

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042619\
 Data File : VU031516.D
 Acq On : 26 Apr 2019 01:11
 Operator : JC/SP
 Sample : VU0426WBS01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampled :
 VU0426WBS01

Manual Integrations
 APPROVED

MMdadoda
 4/26/2019 12:23:10 PM

Quant Time: Apr 26 05:58:07 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	70461	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	24324	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	23988	1.05	ug/l	0.00
Spiked Amount 1.000			Recovery	=	105.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.20	85	62493	1.965	ug/l	96
3) Chloromethane	1.32	50	73888	1.947	ug/l	100
4) Vinyl Chloride	1.40	62	71197	1.970	ug/l	98
5) Bromomethane	1.63	94	38286	2.186	ug/l	93
6) Chloroethane	1.70	64	38773	1.940	ug/l	100
7) Trichlorofluoromethane	1.88	101	81962	1.991	ug/l	97
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	38529	1.899	ug/l	98
9) 1,1-Dichloroethene	2.28	96	40151	1.990	ug/l	99
10) Iodomethane	2.41	142	33184	1.495	ug/l	97
11) Allyl Chloride	2.59	41	87381	1.977	ug/l	99
12) Acrylonitrile	2.94	53	24217	3.962	ug/l	97
13) Acetone	2.33	43	52707	9.464	ug/l	94
14) Carbon Disulfide	2.48	76	154897	2.000	ug/l	99
15) Methylene Chloride	2.70	84	50531	1.976	ug/l	97
16) trans-1,2-Dichloroethene	2.98	96	43639	1.933	ug/l	97
17) 1,1-Dichloroethane	3.44	63	92141	1.958	ug/l	99
18) 2-Butanone	4.28	43	70393	9.673	ug/l	97
19) Cyclohexane	4.99	56	67114m	1.852	ug/l	
20) Methylcyclohexane	6.41	83	52427	1.803	ug/l	92
21) 2,2-Dichloropropane	4.22	77	56475	1.642	ug/l	98
22) cis-1,2-Dichloroethene	4.23	96	46075	1.908	ug/l	99
23) Diethyl Ether	2.10	59	39238	2.029	ug/l	93
24) tert-Butyl Alcohol	2.85	59	41099	20.495	ug/l #	89
25) Methyl tert-Butyl Ether	3.00	73	120218	2.047	ug/l	97
26) Bromochloromethane	4.54	128	19549	1.916	ug/l	94
27) Chloroform	4.67	83	85072	1.950	ug/l	94
28) 1,1,1-Trichloroethane	4.91	97	72263	1.966	ug/l	98
29) 1,1-Dichloropropene	5.13	75	58914	1.980	ug/l	97
30) Carbon Tetrachloride	5.13	117	62183	1.987	ug/l	96
31) Isopropyl Ether	3.57	45	138178	1.960	ug/l	97
32) Ethyl-t-butyl ether	4.06	59	109381	1.912	ug/l	100
33) Tert-Amyl methyl ether	5.58	73	85546	1.880	ug/l	97
34) Propionitrile	4.35	54	17750	9.093	ug/l #	81
35) Benzene	5.39	78	181605	1.995	ug/l	100
36) 1,2-Dichloroethane	5.40	62	58934	1.987	ug/l	99
37) Trichloroethene	6.18	130	42243	1.897	ug/l	98
38) 1,2-Dichloropropane	6.43	63	50696	1.971	ug/l	93
39) Methacrylonitrile	4.55	41	15845	1.935	ug/l	97
40) Methyl acrylate	4.44	55	21094	1.937	ug/l #	95
41) Tetrahydrofuran	4.66	42	17443m	3.887	ug/l	
42) 1-Chlorobutane	5.06	56	86072	1.906	ug/l	97

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 ClientSampleId :
 VU0426WBS01

