

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031019\
 Data File : VU029879.D
 Acq On : 08 Mar 2019 11:04
 Operator : JC/SP
 Sample : VU0310WBS01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 Client Sampled :
 VU0310WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/11/2019 6:55:49 PM

Quant Time: Mar 08 22:59:56 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	61999	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	21473	0.96	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	23798	0.92	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.21	85	38359	1.849	ug/l	97
3) Chloromethane	1.33	50	34873	1.888	ug/l	100
4) Vinyl Chloride	1.40	62	39247	1.889	ug/l	96
5) Bromomethane	1.63	94	26451	1.864	ug/l	99
6) Chloroethane	1.70	64	23576	1.892	ug/l	95
7) Trichlorofluoromethane	1.88	101	54530	1.926	ug/l	94
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	32236	1.957	ug/l	98
9) 1,1-Dichloroethene	2.28	96	29736	1.844	ug/l	96
10) Iodomethane	2.41	142	20796	1.669	ug/l	99
11) Allyl Chloride	2.59	41	42812	1.888	ug/l	98
12) Acrylonitrile	2.94	53	13079	3.720	ug/l	97
13) Acetone	2.32	43	26490	9.096	ug/l	94
14) Carbon Disulfide	2.47	76	92216	1.766	ug/l	100
15) Methylene Chloride	2.70	84	35549	1.837	ug/l	99
16) trans-1,2-Dichloroethene	2.98	96	33847	1.858	ug/l	99
17) 1,1-Dichloroethane	3.44	63	56703	1.860	ug/l	99
18) 2-Butanone	4.28	43	36690	9.270	ug/l	98
19) Cyclohexane	4.99	56	43262m	1.828	ug/l	
20) Methylcyclohexane	6.41	83	51499	1.868	ug/l	99
21) 2,2-Dichloropropane	4.22	77	46043	1.848	ug/l	98
22) cis-1,2-Dichloroethene	4.22	96	36888	1.911	ug/l	98
23) Diethyl Ether	2.10	59	21866	1.809	ug/l	98
24) tert-Butyl Alcohol	2.84	59	23733	19.029	ug/l	96
25) Methyl tert-Butyl Ether	3.00	73	77565	1.910	ug/l	100
26) Bromochloromethane	4.54	128	16704	1.949	ug/l	97
27) Chloroform	4.67	83	60383	1.956	ug/l	92
28) 1,1,1-Trichloroethane	4.91	97	48363	1.848	ug/l	98
29) 1,1-Dichloropropene	5.13	75	41953	1.804	ug/l	97
30) Carbon Tetrachloride	5.13	117	42470	1.860	ug/l	99
31) Isopropyl Ether	3.58	45	82027	1.951	ug/l	98
32) Ethyl-t-butyl ether	4.07	59	78934	1.932	ug/l	100
33) Tert-Amyl methyl ether	5.58	73	71004	1.879	ug/l	99
34) Propionitrile	4.33	54	10946	9.297	ug/l #	97
35) Benzene	5.39	78	130445	1.904	ug/l	99
36) 1,2-Dichloroethane	5.40	62	34685	1.854	ug/l	98
37) Trichloroethene	6.18	130	37444	1.872	ug/l	89
38) 1,2-Dichloropropane	6.43	63	33921	1.956	ug/l	100
39) Methacrylonitrile	4.55	41	8993m	1.816	ug/l	
40) Methyl acrylate	4.43	55	15102	1.929	ug/l #	91
41) Tetrahydrofuran	4.65	42	9255	3.573	ug/l	96
42) 1-Chlorobutane	5.06	56	57968	1.951	ug/l	100

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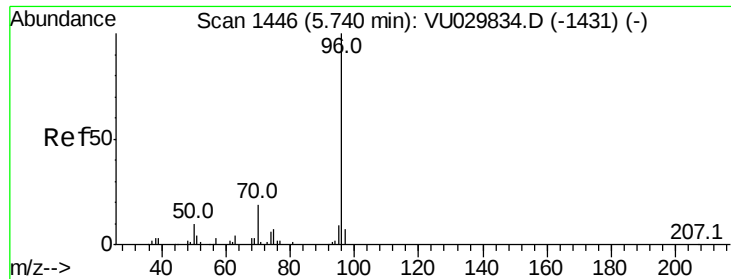
Manual Integrations
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Quant Time: Mar 08 22:59:56 2019
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	17733	1.973	ug/l	97
44) Bromodichloromethane	6.75	83	40249	1.823	ug/l	99
45) 4-Methyl-2-Pentanone	7.46	43	87024	9.284	ug/l	98
46) t-1,4-Dichloro-2-butene	10.51	75	12597m	3.215	ug/l	
47) Methyl methacrylate	6.63	69	28285	3.667	ug/l	99
48) Ethyl methacrylate	8.02	69	27199	1.841	ug/l	99
49) Toluene	7.63	92	79616	1.892	ug/l	100
50) t-1,3-Dichloropropene	7.88	75	34767	1.797	ug/l	99
51) cis-1,3-Dichloropropene	7.27	75	43451	1.815	ug/l	95
52) 1,1,2-Trichloroethane	8.07	97	25602	1.924	ug/l	98
53) 1,3-Dichloropropane	8.24	76	41119	1.884	ug/l	99
54) 2-Hexanone	8.37	43	59590	9.154	ug/l	96
55) Dibromochloromethane	8.48	129	29278	1.854	ug/l	98
56) 1,2-Dibromoethane	8.58	107	22675	1.798	ug/l	94
58) Tetrachloroethene	8.22	164	41238	2.018	ug/l	98
59) Chlorobenzene	9.12	112	90094	1.863	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.21	131	31908	1.840	ug/l	97
61) Pentachloroethane	11.10	117	20940	1.734	ug/l	94
62) Hexachloroethane	12.14	117	22445	1.767	ug/l	100
63) Ethyl Benzene	9.25	91	144159	1.820	ug/l	99
64) m/p-Xylenes	9.37	106	115734	3.696	ug/l	99
65) o-Xylene	9.78	106	55539	1.847	ug/l	95
66) Styrene	9.79	104	94133	1.884	ug/l	99
67) Bromoform	9.95	173	16690	1.800	ug/l	99
69) Isopropylbenzene	10.16	105	148503	1.862	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.45	83	30191	1.861	ug/l	98
71) 1,2,3-Trichloropropane	10.49	75	22588m	1.873	ug/l	
72) Bromobenzene	10.45	156	39576	1.875	ug/l	99
73) n-propylbenzene	10.58	120	41418	1.848	ug/l	99
74) 2-Chlorotoluene	10.66	126	37086	1.865	ug/l	99
75) 1,3,5-Trimethylbenzene	10.77	105	125958	1.875	ug/l	99
76) 4-Chlorotoluene	10.77	126	37110	1.830	ug/l	100
77) tert-Butylbenzene	11.10	119	121789	1.832	ug/l	97
78) 1,2,4-Trimethylbenzene	11.15	105	126265	1.860	ug/l	99
79) sec-Butylbenzene	11.32	105	165202	1.875	ug/l	99
80) Nitrobenzene	12.88	77	1665m	5.653	ug/l	
81) p-Isopropyltoluene	11.47	119	137332	1.862	ug/l	99
82) 1,3-Dichlorobenzene	11.42	146	78335	1.874	ug/l	99
83) 1,4-Dichlorobenzene	11.50	146	73732	1.805	ug/l	97
84) n-Butylbenzene	11.89	91	118818	1.768	ug/l	98
85) 1,2-Dichlorobenzene	11.88	146	73752	1.871	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	4206	1.816	ug/l	96
87) 1,2,4-Trichlorobenzene	13.50	180	43971	1.742	ug/l	98
88) Hexachlorobutadiene	13.69	225	28932	1.820	ug/l	99
89) Naphthalene	13.74	128	65190	1.731	ug/l	100
90) 1,2,3-Trichlorobenzene	13.98	180	42573	1.795	ug/l	99

(#) = 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: VU029879.D

Acq: 08 Mar 2019 11:04

Instrument :

MSVOA_U

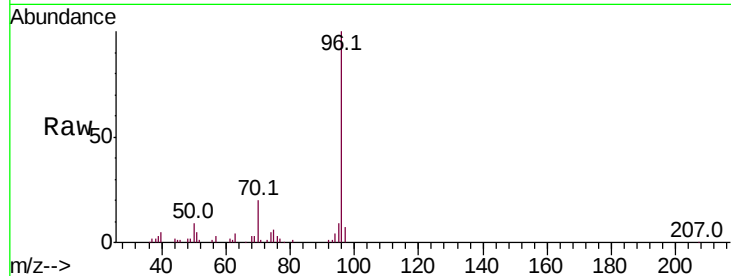
ClientSampleId :

VU0310WBS01

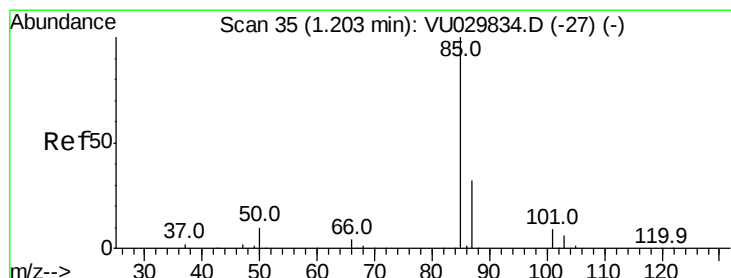
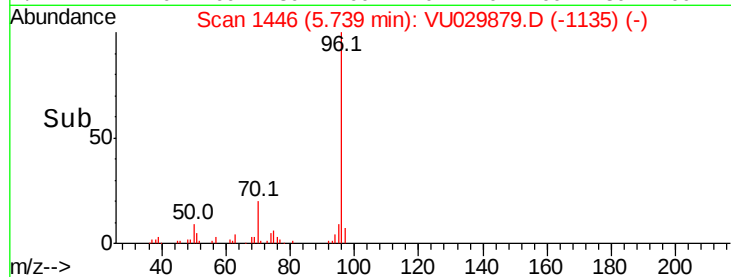
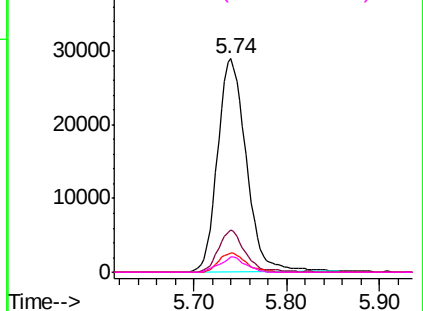
Tot Ion	Ion	Ratio	Lower	Upper
96	100			
70	17.6	14.4	21.6	
95	8.5	7.0	10.6	
97	6.4	0.0	0.0	

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Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 70.00 (69.70 to 70.70): VU0
Ion 95.00 (94.70 to 95.70): VU0
Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 1.849 ug/l

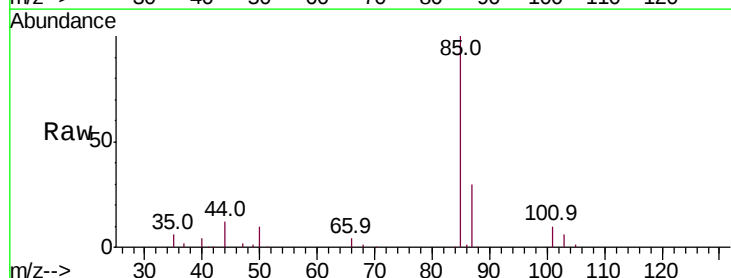
RT: 1.21 min Scan# 36

Delta R.T. 0.00 min

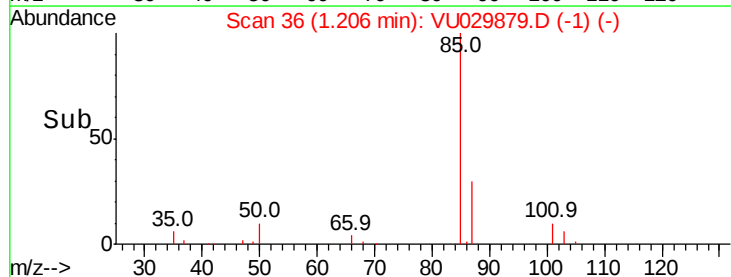
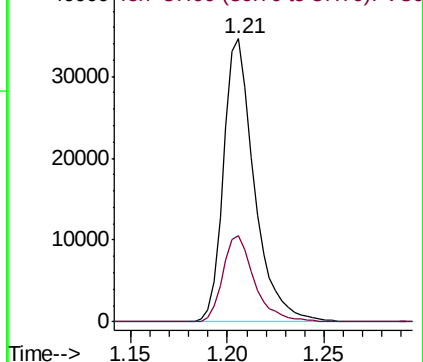
Lab File: VU029879.D

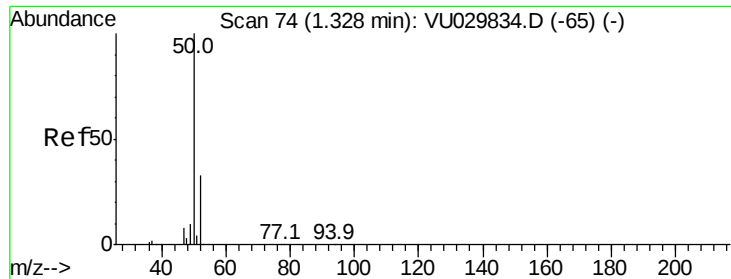
Acq: 08 Mar 2019 11:04

Tgt Ion	Ion	Ratio	Lower	Upper
85	100			
87	30.5	16.2	48.6	



Abundance Ion 85.00 (84.70 to 85.70): VU0
Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 1.888 ug/l

RT: 1.33 min Scan# 75

Delta R.T. 0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

VU0310WBS01

Tot Ion: 50 Resp: 34873

Ion Ratio Lower Upper

50 100

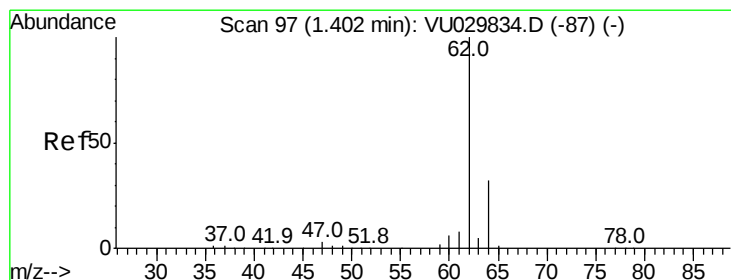
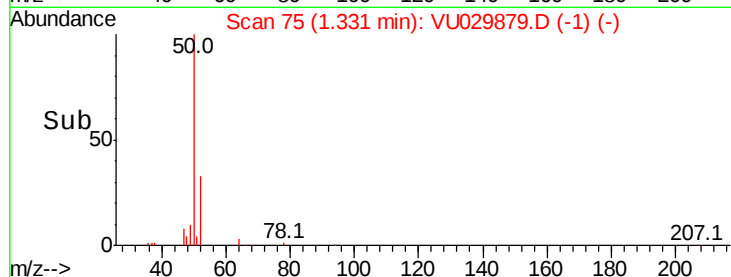
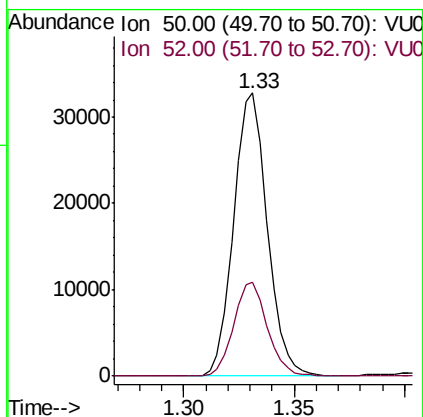
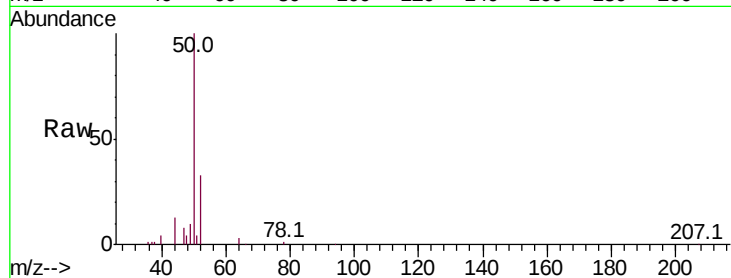
52 33.1 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 1.889 ug/l

RT: 1.40 min Scan# 97

Delta R.T. -0.00 min

Lab File: VU029879.D

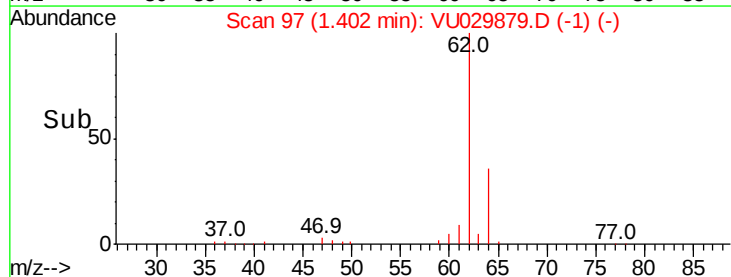
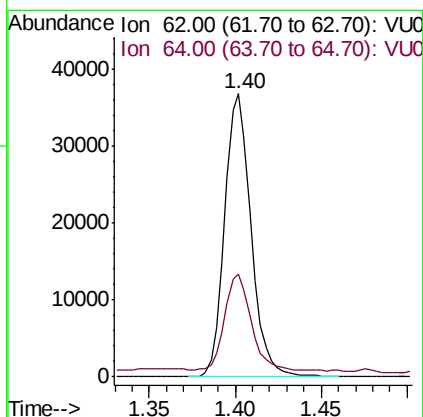
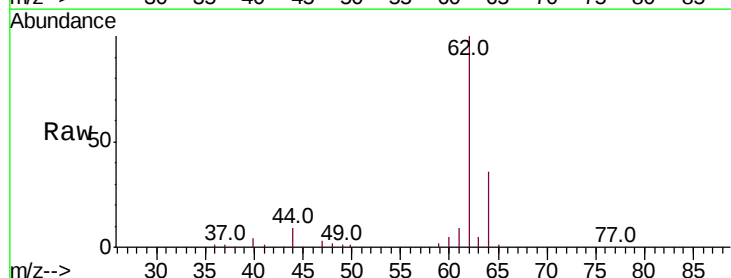
Acq: 08 Mar 2019 11:04

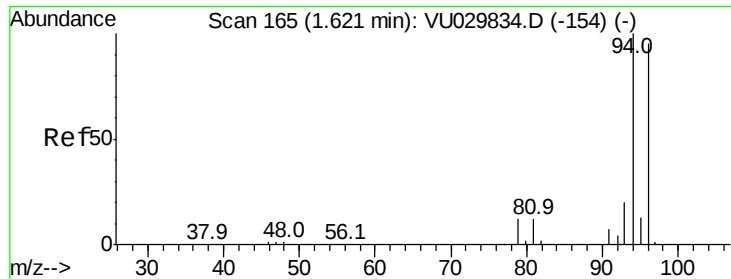
Tgt Ion: 62 Resp: 39247

Ion Ratio Lower Upper

62 100

64 34.1 25.7 38.5





#5

Bromomethane

Concen: 1.864 ug/l

RT: 1.63 min Scan# 167

Delta R.T. 0.01 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

VU0310WBS01

Tot Ion: 94 Resp: 26451

Ion Ratio Lower Upper

94 100

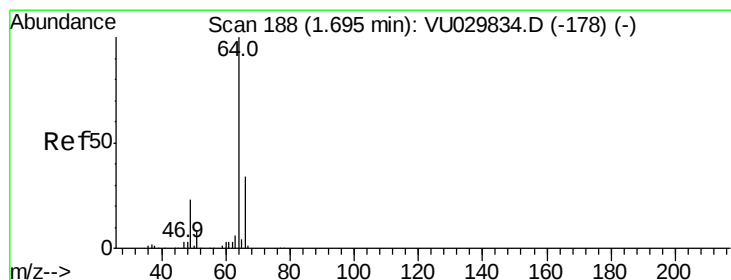
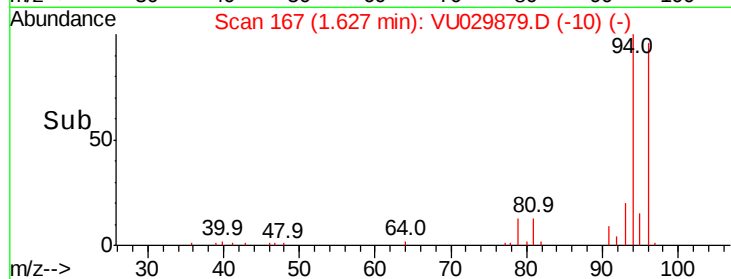
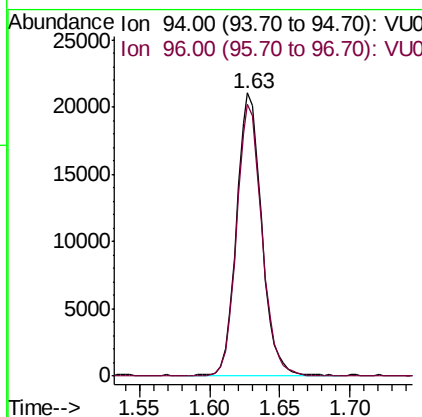
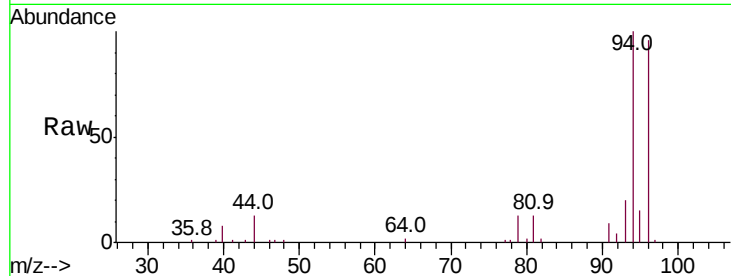
96 96.1 76.4 114.6

Manual Integrations

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#6

Chloroethane

Concen: 1.892 ug/l

RT: 1.70 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU029879.D

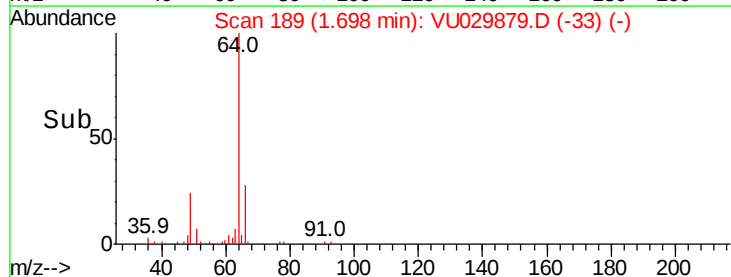
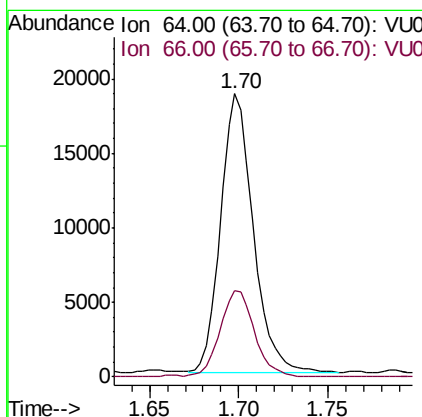
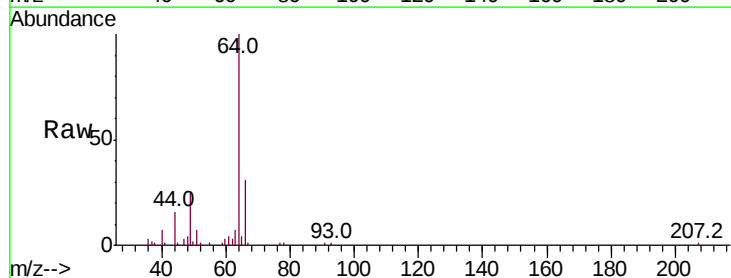
Acq: 08 Mar 2019 11:04

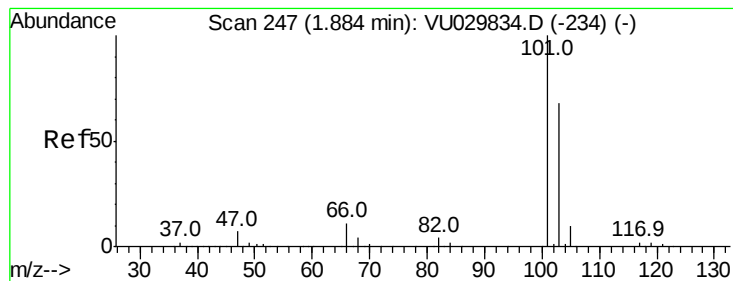
Tgt Ion: 64 Resp: 23576

Ion Ratio Lower Upper

64 100

66 31.2 27.3 40.9





#7

Trichlorofluoromethane

Concen: 1.926 ug/l

RT: 1.88 min Scan# 247

Delta R.T. -0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

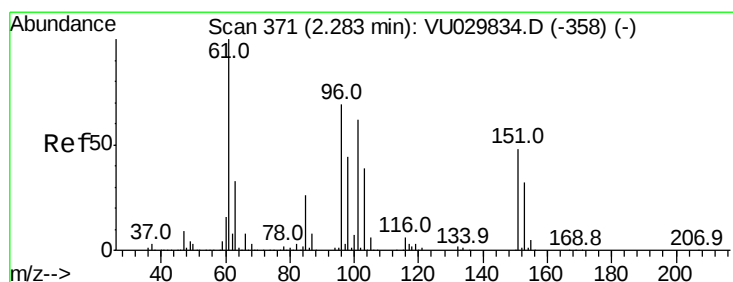
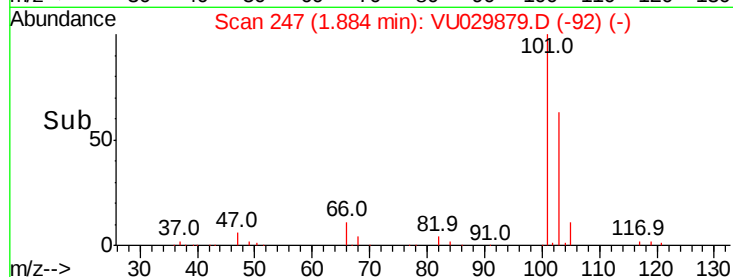
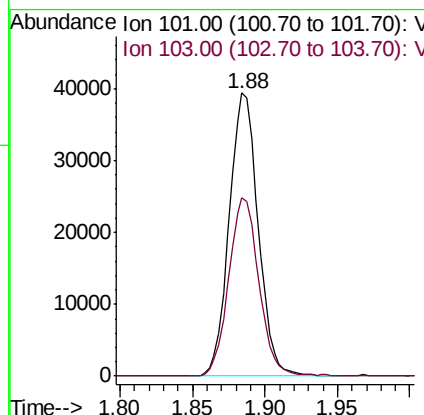
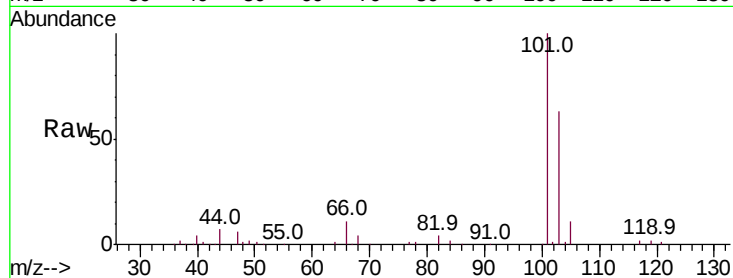
Instrument :
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VU0310WBS01

Tot Ion:101 Resp: 54530

Ion	Ratio	Lower	Upper
101	100		
103	63.2	54.2	81.2

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#8

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

Concen: 1.957 ug/l

RT: 2.29 min Scan# 372

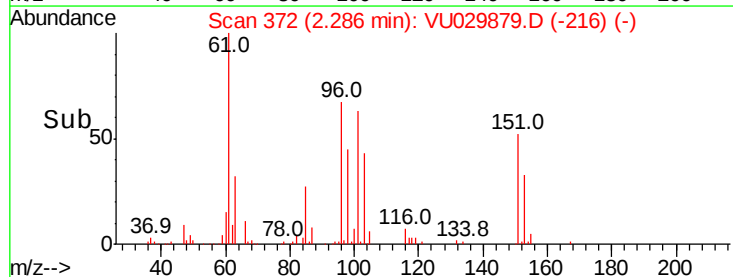
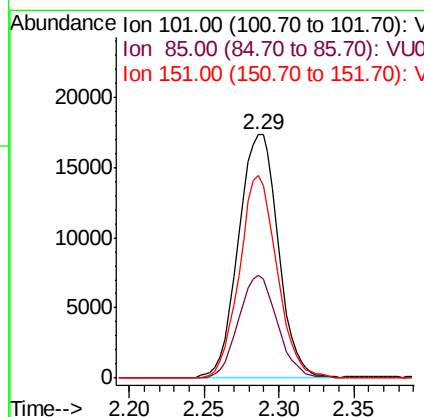
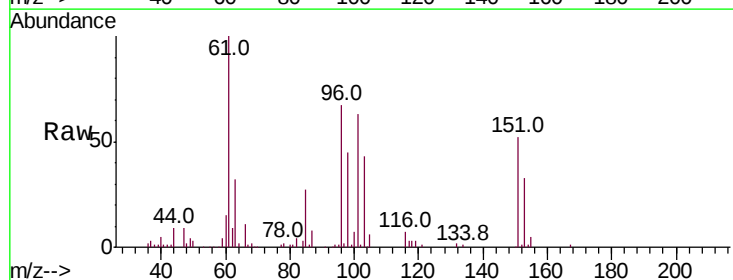
Delta R.T. 0.00 min

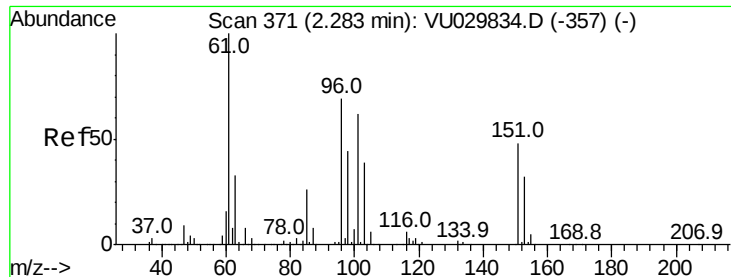
Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Tgt Ion:101 Resp: 32236

Ion	Ratio	Lower	Upper
101	100		
85	41.0	33.4	50.0
151	78.3	64.6	97.0





#9

1,1-Dichloroethene

Concen: 1.844 ug/l

RT: 2.28 min Scan# 371

Delta R.T. -0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Instrument :

MSVOA_U

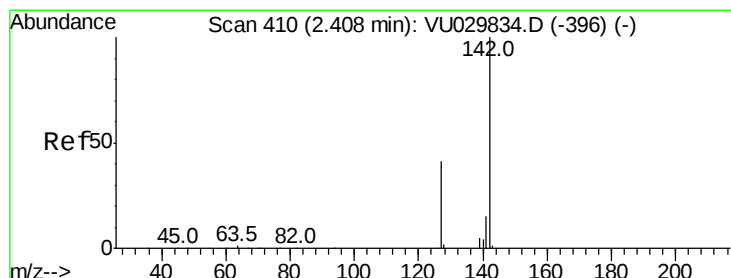
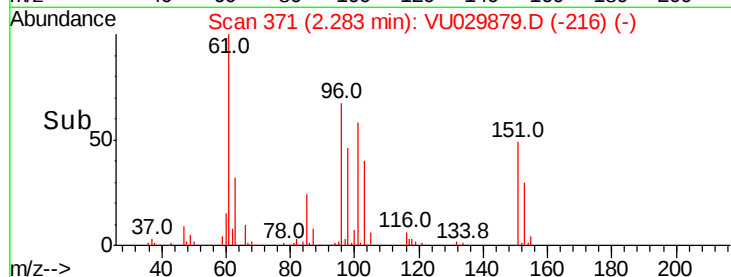
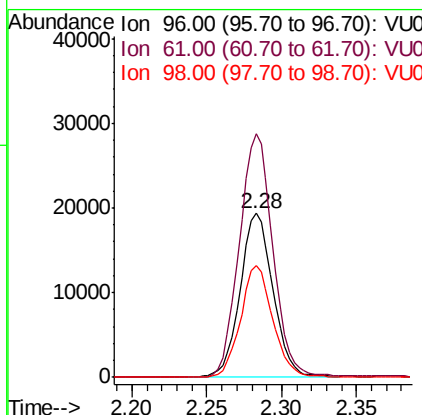
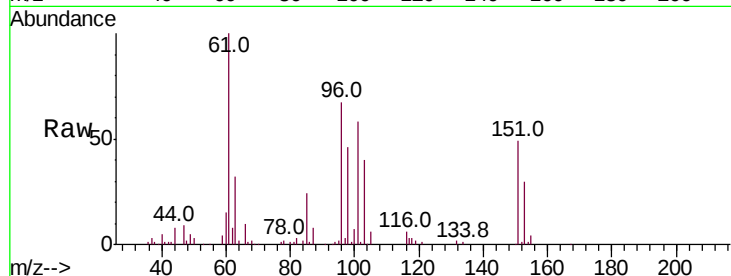
ClientSampleId :

