

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U042619\
 Data File : VU031518.D
 Acq On : 26 Apr 2019 02:04
 Operator : JC/SP
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDCCC010EC

Manual Integrations
 APPROVED

MMdadoda
 4/26/2019 12:23:23 PM

Quant Time: Apr 26 06:00:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U042619DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Apr 26 04:42:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.74	96	78645	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	28121	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.00%	
68) 1,2-Dichlorobenzene-d4	11.85	152	25317	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.20	85	327232	9.218	ug/l	100
3) Chloromethane	1.32	50	382771	9.035	ug/l	100
4) Vinyl Chloride	1.40	62	370571	9.188	ug/l	100
5) Bromomethane	1.62	94	179472	9.182	ug/l	98
6) Chloroethane	1.70	64	206655	9.263	ug/l	97
7) Trichlorofluoromethane	1.88	101	427402	9.303	ug/l	97
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	204769	9.041	ug/l	97
9) 1,1-Dichloroethene	2.28	96	212295	9.427	ug/l	98
10) Iodomethane	2.41	142	243195	9.817	ug/l	99
11) Allyl Chloride	2.59	41	460257	9.331	ug/l	100
12) Acrylonitrile	2.93	53	130762	19.168	ug/l	98
13) Acetone	2.32	43	281201	45.237	ug/l	99
14) Carbon Disulfide	2.47	76	810454	9.376	ug/l	100
15) Methylene Chloride	2.69	84	251850	8.824	ug/l	98
16) trans-1,2-Dichloroethene	2.98	96	234838	9.320	ug/l	95
17) 1,1-Dichloroethane	3.44	63	487432	9.279	ug/l	100
18) 2-Butanone	4.26	43	439382	54.096	ug/l	98
19) Cyclohexane	4.99	56	425536m	10.523	ug/l	
20) Methylcyclohexane	6.41	83	343978	10.598	ug/l	99
21) 2,2-Dichloropropane	4.22	77	294600	7.676	ug/l	99
22) cis-1,2-Dichloroethene	4.22	96	256041	9.501	ug/l	98
23) Diethyl Ether	2.10	59	212106	9.829	ug/l	97
24) tert-Butyl Alcohol	2.82	59	220914	98.702	ug/l	98
25) Methyl tert-Butyl Ether	3.00	73	632275	9.644	ug/l	99
26) Bromochloromethane	4.54	128	109746	9.637	ug/l	99
27) Chloroform	4.67	83	461155	9.470	ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	385493	9.399	ug/l	99
29) 1,1-Dichloropropene	5.13	75	344879	10.383	ug/l	99
30) Carbon Tetrachloride	5.13	117	331324	9.483	ug/l	99
31) Isopropyl Ether	3.57	45	779752	9.912	ug/l	99
32) Ethyl-t-butyl ether	4.07	59	654486	10.248	ug/l	100
33) Tert-Amyl methyl ether	5.58	73	557444	10.975	ug/l	99
34) Propionitrile	4.32	54	116705	53.566	ug/l #	97
35) Benzene	5.38	78	1024391	10.084	ug/l	99
36) 1,2-Dichloroethane	5.40	62	325328	9.828	ug/l	99
37) Trichloroethene	6.18	130	235970	9.494	ug/l	98
38) 1,2-Dichloropropane	6.43	63	283593	9.881	ug/l	96
39) Methacrylonitrile	4.54	41	103012	11.270	ug/l	98
40) Methyl acrylate	4.42	55	146994	10.235	ug/l	97
41) Tetrahydrofuran	4.64	42	109075	21.778	ug/l	97
42) 1-Chlorobutane	5.06	56	519093	10.301	ug/l	99

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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Apr 26 04:42:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	134605	9.544	ug/l	99
44) Bromodichloromethane	6.75	83	338569	9.661	ug/l	99
45) 4-Methyl-2-Pentanone	7.46	43	946199	56.050	ug/l	99
46) t-1,4-Dichloro-2-butene	10.50	75	102703m	19.826	ug/l	
47) Methyl methacrylate	6.62	69	255002	23.399	ug/l	97
48) Ethyl methacrylate	8.02	69	222860	11.751	ug/l	96
49) Toluene	7.63	92	583956	11.057	ug/l	99
50) t-1,3-Dichloropropene	7.87	75	284032	10.288	ug/l	98
51) cis-1,3-Dichloropropene	7.26	75	340576	10.127	ug/l	100
52) 1,1,2-Trichloroethane	8.06	97	182558	9.917	ug/l	98
53) 1,3-Dichloropropane	8.24	76	329037	10.192	ug/l	100
54) 2-Hexanone	8.36	43	656014	57.634	ug/l	100
55) Dibromochloromethane	8.47	129	210046	10.119	ug/l	100
56) 1,2-Dibromoethane	8.58	107	166754	10.124	ug/l	100
58) Tetrachloroethene	8.22	164	231700	9.665	ug/l	98
59) Chlorobenzene	9.12	112	577714	10.427	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.20	131	216077	10.000	ug/l	97
61) Pentachloroethane	11.10	117	138679	9.057	ug/l	96
62) Hexachloroethane	12.14	117	153860	10.203	ug/l	97
63) Ethyl Benzene	9.25	91	1044511	11.514	ug/l	100
64) m/p-Xylenes	9.37	106	779730	22.970	ug/l	97
65) o-Xylene	9.77	106	369817	11.212	ug/l	100
66) Styrene	9.79	104	662220	10.191	ug/l	99
67) Bromoform	9.95	173	117072	10.081	ug/l	98
69) Isopropylbenzene	10.16	105	973757	11.273	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.45	83	237828	10.037	ug/l	98
71) 1,2,3-Trichloropropane	10.49	75	172673m	10.000	ug/l	
72) Bromobenzene	10.45	156	230963	10.542	ug/l	97
73) n-propylbenzene	10.58	120	260013	11.631	ug/l	94
74) 2-Chlorotoluene	10.66	126	237696	11.155	ug/l	100
75) 1,3,5-Trimethylbenzene	10.77	105	869373	10.188	ug/l	99
76) 4-Chlorotoluene	10.77	126	243205	10.207	ug/l	99
77) tert-Butylbenzene	11.10	119	754961	10.935	ug/l	98
78) 1,2,4-Trimethylbenzene	11.14	105	878515	10.139	ug/l	99
79) sec-Butylbenzene	11.32	105	1085239	11.524	ug/l	98
80) Nitrobenzene	12.86	77	34738	60.901	ug/l	97
81) p-Isopropyltoluene	11.47	119	855771	9.893	ug/l	99
82) 1,3-Dichlorobenzene	11.41	146	451392	10.418	ug/l	99
83) 1,4-Dichlorobenzene	11.50	146	451427	10.851	ug/l	99
84) n-Butylbenzene	11.89	91	832351	9.733	ug/l	100
85) 1,2-Dichlorobenzene	11.87	146	420542	10.212	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.65	75	37092	10.875	ug/l	93
87) 1,2,4-Trichlorobenzene	13.50	180	229118	9.148	ug/l	96
88) Hexachlorobutadiene	13.69	225	142168	9.396	ug/l	100
89) Naphthalene	13.74	128	430073	9.220	ug/l	100
90) 1,2,3-Trichlorobenzene	13.98	180	233756	10.943	ug/l	99

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

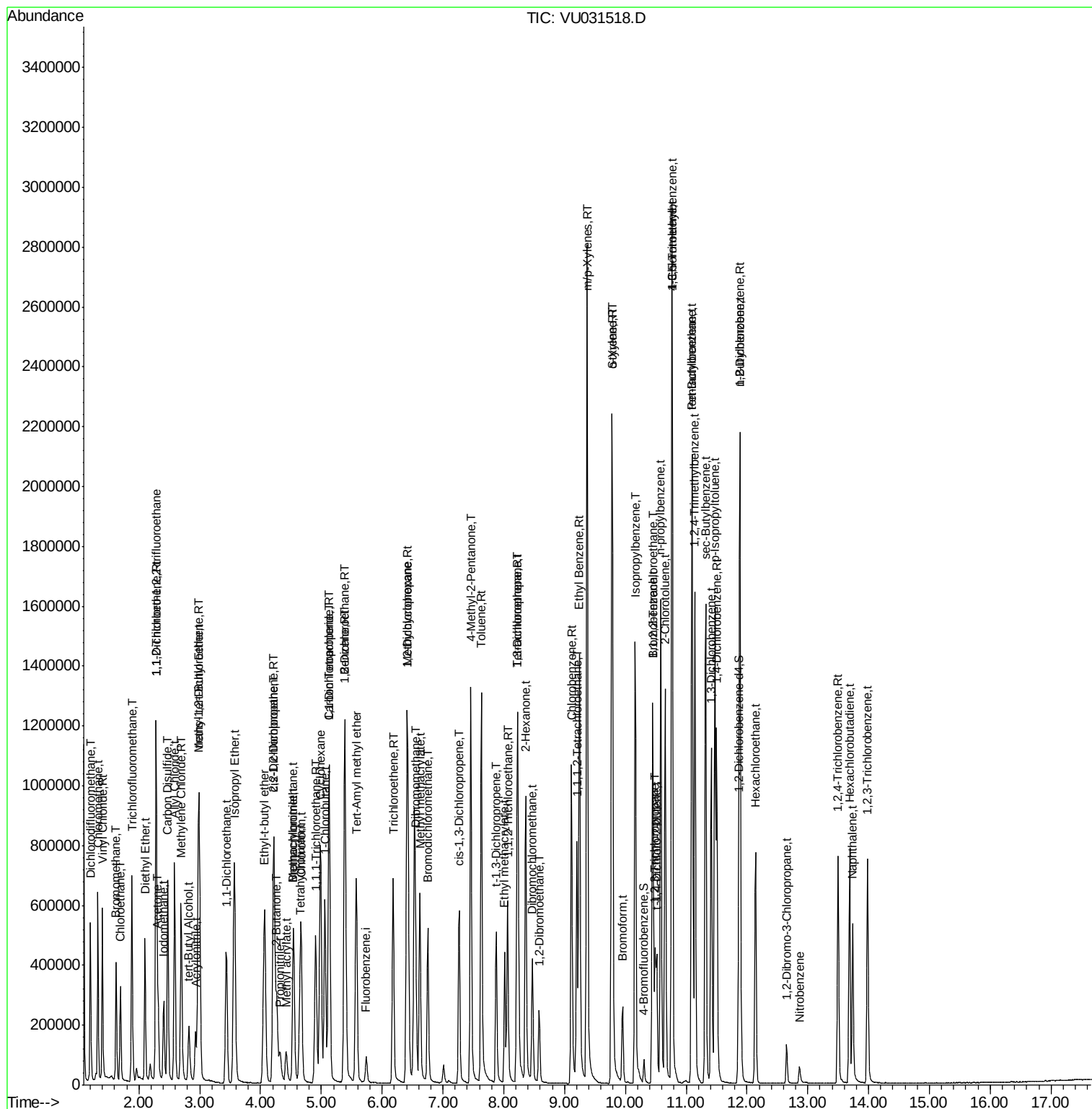
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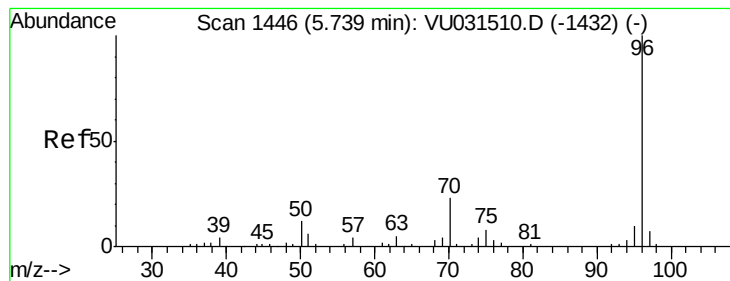
Instrument :
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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1446

Delta R.T. 0.00 min

Lab File: VU031518.D

Acq: 26 Apr 2019 02:04

Instrument :

MSVOA_U

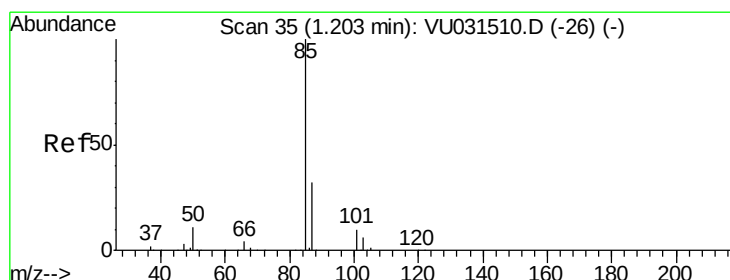
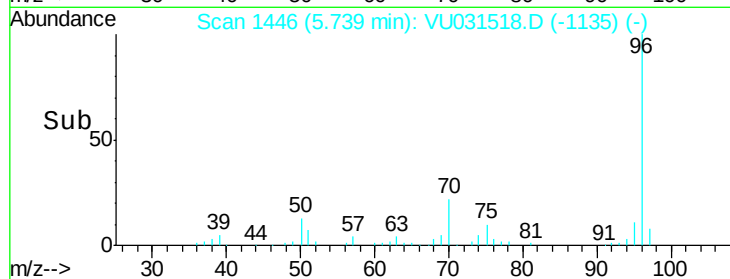
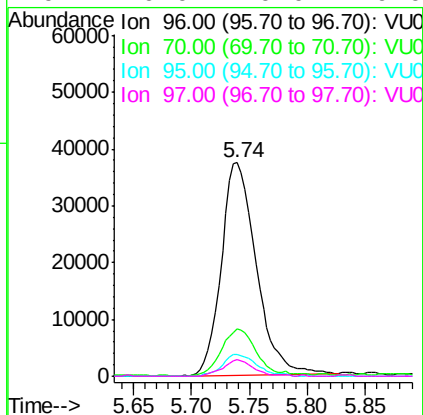
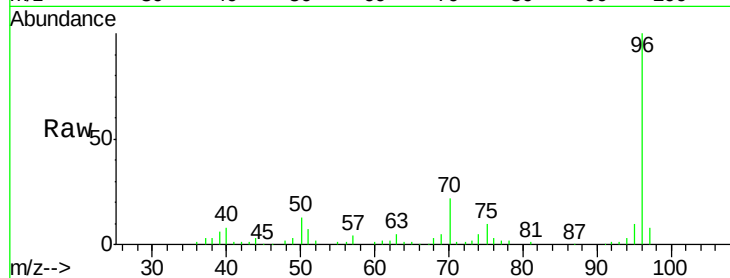
ClientSampleId :

VSTDCCC010EC

Tot Ion:	96	Resp:	78645
Ion	Ratio	Lower	Upper
96	100		
70	21.7	18.2	27.2
95	10.1	7.7	11.5
97	0.0	0.0	0.0

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 9.218 ug/l

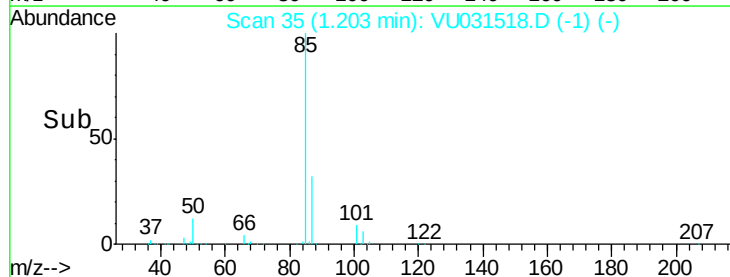
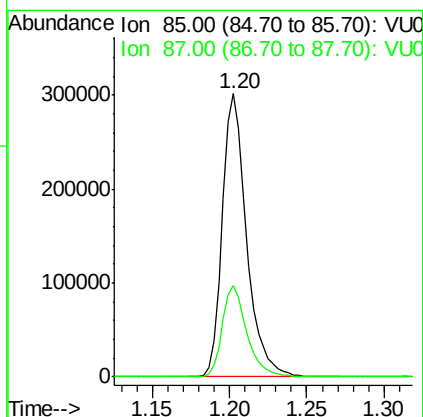
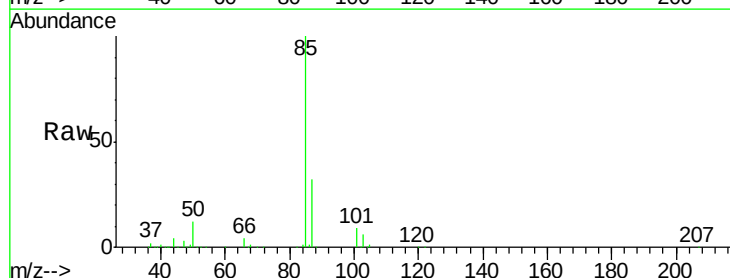
RT: 1.20 min Scan# 35

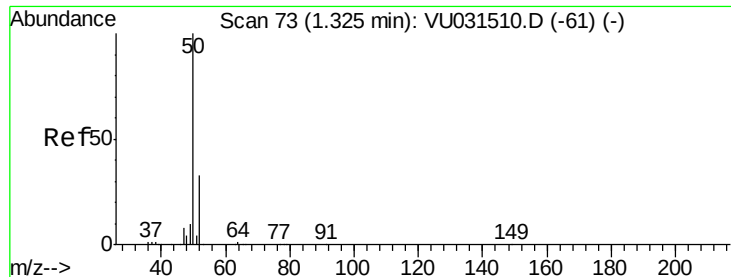
Delta R.T. 0.00 min

Lab File: VU031518.D

Acq: 26 Apr 2019 02:04

Tgt Ion:	85	Resp:	327232
Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.1	48.2





#3

Chloromethane

Concen: 9.035 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU031518.D

Acq: 26 Apr 2019 02:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 50 Resp: 382771

Ion Ratio Lower Upper

50 100

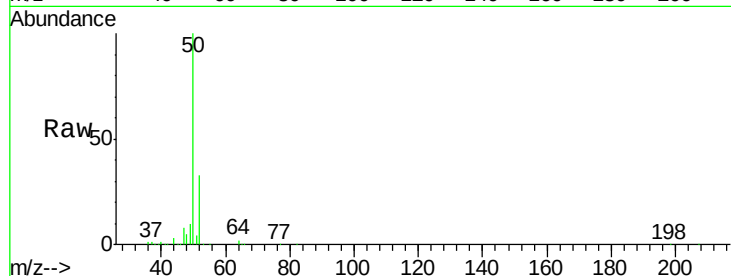
52 32.5 26.1 39.1

Manual Integrations

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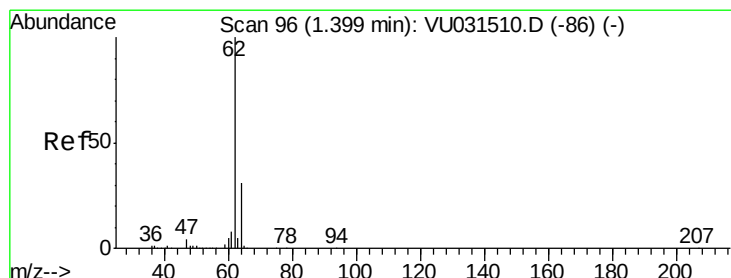
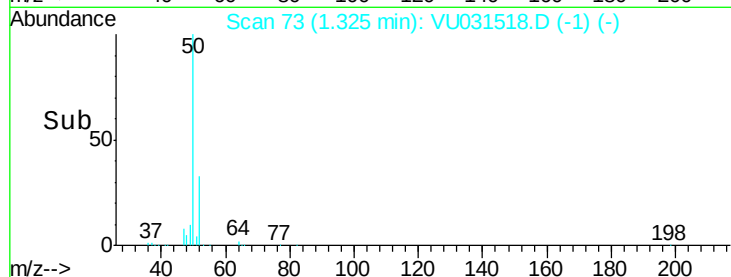
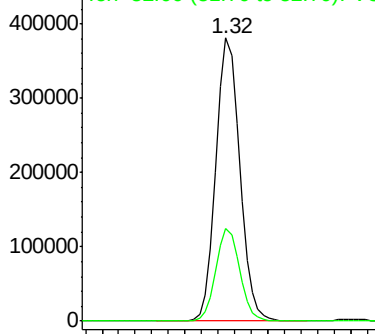
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Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#4

Vinyl Chloride

Concen: 9.188 ug/l

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU031518.D

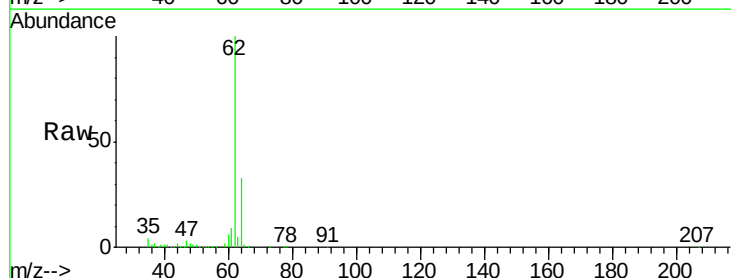
Acq: 26 Apr 2019 02:04

Tgt Ion: 62 Resp: 370571

Ion Ratio Lower Upper

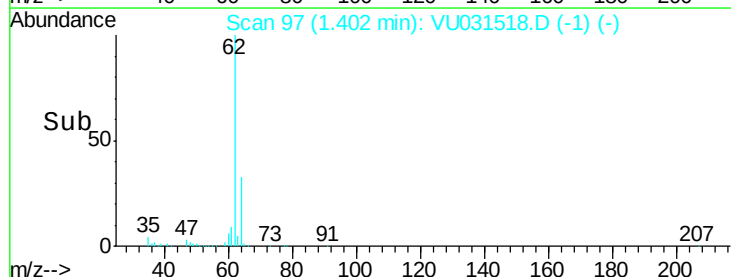
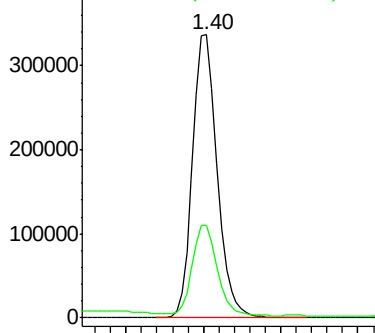
62 100

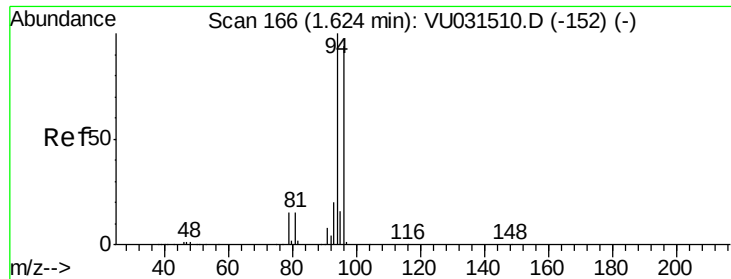
64 32.0 25.5 38.3



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0





#5

Bromomethane

Concen: 9.182 ug/l

RT: 1.62 min Scan# 166

Delta R.T. 0.00 min

Lab File: VU031518.D

Acq: 26 Apr 2019 02:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 94 Resp: 179472

Ion Ratio Lower Upper

94 100

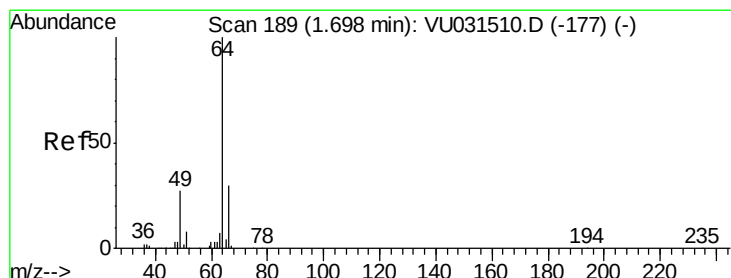
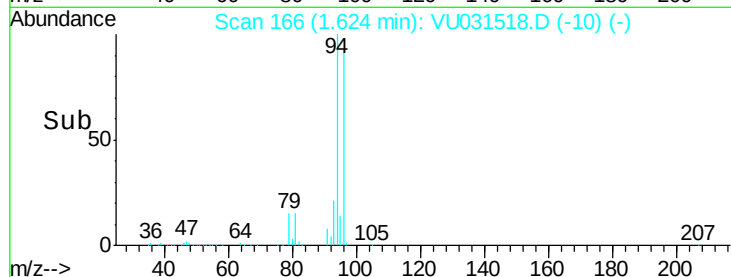
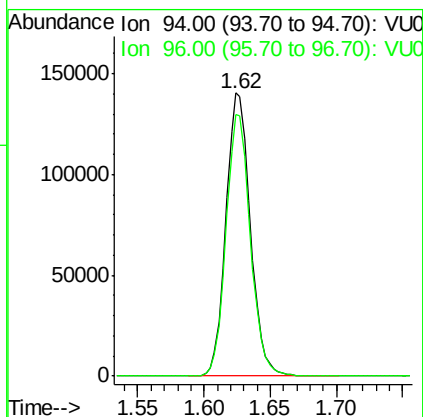
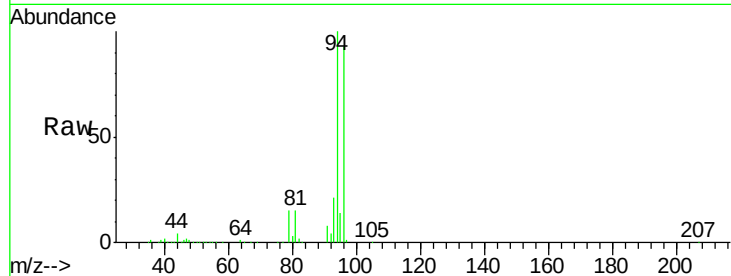
96 92.6 75.5 113.3

Manual Integrations

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#6

Chloroethane

Concen: 9.263 ug/l

RT: 1.70 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU031518.D

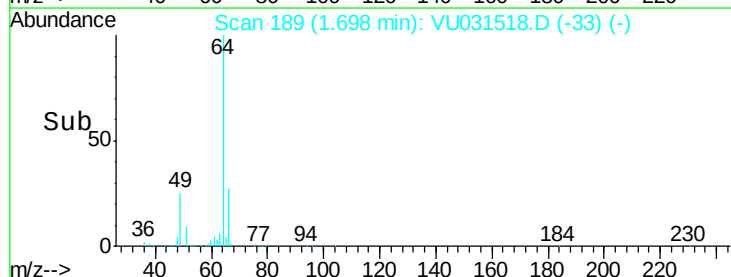
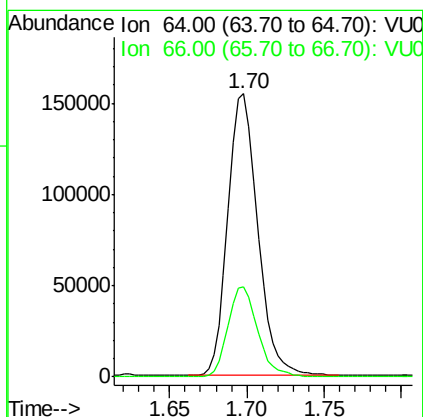
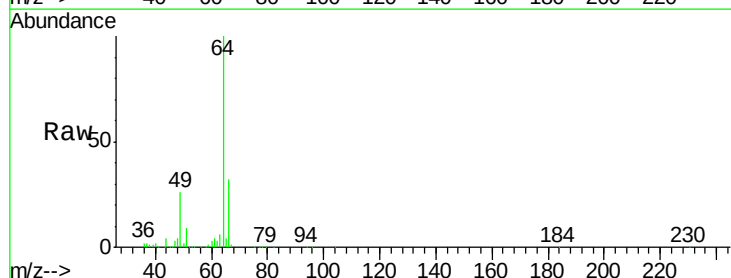
Acq: 26 Apr 2019 02:04

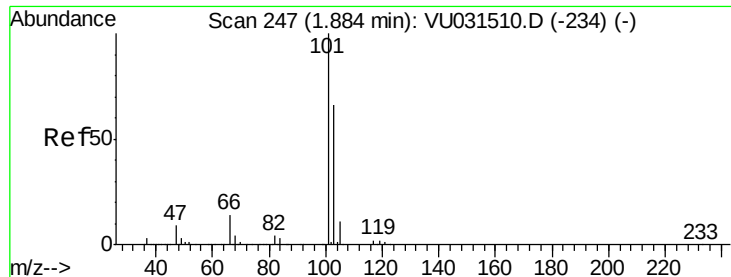
Tgt Ion: 64 Resp: 206655

Ion Ratio Lower Upper

64 100

66 32.0 24.3 36.5





#7

Trichlorofluoromethane

Concen: 9.303 ug/l

RT: 1.88 min Scan# 247

Delta R.T. 0.00 min

Lab File: VU031518.D

Acq: 26 Apr 2019 02:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion:101 Resp: 427402

Ion Ratio Lower Upper

101 100

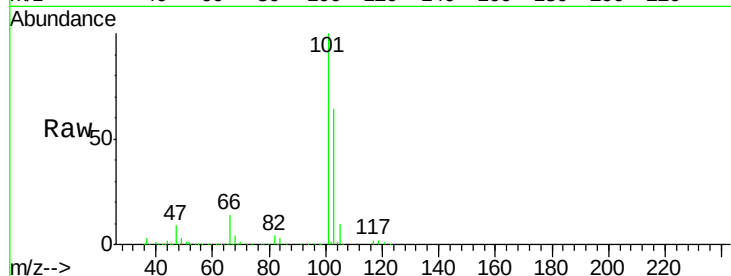
103 63.9 52.8 79.2

Manual Integrations

APPROVED

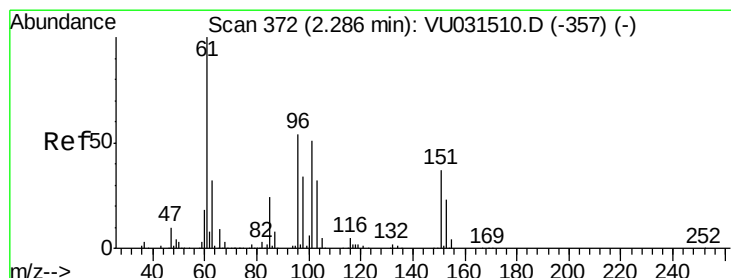
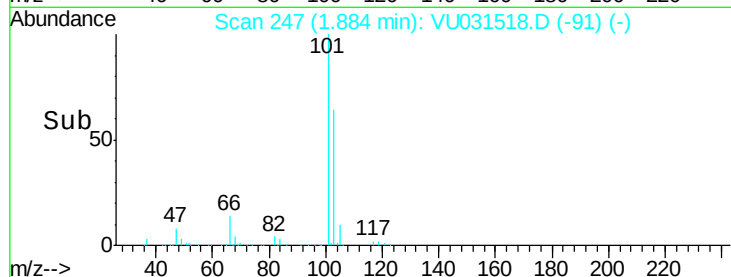
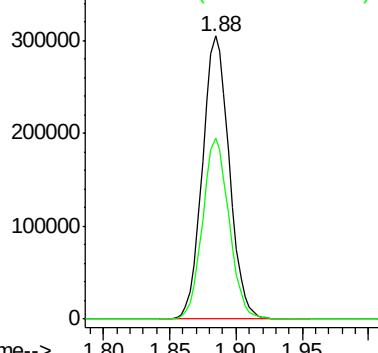
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Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

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

Concen: 9.041 ug/l

RT: 2.29 min Scan# 372

Delta R.T. 0.00 min

Lab File: VU031518.D

Acq: 26 Apr 2019 02:04

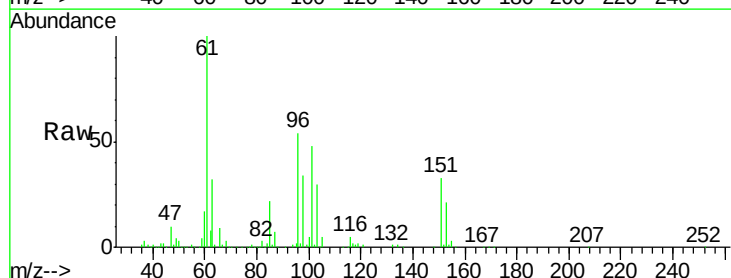
Tgt Ion:101 Resp: 204769

Ion Ratio Lower Upper

101 100

85 46.9 37.8 56.6

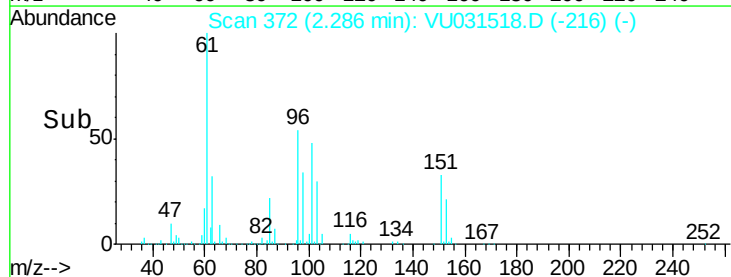
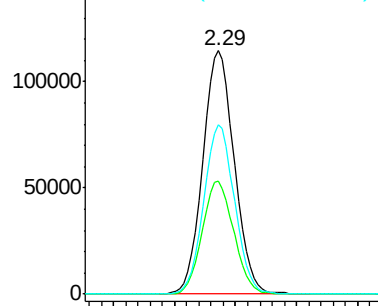
151 67.9 57.4 86.0