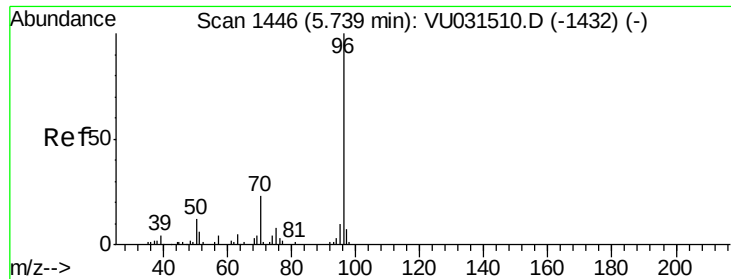
Manual Integrations
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 4/26/2019 12:23:10 PM

Quant Time: Apr 26 05:58:07 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)
43) Dibromomethane	6.56	93	24858	1.967	ug/l	97
44) Bromodichloromethane	6.76	83	62133	1.979	ug/l	99
45) 4-Methyl-2-Pentanone	7.46	43	150656	9.961	ug/l	95
46) t-1,4-Dichloro-2-butene	10.51	75	14230m	3.066	ug/l	
47) Methyl methacrylate	6.63	69	35390	3.625	ug/l	97
48) Ethyl methacrylate	8.02	69	31193	1.836	ug/l	98
49) Toluene	7.63	92	94037	1.987	ug/l	95
50) t-1,3-Dichloropropene	7.88	75	45375	1.834	ug/l	95
51) cis-1,3-Dichloropropene	7.27	75	55946	1.857	ug/l	93
52) 1,1,2-Trichloroethane	8.06	97	35005	2.123	ug/l	91
53) 1,3-Dichloropropane	8.24	76	58259	2.014	ug/l	99
54) 2-Hexanone	8.37	43	96297	9.443	ug/l	95
55) Dibromochloromethane	8.47	129	37726	2.029	ug/l	100
56) 1,2-Dibromoethane	8.58	107	29379	1.991	ug/l	97
58) Tetrachloroethene	8.22	164	41855	1.949	ug/l	98
59) Chlorobenzene	9.12	112	97185	1.958	ug/l	94
60) 1,1,1,2-Tetrachloroethane	9.21	131	39885	2.060	ug/l	95
61) Pentachloroethane	11.10	117	27056	1.972	ug/l	93
62) Hexachloroethane	12.14	117	28315	2.096	ug/l	96
63) Ethyl Benzene	9.25	91	152562	1.877	ug/l	96
64) m/p-Xylenes	9.37	106	111619	3.670	ug/l	97
65) o-Xylene	9.77	106	54504	1.844	ug/l	92
66) Styrene	9.79	104	91713	1.834	ug/l	98
67) Bromoform	9.95	173	20366	1.957	ug/l	99
69) Isopropylbenzene	10.16	105	150305	1.942	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.45	83	43078	2.029	ug/l	98
71) 1,2,3-Trichloropropane	10.49	75	30957m	2.001	ug/l	
72) Bromobenzene	10.45	156	38993	1.986	ug/l	82
73) n-propylbenzene	10.58	120	39420	1.968	ug/l	98
74) 2-Chlorotoluene	10.66	126	36504	1.912	ug/l	99
75) 1,3,5-Trimethylbenzene	10.77	105	123242	1.802	ug/l	98
76) 4-Chlorotoluene	10.77	126	35729	1.809	ug/l	91
77) tert-Butylbenzene	11.10	119	116501	1.883	ug/l	97
78) 1,2,4-Trimethylbenzene	11.14	105	125110	1.804	ug/l	99
79) sec-Butylbenzene	11.32	105	167283	1.983	ug/l	100
80) Nitrobenzene	12.89	77	2720m	5.322	ug/l	
81) p-Isopropyltoluene	11.47	119	124632	1.837	ug/l	100
82) 1,3-Dichlorobenzene	11.41	146	80313	2.069	ug/l	100
83) 1,4-Dichlorobenzene	11.50	146	78355	2.102	ug/l	98
84) n-Butylbenzene	11.89	91	122166	1.891	ug/l	98
85) 1,2-Dichlorobenzene	11.88	146	74977	2.032	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.66	75	5956	1.949	ug/l	96
87) 1,2,4-Trichlorobenzene	13.50	180	36928	1.960	ug/l	97
88) Hexachlorobutadiene	13.69	225	26863	1.982	ug/l	96
89) Naphthalene	13.74	128	55143	1.856	ug/l	98
90) 1,2,3-Trichlorobenzene	13.98	180	35864	1.874	ug/l	98