VU0310WBS01

Tot Ion:	96	Resp:	29736
Ion	Ratio	Lower	Upper
96	100		
61	148.6	0.0	435.3
98	68.5	0.0	128.6

Manual Integrations
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#10

Iodomethane

Concen: 1.669 ug/l

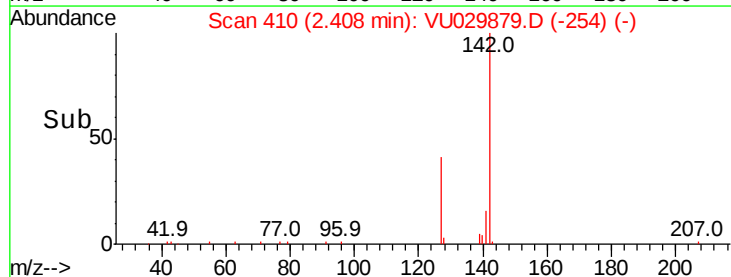
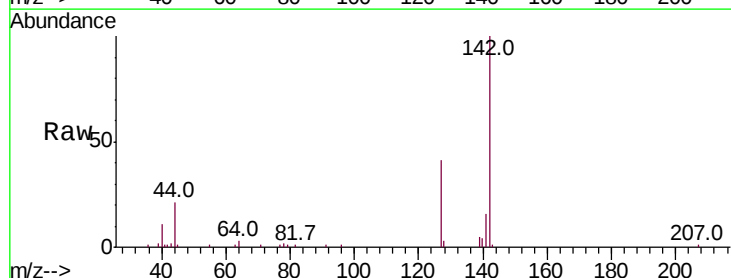
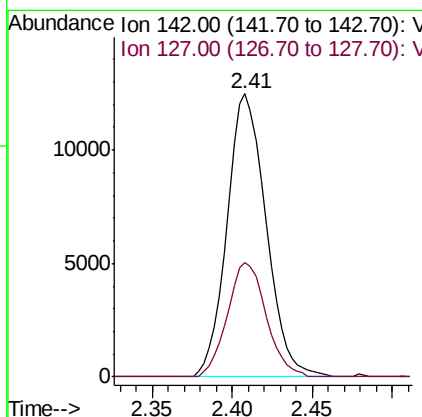
RT: 2.41 min Scan# 410

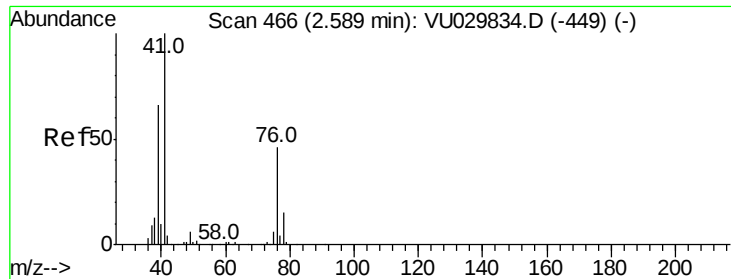
Delta R.T. 0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Tgt Ion:	142	Resp:	20796
Ion	Ratio	Lower	Upper
142	100		
127	39.9	32.3	48.5





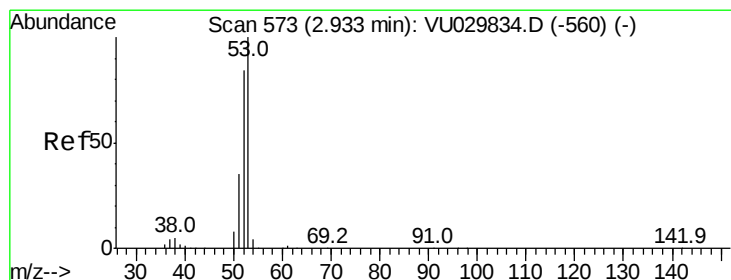
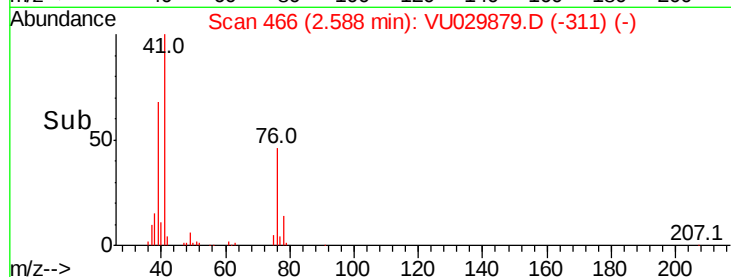
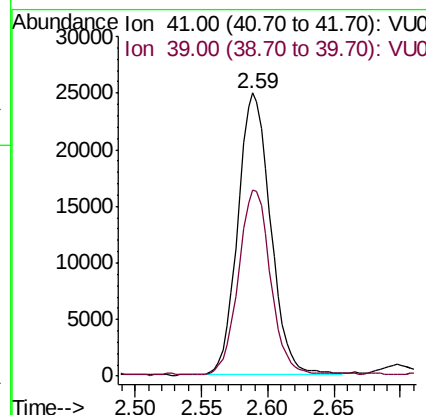
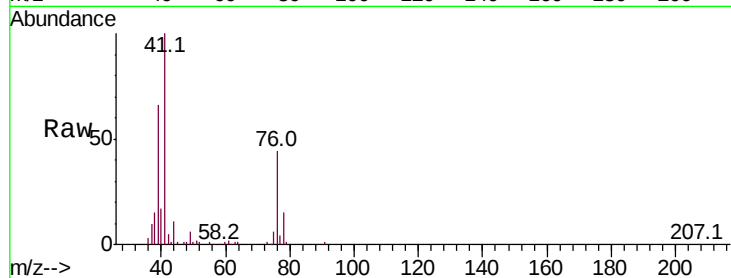
#11
Allvl Chloride
Concen: 1.888 ug/l
RT: 2.59 min Scan# 466
Delta R.T. -0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBS01

Tot Ion: 41 Resp: 42812
Ion Ratio Lower Upper
41 100
39 63.3 51.6 77.4

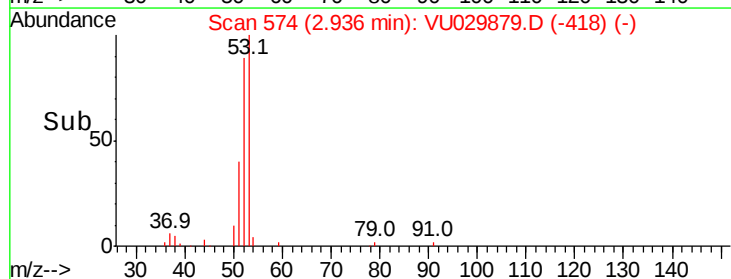
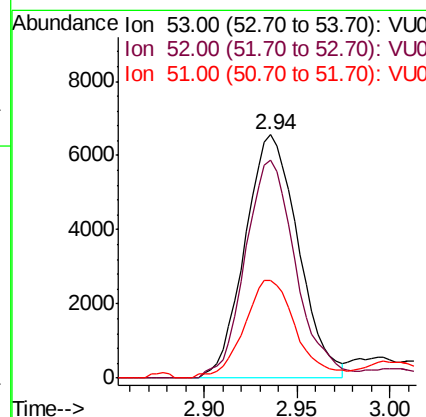
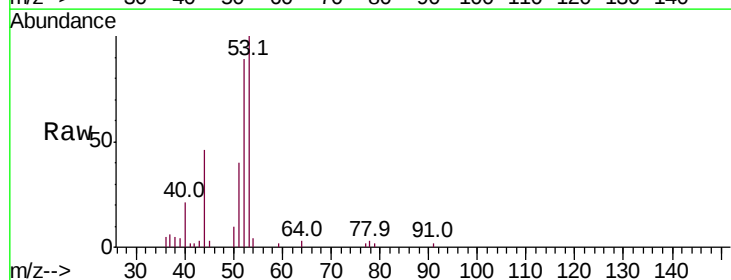
Manual Integrations
APPROVED

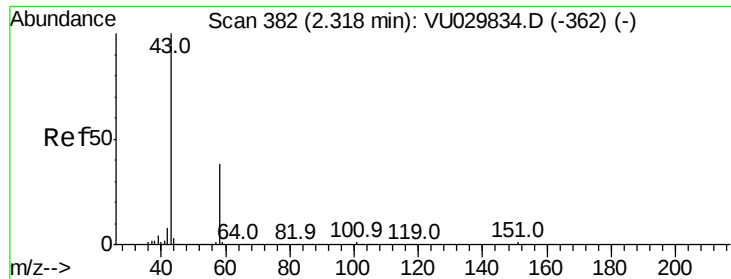
MMDadoda
3/11/2019 6:55:49 PM



#12
Acrylonitrile
Concen: 3.720 ug/l
RT: 2.94 min Scan# 574
Delta R.T. 0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

Tgt Ion: 53 Resp: 13079
Ion Ratio Lower Upper
53 100
52 85.0 66.5 99.7
51 39.4 28.6 42.8





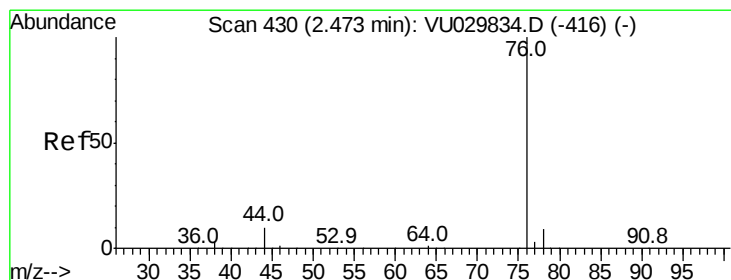
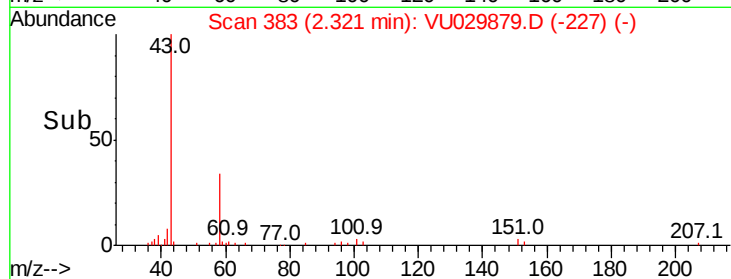
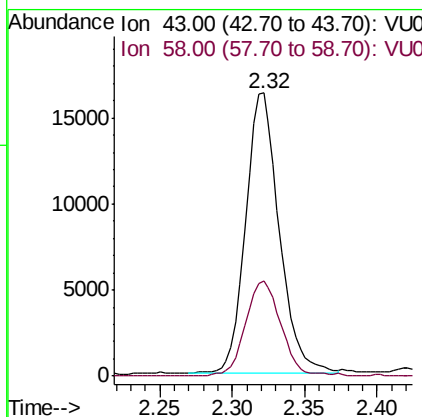
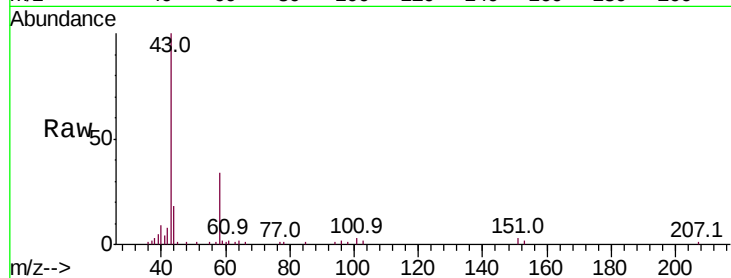
#13
Acetone
Concen: 9.096 ug/l
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBS01

Tot Ion: 43 Resp: 26490
Ion Ratio Lower Upper
43 100
58 33.9 30.2 45.2

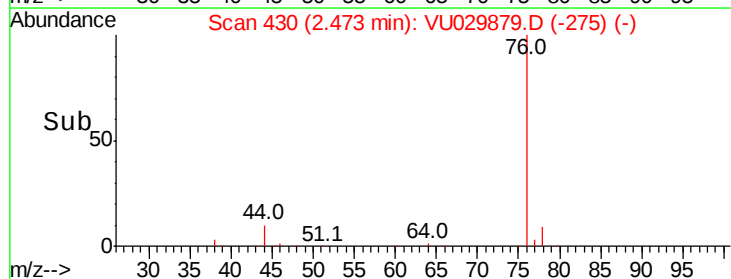
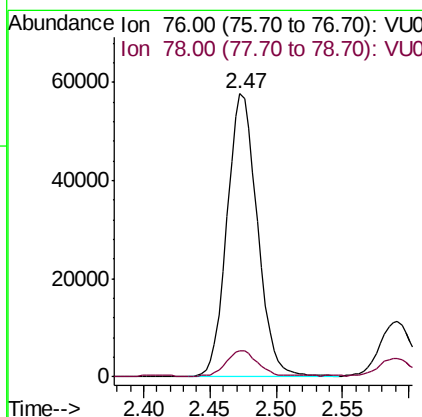
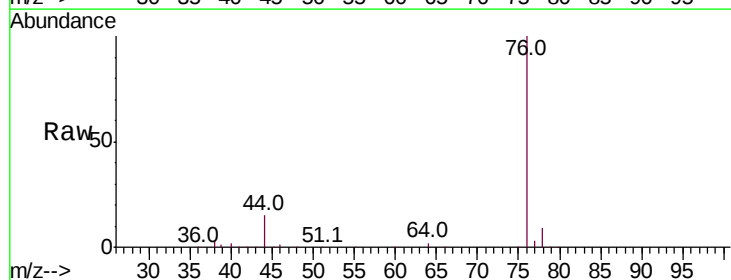
Manual Integrations
APPROVED

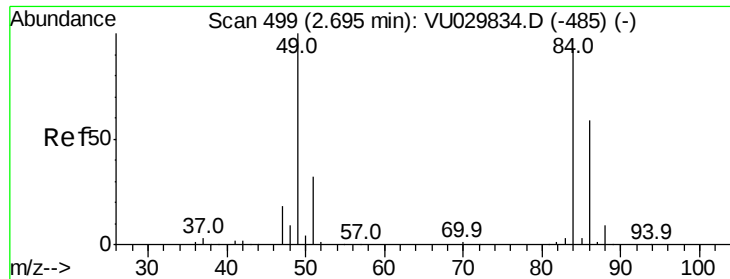
MMDadoda
3/11/2019 6:55:49 PM



#14
Carbon Disulfide
Concen: 1.766 ug/l
RT: 2.47 min Scan# 430
Delta R.T. -0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

Tgt Ion: 76 Resp: 92216
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8





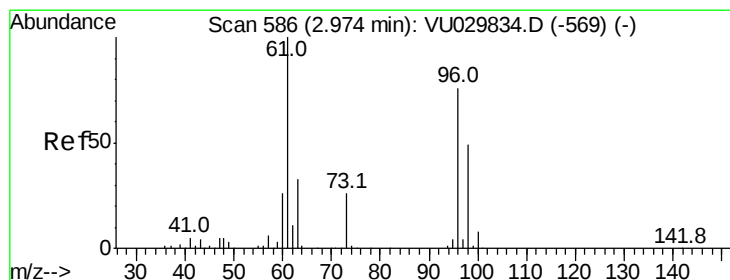
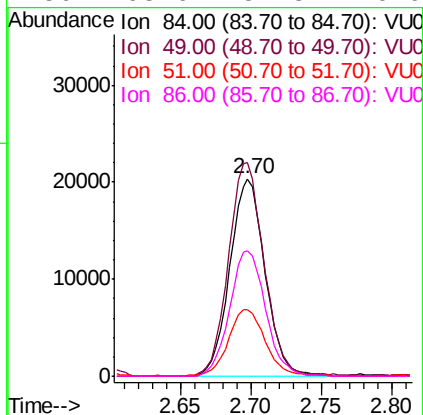
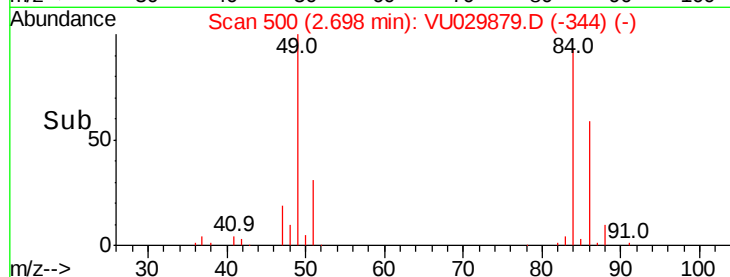
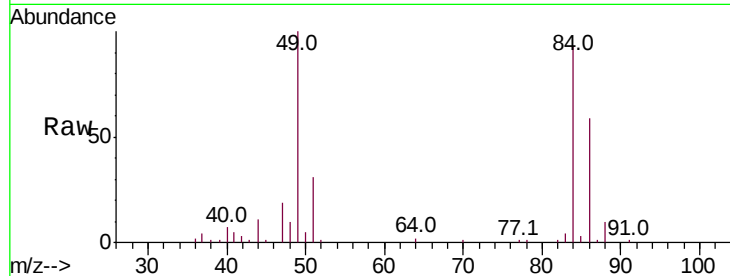
#15
Methvlene Chloride
Concen: 1.837 ug/l
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBS01

Tot Ion	84	Resp	35549
Ion Ratio	Lower	Upper	
84	100		
49	108.1	87.2	130.8
51	33.5	0.0	69.0
86	63.6	51.3	76.9

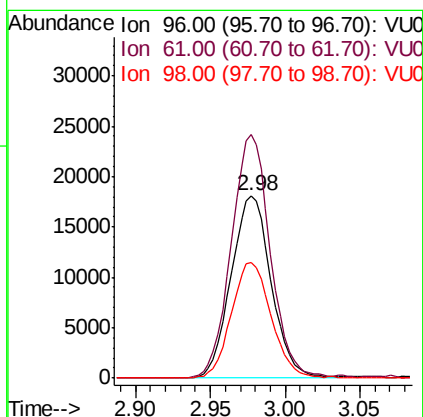
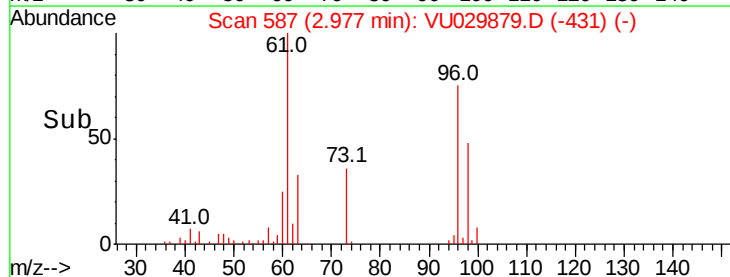
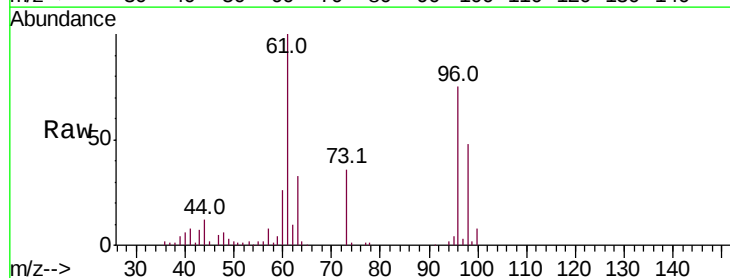
Manual Integrations
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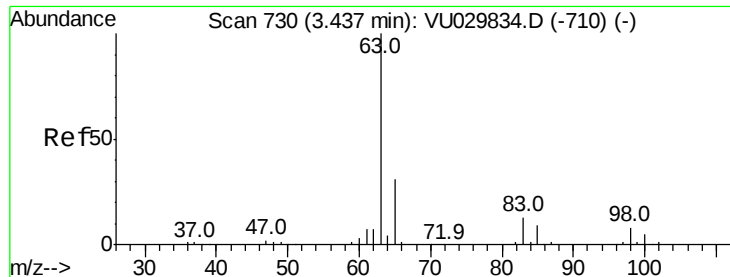
MMDadoda
3/11/2019 6:55:49 PM



#16
trans-1,2-Dichloroethene
Concen: 1.858 ug/l
RT: 2.98 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

Tgt Ion	96	Resp	33847
Ion Ratio	Lower	Upper	
96	100		
61	133.3	104.7	157.1
98	63.4	50.9	76.3





#17

1,1-Dichloroethane

Concen: 1.860 ug/l

RT: 3.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Instrument :

MSVOA_U

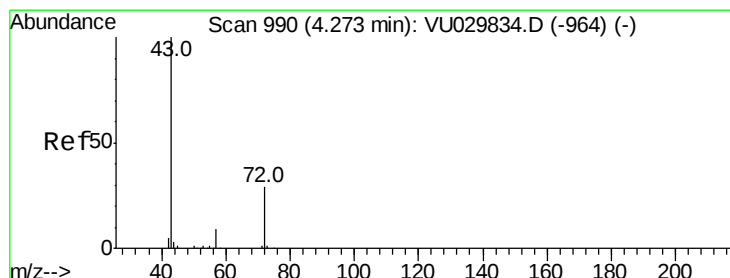
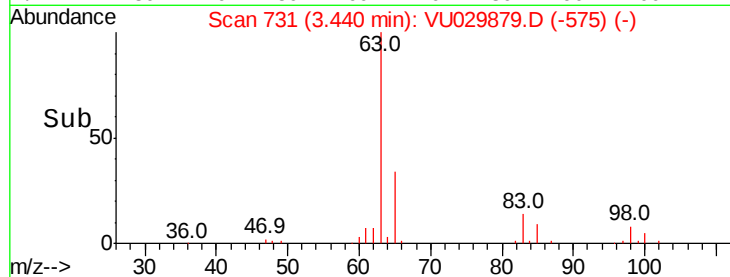
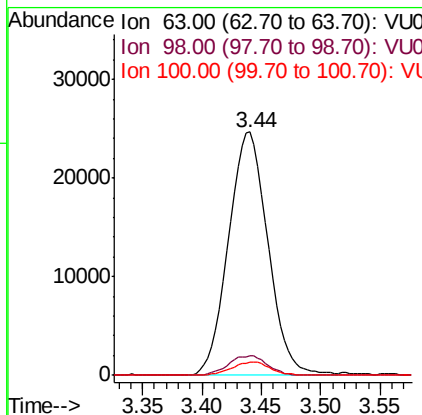
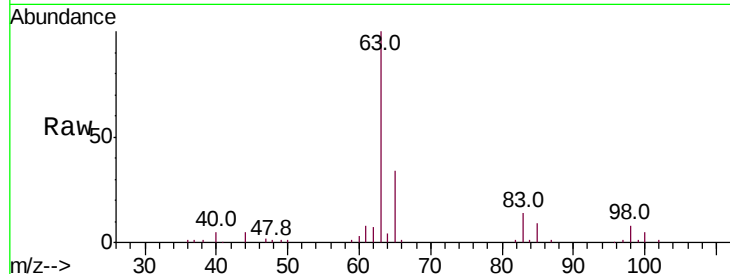
ClientSampleId :

VU0310WBS01

Tot Ion:	63	Resp:	56703
Ion Ratio	Lower	Upper	
63	100		
98	8.0	3.8	11.4
100	5.4	2.4	7.1

Manual Integrations
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3/11/2019 6:55:49 PM



#18

2-Butanone

Concen: 9.270 ug/l

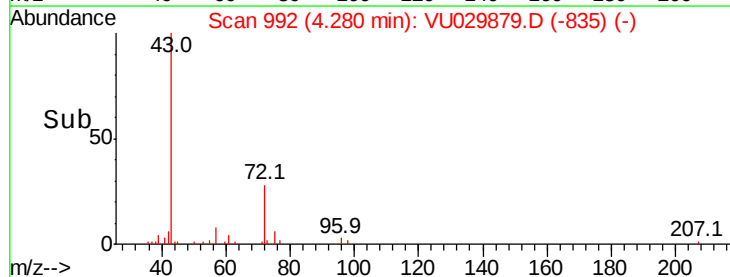
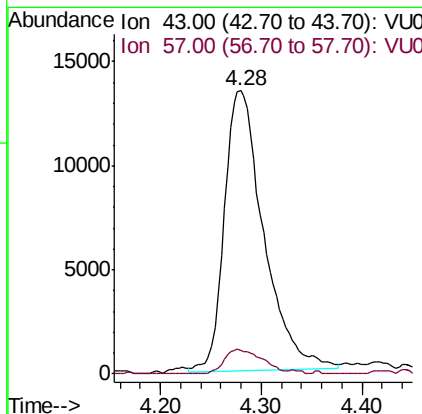
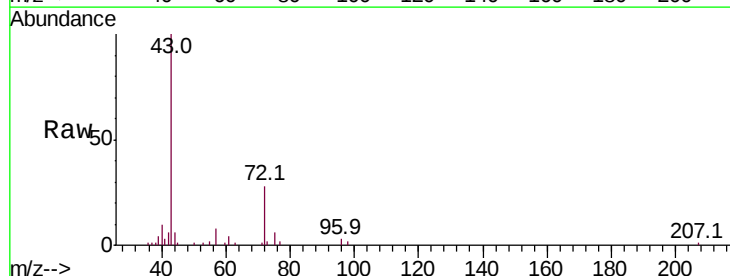
RT: 4.28 min Scan# 992

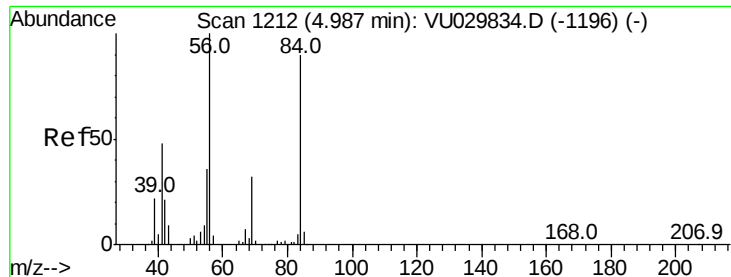
Delta R.T. 0.01 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Tgt Ion:	43	Resp:	36690
Ion Ratio	Lower	Upper	
43	100		
57	8.6	0.0	18.6





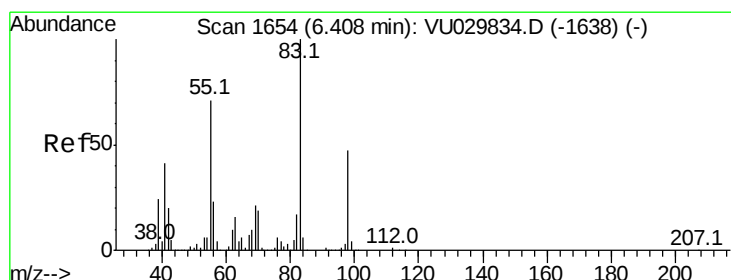
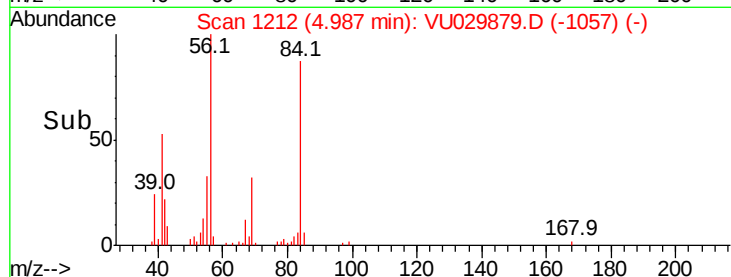
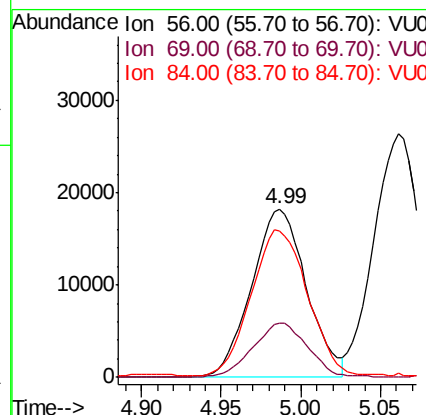
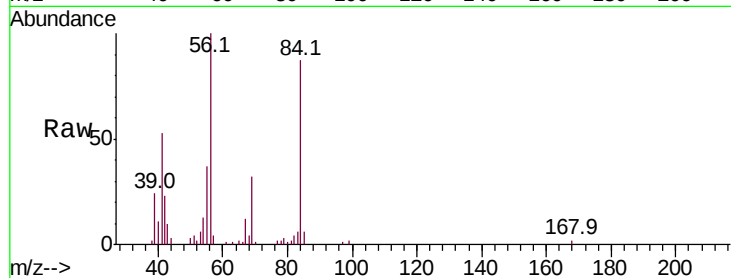
#19
Cyclohexane
Concen: 1.828 ug/l m
RT: 4.99 min Scan# 1212
Delta R.T. -0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.2	29.4	44.2
84	88.3	84.6	127.0

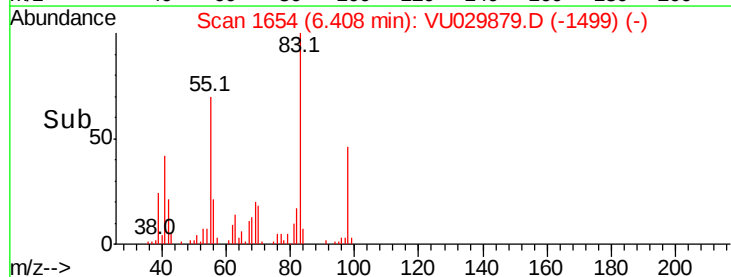
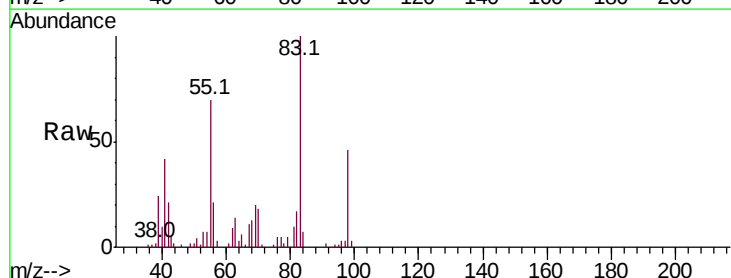
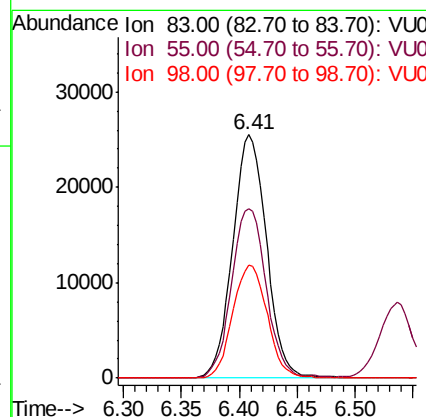
Manual Integrations
APPROVED

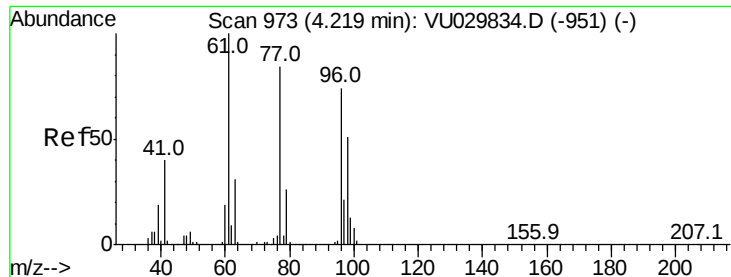
MMDadoda
3/11/2019 6:55:49 PM



#20
Methylcyclohexane
Concen: 1.868 ug/l
RT: 6.41 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