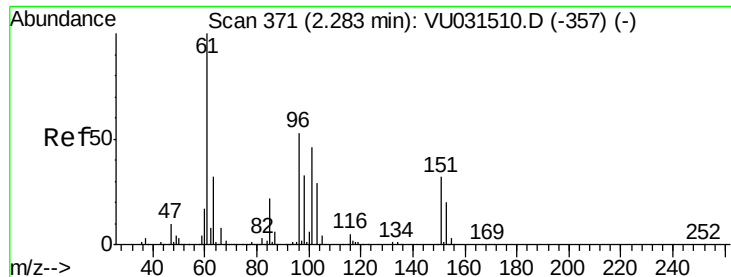


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 9.427 ug/l

RT: 2.28 min Scan# 371

Delta R.T. 0.00 min

Lab File: VU031518.D

Acq: 26 Apr 2019 02:04

Instrument :

MSVOA_U

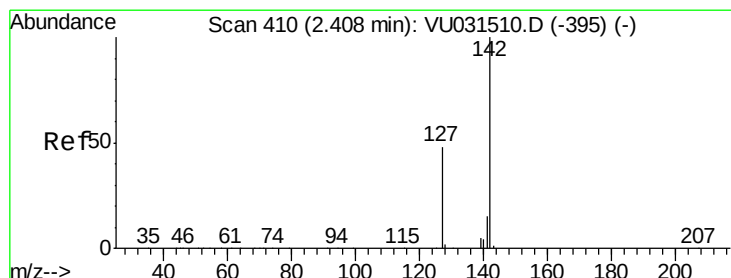
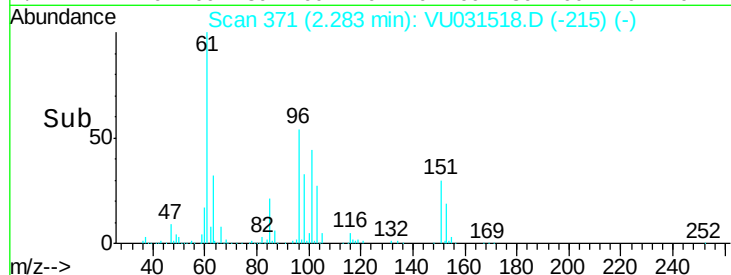
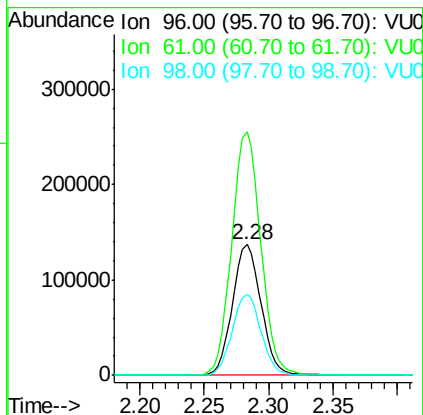
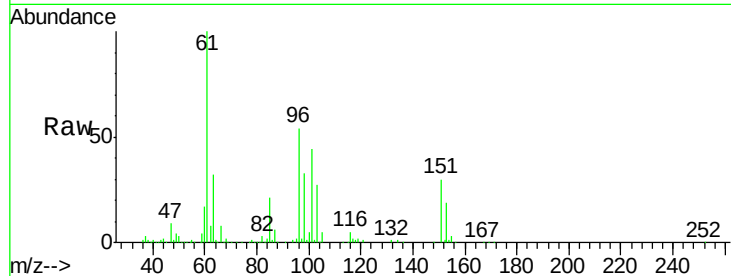
ClientSampleId :

VSTDCCC010EC

Tot Ion:	96	Resp:	212295
Ion Ratio	Lower	Upper	
96	100		
61	186.1	0.0	566.7
98	62.2	0.0	126.4

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#10

Iodomethane

Concen: 9.817 ug/l

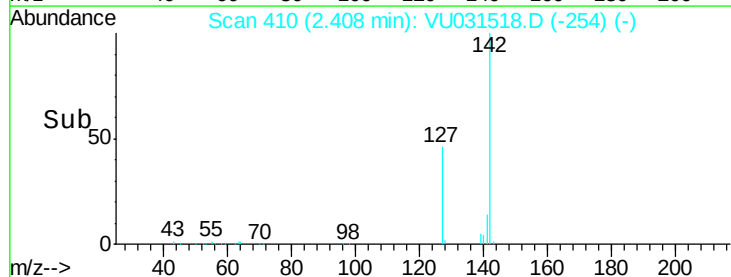
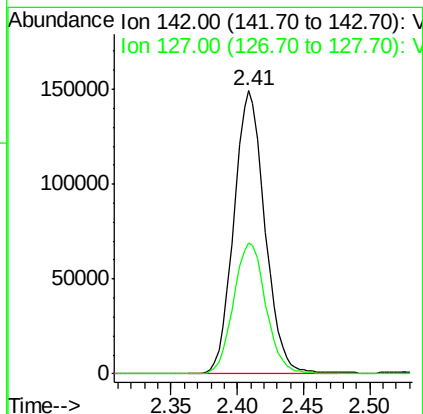
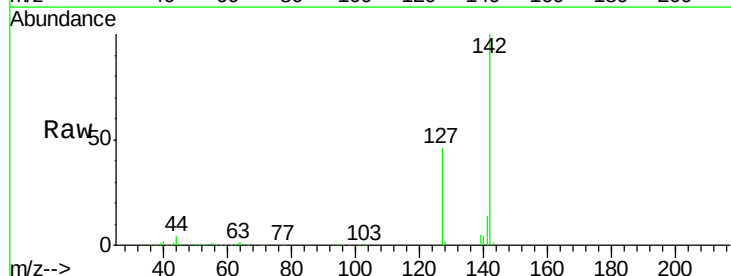
RT: 2.41 min Scan# 410

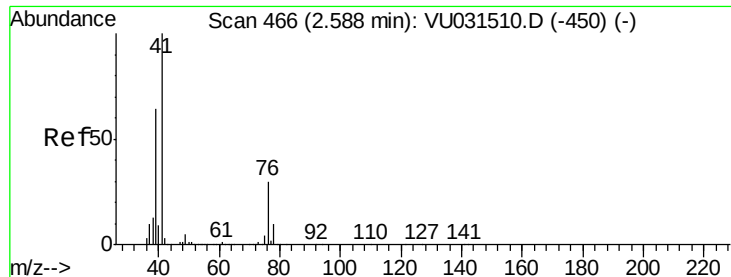
Delta R.T. 0.00 min

Lab File: VU031518.D

Acq: 26 Apr 2019 02:04

Tgt Ion:	142	Resp:	243195
Ion Ratio	Lower	Upper	
142	100		
127	48.1	38.2	57.2





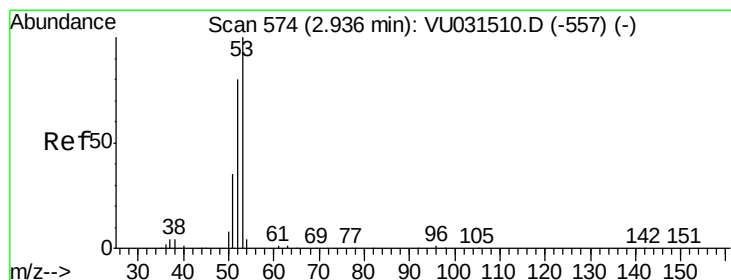
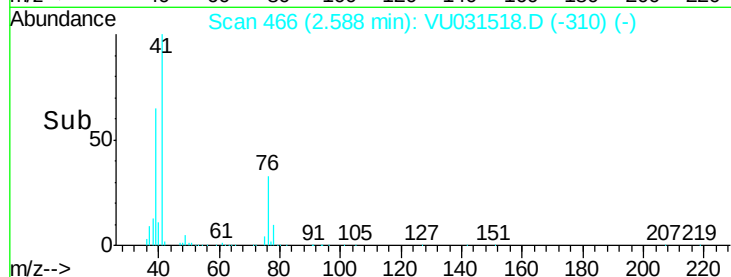
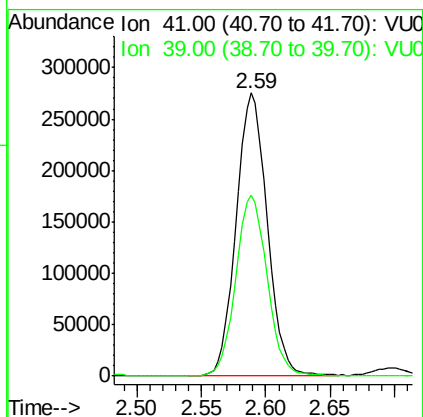
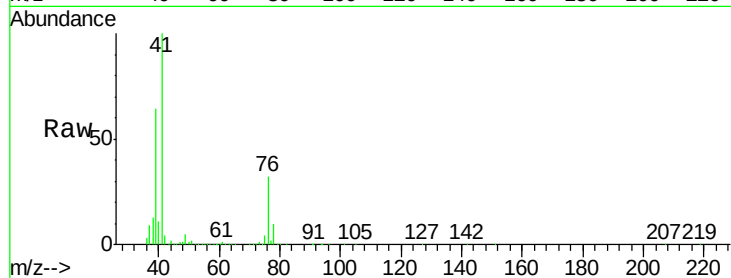
#11
Allvl Chloride
Concen: 9.331 ug/l
RT: 2.59 min Scan# 466
Delta R.T. 0.00 min
Lab File: VU031518.D
Acq: 26 Apr 2019 02:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion: 41 Resp: 460257
Ion Ratio Lower Upper
41 100
39 64.3 51.4 77.0

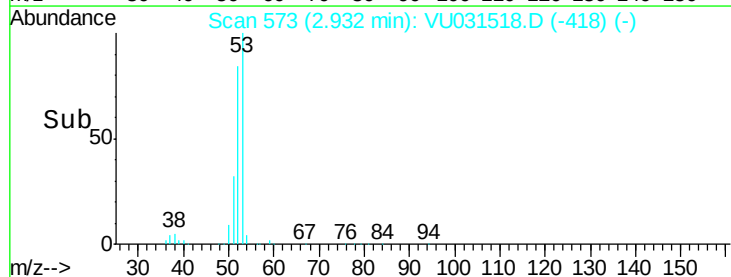
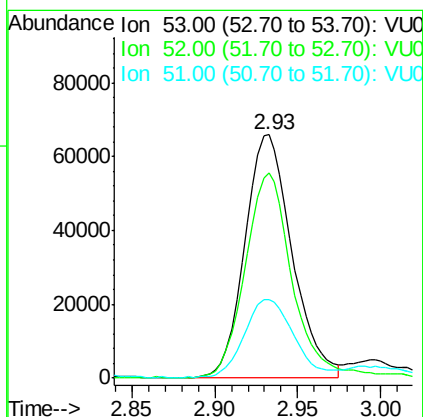
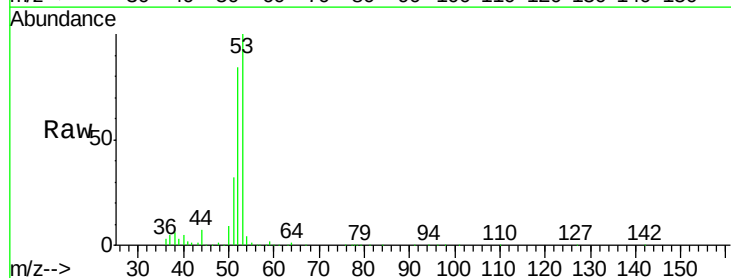
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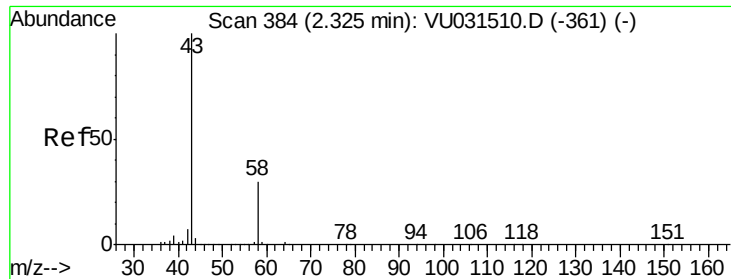
MMdadoda
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#12
Acrylonitrile
Concen: 19.168 ug/l
RT: 2.93 min Scan# 573
Delta R.T. -0.00 min
Lab File: VU031518.D
Acq: 26 Apr 2019 02:04

Tgt Ion: 53 Resp: 130762
Ion Ratio Lower Upper
53 100
52 85.3 69.4 104.0
51 33.5 27.5 41.3





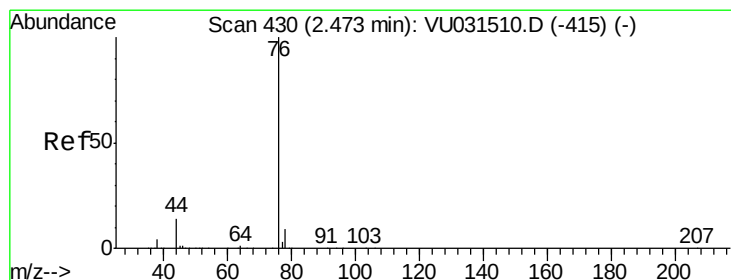
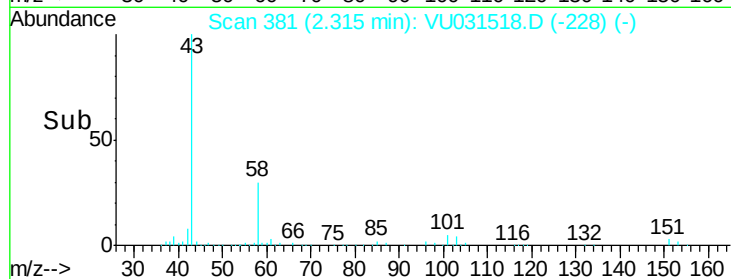
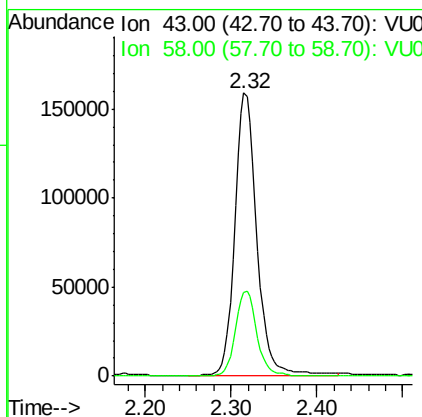
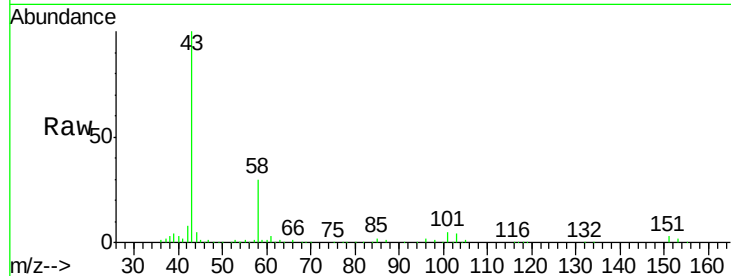
#13
Acetone
Concen: 45.237 ug/l
RT: 2.32 min Scan# 381
Delta R.T. -0.01 min
Lab File: VU031518.D
Acq: 26 Apr 2019 02:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion: 43 Resp: 281201
Ion Ratio Lower Upper
43 100
58 29.5 24.1 36.1

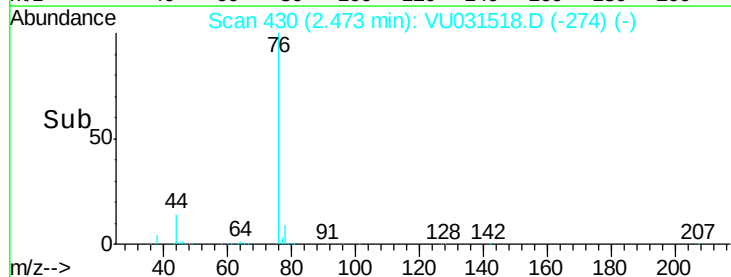
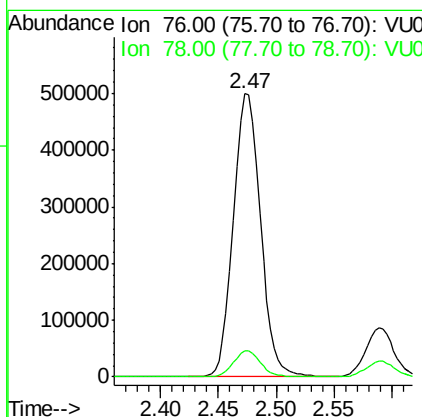
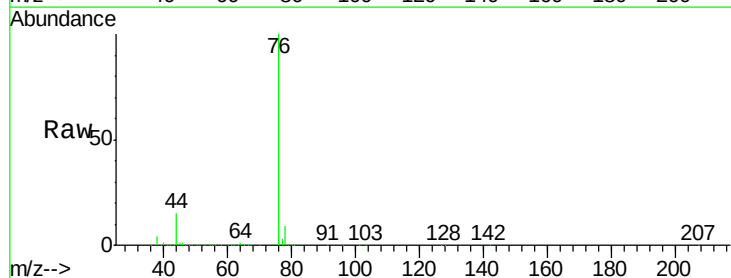
Manual Integrations
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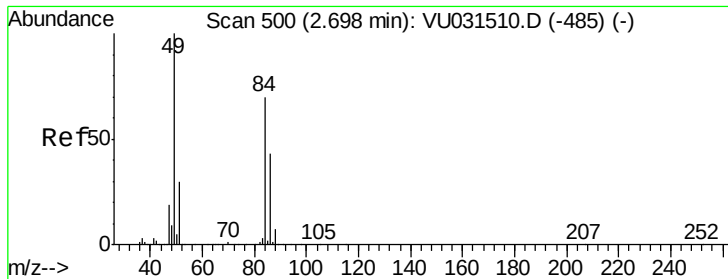
MMdadoda
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#14
Carbon Disulfide
Concen: 9.376 ug/l
RT: 2.47 min Scan# 430
Delta R.T. 0.00 min
Lab File: VU031518.D
Acq: 26 Apr 2019 02:04

Tgt Ion: 76 Resp: 810454
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8





#15

Methvlene Chloride

Concen: 8.824 ug/l

RT: 2.69 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU031518.D

Acq: 26 Apr 2019 02:04

Instrument :

MSVOA_U

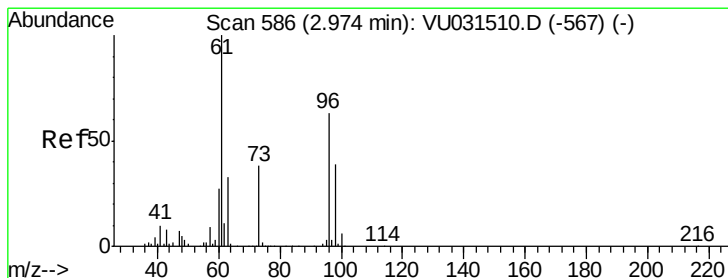
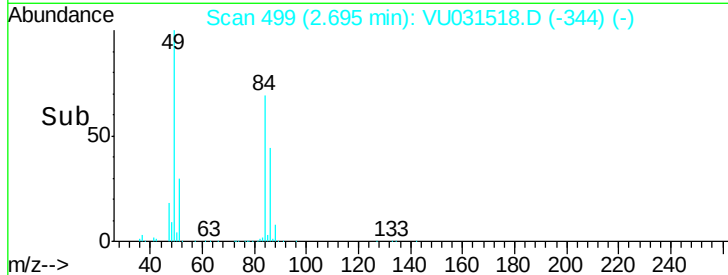
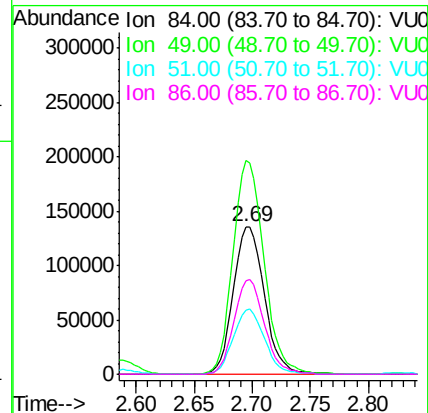
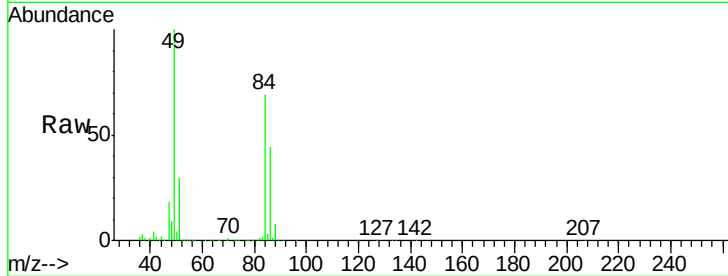
ClientSampleId :

VSTDCCC010EC

Tot Ion:	84	Resp:	251850
Ion	Ratio	Lower	Upper
84	100		
49	144.6	113.6	170.4
51	43.5	0.0	85.6
86	63.5	49.4	74.0

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#16

trans-1,2-Dichloroethene

Concen: 9.320 ug/l

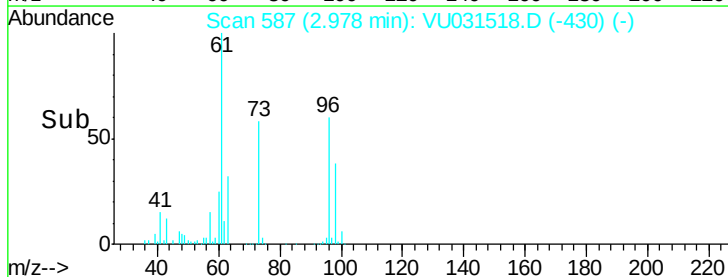
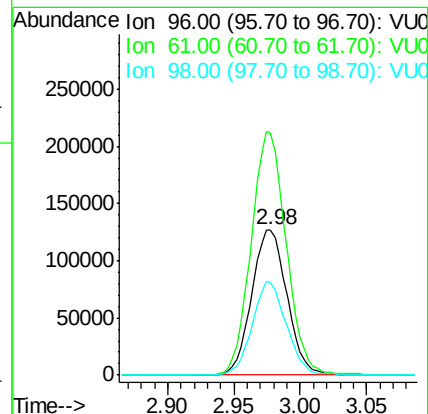
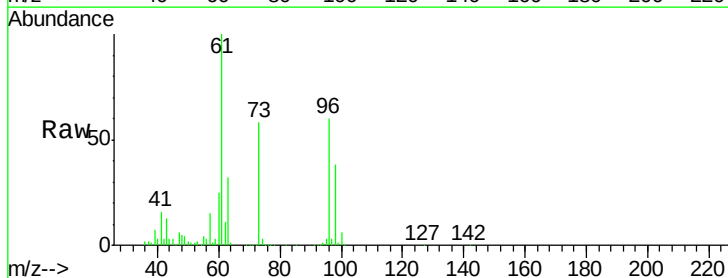
RT: 2.98 min Scan# 587

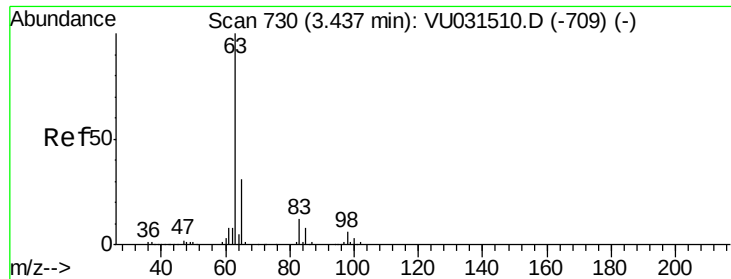
Delta R.T. 0.00 min

Lab File: VU031518.D

Acq: 26 Apr 2019 02:04

Tgt Ion:	96	Resp:	234838
Ion	Ratio	Lower	Upper
96	100		
61	166.2	127.2	190.8
98	63.7	49.4	74.0





#17

1,1-Dichloroethane

Concen: 9.279 ug/l

RT: 3.44 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU031518.D

Acq: 26 Apr 2019 02:04

Instrument :

MSVOA_U

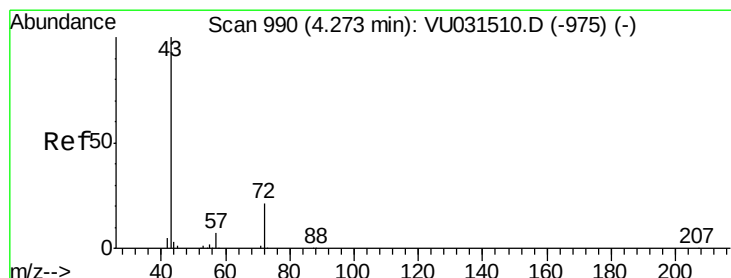
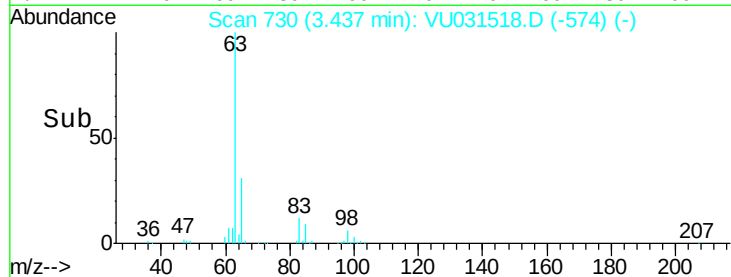
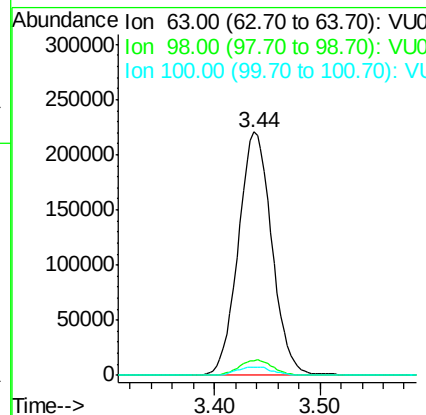
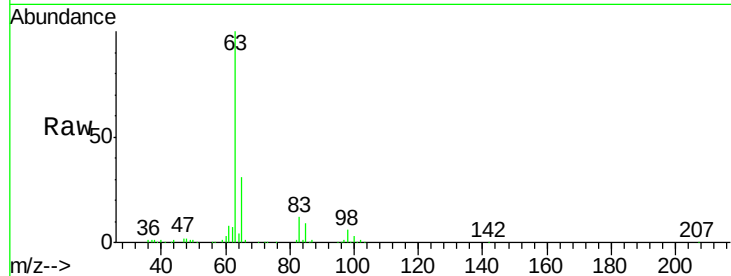
ClientSampleId :

VSTDCCC010EC

Tot Ion	63	Resp	487432
Ion	Ratio	Lower	Upper
63	100		
98	6.2	3.0	9.2
100	3.3	1.7	5.1

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#18

2-Butanone

Concen: 54.096 ug/l

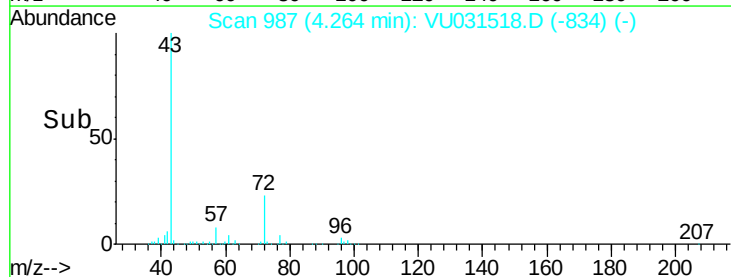
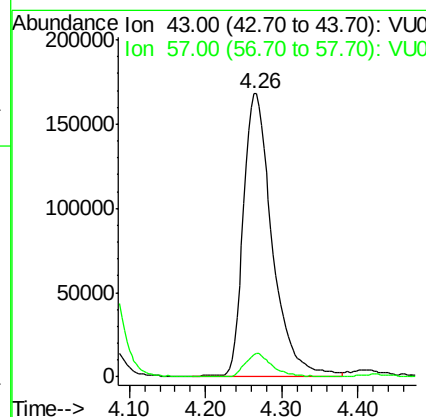
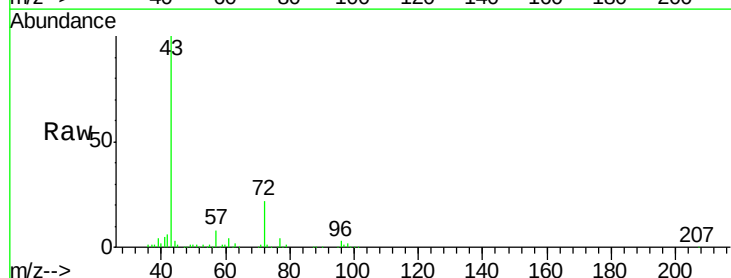
RT: 4.26 min Scan# 987

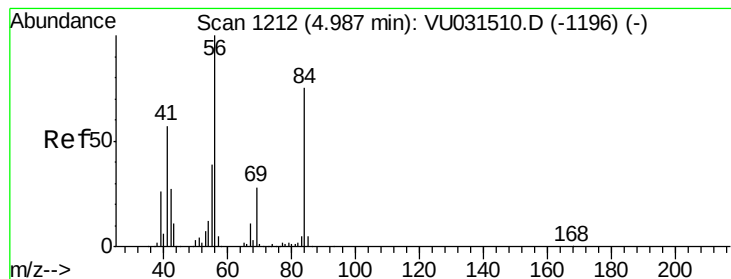
Delta R.T. -0.01 min

Lab File: VU031518.D

Acq: 26 Apr 2019 02:04

Tgt Ion	43	Resp	439382
Ion	Ratio	Lower	Upper
43	100		
57	7.7	0.0	14.2





#19

Cyclohexane

Concen: 10.523 ug/l m

RT: 4.99 min Scan# 1212

Delta R.T. 0.00 min

Lab File: VU031518.D

Acq: 26 Apr 2019 02:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 56 Resp: 425536

Ion Ratio Lower Upper

56 100

69 28.1 22.4 33.6

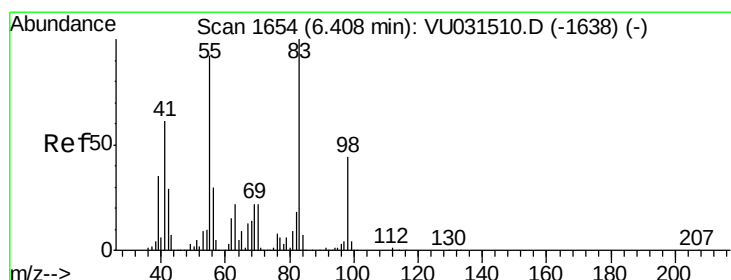
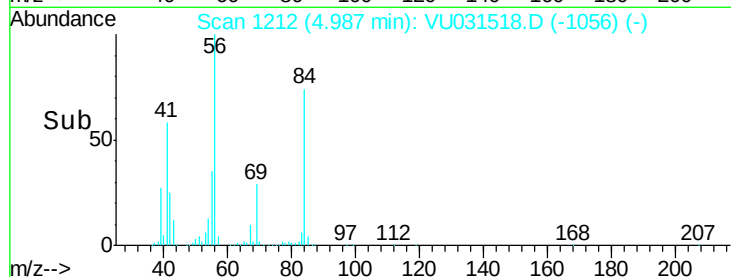
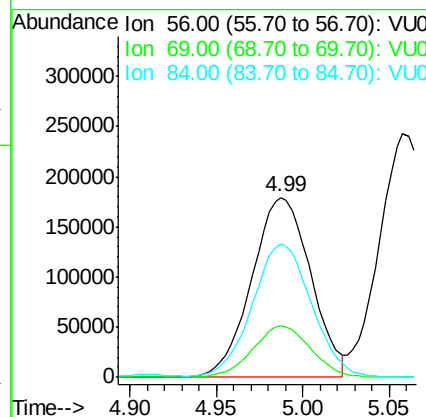
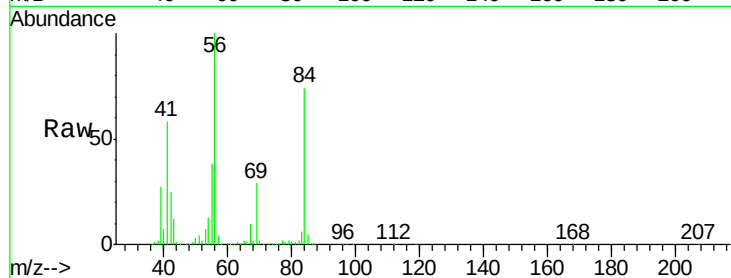
84 73.7 59.0 88.4

