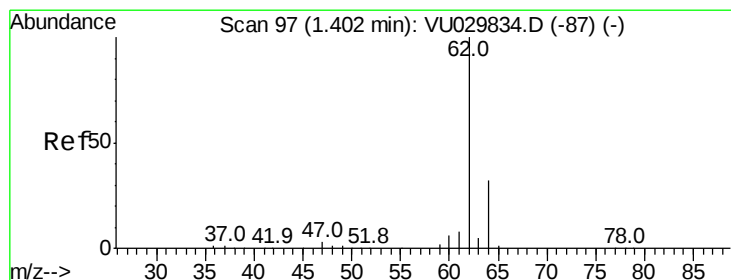
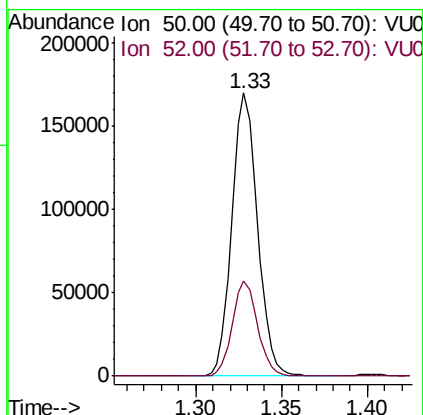
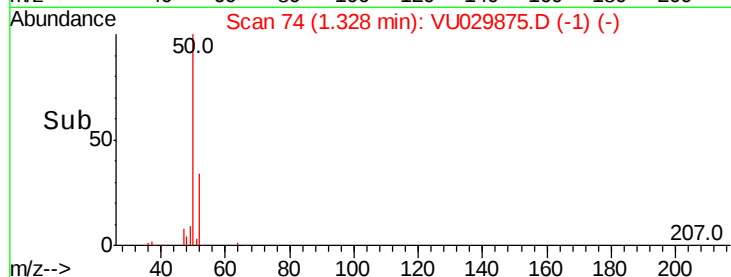
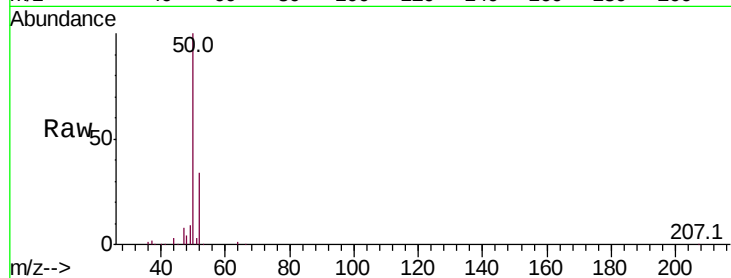
52 33.6 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 9.450 ug/l

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU029875.D

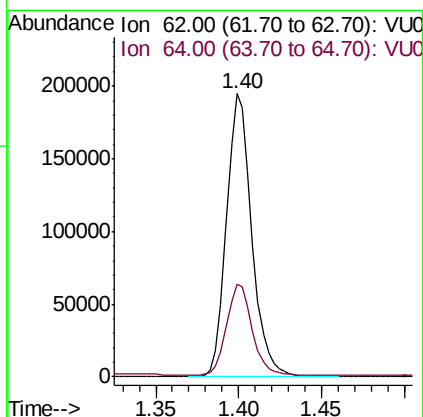
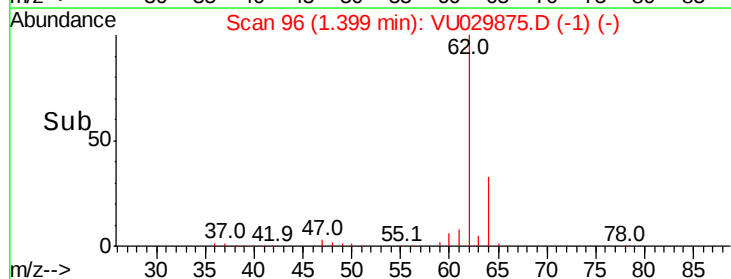
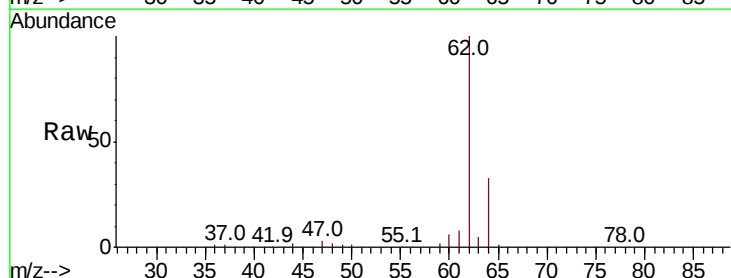
Acq: 08 Mar 2019 09:07

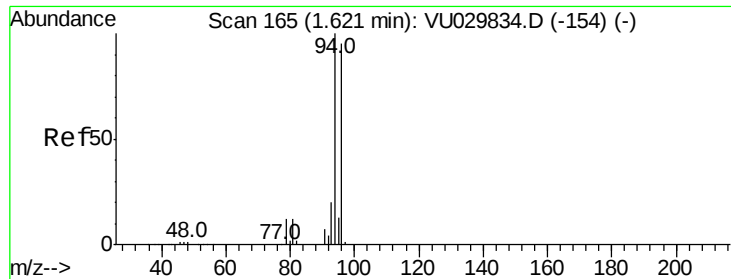
Tgt Ion: 62 Resp: 205941

Ion Ratio Lower Upper

62 100

64 32.5 25.7 38.5





#5

Bromomethane

Concen: 8.317 ug/l

RT: 1.62 min Scan# 165

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 94 Resp: 123762

Ion Ratio Lower Upper

94 100

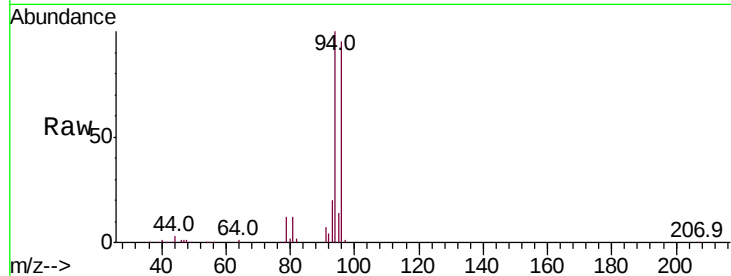
96 95.2 76.4 114.6

Manual Integrations

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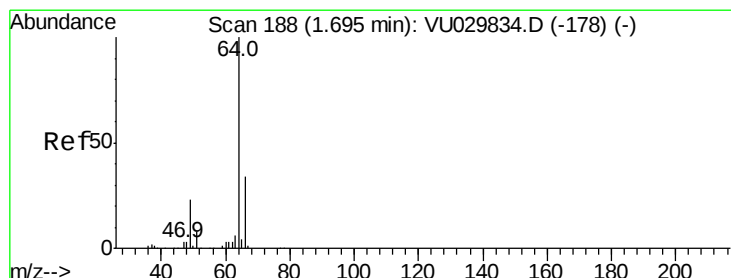
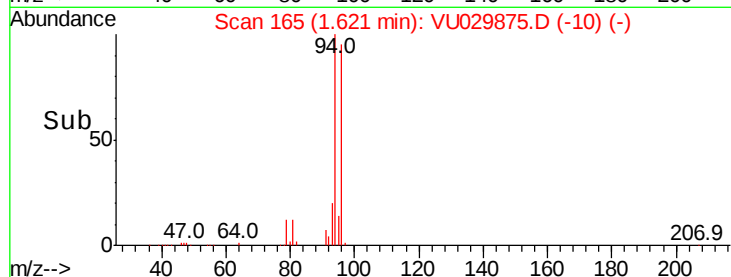
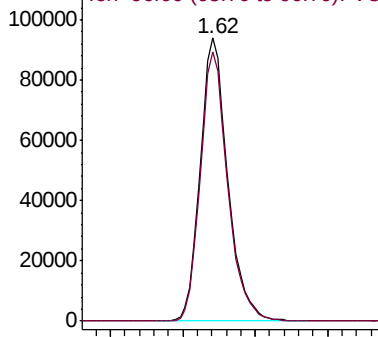
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Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 9.525 ug/l

RT: 1.69 min Scan# 188

Delta R.T. -0.00 min

Lab File: VU029875.D

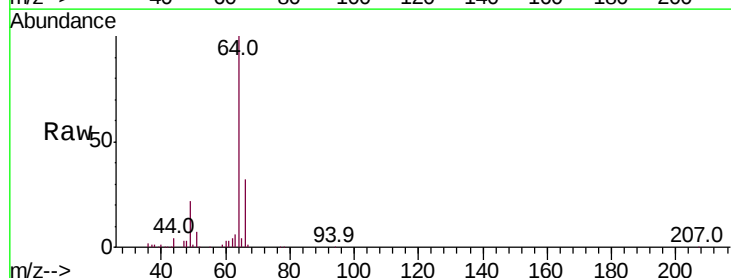
Acq: 08 Mar 2019 09:07

Tgt Ion: 64 Resp: 124462

Ion Ratio Lower Upper

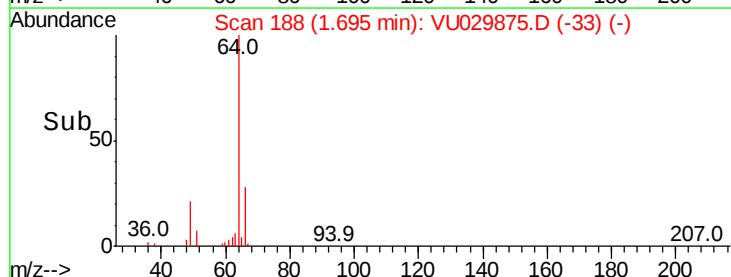
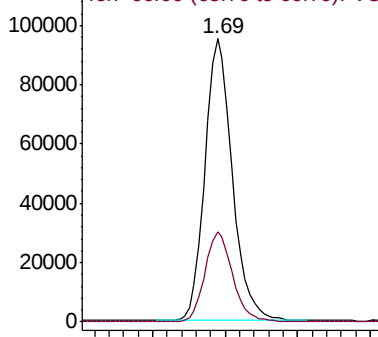
64 100

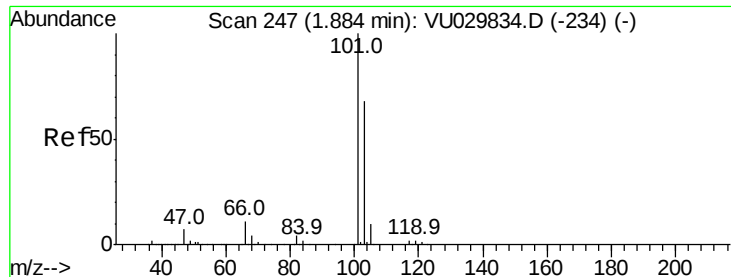
66 31.8 27.3 40.9



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0





#7

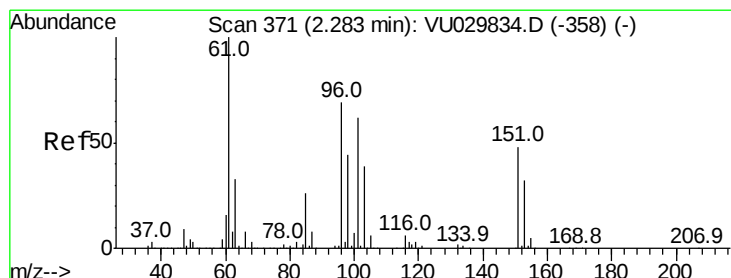
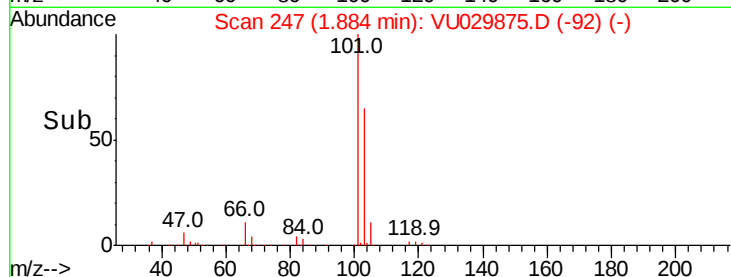
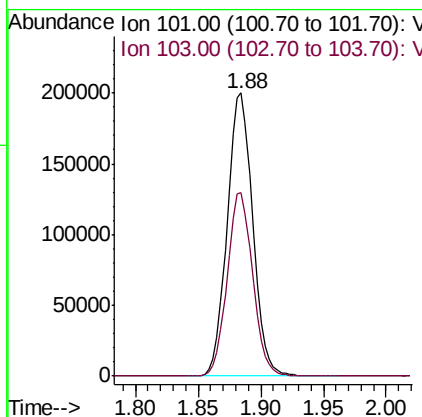
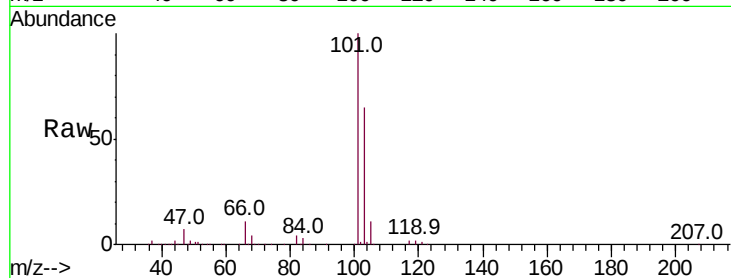
Trichlorofluoromethane
 Concen: 9.520 ug/l
 RT: 1.88 min Scan# 247
 Delta R.T. -0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	54.2	81.2

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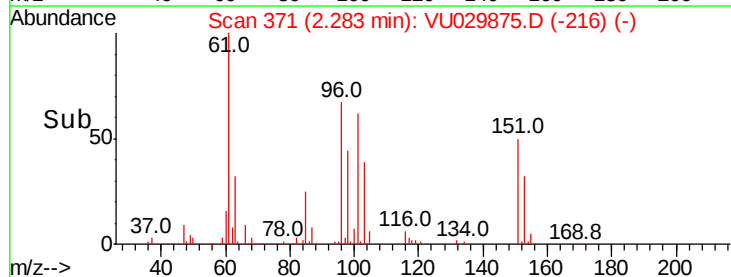
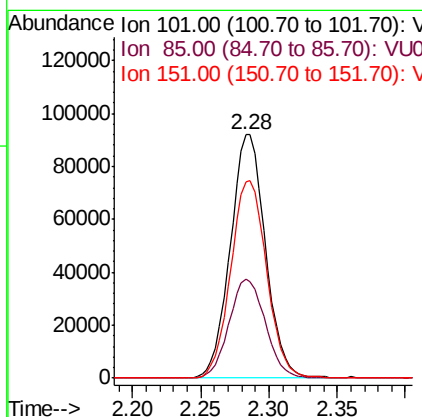
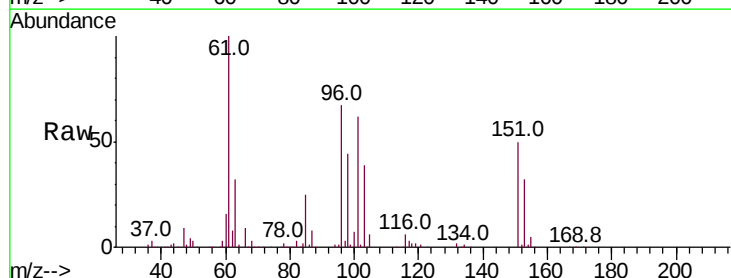
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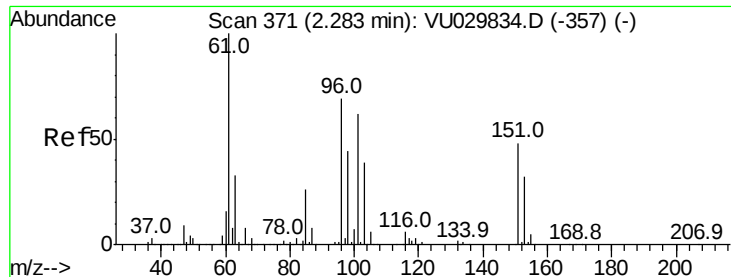


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.496 ug/l
 RT: 2.28 min Scan# 371
 Delta R.T. -0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

Tgt Ion	Ratio	Lower	Upper
101	100		
85	42.3	33.4	50.0
151	82.8	64.6	97.0





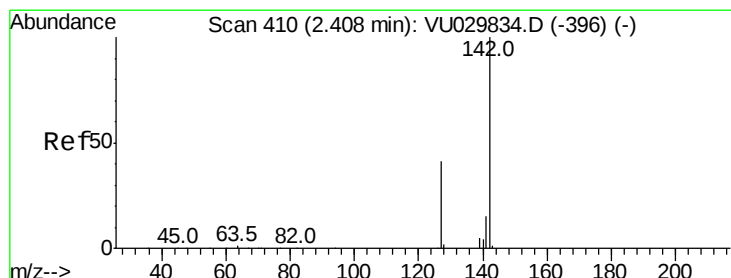
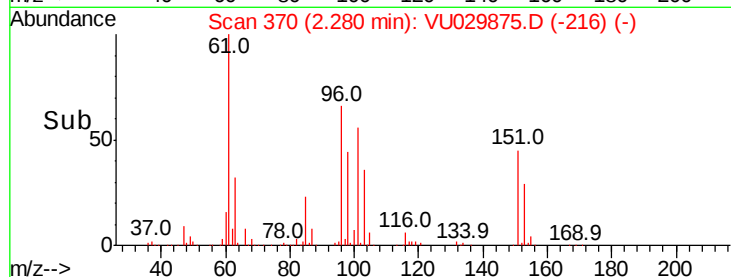
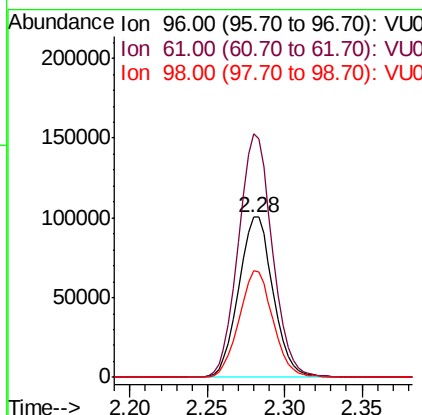
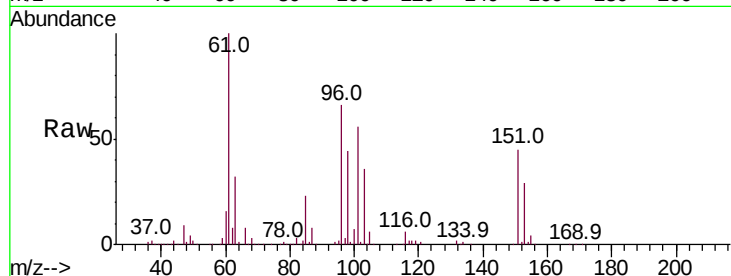
#9
 1,1-Dichloroethene
 Concen: 9.258 ug/l
 RT: 2.28 min Scan# 370
 Delta R.T. -0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

Instrument :
 MSVOA_U
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 VSTDCCC010

Tot Ion	Ratio	Resp	Lower	Upper
96	100	156550		
61	151.9	0.0	435.3	
98	66.3	0.0	128.6	

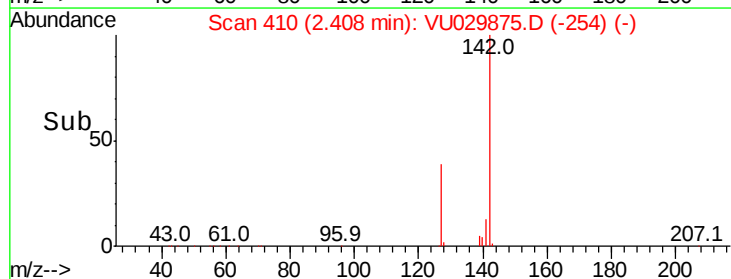
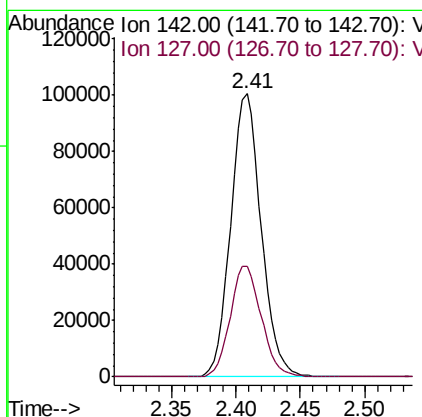
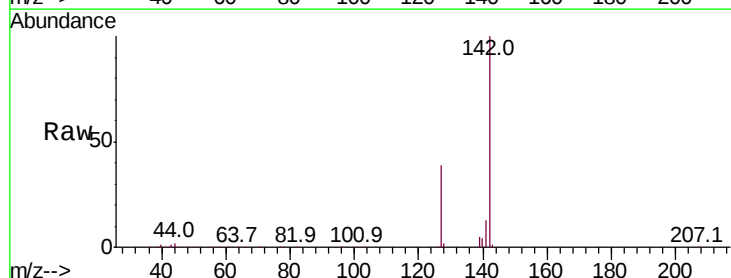
Manual Integrations
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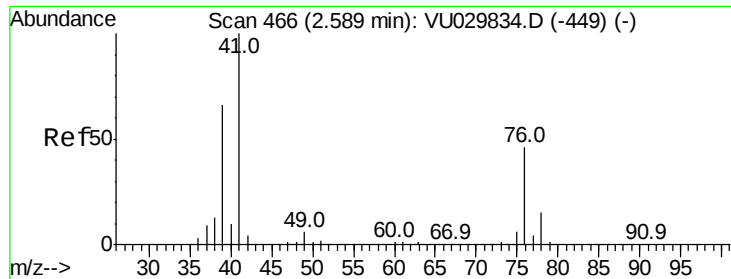
MMDadoda
 3/11/2019 6:55:26 PM



#10
 Iodomethane
 Concen: 8.807 ug/l
 RT: 2.41 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	165040		
127	40.0	32.3	48.5	





#11

Allvl Chloride

Concen: 9.443 ug/l

RT: 2.59 min Scan# 466

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 41 Resp: 224492

Ion Ratio Lower Upper

41 100

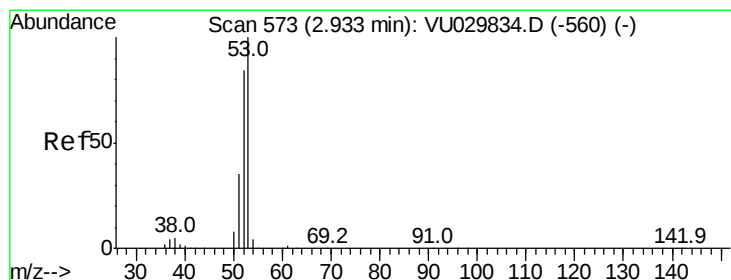
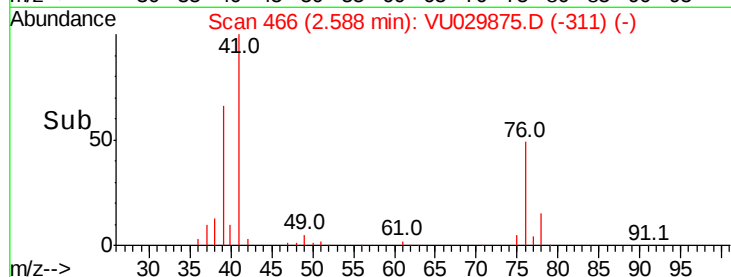
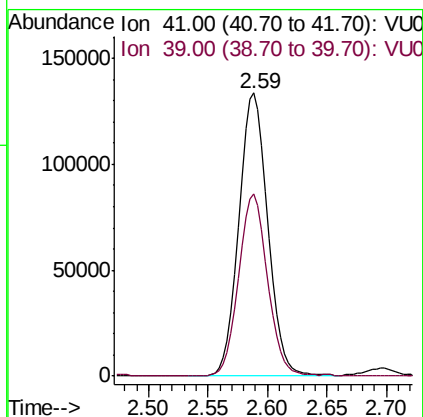
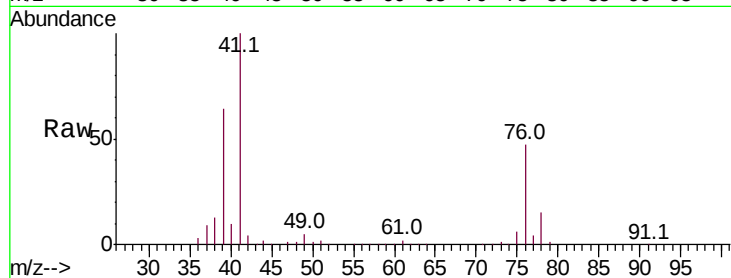
39 64.1 51.6 77.4

Manual Integrations

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#12

Acrylonitrile

Concen: 18.726 ug/l

RT: 2.93 min Scan# 573

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

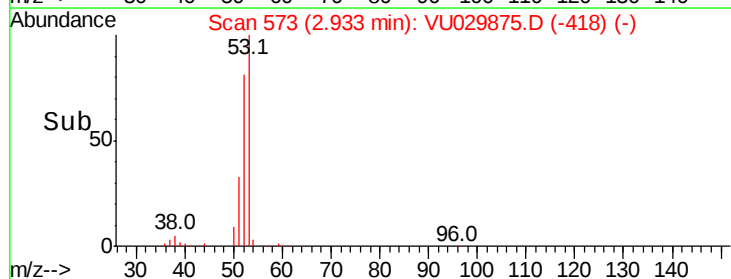
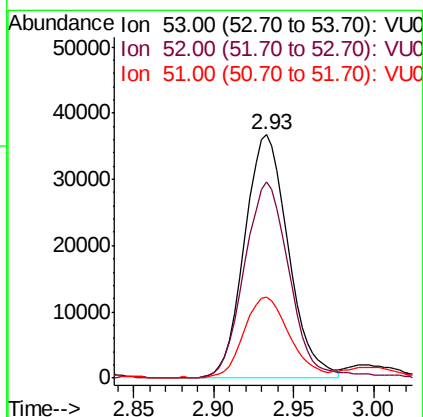
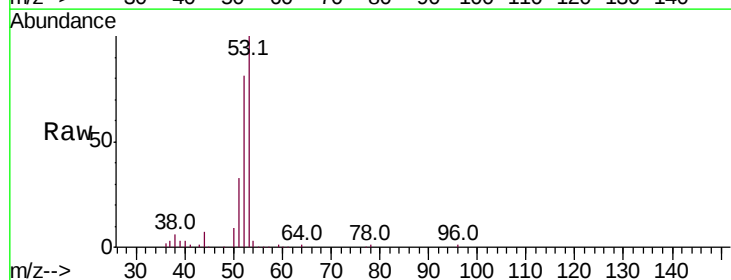
Tgt Ion: 53 Resp: 69048

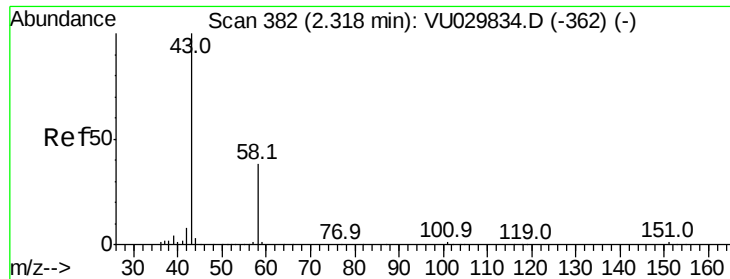
Ion Ratio Lower Upper

53 100

52 83.8 66.5 99.7

51 34.7 28.6 42.8





#13

Acetone

Concen: 49.501 ug/l

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 43 Resp: 151171

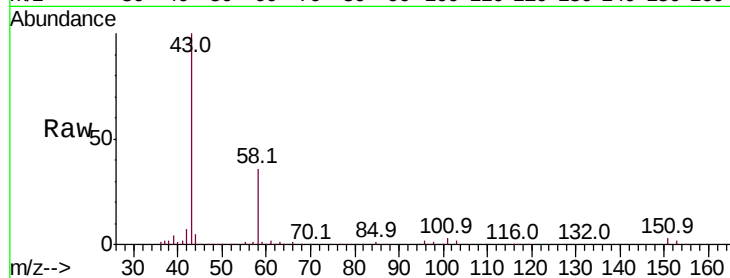
Ion Ratio Lower Upper

43 100

58 35.6 30.2 45.2

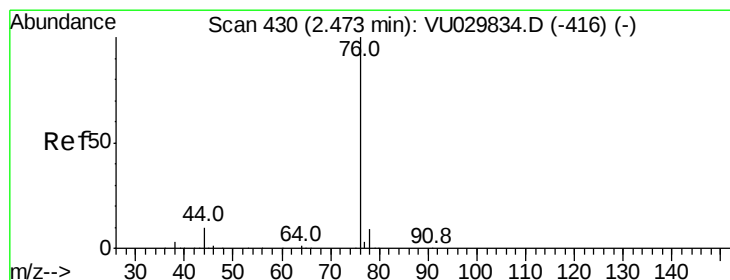
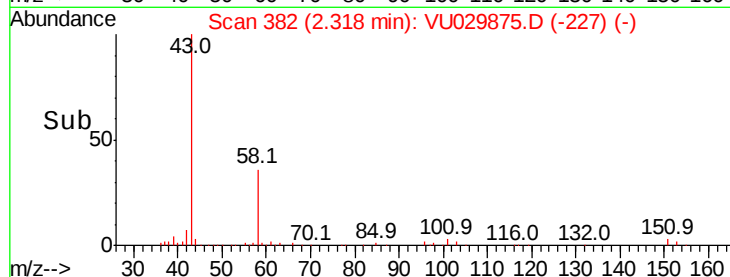
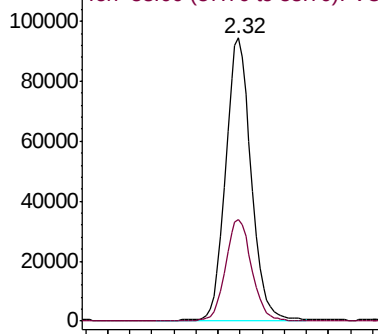
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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#14