Tgt Ion	Ratio	Lower	Upper
83	100		
55	70.0	55.9	83.9
98	47.4	37.0	55.4





#21

2,2-Dichloropropane

Concen: 1.848 ug/l

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

VU0310WBS01

Tot Ion: 77 Resp: 46043

Ion Ratio Lower Upper

77 100

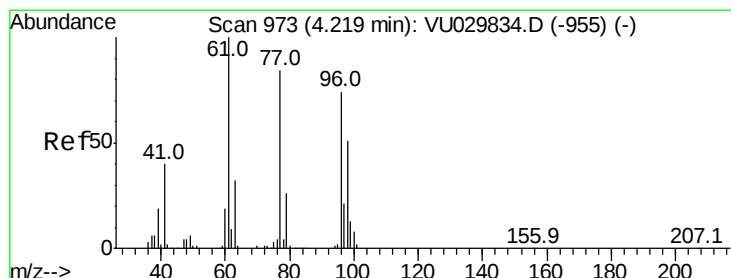
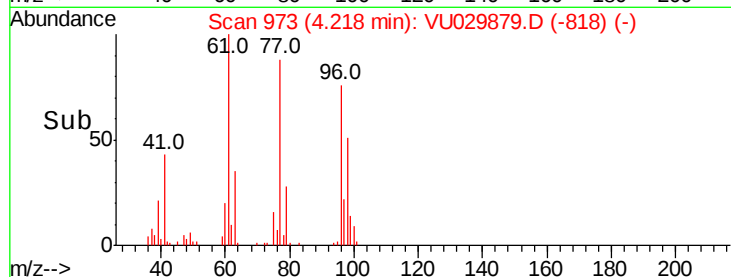
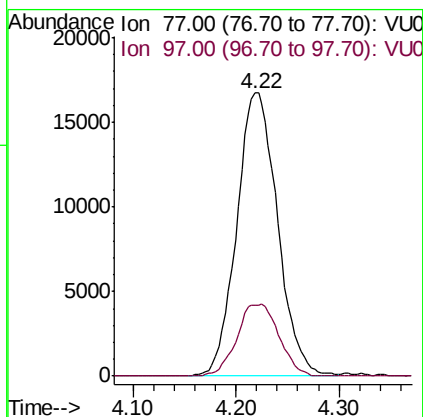
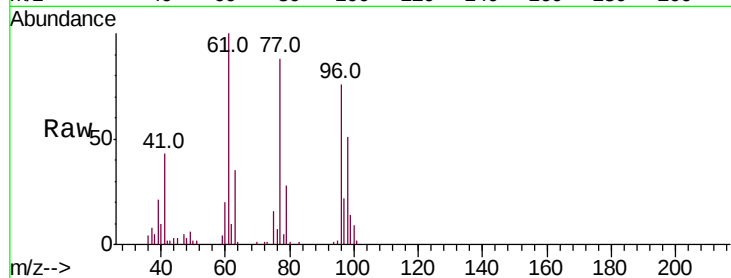
97 26.2 20.2 30.2

Manual Integrations

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3/11/2019 6:55:49 PM



#22

cis-1,2-Dichloroethene

Concen: 1.911 ug/l

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

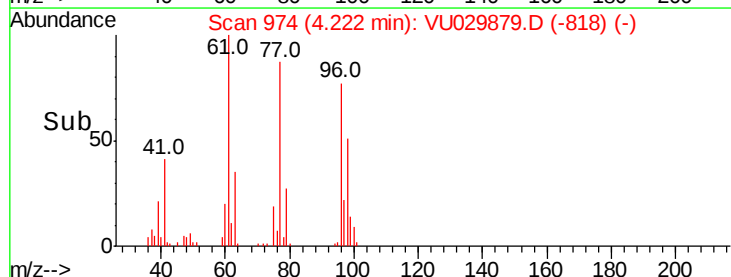
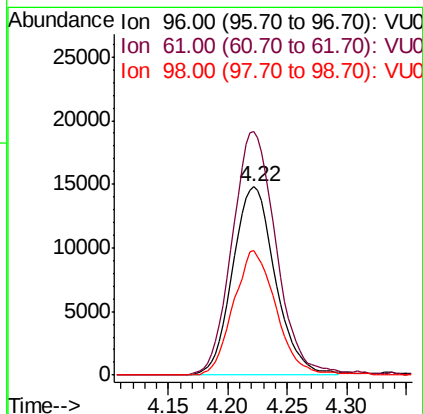
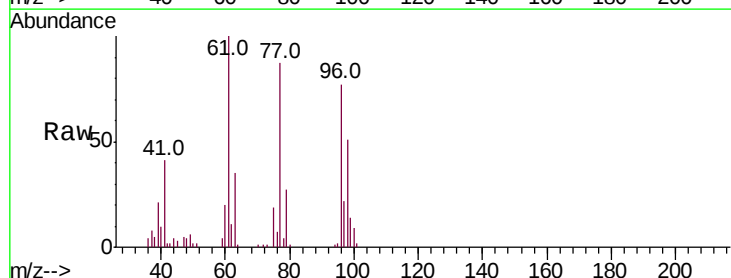
Tgt Ion: 96 Resp: 36888

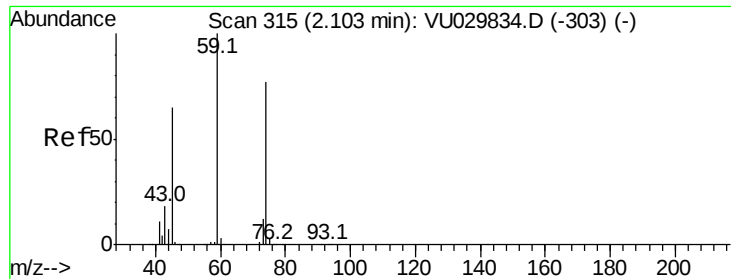
Ion Ratio Lower Upper

96 100

61 132.8 0.0 339.0

98 65.1 33.1 99.5





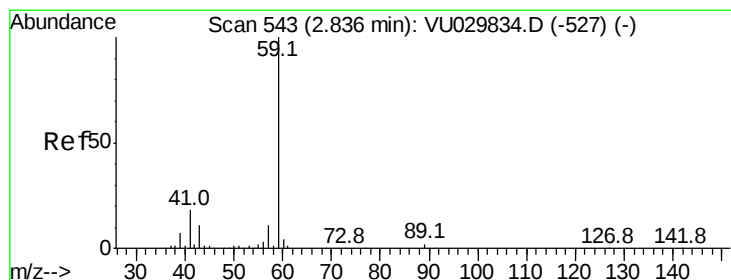
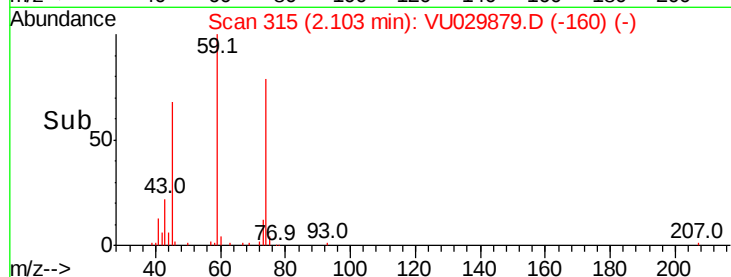
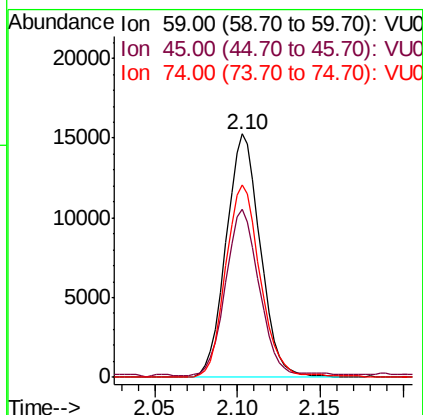
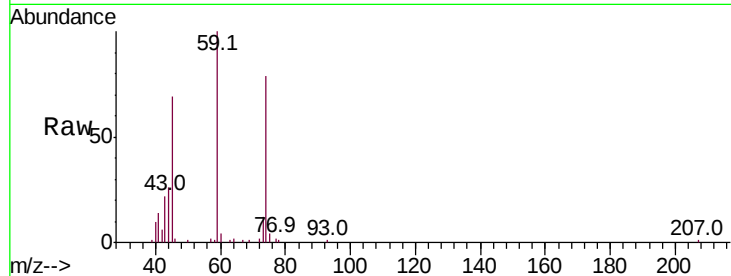
#23
Diethyl Ether
Concen: 1.809 ug/l
RT: 2.10 min Scan# 315
Delta R.T. -0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
45	66.7	52.7	79.1
74	79.8	61.8	92.6

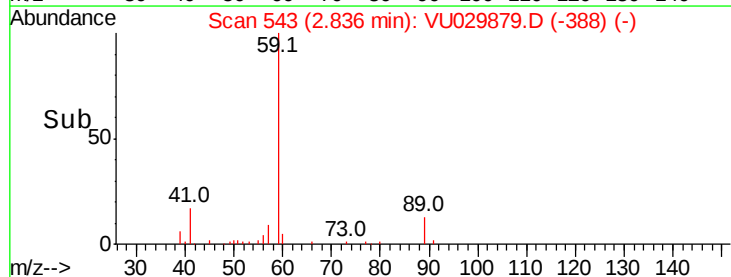
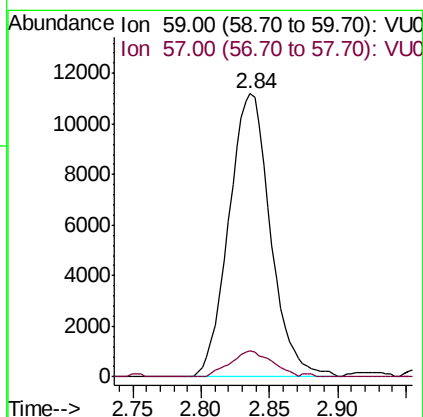
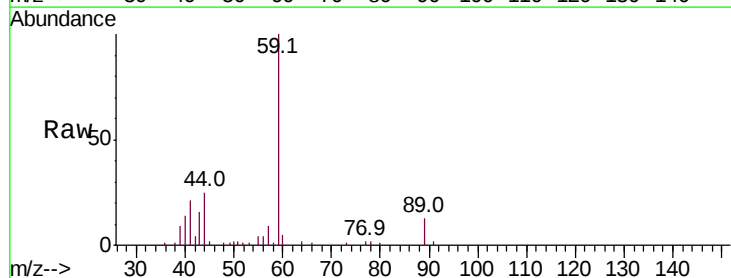
Manual Integrations
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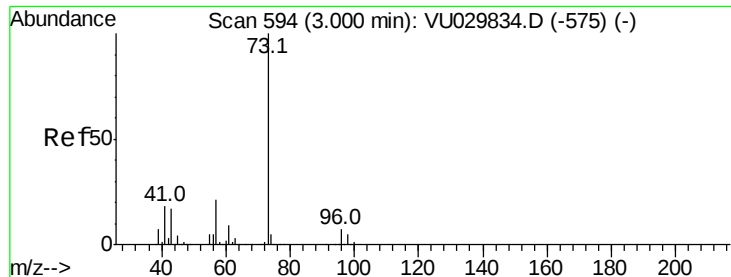
MMDadoda
3/11/2019 6:55:49 PM



#24
tert-Butyl Alcohol
Concen: 19.029 ug/l
RT: 2.84 min Scan# 543
Delta R.T. -0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.3	8.5	12.7





#25

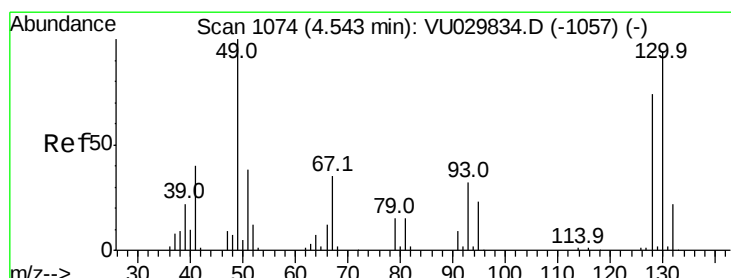
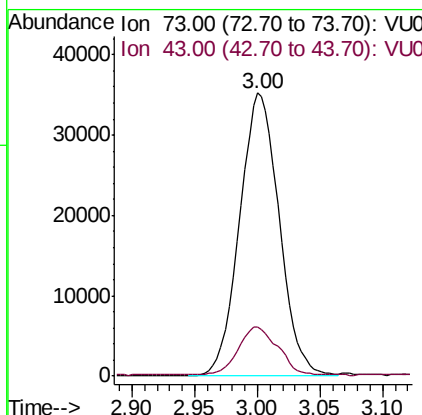
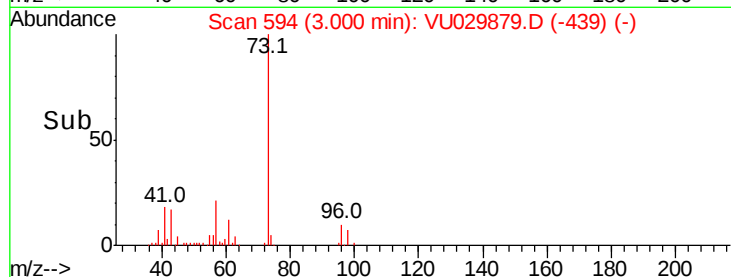
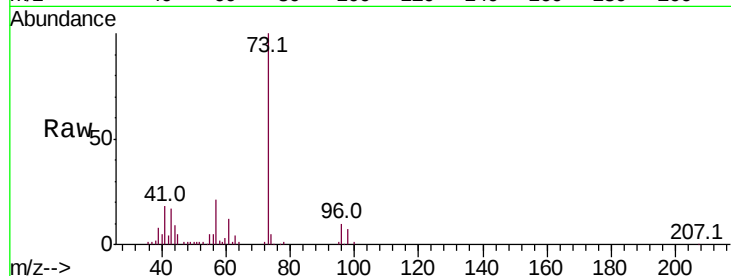
Methyl tert-Butyl Ether
 Concen: 1.910 ug/l
 RT: 3.00 min Scan# 594
 Delta R.T. -0.00 min
 Lab File: VU029879.D
 Acq: 08 Mar 2019 11:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
43	16.5	13.1	19.7

Manual Integrations
 APPROVED

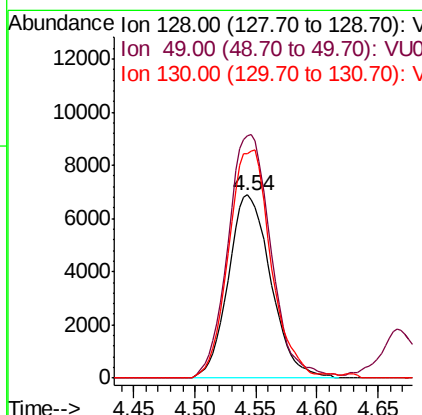
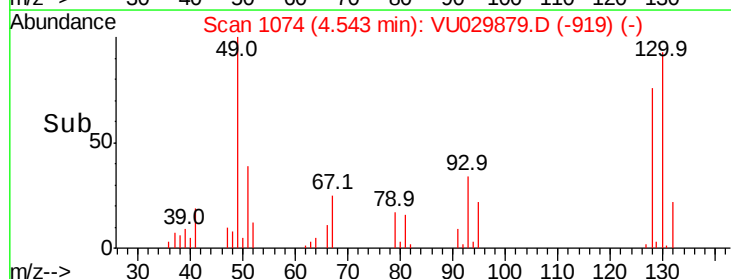
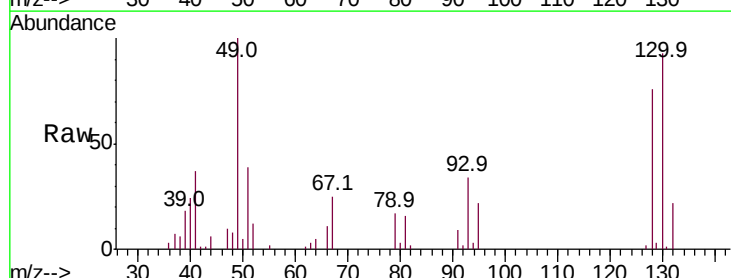
MMDadoda
 3/11/2019 6:55:49 PM

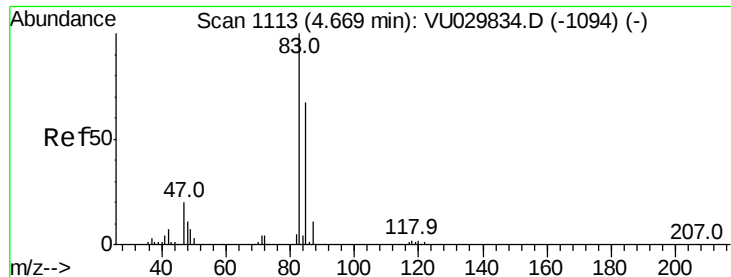


#26

Bromochloromethane
 Concen: 1.949 ug/l
 RT: 4.54 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VU029879.D
 Acq: 08 Mar 2019 11:04

Tgt Ion	Ratio	Lower	Upper
128	100		
49	134.5	0.0	270.6
130	124.2	104.2	156.4





#27

Chloroform

Concen: 1.956 ug/l

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

VU0310WBS01

Tot Ion: 83 Resp: 60383

Ion Ratio Lower Upper

83 100

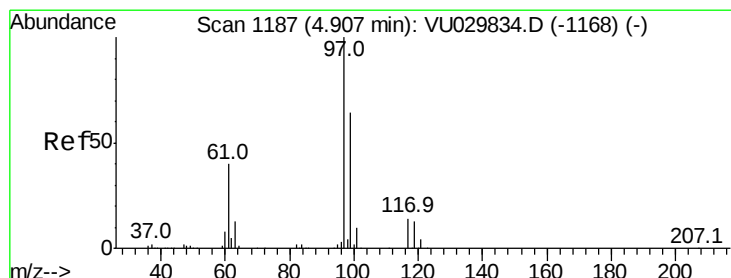
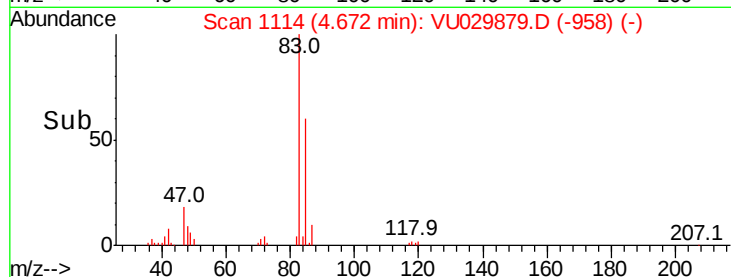
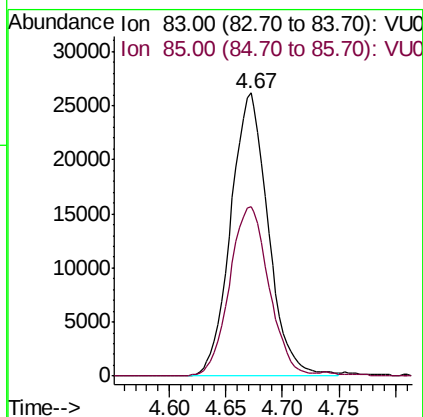
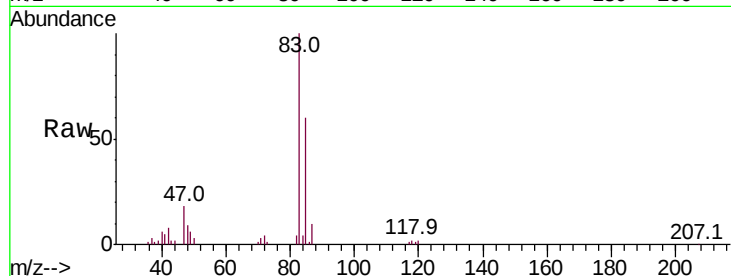
85 60.0 0.0 133.2

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#28

1,1,1-Trichloroethane

Concen: 1.848 ug/l

RT: 4.91 min Scan# 1188

Delta R.T. 0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

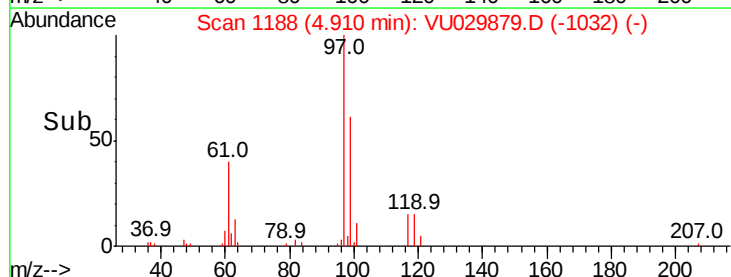
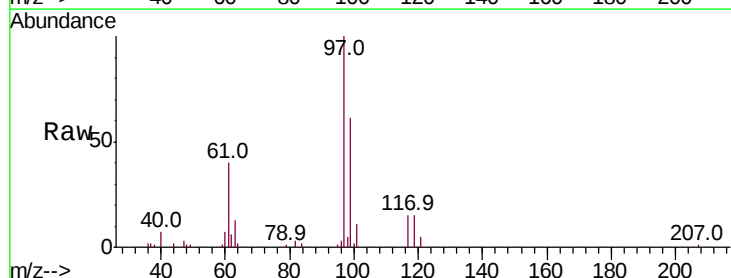
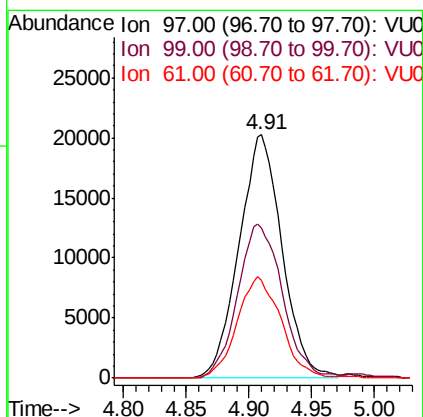
Tgt Ion: 97 Resp: 48363

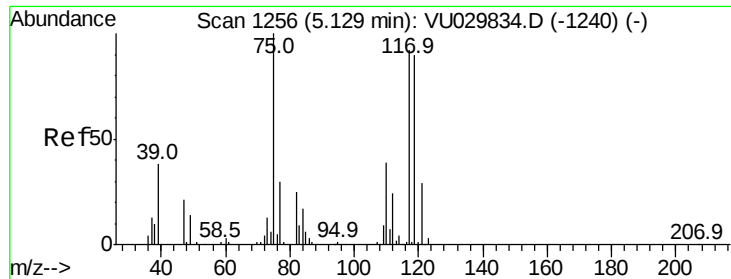
Ion Ratio Lower Upper

97 100

99 65.6 31.9 95.9

61 42.3 20.4 61.3





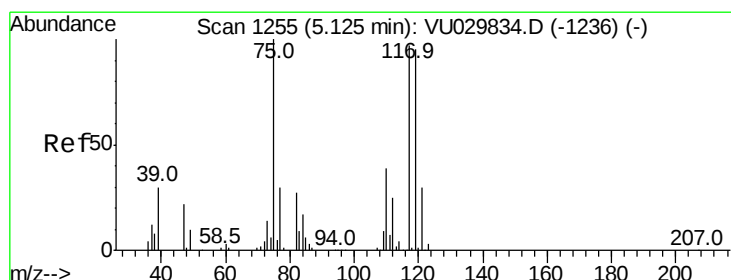
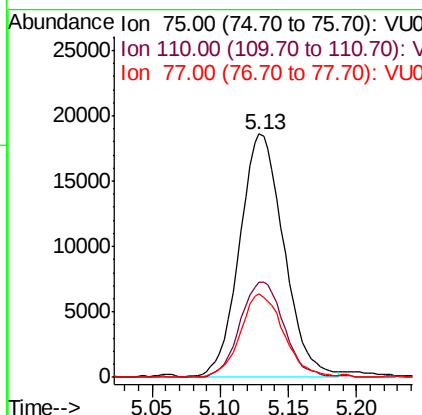
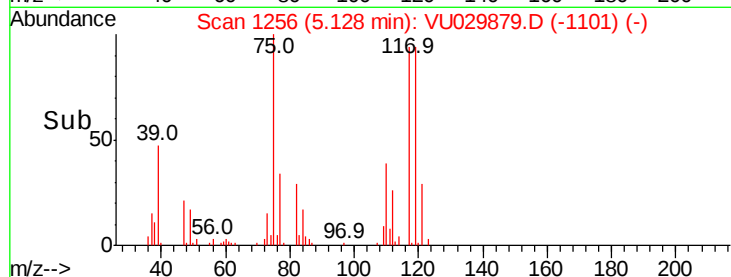
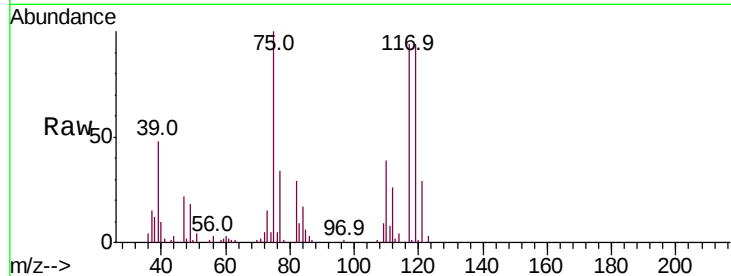
#29
 1,1-Dichloropropene
 Concen: 1.804 ug/l
 RT: 5.13 min Scan# 1256
 Delta R.T. -0.00 min
 Lab File: VU029879.D
 Acq: 08 Mar 2019 11:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
110	38.6	19.1	57.5
77	33.5	23.9	35.9

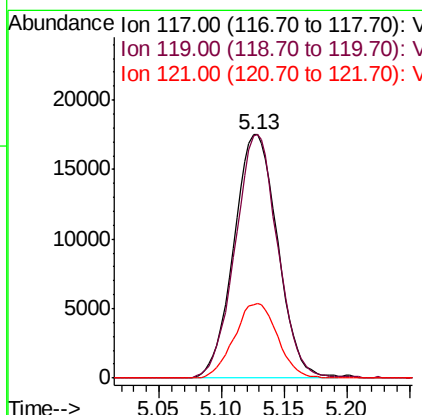
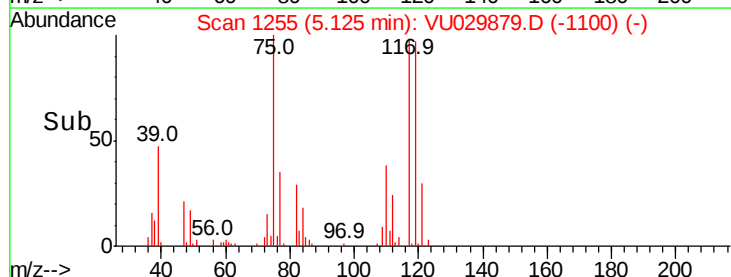
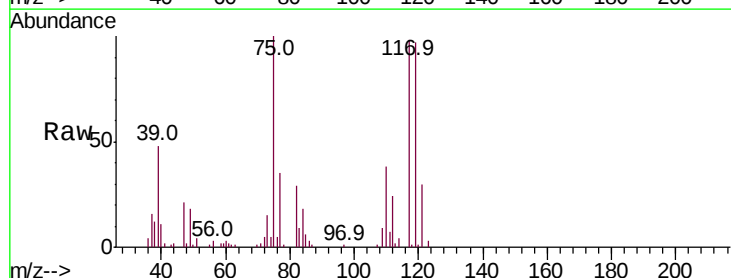
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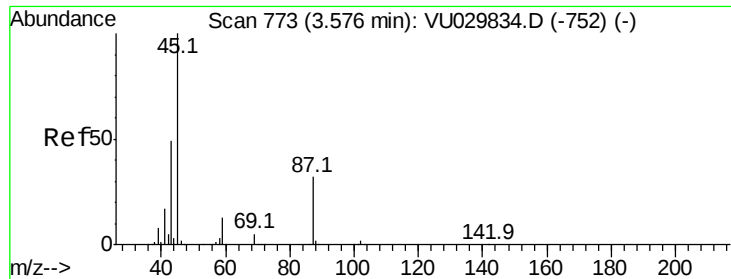
MMDadoda
 3/11/2019 6:55:49 PM



#30
 Carbon Tetrachloride
 Concen: 1.860 ug/l
 RT: 5.13 min Scan# 1255
 Delta R.T. -0.00 min
 Lab File: VU029879.D
 Acq: 08 Mar 2019 11:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.3	78.4	117.6
121	30.3	25.0	37.4





#31

Isopropyl Ether

Concen: 1.951 ug/l

RT: 3.58 min Scan# 773

Delta R.T. -0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Tot Ion: 45 Resp: 82027

Ion Ratio Lower Upper

45 100

43 50.0 24.3 72.9

Instrument :

MSVOA_U

ClientSampleId :

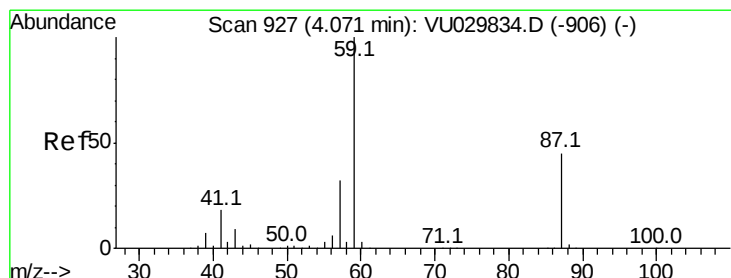
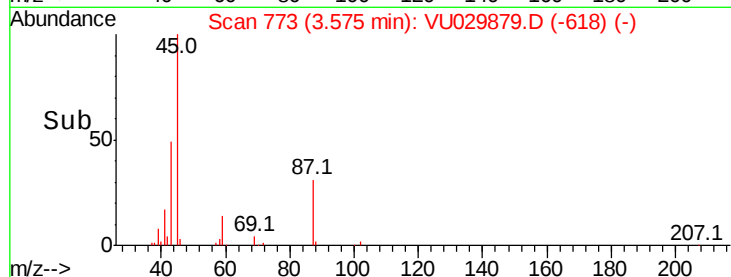
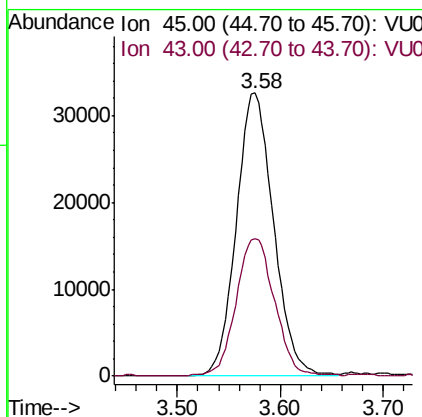
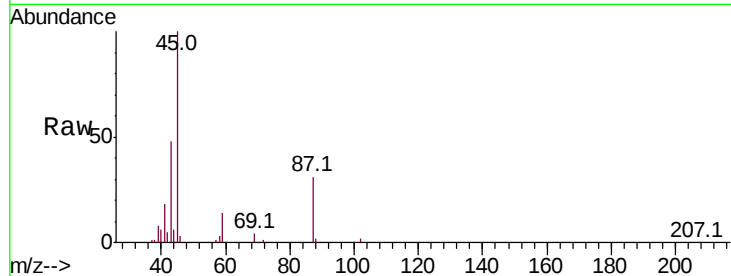
VU0310WBS01

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#32

Ethyl-t-butyl ether

Concen: 1.932 ug/l

RT: 4.07 min Scan# 927

Delta R.T. -0.00 min

Lab File: VU029879.D

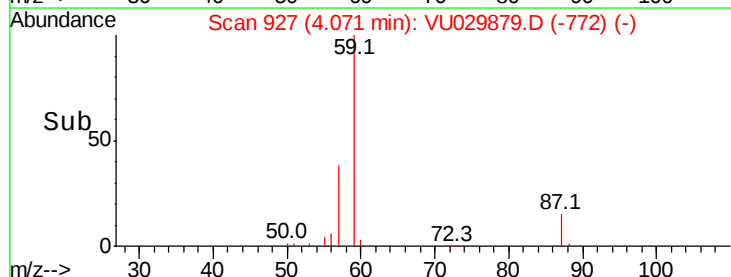
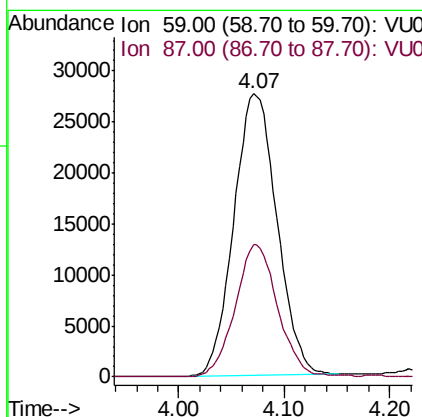
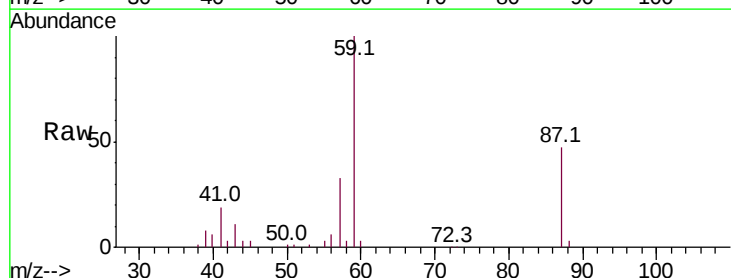
Acq: 08 Mar 2019 11:04