Manual Integrations

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#20

Methylcyclohexane

Concen: 10.598 ug/l

RT: 6.41 min Scan# 1655

Delta R.T. 0.00 min

Lab File: VU031518.D

Acq: 26 Apr 2019 02:04

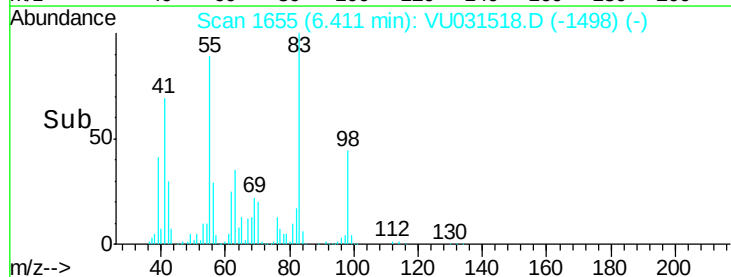
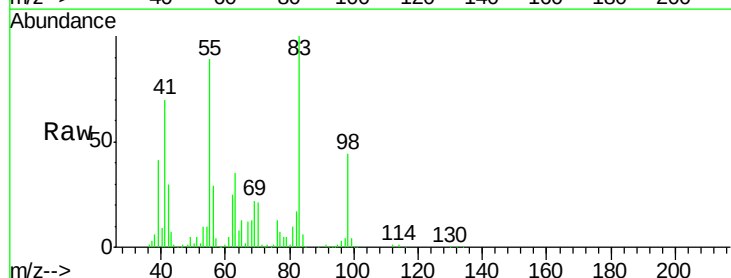
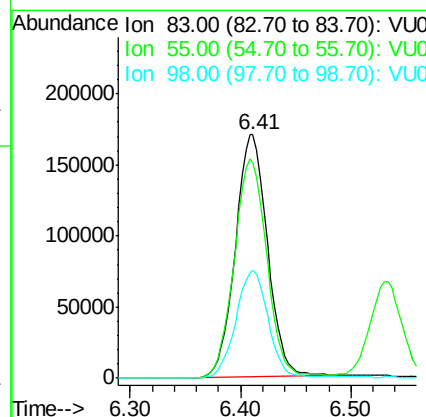
Tgt Ion: 83 Resp: 343978

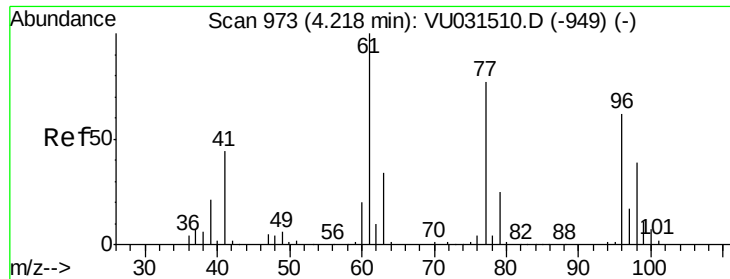
Ion Ratio Lower Upper

83 100

55 90.3 73.7 110.5

98 43.7 35.2 52.8





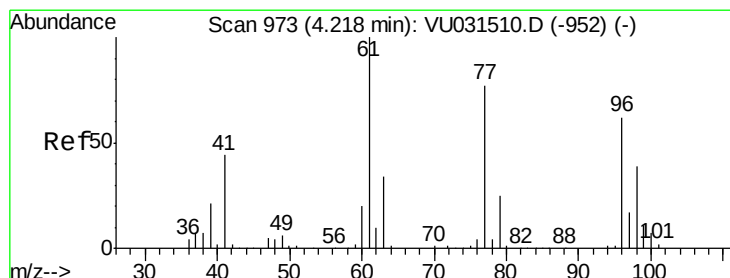
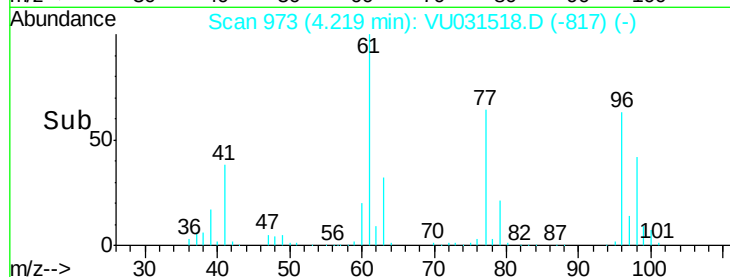
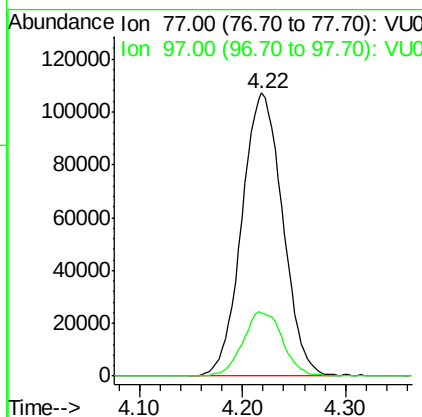
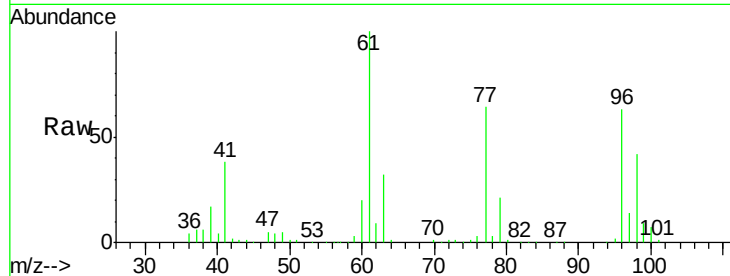
#21
 2,2-Dichloropropane
 Concen: 7.676 ug/l
 RT: 4.22 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: VU031518.D
 Acq: 26 Apr 2019 02:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion: 77 Resp: 294600
 Ion Ratio Lower Upper
 77 100
 97 22.2 17.5 26.3

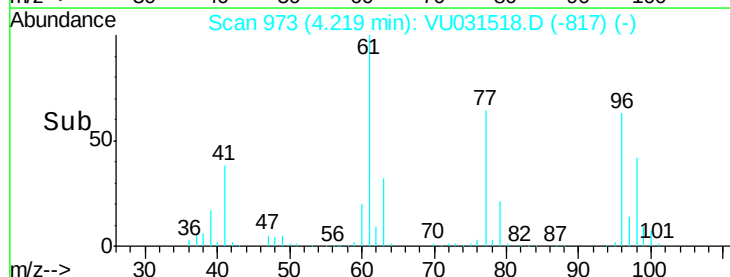
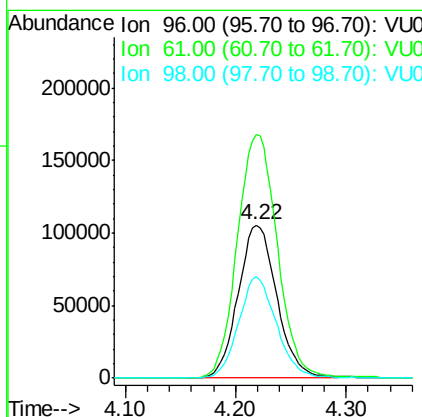
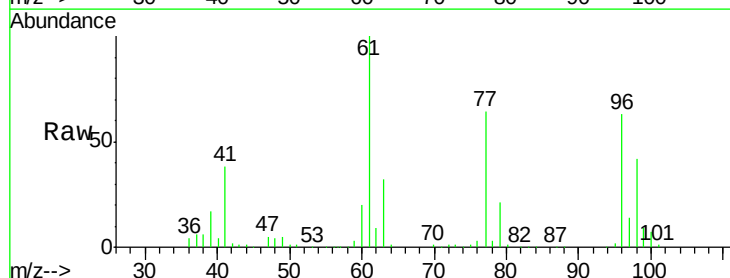
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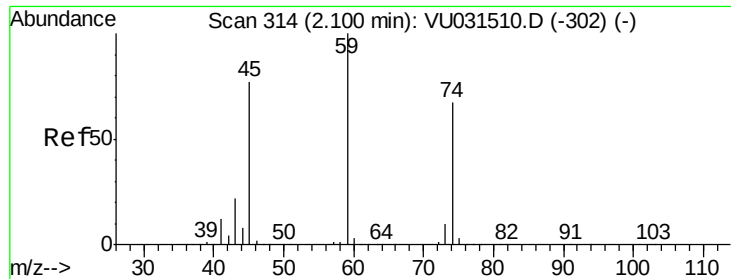
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#22
 cis-1,2-Dichloroethene
 Concen: 9.501 ug/l
 RT: 4.22 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: VU031518.D
 Acq: 26 Apr 2019 02:04

Tgt Ion: 96 Resp: 256041
 Ion Ratio Lower Upper
 96 100
 61 164.7 0.0 408.8
 98 65.0 31.1 93.3





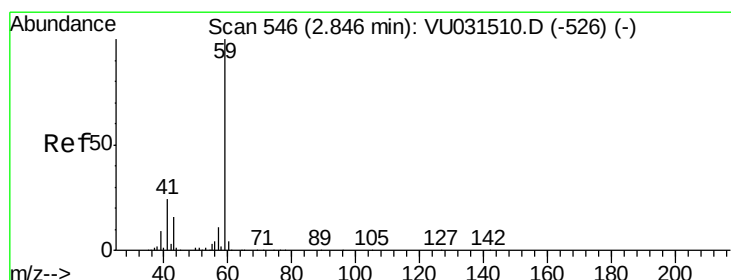
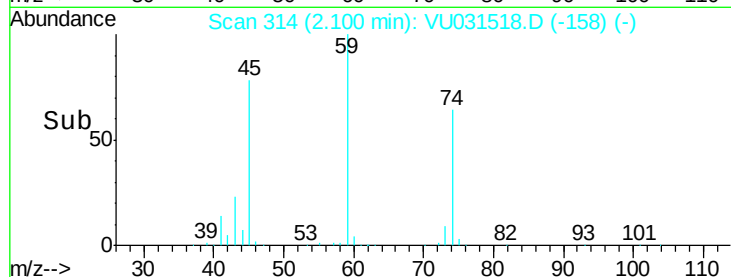
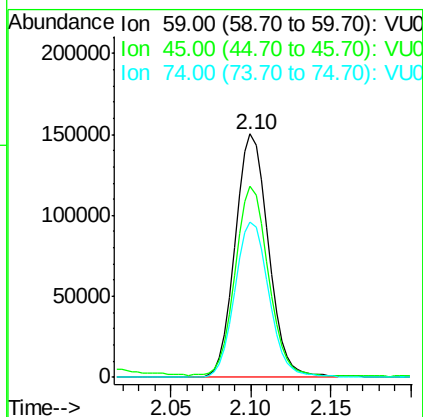
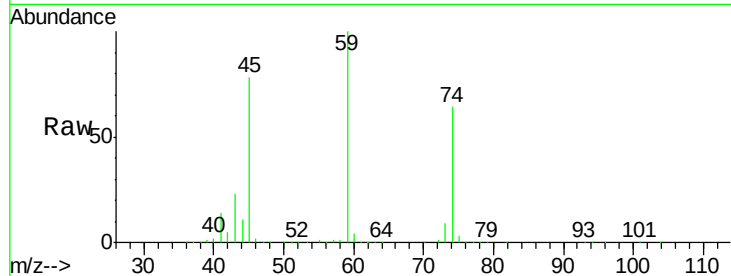
#23
Diethyl Ether
Concen: 9.829 ug/l
RT: 2.10 min Scan# 314
Delta R.T. 0.00 min
Lab File: VU031518.D
Acq: 26 Apr 2019 02:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
59	100		
45	77.7	64.5	96.7
74	65.6	54.6	81.8

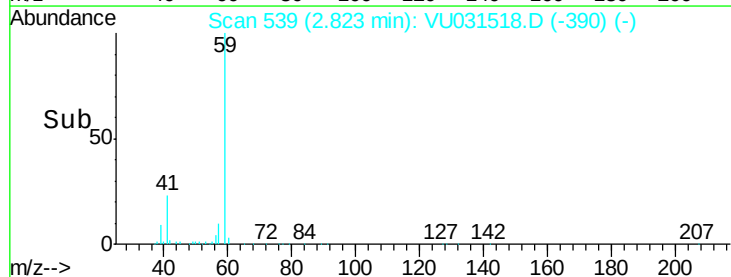
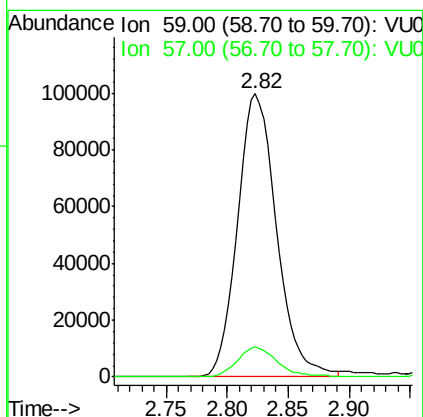
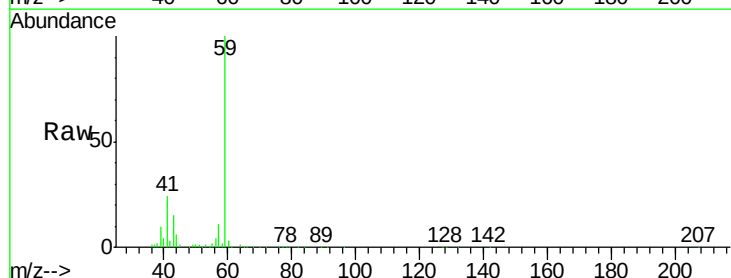
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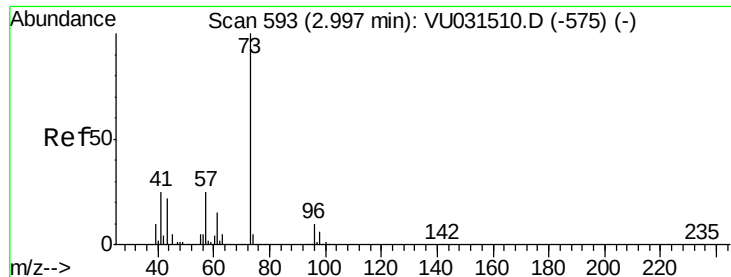
MMDadoda
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#24
tert-Butyl Alcohol
Concen: 98.702 ug/l
RT: 2.82 min Scan# 539
Delta R.T. -0.02 min
Lab File: VU031518.D
Acq: 26 Apr 2019 02:04

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.2	12.2





#25

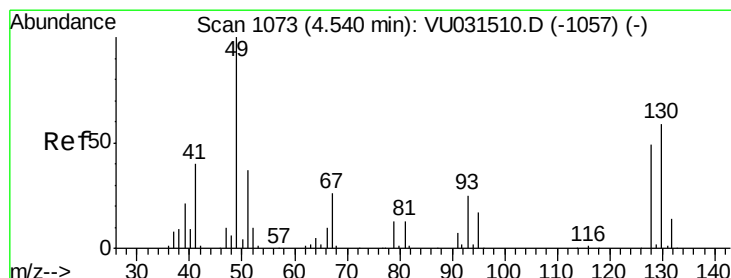
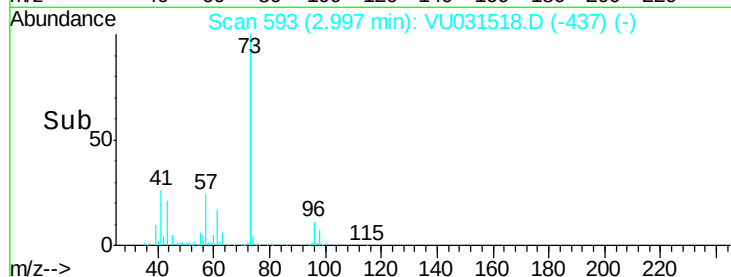
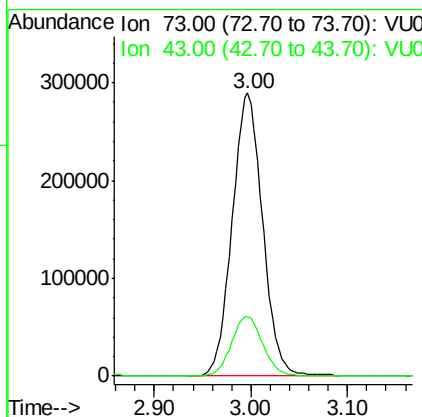
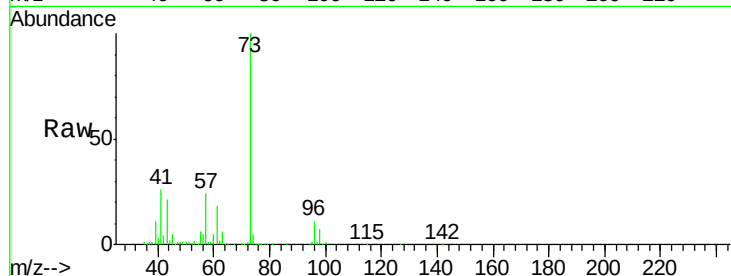
Methyl tert-Butyl Ether
 Concen: 9.644 ug/l
 RT: 3.00 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: VU031518.D
 Acq: 26 Apr 2019 02:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
73	100		
43	21.4	16.9	25.3

Manual Integrations
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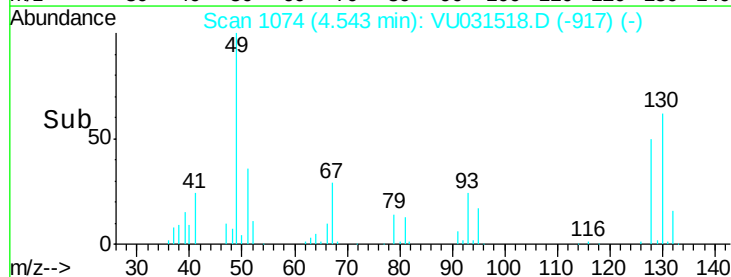
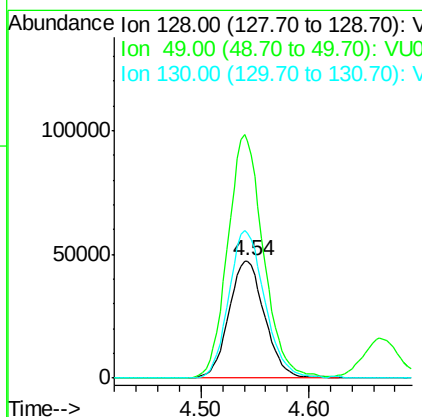
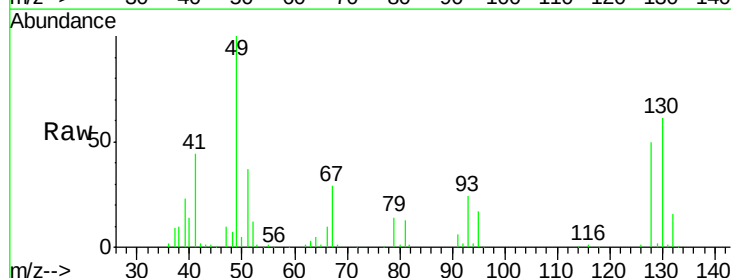
MMdadoda
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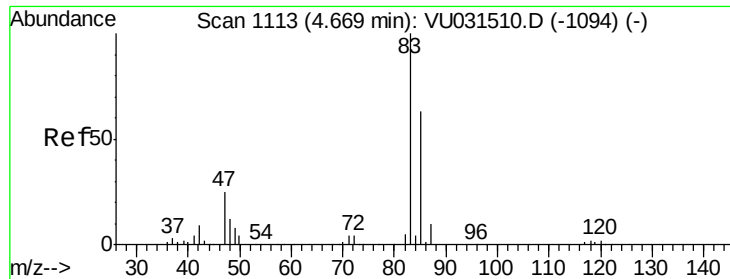


#26

Bromochloromethane
 Concen: 9.637 ug/l
 RT: 4.54 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VU031518.D
 Acq: 26 Apr 2019 02:04

Tgt Ion	Ratio	Lower	Upper
128	100		
49	206.4	0.0	407.2
130	126.3	101.4	152.2





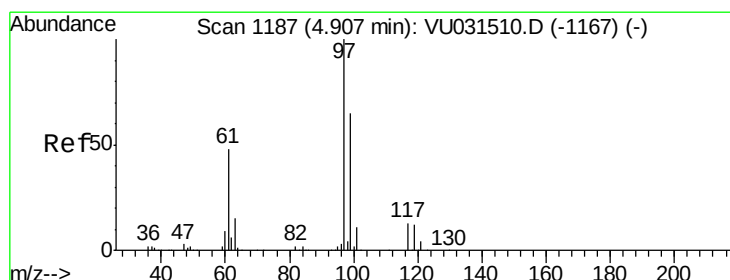
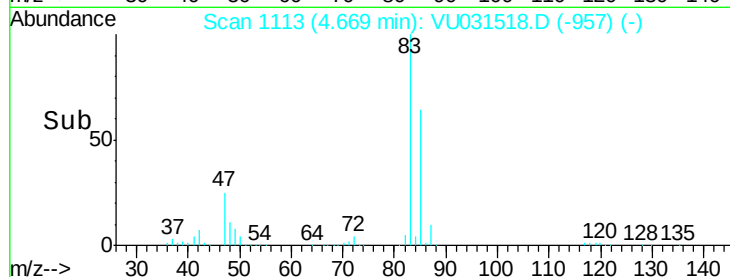
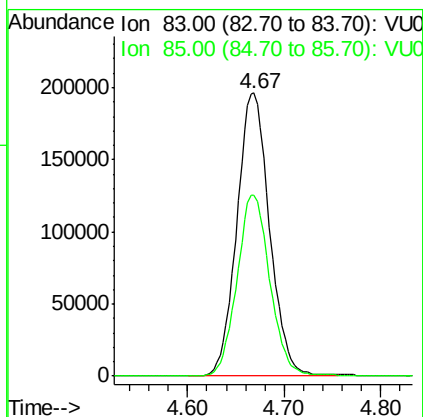
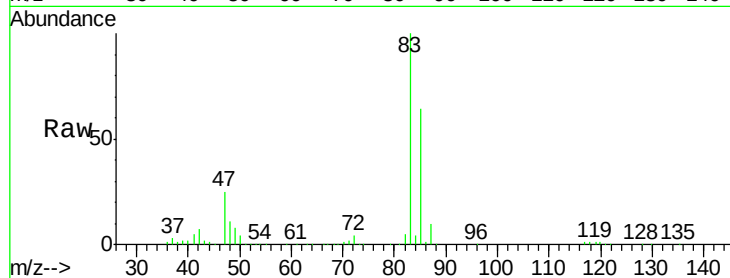
#27
Chloroform
Concen: 9.470 ug/l
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU031518.D
Acq: 26 Apr 2019 02:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	461155		
85	64.1	0.0	126.2	

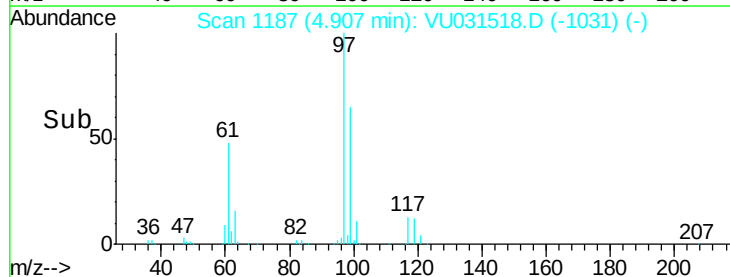
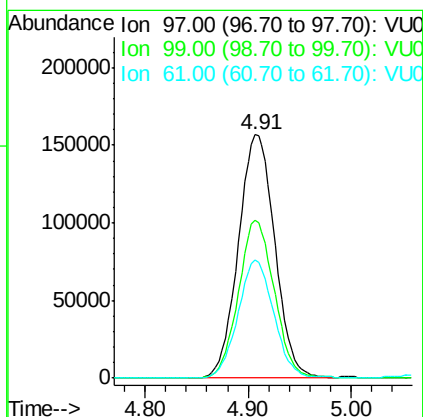
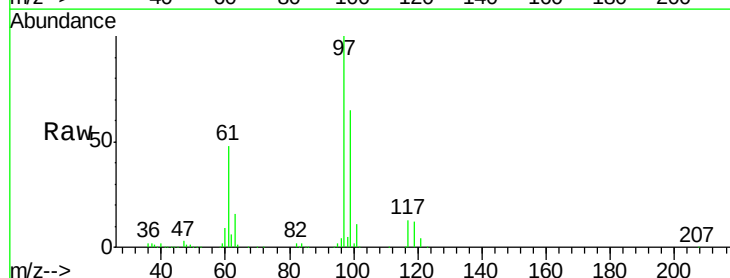
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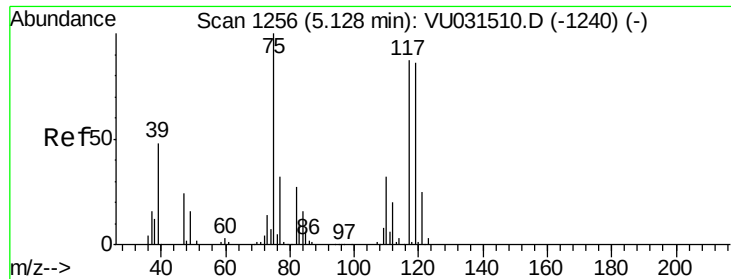
MMdadoda
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#28
1,1,1-Trichloroethane
Concen: 9.399 ug/l
RT: 4.91 min Scan# 1187
Delta R.T. 0.00 min
Lab File: VU031518.D
Acq: 26 Apr 2019 02:04

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	385493		
99	63.8	32.0	96.2	
61	47.4	24.0	72.0	





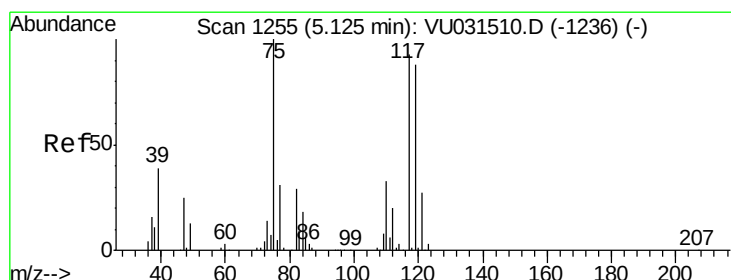
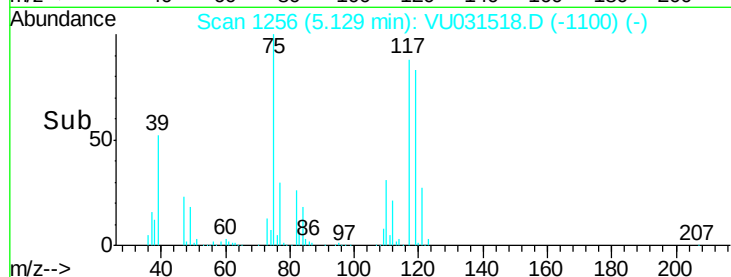
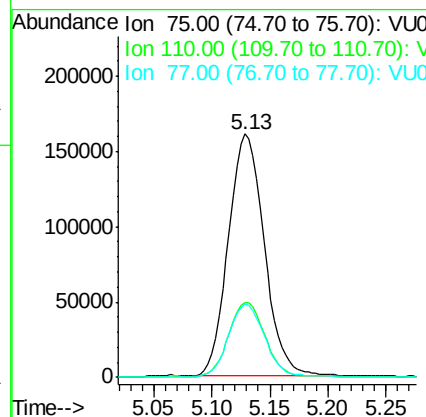
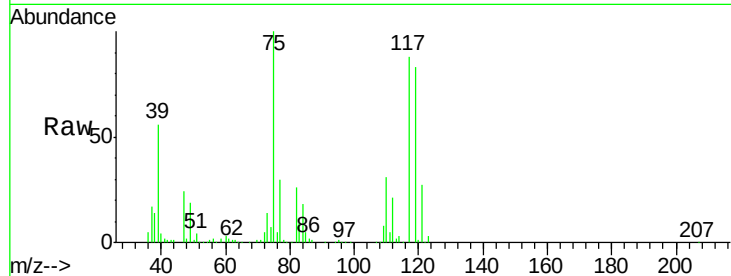
#29
 1,1-Dichloropropene
 Concen: 10.383 ug/l
 RT: 5.13 min Scan# 1256
 Delta R.T. 0.00 min
 Lab File: VU031518.D
 Acq: 26 Apr 2019 02:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
75	100		
110	32.2	16.4	49.1
77	30.4	25.0	37.6

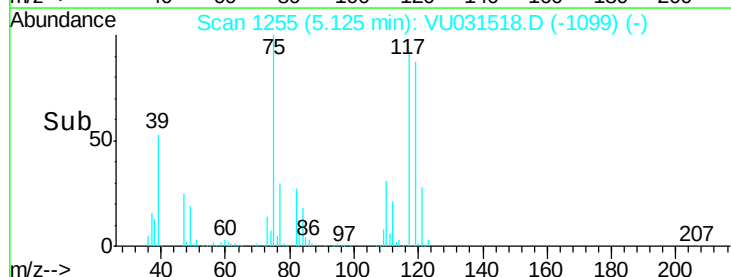
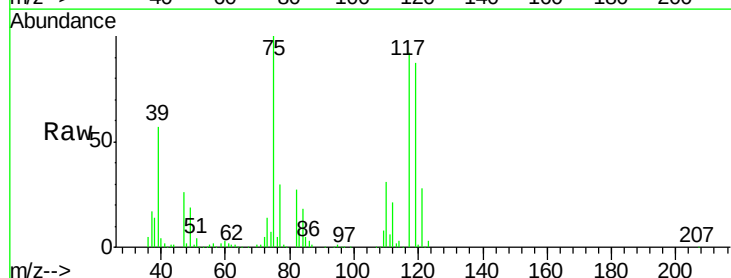
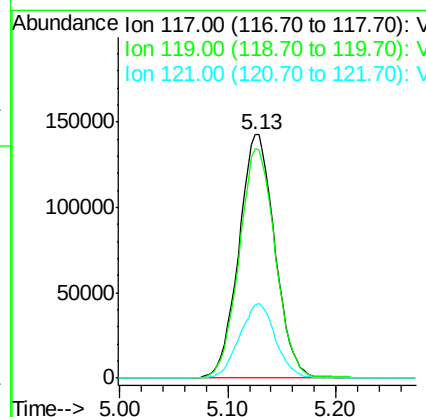
Manual Integrations
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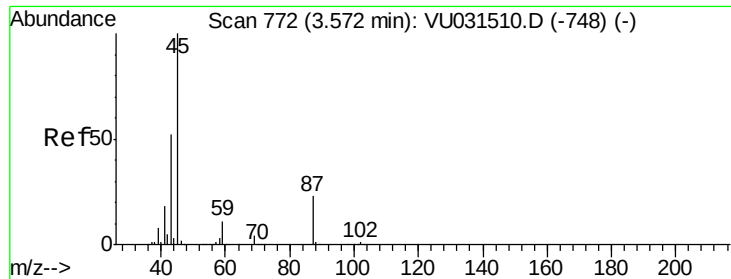
MMdadoda
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#30
 Carbon Tetrachloride
 Concen: 9.483 ug/l
 RT: 5.13 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: VU031518.D
 Acq: 26 Apr 2019 02:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	76.1	114.1
121	30.2	23.3	34.9





#31

Isopropyl Ether

Concen: 9.912 ug/l

RT: 3.57 min Scan# 771

Delta R.T. -0.00 min

Lab File: VU031518.D

Acq: 26 Apr 2019 02:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 45 Resp: 779752

Ion Ratio Lower Upper

45 100

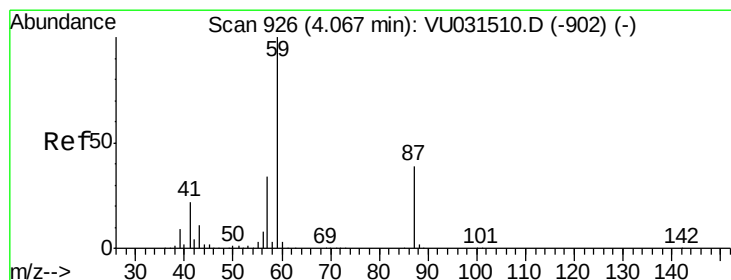
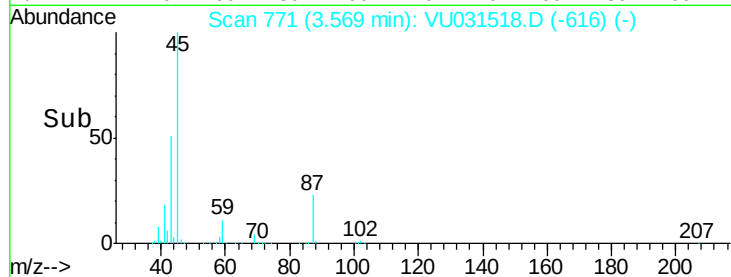
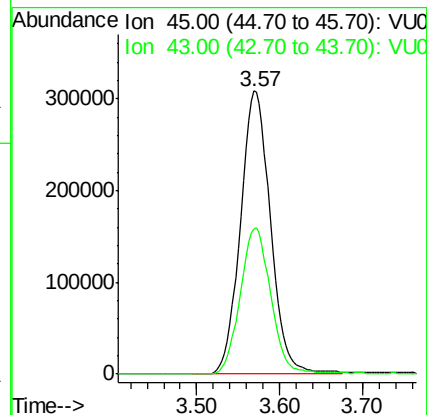
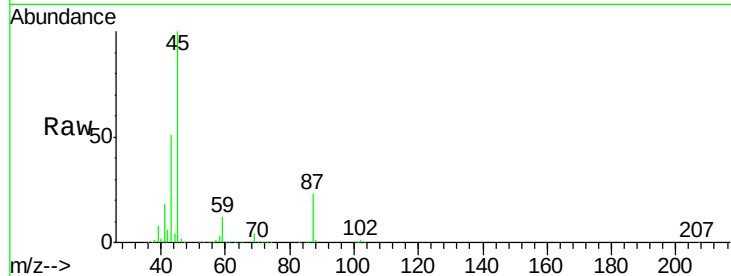
43 52.5 26.0 78.0