Carbon Disulfide

Concen: 8.967 ug/l

RT: 2.47 min Scan# 430

Delta R.T. -0.00 min

Lab File: VU029875.D

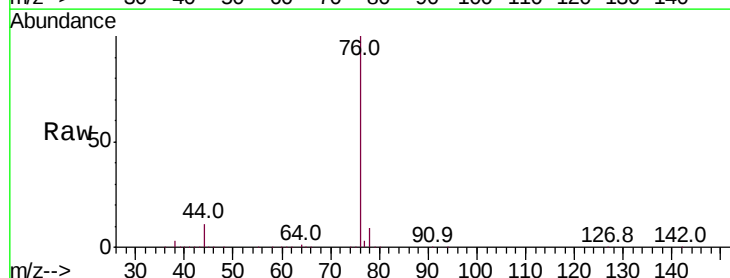
Acq: 08 Mar 2019 09:07

Tgt Ion: 76 Resp: 491079

Ion Ratio Lower Upper

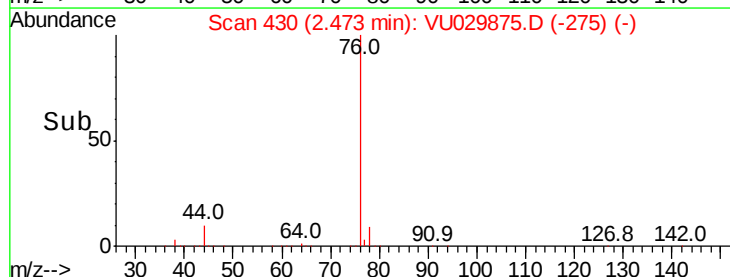
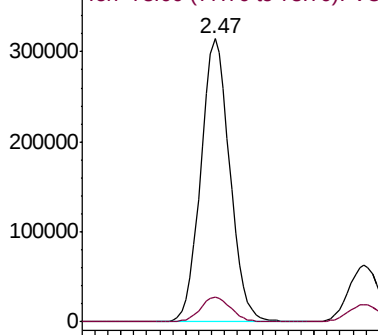
76 100

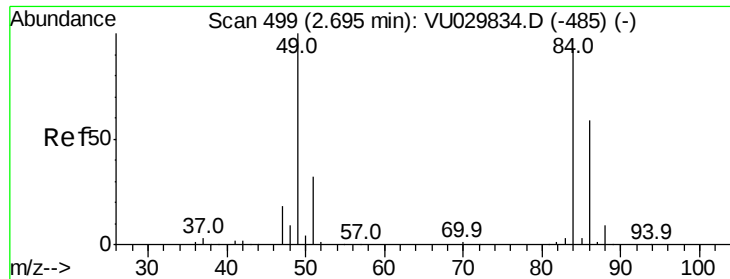
78 8.6 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0





#15

Methylene Chloride

Concen: 8.904 ug/l

RT: 2.69 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 84 Resp: 180673

Ion Ratio Lower Upper

84 100

49 111.5 87.2 130.8

51 34.5 0.0 69.0

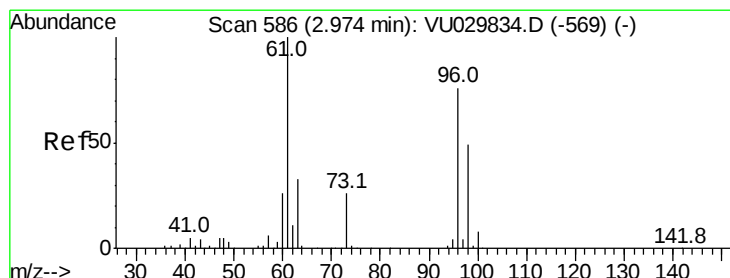
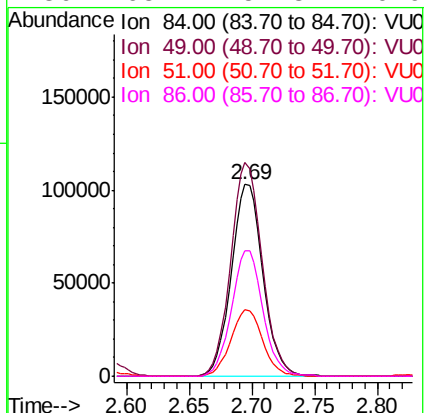
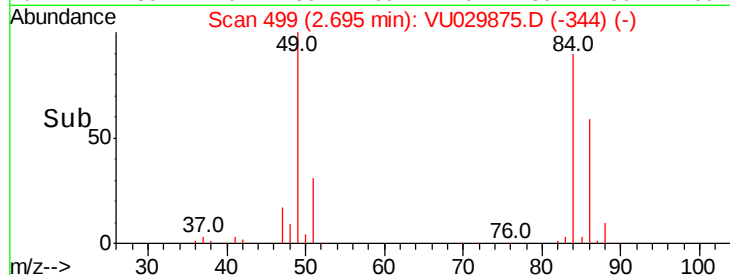
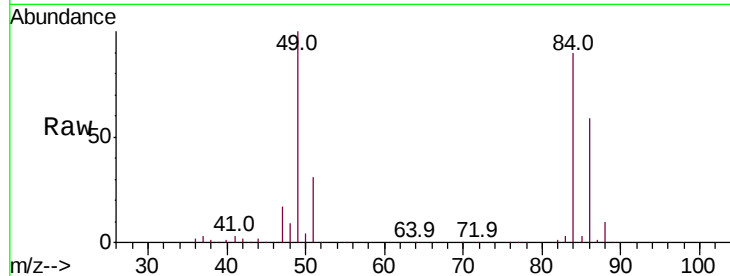
86 65.4 51.3 76.9

Manual Integrations

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#16

trans-1,2-Dichloroethene

Concen: 9.234 ug/l

RT: 2.97 min Scan# 586

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

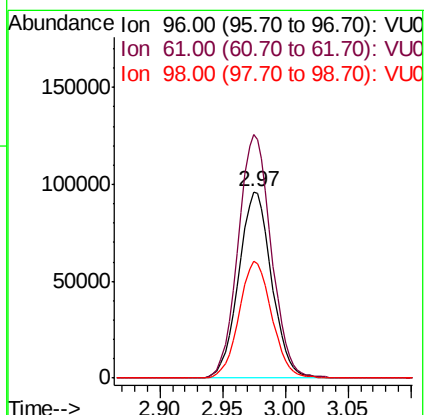
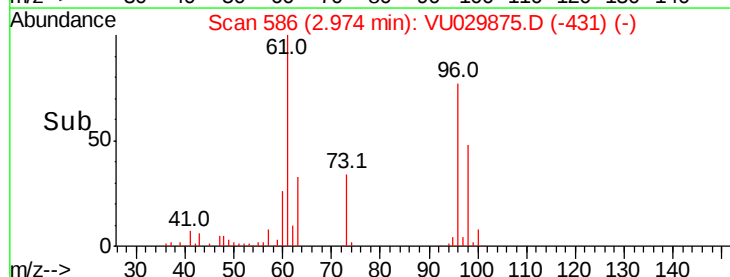
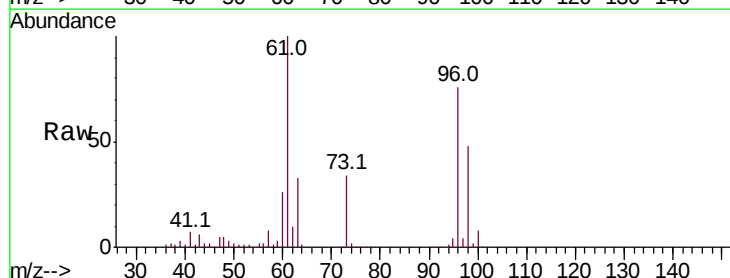
Tgt Ion: 96 Resp: 176402

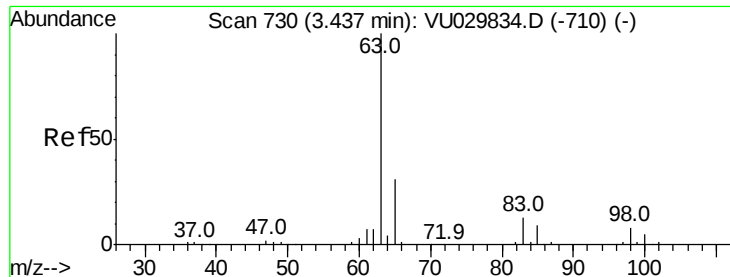
Ion Ratio Lower Upper

96 100

61 130.8 104.7 157.1

98 62.6 50.9 76.3





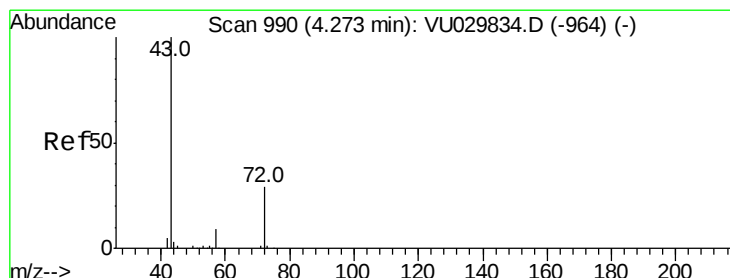
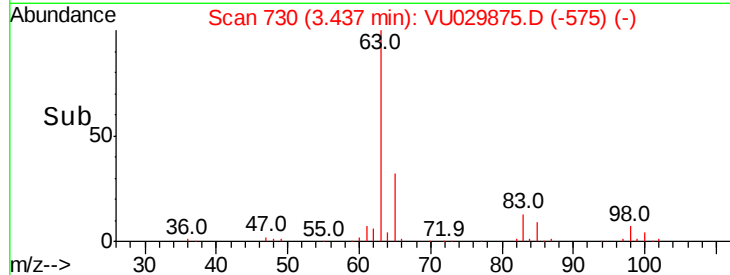
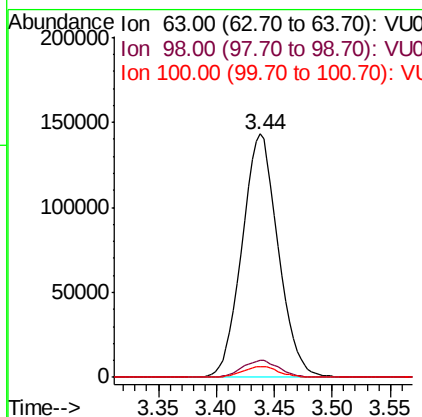
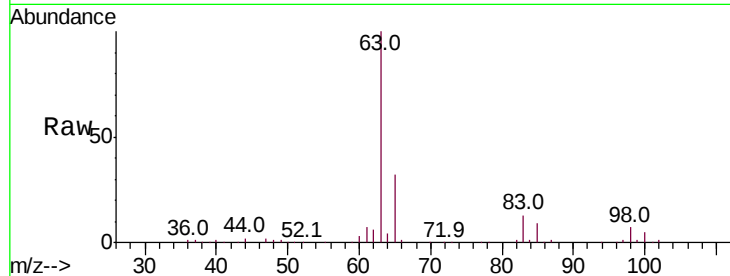
#17
 1,1-Dichloroethane
 Concen: 9.723 ug/l
 RT: 3.44 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Resp	Lower	Upper
63	100	310786		
98	7.0		3.8	11.4
100	4.5		2.4	7.1

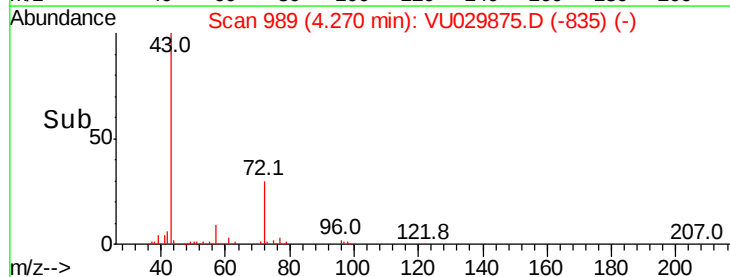
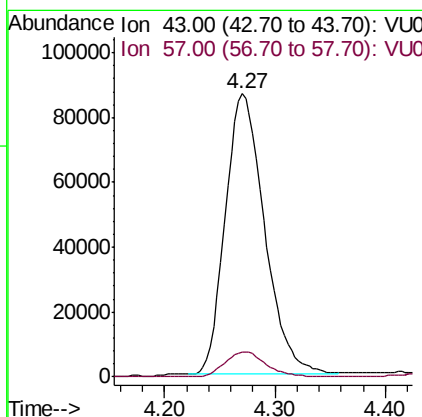
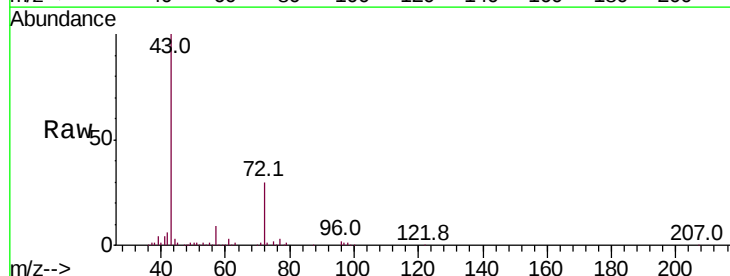
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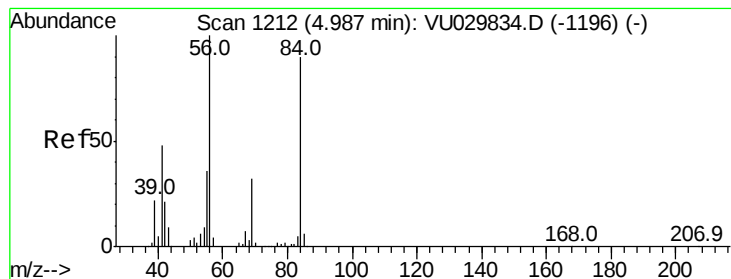
MMDadoda
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#18
 2-Butanone
 Concen: 51.315 ug/l
 RT: 4.27 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	212971		
57	8.7		0.0	18.6





#19

Cyclohexane

Concen: 9.994 ug/l m

RT: 4.99 min Scan# 1212

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 56 Resp: 248018

Ion Ratio Lower Upper

56 100

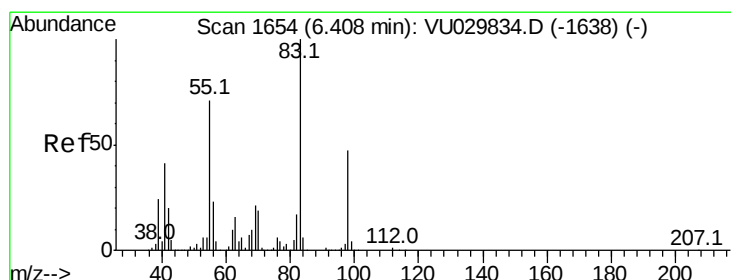
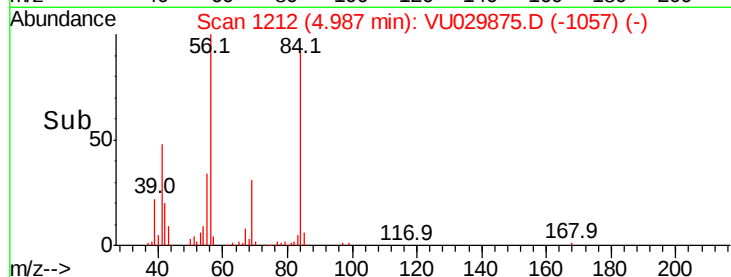
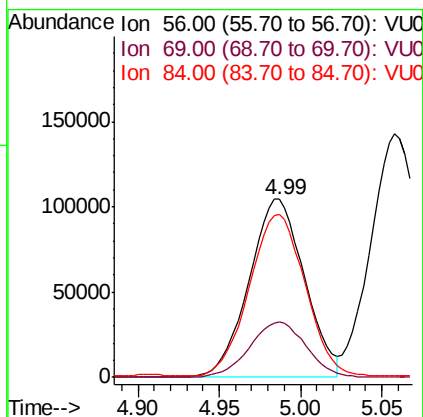
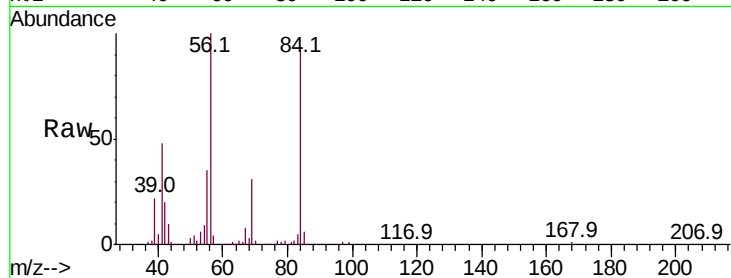
69 31.2 29.4 44.2

84 91.1 84.6 127.0

Manual Integrations
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#20

Methylcyclohexane

Concen: 10.225 ug/l

RT: 6.41 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

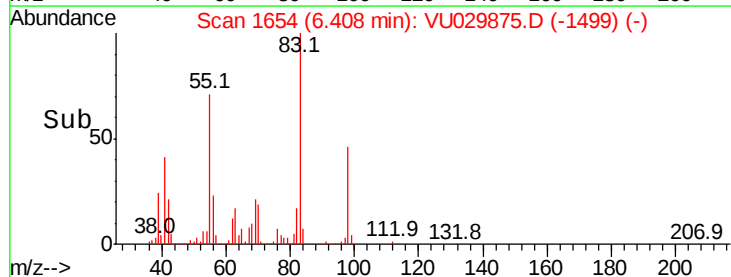
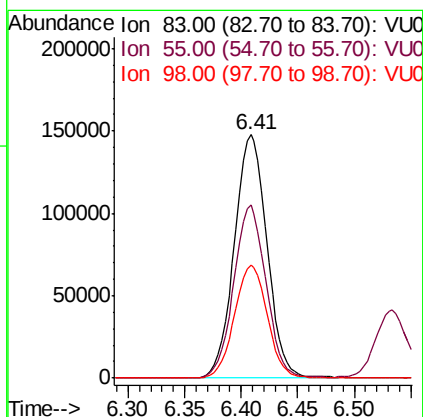
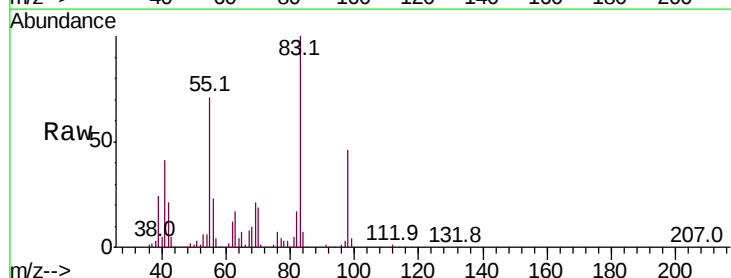
Tgt Ion: 83 Resp: 295531

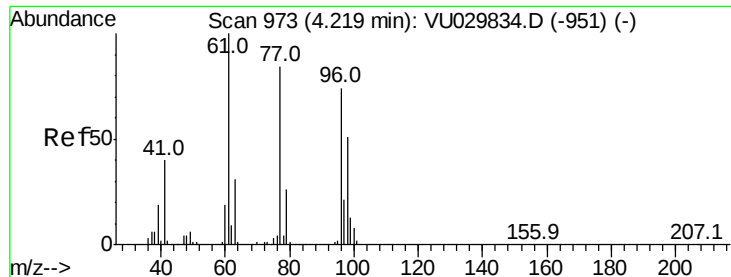
Ion Ratio Lower Upper

83 100

55 70.0 55.9 83.9

98 46.8 37.0 55.4





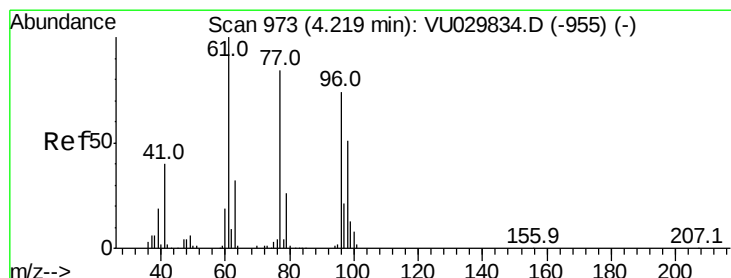
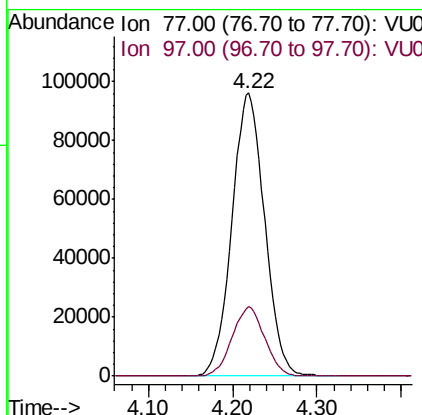
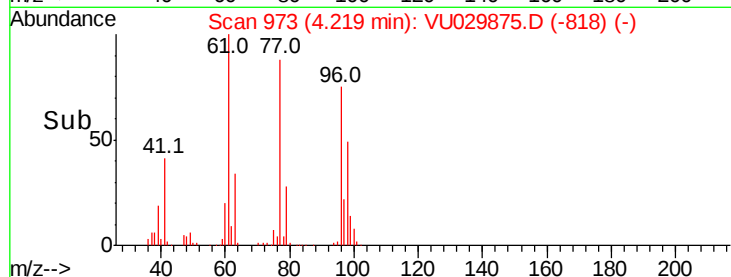
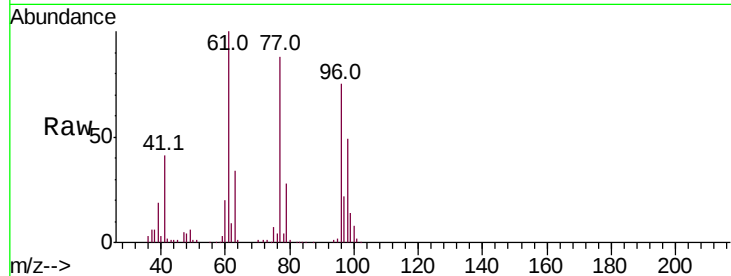
#21
2,2-Dichloropropane
Concen: 9.932 ug/l
RT: 4.22 min Scan# 973
Delta R.T. -0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
77	100		
97	24.4	20.2	30.2

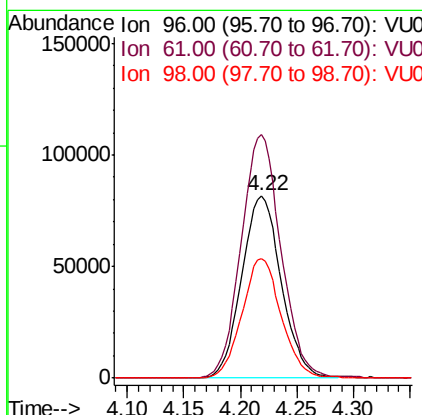
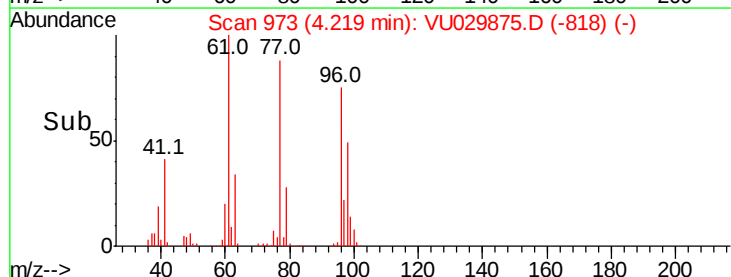
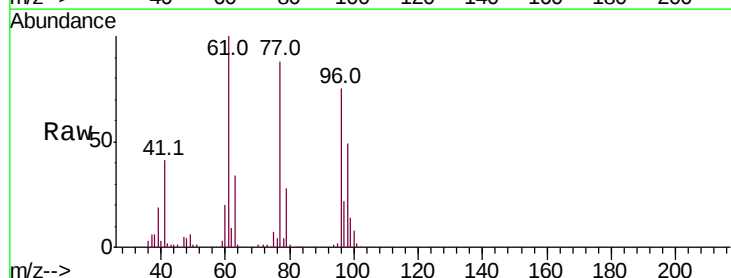
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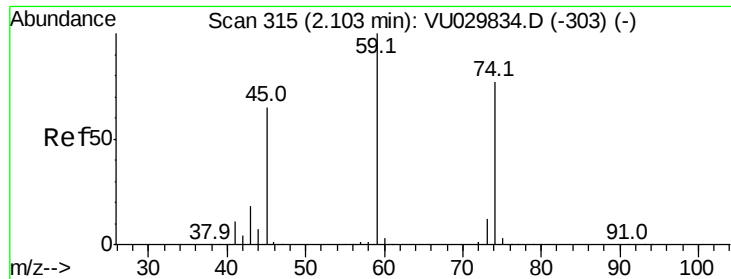
MMDadoda
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#22
cis-1,2-Dichloroethene
Concen: 9.822 ug/l
RT: 4.22 min Scan# 973
Delta R.T. -0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	134.5	0.0	339.0
98	65.1	33.1	99.5





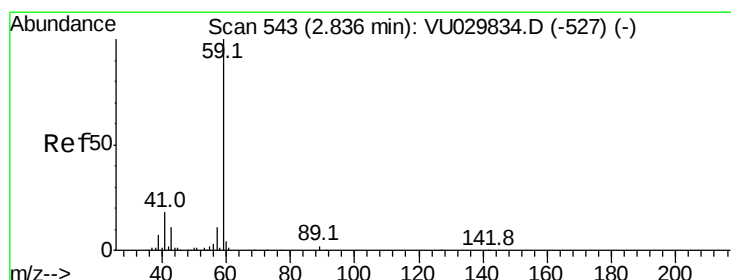
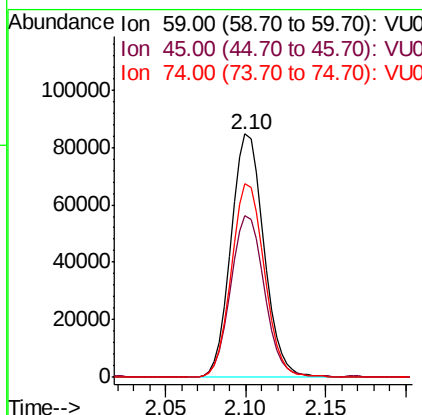
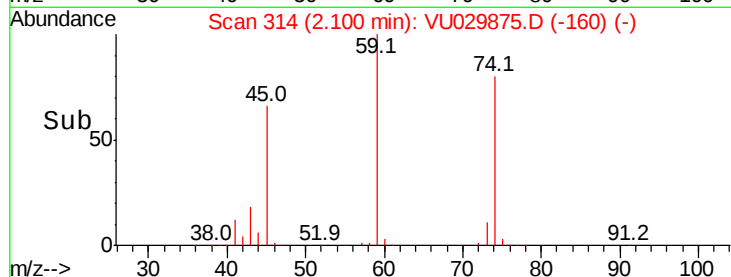
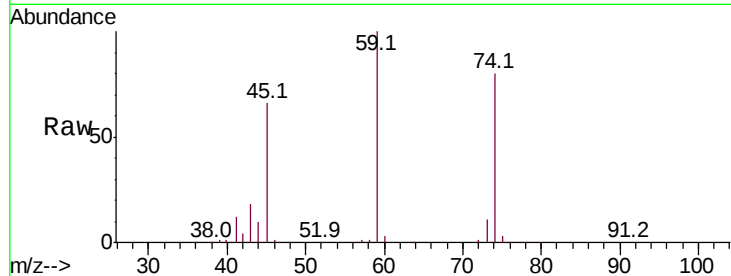
#23
Diethyl Ether
Concen: 9.330 ug/l
RT: 2.10 min Scan# 314
Delta R.T. -0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
59	100		
45	67.3	52.7	79.1
74	79.7	61.8	92.6

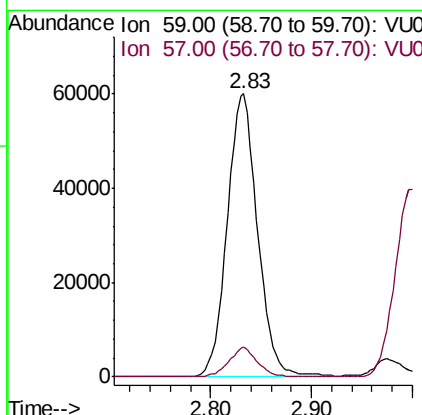
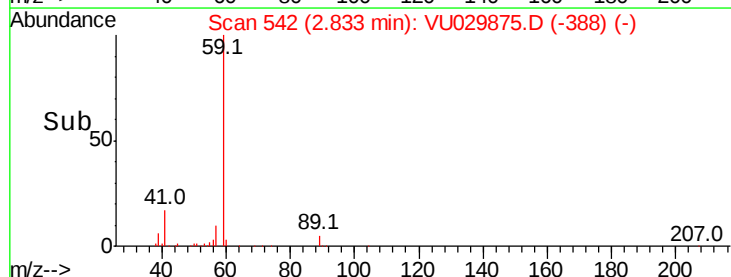
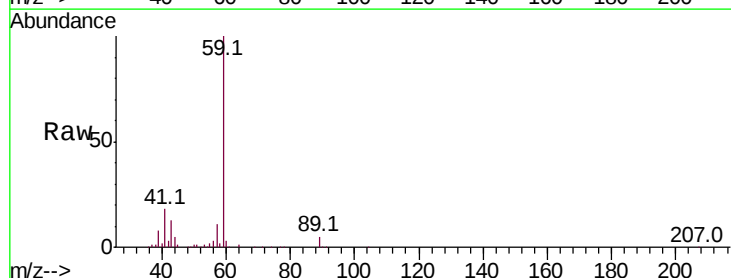
Manual Integrations
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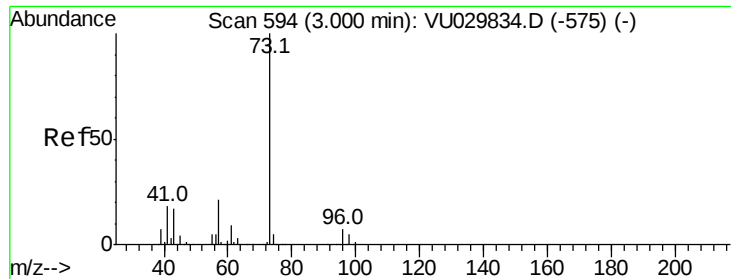
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#24
tert-Butyl Alcohol
Concen: 96.142 ug/l
RT: 2.83 min Scan# 542
Delta R.T. -0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.5	12.7