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1446

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

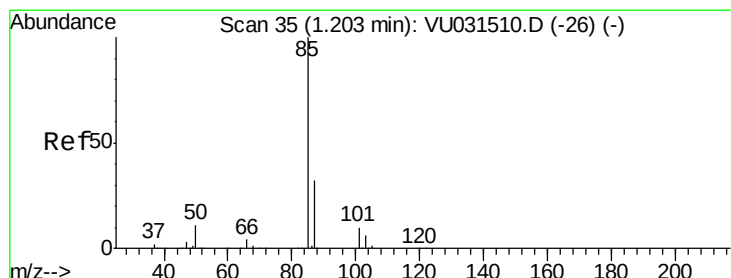
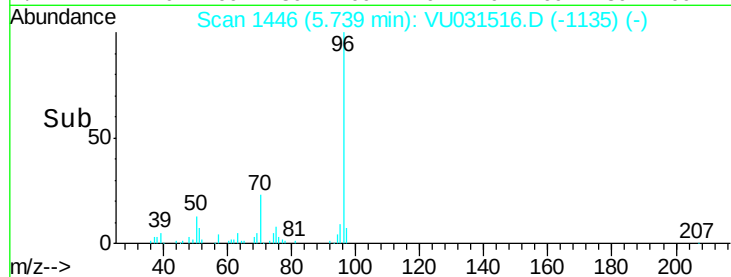
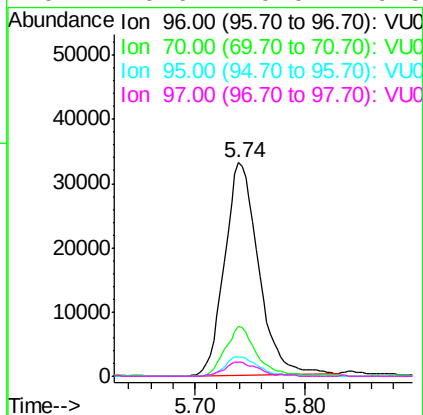
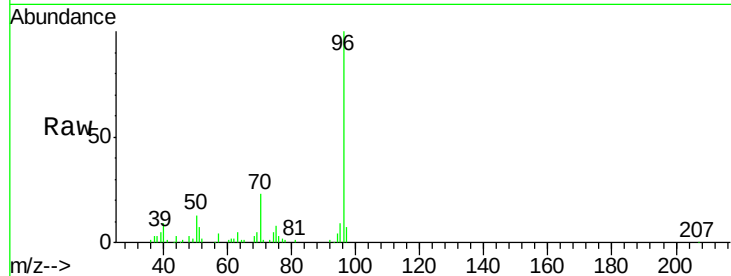
ClientSampleId :

VU0426WBS01

Tot Ion:	96	Resp:	70461
Ion	Ratio	Lower	Upper
96	100		
70	20.7	18.2	27.2
95	9.0	7.7	11.5
97	6.6	0.0	0.0#