Manual Integrations

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#32

Ethyl-t-butyl ether

Concen: 10.248 ug/l

RT: 4.07 min Scan# 926

Delta R.T. 0.00 min

Lab File: VU031518.D

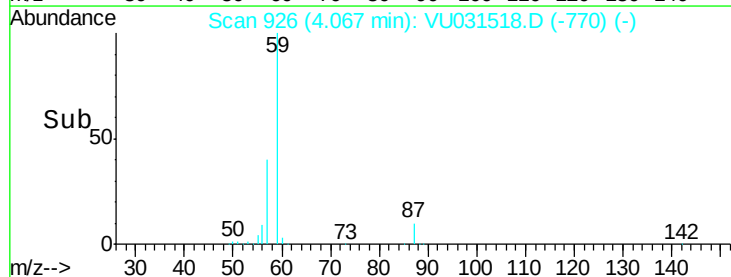
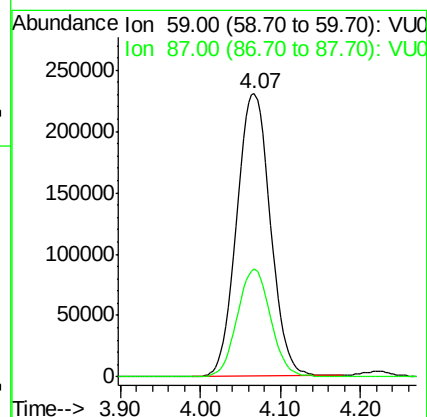
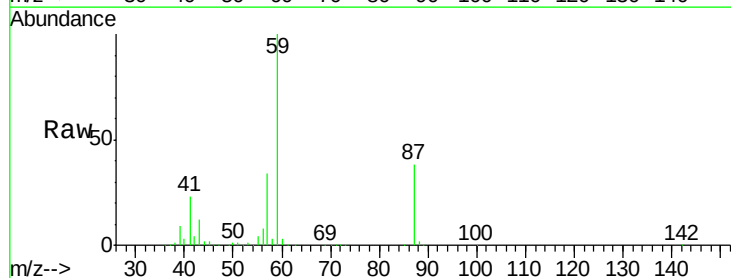
Acq: 26 Apr 2019 02:04

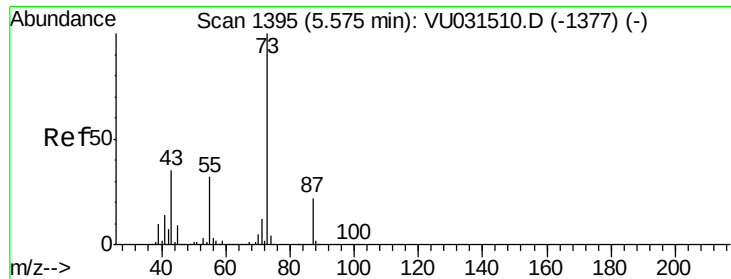
Tgt Ion: 59 Resp: 654486

Ion Ratio Lower Upper

59 100

87 37.4 29.9 44.9





#33

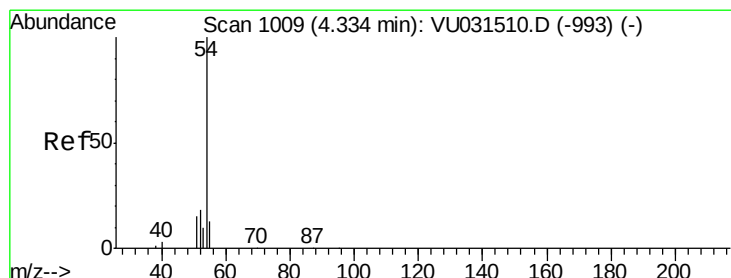
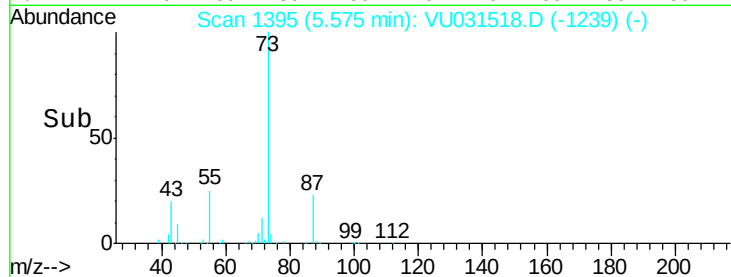
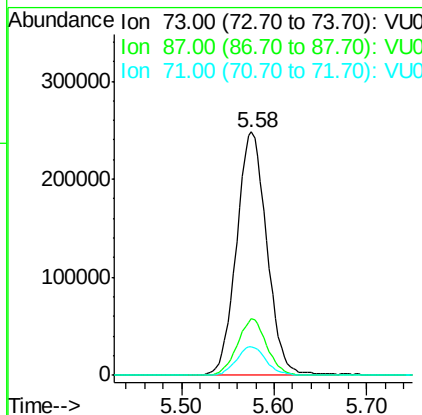
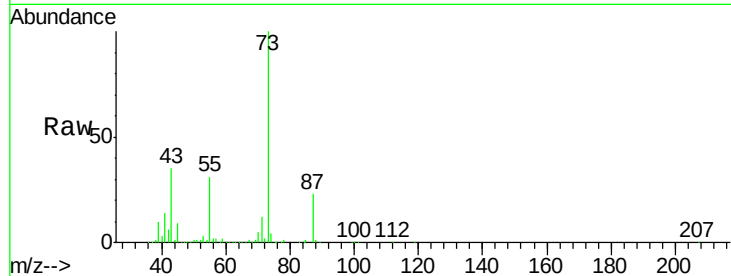
Tert-Butyl methyl ether
 Concen: 10.975 ug/l
 RT: 5.58 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: VU031518.D
 Acq: 26 Apr 2019 02:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
73	100		
87	22.4	18.2	27.2
71	11.5	9.0	13.6

Manual Integrations
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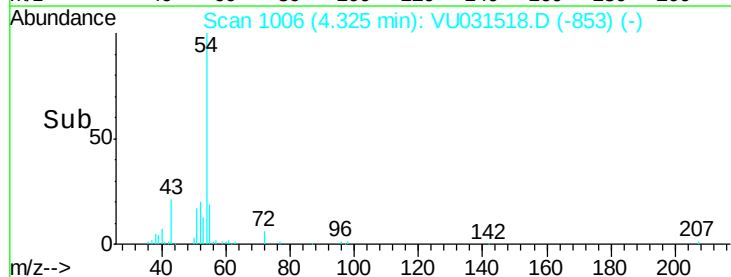
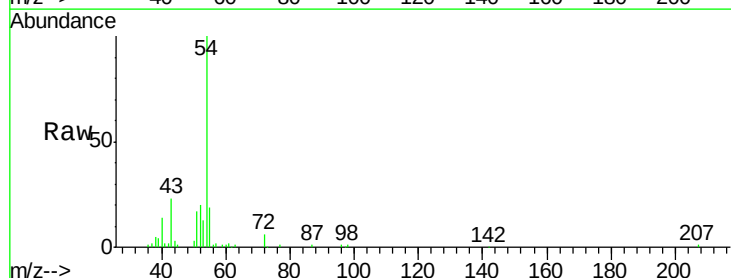
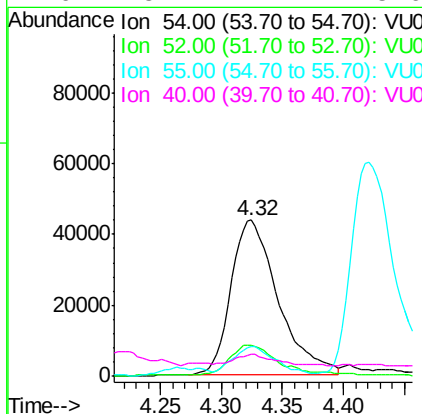
MMdadoda
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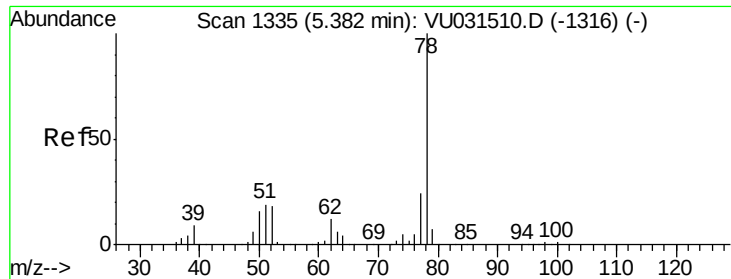


#34

Propionitrile
 Concen: 53.566 ug/l
 RT: 4.32 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: VU031518.D
 Acq: 26 Apr 2019 02:04

Tgt Ion	Ratio	Lower	Upper
54	100		
52	18.5	15.0	22.4
55	14.4	13.5	20.3
40	5.4	2.4	3.6





#35

Benzene

Concen: 10.084 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VU031518.D

Acq: 26 Apr 2019 02:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 78 Resp: 1024391

Ion Ratio Lower Upper

78 100

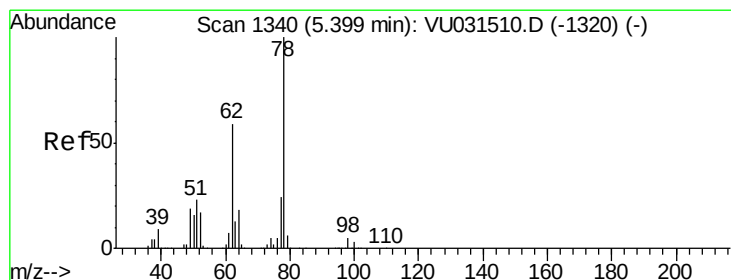
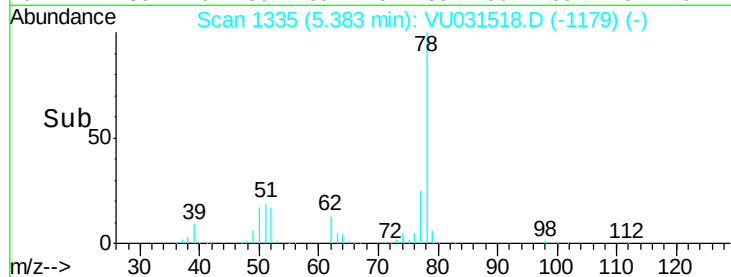
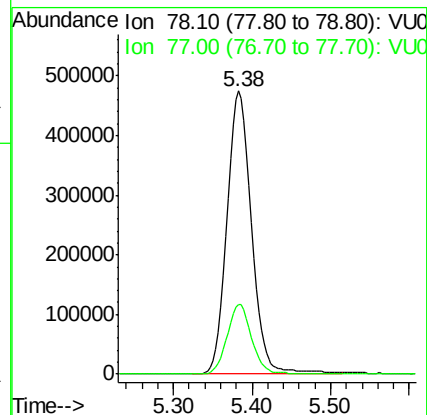
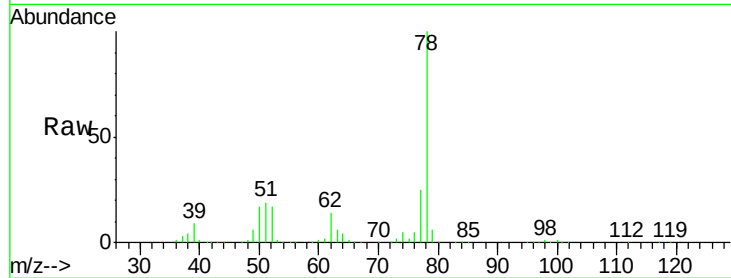
77 24.6 19.2 28.8

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#36

1,2-Dichloroethane

Concen: 9.828 ug/l

RT: 5.40 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VU031518.D

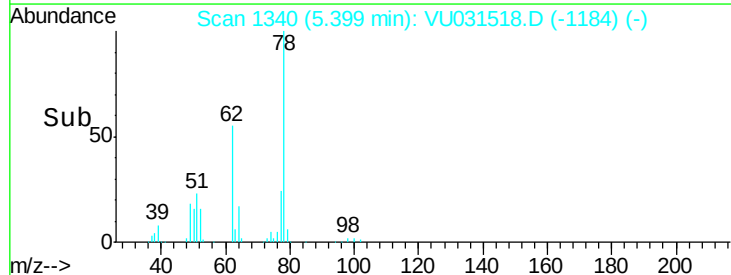
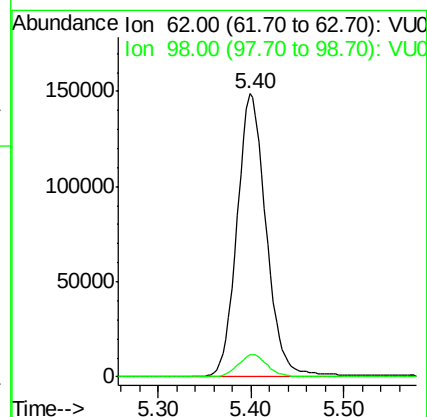
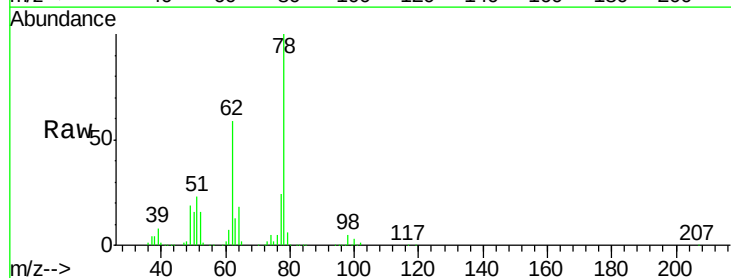
Acq: 26 Apr 2019 02:04

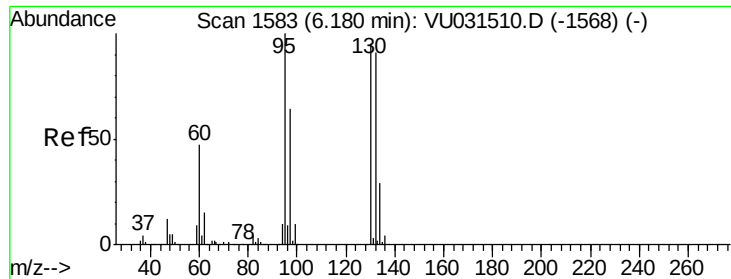
Tgt Ion: 62 Resp: 325328

Ion Ratio Lower Upper

62 100

98 7.9 6.7 10.1





#37

Trichloroethene

Concen: 9.494 ug/l

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU031518.D

Acq: 26 Apr 2019 02:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion:130 Resp: 235970

Ion Ratio Lower Upper

130 100

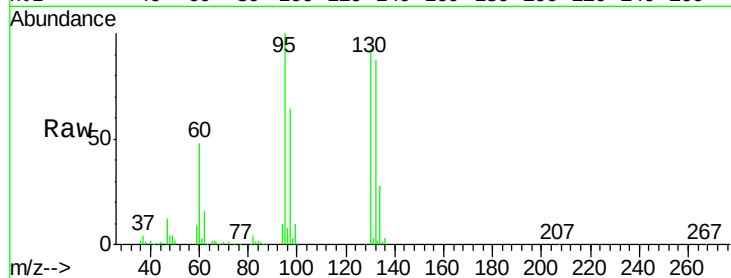
95 107.1 83.8 125.8

Manual Integrations

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Abundance Ion 129.90 (129.60 to 130.60): VU031518.D (-1427) (-)

Ion 94.90 (94.60 to 95.60): VU031518.D (-1427) (-)

6.18

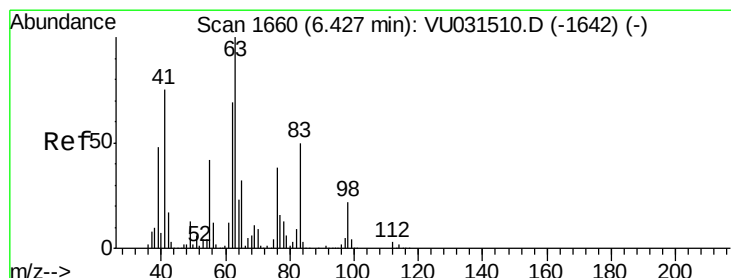
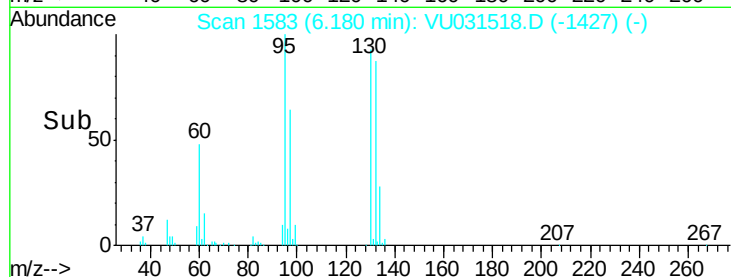
150000

100000

50000

0

Time-->



#38

1,2-Dichloropropane

Concen: 9.881 ug/l

RT: 6.43 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VU031518.D

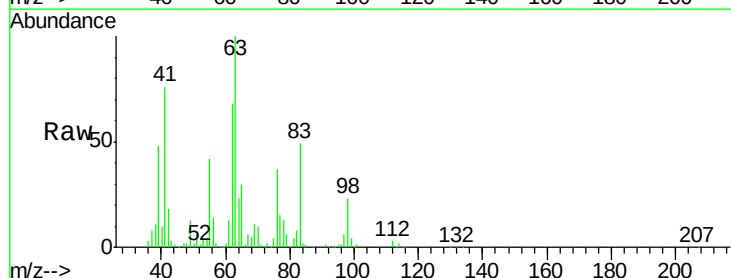
Acq: 26 Apr 2019 02:04

Tgt Ion: 63 Resp: 283593

Ion Ratio Lower Upper

63 100

65 29.5 25.3 37.9



Abundance Ion 63.00 (62.70 to 63.70): VU031518.D (-1504) (-)

Ion 65.00 (64.70 to 65.70): VU031518.D (-1504) (-)

6.43

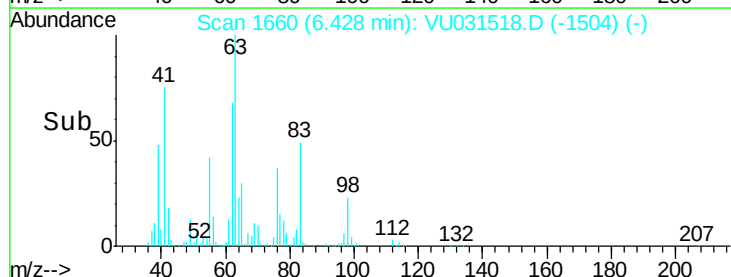
150000

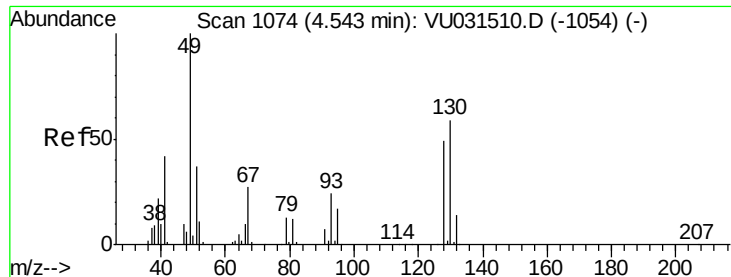
100000

50000

0

Time-->





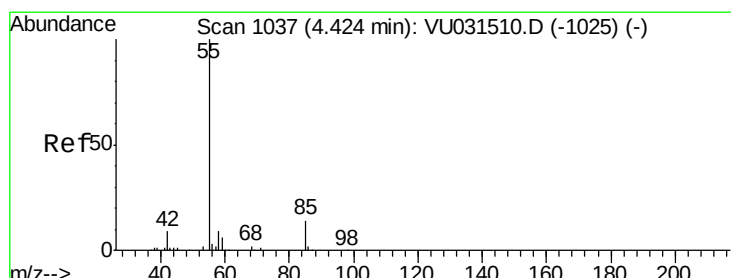
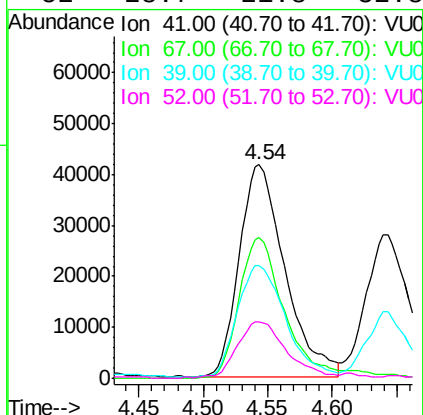
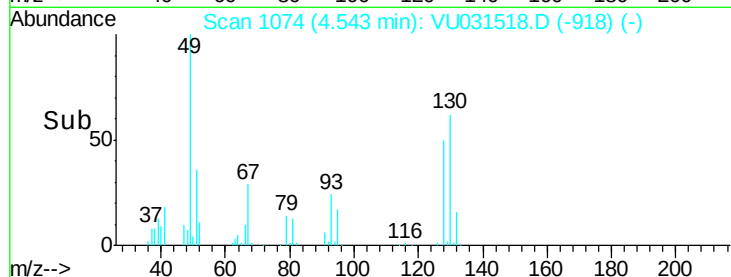
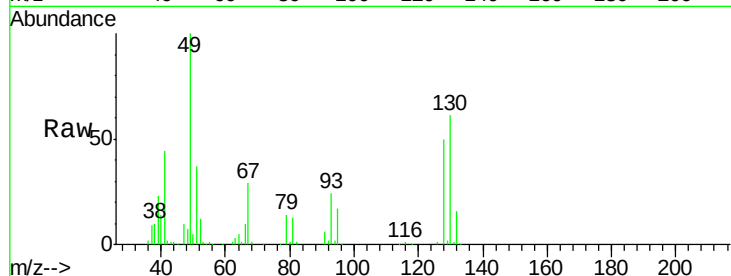
#39
Methacrylonitrile
Concen: 11.270 ug/l
RT: 4.54 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VU031518.D
Acq: 26 Apr 2019 02:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	41	Resp	103012
Ion	Ratio	Lower	Upper
41	100		
67	65.0	54.2	81.4
39	54.9	43.8	65.8
52	28.7	21.8	32.8

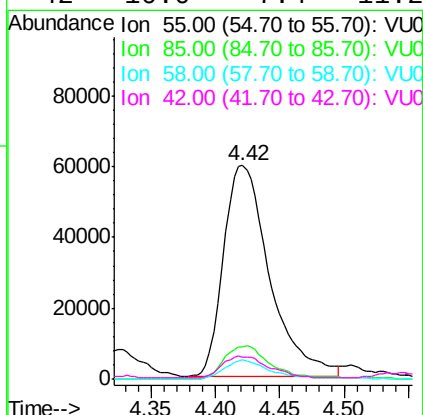
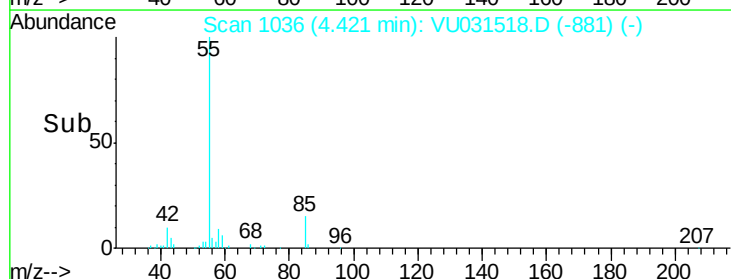
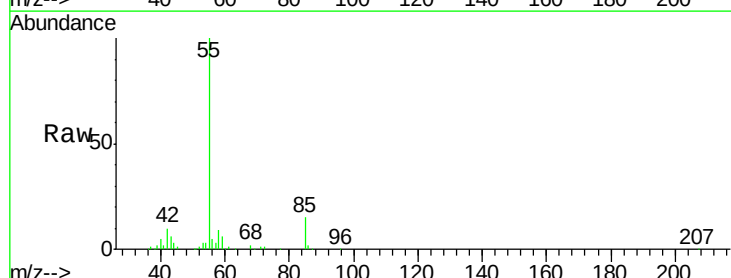
Manual Integrations
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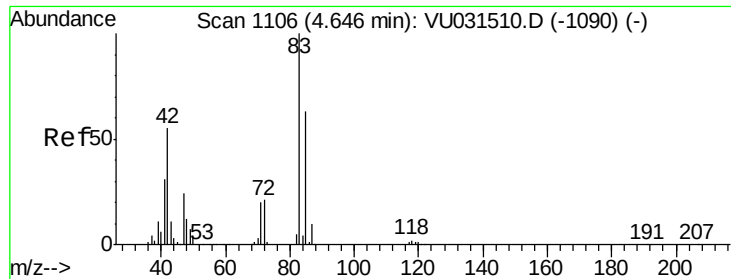
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#40
Methyl acrylate
Concen: 10.235 ug/l
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VU031518.D
Acq: 26 Apr 2019 02:04

Tgt Ion	55	Resp	146994
Ion	Ratio	Lower	Upper
55	100		
85	16.0	11.5	17.3
58	8.7	6.5	9.7
42	10.0	7.4	11.2





#41

Tetrahydrofuran

Concen: 21.778 ug/l

RT: 4.64 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VU031518.D

Acq: 26 Apr 2019 02:04

Instrument :

MSVOA_U

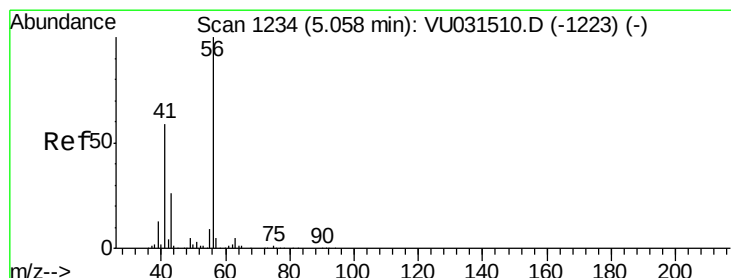
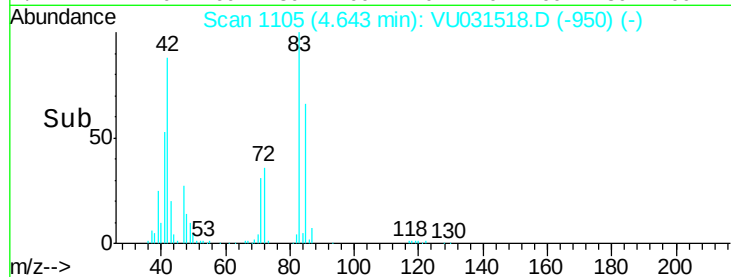
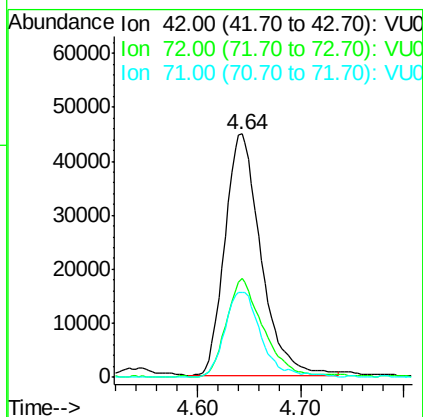
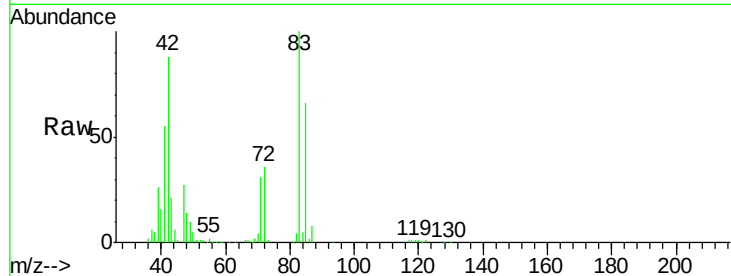
ClientSampleId :

VSTDCCC010EC

Tot Ion:	42	Resp:	109075
Ion	Ratio	Lower	Upper
42	100		
72	41.9	32.1	48.1
71	35.1	29.2	43.8

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#42

1-Chlorobutane

Concen: 10.301 ug/l

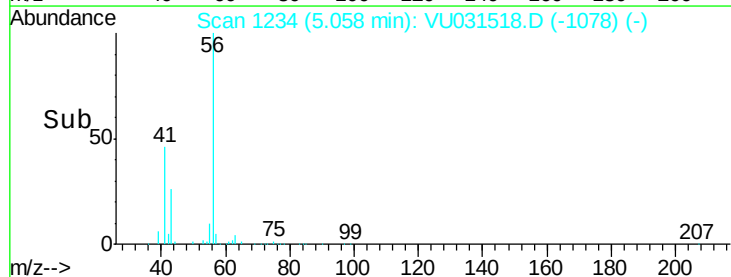
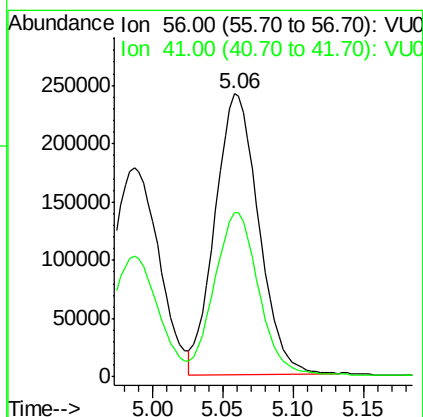
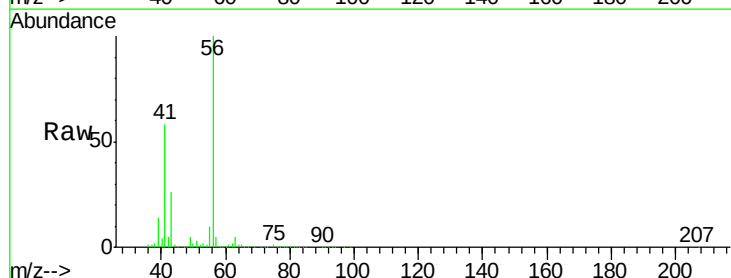
RT: 5.06 min Scan# 1234

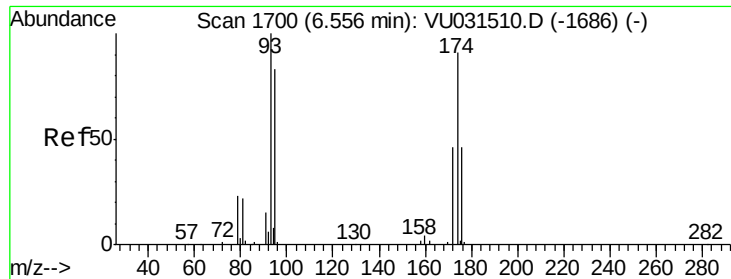
Delta R.T. 0.00 min

Lab File: VU031518.D

Acq: 26 Apr 2019 02:04

Tgt Ion:	56	Resp:	519093
Ion	Ratio	Lower	Upper
56	100		
41	59.2	29.3	88.0





#43

Dibromomethane

Concen: 9.544 ug/l

RT: 6.56 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VU031518.D

Acq: 26 Apr 2019 02:04

Instrument :

MSVOA_U

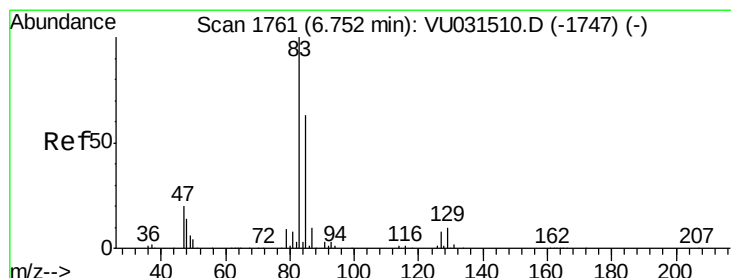
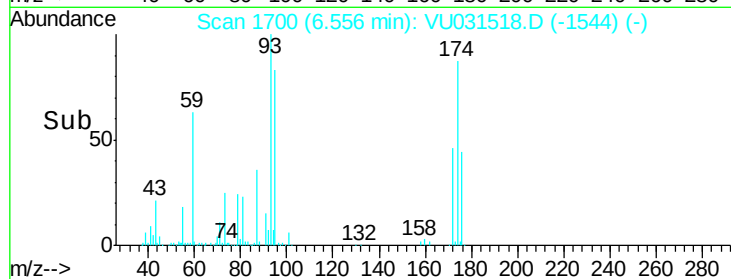
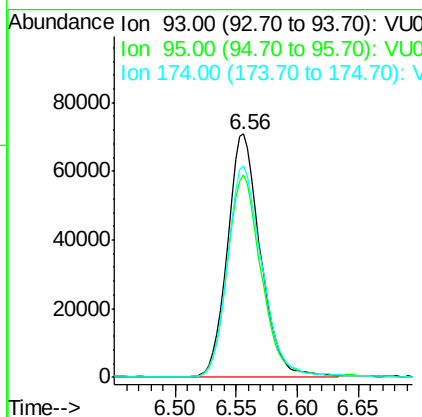
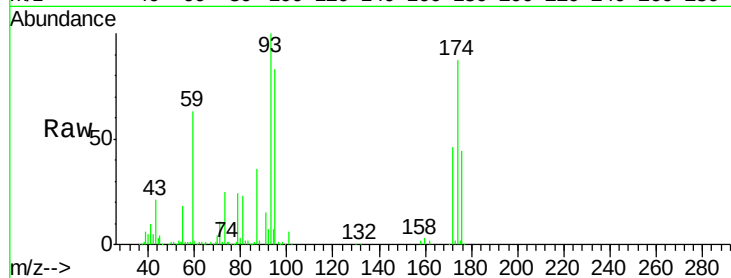
ClientSampleId :