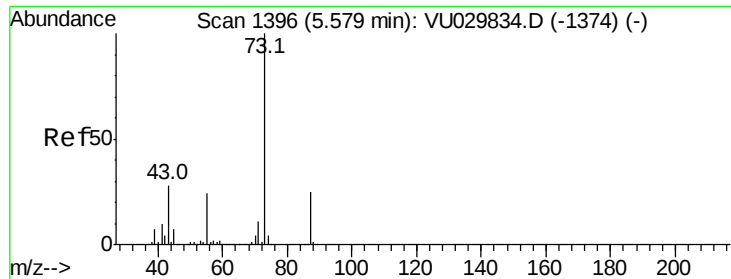
Tgt Ion: 59 Resp: 78934

Ion Ratio Lower Upper

59 100

87 45.2 36.2 54.4





#33

Tert-Amvl methvl ether

Concen: 1.879 ug/l

RT: 5.58 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VU029879.D

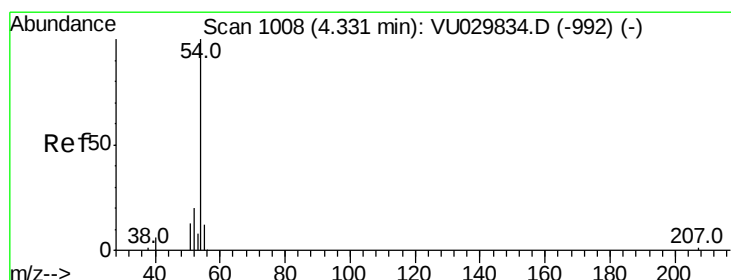
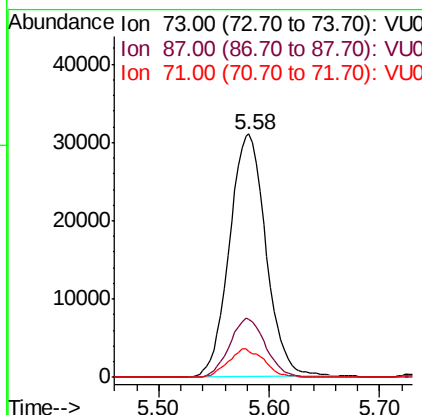
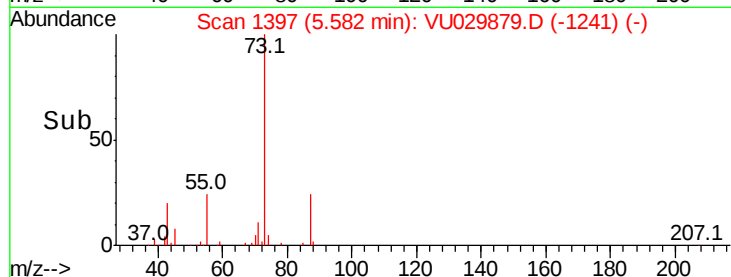
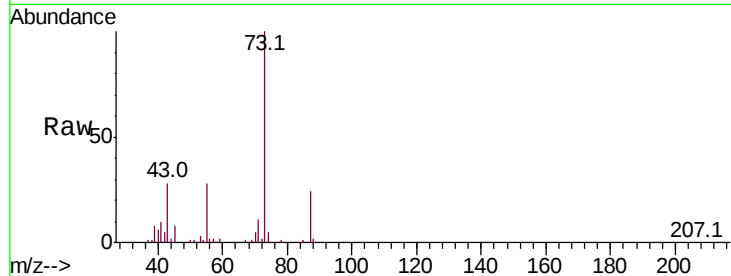
Acq: 08 Mar 2019 11:04

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
87	23.9	19.7	29.5
71	11.5	9.4	14.2

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#34

Propionitrile

Concen: 9.297 ug/l

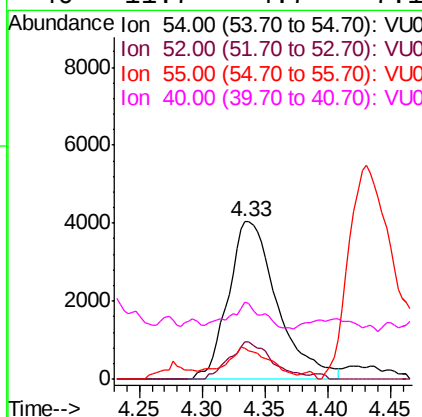
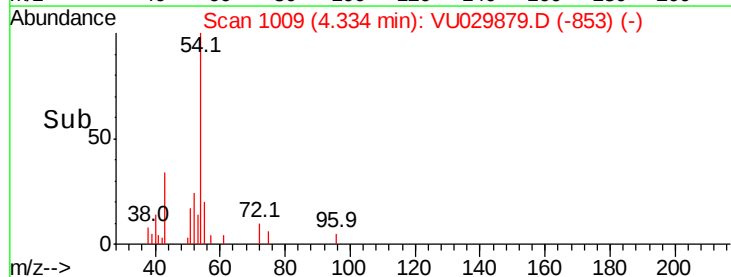
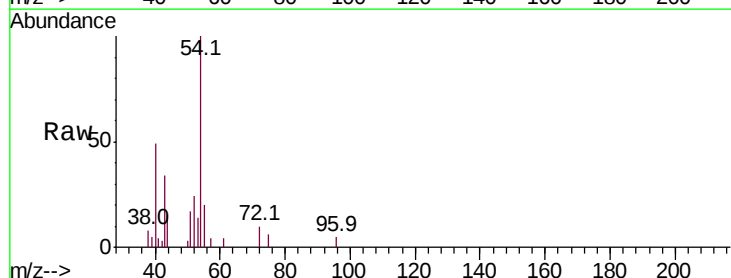
RT: 4.33 min Scan# 1009

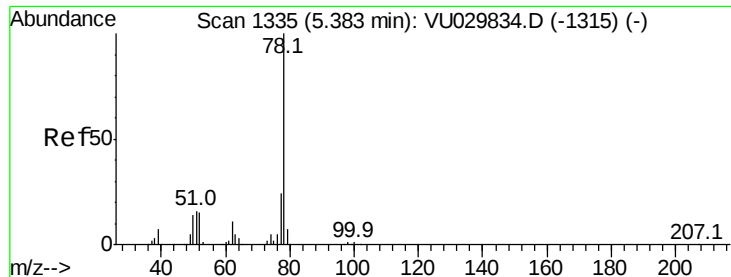
Delta R.T. 0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Tgt Ion	Ratio	Lower	Upper
54	100		
52	20.3	16.1	24.1
55	14.0	11.2	16.8
40	11.7	4.7	7.1#





#35

Benzene

Concen: 1.904 ug/l

RT: 5.39 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

VU0310WBS01

Tot Ion: 78 Resp: 130445

Ion Ratio Lower Upper

78 100

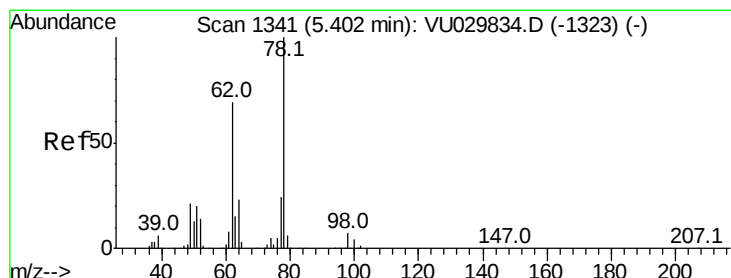
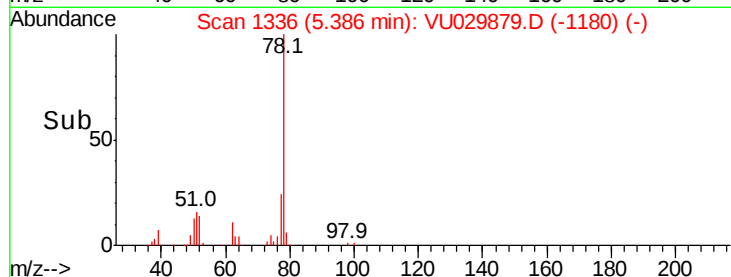
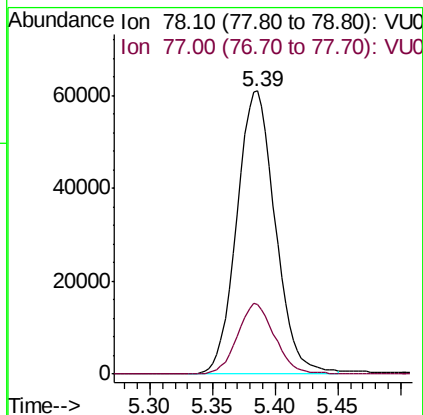
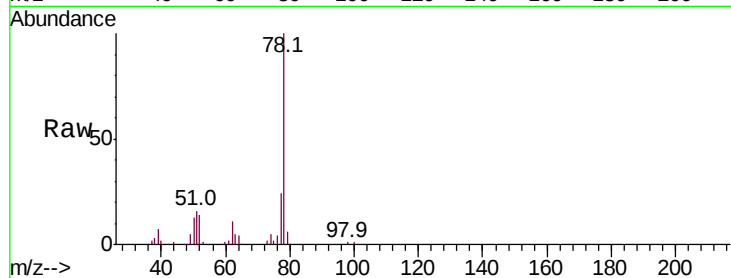
77 24.5 19.2 28.8

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#36

1,2-Dichloroethane

Concen: 1.854 ug/l

RT: 5.40 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VU029879.D

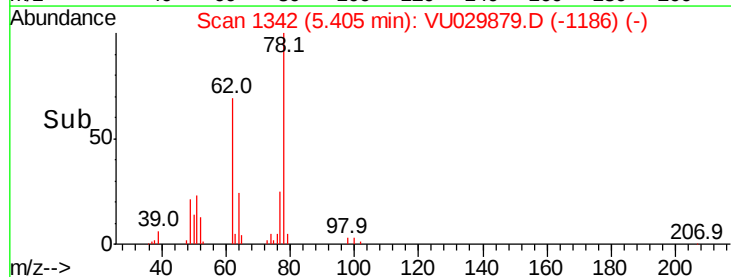
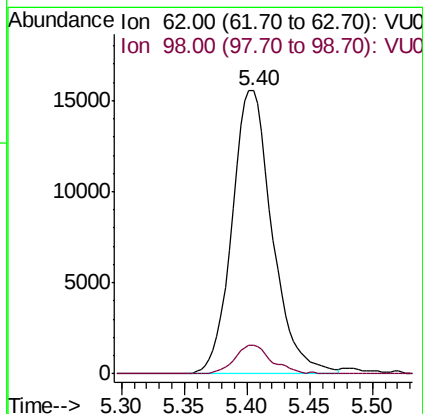
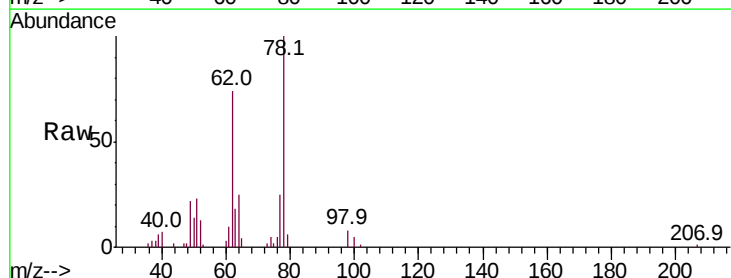
Acq: 08 Mar 2019 11:04

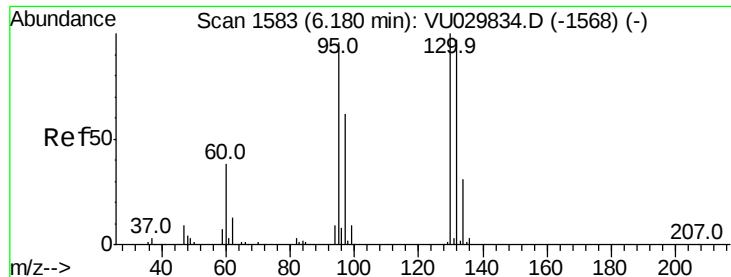
Tgt Ion: 62 Resp: 34685

Ion Ratio Lower Upper

62 100

98 9.3 8.2 12.2





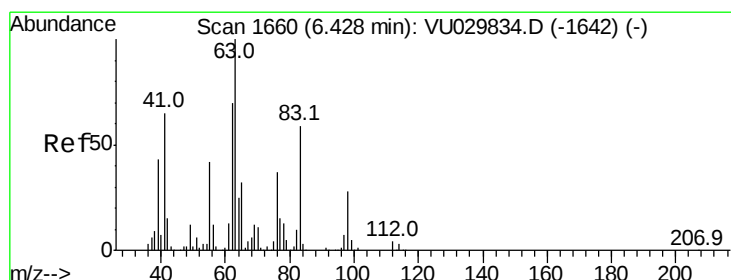
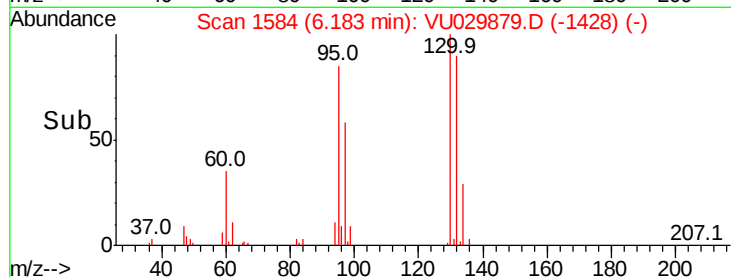
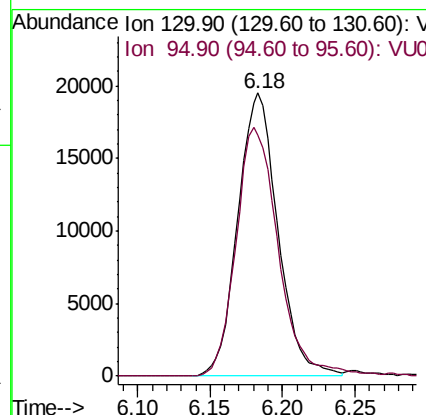
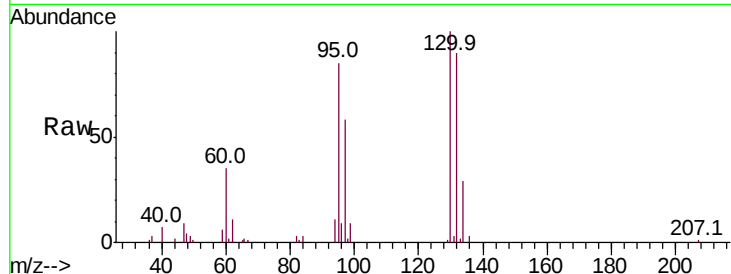
#37
 Trichloroethene
 Concen: 1.872 ug/l
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU029879.D
 Acq: 08 Mar 2019 11:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBS01

Tot Ion:130 Resp: 37444
 Ion Ratio Lower Upper
 130 100
 95 85.3 76.6 114.8

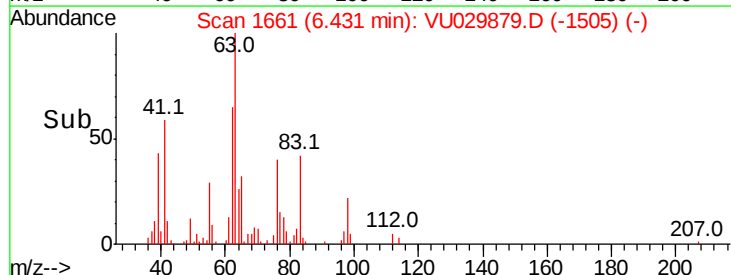
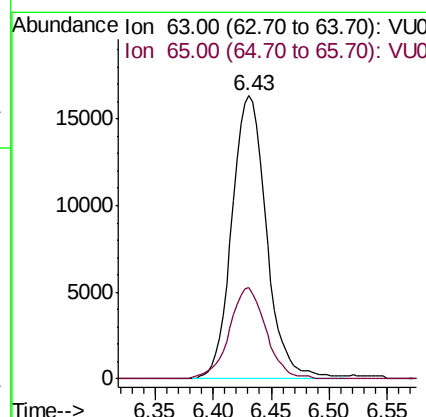
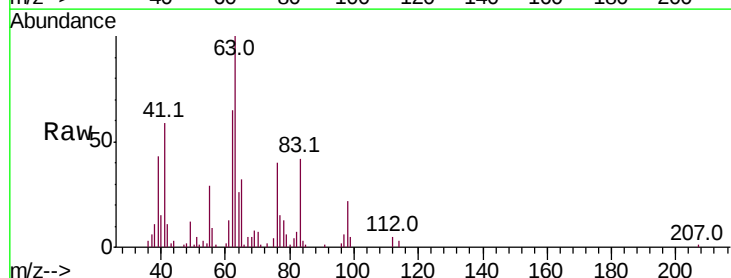
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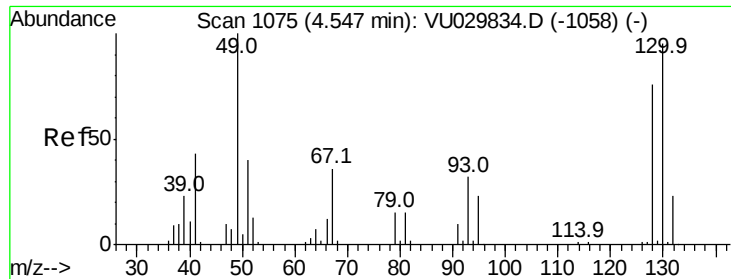
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#38
 1,2-Dichloropropane
 Concen: 1.956 ug/l
 RT: 6.43 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: VU029879.D
 Acq: 08 Mar 2019 11:04

Tgt Ion: 63 Resp: 33921
 Ion Ratio Lower Upper
 63 100
 65 32.1 25.4 38.2





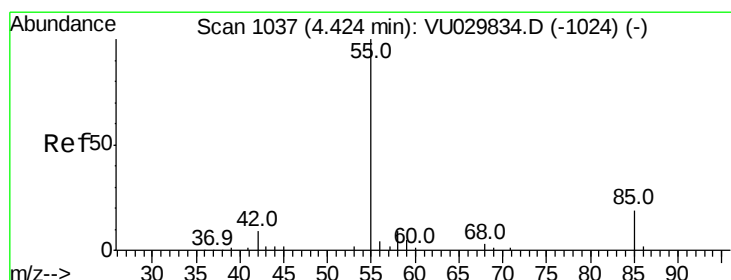
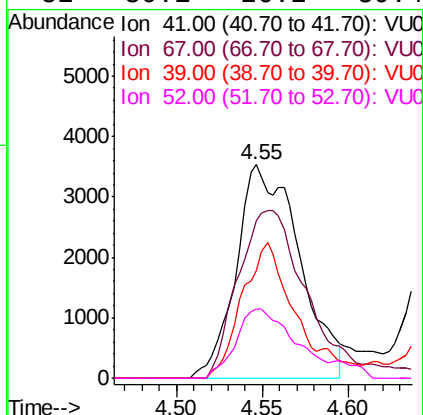
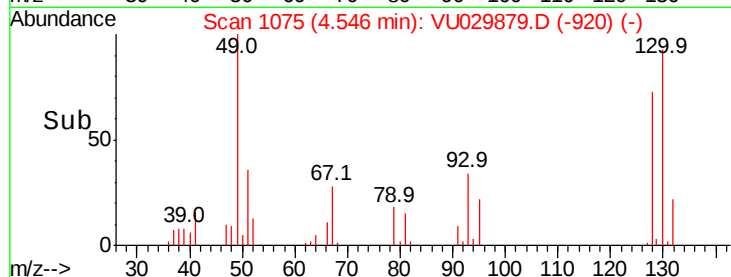
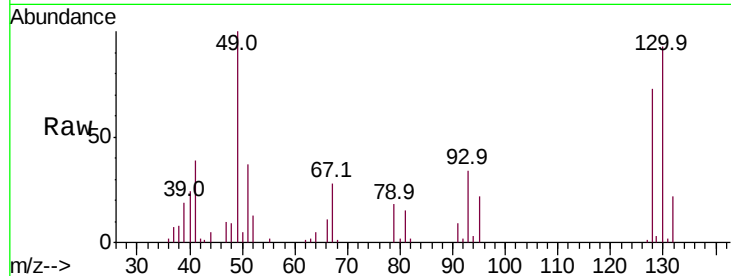
#39
Methacrylonitrile
Concen: 1.816 ug/l m
RT: 4.55 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBS01

Tot Ion: 41 Resp: 8993
Ion Ratio Lower Upper
41 100
67 88.2 68.4 102.6
39 54.5 42.6 63.8
52 30.1 26.2 39.4

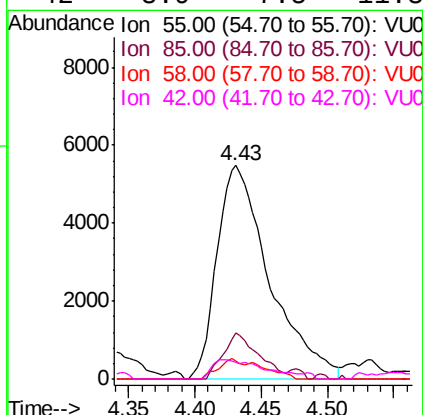
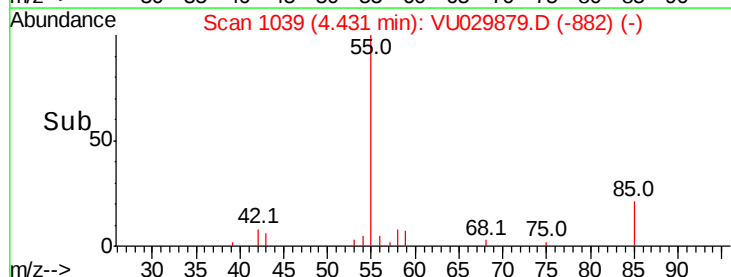
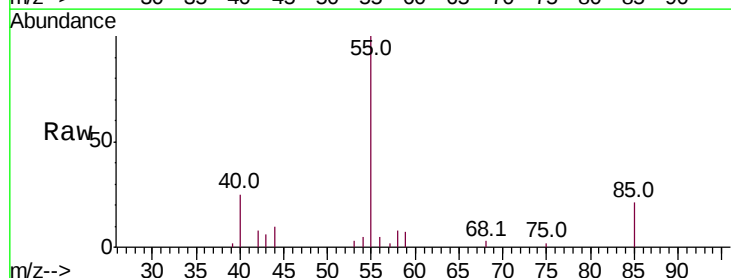
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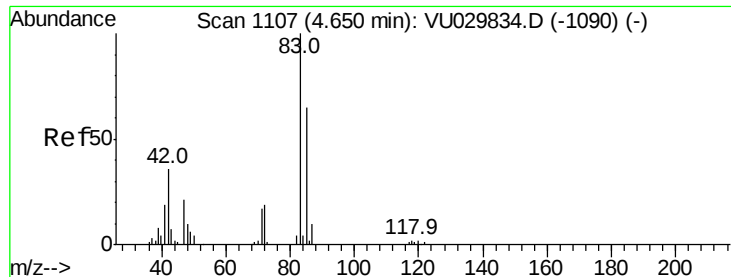
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#40
Methyl acrylate
Concen: 1.929 ug/l
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

Tgt Ion: 55 Resp: 15102
Ion Ratio Lower Upper
55 100
85 14.3 15.2 22.8#
58 4.3 7.6 11.4#
42 8.9 7.5 11.3





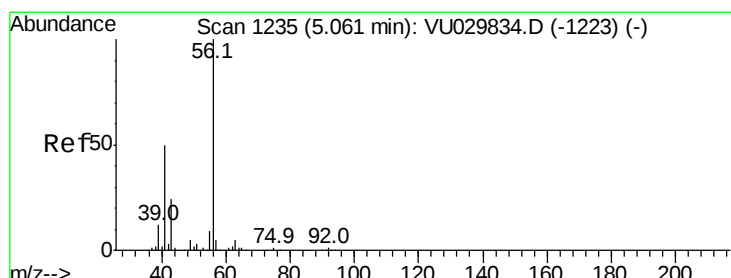
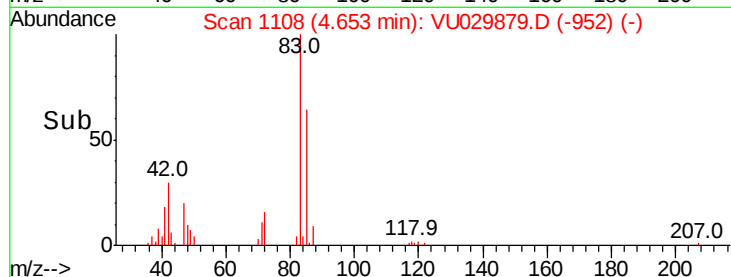
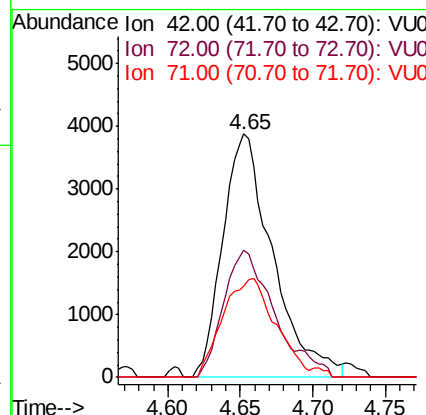
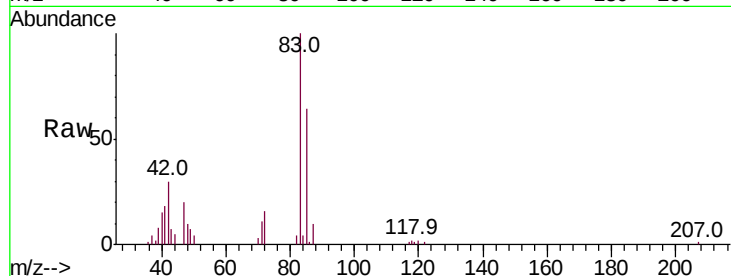
#41
Tetrahydrofuran
Concen: 3.573 ug/l
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	53.2	43.6	65.4
71	42.9	37.5	56.3

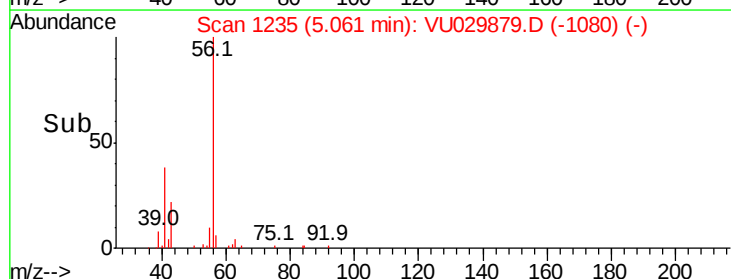
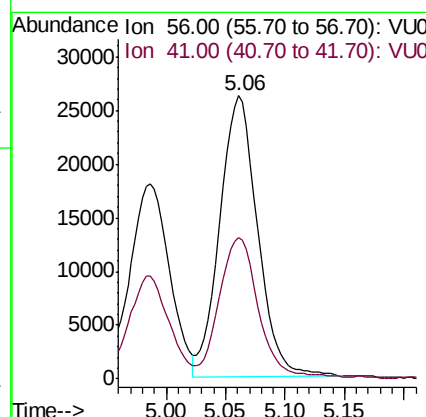
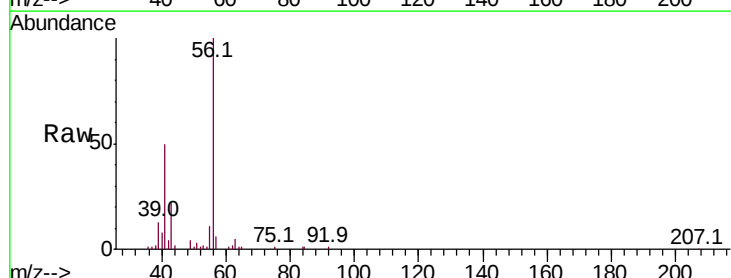
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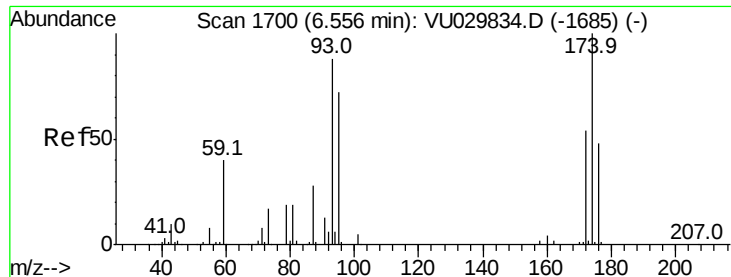
MMDadoda
3/11/2019 6:55:49 PM



#42
1-Chlorobutane
Concen: 1.951 ug/l
RT: 5.06 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

Tgt Ion	Ratio	Lower	Upper
56	100		
41	50.3	25.0	75.0





#43

Dibromomethane

Concen: 1.973 ug/l

RT: 6.56 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

VU0310WBS01

Tot Ion: 93 Resp: 17733

Ion Ratio Lower Upper

93 100

95 82.9 67.0 100.6

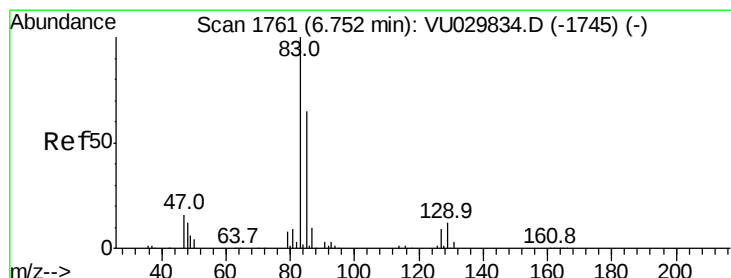
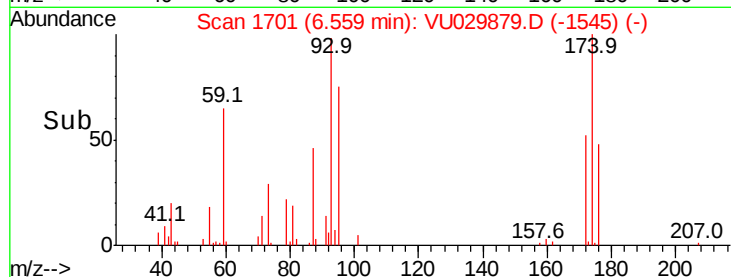
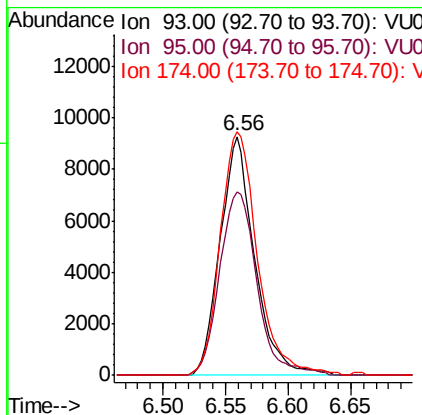
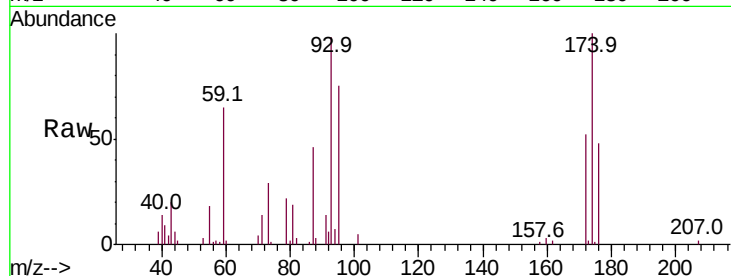
174 109.5 91.4 137.2