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#2

Dichlorodifluoromethane

Concen: 1.965 ug/l

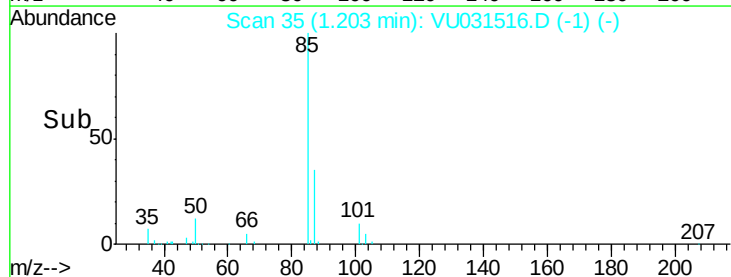
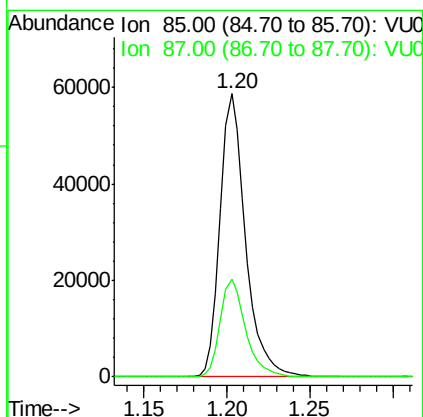
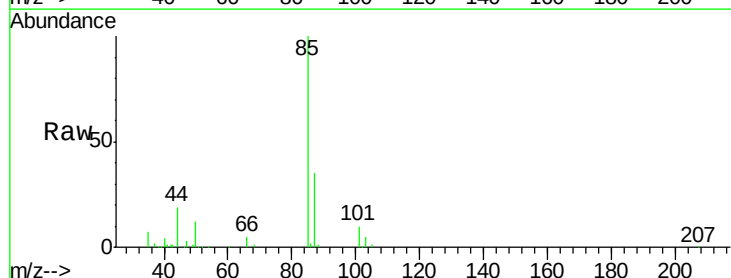
RT: 1.20 min Scan# 35

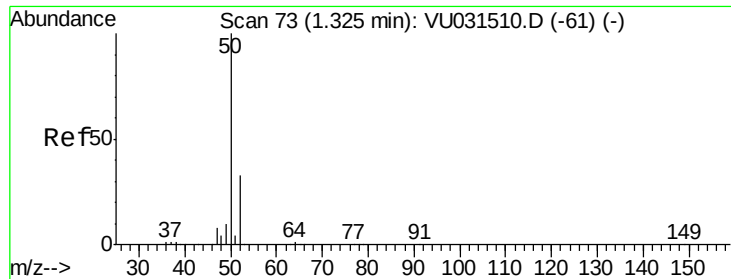
Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Tgt Ion:	85	Resp:	62493
Ion	Ratio	Lower	Upper
85	100		
87	34.6	16.1	48.2





#3

Chloromethane

Concen: 1.947 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

ClientSampleId :

VU0426WBS01

Tot Ion: 50 Resp: 73888

Ion Ratio Lower Upper

50 100

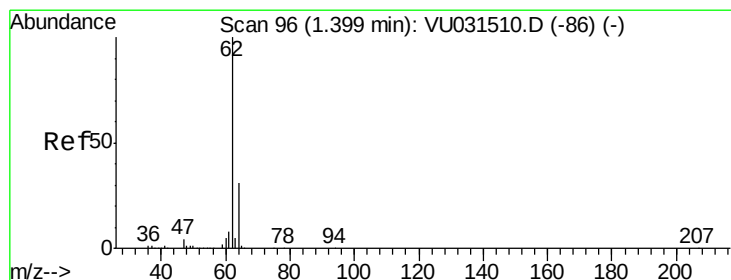
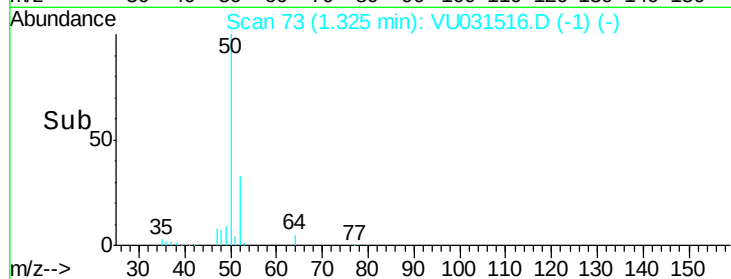
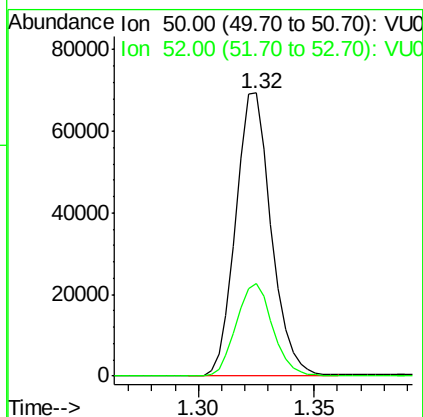
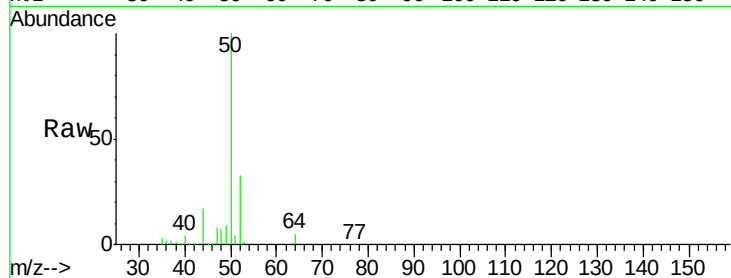
52 32.5 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 1.970 ug/l