VSTDCCC010EC

Tot Ion:	93	Resp:	134605
Ion	Ratio	Lower	Upper
93	100		
95	84.4	65.7	98.5
174	90.0	71.8	107.8

Manual Integrations
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#44

Bromodichloromethane

Concen: 9.661 ug/l

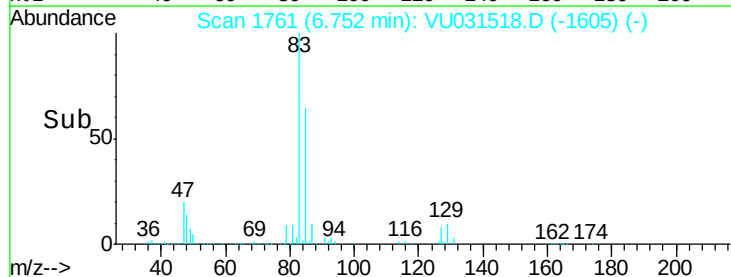
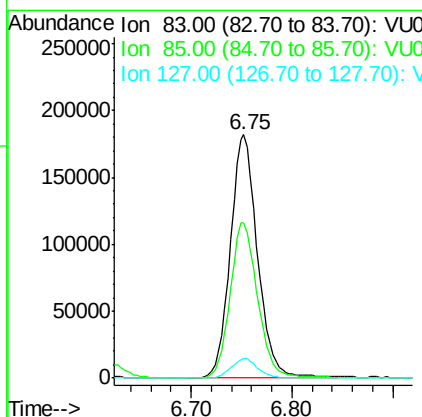
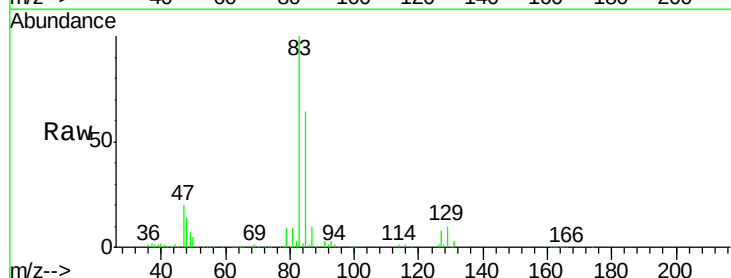
RT: 6.75 min Scan# 1761

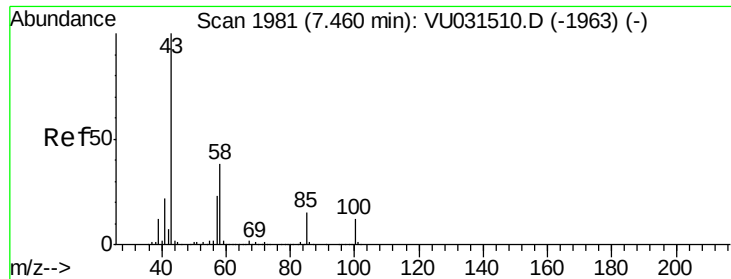
Delta R.T. 0.00 min

Lab File: VU031518.D

Acq: 26 Apr 2019 02:04

Tgt Ion:	83	Resp:	338569
Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.3	75.5
127	8.1	6.6	9.8





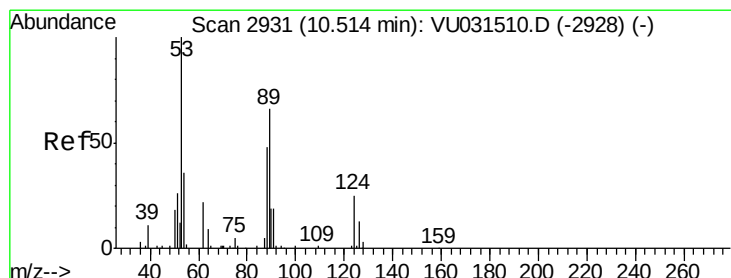
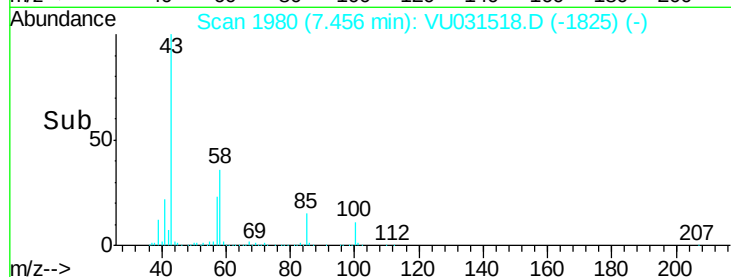
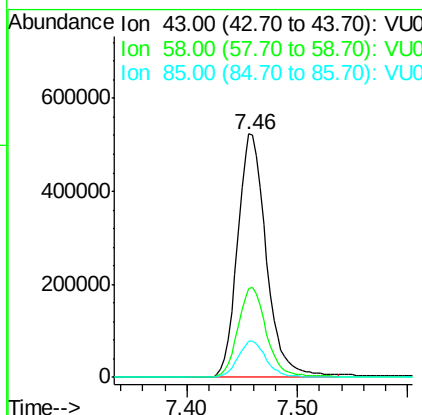
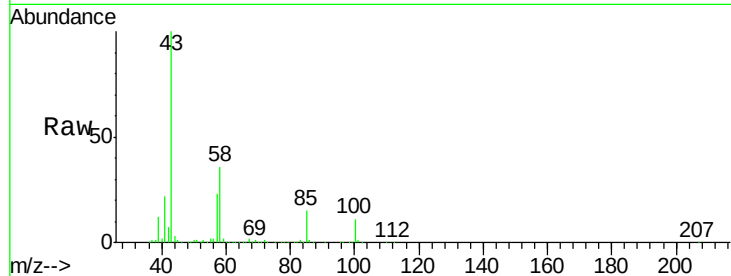
#45
4-Methyl-2-Pentanone
Concen: 56.050 ug/l
RT: 7.46 min Scan# 1980
Delta R.T. -0.00 min
Lab File: VU031518.D
Acq: 26 Apr 2019 02:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	36.8	18.7	56.1
85	14.6	12.1	18.1

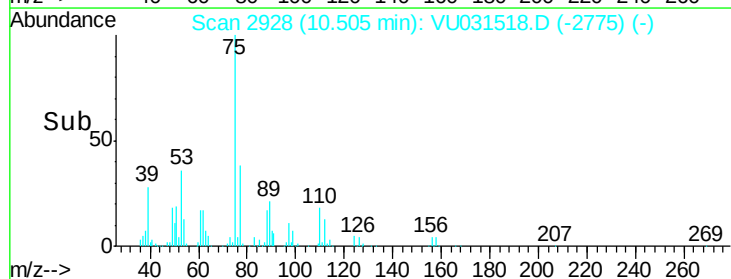
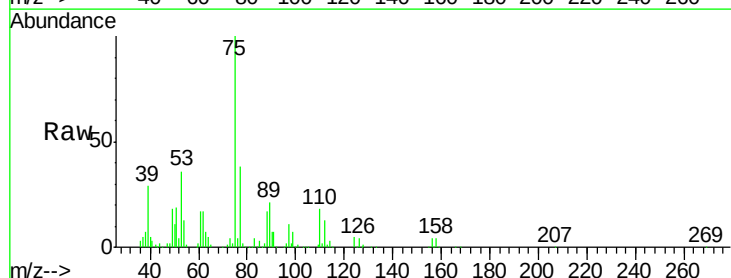
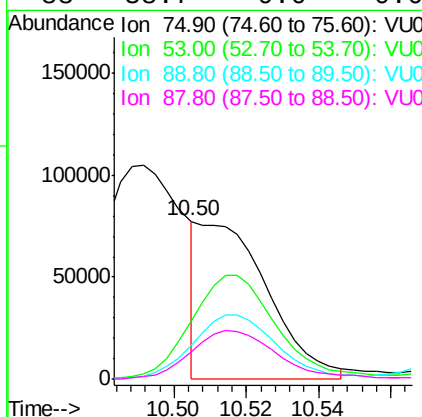
Manual Integrations
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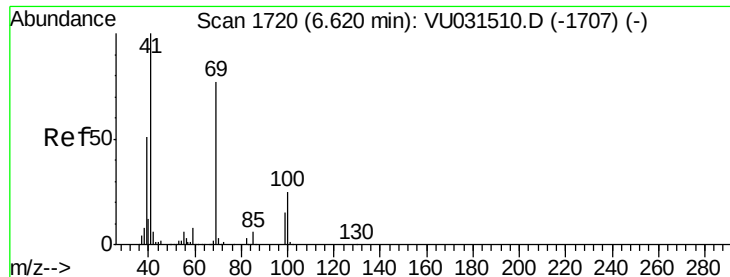
MMDadoda
4/26/2019 12:23:23 PM



#46
t-1,4-Dichloro-2-butene
Concen: 19.826 ug/l m
RT: 10.50 min Scan# 2928
Delta R.T. -0.01 min
Lab File: VU031518.D
Acq: 26 Apr 2019 02:04

Tgt Ion	Ratio	Lower	Upper
75	100		
53	82.2	63.8	95.8
89	50.0	38.6	57.8
88	38.7	0.0	0.0#





#47

Methvl methacrylate

Concen: 23.399 ug/l

RT: 6.62 min Scan# 1720

Delta R.T. 0.00 min

Lab File: VU031518.D

Acq: 26 Apr 2019 02:04

Instrument :

MSVOA_U

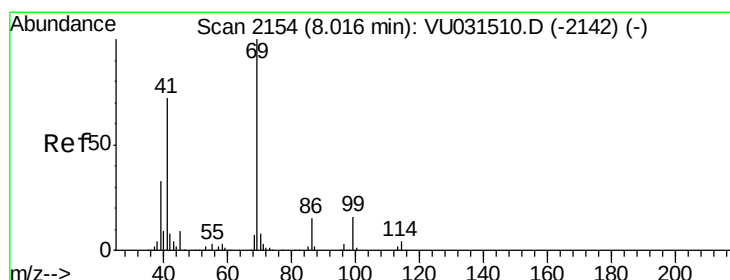
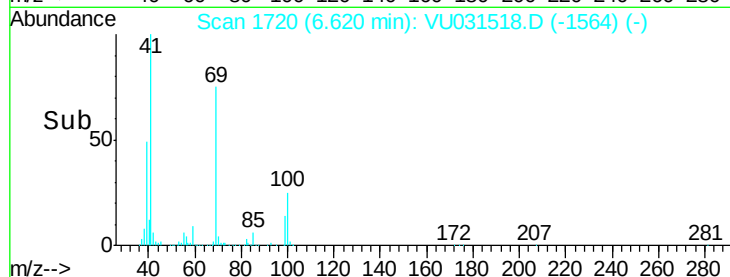
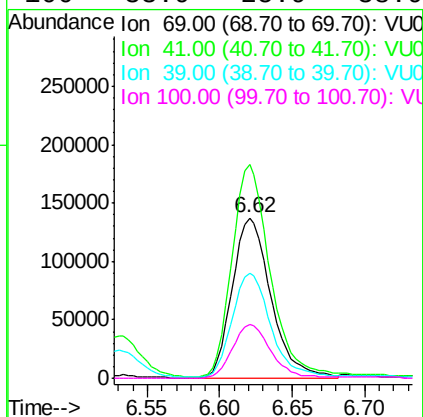
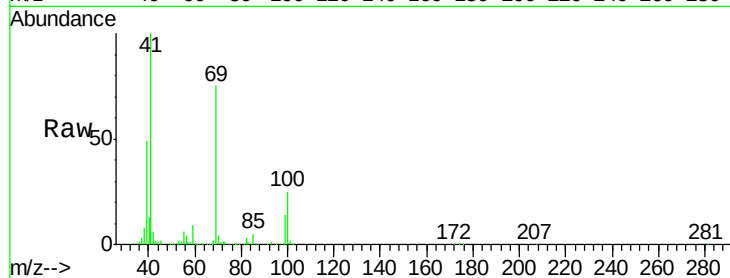
ClientSampleId :

VSTDCCC010EC

Tot Ion:	69	Resp:	255002
Ion	Ratio	Lower	Upper
69	100		
41	131.9	0.0	256.4
39	64.0	52.2	78.4
100	33.9	25.9	38.9

Manual Integrations
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#48

Ethyl methacrylate

Concen: 11.751 ug/l

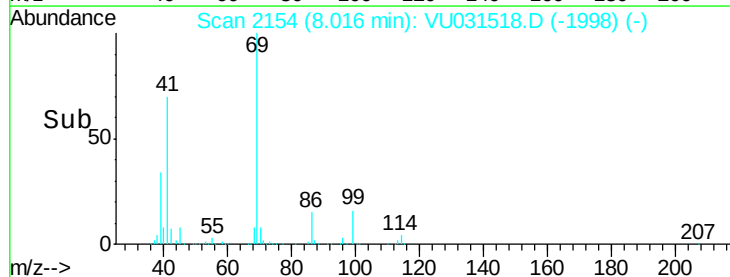
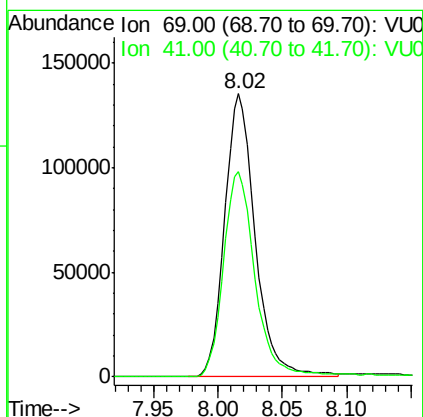
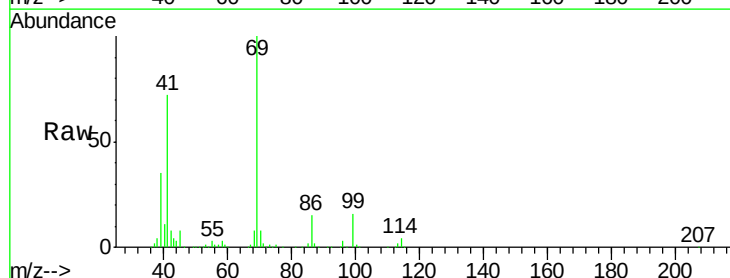
RT: 8.02 min Scan# 2154

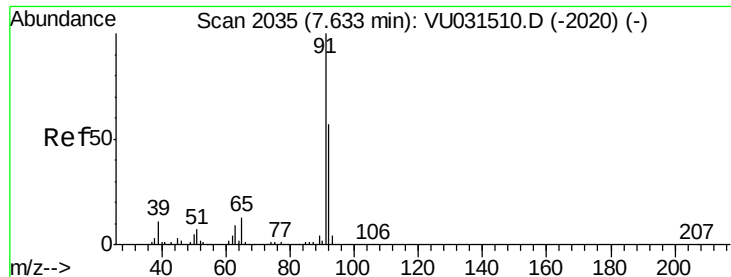
Delta R.T. 0.00 min

Lab File: VU031518.D

Acq: 26 Apr 2019 02:04

Tgt Ion:	69	Resp:	222860
Ion	Ratio	Lower	Upper
69	100		
41	74.3	35.5	106.5





#49

Toluene

Concen: 11.057 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU031518.D

Acq: 26 Apr 2019 02:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 92 Resp: 583956

Ion Ratio Lower Upper

92 100

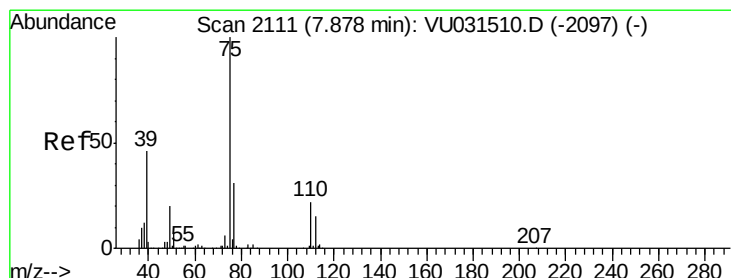
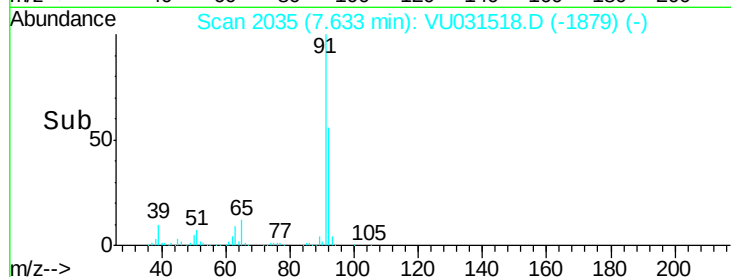
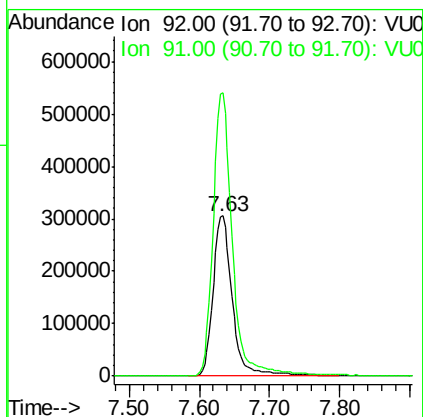
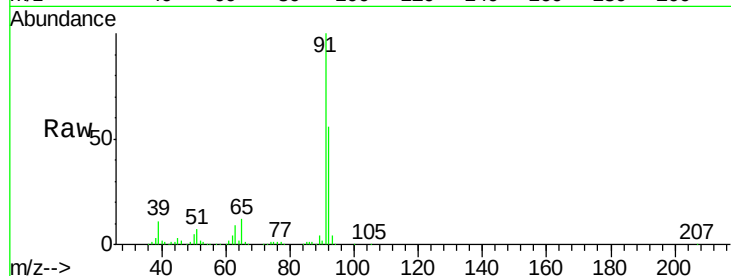
91 176.1 142.0 213.0

Manual Integrations

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#50

t-1,3-Dichloropropene

Concen: 10.288 ug/l

RT: 7.87 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VU031518.D

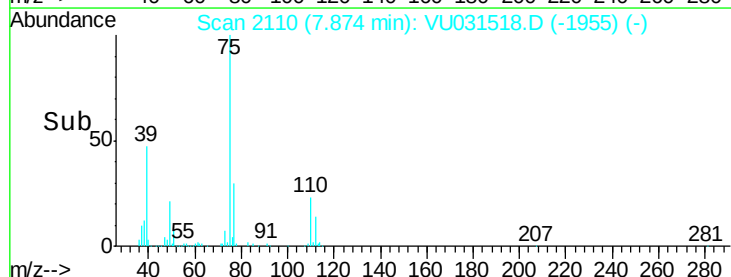
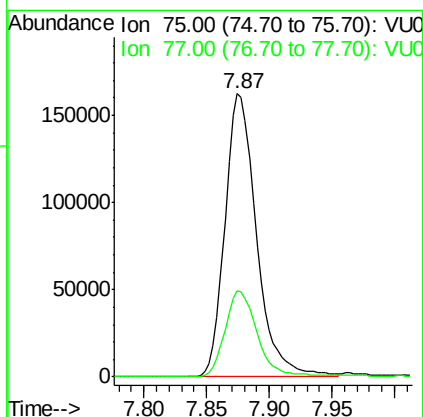
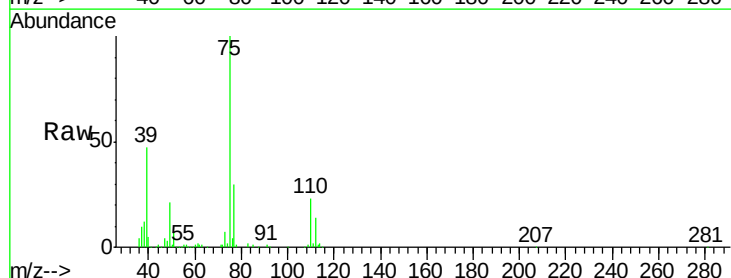
Acq: 26 Apr 2019 02:04

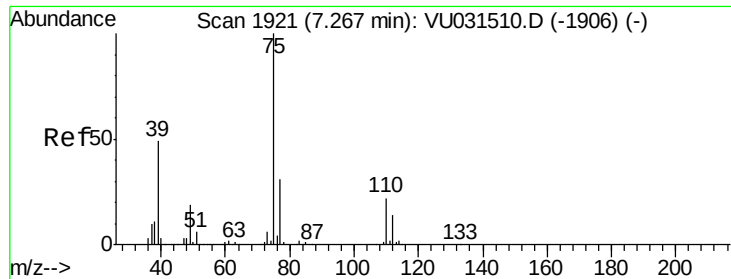
Tgt Ion: 75 Resp: 284032

Ion Ratio Lower Upper

75 100

77 30.2 25.0 37.4





#51

cis-1,3-Dichloropropene

Concen: 10.127 ug/l

RT: 7.26 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VU031518.D

Acq: 26 Apr 2019 02:04

Instrument :

MSVOA_U

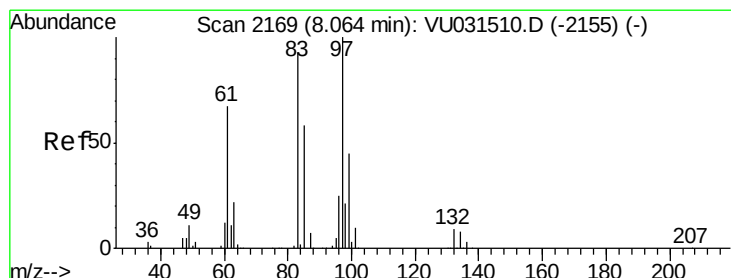
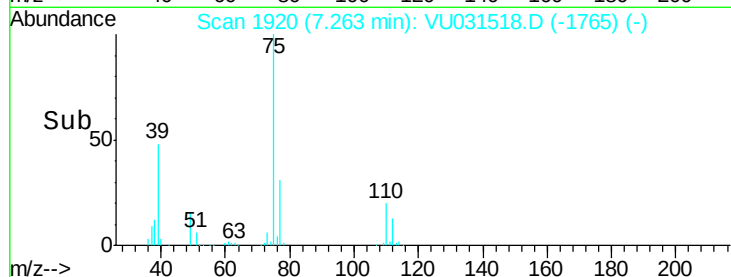
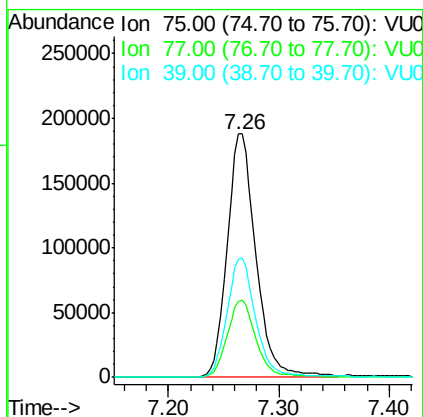
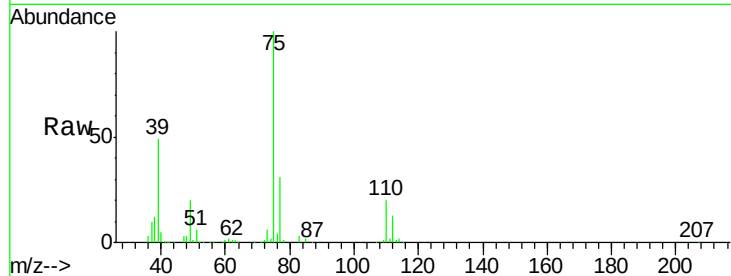
ClientSampleId :

VSTDCCC010EC

Tot Ion:	75	Resp:	340576
Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.0	37.4
39	48.5	39.0	58.6

Manual Integrations
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#52

1,1,2-Trichloroethane

Concen: 9.917 ug/l

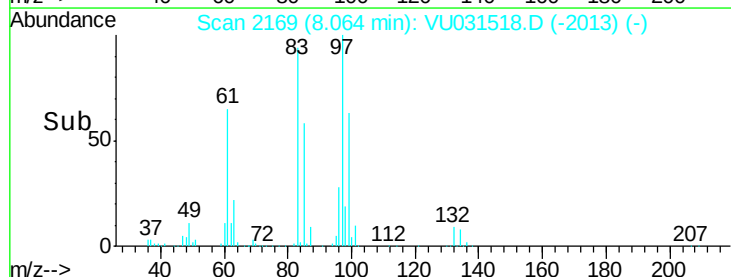
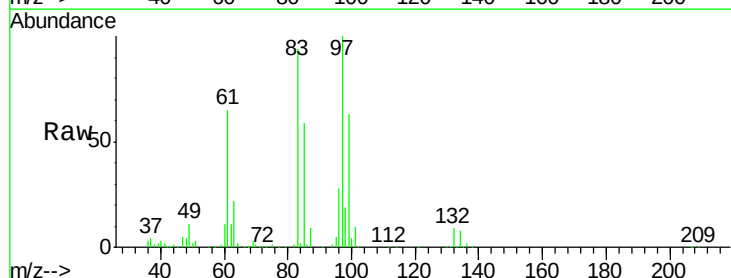
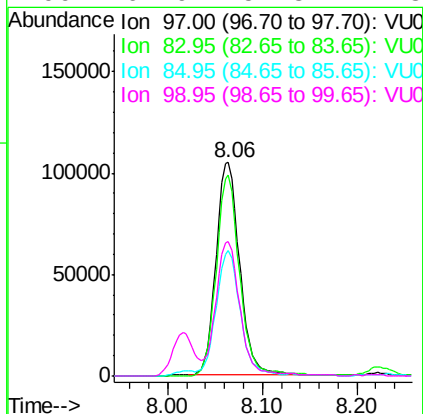
RT: 8.06 min Scan# 2169

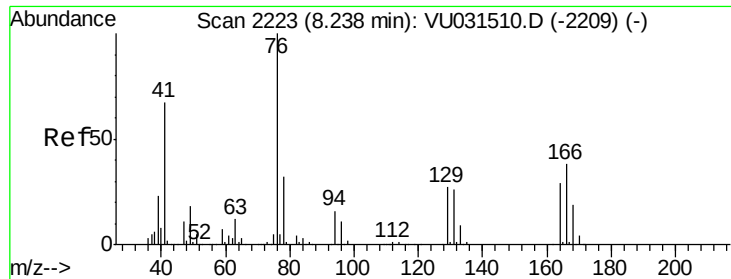
Delta R.T. 0.00 min

Lab File: VU031518.D

Acq: 26 Apr 2019 02:04

Tgt Ion:	97	Resp:	182558
Ion	Ratio	Lower	Upper
97	100		
83	94.1	74.8	112.2
85	58.6	48.3	72.5
99	62.9	51.8	77.8





#53

1,3-Dichloropropane

Concen: 10.192 ug/l

RT: 8.24 min Scan# 2223

Delta R.T. 0.00 min

Lab File: VU031518.D

Acq: 26 Apr 2019 02:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 76 Resp: 329037

Ion Ratio Lower Upper

76 100

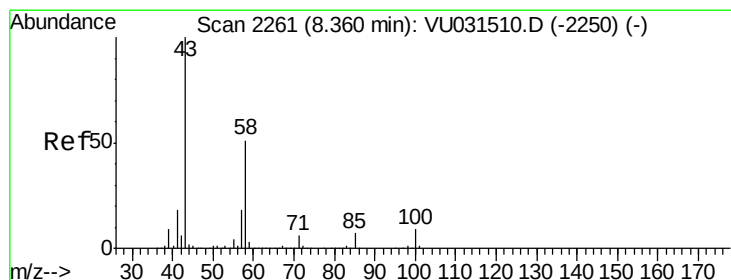
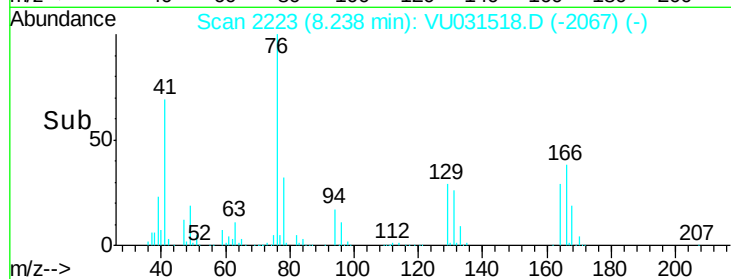
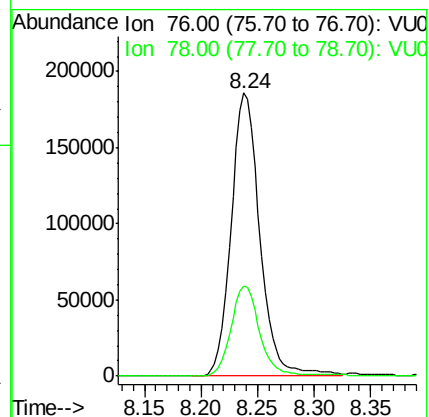
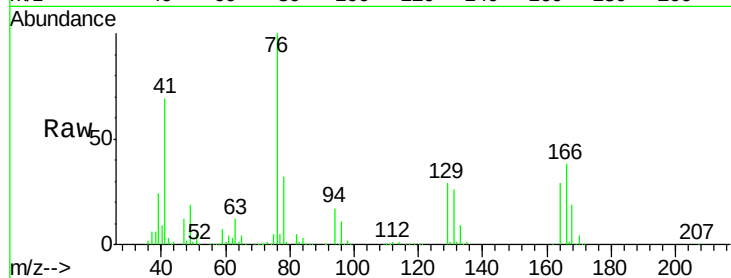
78 31.8 25.7 38.5

Manual Integrations

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#54

2-Hexanone

Concen: 57.634 ug/l

RT: 8.36 min Scan# 2261

Delta R.T. 0.00 min

Lab File: VU031518.D

Acq: 26 Apr 2019 02:04

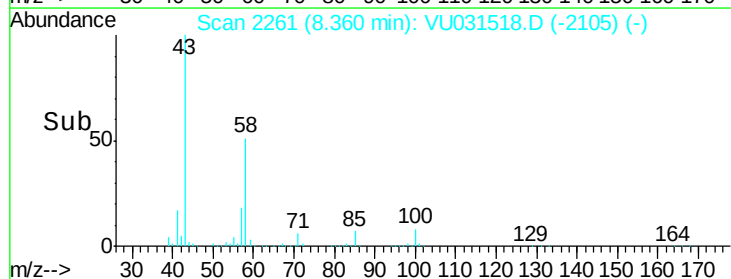
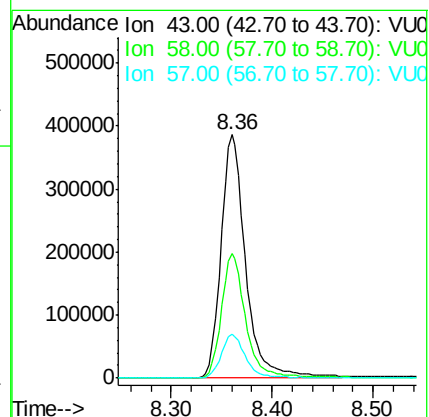
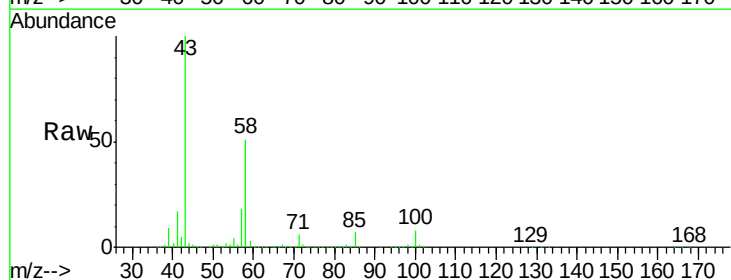
Tgt Ion: 43 Resp: 656014

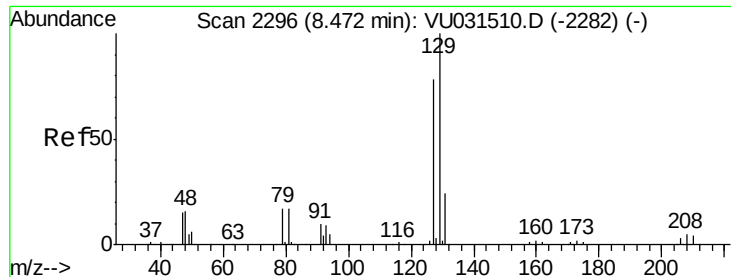
Ion Ratio Lower Upper

43 100

58 50.4 30.3 70.3

57 17.8 0.0 37.8





#55

Dibromochloromethane

Concen: 10.119 ug/l

RT: 8.47 min Scan# 2296

Delta R.T. 0.00 min

Lab File: VU031518.D

Acq: 26 Apr 2019 02:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion:129 Resp: 210046