Manual Integrations

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#44

Bromodichloromethane

Concen: 1.823 ug/l

RT: 6.75 min Scan# 1761

Delta R.T. -0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

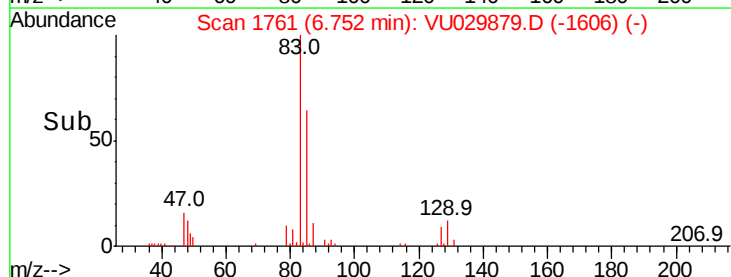
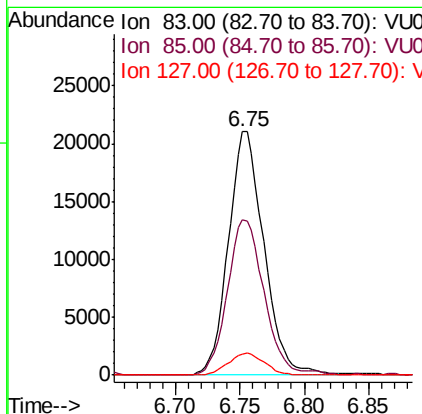
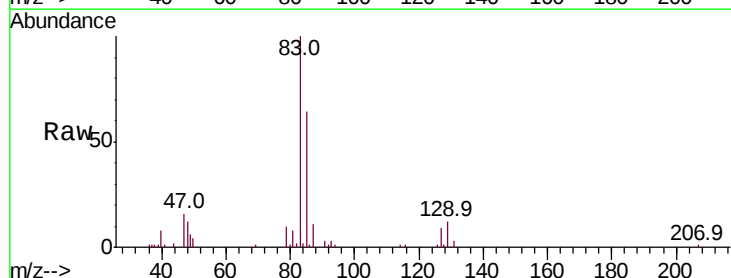
Tgt Ion: 83 Resp: 40249

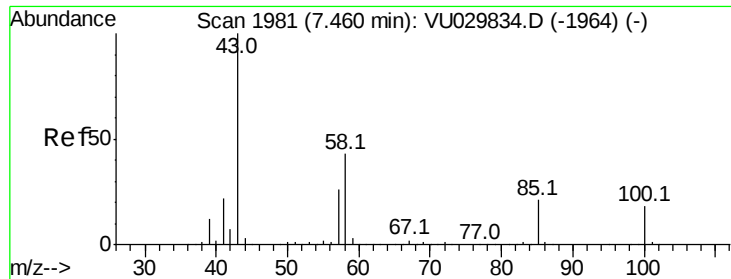
Ion Ratio Lower Upper

83 100

85 63.9 51.7 77.5

127 8.8 7.4 11.2





#45

4-Methyl-2-Pentanone

Concen: 9.284 ug/l

RT: 7.46 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Instrument :

MSVOA_U

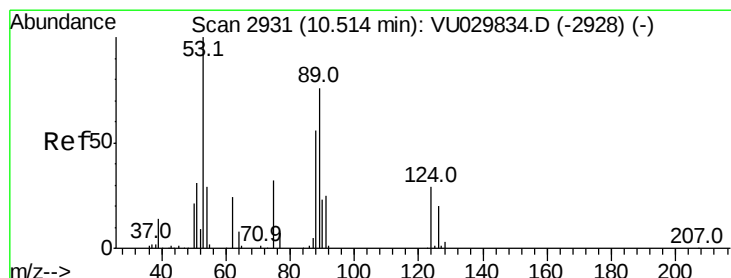
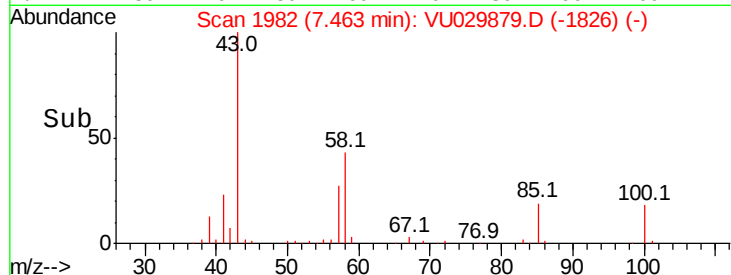
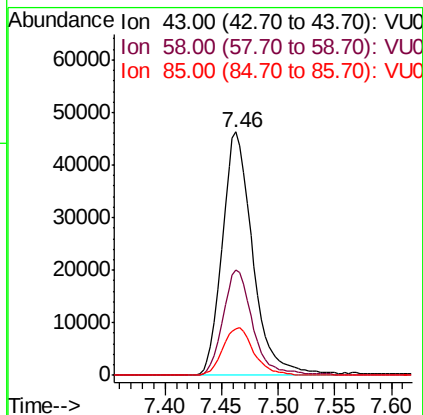
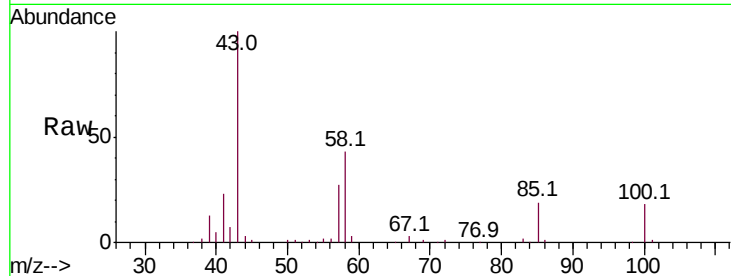
ClientSampleId :

VU0310WBS01

Tot Ion:	43	Resp:	87024
Ion	Ratio	Lower	Upper
43	100		
58	41.9	21.6	65.0
85	19.8	16.5	24.7

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#46

t-1,4-Dichloro-2-butene

Concen: 3.215 ug/l m

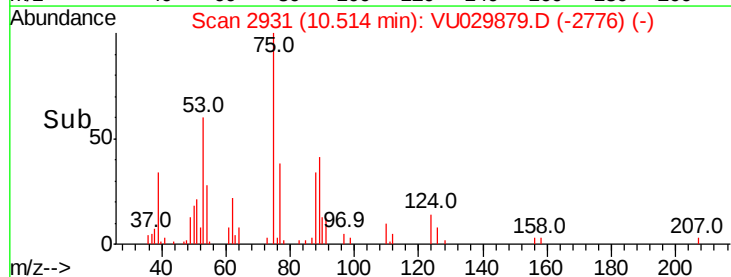
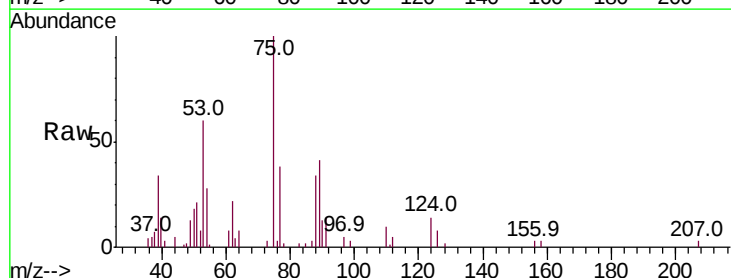
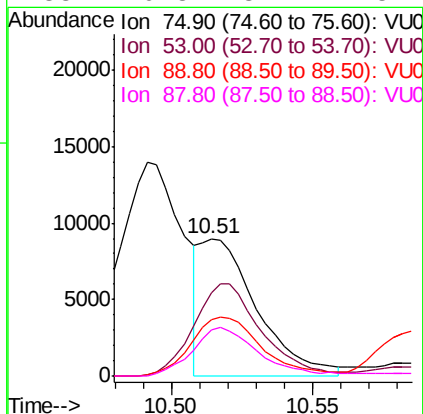
RT: 10.51 min Scan# 2931

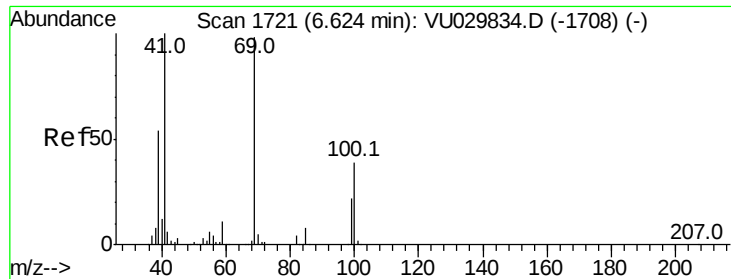
Delta R.T. -0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Tgt Ion:	75	Resp:	12597
Ion	Ratio	Lower	Upper
75	100		
53	79.4	59.2	88.8
89	53.0	44.9	67.3
88	40.8	32.2	48.2





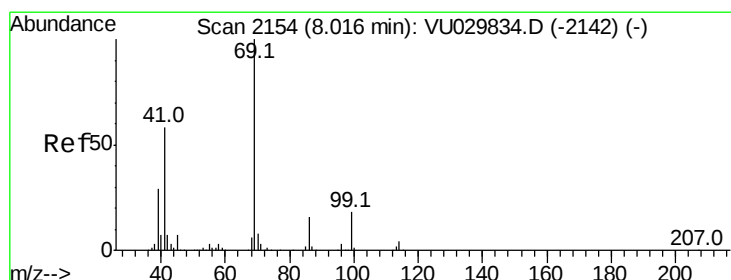
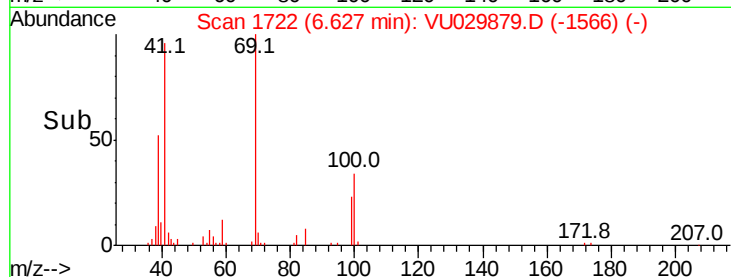
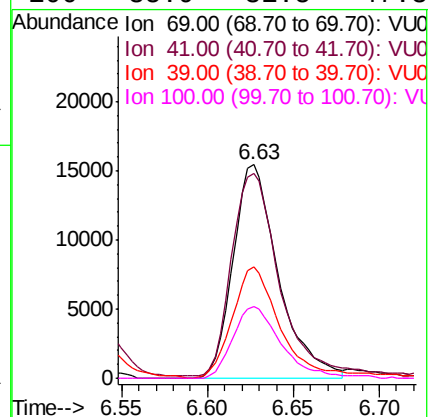
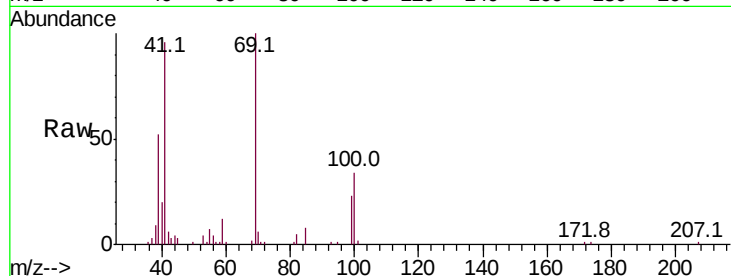
#47
Methvl methacrylate
Concen: 3.667 ug/l
RT: 6.63 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBS01

Tot Ion	Ion	Ratio	Lower	Upper
69	100			
41	100.5	0.0	201.0	
39	54.5	43.3	64.9	
100	35.9	31.5	47.3	

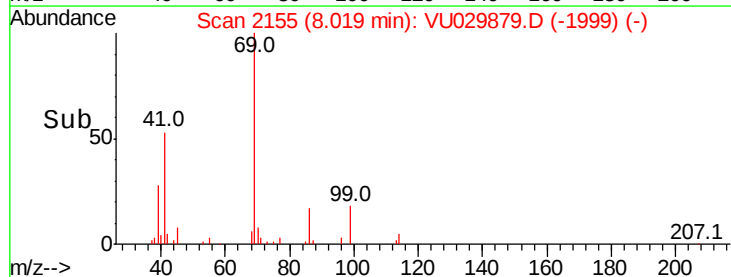
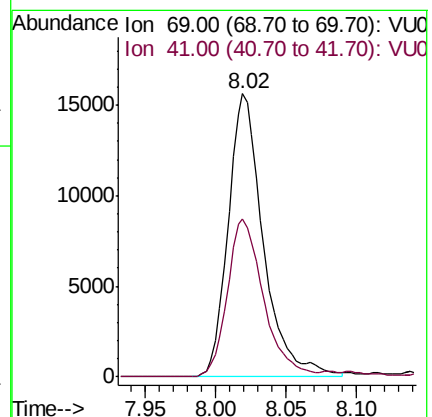
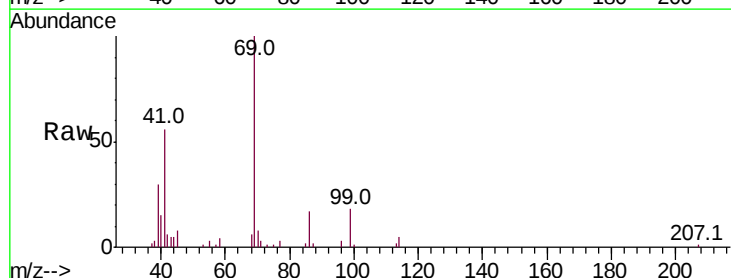
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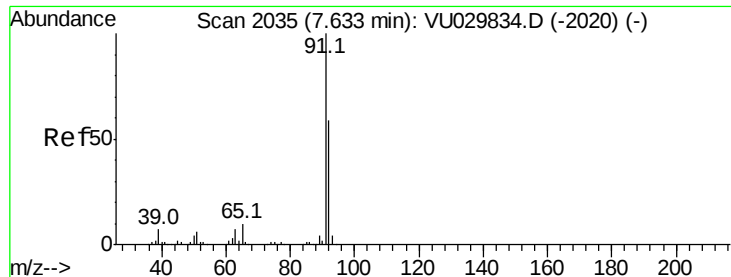
MMDadoda
3/11/2019 6:55:49 PM



#48
Ethyl methacrylate
Concen: 1.841 ug/l
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

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





#49

Toluene

Concen: 1.892 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

VU0310WBS01

Tot Ion: 92 Resp: 79616

Ion Ratio Lower Upper

92 100

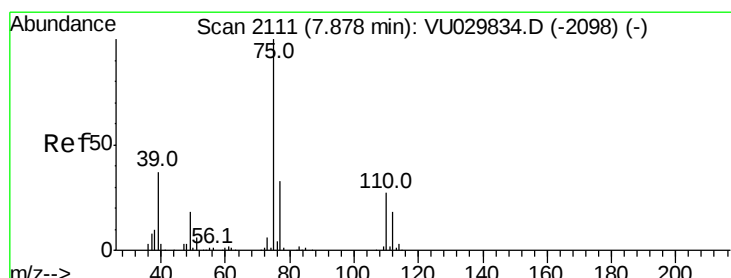
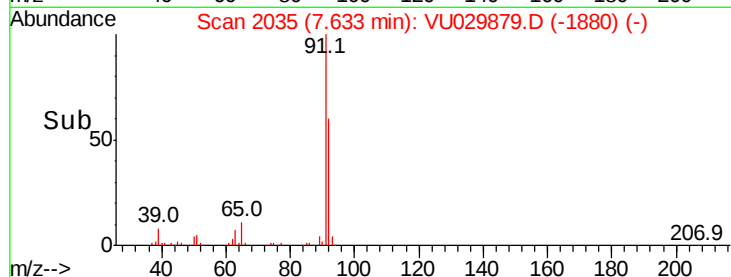
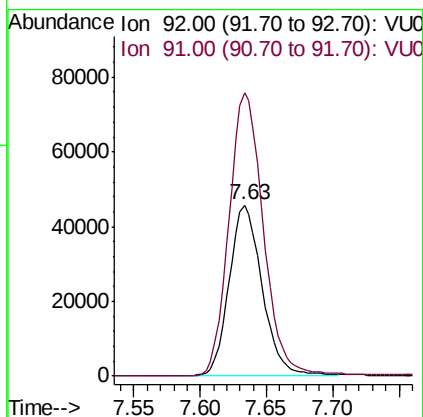
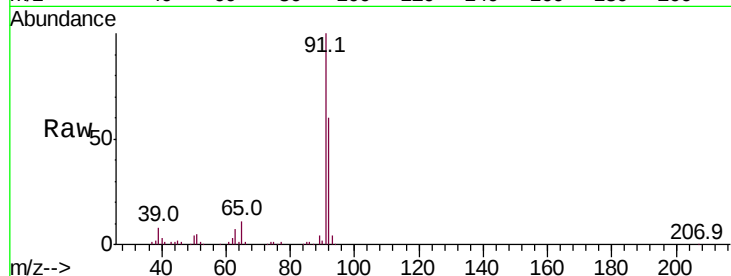
91 172.3 137.8 206.8

Manual Integrations

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#50

t-1,3-Dichloropropene

Concen: 1.797 ug/l

RT: 7.88 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VU029879.D

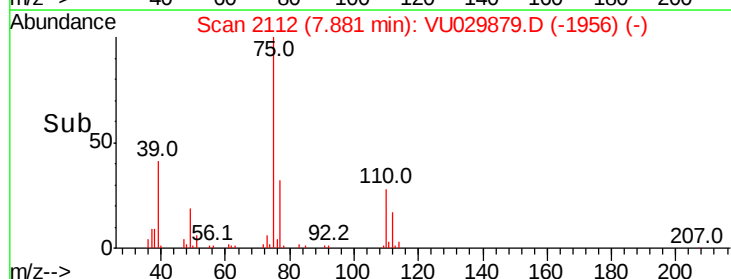
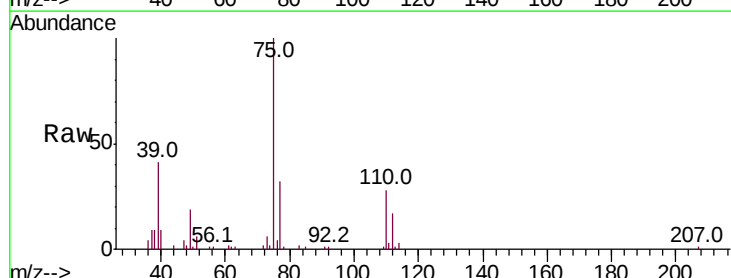
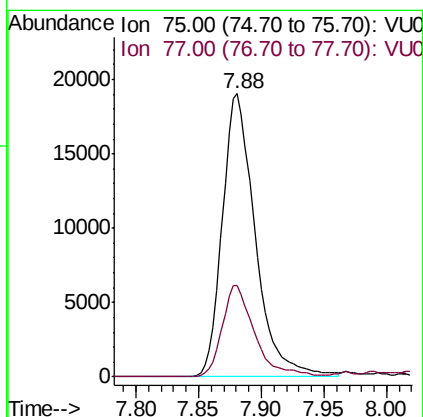
Acq: 08 Mar 2019 11:04

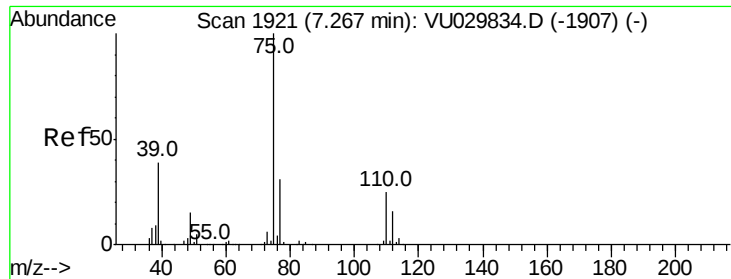
Tgt Ion: 75 Resp: 34767

Ion Ratio Lower Upper

75 100

77 32.4 26.4 39.6





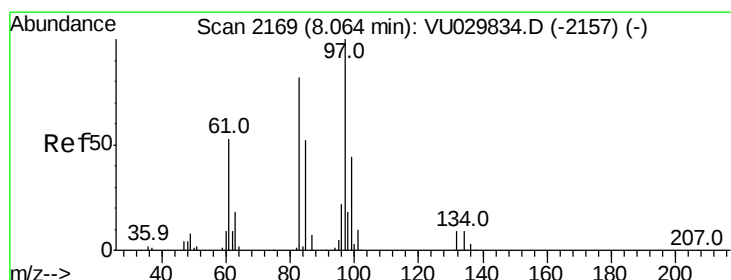
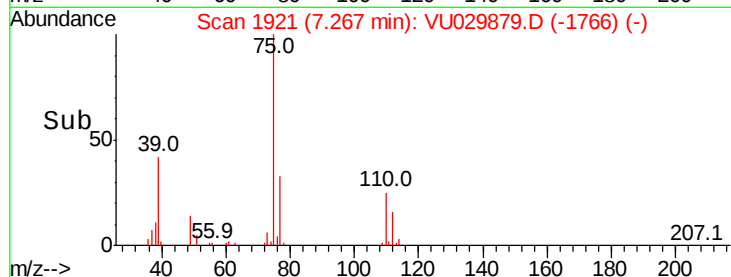
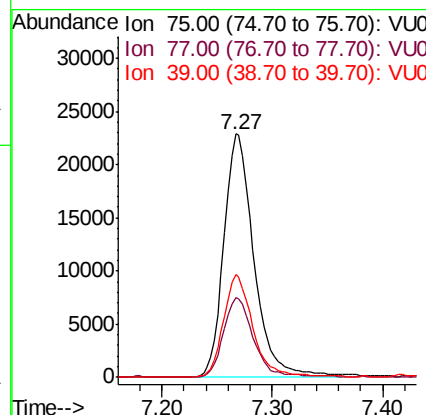
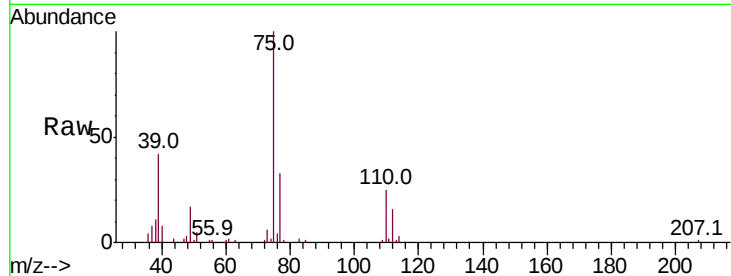
#51
 cis-1,3-Dichloropropene
 Concen: 1.815 ug/l
 RT: 7.27 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: VU029879.D
 Acq: 08 Mar 2019 11:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.7	24.9	37.3
39	42.2	30.8	46.2

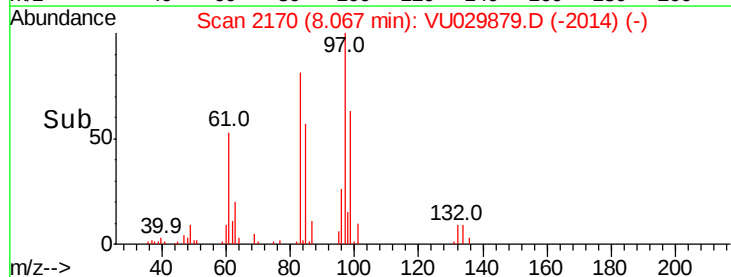
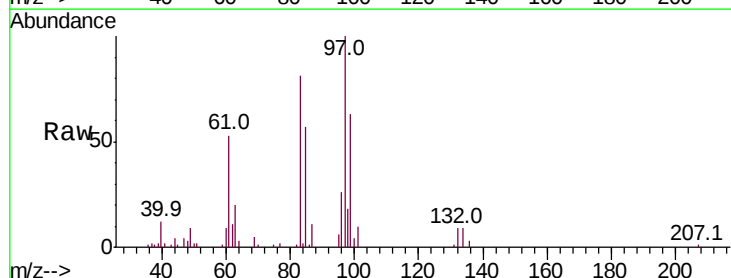
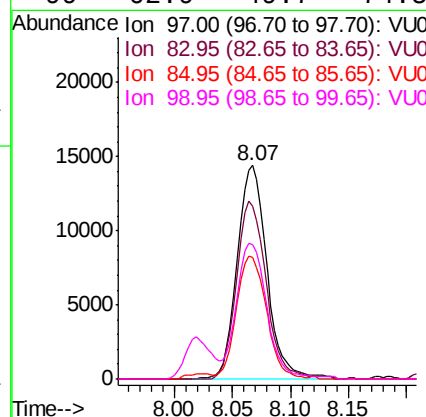
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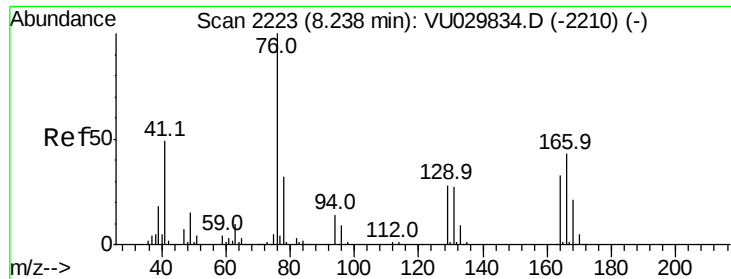
MMDadoda
 3/11/2019 6:55:49 PM



#52
 1,1,2-Trichloroethane
 Concen: 1.924 ug/l
 RT: 8.07 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VU029879.D
 Acq: 08 Mar 2019 11:04

Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.9	65.9	98.9
85	56.7	43.0	64.6
99	62.9	49.7	74.5





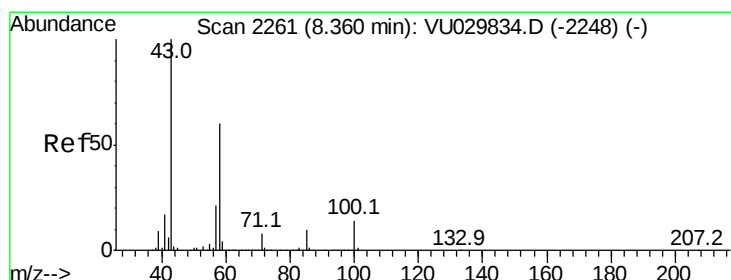
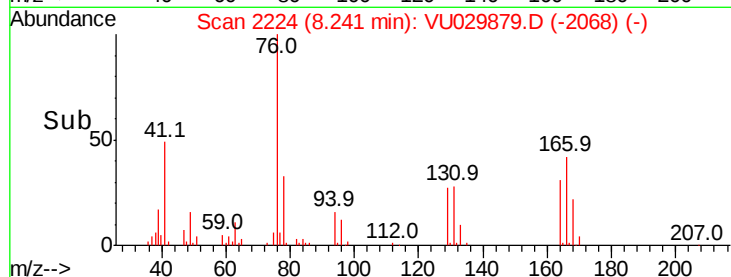
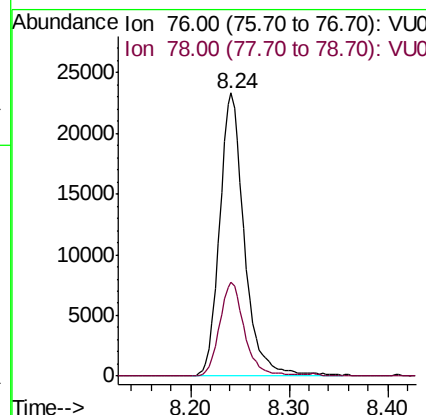
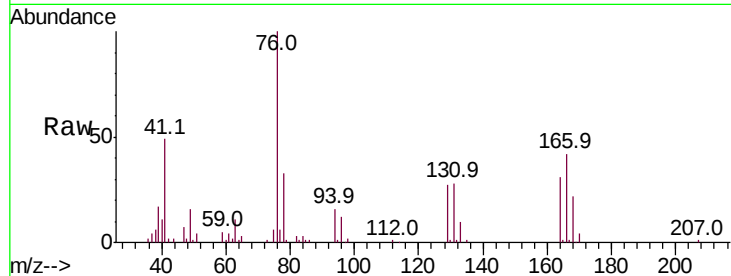
#53
 1,3-Dichloropropane
 Concen: 1.884 ug/l
 RT: 8.24 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VU029879.D
 Acq: 08 Mar 2019 11:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.7	38.5

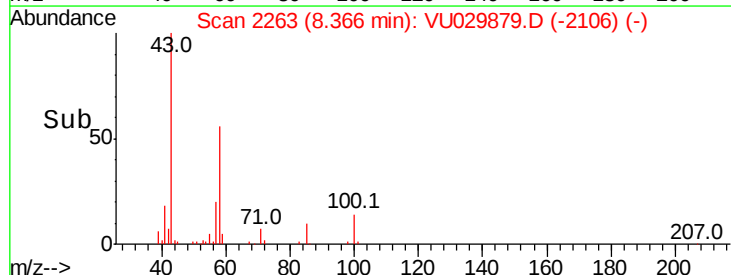
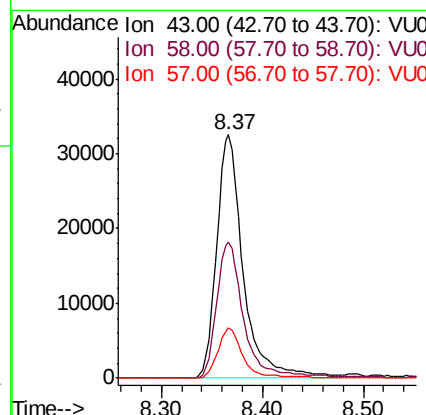
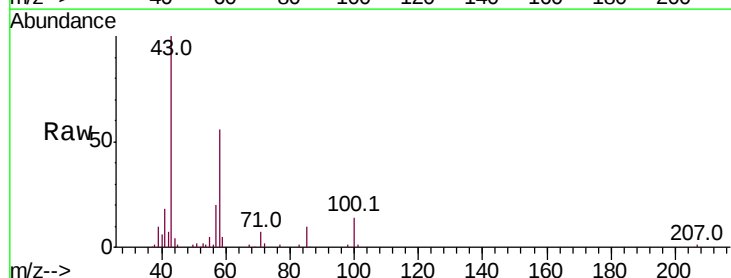
Manual Integrations
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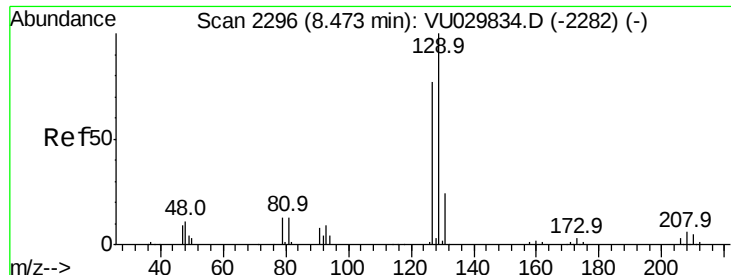
MMDadoda
 3/11/2019 6:55:49 PM



#54
 2-Hexanone
 Concen: 9.154 ug/l
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.01 min
 Lab File: VU029879.D
 Acq: 08 Mar 2019 11:04