#25

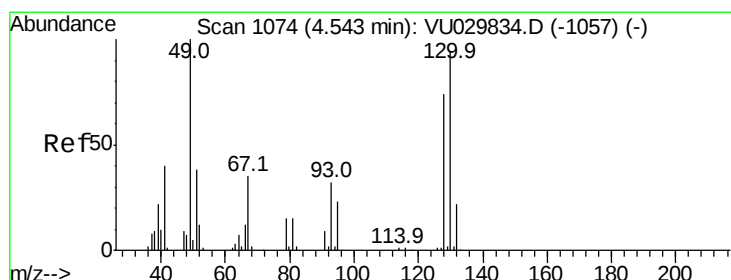
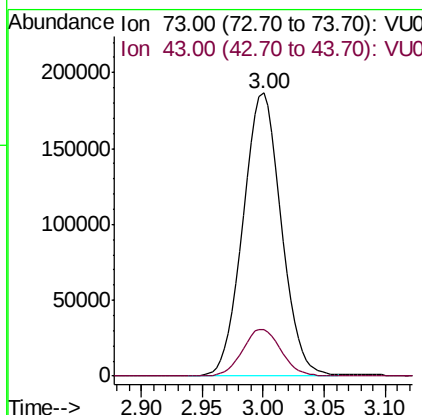
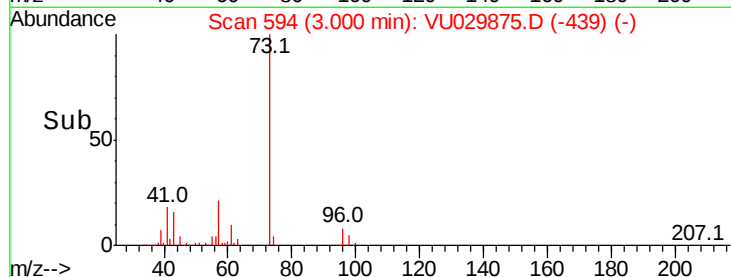
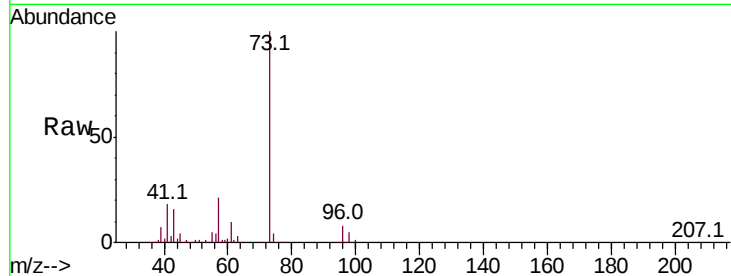
Methyl tert-Butyl Ether
 Concen: 9.507 ug/l
 RT: 3.00 min Scan# 594
 Delta R.T. -0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	73	43	Ratio	100	16.6	Resp	404855	Lower	13.1	Upper	19.7
Ion	73	43	Ratio	100	16.6	Resp	404855	Lower	13.1	Upper	19.7

Manual Integrations
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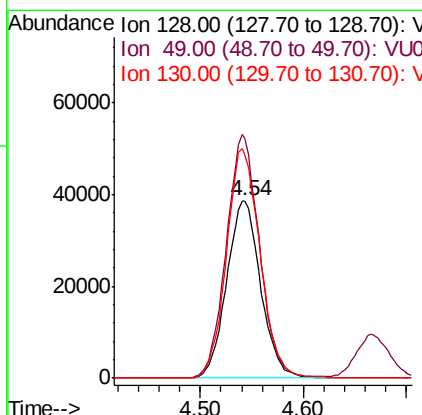
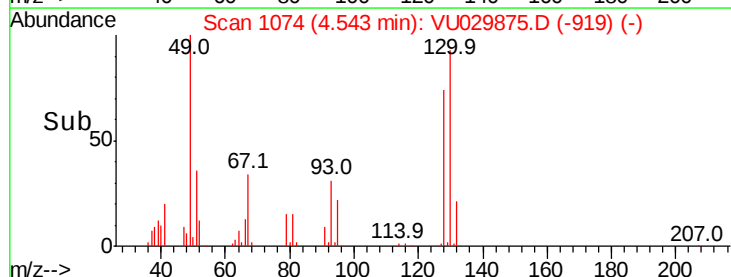
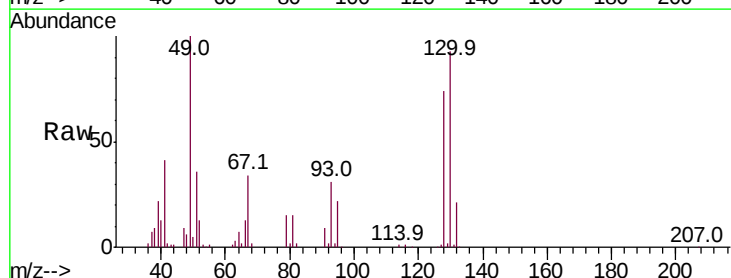
MMDadoda
 3/11/2019 6:55:26 PM

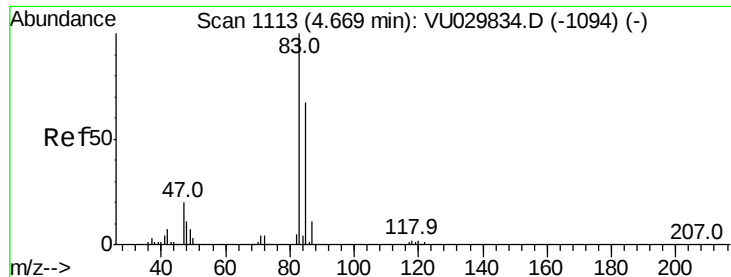


#26

Bromochloromethane
 Concen: 9.844 ug/l
 RT: 4.54 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

Tgt Ion	128	49	130	Ratio	100	133.9	128.3	Resp	88476	Lower	0.0	104.2	Upper	270.6	156.4
Ion	128	49	130	Ratio	100	133.9	128.3	Resp	88476	Lower	0.0	104.2	Upper	270.6	156.4





#27

Chloroform

Concen: 9.814 ug/l

RT: 4.67 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 83 Resp: 317627

Ion Ratio Lower Upper

83 100

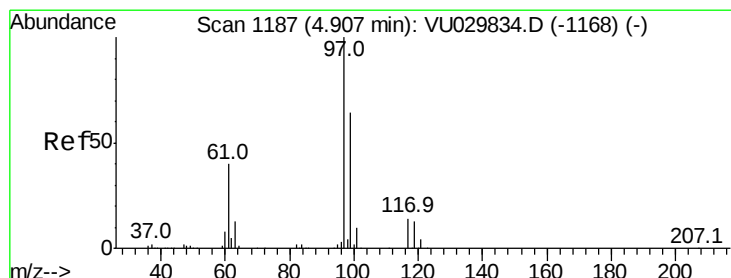
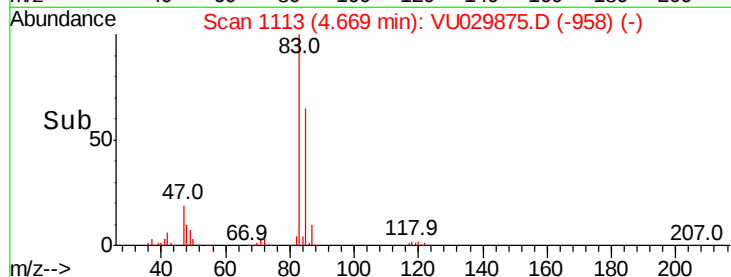
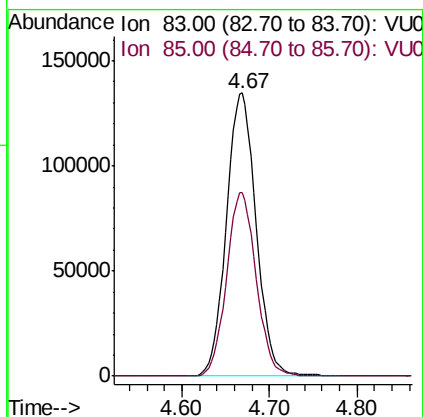
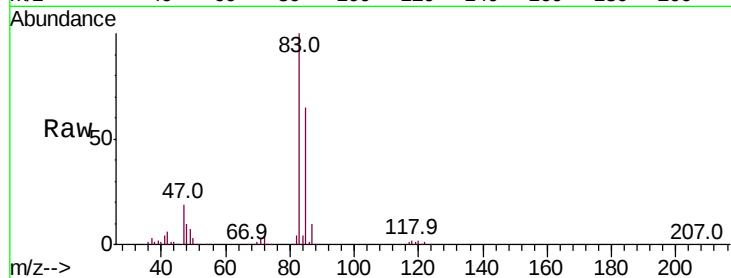
85 64.7 0.0 133.2

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#28

1,1,1-Trichloroethane

Concen: 9.825 ug/l

RT: 4.91 min Scan# 1187

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

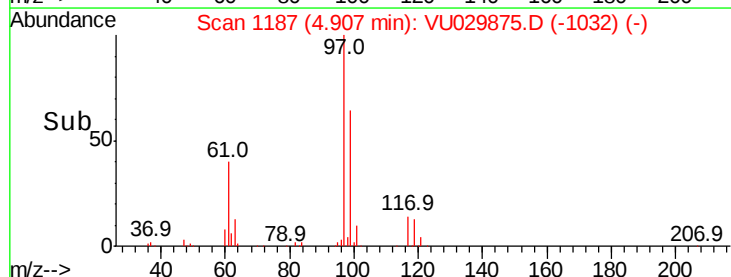
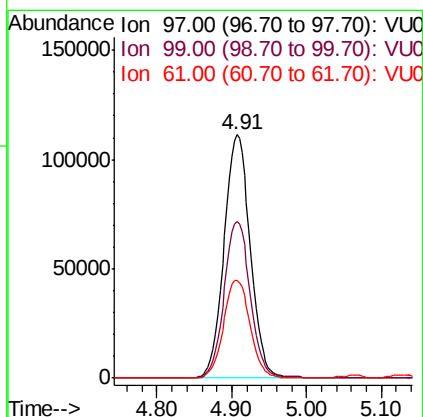
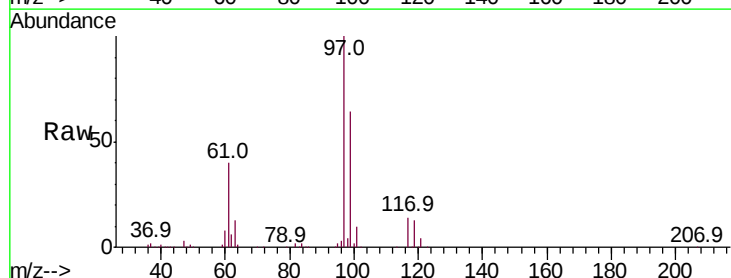
Tgt Ion: 97 Resp: 269624

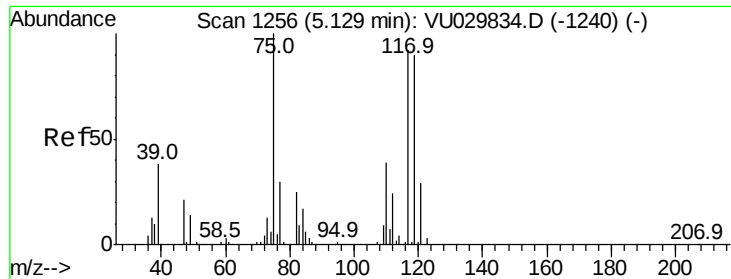
Ion Ratio Lower Upper

97 100

99 64.2 31.9 95.9

61 40.8 20.4 61.3





#29

1,1-Dichloropropene

Concen: 9.730 ug/l

RT: 5.13 min Scan# 1256

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

Instrument :

MSVOA_U

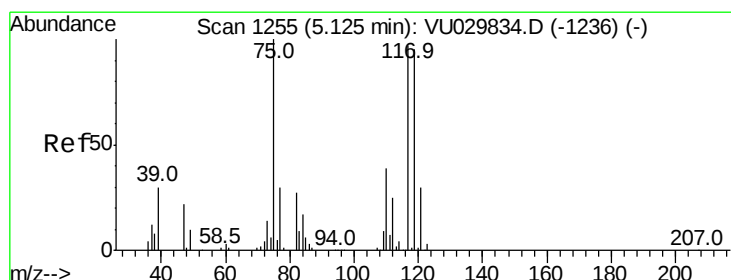
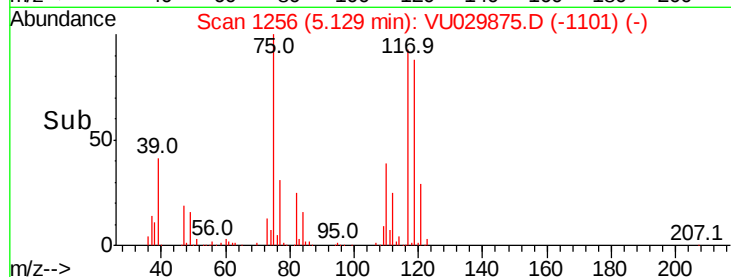
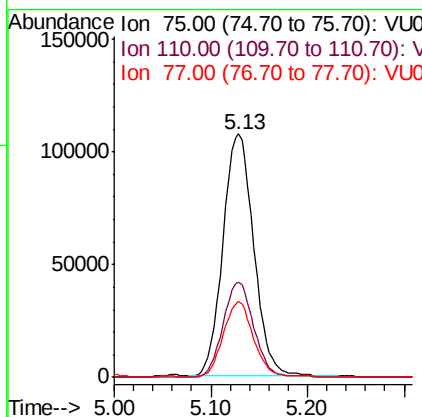
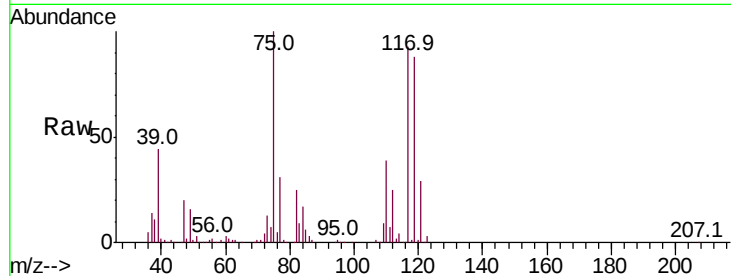
ClientSampleId :

VSTDCCC010

Tot Ion:	75	Resp:	237273
Ion Ratio	Lower	Upper	
75	100		
110	39.5	19.1	57.5
77	30.9	23.9	35.9

Manual Integrations
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#30

Carbon Tetrachloride

Concen: 9.962 ug/l

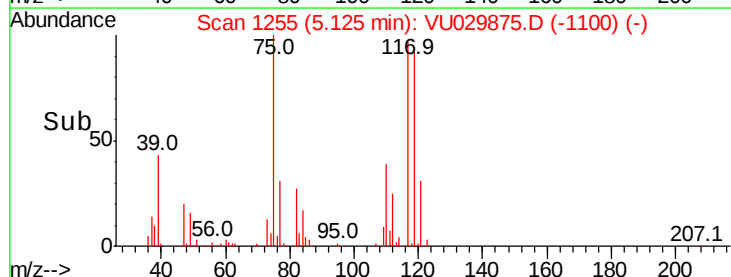
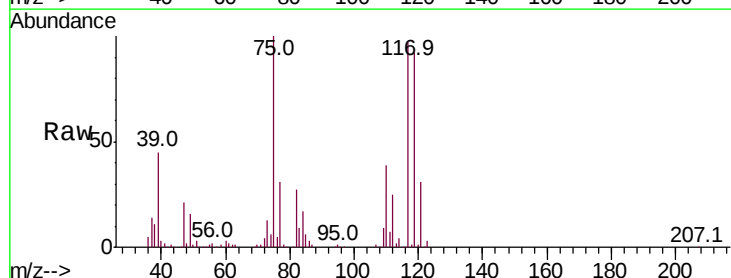
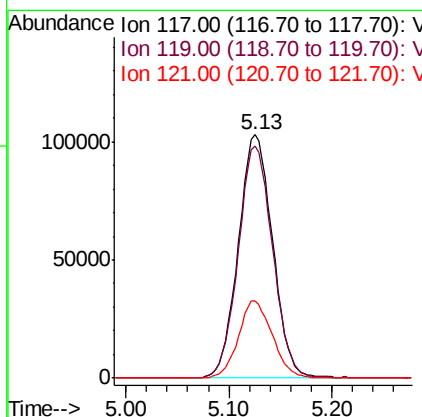
RT: 5.13 min Scan# 1255

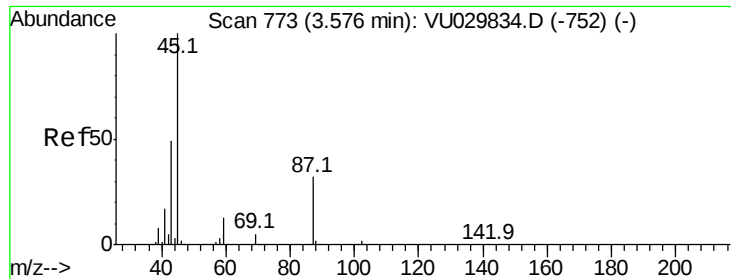
Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

Tgt Ion:	117	Resp:	238504
Ion Ratio	Lower	Upper	
117	100		
119	95.3	78.4	117.6
121	31.6	25.0	37.4





#31

Isopropyl Ether

Concen: 9.945 ug/l

RT: 3.57 min Scan# 772

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 45 Resp: 438412

Ion Ratio Lower Upper

45 100

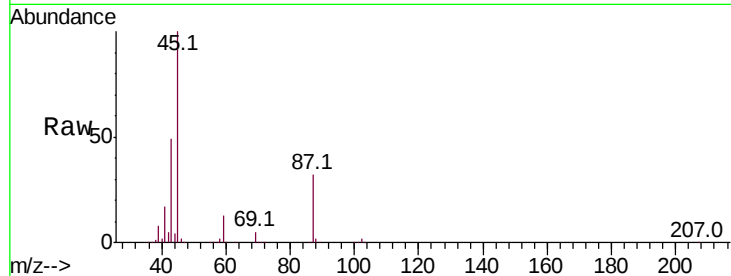
43 48.6 24.3 72.9

Manual Integrations

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Abundance Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

3.57

200000

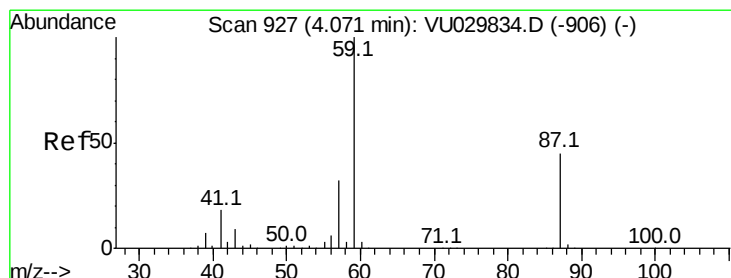
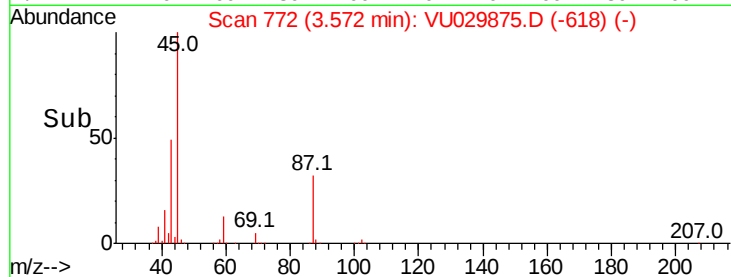
150000

100000

50000

0

Time-->



#32

Ethyl-t-butyl ether

Concen: 9.958 ug/l

RT: 4.07 min Scan# 927

Delta R.T. -0.00 min

Lab File: VU029875.D

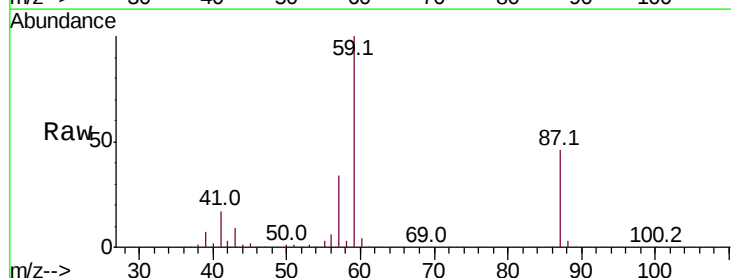
Acq: 08 Mar 2019 09:07

Tgt Ion: 59 Resp: 426717

Ion Ratio Lower Upper

59 100

87 45.2 36.2 54.4



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

4.07

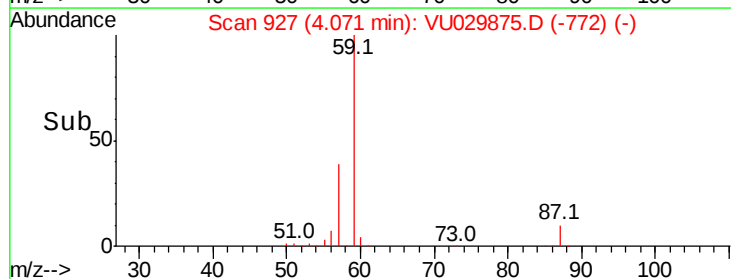
150000

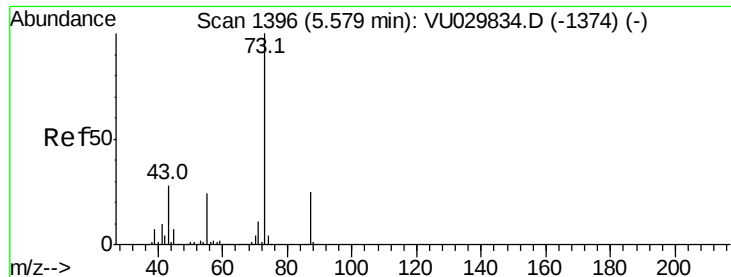
100000

50000

0

Time-->





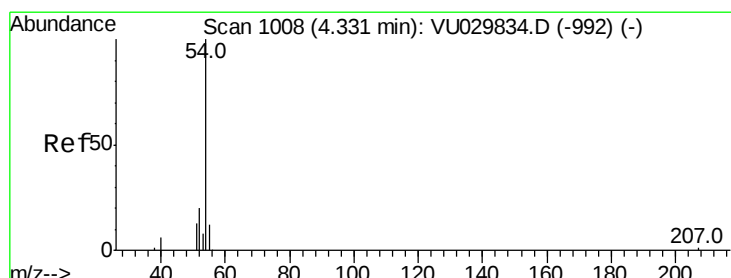
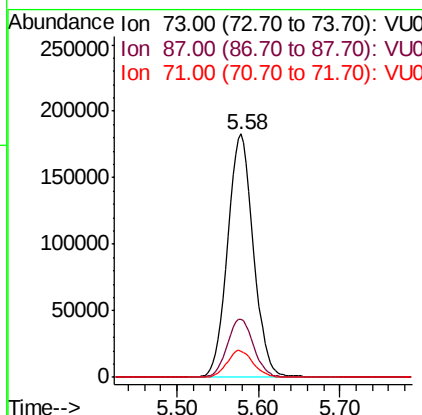
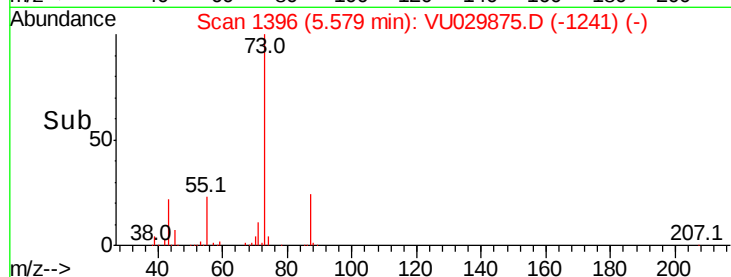
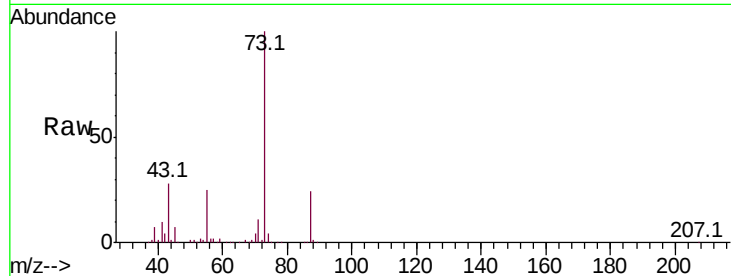
#33
Tert-Butyl methyl ether
Concen: 10.225 ug/l
RT: 5.58 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
73	100		
87	24.5	19.7	29.5
71	11.2	9.4	14.2

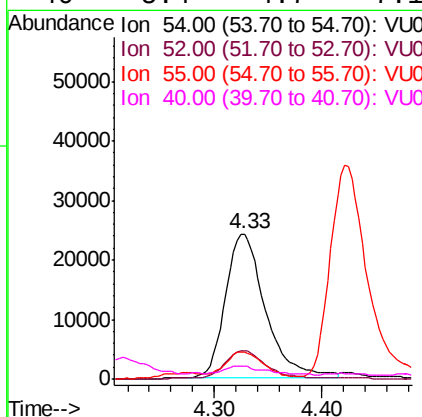
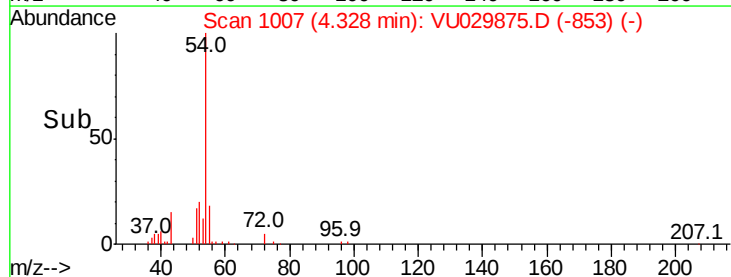
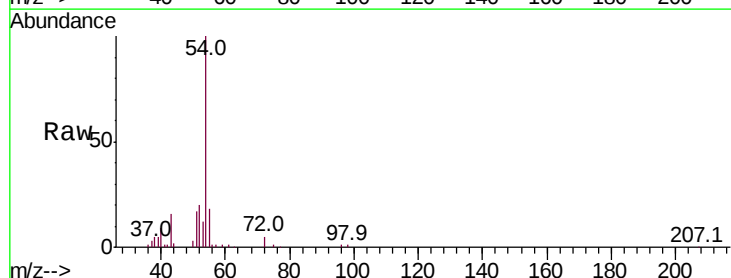
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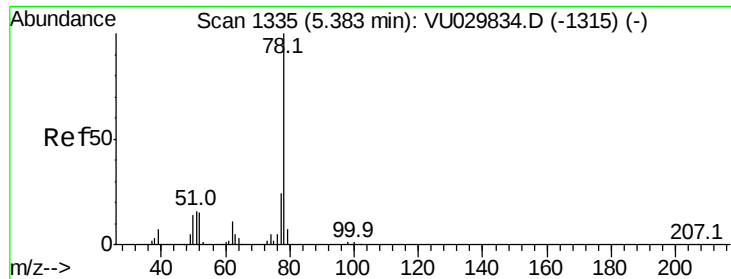
MMDadoda
3/11/2019 6:55:26 PM



#34
Propionitrile
Concen: 50.233 ug/l
RT: 4.33 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

Tgt Ion	Ratio	Lower	Upper
54	100		
52	20.8	16.1	24.1
55	15.7	11.2	16.8
40	5.4	4.7	7.1





#35

Benzene

Concen: 9.931 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 78 Resp: 713414

Ion Ratio Lower Upper

78 100

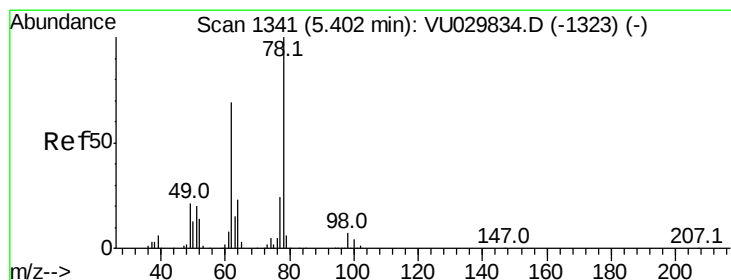
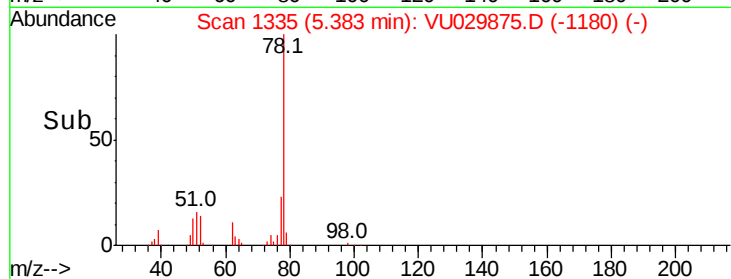
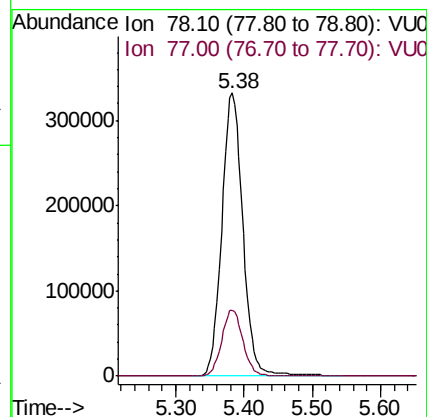
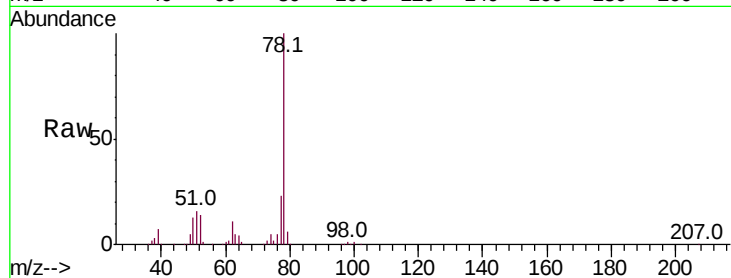
77 23.5 19.2 28.8