Ion Ratio Lower Upper

129 100

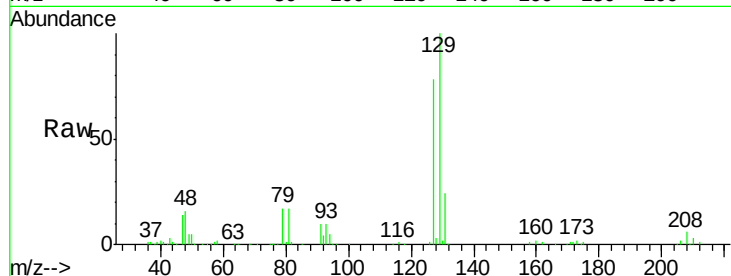
127 78.1 62.6 94.0

Manual Integrations

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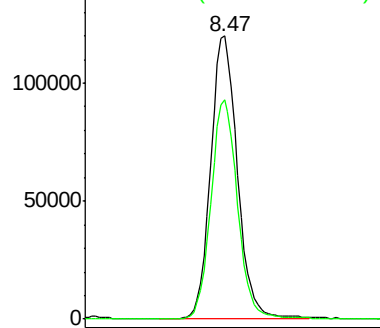
MMdadoda

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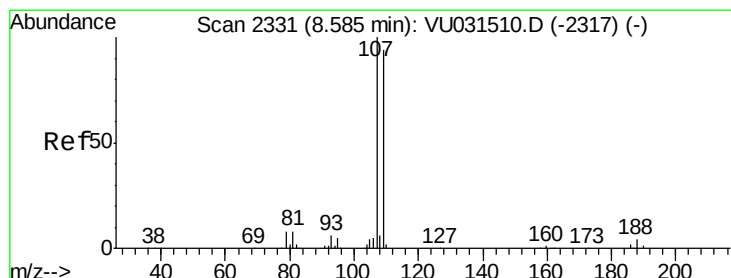
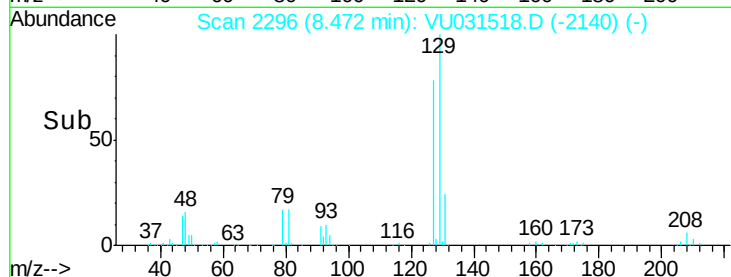


Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



Time-->



#56

1,2-Dibromoethane

Concen: 10.124 ug/l

RT: 8.58 min Scan# 2330

Delta R.T. -0.00 min

Lab File: VU031518.D

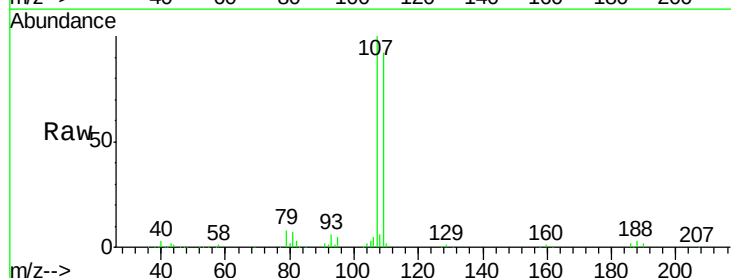
Acq: 26 Apr 2019 02:04

Tgt Ion:107 Resp: 166754

Ion Ratio Lower Upper

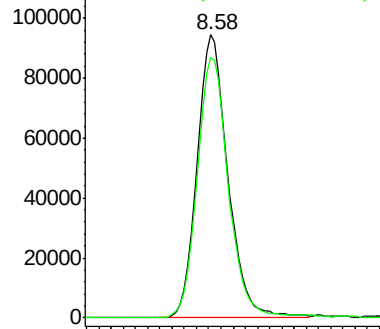
107 100

109 93.1 0.0 186.0

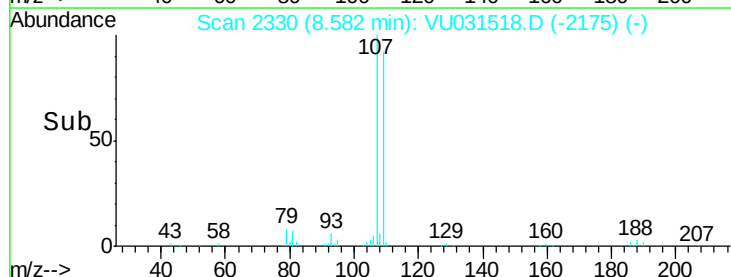


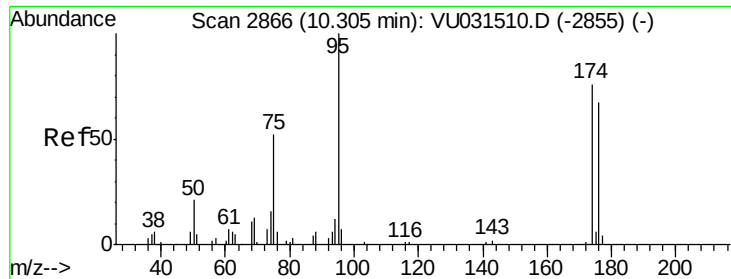
Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



Time-->





#57

4-Bromofluorobenzene

Concen: 1.022 ug/l

RT: 10.31 min Scan# 2867

Delta R.T. 0.00 min

Lab File: VU031518.D

Acq: 26 Apr 2019 02:04

Instrument :

MSVOA_U

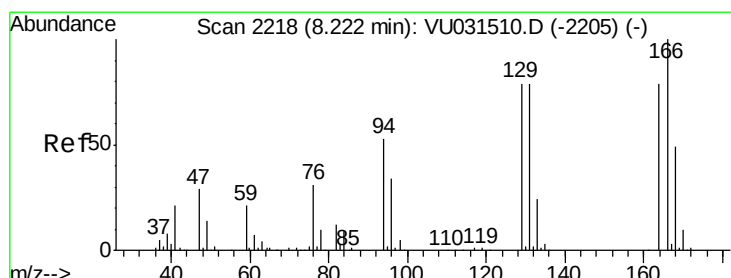
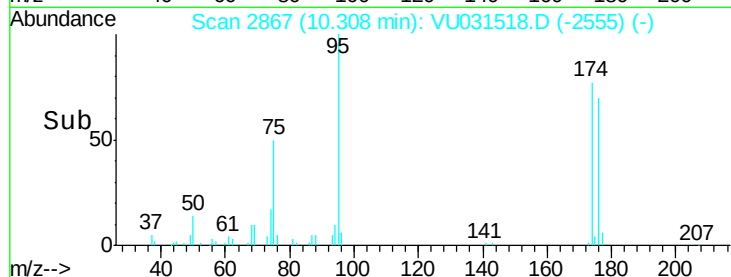
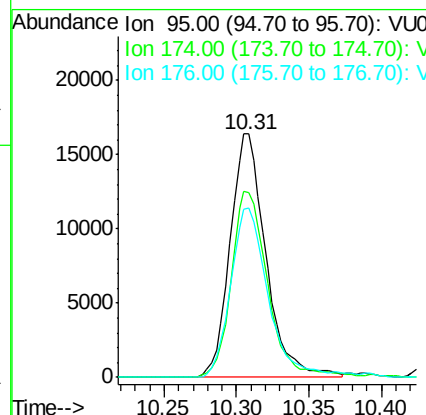
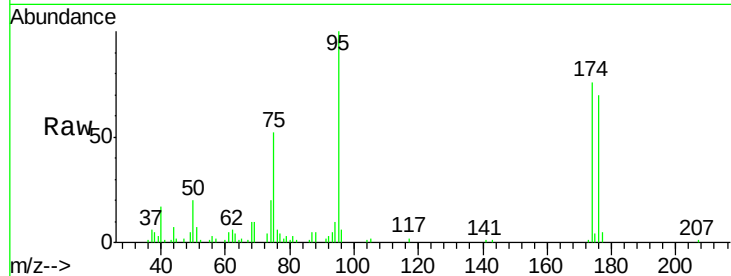
ClientSampleId :

VSTDCCC010EC

Tot Ion:	95	Resp:	28121
Ion Ratio	Lower	Upper	
95	100		
174	78.0	57.9	86.9
176	71.7	54.0	81.0

Manual Integrations
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#58

Tetrachloroethene

Concen: 9.665 ug/l

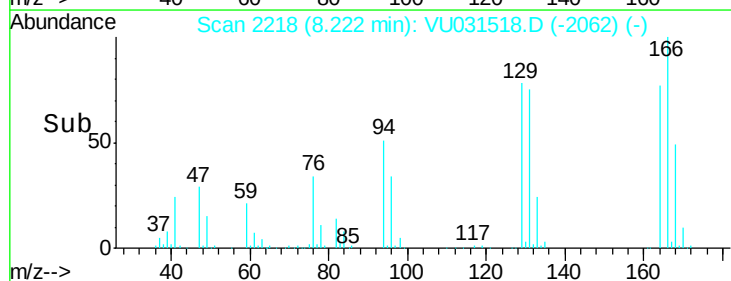
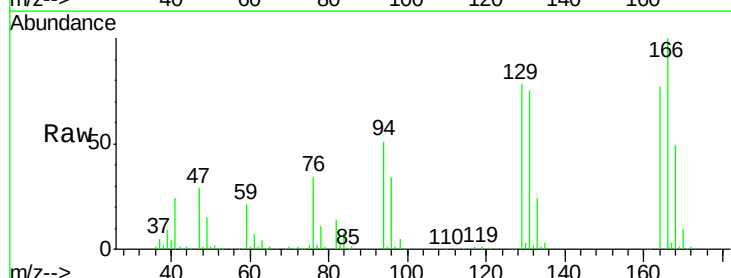
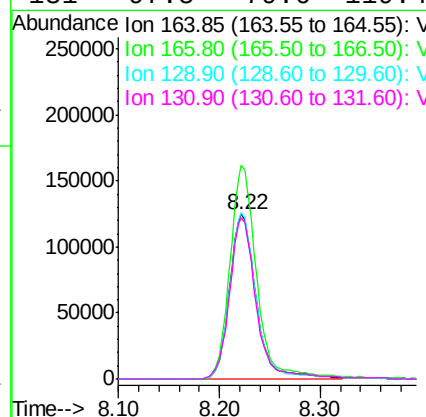
RT: 8.22 min Scan# 2218

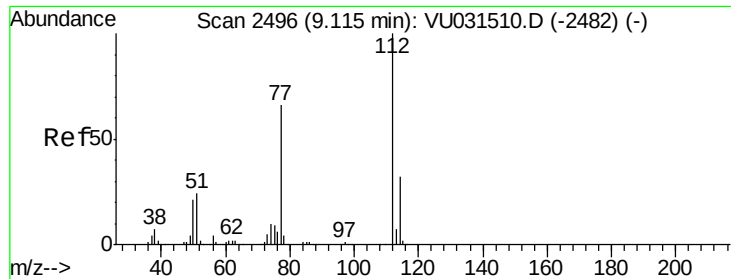
Delta R.T. 0.00 min

Lab File: VU031518.D

Acq: 26 Apr 2019 02:04

Tgt Ion:	164	Resp:	231700
Ion Ratio	Lower	Upper	
164	100		
166	129.4	101.2	151.8
129	101.0	80.2	120.4
131	97.5	79.6	119.4





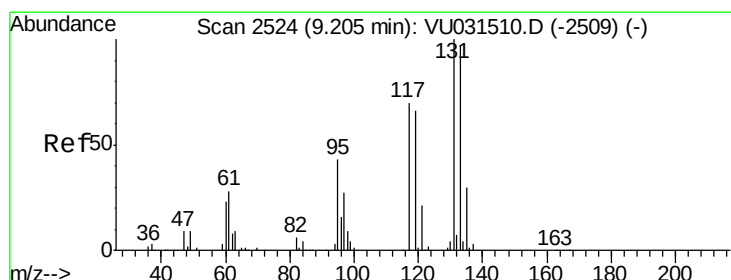
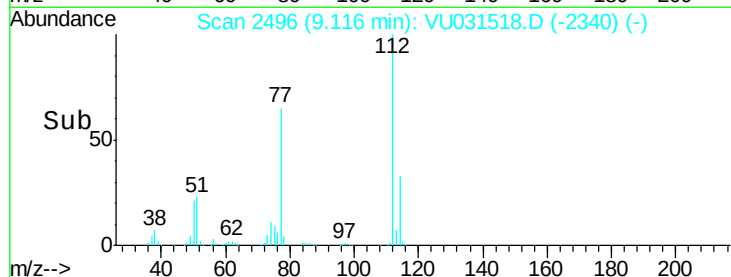
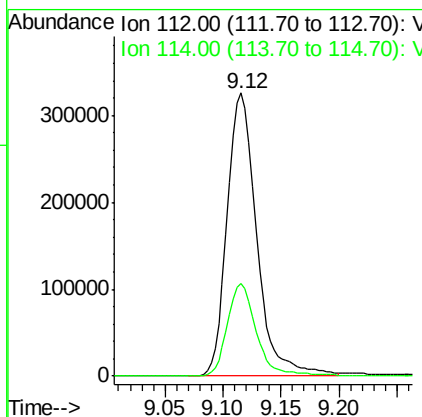
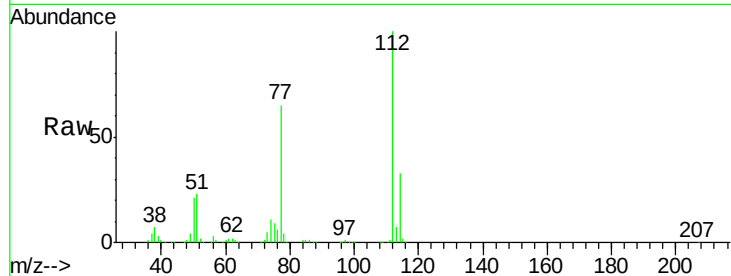
#59
Chlorobenzene
Concen: 10.427 ug/l
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU031518.D
Acq: 26 Apr 2019 02:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion:112 Resp: 577714
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6

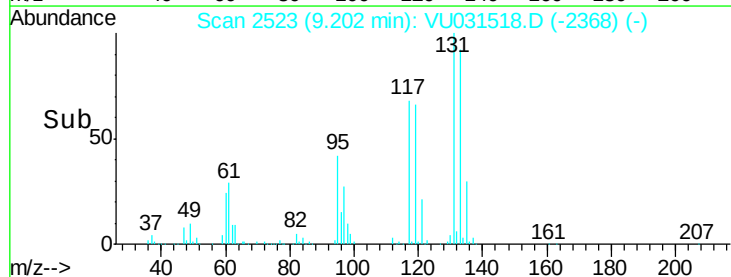
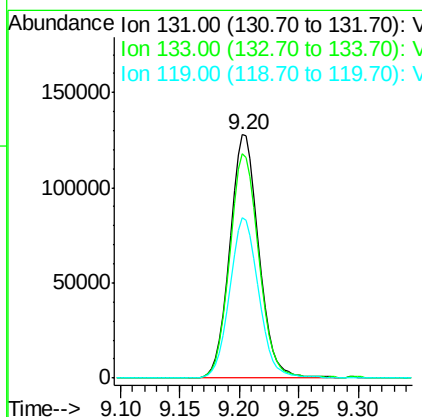
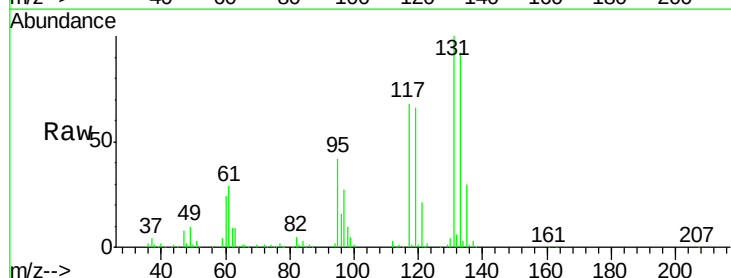
Manual Integrations
APPROVED

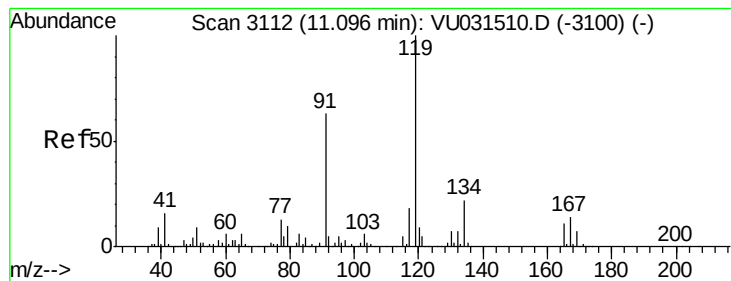
MMdadoda
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#60
1,1,1,2-Tetrachloroethane
Concen: 10.000 ug/l
RT: 9.20 min Scan# 2523
Delta R.T. -0.00 min
Lab File: VU031518.D
Acq: 26 Apr 2019 02:04

Tgt Ion:131 Resp: 216077
Ion Ratio Lower Upper
131 100
133 93.3 77.7 116.5
119 65.9 53.4 80.0





#61

Pentachloroethane

Concen: 9.057 ug/l

RT: 11.10 min Scan# 3112

Delta R.T. 0.00 min

Lab File: VU031518.D

Acq: 26 Apr 2019 02:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion:117 Resp: 138679

Ion Ratio Lower Upper

117 100

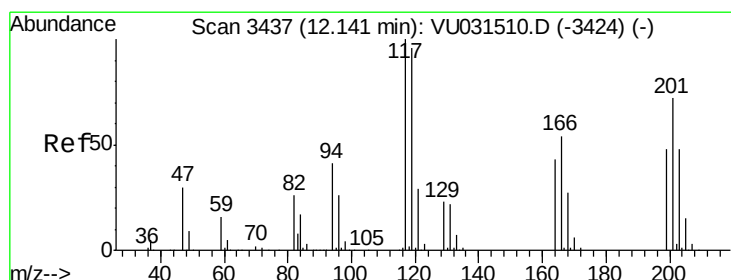
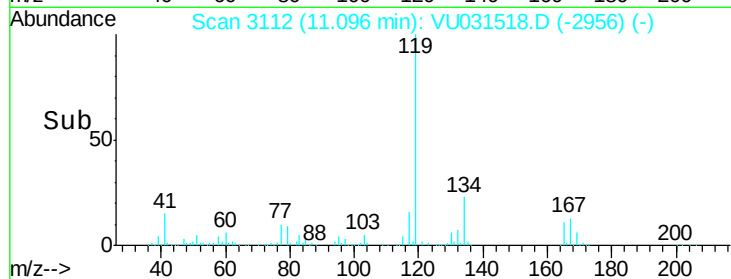
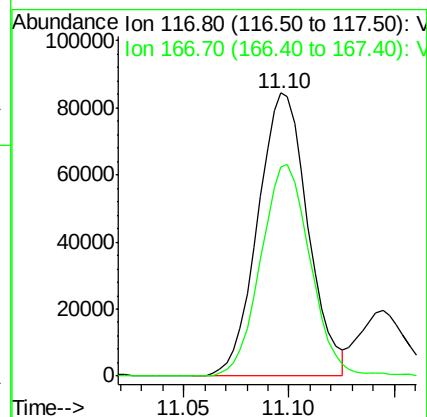
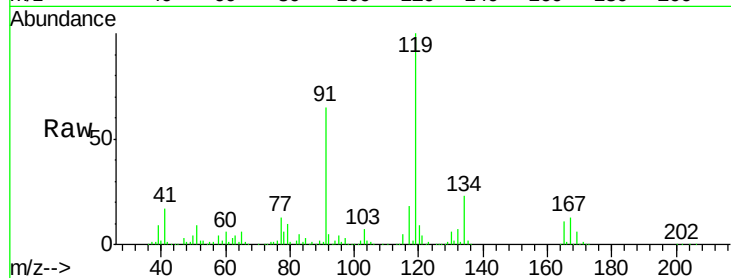
167 74.7 62.5 93.7

Manual Integrations

APPROVED

MMdadoda

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#62

Hexachloroethane

Concen: 10.203 ug/l

RT: 12.14 min Scan# 3437

Delta R.T. 0.00 min

Lab File: VU031518.D

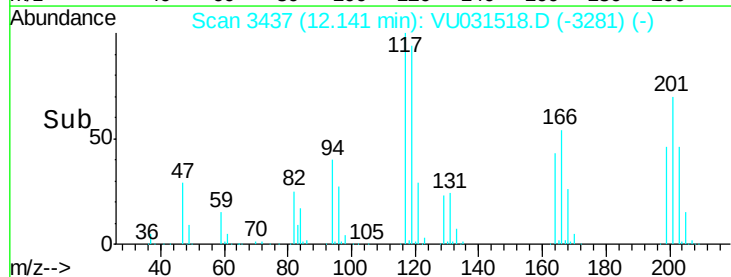
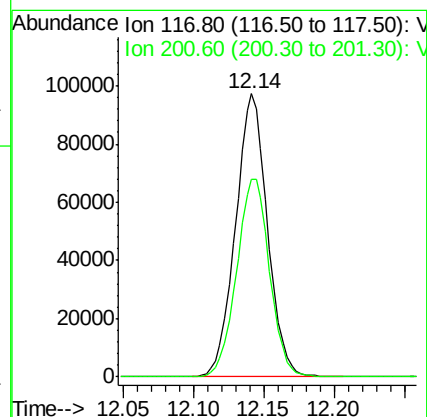
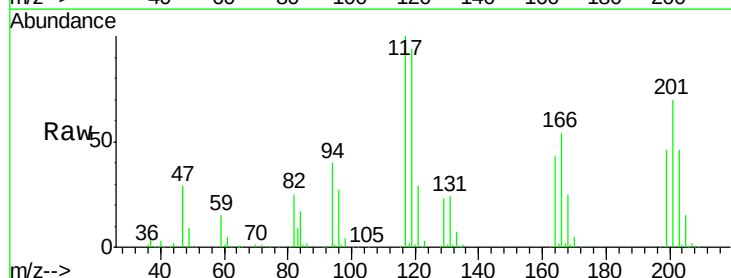
Acq: 26 Apr 2019 02:04

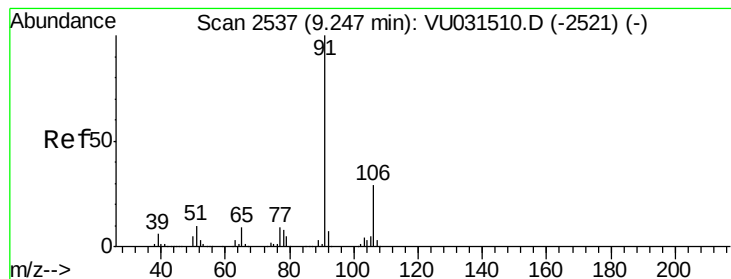
Tgt Ion:117 Resp: 153860

Ion Ratio Lower Upper

117 100

201 72.1 60.0 90.0





#63

Ethyl Benzene

Concen: 11.514 ug/l

RT: 9.25 min Scan# 2537

Delta R.T. 0.00 min

Lab File: VU031518.D

Acq: 26 Apr 2019 02:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 91 Resp: 1044511

Ion Ratio Lower Upper

91 100

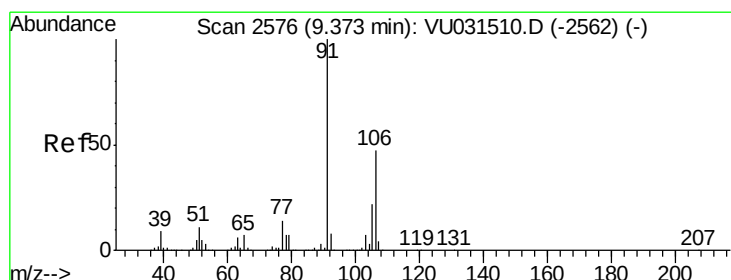
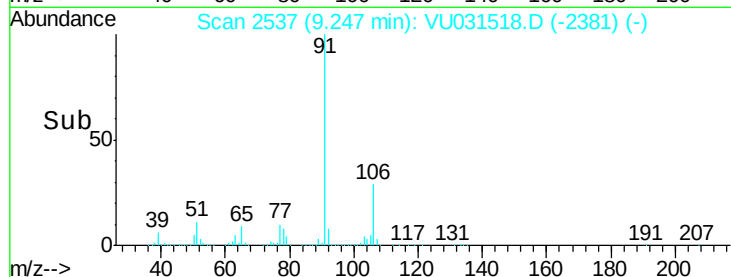
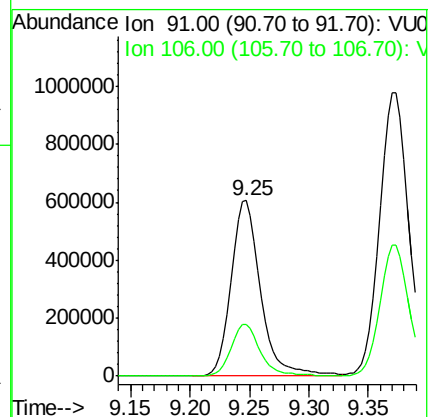
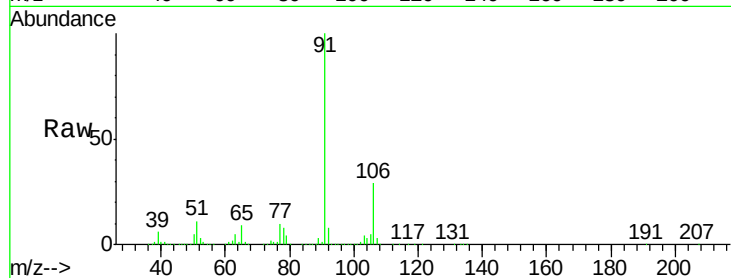
106 29.4 23.4 35.2

Manual Integrations

APPROVED

MMdadoda

4/26/2019 12:23:23 PM



#64

m/p-Xylenes

Concen: 22.970 ug/l

RT: 9.37 min Scan# 2576

Delta R.T. 0.00 min

Lab File: VU031518.D

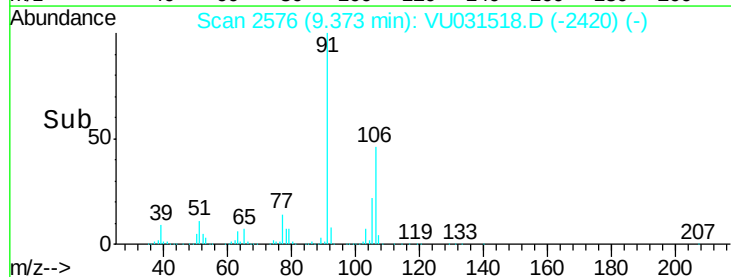
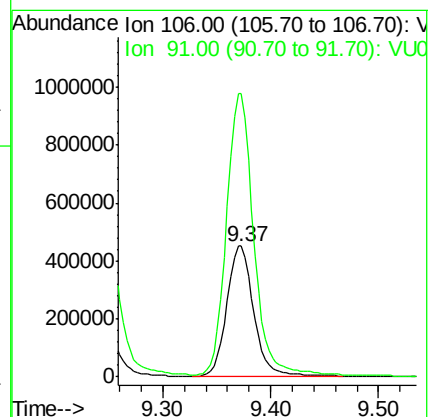
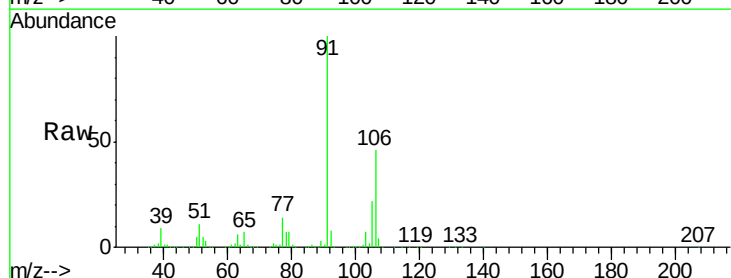
Acq: 26 Apr 2019 02:04

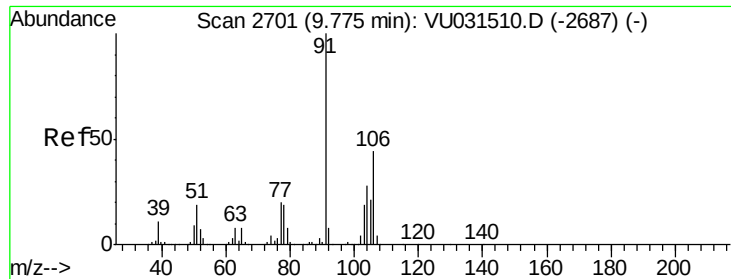
Tgt Ion: 106 Resp: 779730

Ion Ratio Lower Upper

106 100

91 218.3 171.0 256.4





#65

o-Xylene

Concen: 11.212 ug/l

RT: 9.77 min Scan# 2701

Delta R.T. 0.00 min

Lab File: VU031518.D

Acq: 26 Apr 2019 02:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion:106 Resp: 369817

Ion Ratio Lower Upper

106 100

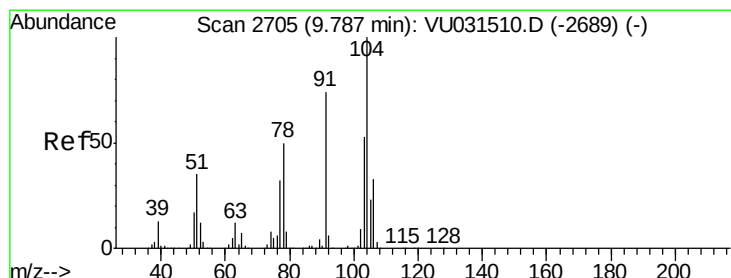
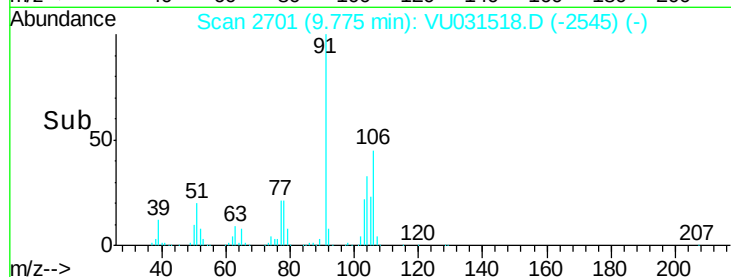
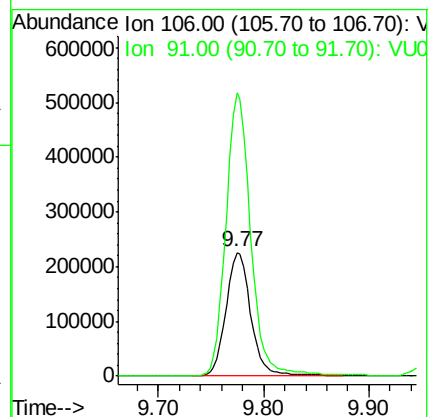
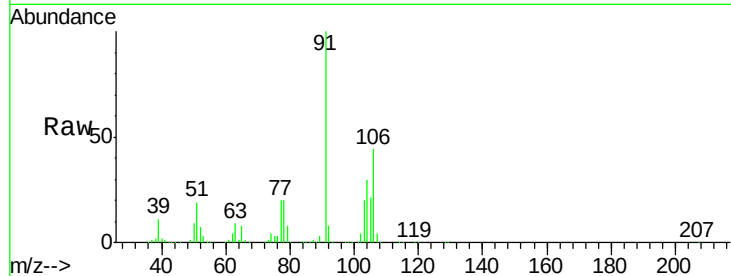
91 227.0 113.8 341.4

Manual Integrations

APPROVED

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#66

Styrene

Concen: 10.191 ug/l

RT: 9.79 min Scan# 2705

Delta R.T. 0.00 min

Lab File: VU031518.D

Acq: 26 Apr 2019 02:04

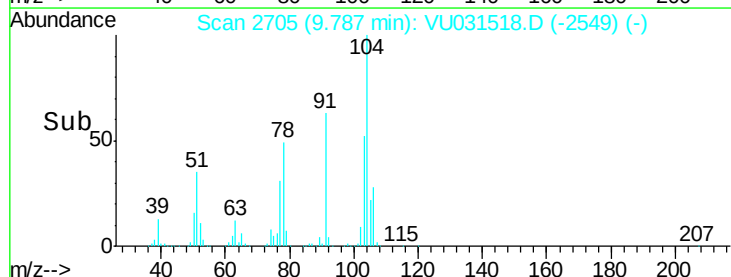
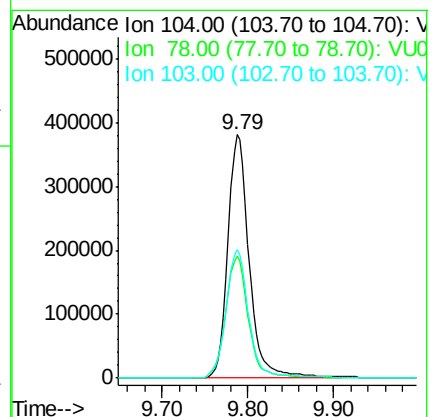
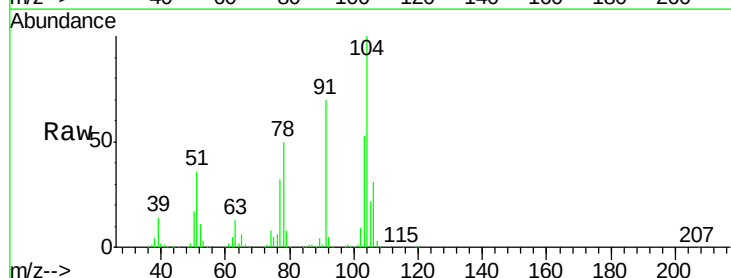
Tgt Ion:104 Resp: 662220