Tgt Ion	Ratio	Lower	Upper
43	100		
58	56.1	39.6	79.6
57	19.2	0.5	40.5





#55

Dibromochloromethane

Concen: 1.854 ug/l

RT: 8.48 min Scan# 2297

Delta R.T. 0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

VU0310WBS01

Tot Ion:129 Resp: 29278

Ion Ratio Lower Upper

129 100

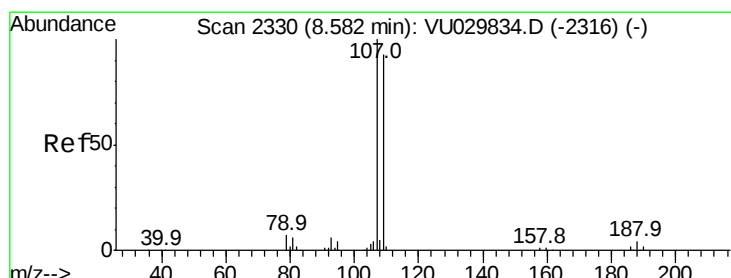
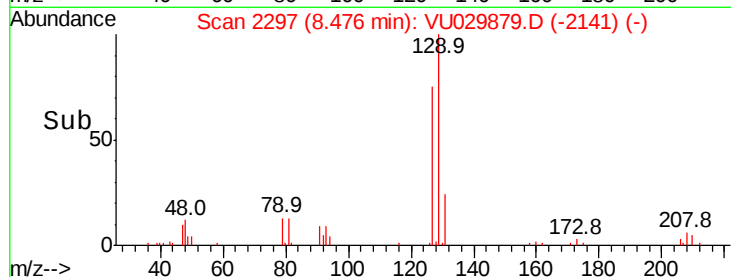
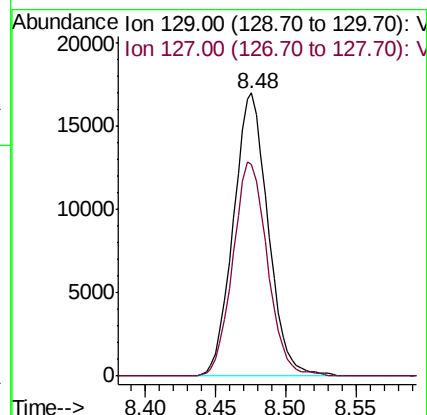
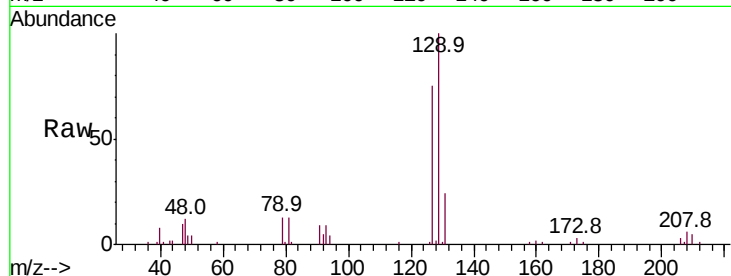
127 75.2 61.6 92.4

Manual Integrations

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3/11/2019 6:55:49 PM



#56

1,2-Dibromoethane

Concen: 1.798 ug/l

RT: 8.58 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VU029879.D

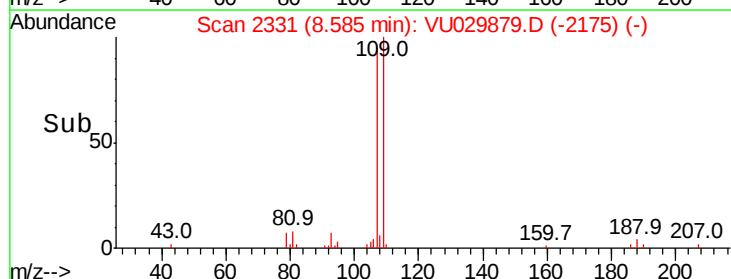
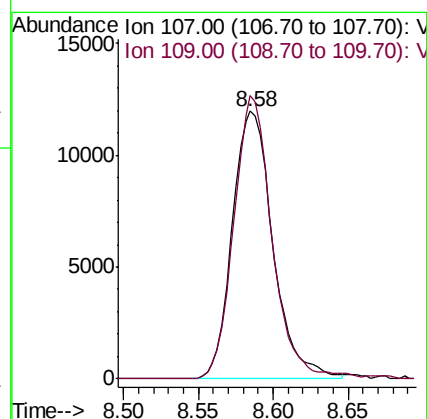
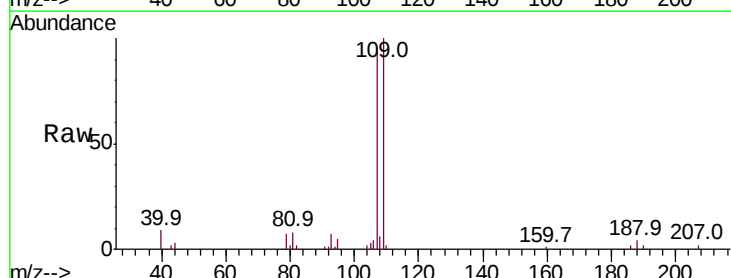
Acq: 08 Mar 2019 11:04

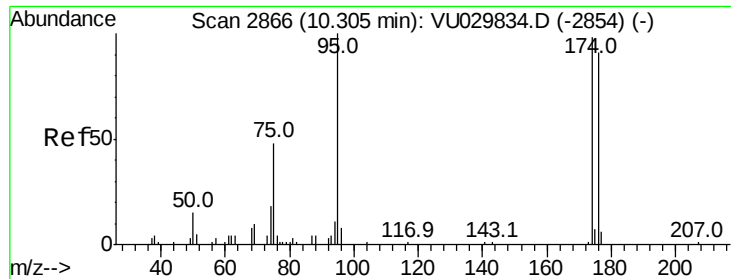
Tgt Ion:107 Resp: 22675

Ion Ratio Lower Upper

107 100

109 99.8 0.0 188.4





#57

4-Bromofluorobenzene

Concen: 1.798 ug/l

RT: 10.31 min Scan# 2867

Delta R.T. 0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

VU0310WBS01

Tot Ion: 95 Resp: 21473

Ion Ratio Lower Upper

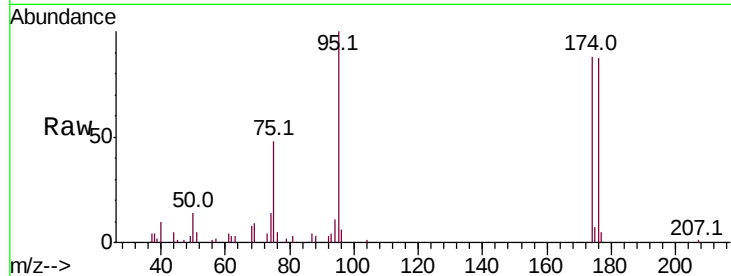
95 100

174 90.5 76.5 114.7

176 88.1 74.2 111.2

Manual Integrations
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MMDadoda
3/11/2019 6:55:49 PM

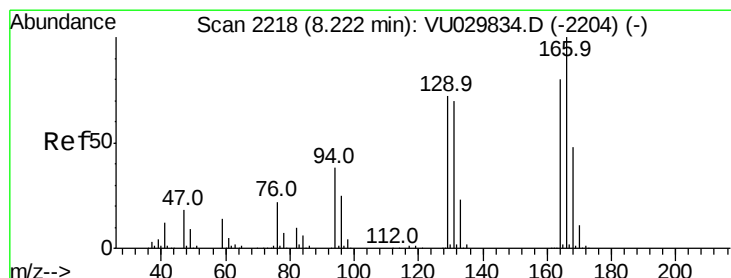
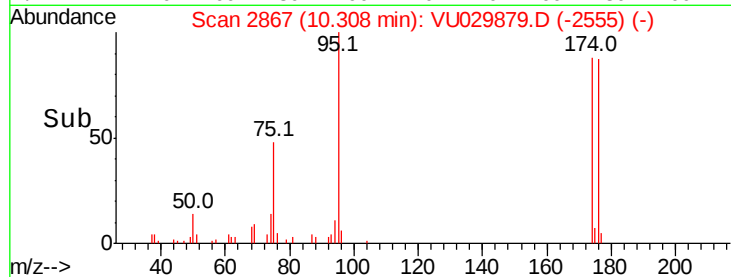
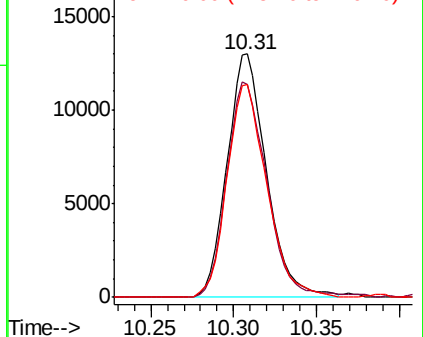


Abundance

Ion 95.00 (94.70 to 95.70): VU0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#58

Tetrachloroethene

Concen: 2.018 ug/l

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Tgt Ion: 164 Resp: 41238

Ion Ratio Lower Upper

164 100

166 128.7 100.5 150.7

129 89.6 72.3 108.5

131 89.4 70.0 105.0

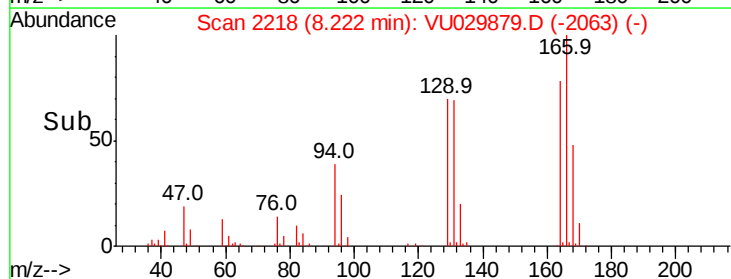
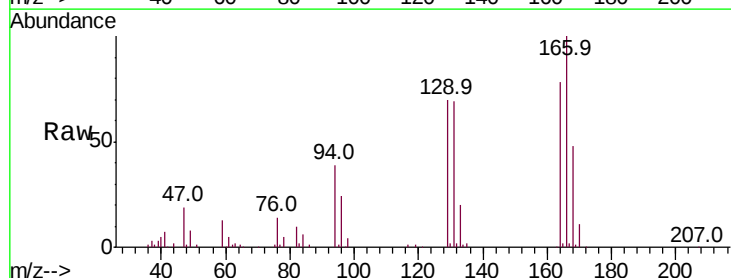
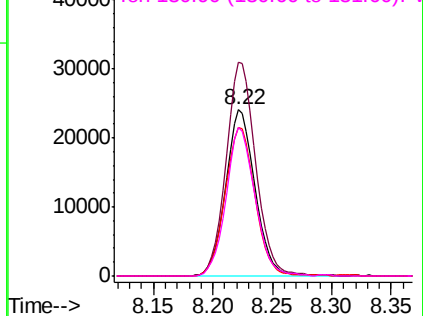
Abundance

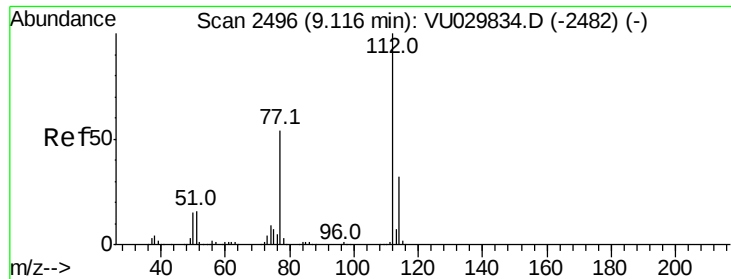
Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V





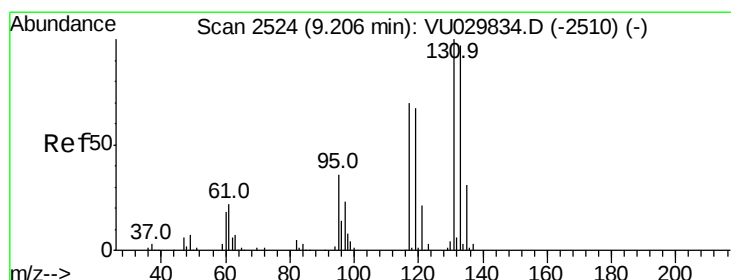
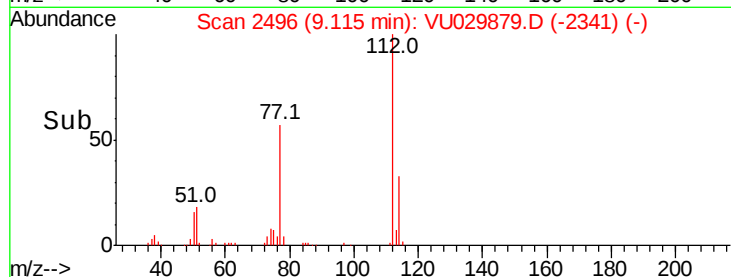
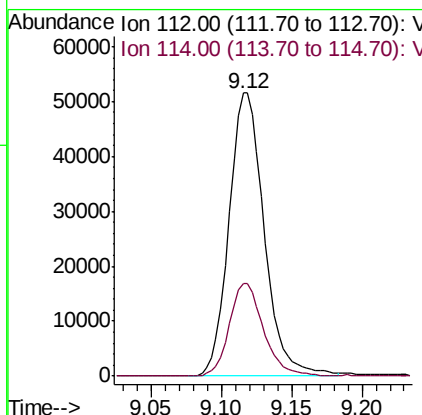
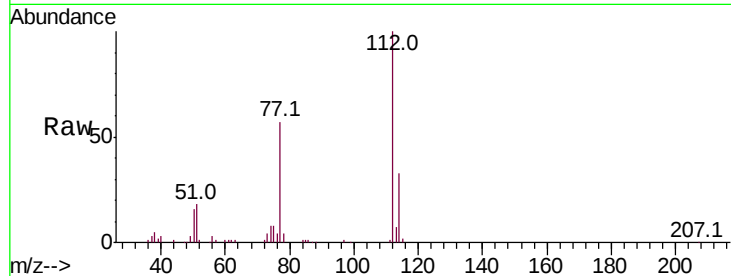
#59
Chlorobenzene
Concen: 1.863 ug/l
RT: 9.12 min Scan# 2496
Delta R.T. -0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBS01

Tot Ion:112 Resp: 90094
Ion Ratio Lower Upper
112 100
114 33.0 25.4 38.2

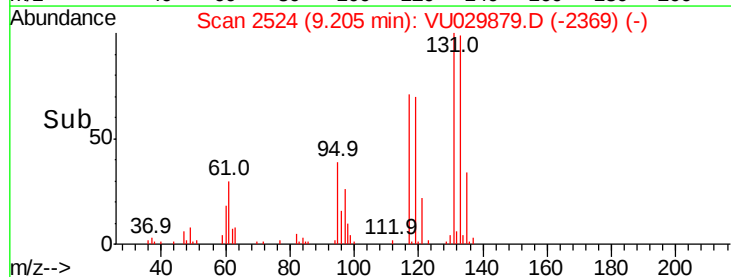
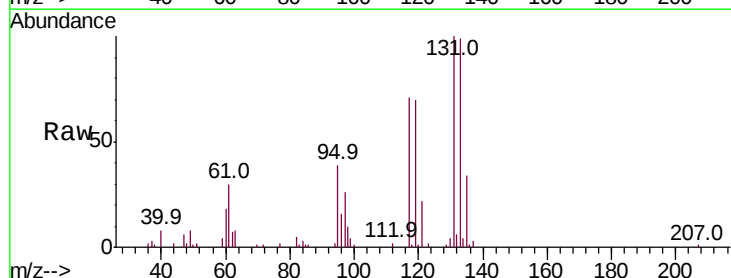
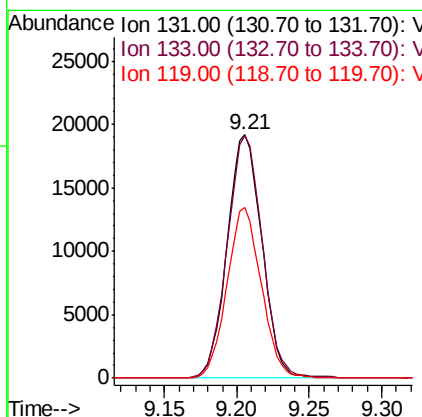
Manual Integrations
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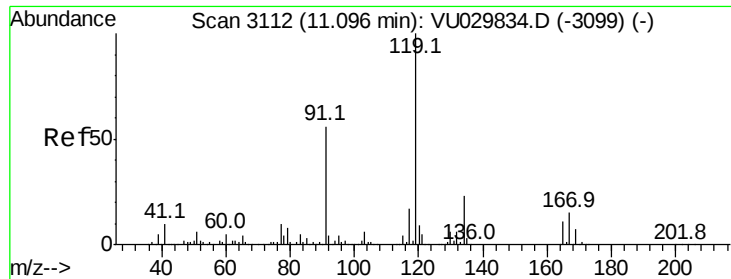
MMDadoda
3/11/2019 6:55:49 PM



#60
1,1,1,2-Tetrachloroethane
Concen: 1.840 ug/l
RT: 9.21 min Scan# 2524
Delta R.T. -0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

Tgt Ion:131 Resp: 31908
Ion Ratio Lower Upper
131 100
133 99.8 76.4 114.6
119 69.2 54.2 81.4





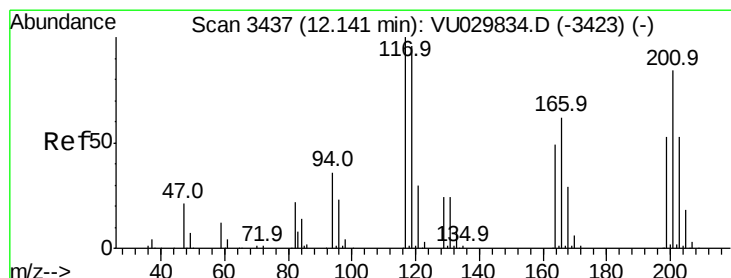
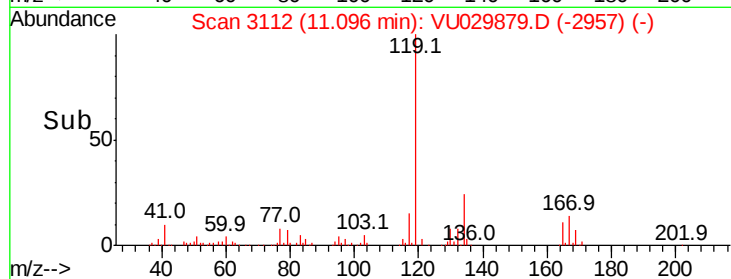
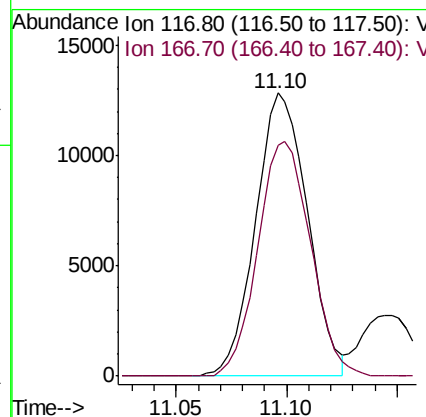
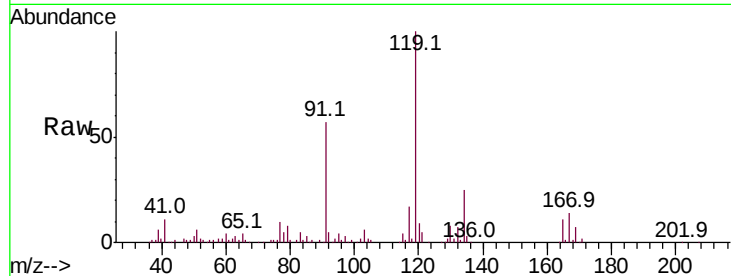
#61
 Pentachloroethane
 Concen: 1.734 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. -0.00 min
 Lab File: VU029879.D
 Acq: 08 Mar 2019 11:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBS01

Tot Ion:117 Resp: 20940
 Ion Ratio Lower Upper
 117 100
 167 84.0 71.4 107.2

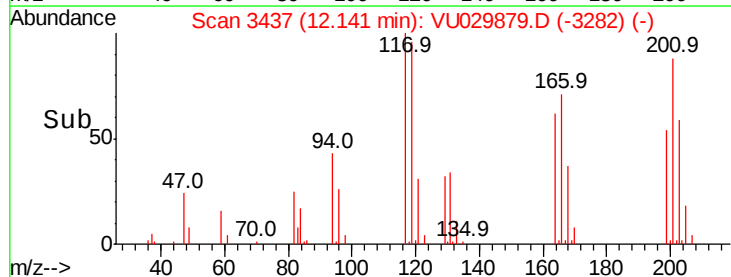
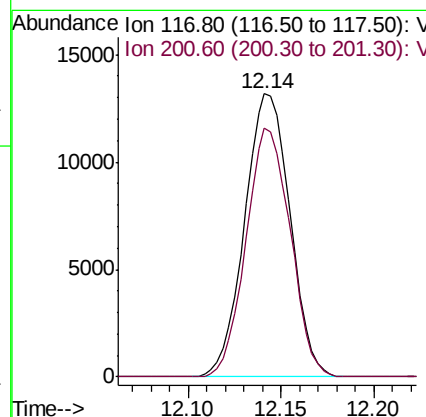
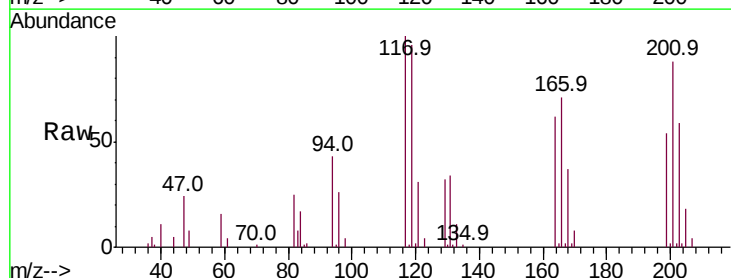
Manual Integrations
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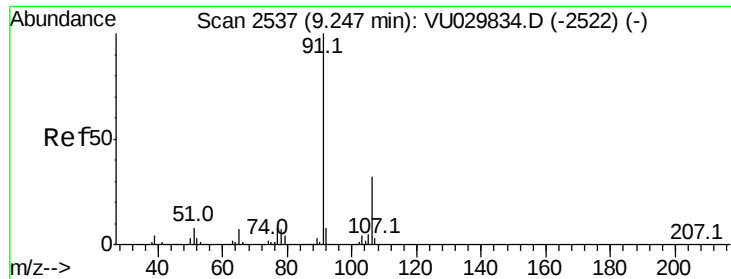
MMDadoda
 3/11/2019 6:55:49 PM



#62
 Hexachloroethane
 Concen: 1.767 ug/l
 RT: 12.14 min Scan# 3437
 Delta R.T. -0.00 min
 Lab File: VU029879.D
 Acq: 08 Mar 2019 11:04

Tgt Ion:117 Resp: 22445
 Ion Ratio Lower Upper
 117 100
 201 85.4 68.2 102.2





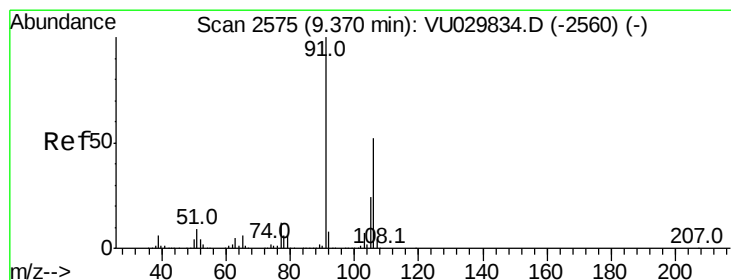
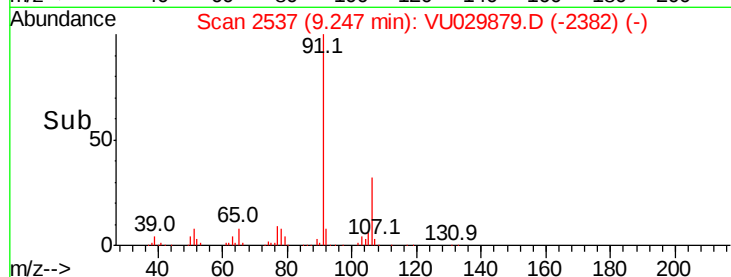
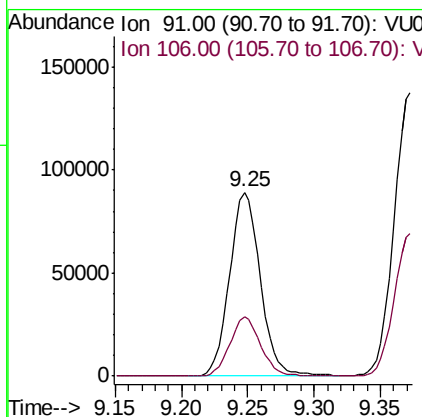
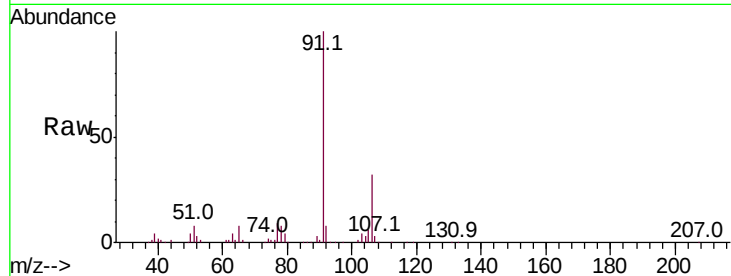
#63
Ethyl Benzene
Concen: 1.820 ug/l
RT: 9.25 min Scan# 2537
Delta R.T. -0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBS01

Tot Ion	91	Resp	144159
Ion Ratio	100	Lower	Upper
106	32.4	25.7	38.5

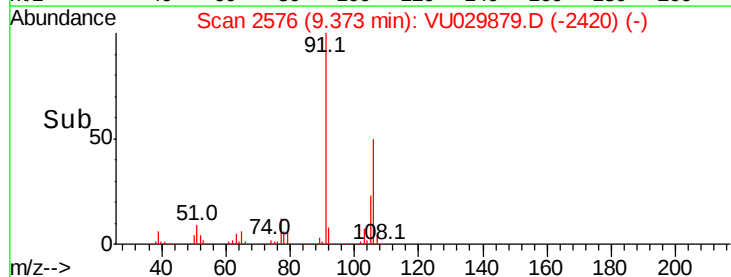
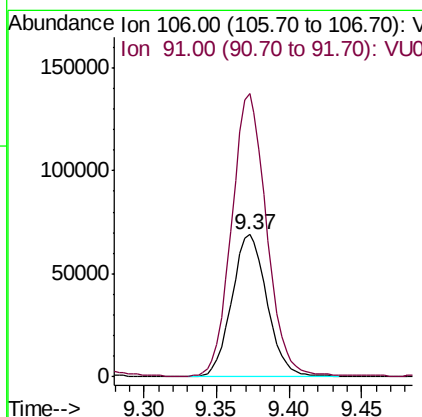
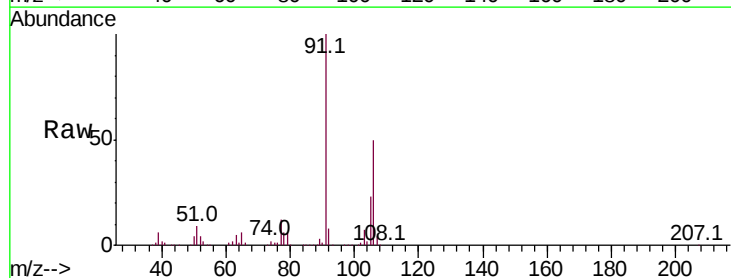
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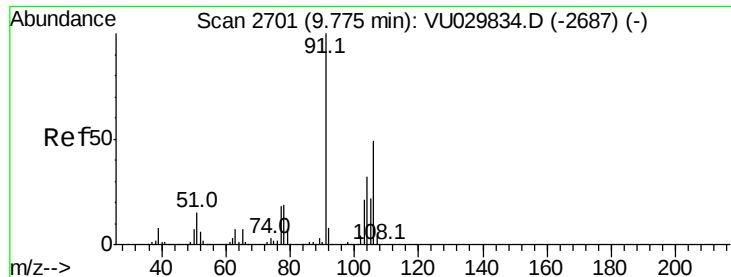
MMDadoda
3/11/2019 6:55:49 PM



#64
m/p-Xylenes
Concen: 3.696 ug/l
RT: 9.37 min Scan# 2576
Delta R.T. 0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

Tgt Ion	106	Resp	115734
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
91	196.1	155.3	232.9





#65

o-Xylene

Concen: 1.847 ug/l

RT: 9.78 min Scan# 2702

Delta R.T. 0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

VU0310WBS01

Tot Ion:106 Resp: 55539

Ion Ratio Lower Upper

106 100

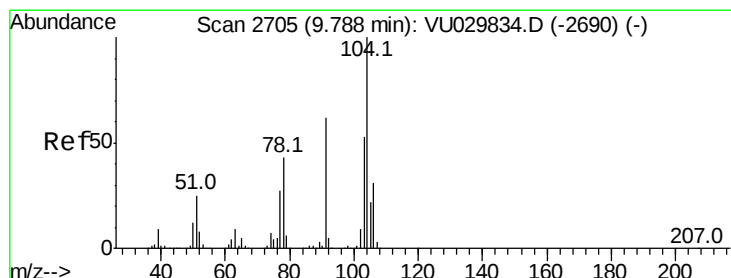
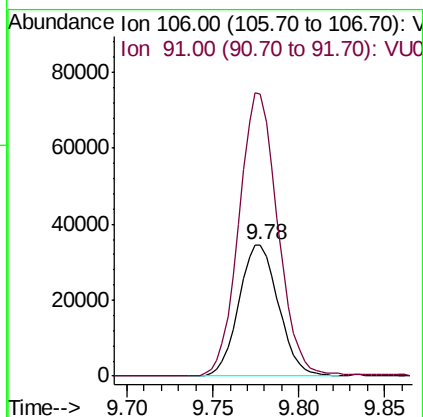
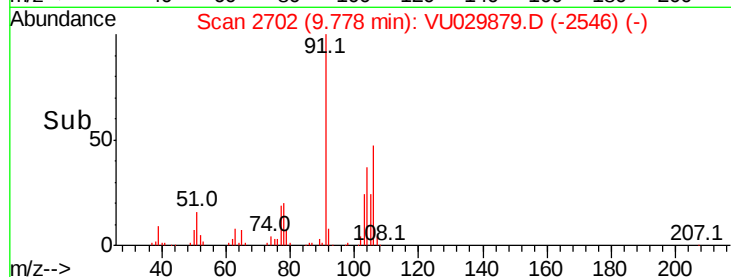
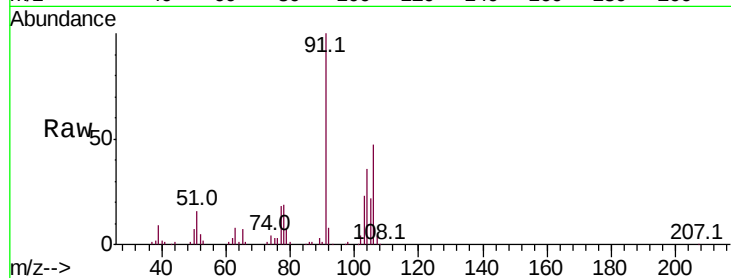
91 213.7 102.8 308.3

Manual Integrations

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#66

Styrene

Concen: 1.884 ug/l

RT: 9.79 min Scan# 2706

Delta R.T. 0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

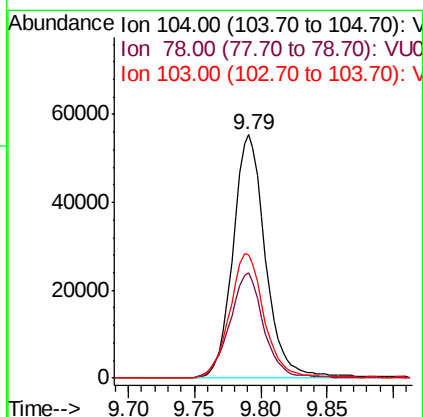
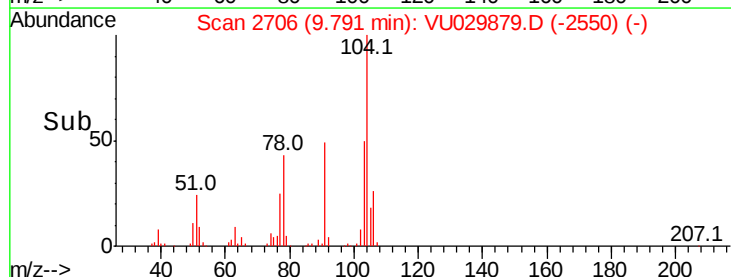
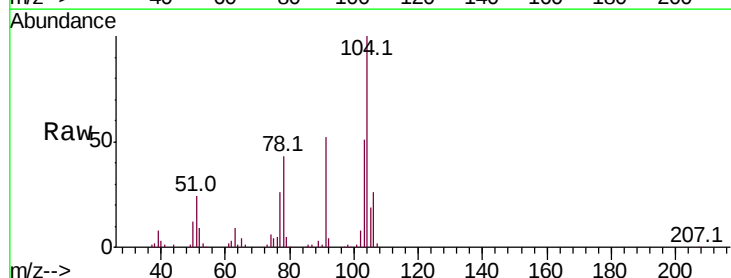
Tgt Ion:104 Resp: 94133