Manual Integrations

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#36

1,2-Dichloroethane

Concen: 9.607 ug/l

RT: 5.40 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VU029875.D

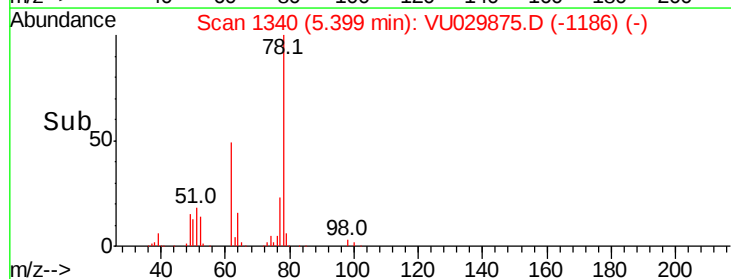
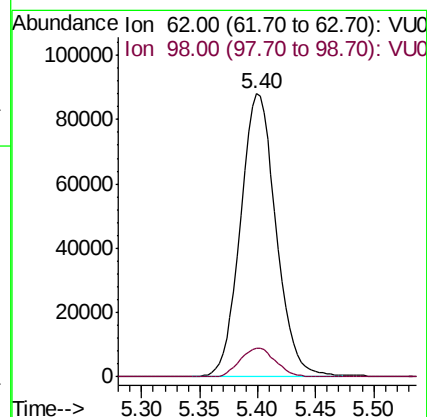
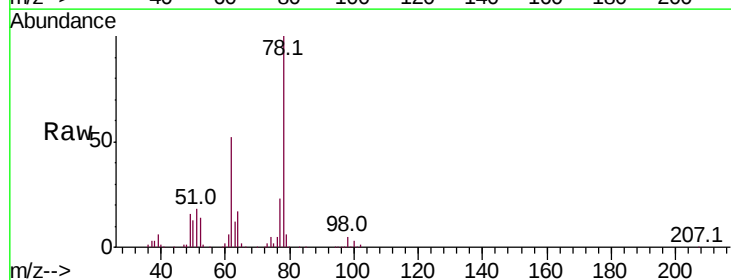
Acq: 08 Mar 2019 09:07

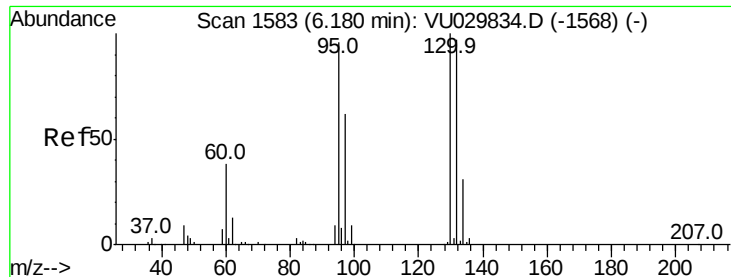
Tgt Ion: 62 Resp: 188505

Ion Ratio Lower Upper

62 100

98 10.2 8.2 12.2





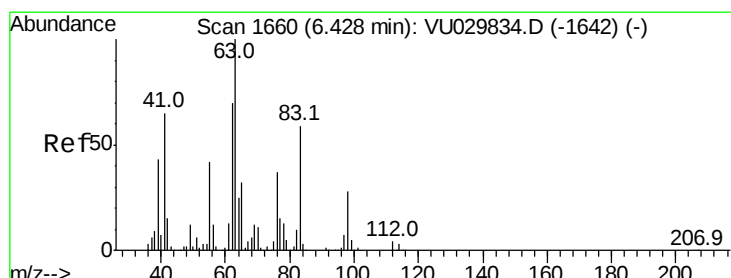
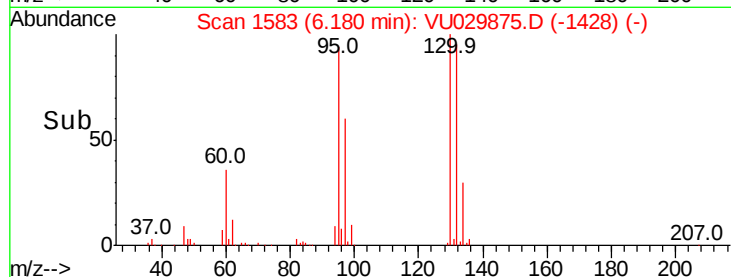
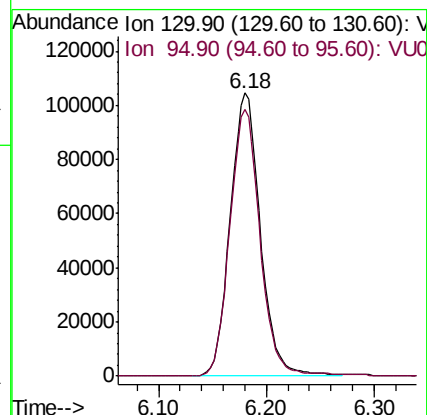
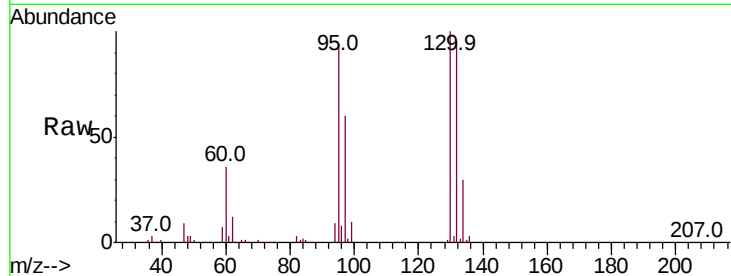
#37
 Trichloroethene
 Concen: 9.707 ug/l
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
130	100		
95	94.3	76.6	114.8

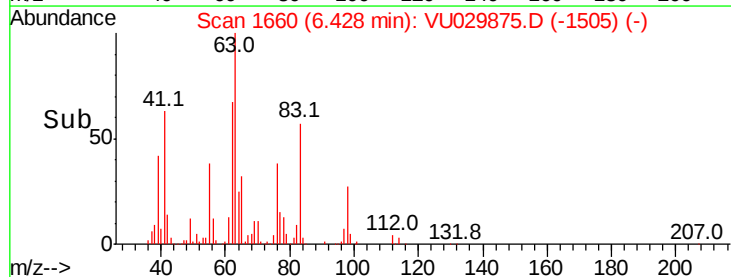
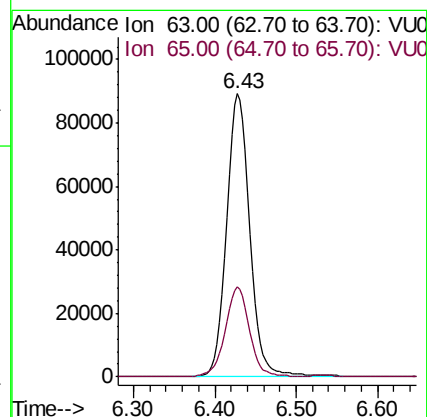
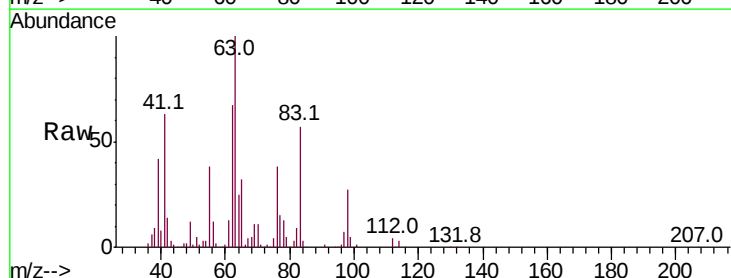
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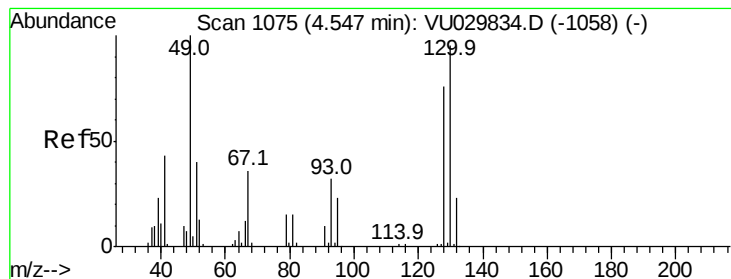
MMDadoda
 3/11/2019 6:55:26 PM



#38
 1,2-Dichloropropane
 Concen: 9.940 ug/l
 RT: 6.43 min Scan# 1660
 Delta R.T. -0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.7	25.4	38.2





#39

Methacrylonitrile

Concen: 9.982 ug/l

RT: 4.54 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 41 Resp: 51836

Ion Ratio Lower Upper

41 100

67 83.7 68.4 102.6

39 55.0 42.6 63.8

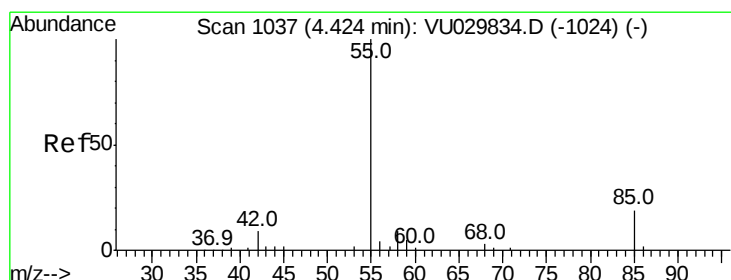
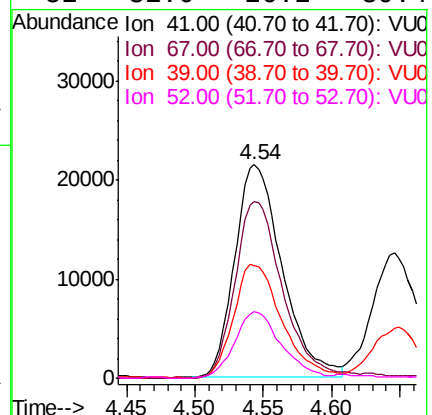
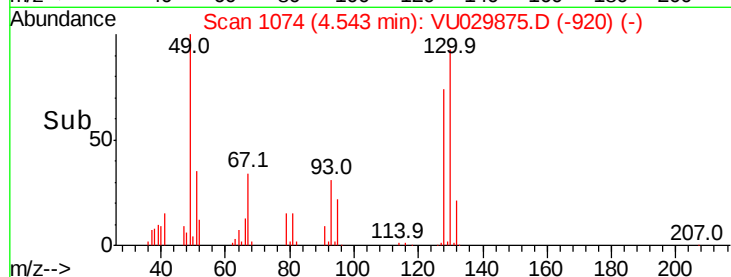
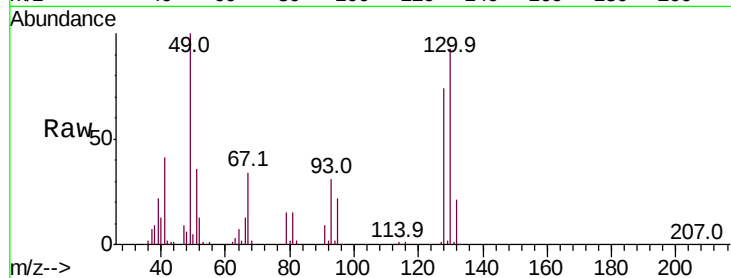
52 31.0 26.2 39.4

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#40

Methyl acrylate

Concen: 10.152 ug/l

RT: 4.42 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

Tgt Ion: 55 Resp: 83335

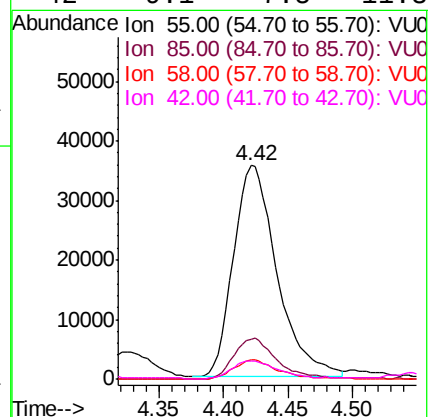
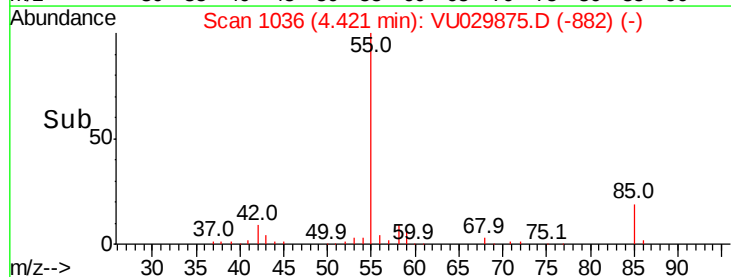
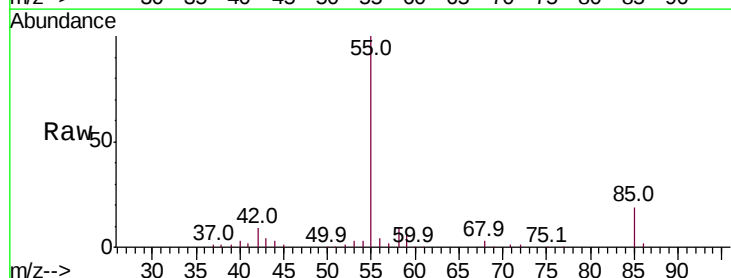
Ion Ratio Lower Upper

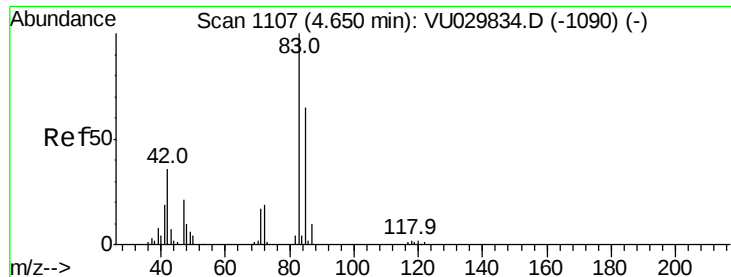
55 100

85 18.9 15.2 22.8

58 8.9 7.6 11.4

42 9.1 7.5 11.3





#41

Tetrahydrofuran

Concen: 18.973 ug/l

RT: 4.65 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

Instrument :

MSVOA_U

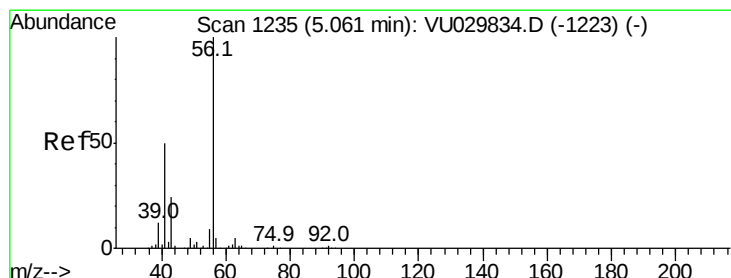
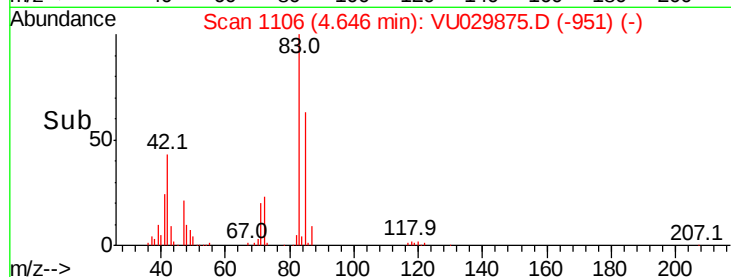
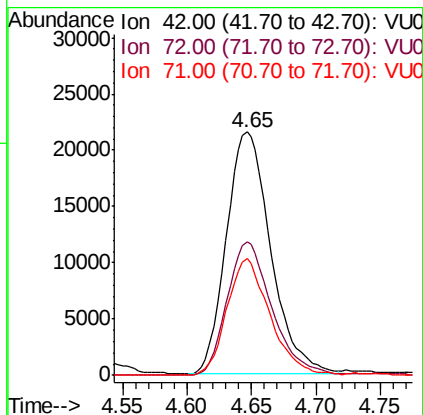
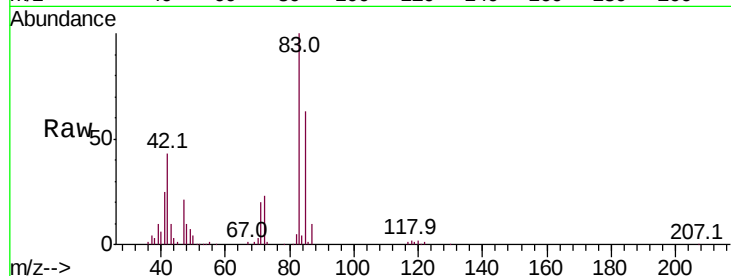
ClientSampleId :

VSTDCCC010

Tot Ion:	42	Resp:	51534
Ion	Ratio	Lower	Upper
42	100		
72	55.9	43.6	65.4
71	46.6	37.5	56.3

Manual Integrations
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#42

1-Chlorobutane

Concen: 9.971 ug/l

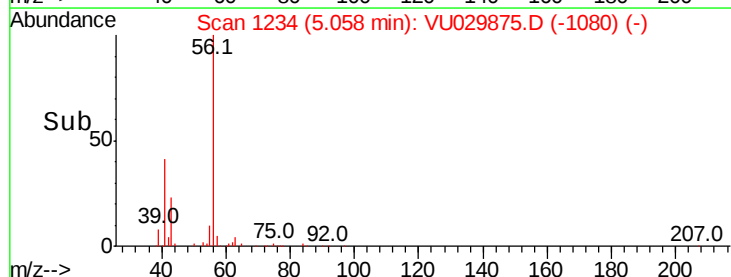
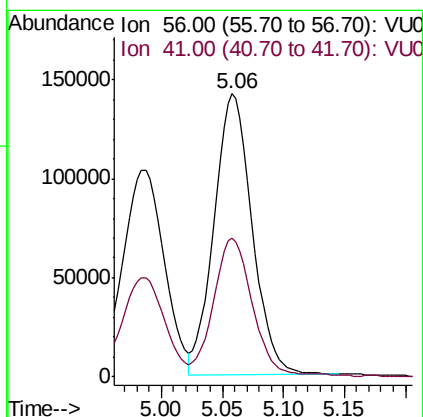
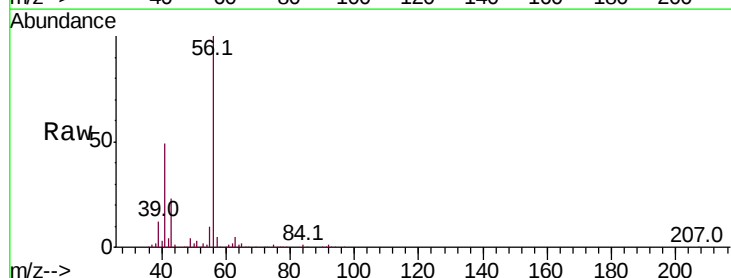
RT: 5.06 min Scan# 1234

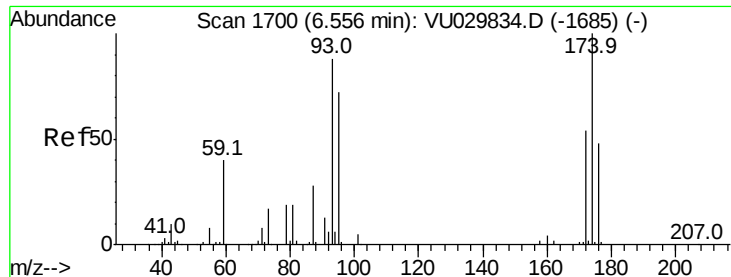
Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

Tgt Ion:	56	Resp:	310660
Ion	Ratio	Lower	Upper
56	100		
41	48.0	25.0	75.0





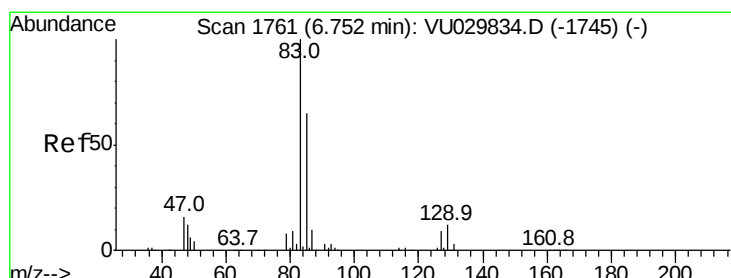
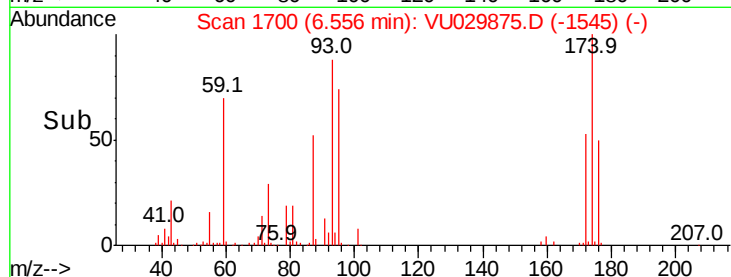
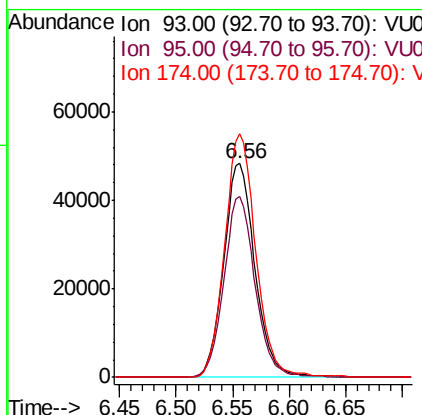
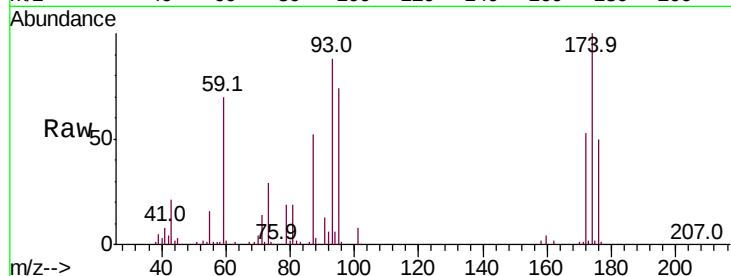
#43
Dibromomethane
Concen: 9.869 ug/l
RT: 6.56 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
93	100		
95	84.3	67.0	100.6
174	113.5	91.4	137.2

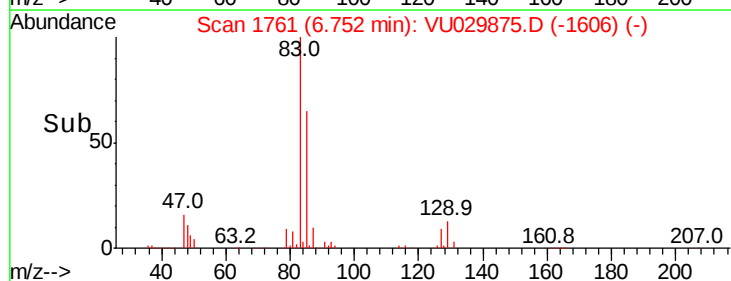
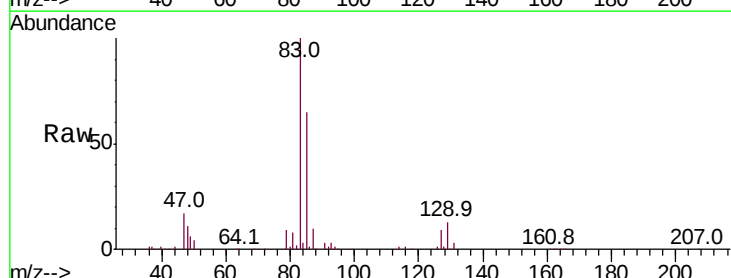
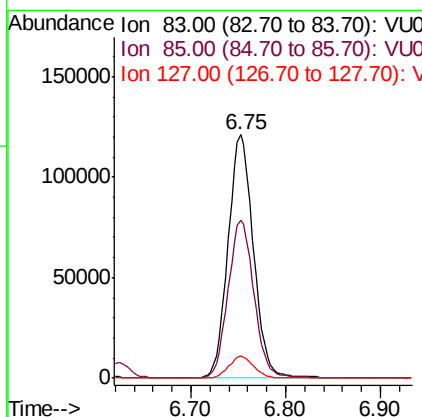
Manual Integrations
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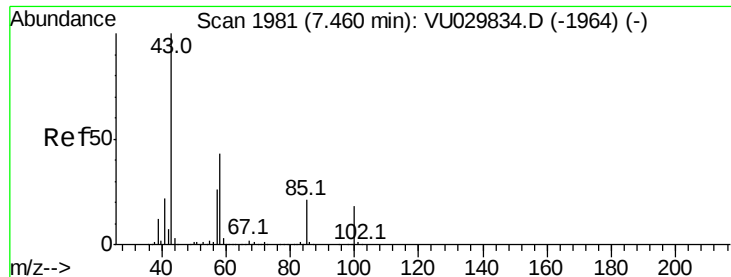
MMDadoda
3/11/2019 6:55:26 PM



#44
Bromodichloromethane
Concen: 9.759 ug/l
RT: 6.75 min Scan# 1761
Delta R.T. -0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.7	77.5
127	8.9	7.4	11.2





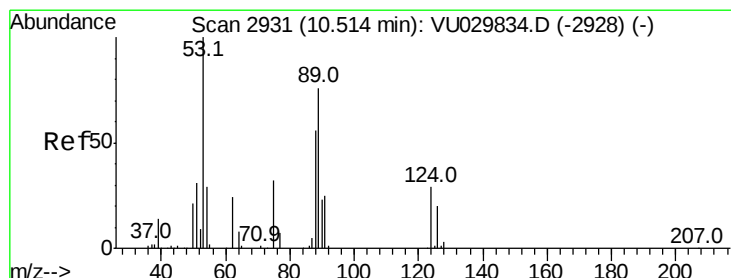
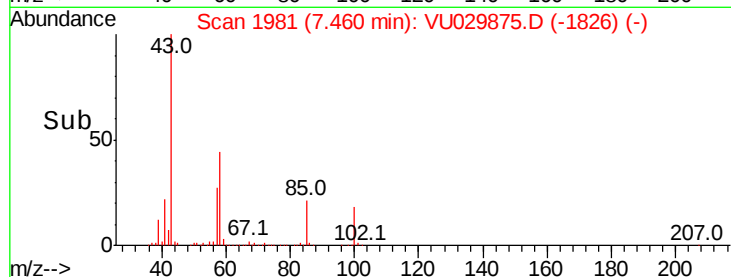
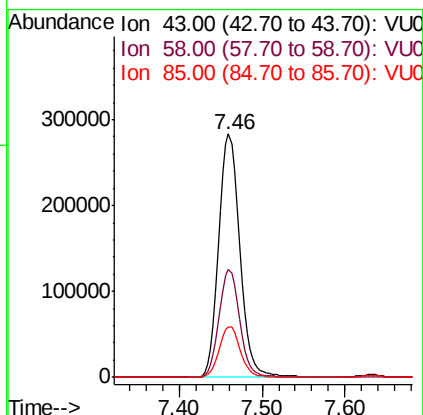
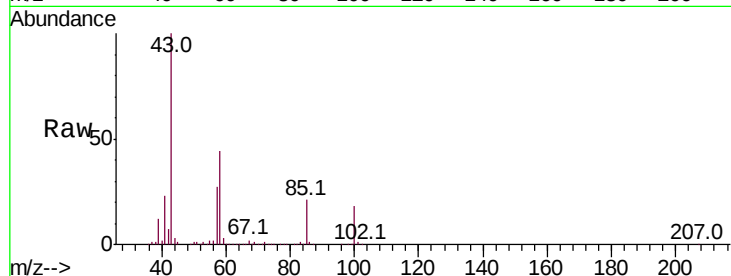
#45
4-Methyl-2-Pentanone
Concen: 50.900 ug/l
RT: 7.46 min Scan# 1981
Delta R.T. -0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
43	100		
58	43.3	21.6	65.0
85	20.7	16.5	24.7

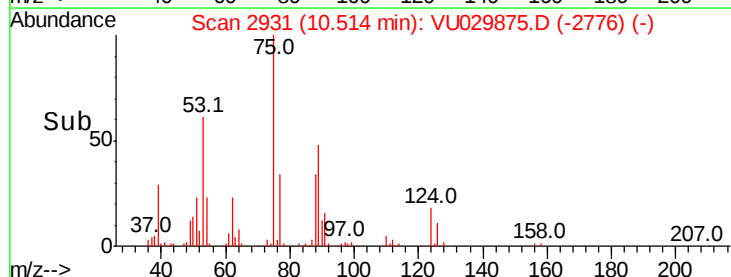
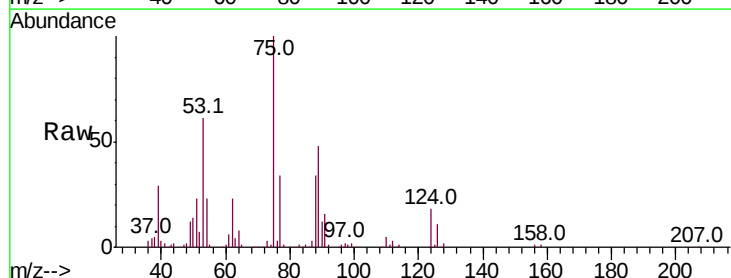
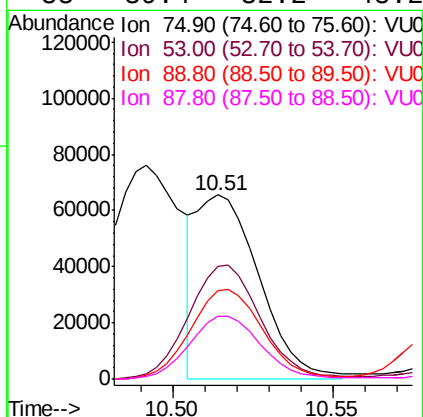
Manual Integrations
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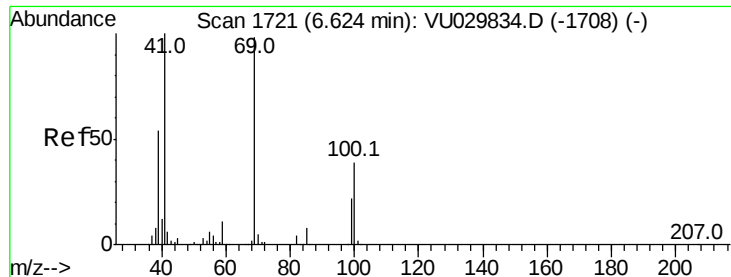
MMDadoda
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#46
t-1,4-Dichloro-2-butene
Concen: 21.492 ug/l m
RT: 10.51 min Scan# 2931
Delta R.T. -0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