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU031516.D

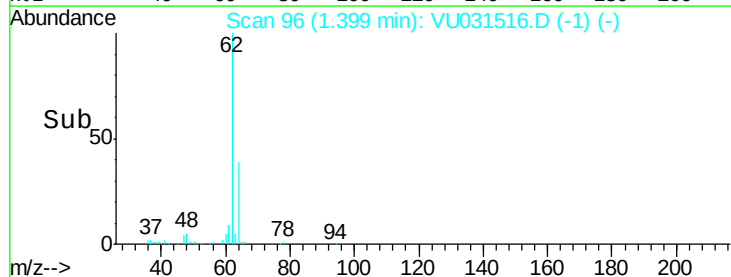
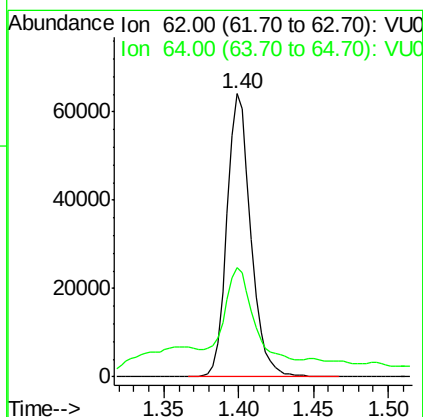
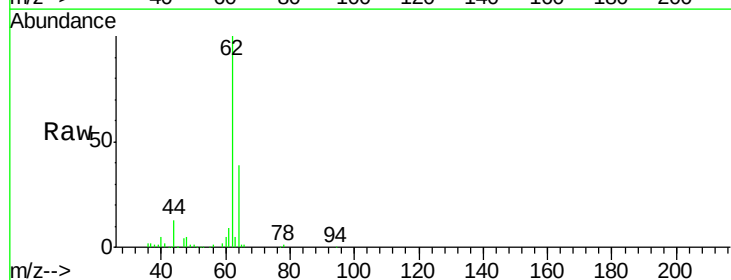
Acq: 26 Apr 2019 01:11

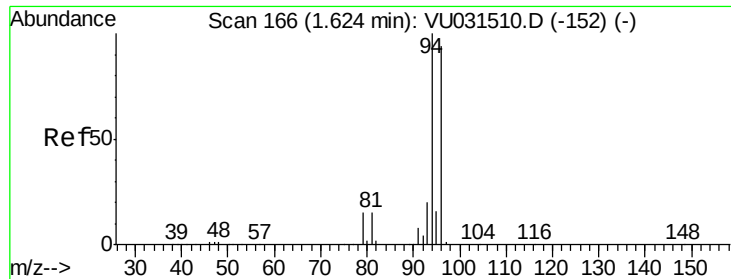
Tgt Ion: 62 Resp: 71197

Ion Ratio Lower Upper

62 100

64 33.1 25.5 38.3





#5

Bromomethane

Concen: 2.186 ug/l

RT: 1.63 min Scan# 167

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

ClientSampleId :