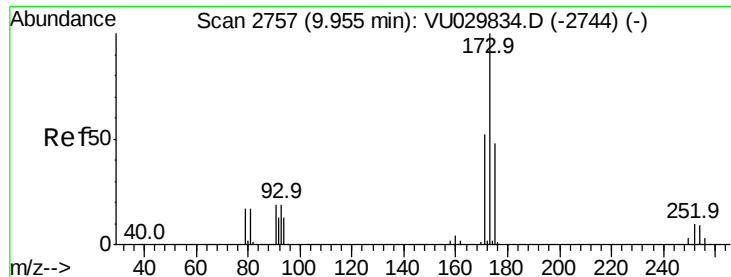
Ion Ratio Lower Upper

104 100

78 45.7 37.2 55.8

103 54.8 44.7 67.1





#67

Bromoform

Concen: 1.800 ug/l

RT: 9.95 min Scan# 2757

Delta R.T. -0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Instrument :

MSVOA_U

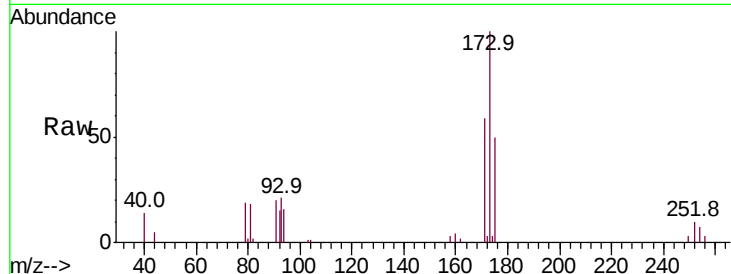
ClientSampleId :

VU0310WBS01

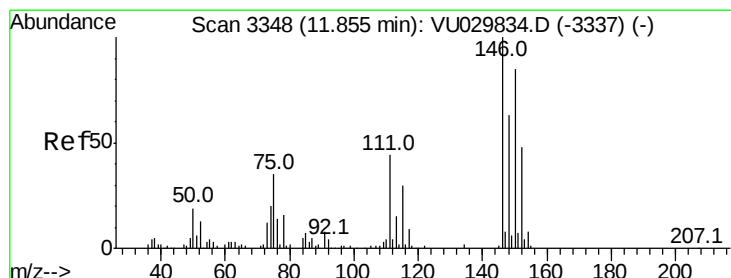
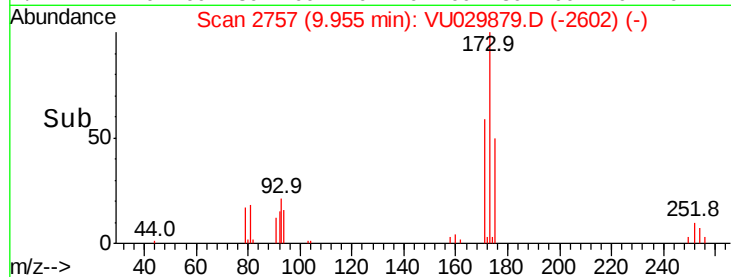
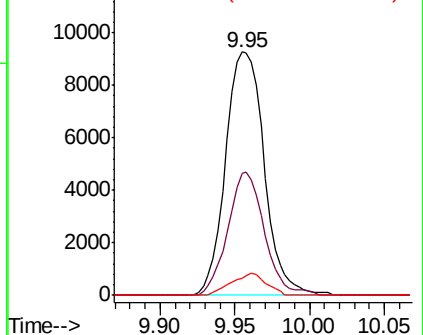
Tot Ion:	173	Resp:	16690
Ion Ratio	Lower	Upper	
173	100		
175	47.8	38.6	57.8
254	8.2	7.4	11.2

Manual Integrations
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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: 1.800 ug/l

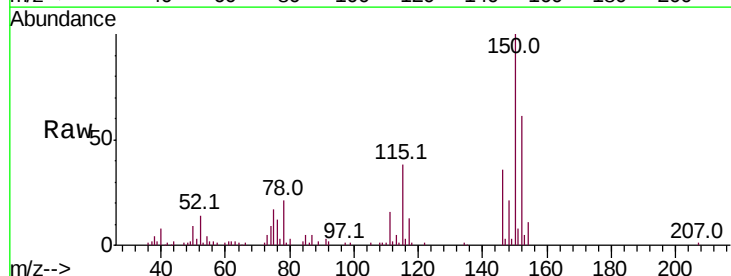
RT: 11.86 min Scan# 3349

Delta R.T. 0.00 min

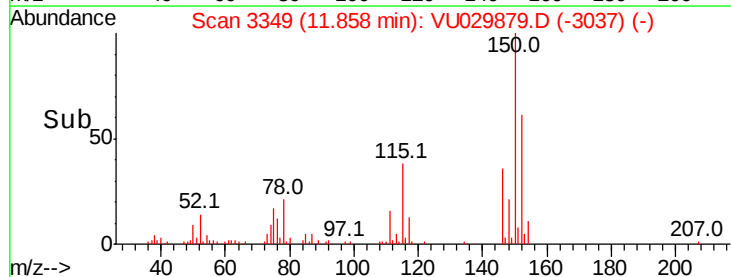
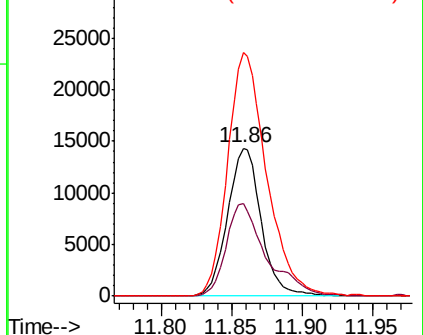
Lab File: VU029879.D

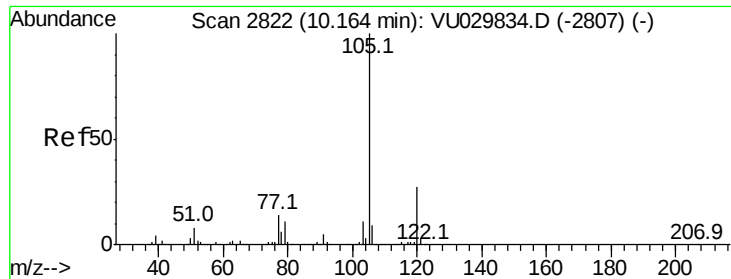
Acq: 08 Mar 2019 11:04

Tgt Ion:	152	Resp:	23798
Ion Ratio	Lower	Upper	
152	100		
115	74.2	0.0	124.0
150	191.6	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





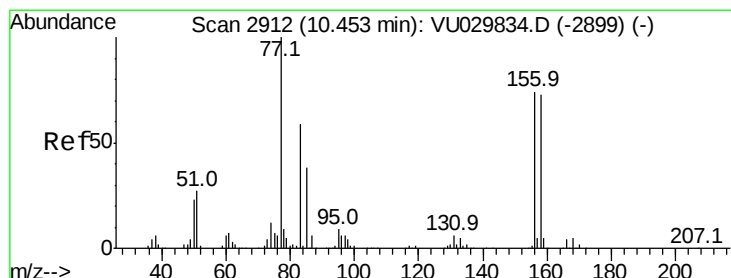
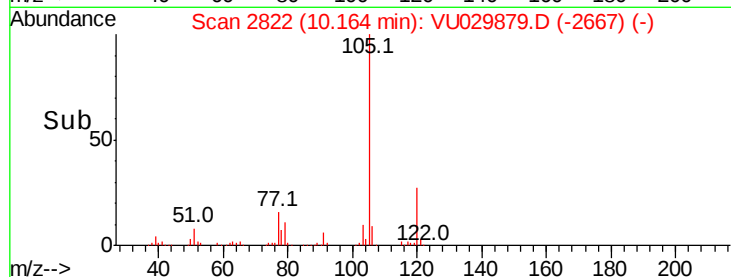
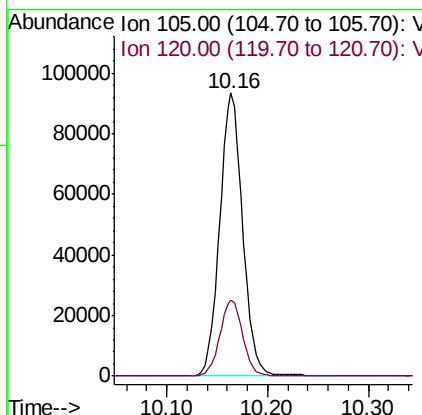
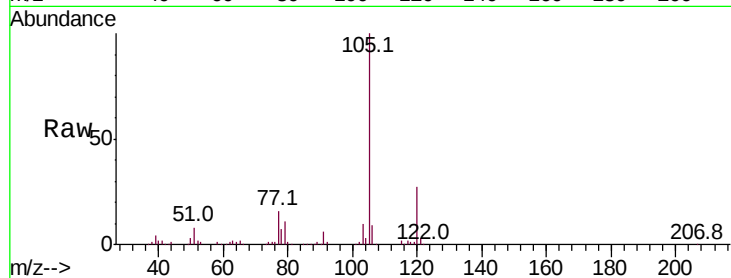
#69
Isopropylbenzene
Concen: 1.862 ug/l
RT: 10.16 min Scan# 2822
Delta R.T. -0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

Instrument :
MSVOA_U
ClientSampled :
VU0310WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.5	40.5

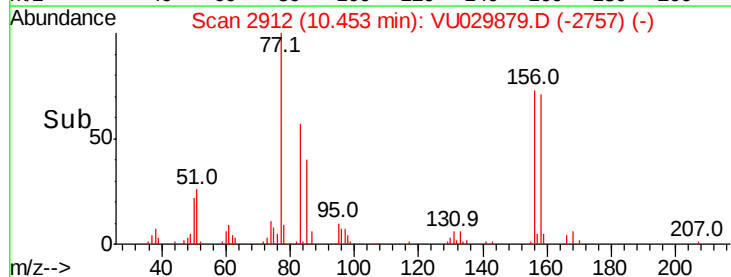
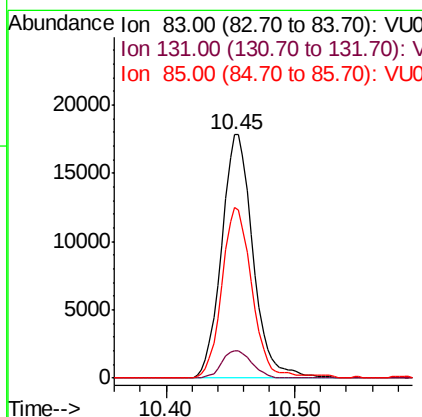
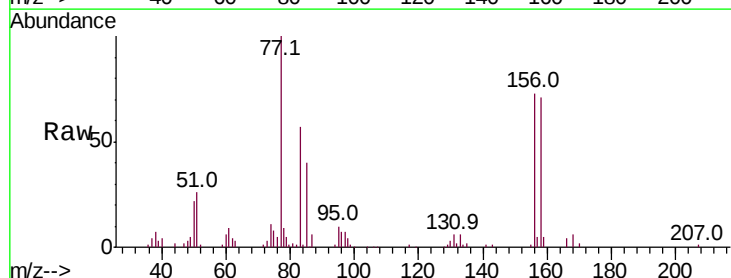
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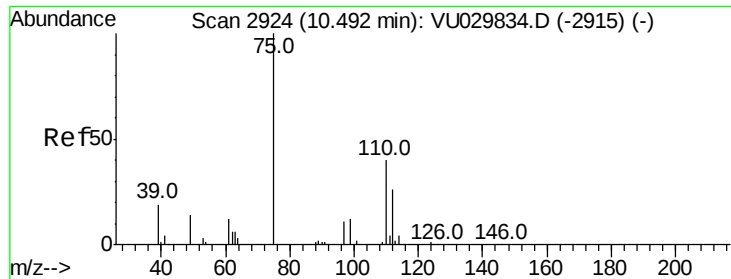
MMDadoda
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#70
1,1,2,2-Tetrachloroethane
Concen: 1.861 ug/l
RT: 10.45 min Scan# 2912
Delta R.T. -0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.7	8.3	12.5
85	67.1	52.5	78.7





#71

1,2,3-Trichloropropane

Concen: 1.873 ug/l m

RT: 10.49 min Scan# 2924

Delta R.T. -0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Instrument :

MSVOA_U

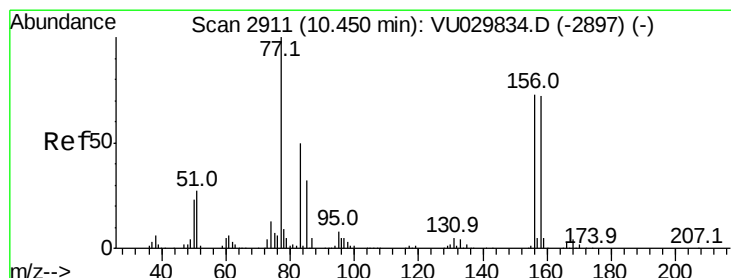
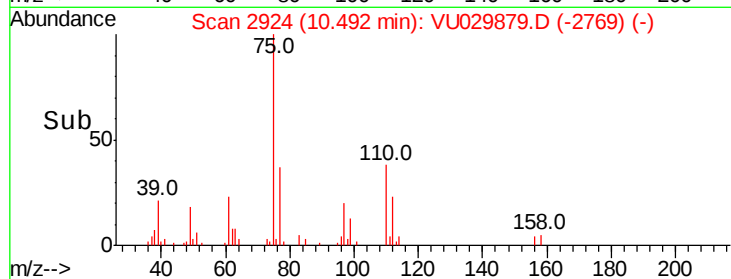
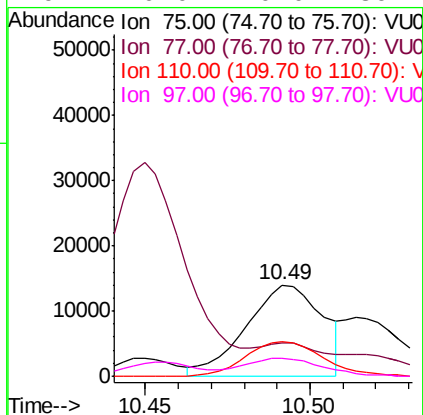
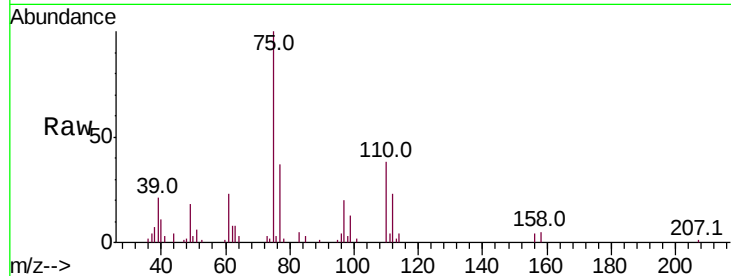
ClientSampleId :

VU0310WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	16.4
110	38.6	0.0	74.8
97	20.0	0.0	39.4

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#72

Bromobenzene

Concen: 1.875 ug/l

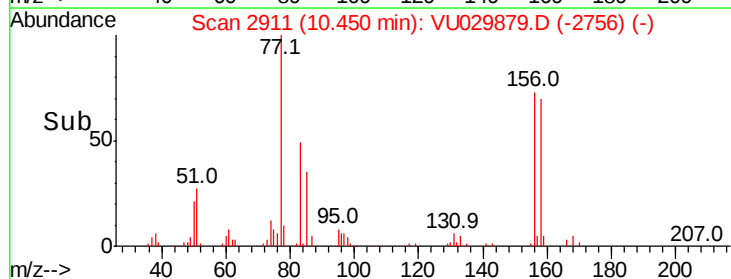
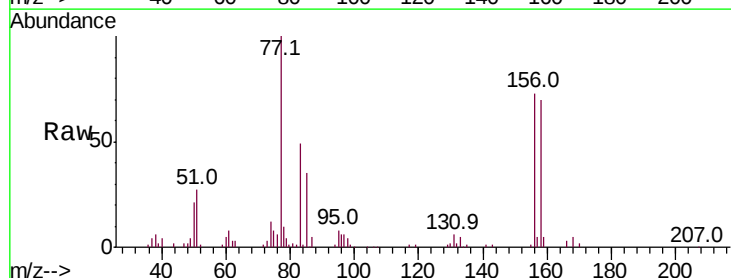
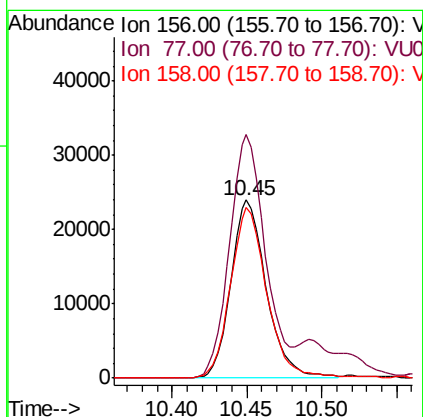
RT: 10.45 min Scan# 2911

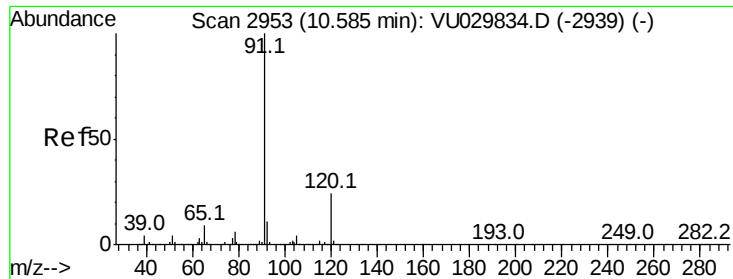
Delta R.T. -0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Tgt Ion	Ratio	Lower	Upper
156	100		
77	139.3	0.0	282.2
158	98.3	0.0	196.2





#73

n-propylbenzene

Concen: 1.848 ug/l

RT: 10.58 min Scan# 2953

Delta R.T. -0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

VU0310WBS01

Tot Ion:120 Resp: 41418

Ion Ratio Lower Upper

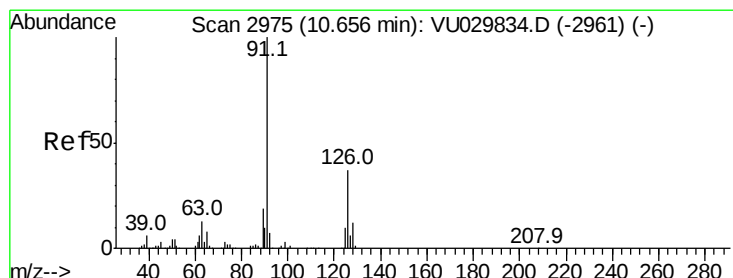
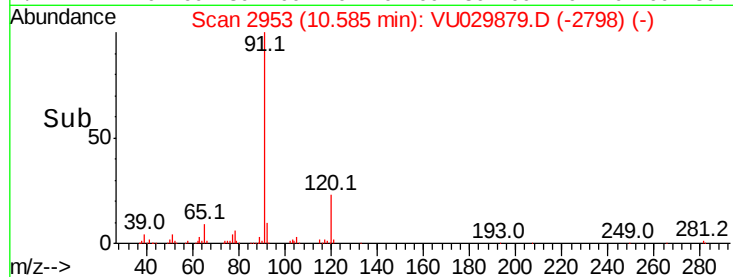
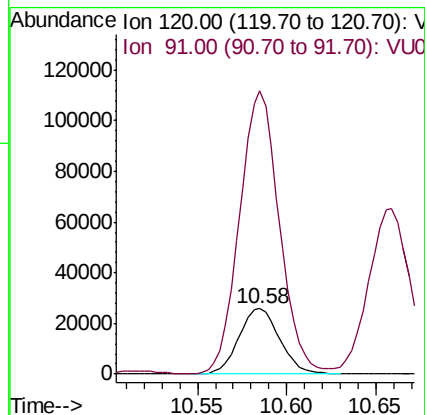
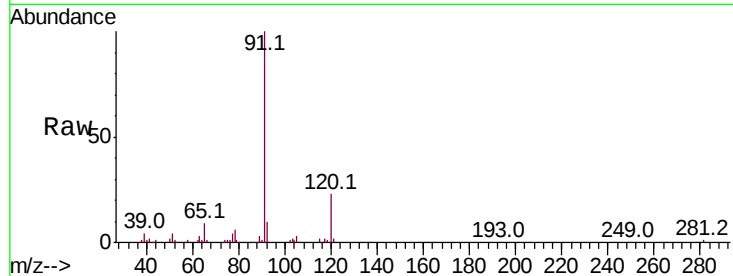
120 100

91 419.7 333.4 500.2

Manual Integrations
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#74

2-Chlorotoluene

Concen: 1.865 ug/l

RT: 10.66 min Scan# 2976

Delta R.T. 0.00 min

Lab File: VU029879.D

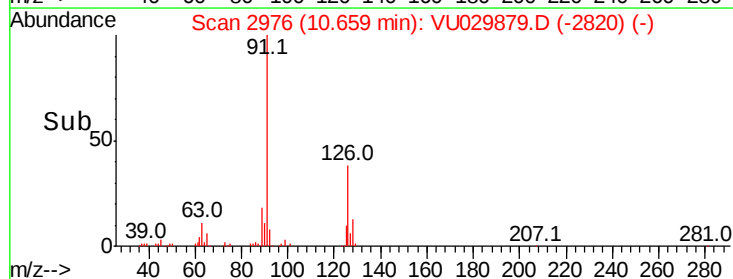
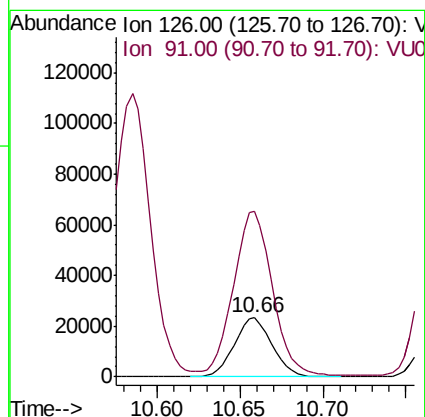
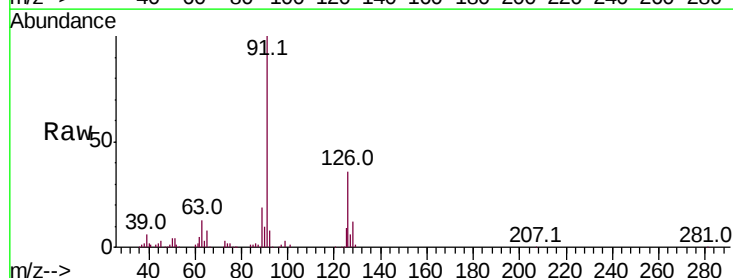
Acq: 08 Mar 2019 11:04

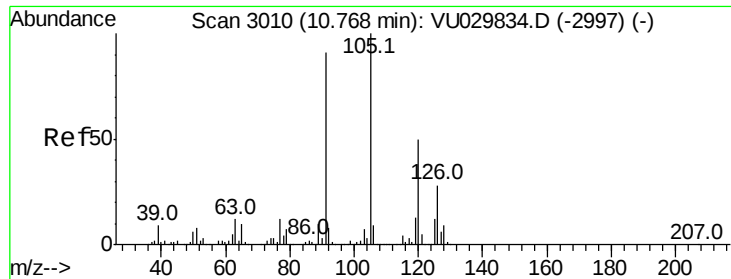
Tgt Ion:126 Resp: 37086

Ion Ratio Lower Upper

126 100

91 287.3 0.0 569.0





#75

1,3,5-Trimethylbenzene

Concen: 1.875 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. -0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

VU0310WBS01

Tot Ion:105 Resp: 125958

Ion Ratio Lower Upper

105 100

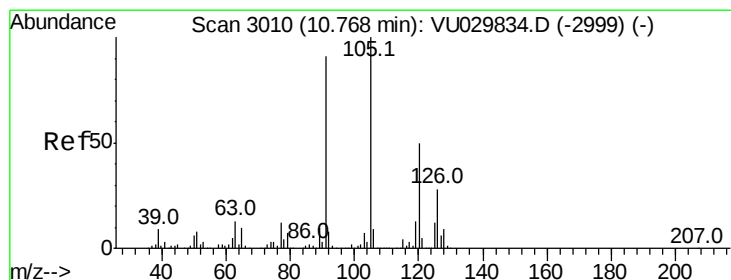
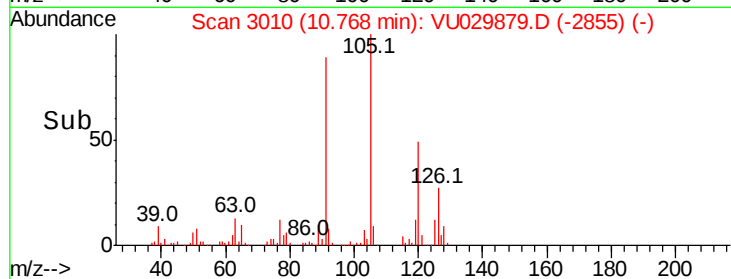
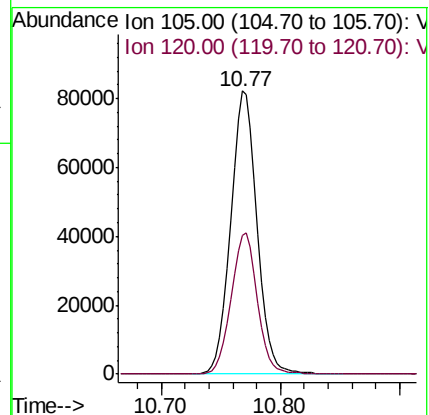
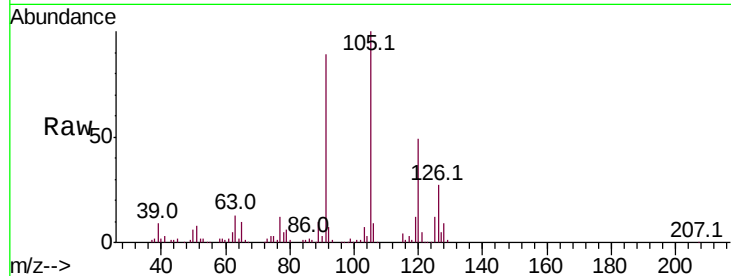
120 49.4 40.0 60.0

Manual Integrations

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#76

4-Chlorotoluene

Concen: 1.830 ug/l

RT: 10.77 min Scan# 3011

Delta R.T. 0.00 min

Lab File: VU029879.D

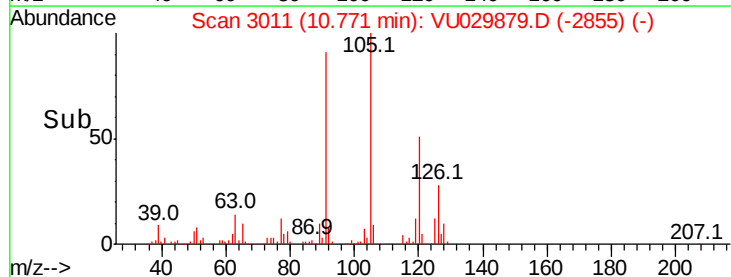
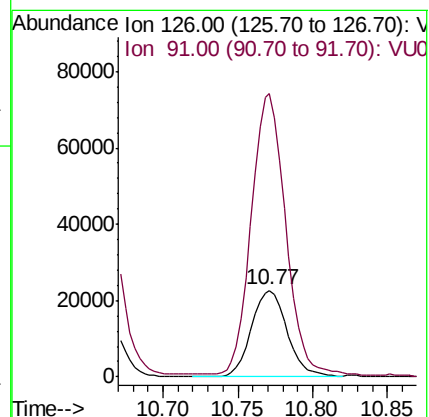
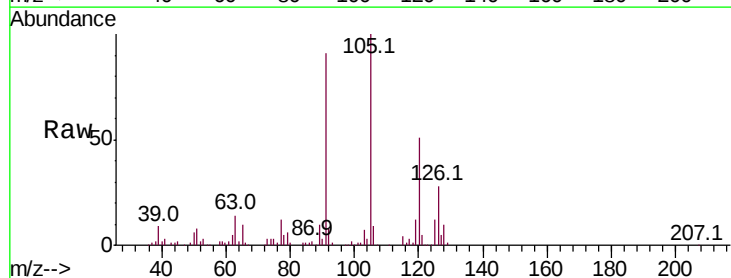
Acq: 08 Mar 2019 11:04

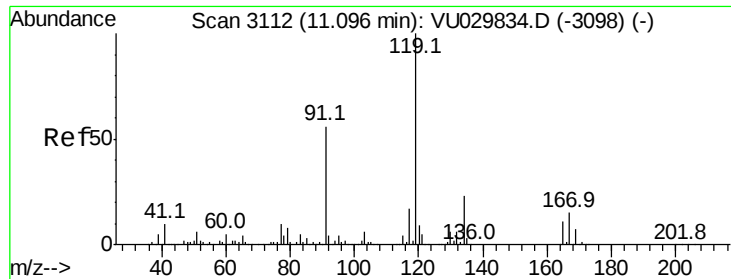
Tgt Ion:126 Resp: 37110

Ion Ratio Lower Upper

126 100

91 317.9 0.0 634.8





#77

tert-Butylbenzene

Concen: 1.832 ug/l

RT: 11.10 min Scan# 3112

Delta R.T. -0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Instrument :

MSVOA_U

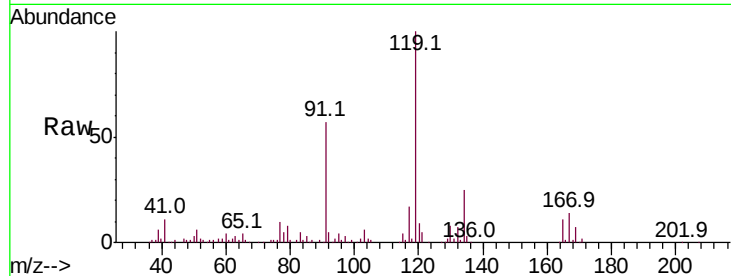
ClientSampleId :

VU0310WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.2	27.7	83.1
134	25.2	18.7	28.1

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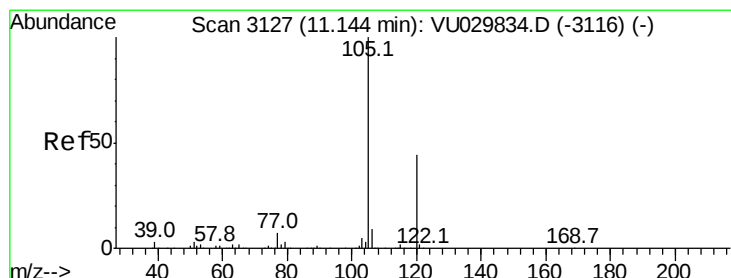
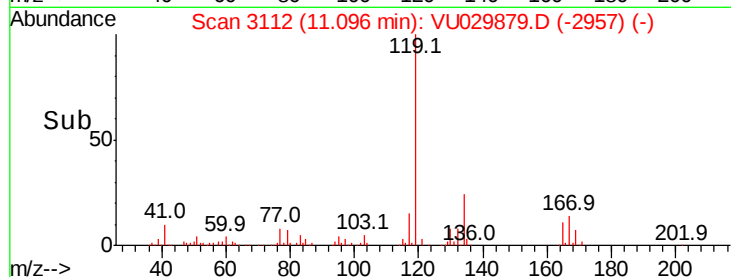
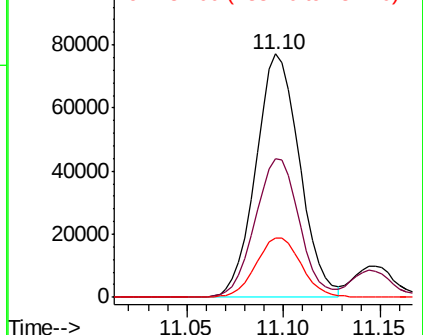