Tgt Ion	Ratio	Lower	Upper
75	100		
53	71.6	59.2	88.8
89	56.6	44.9	67.3
88	39.4	32.2	48.2





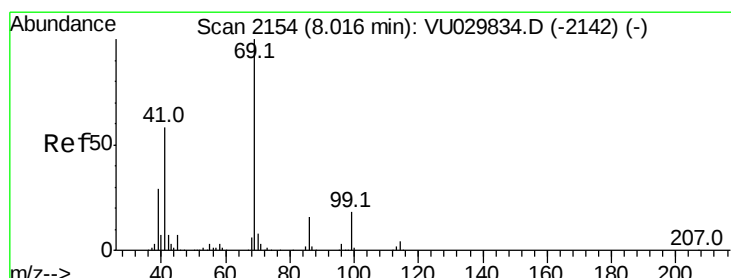
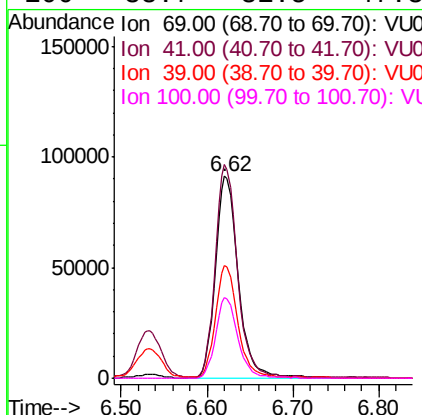
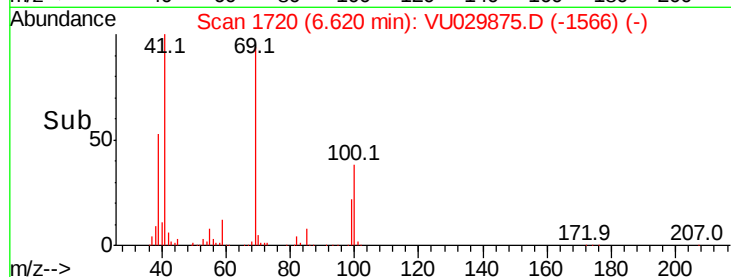
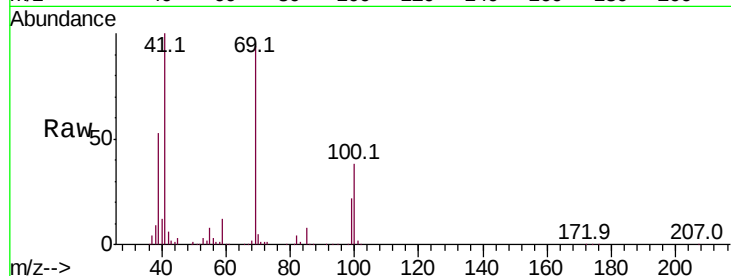
#47
Methvl methacrylate
Concen: 21.060 ug/l
RT: 6.62 min Scan# 1720
Delta R.T. -0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ion	Ratio	Lower	Upper
69	100			
41	101.1	0.0	201.0	
39	52.9	43.3	64.9	
100	38.7	31.5	47.3	

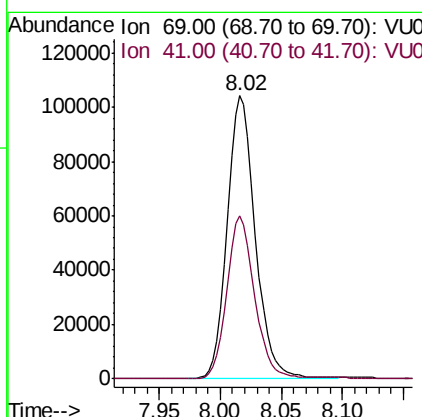
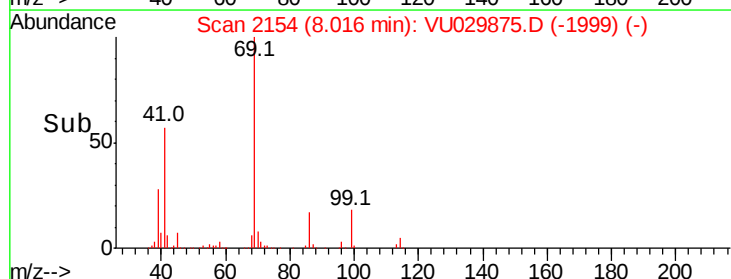
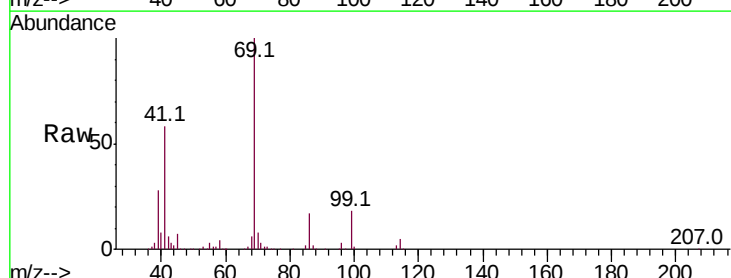
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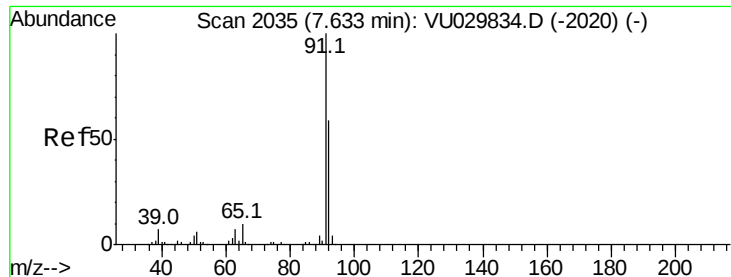
MMDadoda
3/11/2019 6:55:26 PM



#48
Ethyl methacrylate
Concen: 10.869 ug/l
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	57.2	29.0	87.1	





#49

Toluene

Concen: 10.119 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 92 Resp: 446408

Ion Ratio Lower Upper

92 100

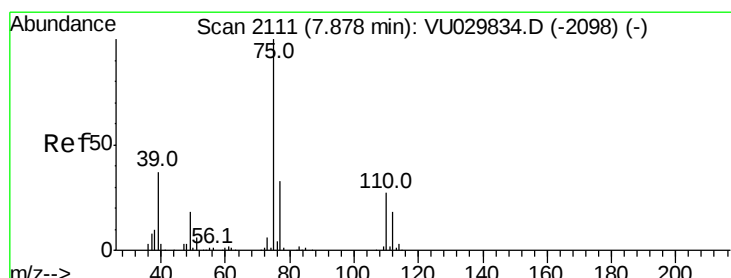
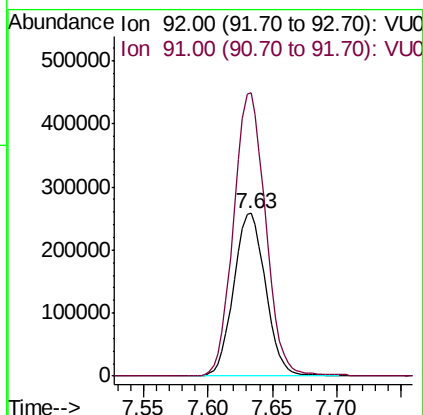
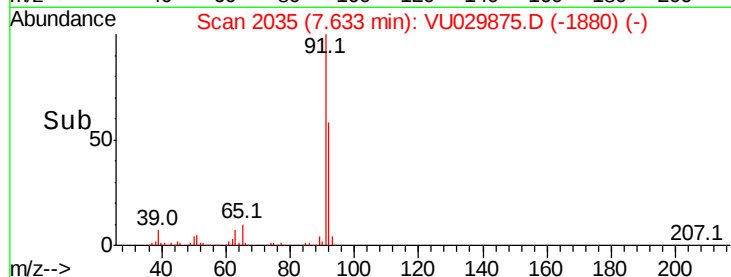
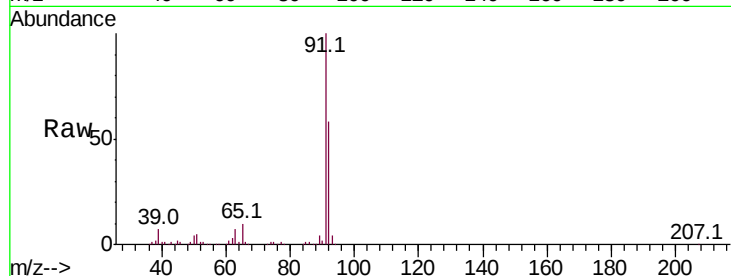
91 175.0 137.8 206.8

Manual Integrations

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#50

t-1,3-Dichloropropene

Concen: 10.322 ug/l

RT: 7.88 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VU029875.D

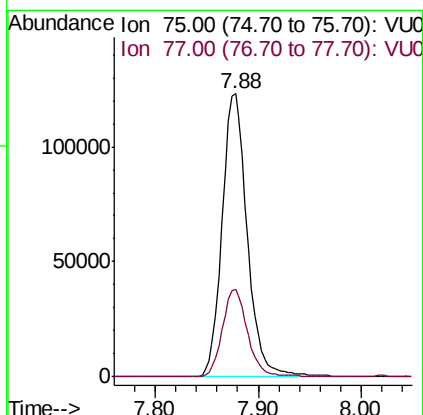
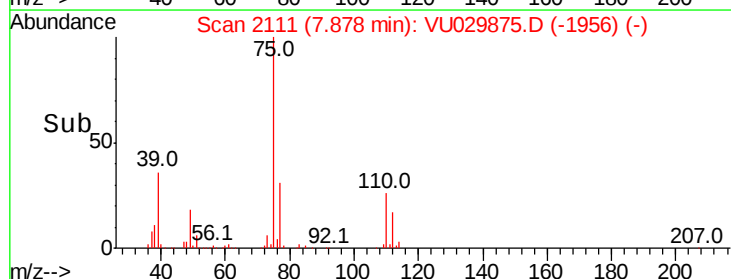
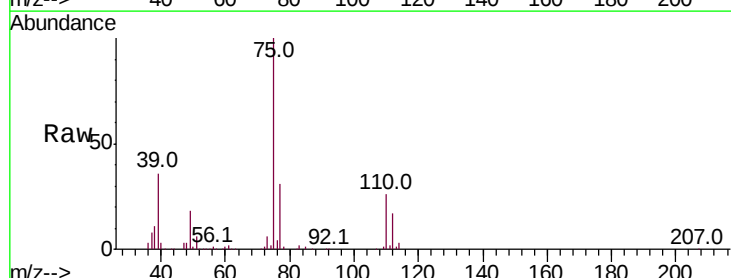
Acq: 08 Mar 2019 09:07

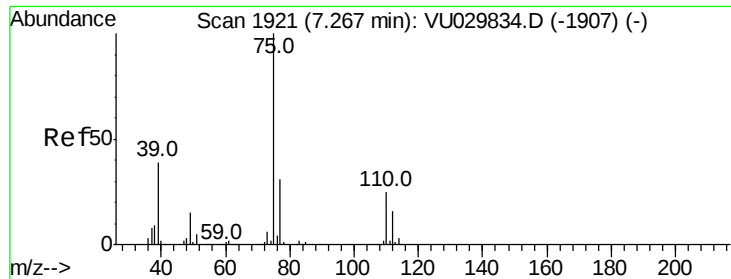
Tgt Ion: 75 Resp: 209369

Ion Ratio Lower Upper

75 100

77 31.1 26.4 39.6





#51

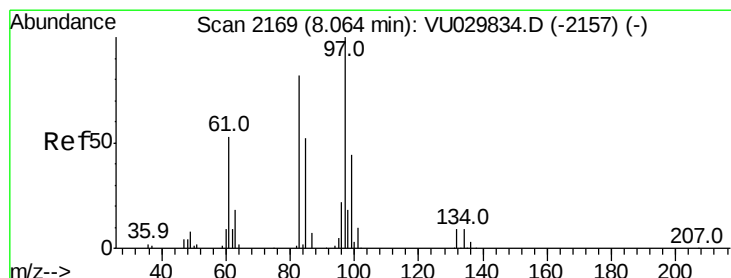
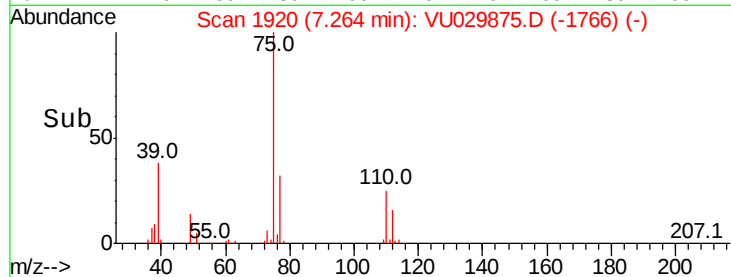
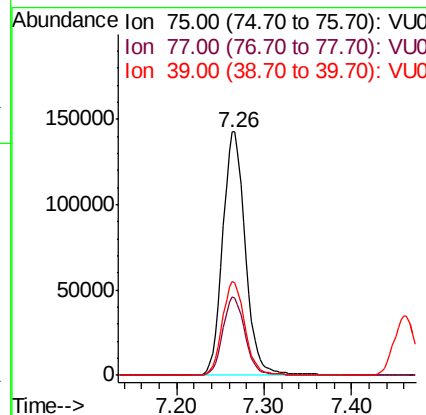
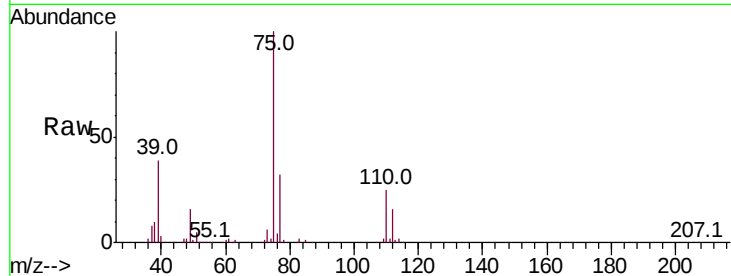
cis-1,3-Dichloropropene
Concen: 10.249 ug/l
RT: 7.26 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.9	37.3
39	38.5	30.8	46.2

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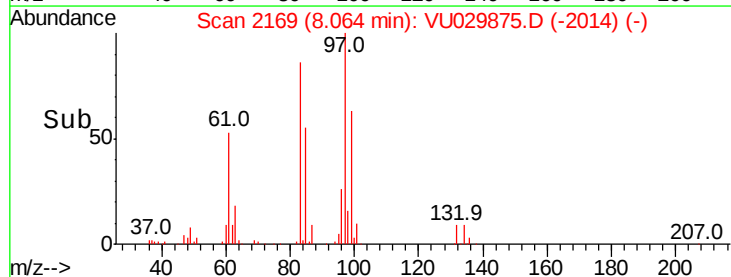
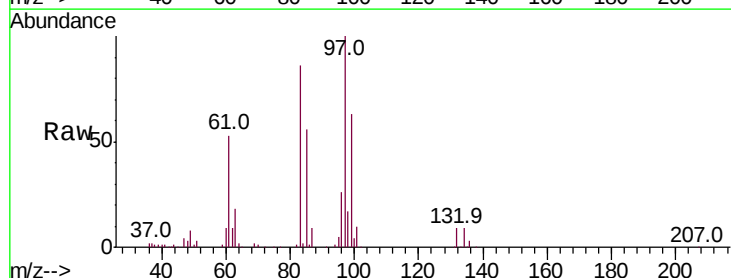
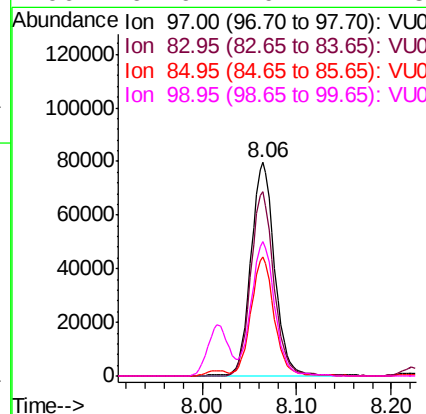
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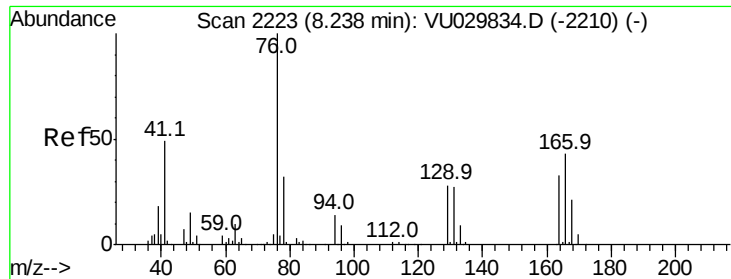


#52

1,1,2-Trichloroethane
Concen: 9.922 ug/l
RT: 8.06 min Scan# 2169
Delta R.T. -0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.2	65.9	98.9
85	55.7	43.0	64.6
99	62.9	49.7	74.5





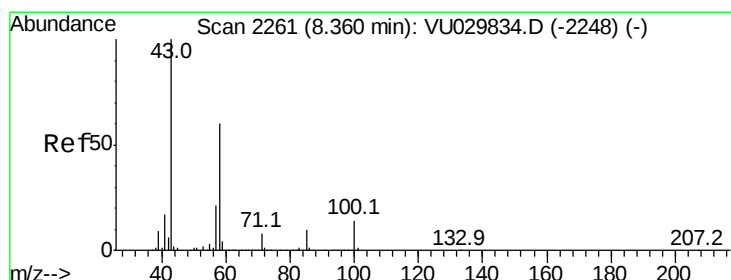
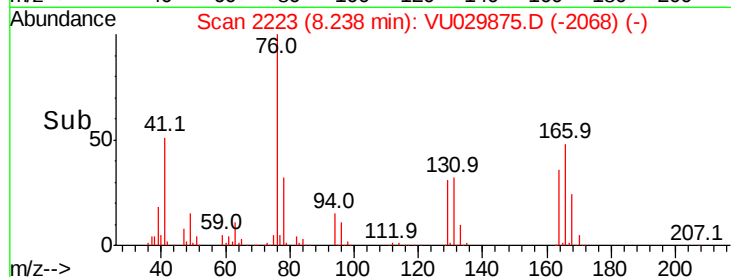
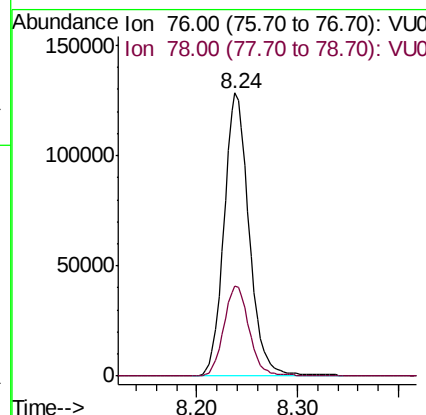
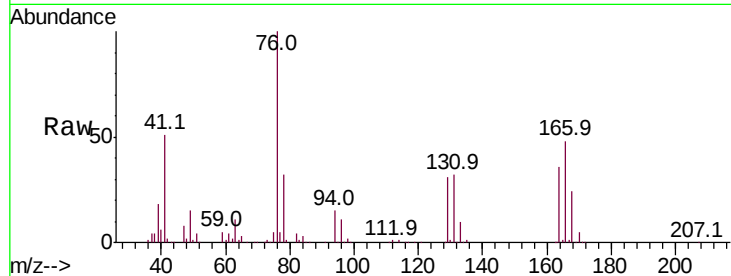
#53
 1,3-Dichloropropane
 Concen: 9.763 ug/l
 RT: 8.24 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion: 76 Resp: 22381
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.7 38.5

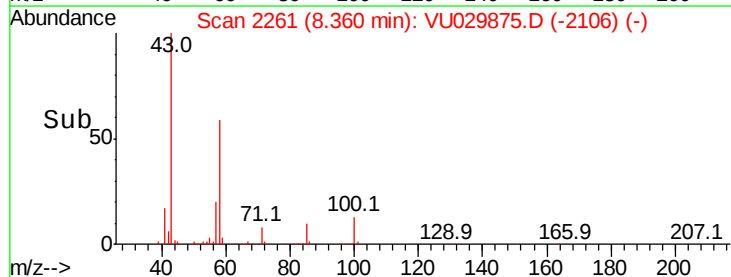
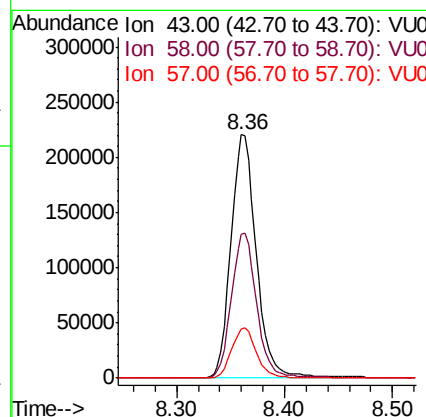
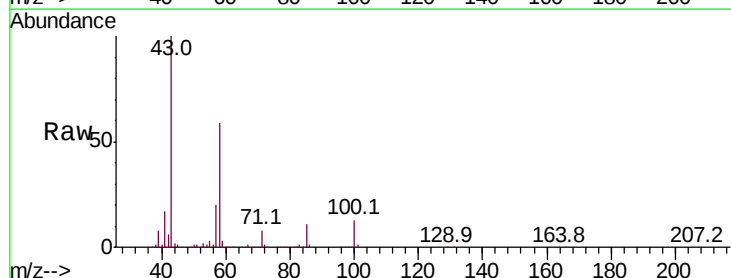
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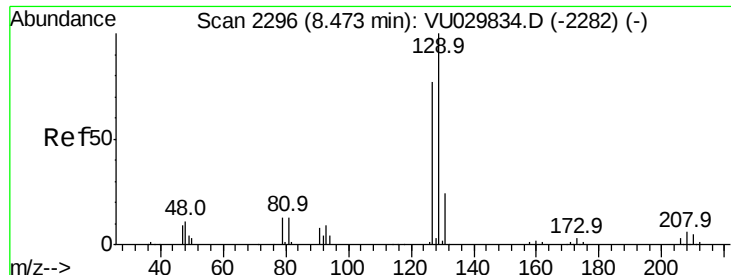
MMDadoda
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#54
 2-Hexanone
 Concen: 52.955 ug/l
 RT: 8.36 min Scan# 2261
 Delta R.T. -0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

Tgt Ion: 43 Resp: 361493
 Ion Ratio Lower Upper
 43 100
 58 59.8 39.6 79.6
 57 20.4 0.5 40.5





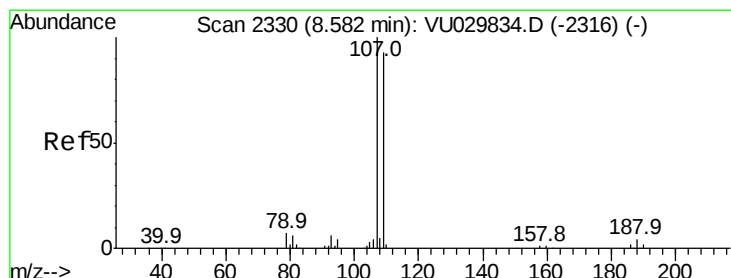
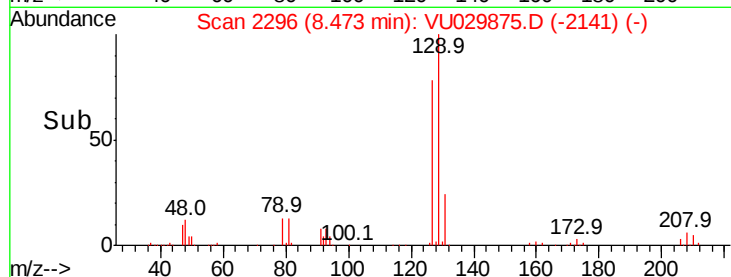
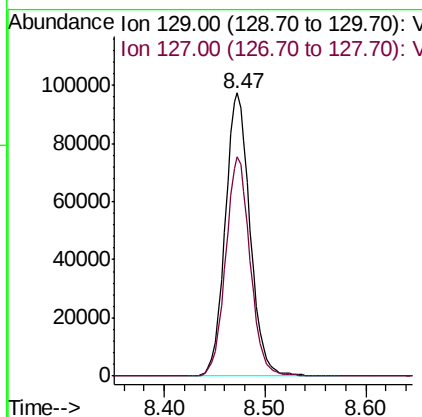
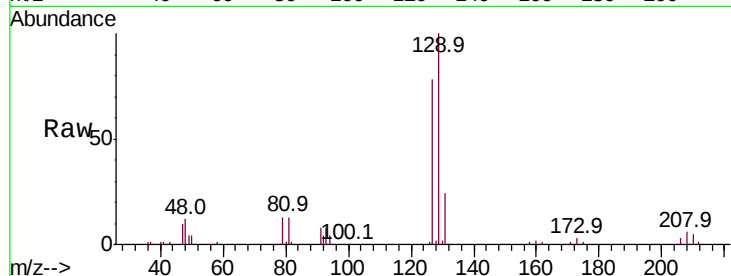
#55
Dibromochloromethane
Concen: 10.097 ug/l
RT: 8.47 min Scan# 2296
Delta R.T. -0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
129	100		
127	76.4	61.6	92.4

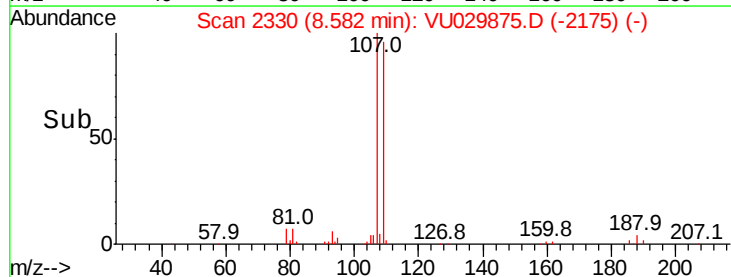
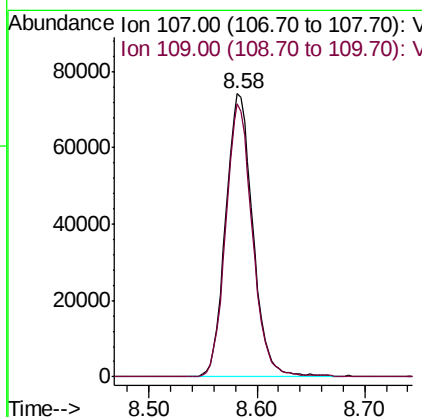
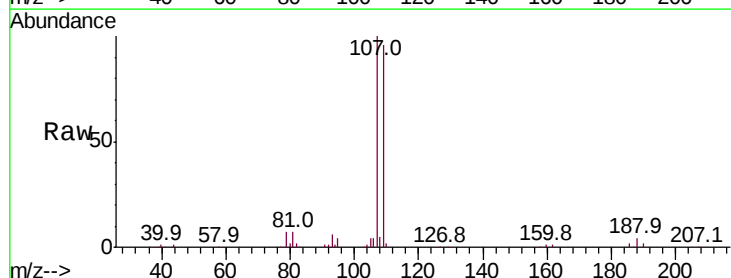
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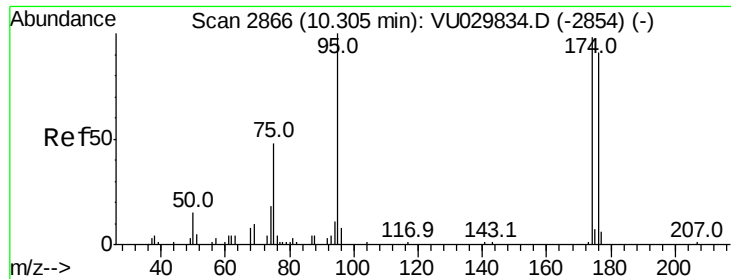
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#56
1,2-Dibromoethane
Concen: 9.844 ug/l
RT: 8.58 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.5	0.0	188.4





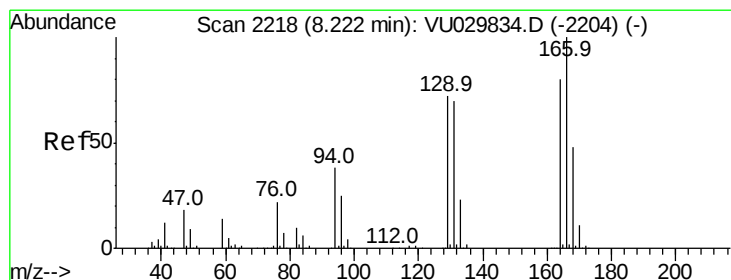
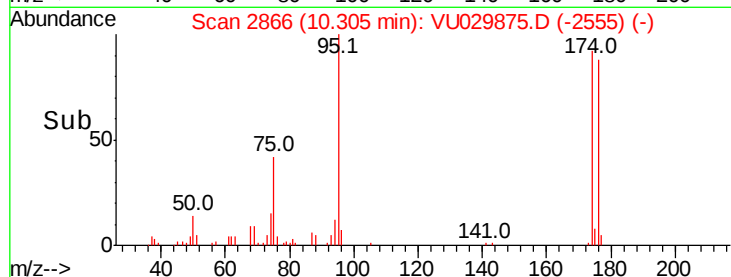
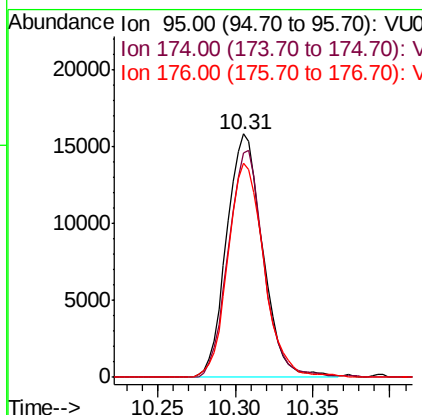
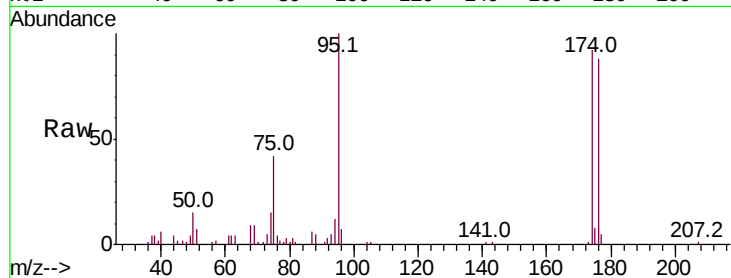
#57
4-Bromofluorobenzene
Concen: 9.844 ug/l
RT: 10.31 min Scan# 2866
Delta R.T. -0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion: 95 Resp: 25638
Ion Ratio Lower Upper
95 100
174 91.2 76.5 114.7
176 87.7 74.2 111.2