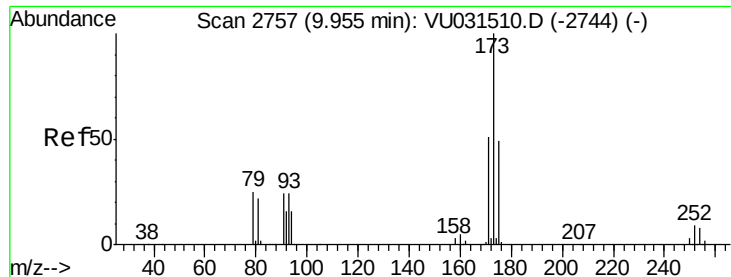
Ion Ratio Lower Upper

104 100

78 53.9 42.5 63.7

103 54.9 44.5 66.7





#67

Bromoform

Concen: 10.081 ug/l

RT: 9.95 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VU031518.D

Acq: 26 Apr 2019 02:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion:173 Resp: 117072

Ion Ratio Lower Upper

173 100

175 47.3 38.7 58.1

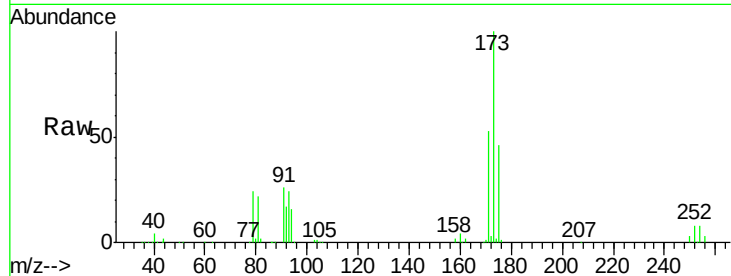
254 8.0 6.0 9.0

Manual Integrations

APPROVED

MMdadoda

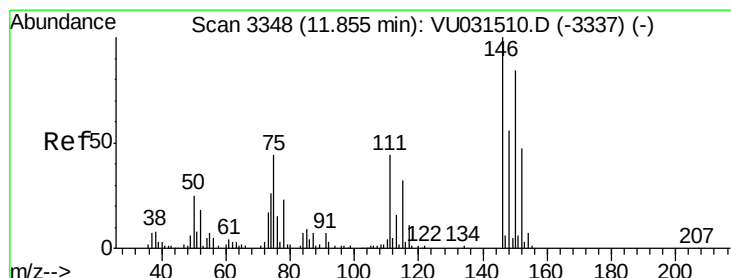
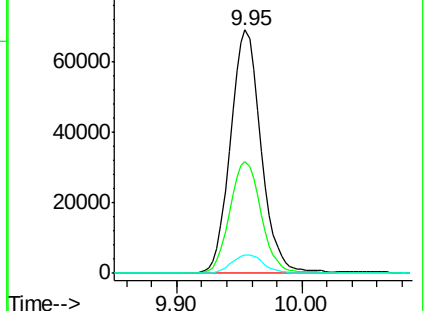
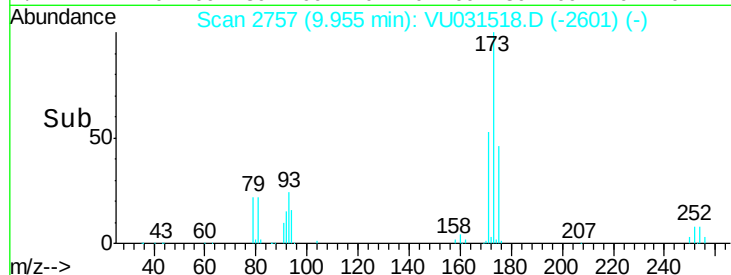
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Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V



#68

1,2-Dichlorobenzene-d4

Concen: 0.991 ug/l

RT: 11.85 min Scan# 3348

Delta R.T. 0.00 min

Lab File: VU031518.D

Acq: 26 Apr 2019 02:04

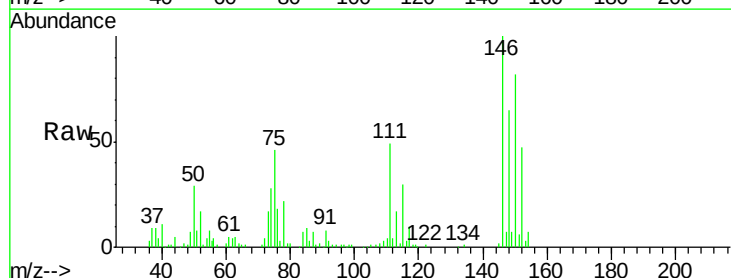
Tgt Ion:152 Resp: 25317

Ion Ratio Lower Upper

152 100

115 59.8 0.0 123.2

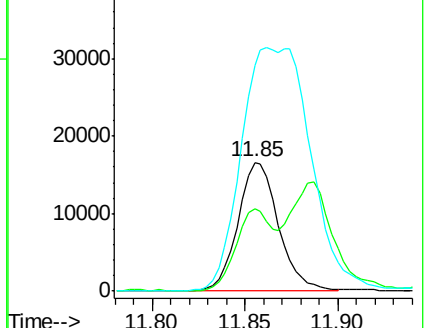
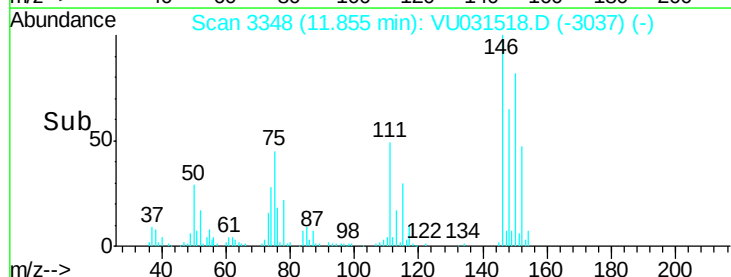
150 325.1 0.0 658.2

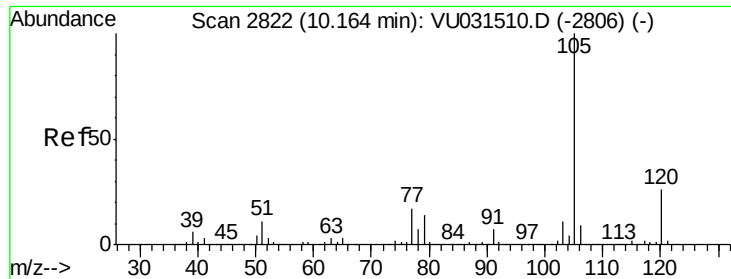


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 11.273 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. 0.00 min

Lab File: VU031518.D

Acq: 26 Apr 2019 02:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion:105 Resp: 973757

Ion Ratio Lower Upper

105 100

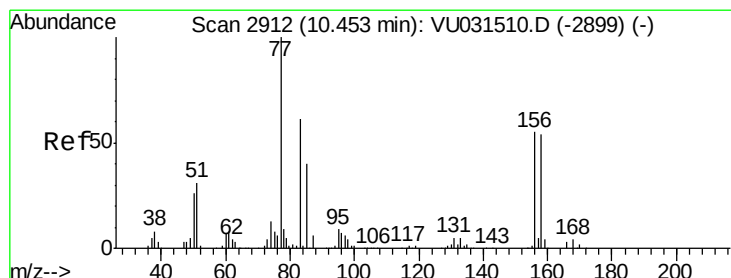
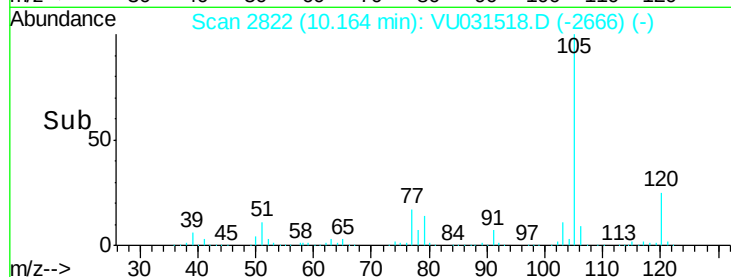
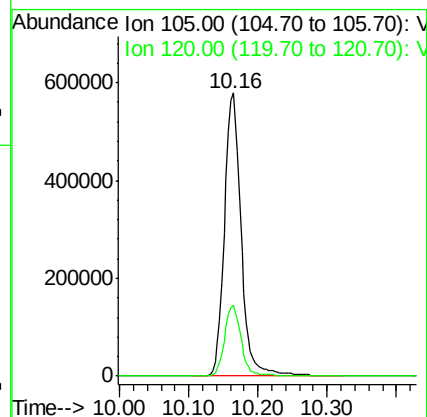
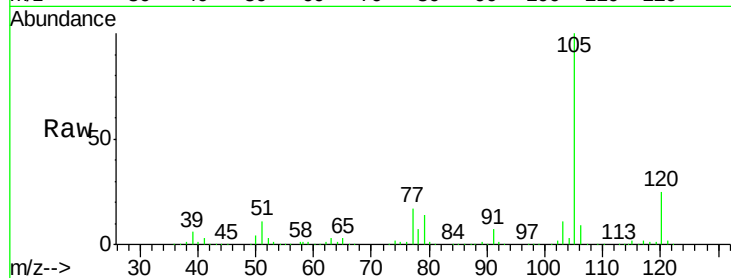
120 24.6 12.4 37.4

Manual Integrations

APPROVED

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#70

1,1,2,2-Tetrachloroethane

Concen: 10.037 ug/l

RT: 10.45 min Scan# 2912

Delta R.T. 0.00 min

Lab File: VU031518.D

Acq: 26 Apr 2019 02:04

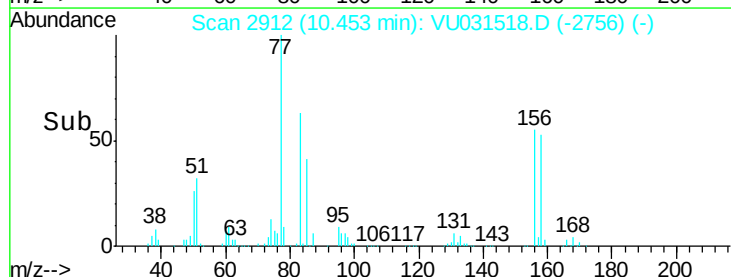
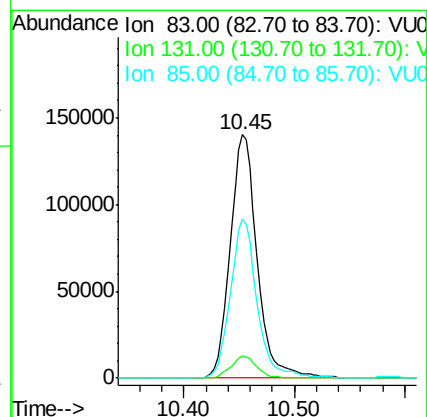
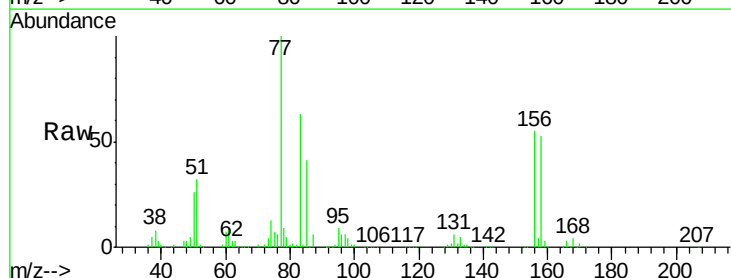
Tgt Ion: 83 Resp: 237828

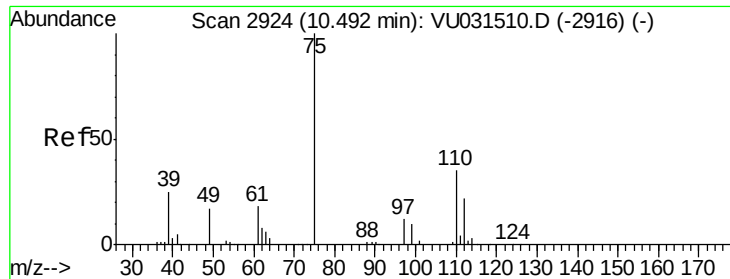
Ion Ratio Lower Upper

83 100

131 8.6 7.2 10.8

85 64.7 52.8 79.2





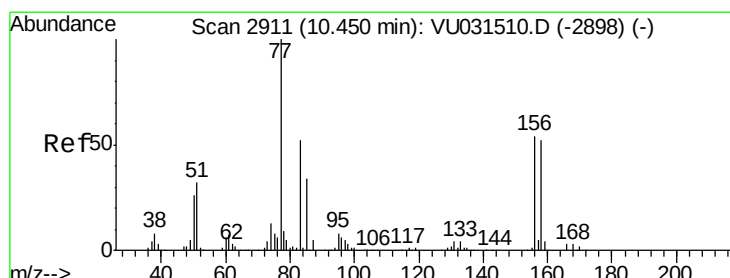
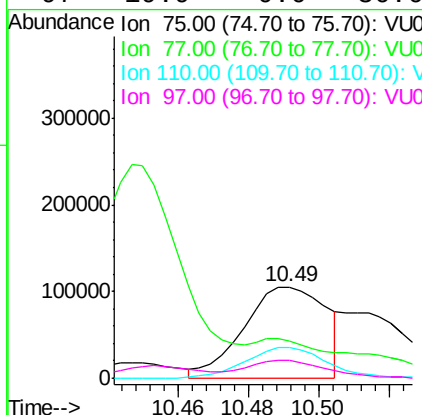
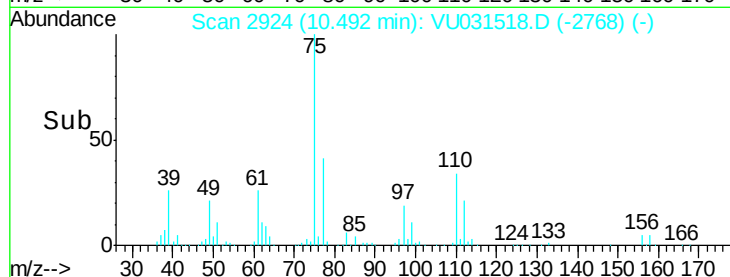
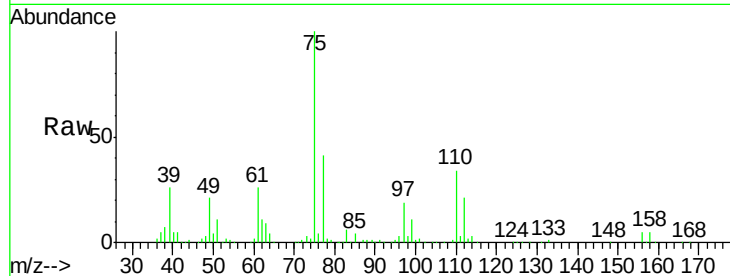
#71
1,2,3-Trichloropropane
Concen: 10.000 ug/l m
RT: 10.49 min Scan# 2924
Delta R.T. 0.00 min
Lab File: VU031518.D
Acq: 26 Apr 2019 02:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ion	Ratio	Lower	Upper
75	100			
77	0.0	0.0	0.0	0.0
110	34.1	0.0	68.2	
97	19.9	0.0	36.6	

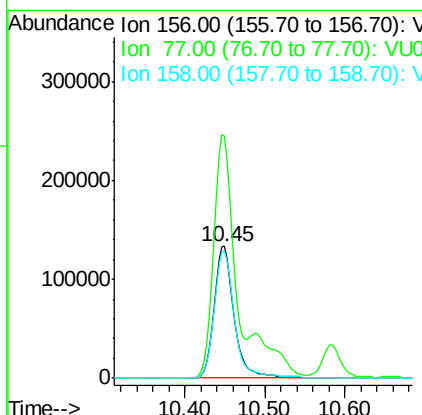
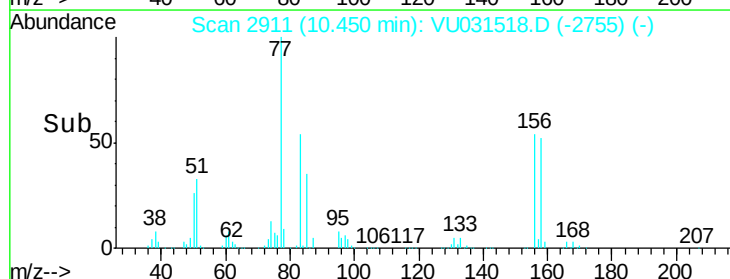
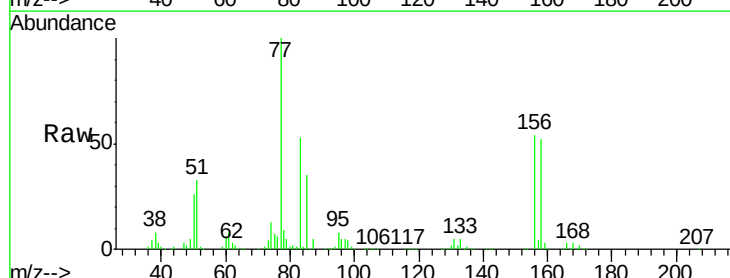
Manual Integrations
APPROVED

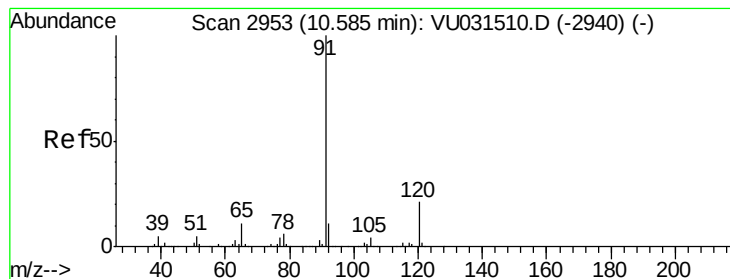
MMDadoda
4/26/2019 12:23:23 PM



#72
Bromobenzene
Concen: 10.542 ug/l
RT: 10.45 min Scan# 2911
Delta R.T. 0.00 min
Lab File: VU031518.D
Acq: 26 Apr 2019 02:04

Tgt Ion	Ion	Ratio	Lower	Upper
156	100			
77	181.4	0.0	353.4	
158	96.9	0.0	190.6	





#73

n-propylbenzene

Concen: 11.631 ug/l

RT: 10.58 min Scan# 2953

Delta R.T. 0.00 min

Lab File: VU031518.D

Acq: 26 Apr 2019 02:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion:120 Resp: 260013

Ion Ratio Lower Upper

120 100

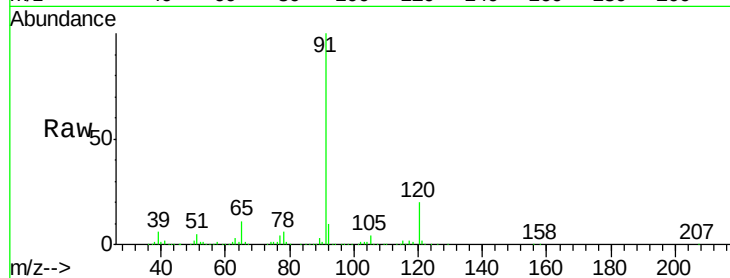
91 483.5 373.9 560.9

Manual Integrations

APPROVED

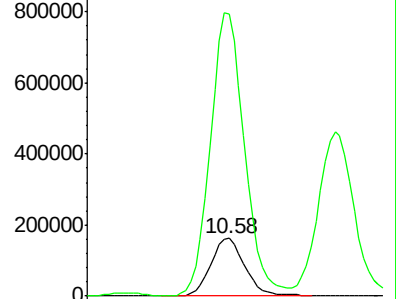
MMdadoda

4/26/2019 12:23:23 PM

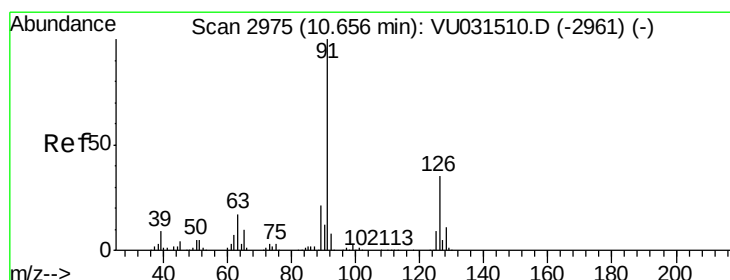
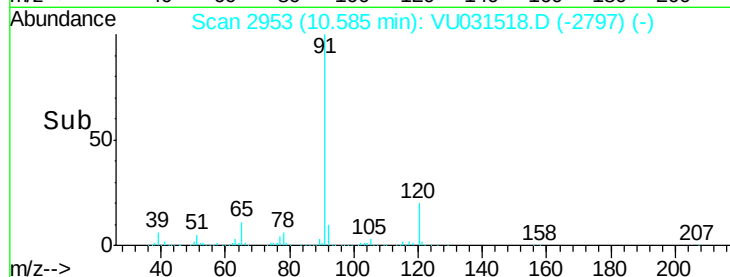


Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



Time-->



#74

2-Chlorotoluene

Concen: 11.155 ug/l

RT: 10.66 min Scan# 2975

Delta R.T. 0.00 min

Lab File: VU031518.D

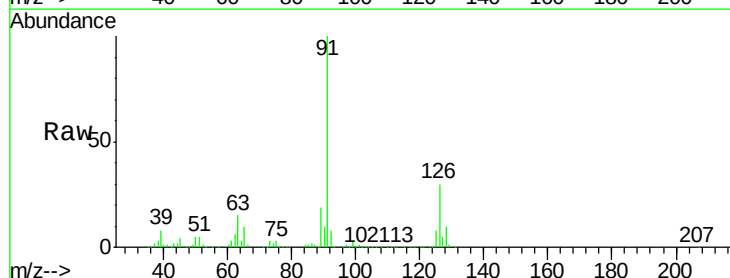
Acq: 26 Apr 2019 02:04

Tgt Ion:126 Resp: 237696

Ion Ratio Lower Upper

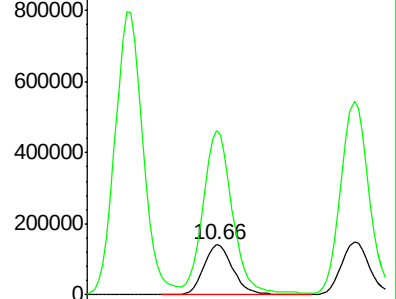
126 100

91 328.9 0.0 659.6

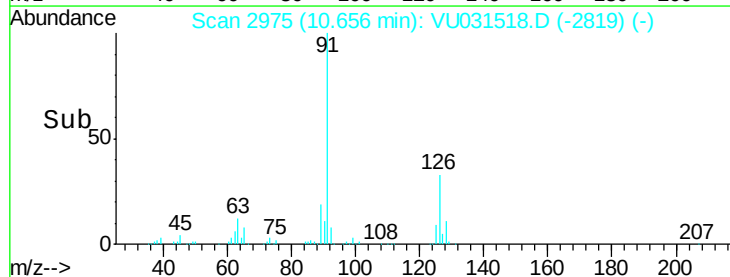


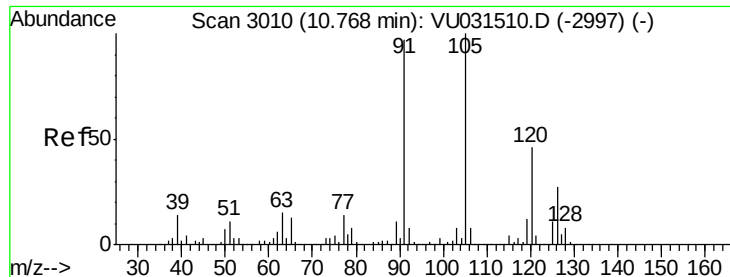
Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0



Time-->





#75

1,3,5-Trimethylbenzene

Concen: 10.188 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. 0.00 min

Lab File: VU031518.D

Acq: 26 Apr 2019 02:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion:105 Resp: 869373

Ion Ratio Lower Upper

105 100

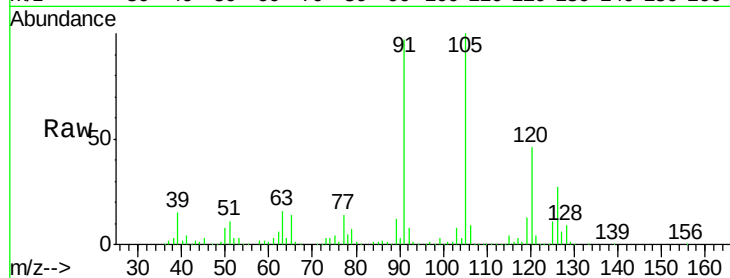
120 45.6 36.8 55.2

Manual Integrations

APPROVED

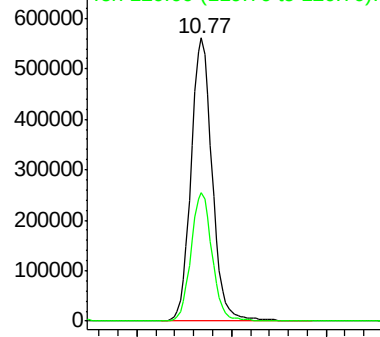
MMdadoda

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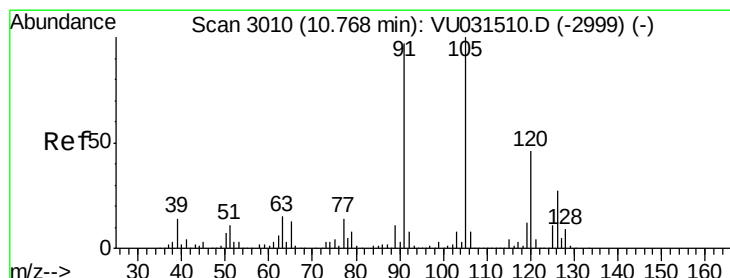
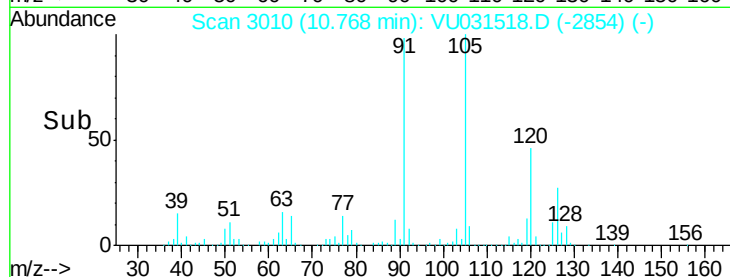


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#76

4-Chlorotoluene

Concen: 10.207 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. 0.00 min

Lab File: VU031518.D

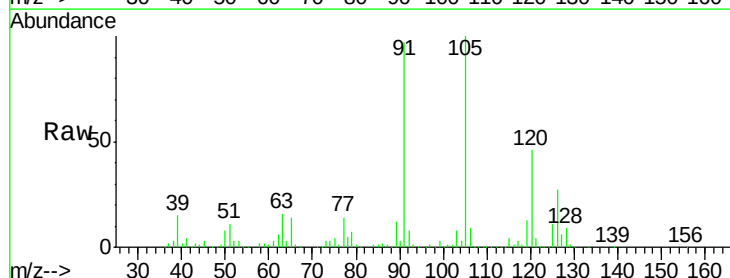
Acq: 26 Apr 2019 02:04

Tgt Ion:126 Resp: 243205

Ion Ratio Lower Upper

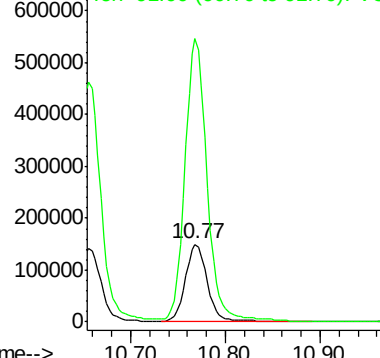
126 100

91 363.9 0.0 732.0

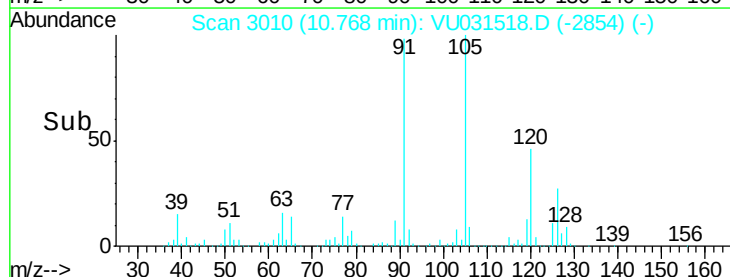


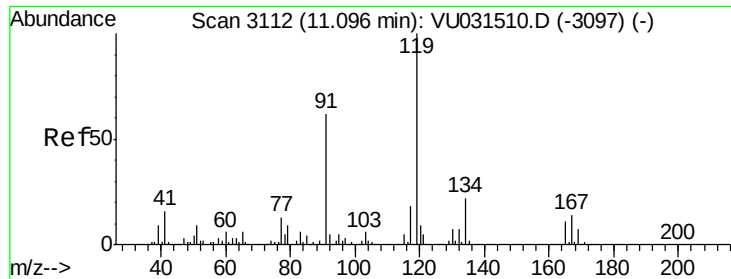
Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0



Time-->





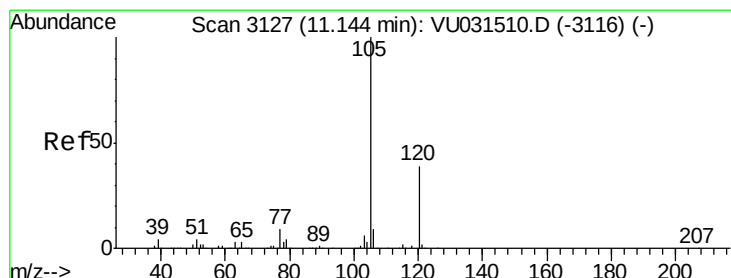
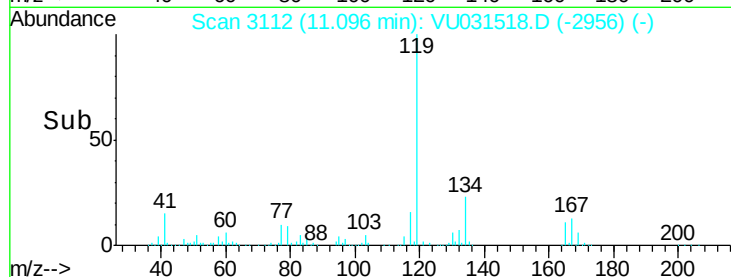
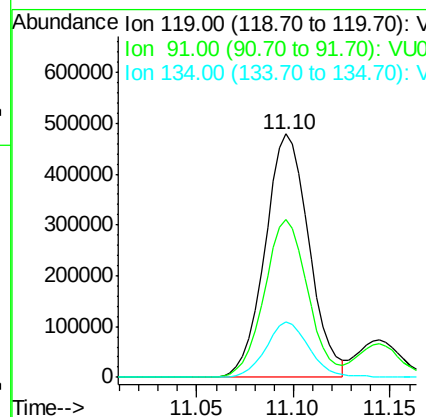
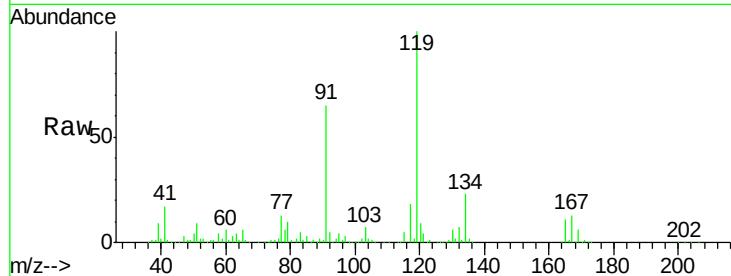
#77
 tert-Butylbenzene
 Concen: 10.935 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. 0.00 min
 Lab File: VU031518.D
 Acq: 26 Apr 2019 02:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.1	31.4	94.2
134	22.7	17.4	26.2