Abundance

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: 1.860 ug/l

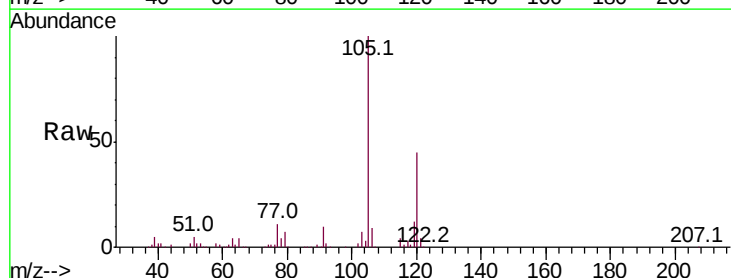
RT: 11.15 min Scan# 3128

Delta R.T. 0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

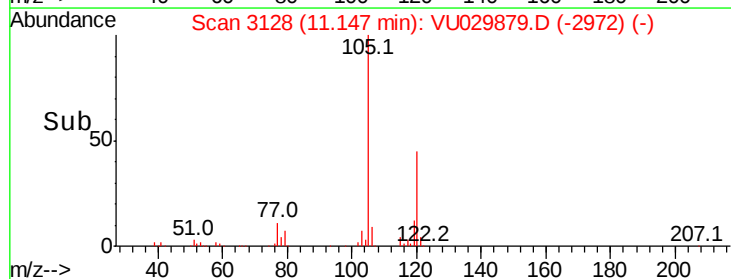
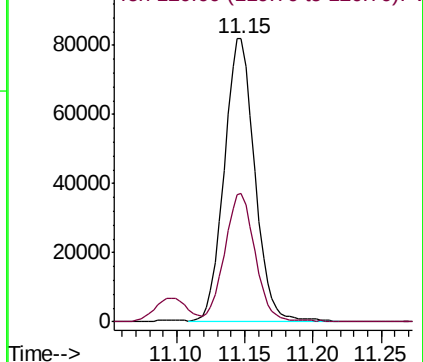
Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.5	70.5

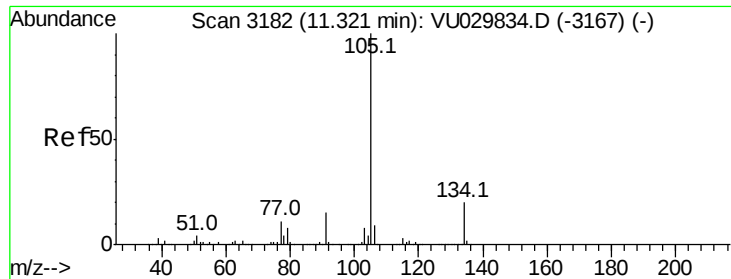


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 1.875 ug/l

RT: 11.32 min Scan# 3182

Delta R.T. -0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

VU0310WBS01

Tot Ion:105 Resp: 165202

Ion Ratio Lower Upper

105 100

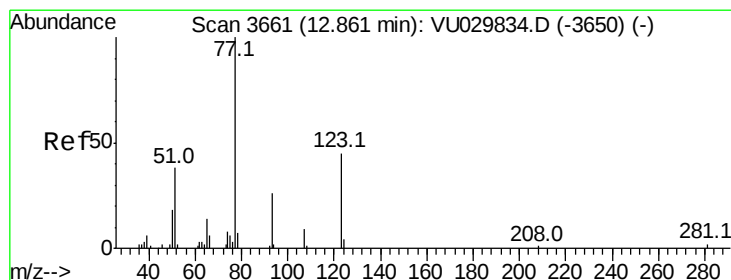
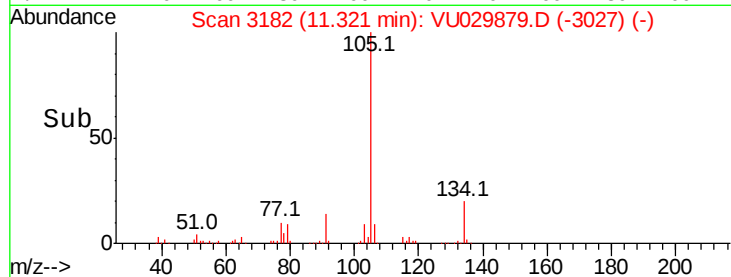
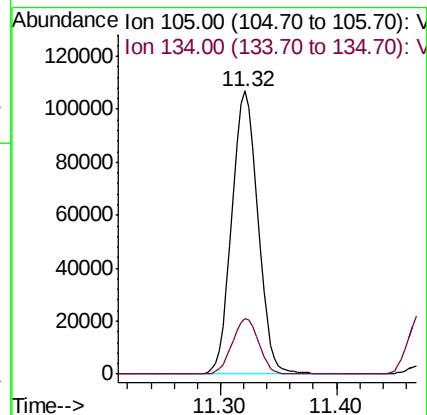
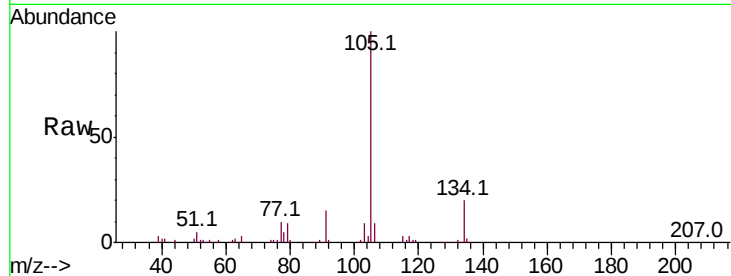
134 20.1 16.3 24.5

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#80

Nitrobenzene

Concen: 5.653 ug/l m

RT: 12.88 min Scan# 3668

Delta R.T. 0.02 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

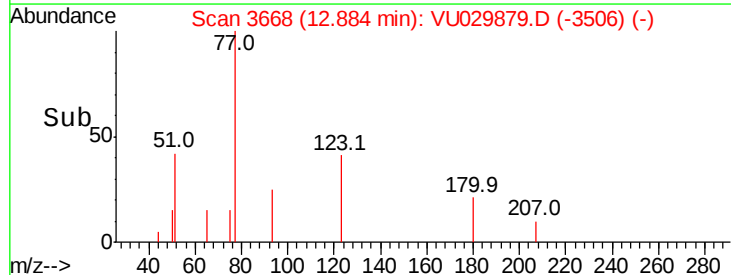
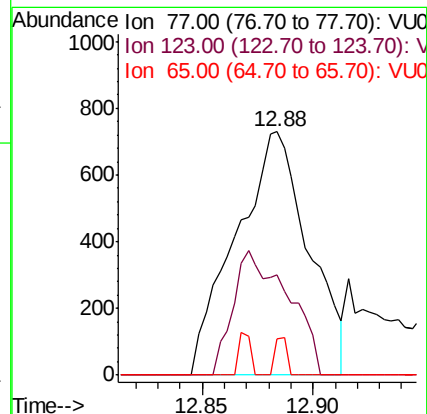
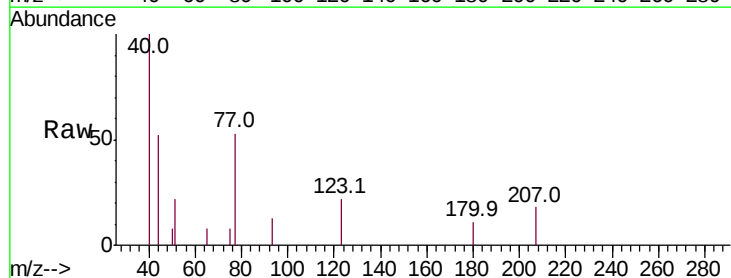
Tgt Ion: 77 Resp: 1665

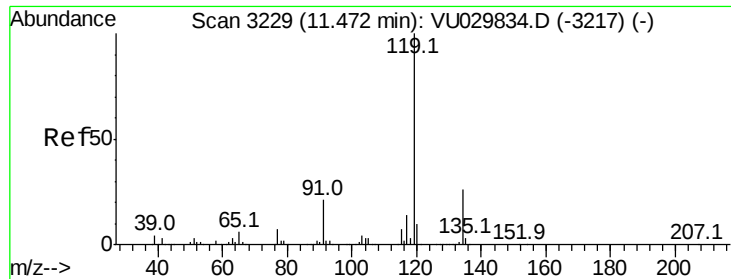
Ion Ratio Lower Upper

77 100

123 0.0 20.2 71.4#

65 2.6 14.0 17.8#





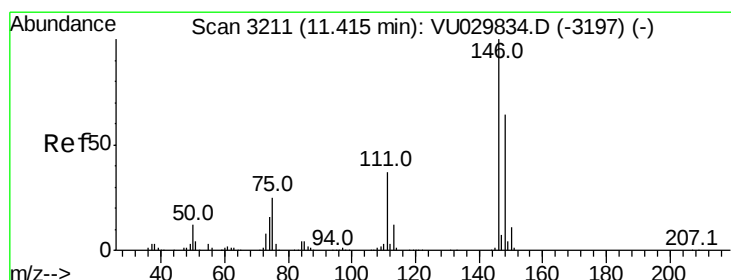
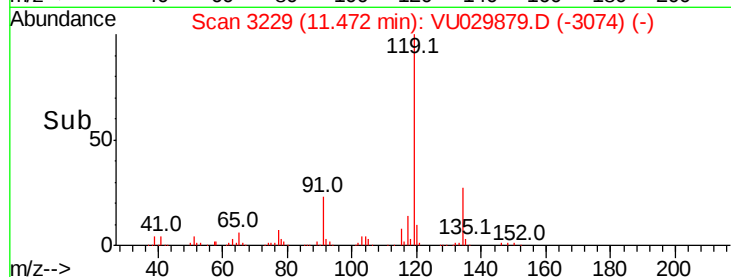
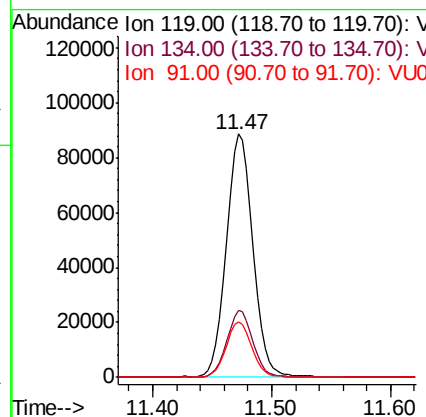
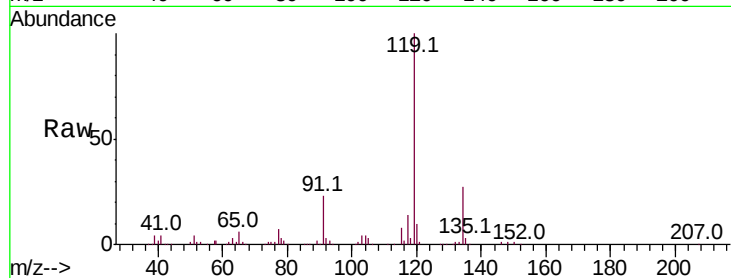
#81
p-Isopropyltoluene
Concen: 1.862 ug/l
RT: 11.47 min Scan# 3229
Delta R.T. -0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.8	21.2	31.8
91	22.5	17.2	25.8

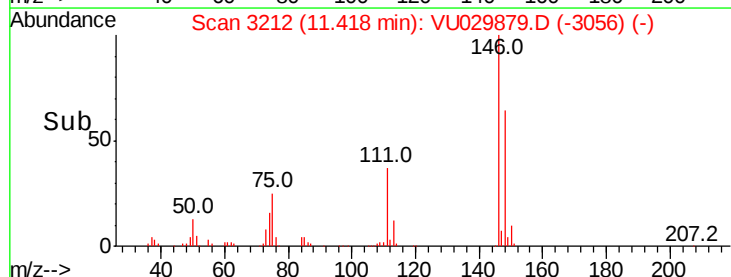
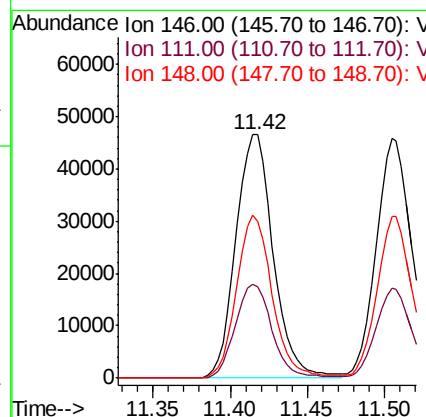
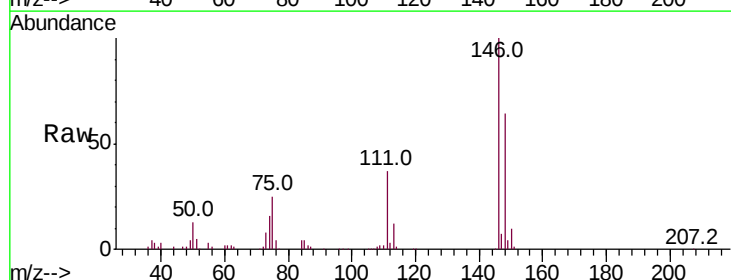
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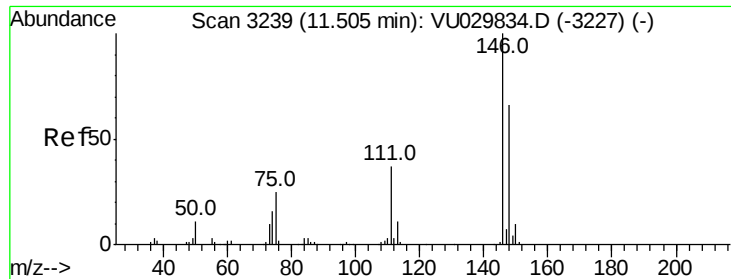
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#82
1,3-Dichlorobenzene
Concen: 1.874 ug/l
RT: 11.42 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	30.2	45.4
148	63.5	51.2	76.8





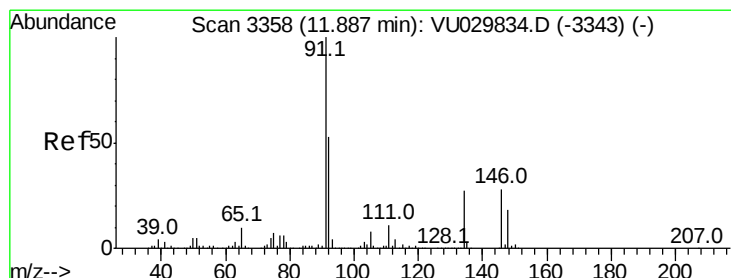
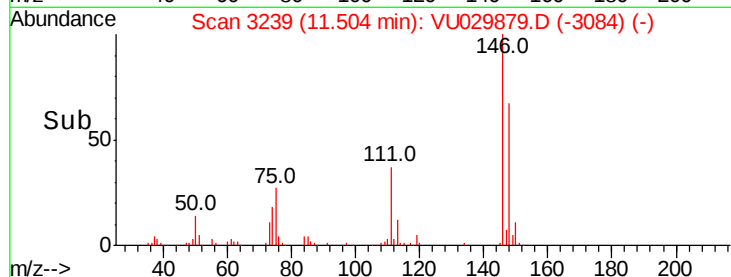
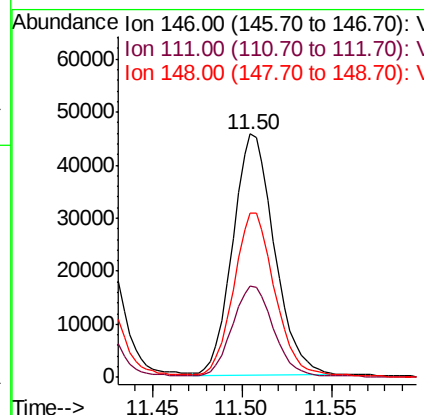
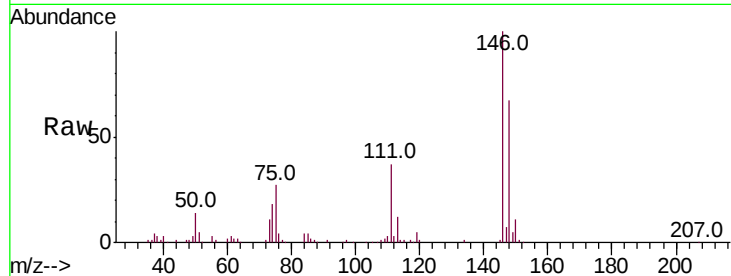
#83
1,4-Dichlorobenzene
Concen: 1.805 ug/l
RT: 11.50 min Scan# 3239
Delta R.T. -0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	29.4	44.2
148	68.5	51.7	77.5

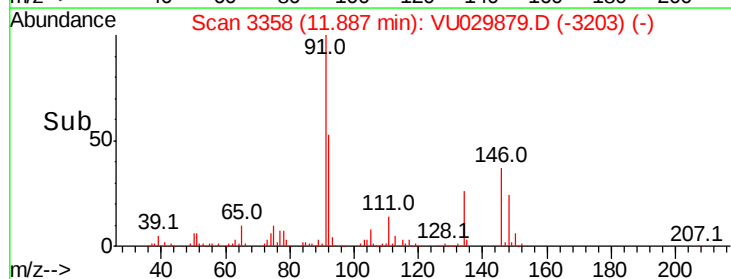
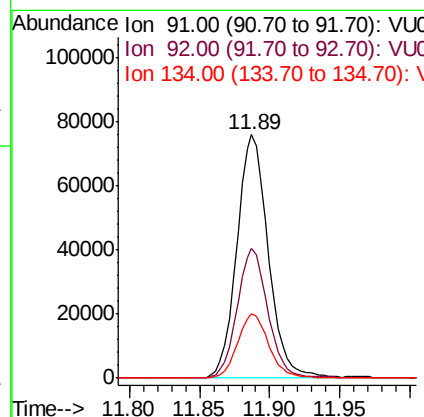
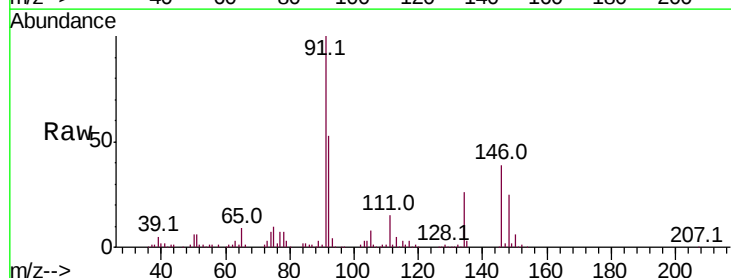
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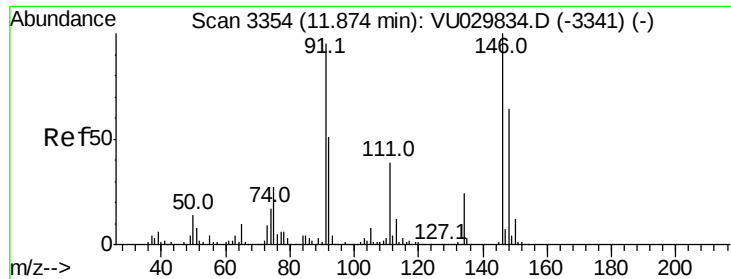
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#84
n-Butylbenzene
Concen: 1.768 ug/l
RT: 11.89 min Scan# 3358
Delta R.T. -0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.7	42.6	63.8
134	26.4	21.7	32.5





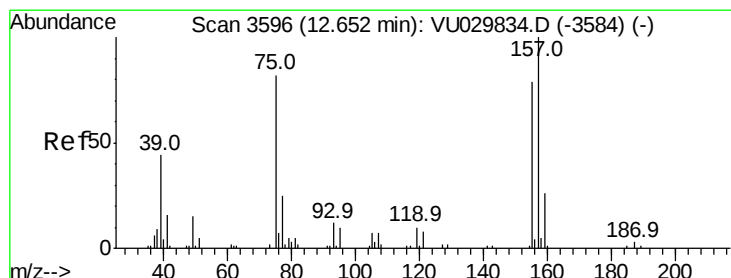
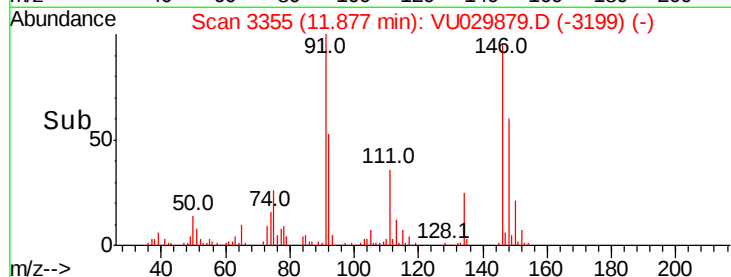
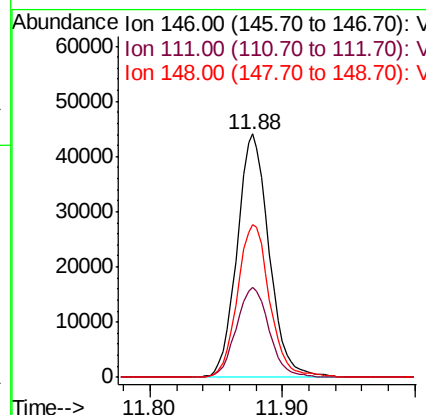
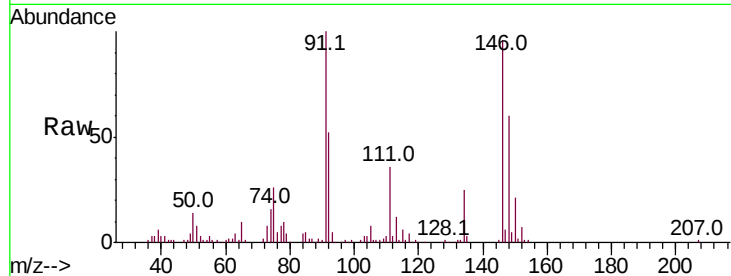
#85
 1,2-Dichlorobenzene
 Concen: 1.871 ug/l
 RT: 11.88 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VU029879.D
 Acq: 08 Mar 2019 11:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.9	59.6
148	63.5	32.1	96.3

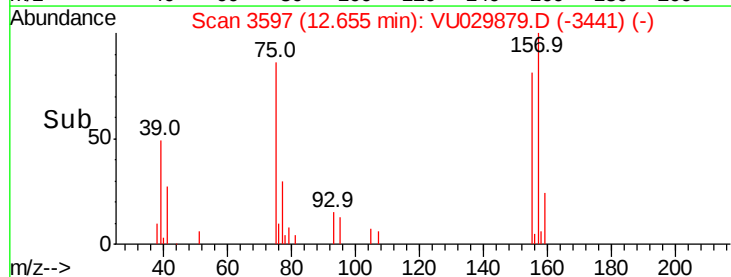
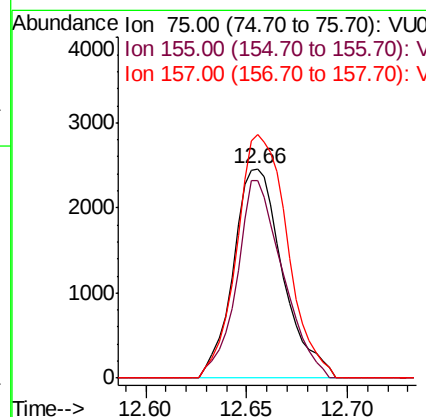
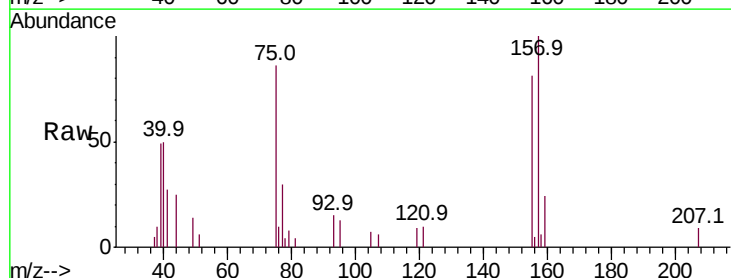
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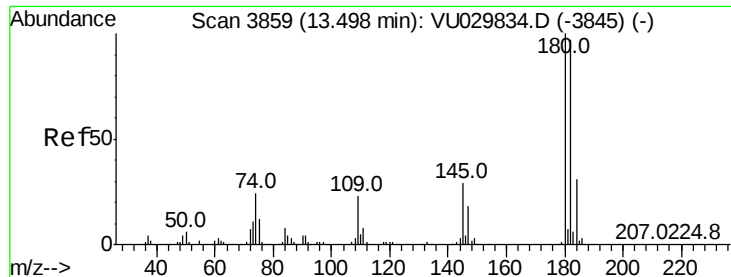
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.816 ug/l
 RT: 12.66 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VU029879.D
 Acq: 08 Mar 2019 11:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.0	76.6	114.8
157	119.6	96.2	144.2





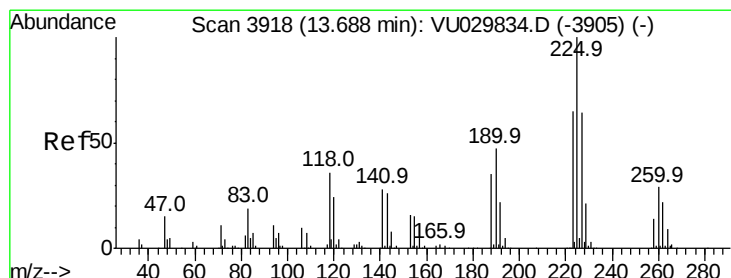
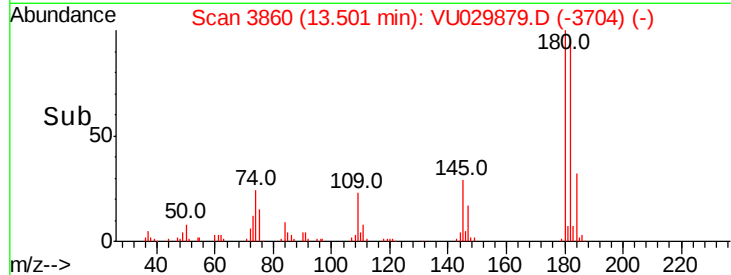
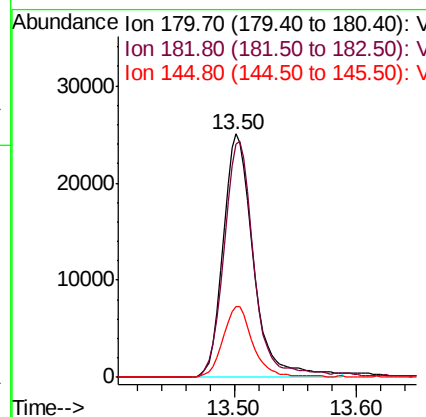
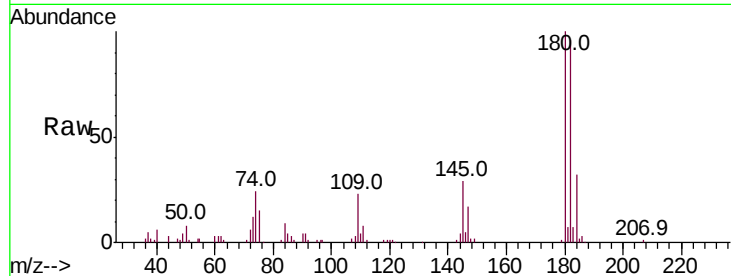
#87
 1,2,4-Trichlorobenzene
 Concen: 1.742 ug/l
 RT: 13.50 min Scan# 3860
 Delta R.T. 0.00 min
 Lab File: VU029879.D
 Acq: 08 Mar 2019 11:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.5	116.3
145	28.8	23.6	35.4

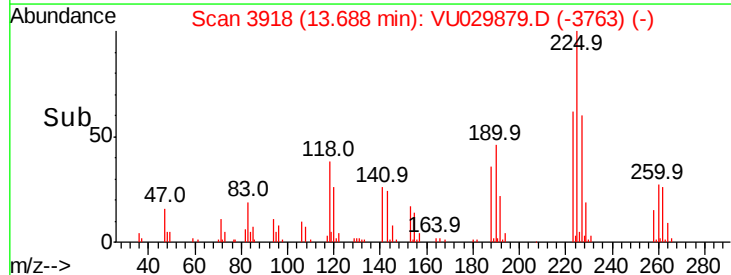
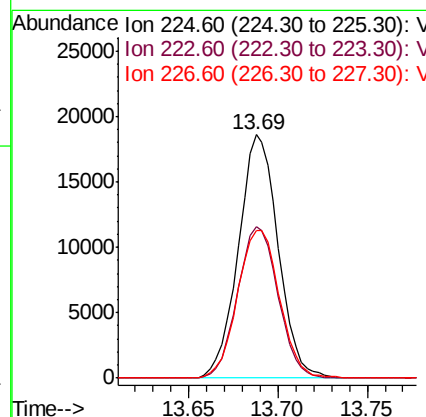
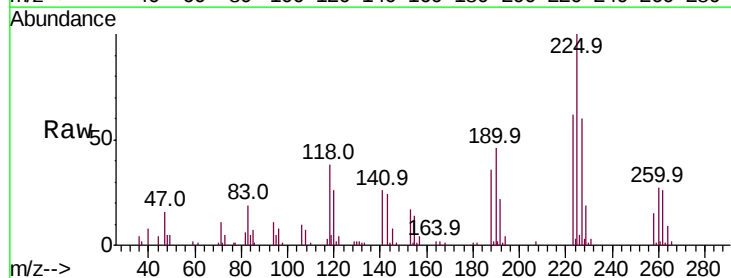
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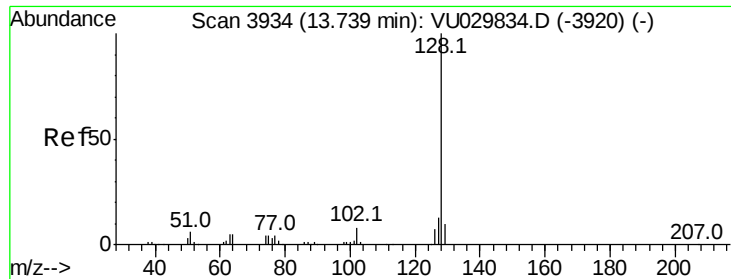
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#88
 Hexachlorobutadiene
 Concen: 1.820 ug/l
 RT: 13.69 min Scan# 3918
 Delta R.T. -0.00 min
 Lab File: VU029879.D
 Acq: 08 Mar 2019 11:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.2	76.8
227	64.3	50.9	76.3





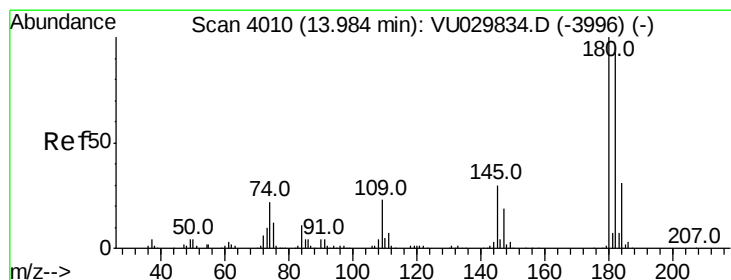
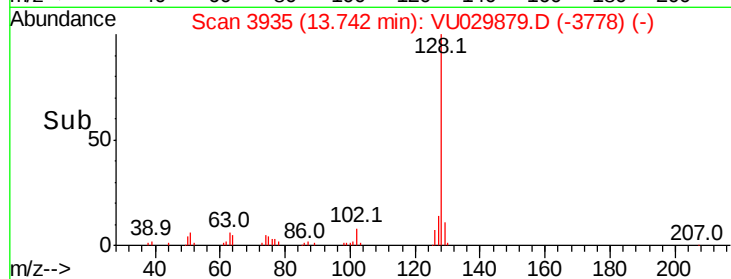
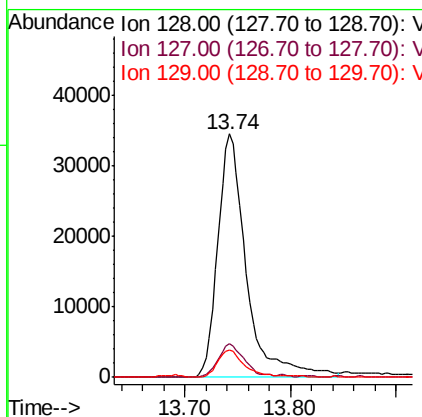
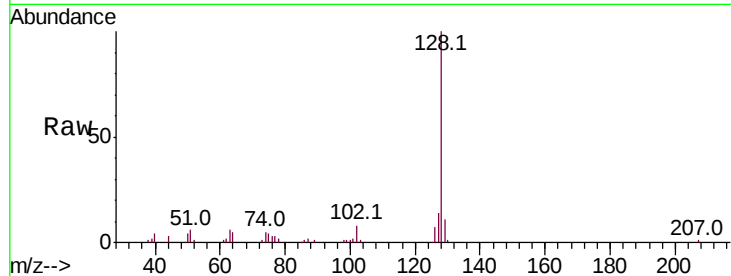
#89
Naphthalene
Concen: 1.731 ug/l
RT: 13.74 min Scan# 3935
Delta R.T. 0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.4
129	10.3	8.2	12.4

Manual Integrations
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#90
1,2,3-Trichlorobenzene
Concen: 1.795 ug/l
RT: 13.98 min Scan# 4010
Delta R.T. -0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	74.8	112.2
145	30.0	24.6	36.8