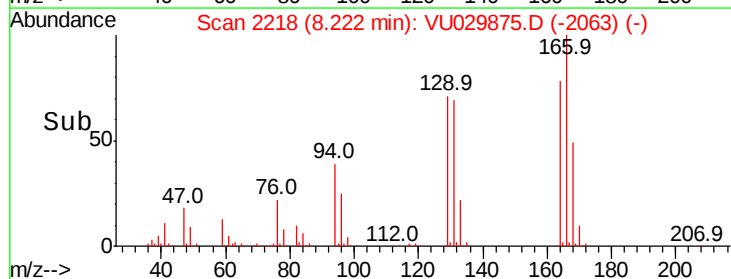
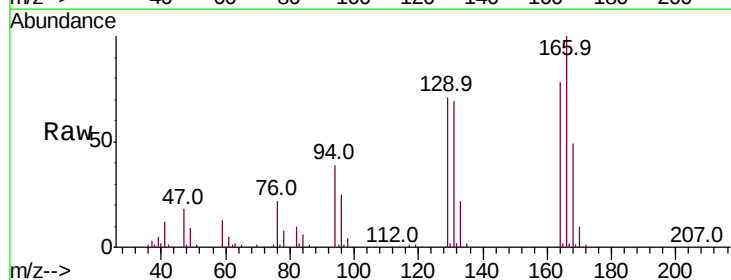
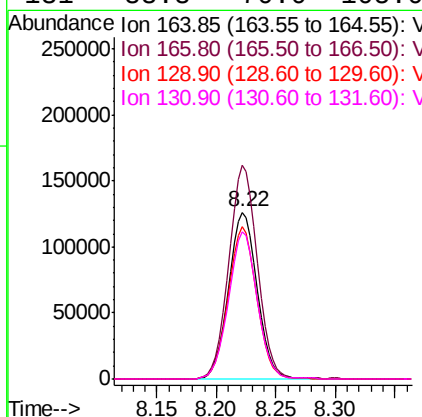
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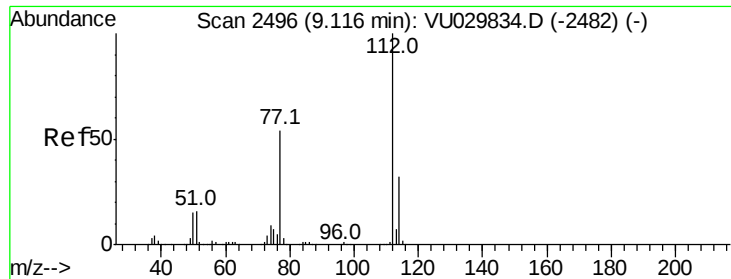
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#58
Tetrachloroethene
Concen: 9.846 ug/l
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

Tgt Ion: 164 Resp: 210942
Ion Ratio Lower Upper
164 100
166 128.3 100.5 150.7
129 91.7 72.3 108.5
131 88.8 70.0 105.0





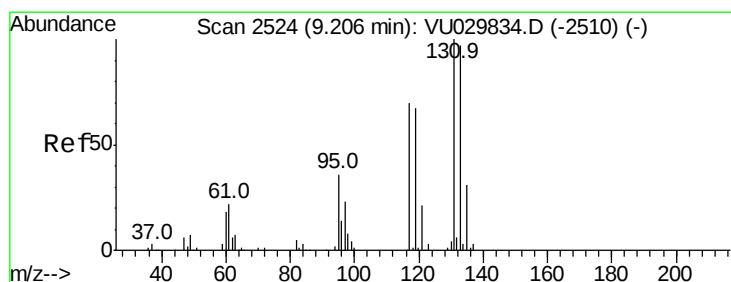
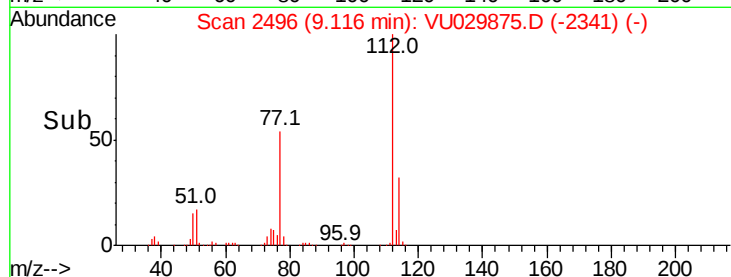
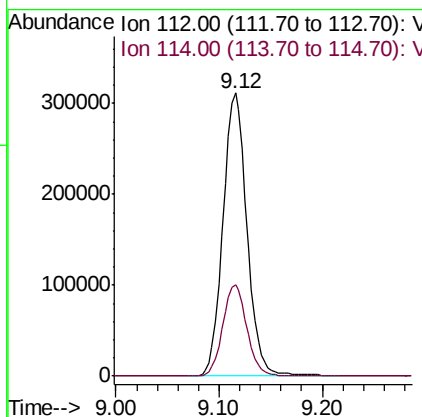
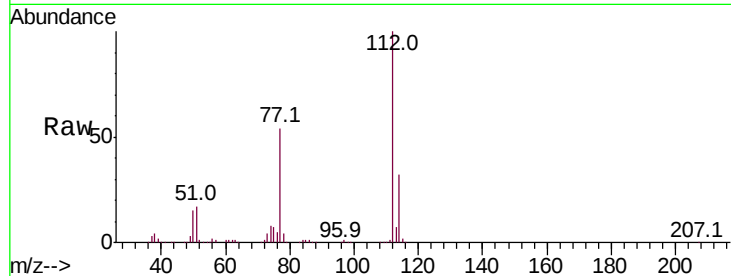
#59
Chlorobenzene
Concen: 9.985 ug/l
RT: 9.12 min Scan# 2496
Delta R.T. -0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Resp	Lower	Upper
112	100	506234		
114	32.4	25.4	38.2	

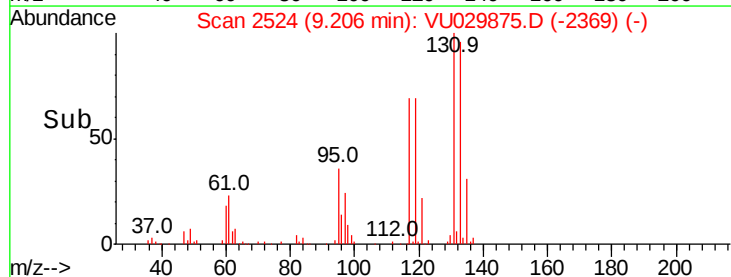
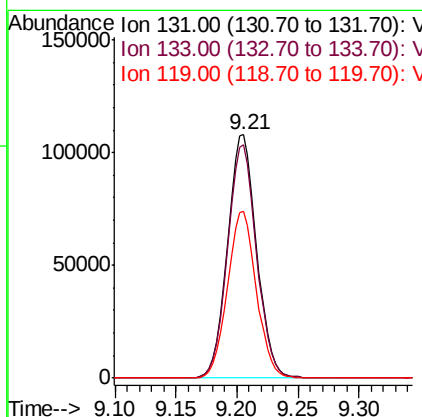
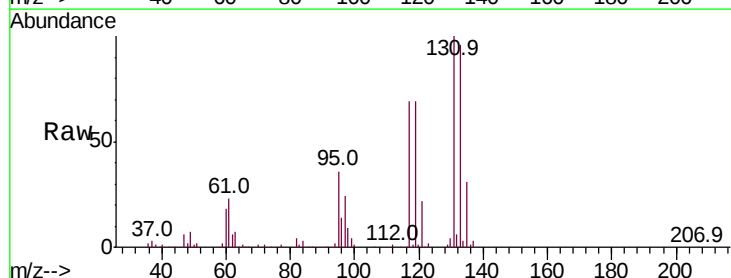
Manual Integrations
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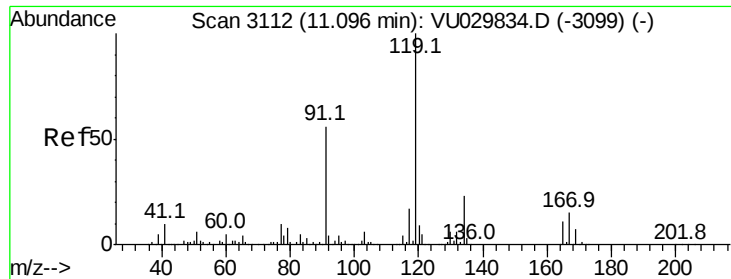
MMDadoda
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#60
1,1,1,2-Tetrachloroethane
Concen: 9.901 ug/l
RT: 9.21 min Scan# 2524
Delta R.T. -0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	180082		
133	95.4	76.4	114.6	
119	68.1	54.2	81.4	





#61

Pentachloroethane

Concen: 9.740 ug/l

RT: 11.10 min Scan# 3112

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion:117 Resp: 123337

Ion Ratio Lower Upper

117 100

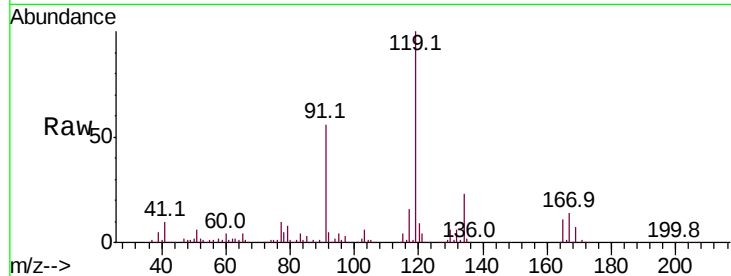
167 88.2 71.4 107.2

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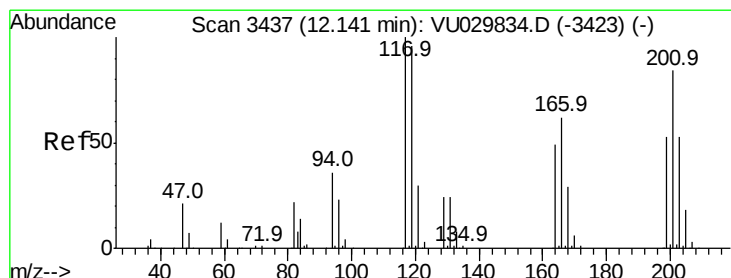
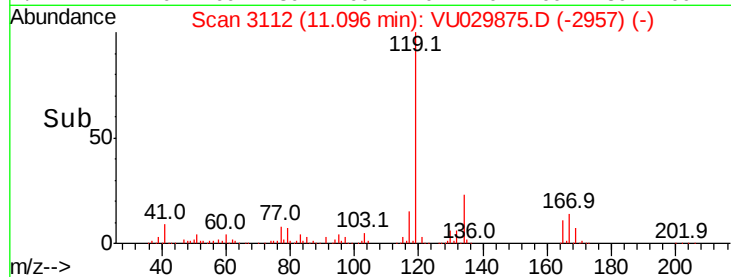
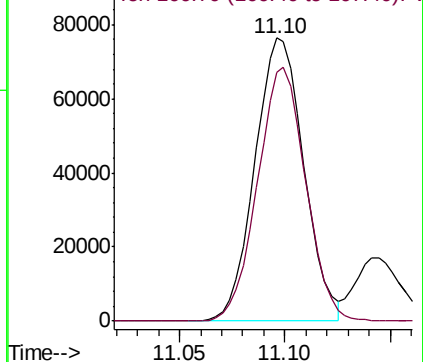
MMDadoda

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Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 10.537 ug/l

RT: 12.14 min Scan# 3437

Delta R.T. -0.00 min

Lab File: VU029875.D

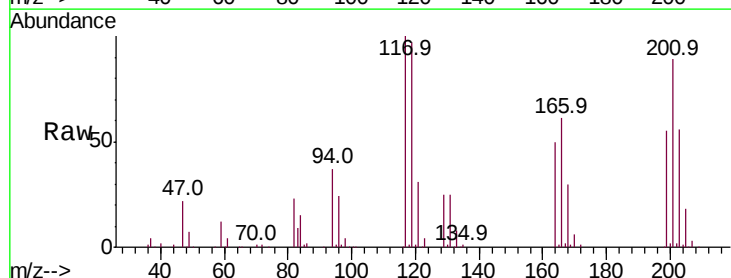
Acq: 08 Mar 2019 09:07

Tgt Ion:117 Resp: 140359

Ion Ratio Lower Upper

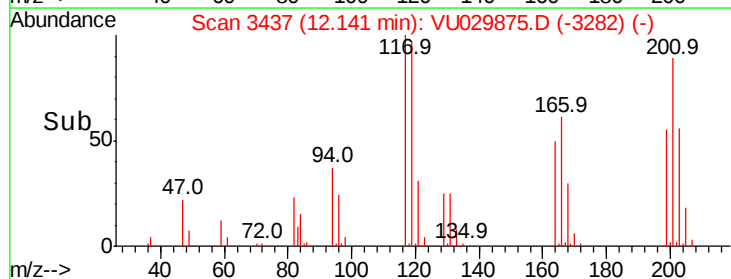
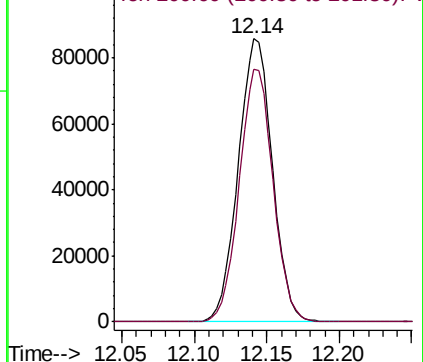
117 100

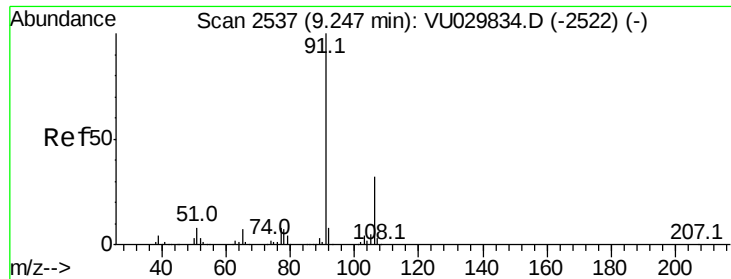
201 88.2 68.2 102.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V





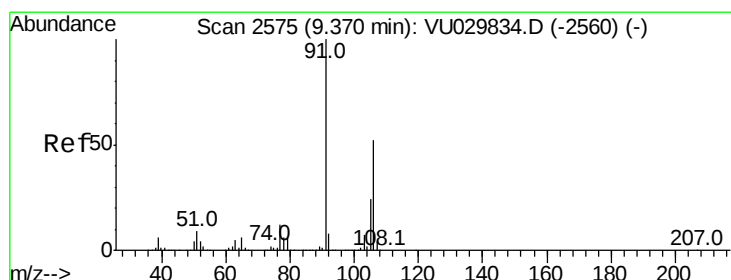
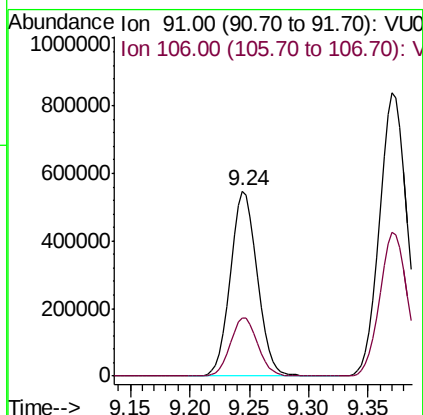
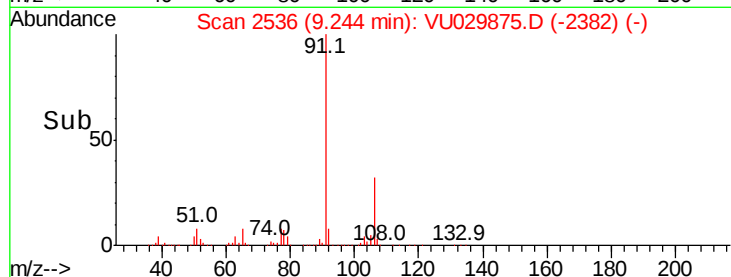
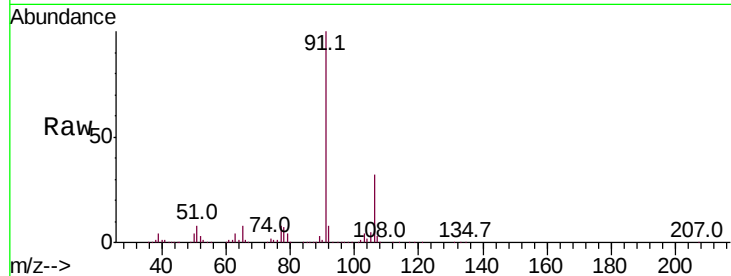
#63
Ethyl Benzene
Concen: 10.368 ug/l
RT: 9.24 min Scan# 2536
Delta R.T. -0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion: 91 Resp: 861137
Ion Ratio Lower Upper
91 100
106 31.6 25.7 38.5

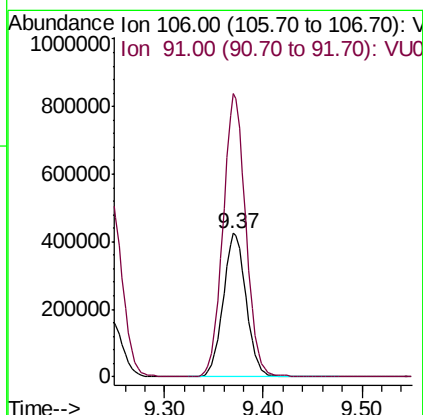
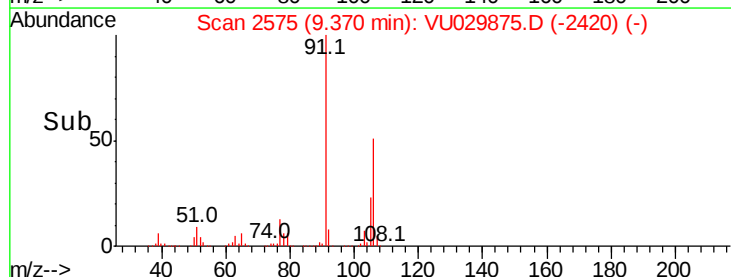
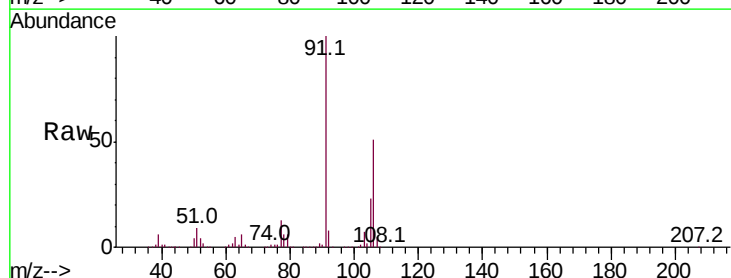
Manual Integrations
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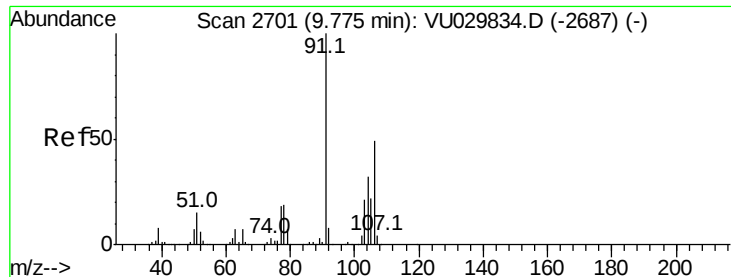
MMDadoda
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#64
m/p-Xylenes
Concen: 21.073 ug/l
RT: 9.37 min Scan# 2575
Delta R.T. -0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

Tgt Ion: 106 Resp: 691908
Ion Ratio Lower Upper
106 100
91 196.1 155.3 232.9





#65

o-Xylene

Concen: 10.483 ug/l

RT: 9.77 min Scan# 2701

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion:106 Resp: 330582

Ion Ratio Lower Upper

106 100

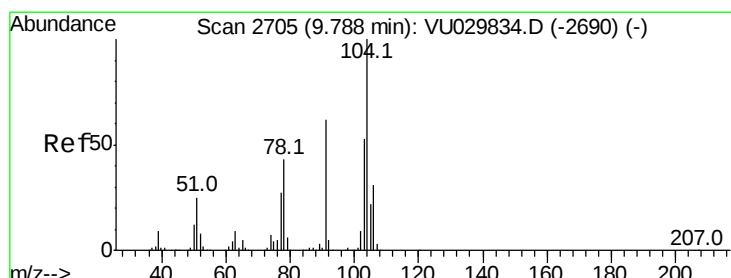
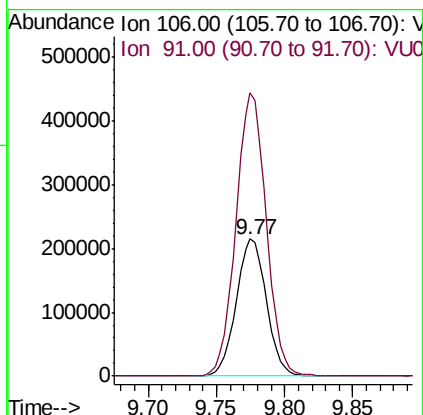
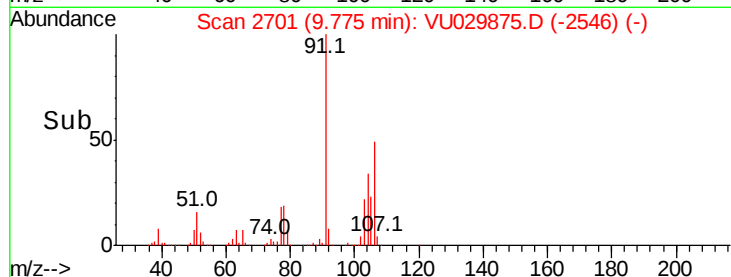
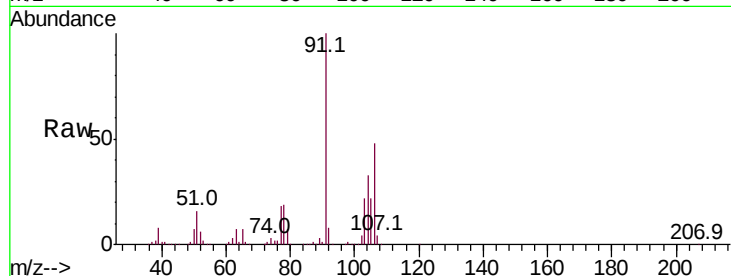
91 207.2 102.8 308.3

Manual Integrations

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#66

Styrene

Concen: 10.682 ug/l

RT: 9.79 min Scan# 2705

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

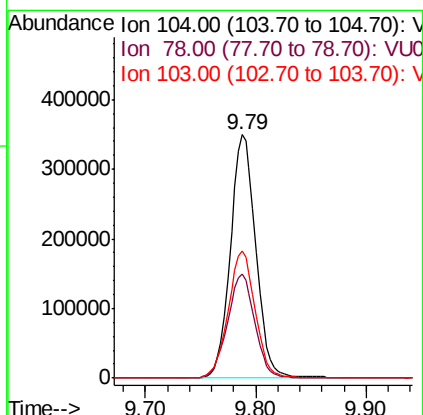
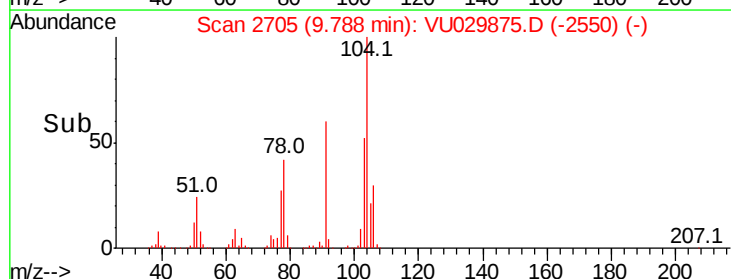
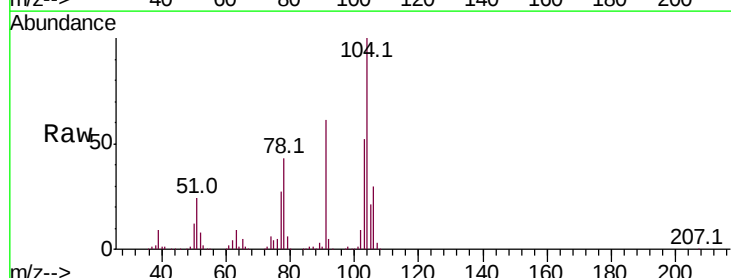
Tgt Ion:104 Resp: 559605

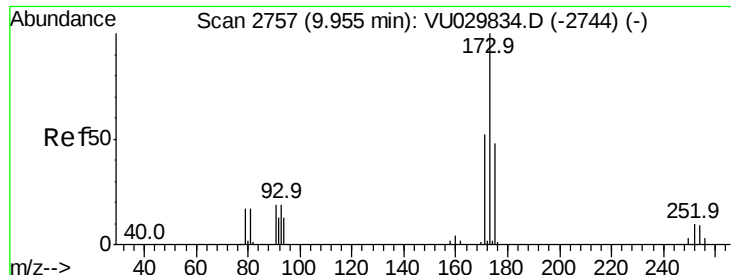
Ion Ratio Lower Upper

104 100

78 46.1 37.2 55.8

103 55.5 44.7 67.1





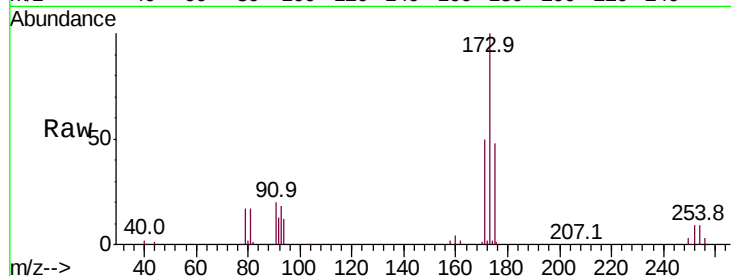
#67
Bromoform
Concen: 10.421 ug/l
RT: 9.95 min Scan# 2757
Delta R.T. -0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	38.6	57.8
254	9.4	7.4	11.2

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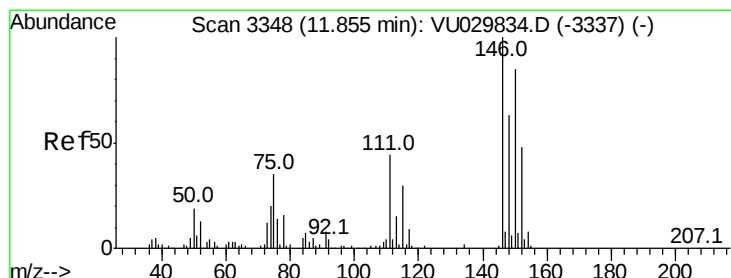
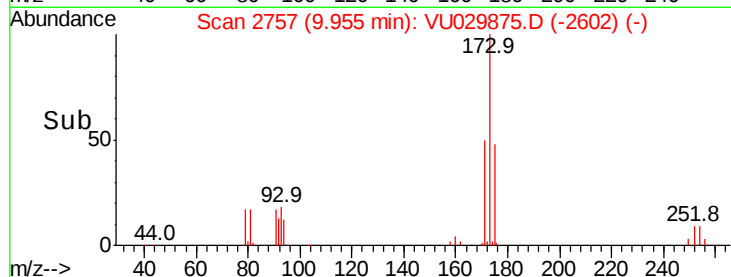
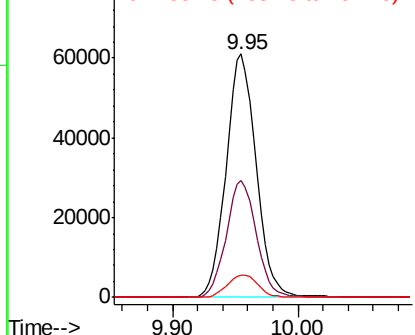


Abundance

Ion 172.90 (172.60 to 173.60): V

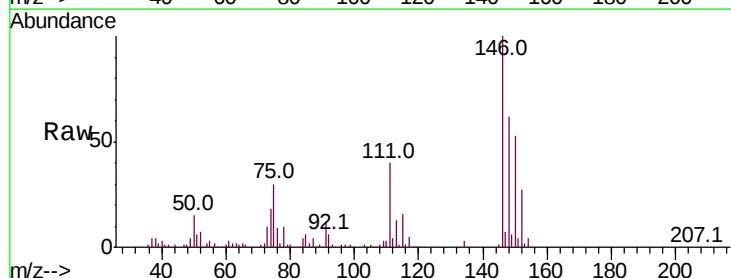
Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V



#68
1,2-Dichlorobenzene-d4
Concen: 10.421 ug/l
RT: 11.86 min Scan# 3349
Delta R.T. 0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.3	0.0	124.0
150	305.3	0.0	631.2