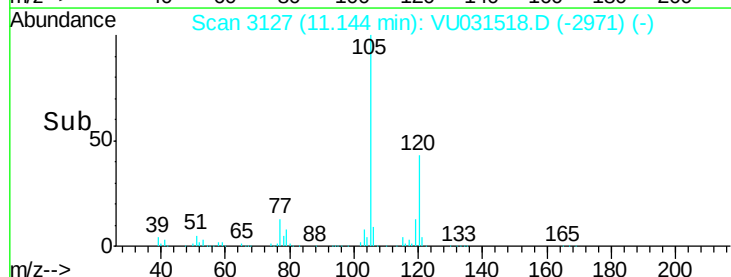
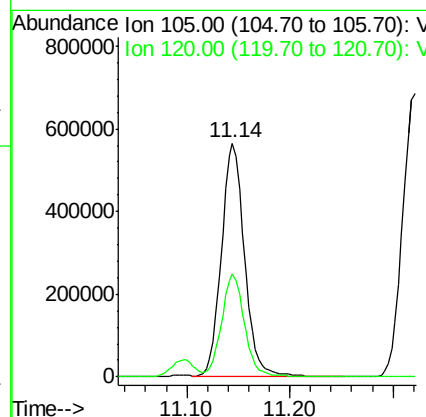
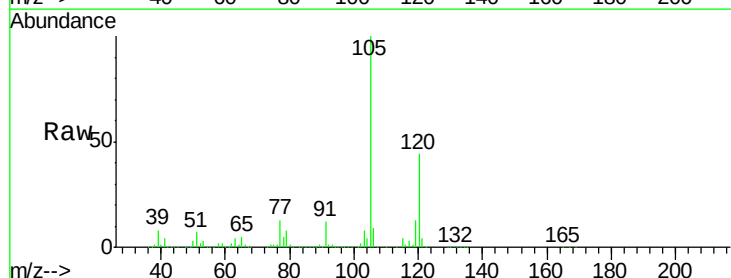
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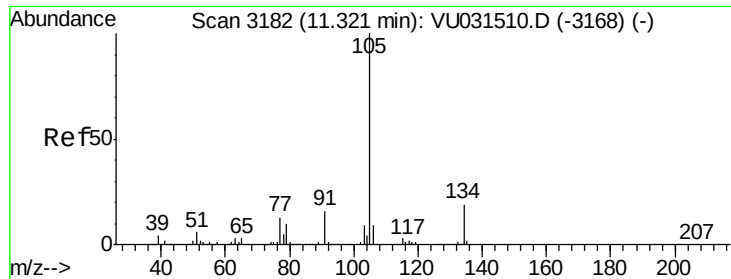
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#78
 1,2,4-Trimethylbenzene
 Concen: 10.139 ug/l
 RT: 11.14 min Scan# 3127
 Delta R.T. 0.00 min
 Lab File: VU031518.D
 Acq: 26 Apr 2019 02:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.7	21.6	65.0





#79

sec-Butylbenzene

Concen: 11.524 ug/l

RT: 11.32 min Scan# 3182

Delta R.T. 0.00 min

Lab File: VU031518.D

Acq: 26 Apr 2019 02:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion:105 Resp: 1085239

Ion Ratio Lower Upper

105 100

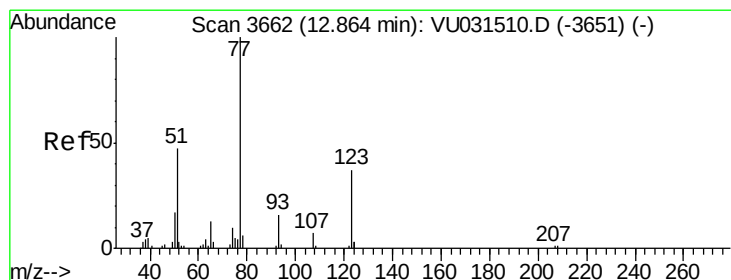
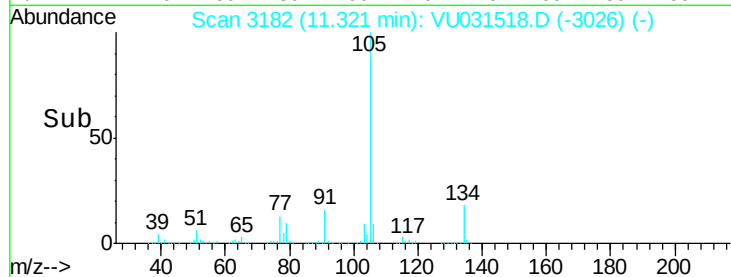
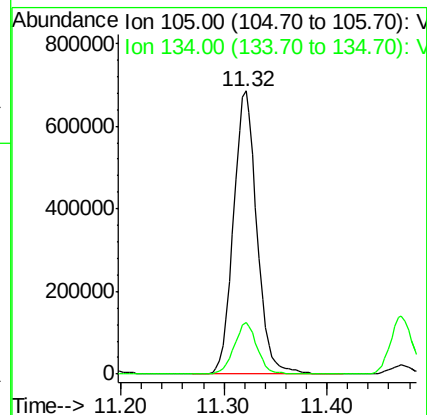
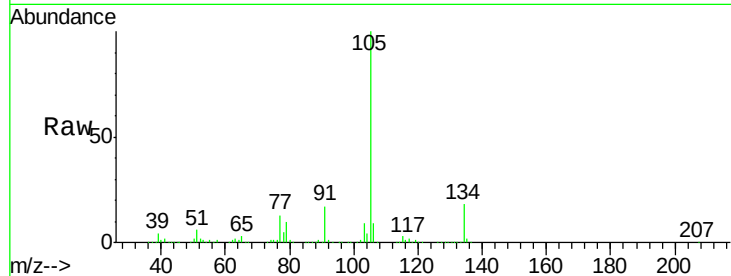
134 18.0 15.0 22.6

Manual Integrations

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#80

Nitrobenzene

Concen: 60.901 ug/l

RT: 12.86 min Scan# 3661

Delta R.T. -0.00 min

Lab File: VU031518.D

Acq: 26 Apr 2019 02:04

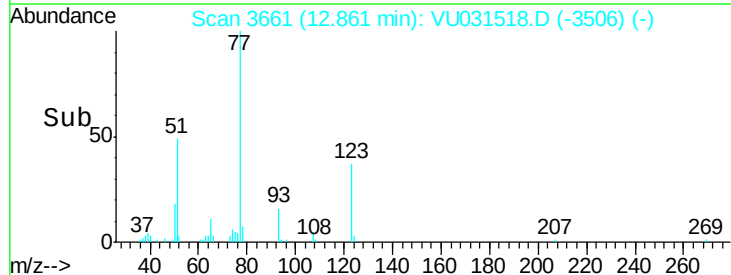
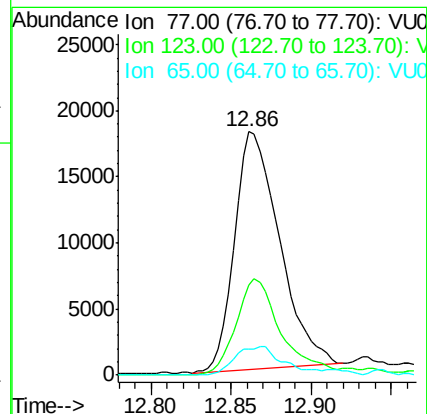
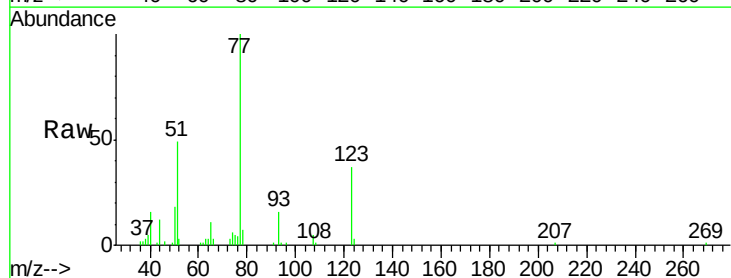
Tgt Ion: 77 Resp: 34738

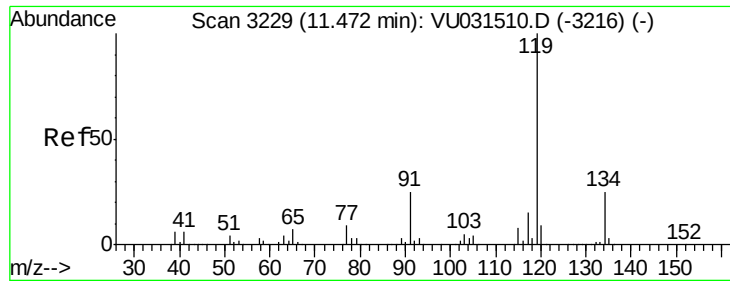
Ion Ratio Lower Upper

77 100

123 36.9 17.2 61.0

65 10.7 9.7 12.3





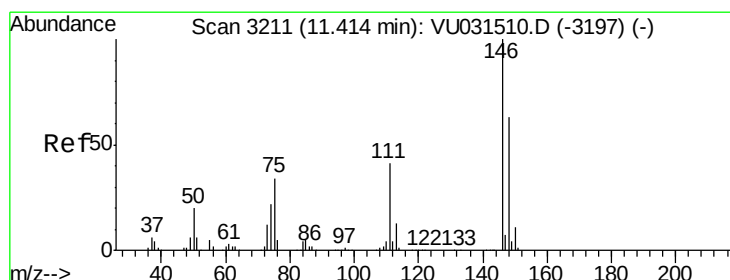
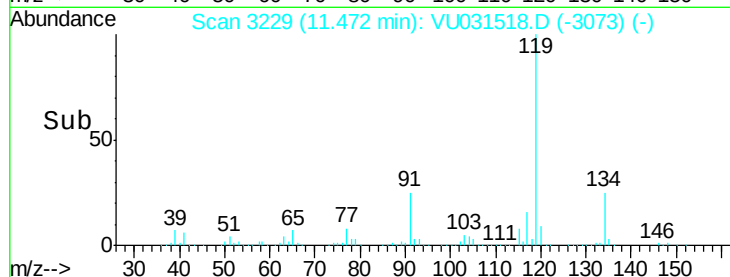
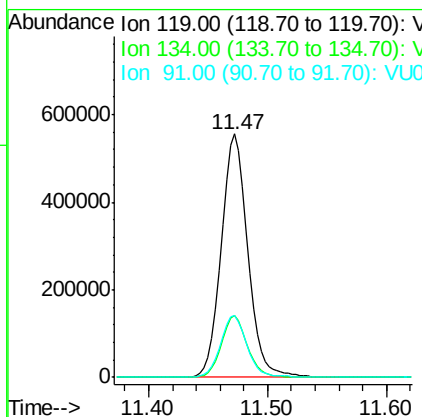
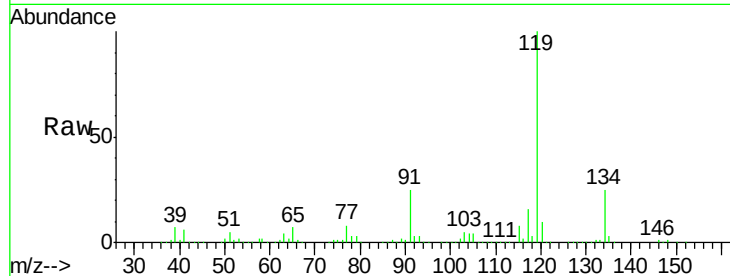
#81
 p-Isopropyltoluene
 Concen: 9.893 ug/l
 RT: 11.47 min Scan# 3229
 Delta R.T. 0.00 min
 Lab File: VU031518.D
 Acq: 26 Apr 2019 02:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.1	20.3	30.5
91	25.1	20.3	30.5

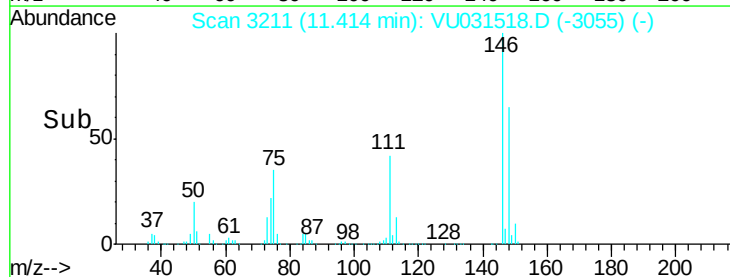
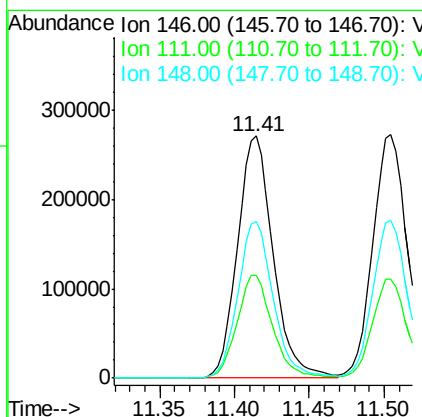
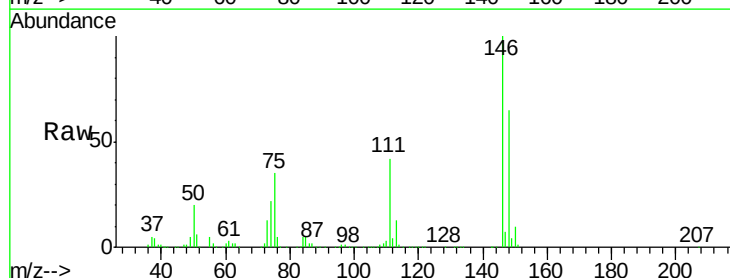
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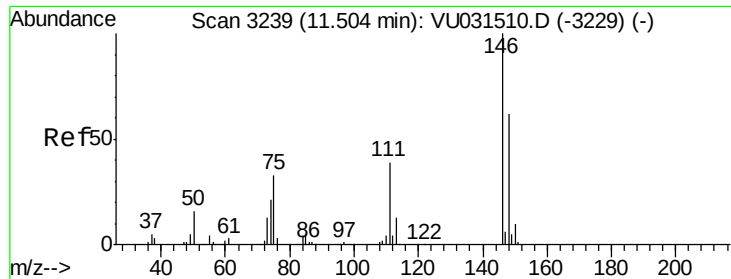
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#82
 1,3-Dichlorobenzene
 Concen: 10.418 ug/l
 RT: 11.41 min Scan# 3211
 Delta R.T. 0.00 min
 Lab File: VU031518.D
 Acq: 26 Apr 2019 02:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.1	33.4	50.0
148	63.9	50.2	75.4





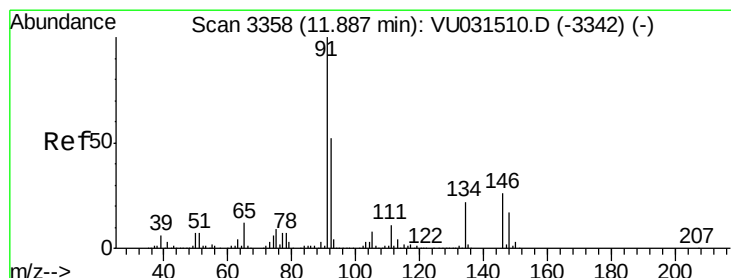
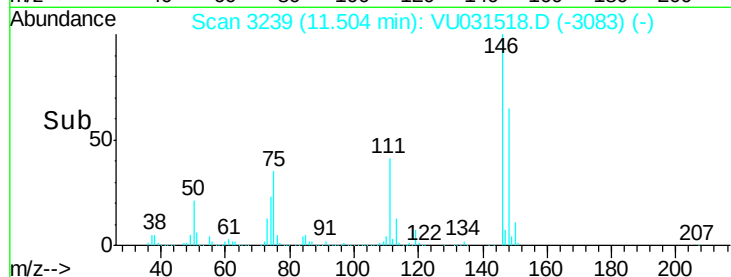
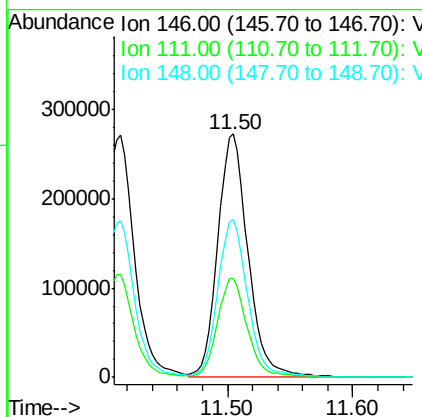
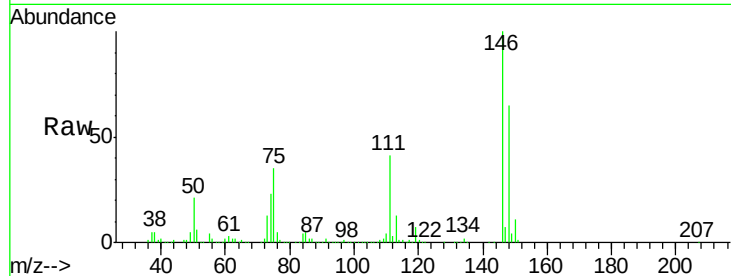
#83
 1,4-Dichlorobenzene
 Concen: 10.851 ug/l
 RT: 11.50 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: VU031518.D
 Acq: 26 Apr 2019 02:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	451427		
111	40.6	32.2	48.4	
148	64.7	51.2	76.8	

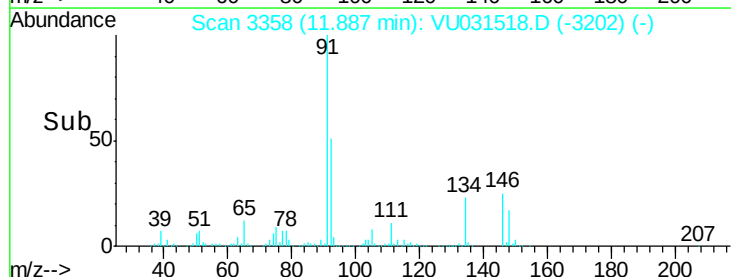
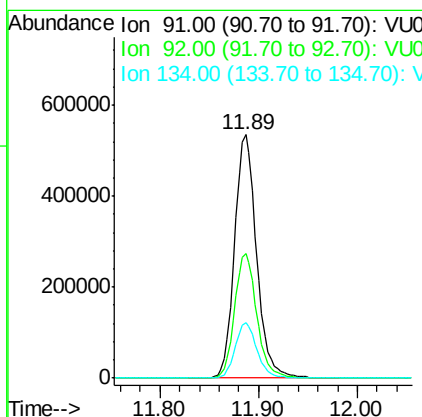
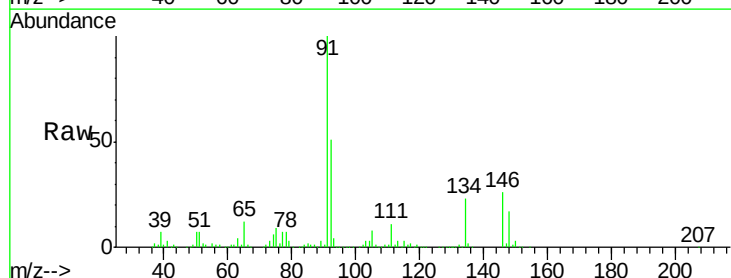
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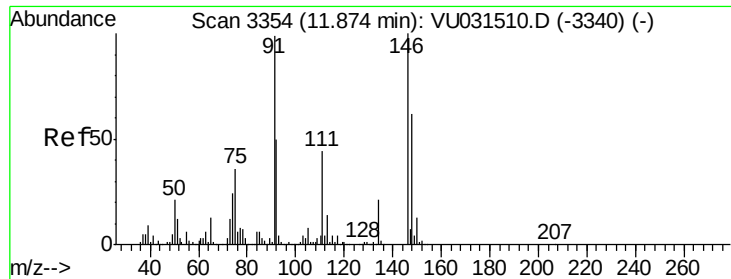
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#84
 n-Butylbenzene
 Concen: 9.733 ug/l
 RT: 11.89 min Scan# 3358
 Delta R.T. 0.00 min
 Lab File: VU031518.D
 Acq: 26 Apr 2019 02:04

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	832351		
92	51.4	41.2	61.8	
134	22.6	18.1	27.1	





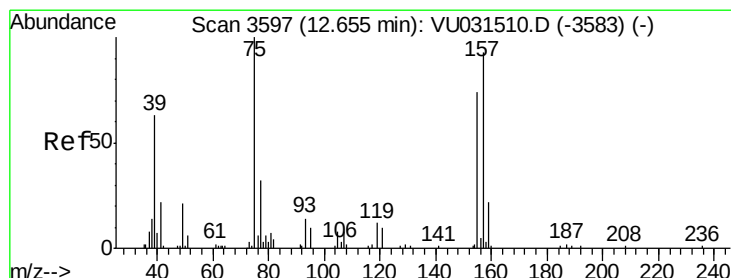
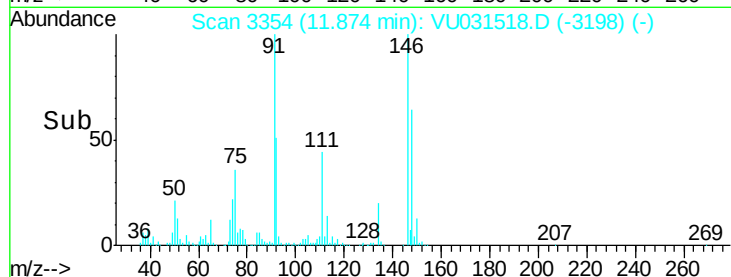
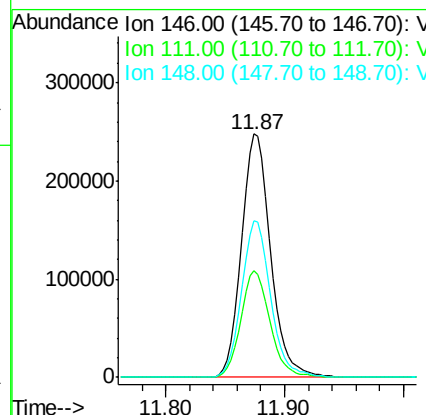
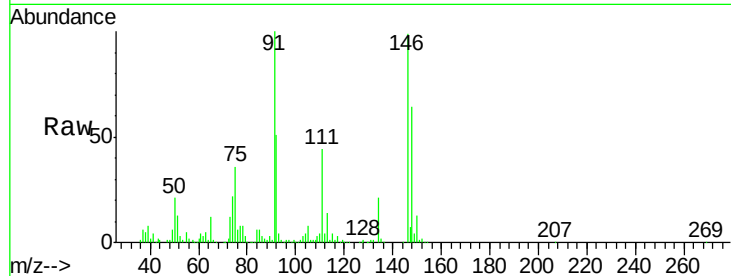
#85
 1,2-Dichlorobenzene
 Concen: 10.212 ug/l
 RT: 11.87 min Scan# 3354
 Delta R.T. 0.00 min
 Lab File: VU031518.D
 Acq: 26 Apr 2019 02:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.7	65.1
148	64.5	31.6	94.7

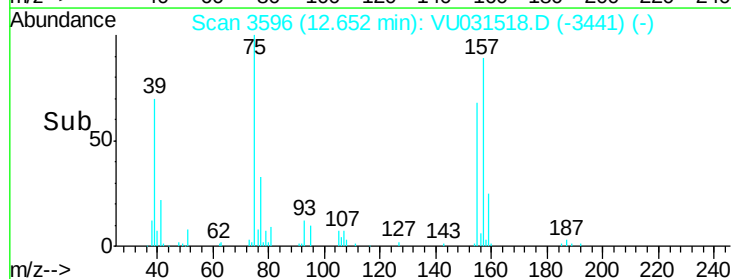
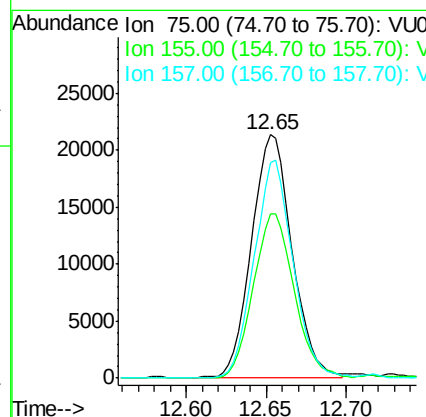
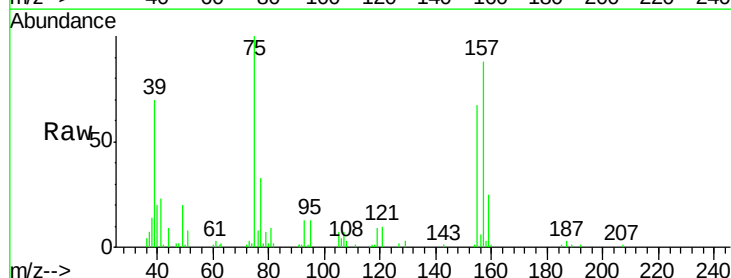
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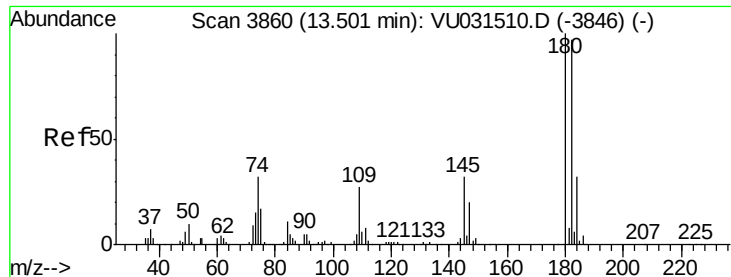
MMdadoda
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 10.875 ug/l
 RT: 12.65 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VU031518.D
 Acq: 26 Apr 2019 02:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	67.8	58.5	87.7
157	85.9	75.0	112.4





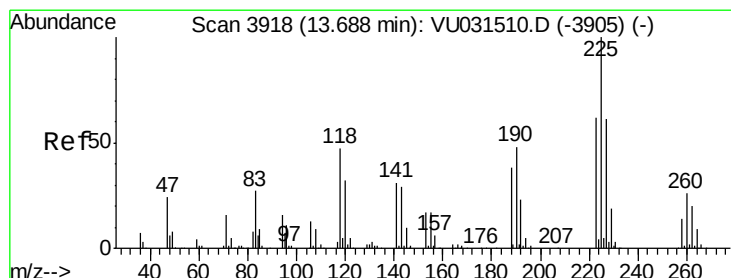
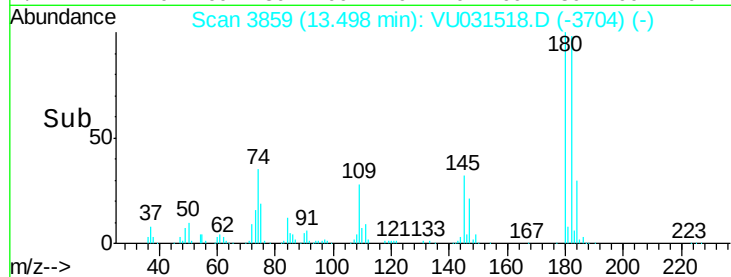
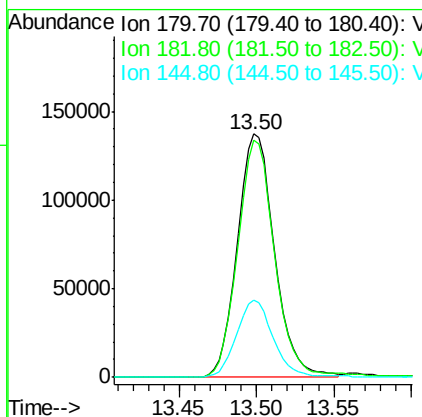
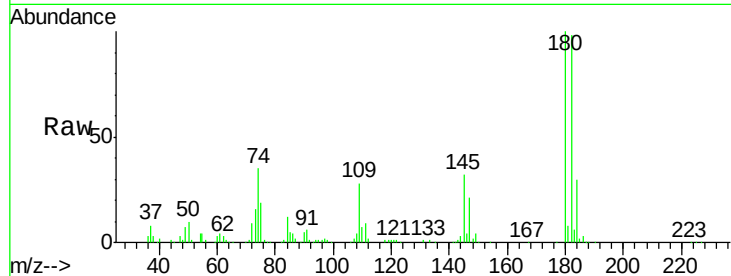
#87
 1,2,4-Trichlorobenzene
 Concen: 9.148 ug/l
 RT: 13.50 min Scan# 3859
 Delta R.T. -0.00 min
 Lab File: VU031518.D
 Acq: 26 Apr 2019 02:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	229118		
182	98.4	75.5	113.3	
145	31.1	23.9	35.9	

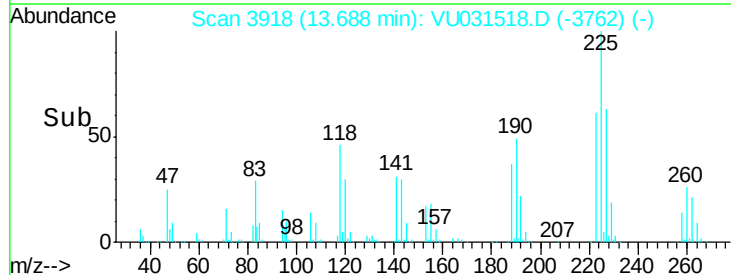
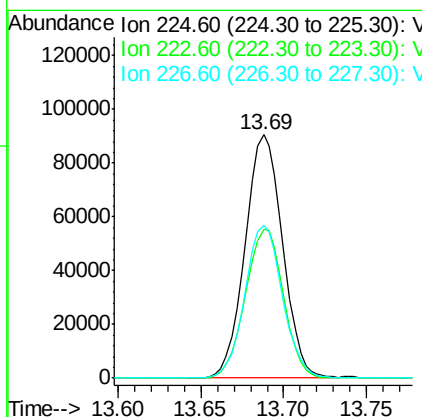
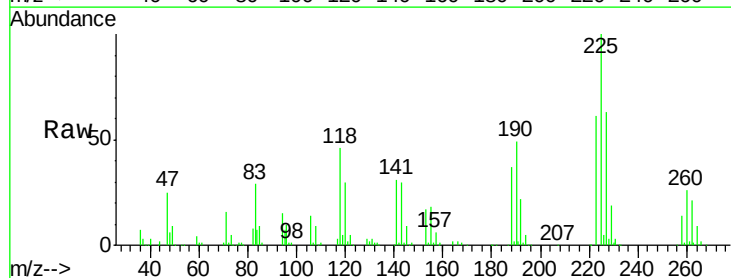
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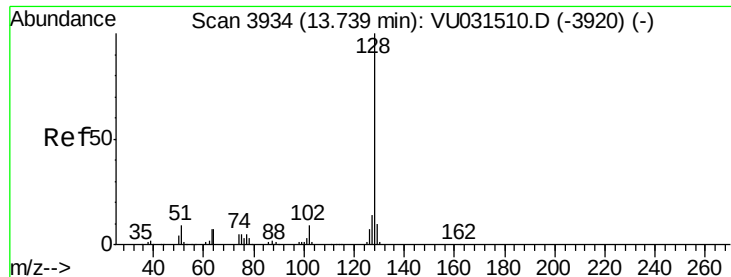
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 4/26/2019 12:23:23 PM



#88
 Hexachlorobutadiene
 Concen: 9.396 ug/l
 RT: 13.69 min Scan# 3918
 Delta R.T. 0.00 min
 Lab File: VU031518.D
 Acq: 26 Apr 2019 02:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	142168		
223	62.2	50.2	75.4	
227	63.0	50.4	75.6	





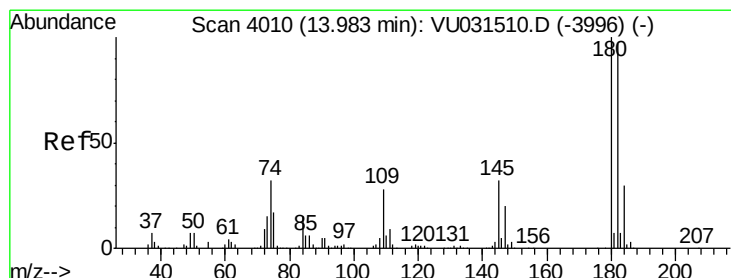
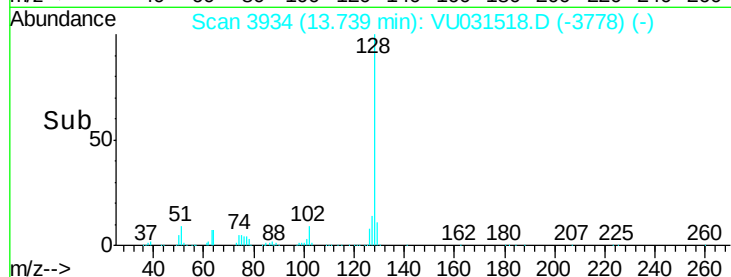
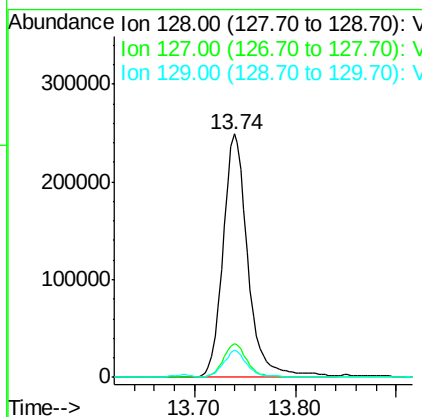
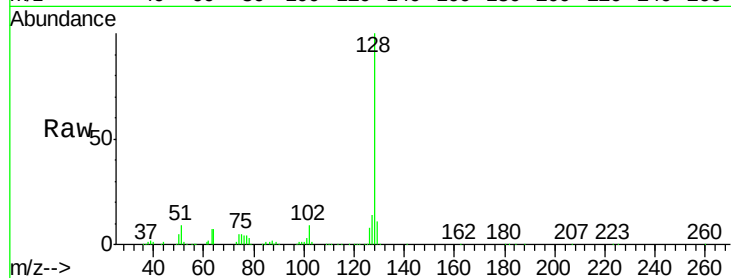
#89
Naphthalene
Concen: 9.220 ug/l
RT: 13.74 min Scan# 3934
Delta R.T. 0.00 min
Lab File: VU031518.D
Acq: 26 Apr 2019 02:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.8	16.2
129	10.4	8.2	12.2

Manual Integrations
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#90
1,2,3-Trichlorobenzene
Concen: 10.943 ug/l
RT: 13.98 min Scan# 4010
Delta R.T. 0.00 min
Lab File: VU031518.D
Acq: 26 Apr 2019 02:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.1	115.7
145	31.9	25.9	38.9