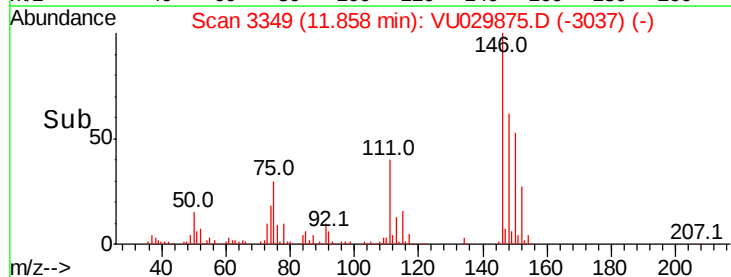
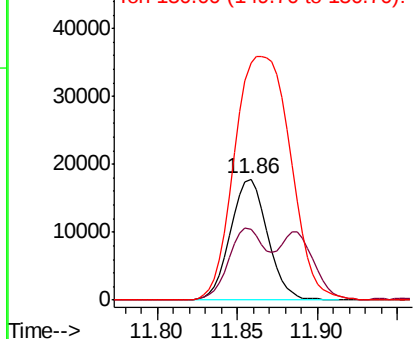


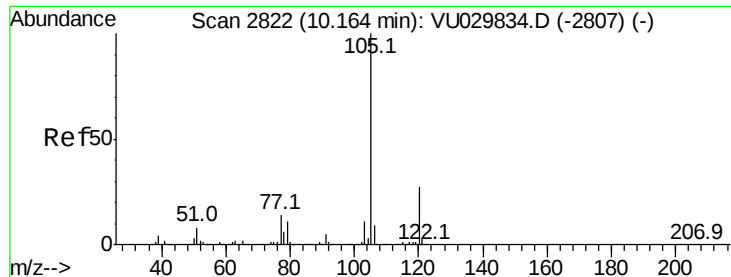
Abundance

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: 10.513 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion:105 Resp: 879116

Ion Ratio Lower Upper

105 100

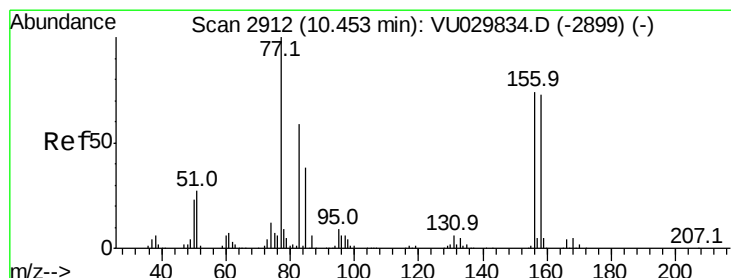
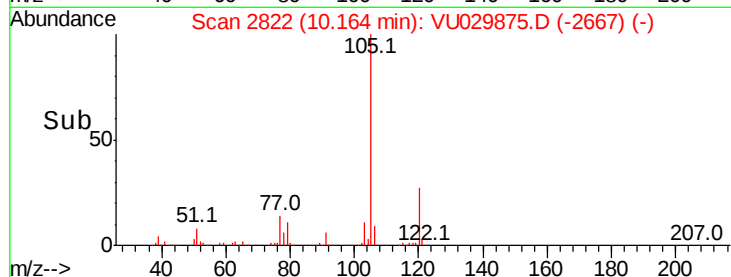
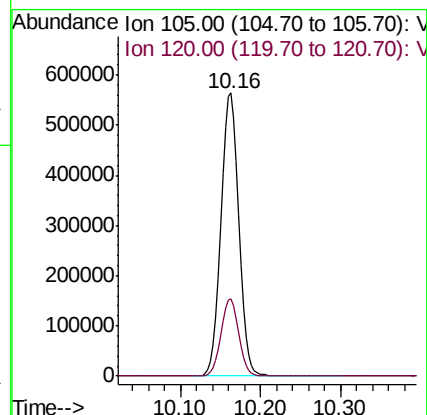
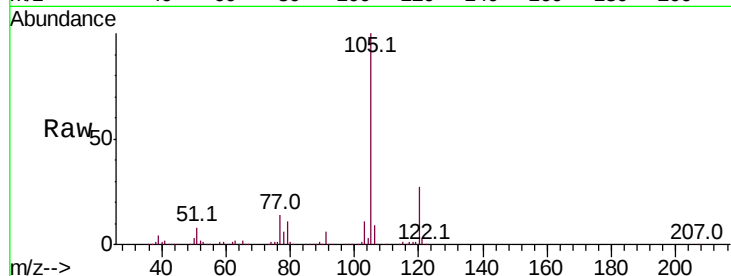
120 27.1 13.5 40.5

Manual Integrations

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#70

1,1,2,2-Tetrachloroethane

Concen: 9.755 ug/l

RT: 10.45 min Scan# 2912

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

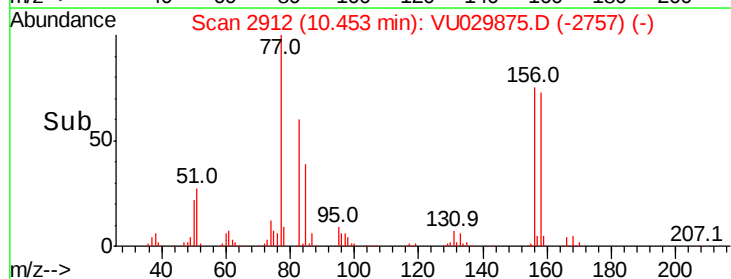
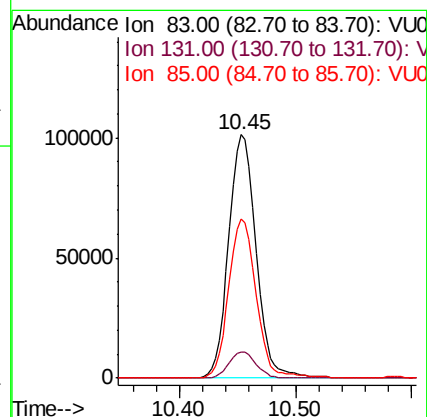
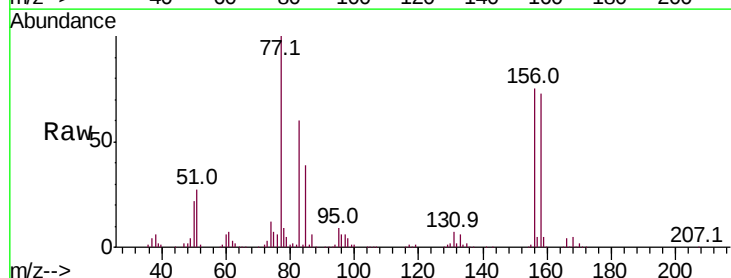
Tgt Ion: 83 Resp: 165960

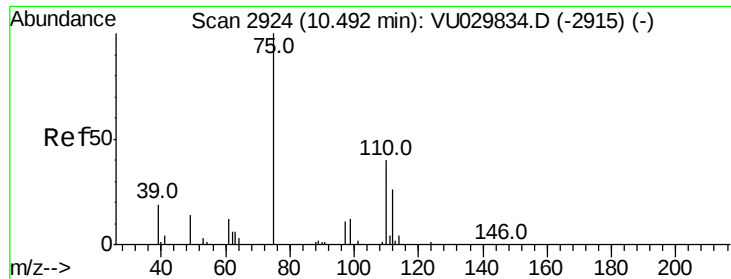
Ion Ratio Lower Upper

83 100

131 10.5 8.3 12.5

85 65.7 52.5 78.7





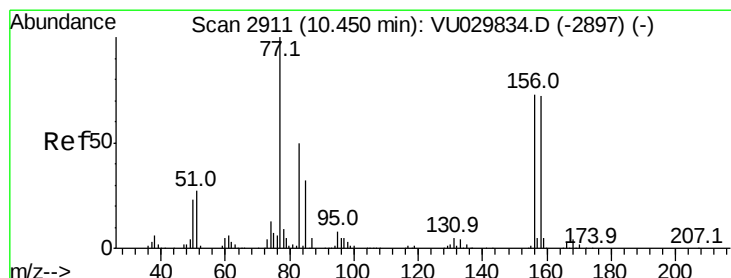
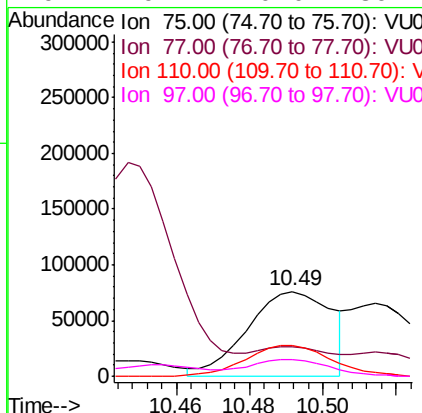
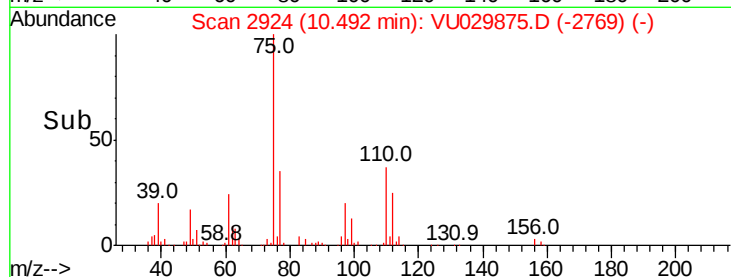
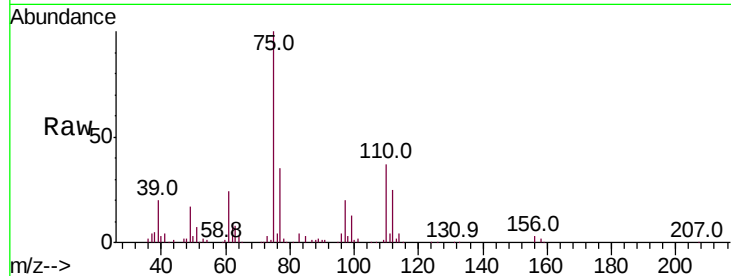
#71
 1,2,3-Trichloropropane
 Concen: 9.668 ug/l m
 RT: 10.49 min Scan# 2924
 Delta R.T. -0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
75	100		
77	8.0	0.0	16.4
110	37.4	0.0	74.8
97	19.1	0.0	39.4

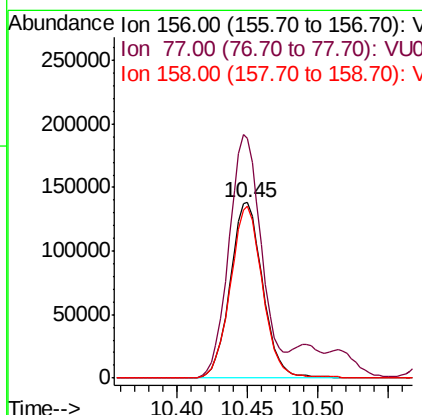
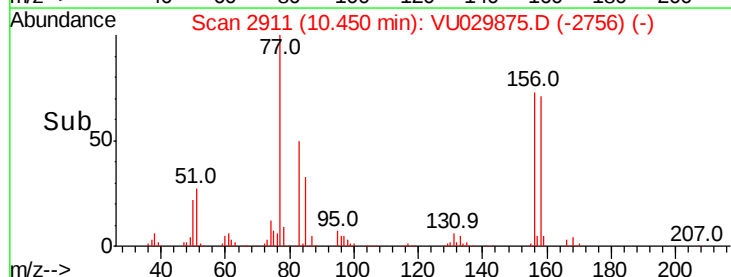
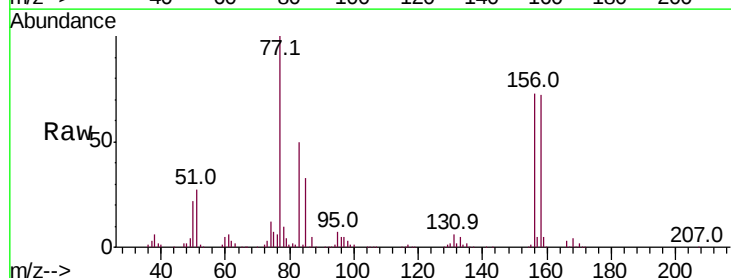
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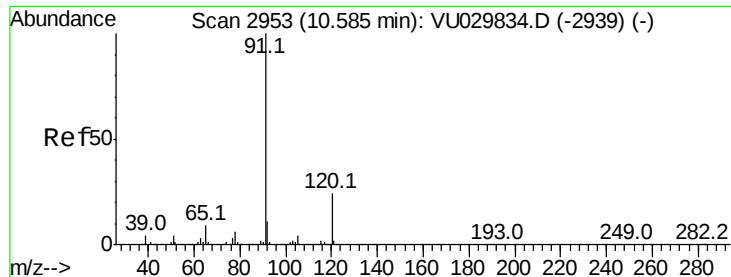
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#72
 Bromobenzene
 Concen: 10.094 ug/l
 RT: 10.45 min Scan# 2911
 Delta R.T. -0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

Tgt Ion	Ratio	Lower	Upper
156	100		
77	138.0	0.0	282.2
158	97.0	0.0	196.2





#73

n-propylbenzene

Concen: 10.668 ug/l

RT: 10.58 min Scan# 2953

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion:120 Resp: 250775

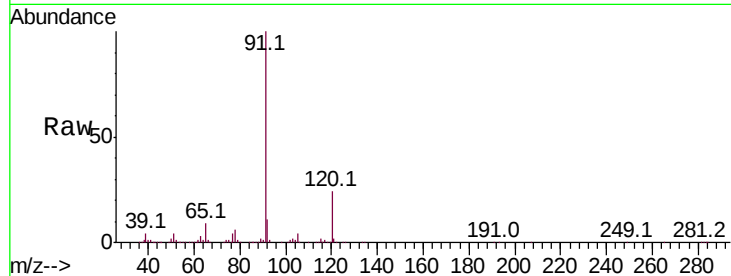
Ion Ratio Lower Upper

120 100

91 418.4 333.4 500.2

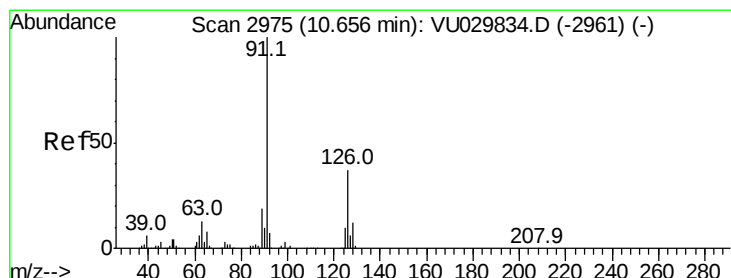
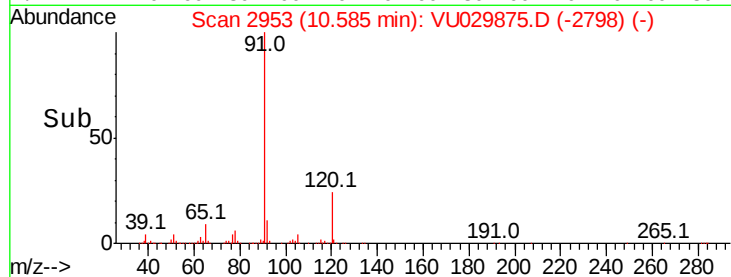
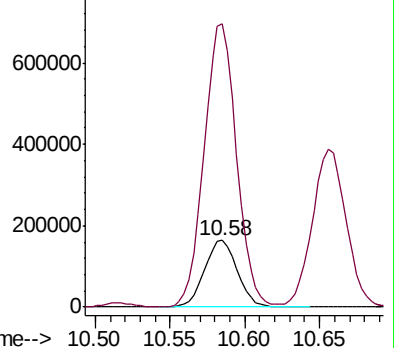
Manual Integrations
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Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 10.209 ug/l

RT: 10.66 min Scan# 2975

Delta R.T. -0.00 min

Lab File: VU029875.D

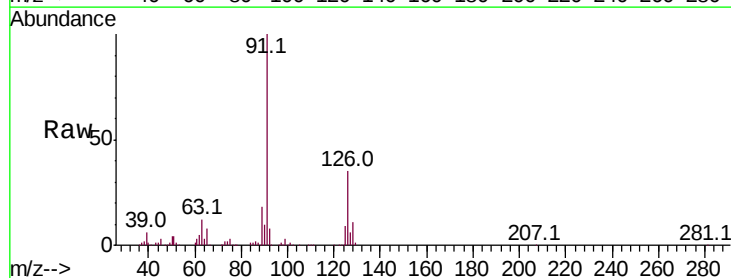
Acq: 08 Mar 2019 09:07

Tgt Ion:126 Resp: 212874

Ion Ratio Lower Upper

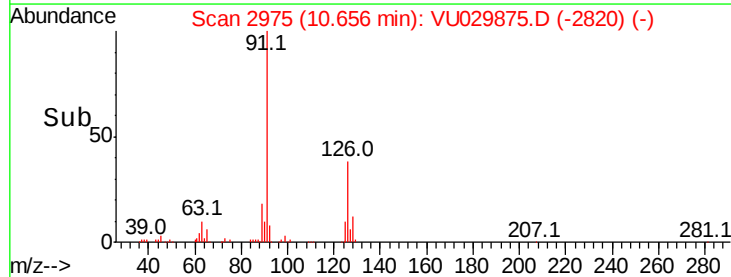
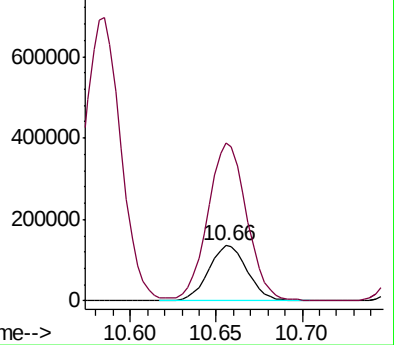
126 100

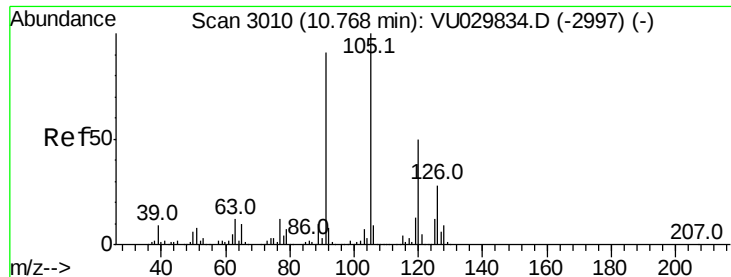
91 287.4 0.0 569.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 10.580 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion:105 Resp: 745291

Ion Ratio Lower Upper

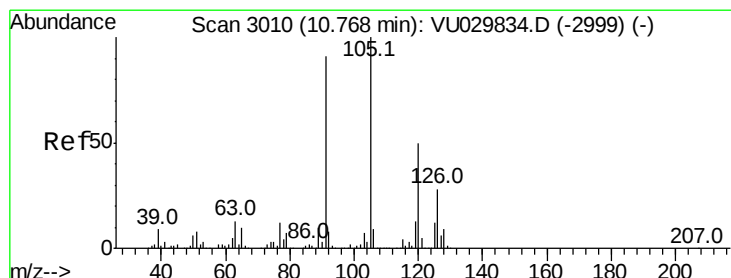
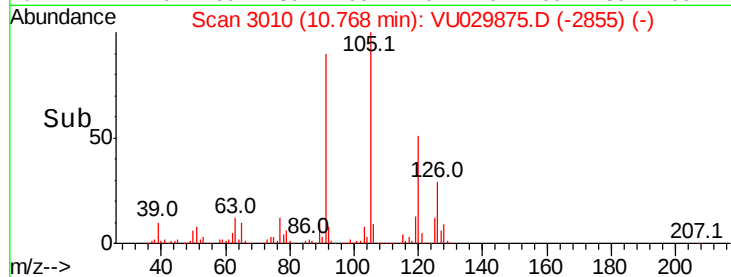
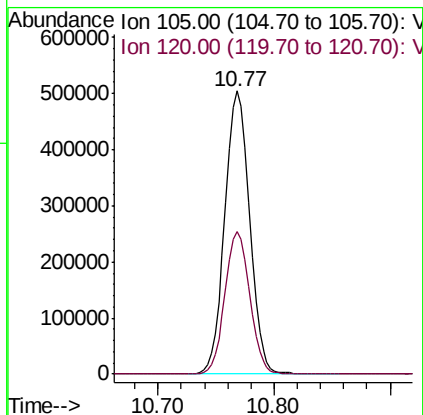
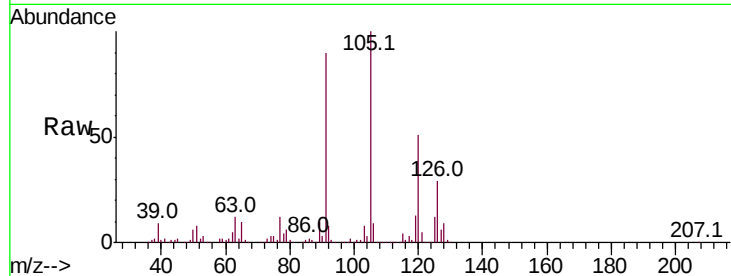
105 100

120 50.7 40.0 60.0

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#76

4-Chlorotoluene

Concen: 10.508 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. -0.00 min

Lab File: VU029875.D

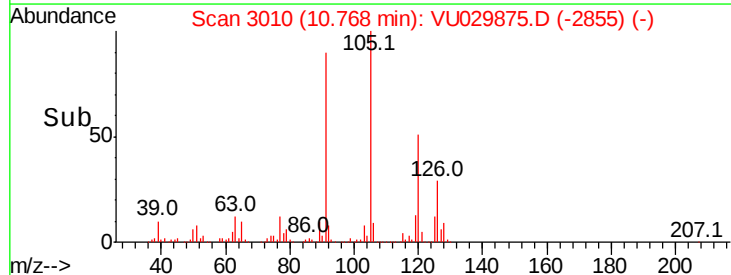
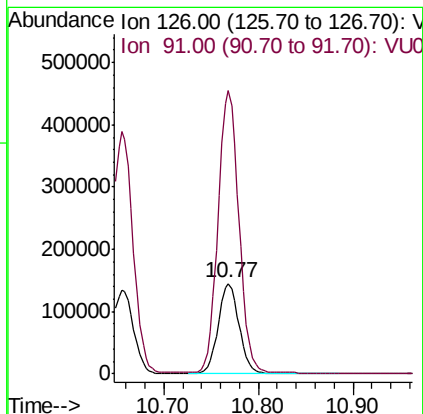
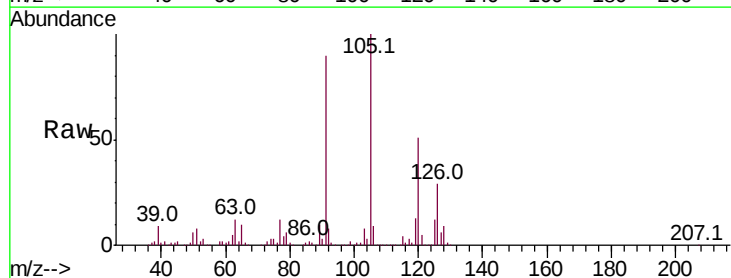
Acq: 08 Mar 2019 09:07

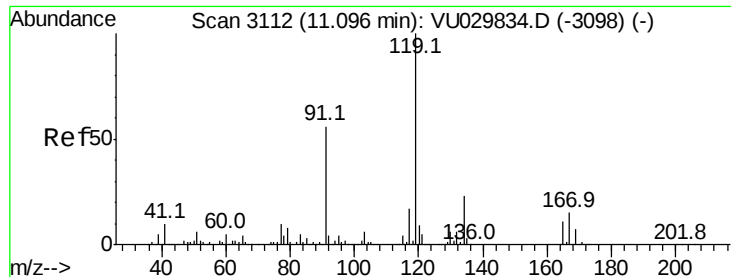
Tgt Ion:126 Resp: 223436

Ion Ratio Lower Upper

126 100

91 313.4 0.0 634.8





#77

tert-Butylbenzene

Concen: 10.510 ug/l

RT: 11.10 min Scan# 3112

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

Instrument :

MSVOA_U

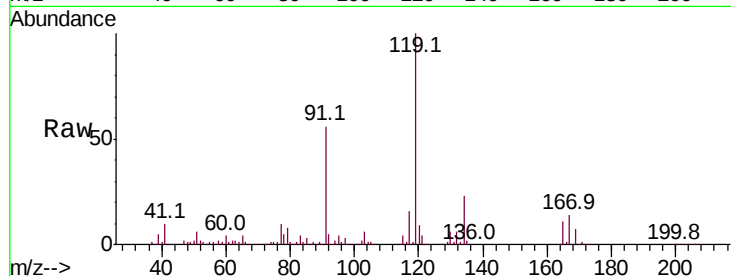
ClientSampleId :

VSTDCCC010

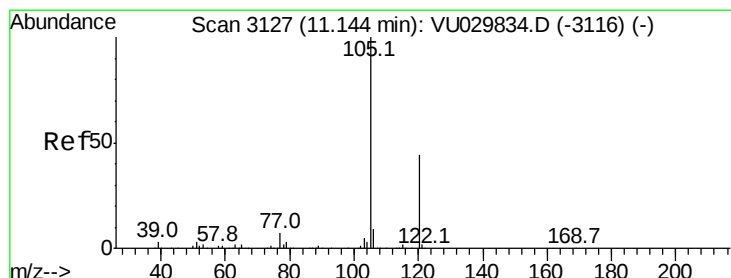
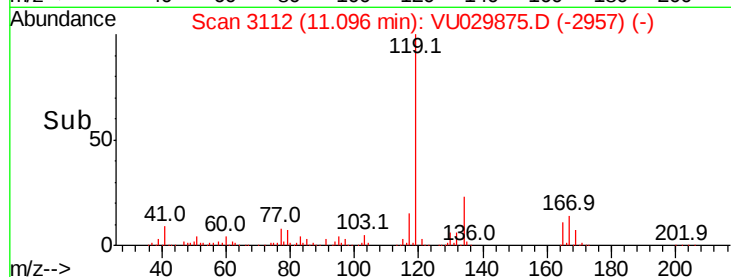
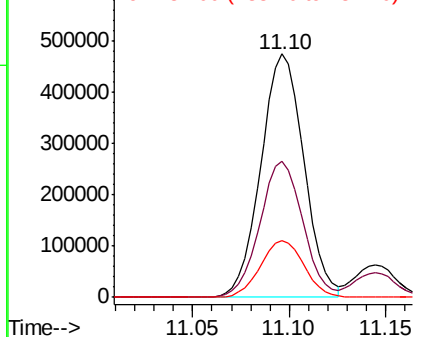
Tot Ion:	119	Resp:	732498
Ion Ratio	Lower	Upper	
119	100		
91	55.9	27.7	83.1
134	23.6	18.7	28.1

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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V



#78

1,2,4-Trimethylbenzene

Concen: 10.802 ug/l

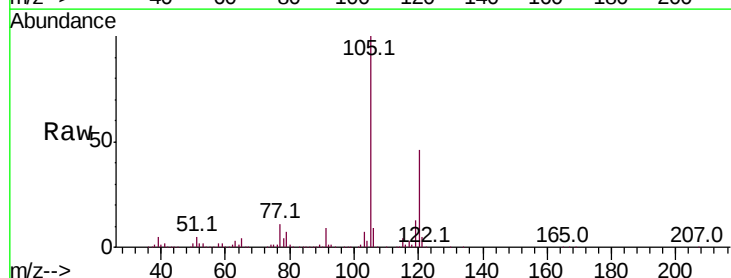
RT: 11.14 min Scan# 3127

Delta R.T. -0.00 min

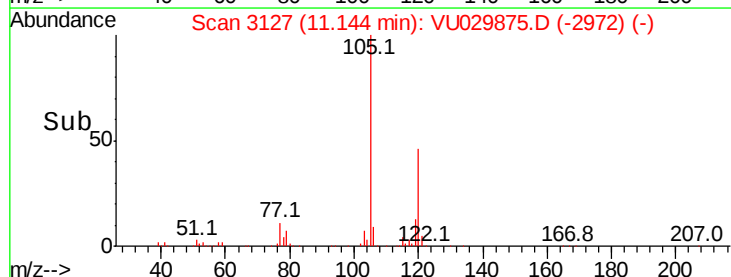
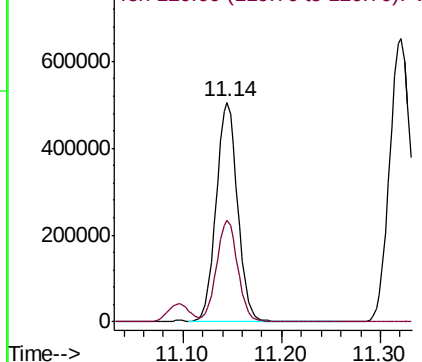
Lab File: VU029875.D

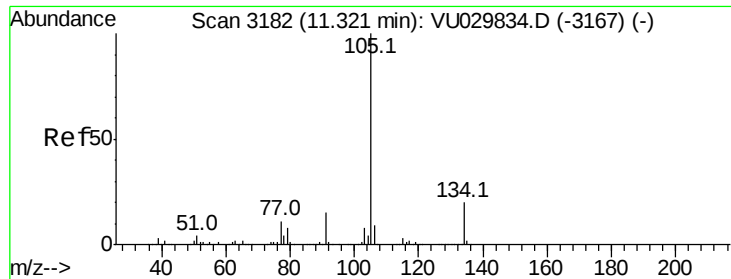
Acq: 08 Mar 2019 09:07

Tgt Ion:	105	Resp:	768966
Ion Ratio	Lower	Upper	
105	100		
120	46.2	23.5	70.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 10.791 ug/l

RT: 11.32 min Scan# 3182

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion:105 Resp: 996746

Ion Ratio Lower Upper

105 100

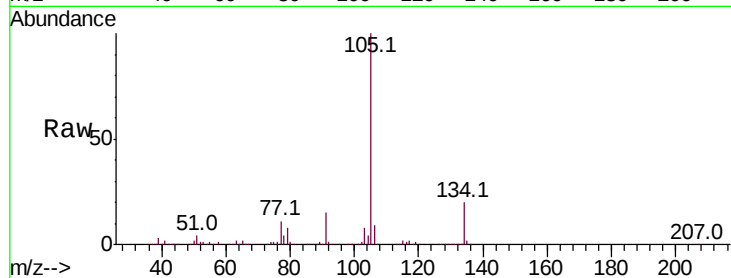
134 20.3 16.3 24.5

Manual Integrations

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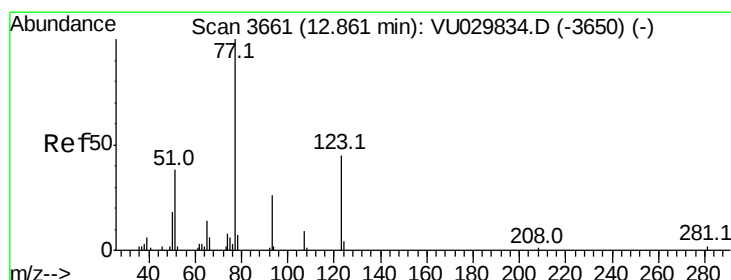
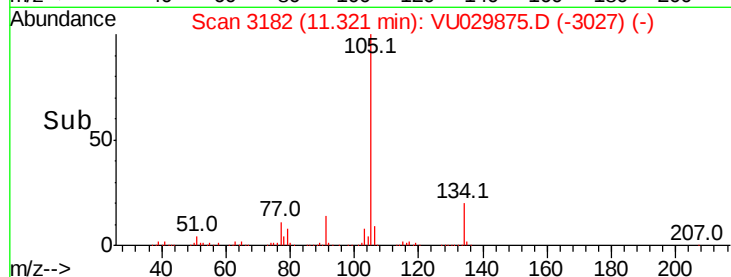
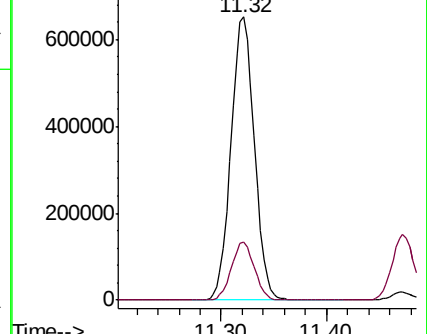
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 58.171 ug/l

RT: 12.86 min Scan# 3661

Delta R.T. -0.00 min

Lab File: VU029875.D

Acq: 08 Mar 2019 09:07

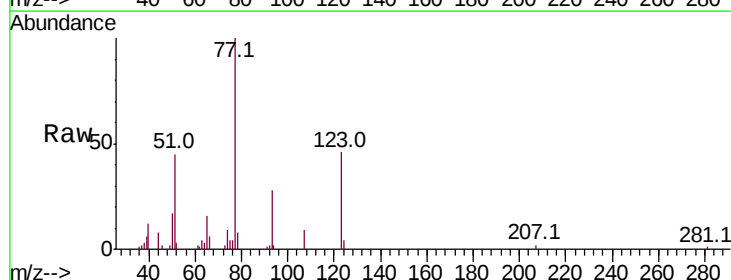
Tgt Ion: 77 Resp: 17966

Ion Ratio Lower Upper

77 100

123 50.4 20.2 71.4

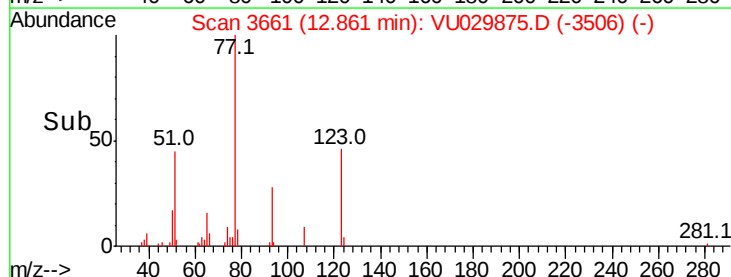
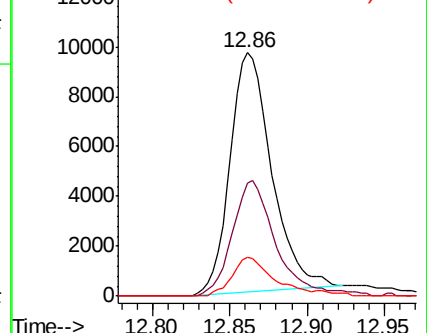
65 13.8 14.0 17.8#

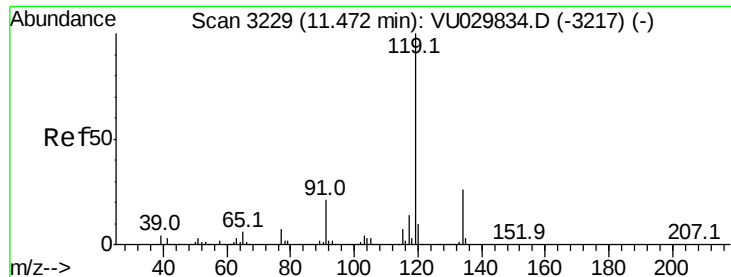


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0





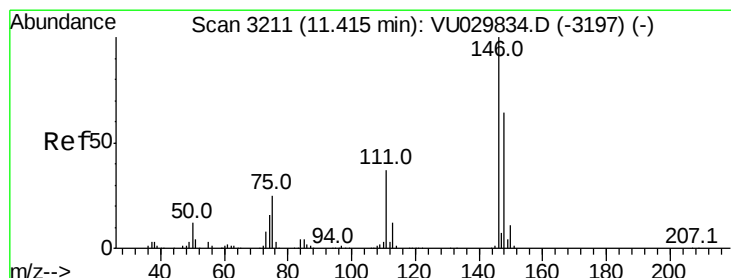
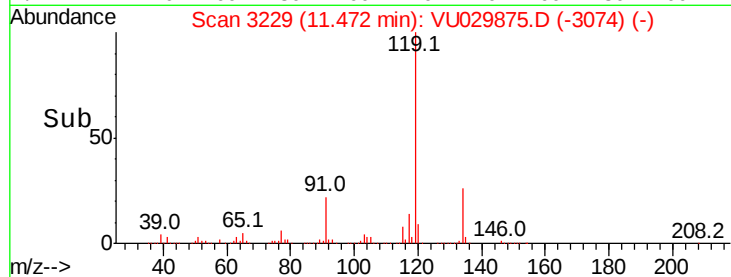
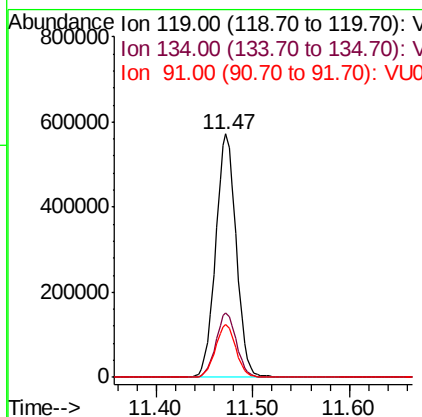
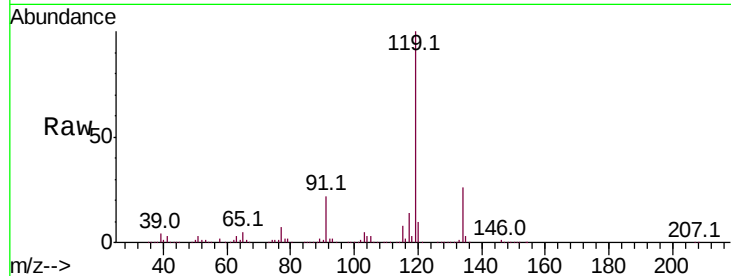
#81
p-Isopropyltoluene
Concen: 10.880 ug/l
RT: 11.47 min Scan# 3229
Delta R.T. -0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Resp	Lower	Upper
119	100	841346		
134	26.5		21.2	31.8
91	21.8		17.2	25.8

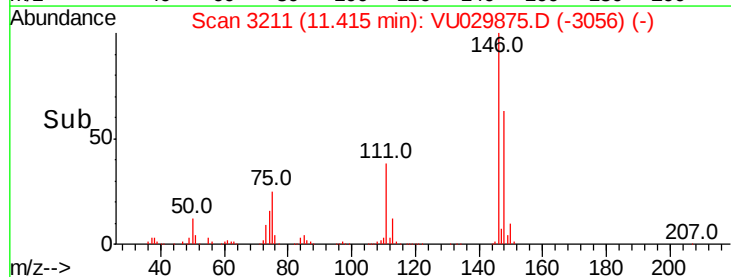
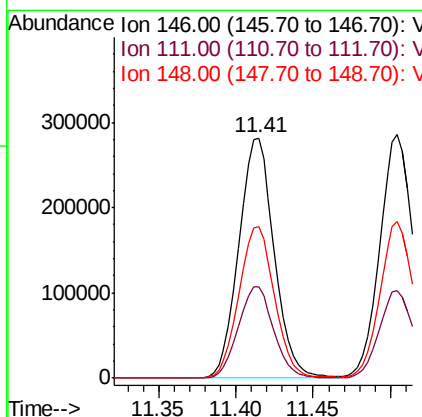
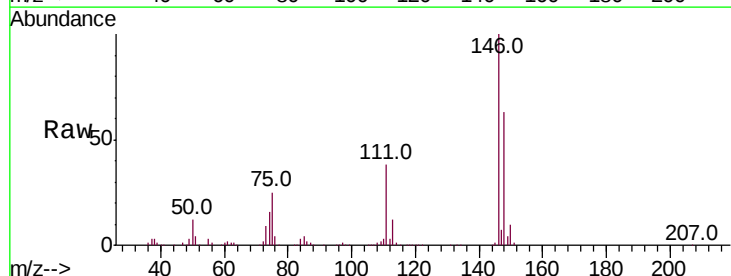
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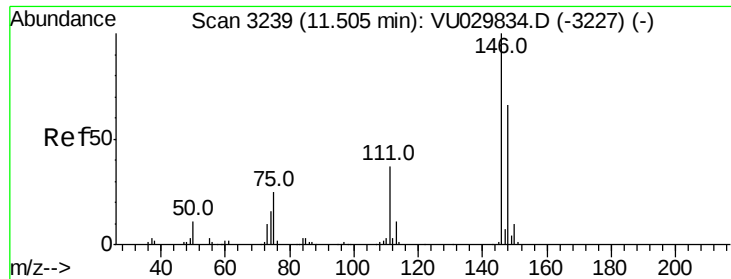
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#82
1,3-Dichlorobenzene
Concen: 10.188 ug/l
RT: 11.41 min Scan# 3211
Delta R.T. -0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	446588		
111	38.2		30.2	45.4
148	63.6		51.2	76.8





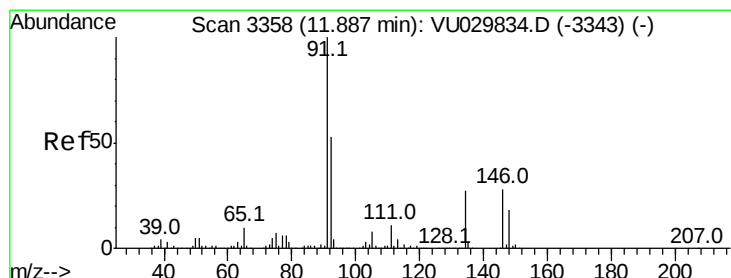
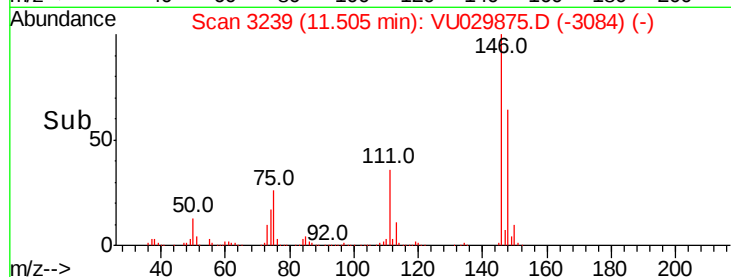
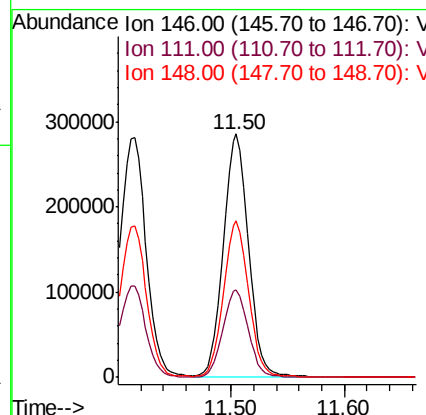
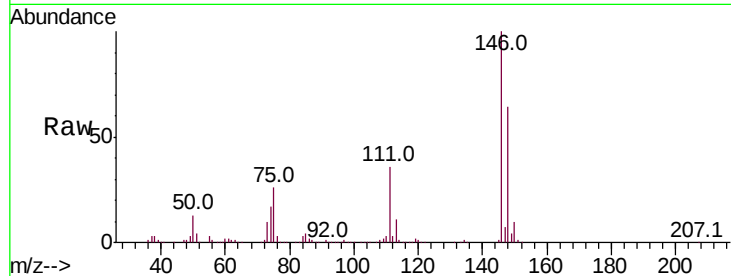
#83
1,4-Dichlorobenzene
Concen: 10.302 ug/l
RT: 11.50 min Scan# 3239
Delta R.T. -0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.2	29.4	44.2
148	64.2	51.7	77.5

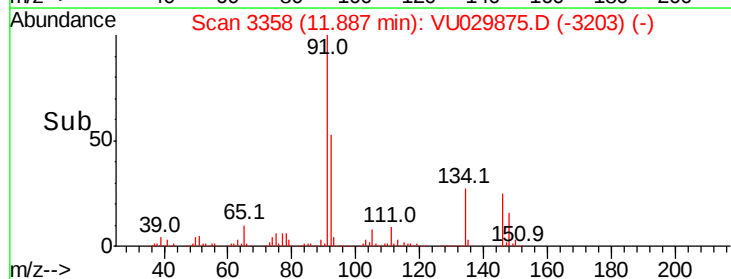
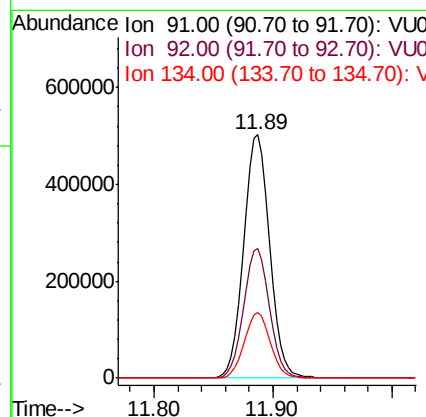
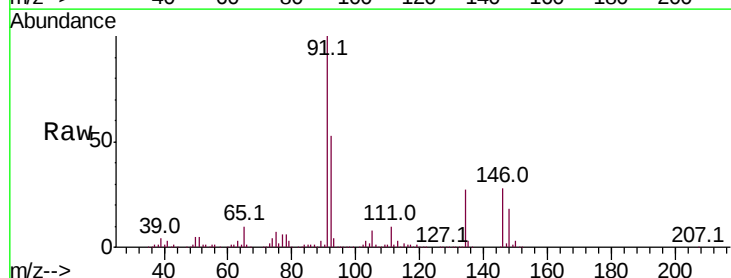
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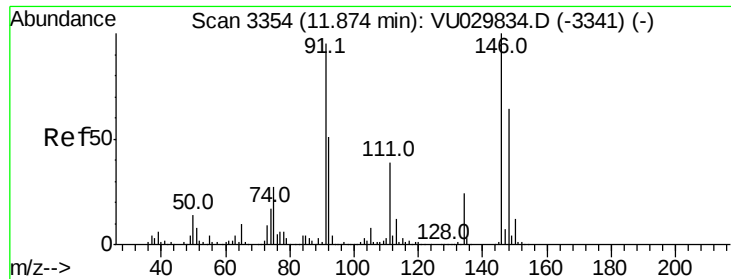
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#84
n-Butylbenzene
Concen: 10.809 ug/l
RT: 11.89 min Scan# 3358
Delta R.T. -0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.1	42.6	63.8
134	27.0	21.7	32.5





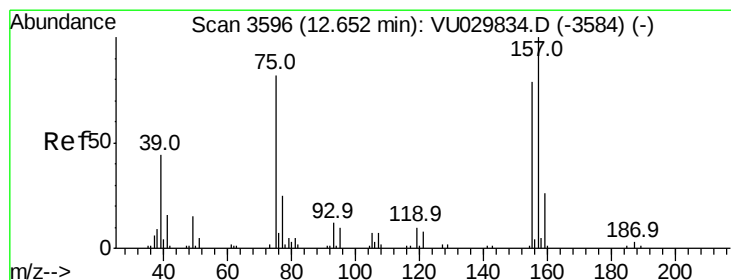
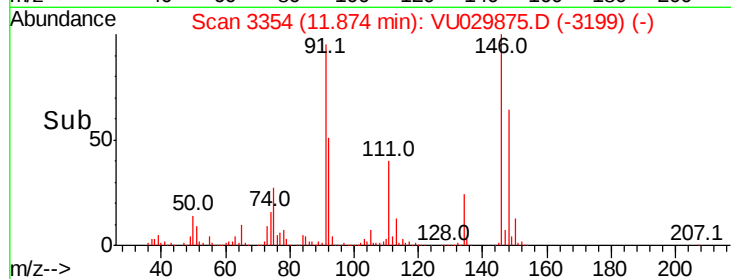
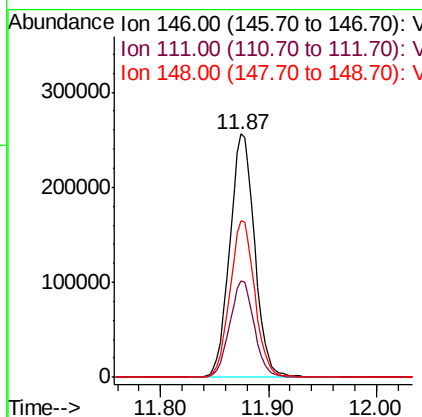
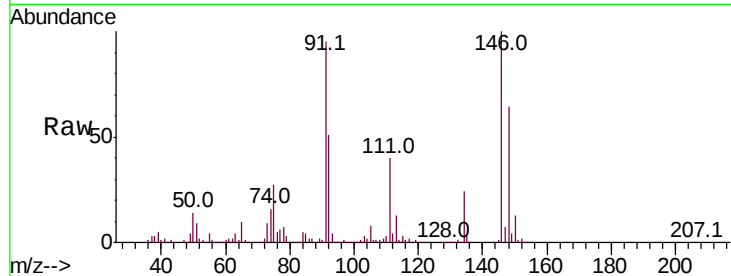
#85
 1,2-Dichlorobenzene
 Concen: 9.987 ug/l
 RT: 11.87 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.9	59.6
148	64.2	32.1	96.3

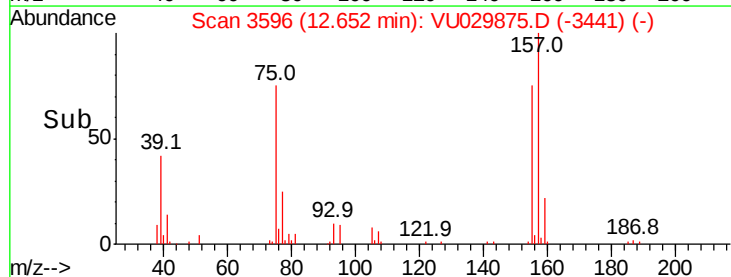
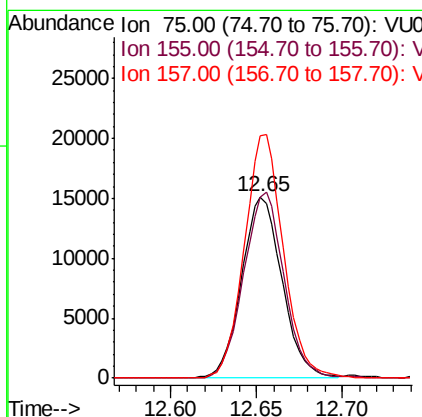
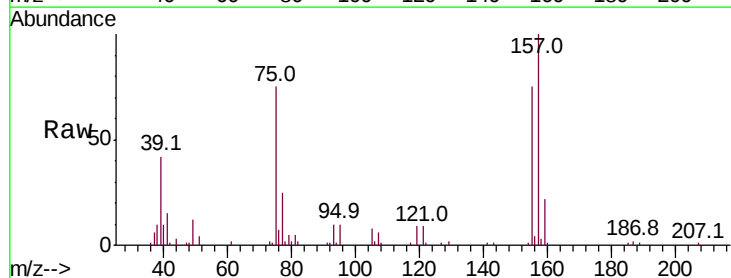
Manual Integrations
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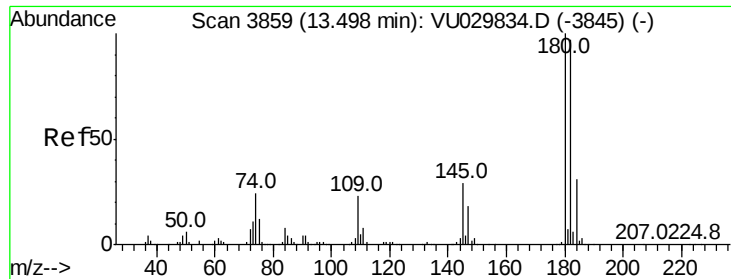
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 10.181 ug/l
 RT: 12.65 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.9	76.6	114.8
157	128.8	96.2	144.2





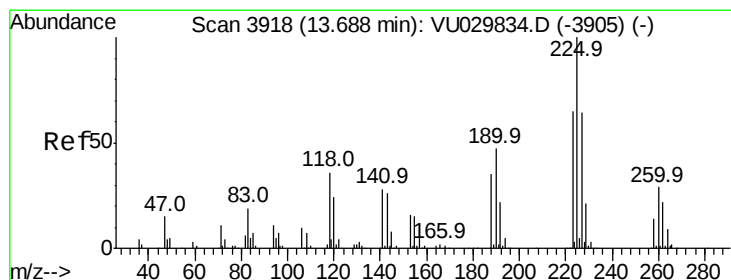
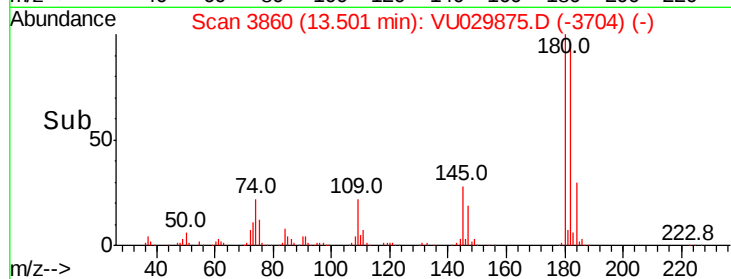
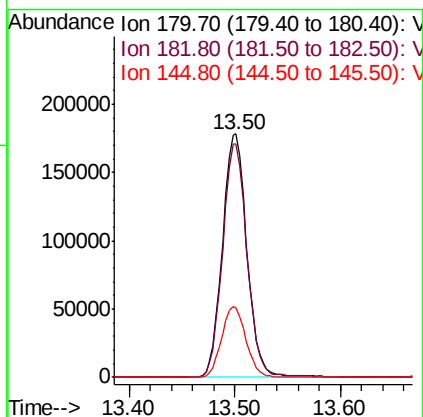
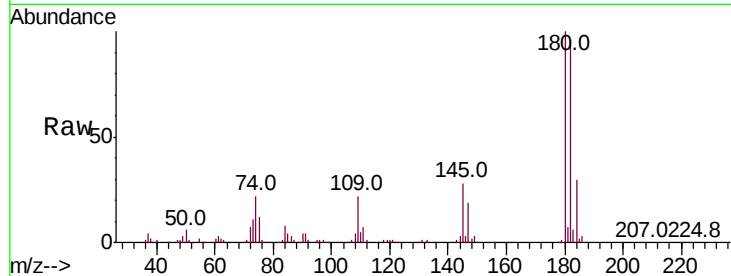
#87
 1,2,4-Trichlorobenzene
 Concen: 10.817 ug/l
 RT: 13.50 min Scan# 3860
 Delta R.T. 0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Resp	Lower	Upper
180	100	286345		
182	95.6	77.5	116.3	
145	28.8	23.6	35.4	

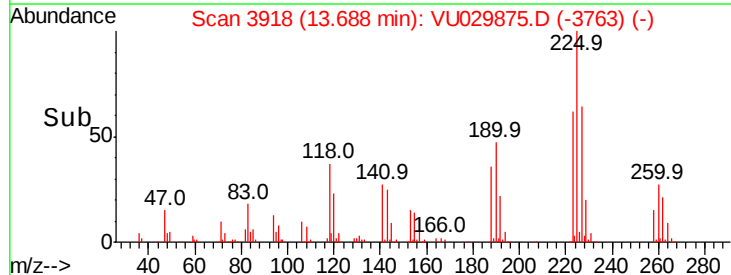
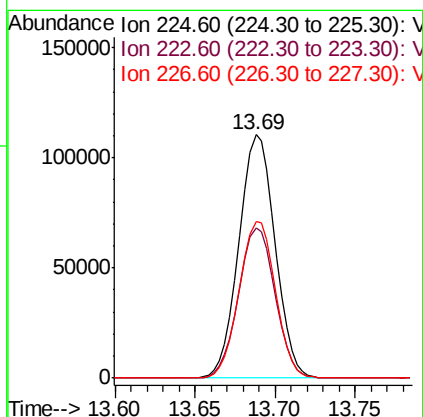
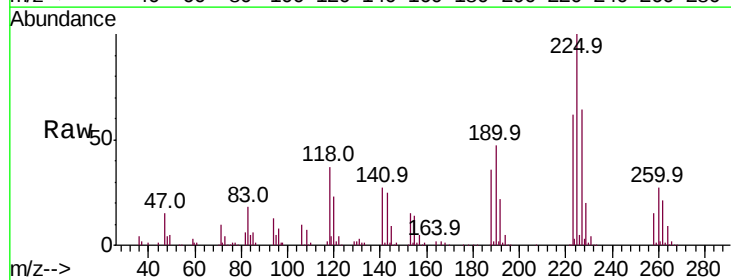
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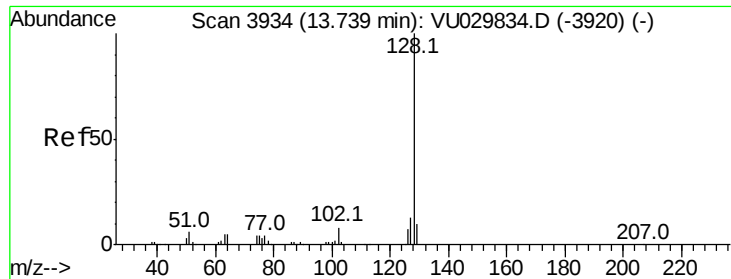
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#88
 Hexachlorobutadiene
 Concen: 10.165 ug/l
 RT: 13.69 min Scan# 3918
 Delta R.T. -0.00 min
 Lab File: VU029875.D
 Acq: 08 Mar 2019 09:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	169481		
223	62.6	51.2	76.8	
227	64.7	50.9	76.3	





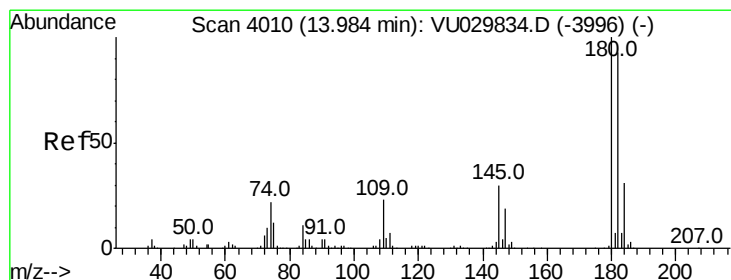
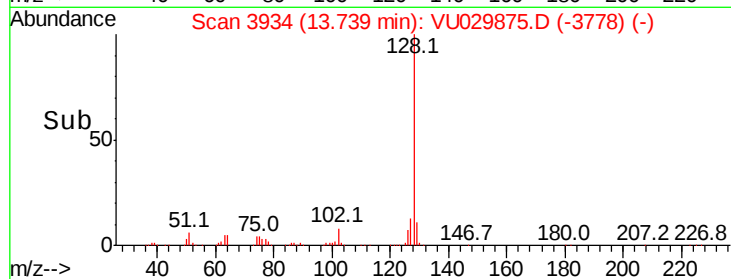
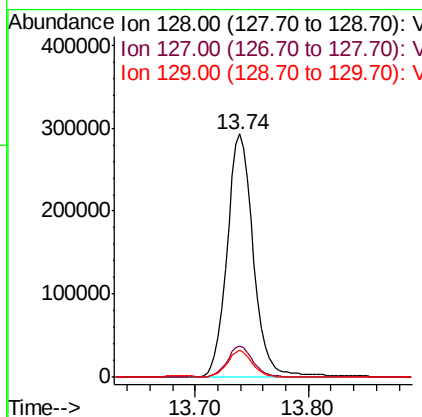
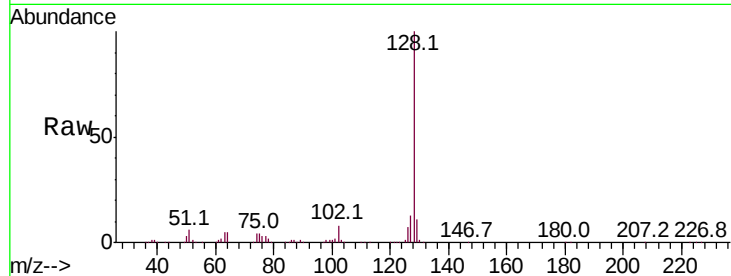
#89
Naphthalene
Concen: 9.289 ug/l
RT: 13.74 min Scan# 3934
Delta R.T. 0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion:128	Resp:	474238
Ion Ratio	Lower	Upper
128 100		
127 12.8	10.2	15.4
129 10.3	8.2	12.4

Manual Integrations
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#90
1,2,3-Trichlorobenzene
Concen: 10.535 ug/l
RT: 13.98 min Scan# 4010
Delta R.T. -0.00 min
Lab File: VU029875.D
Acq: 08 Mar 2019 09:07

Tgt Ion:180	Resp:	261993
Ion Ratio	Lower	Upper
180 100		
182 95.6	74.8	112.2
145 29.9	24.6	36.8