VU0426WBS01

Tot Ion: 94 Resp: 38286

Ion Ratio Lower Upper

94 100

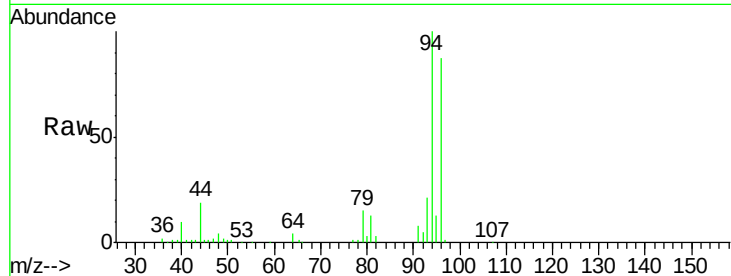
96 87.3 75.5 113.3

Manual Integrations

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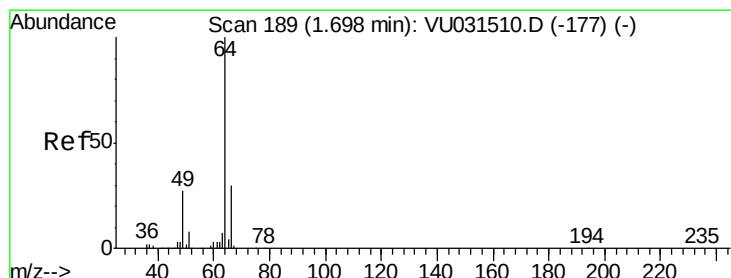
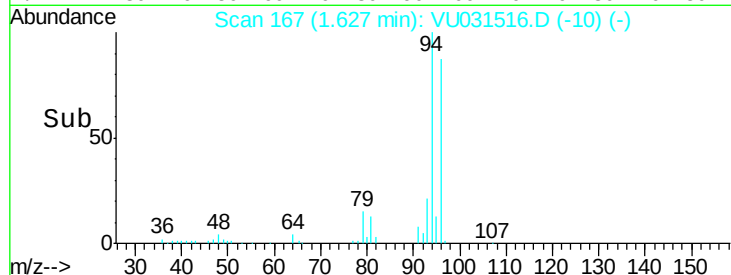
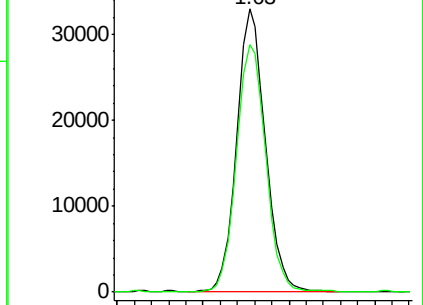
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Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 1.940 ug/l

RT: 1.70 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU031516.D

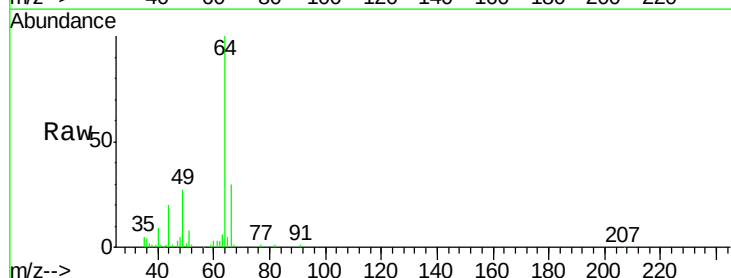
Acq: 26 Apr 2019 01:11

Tgt Ion: 64 Resp: 38773

Ion Ratio Lower Upper

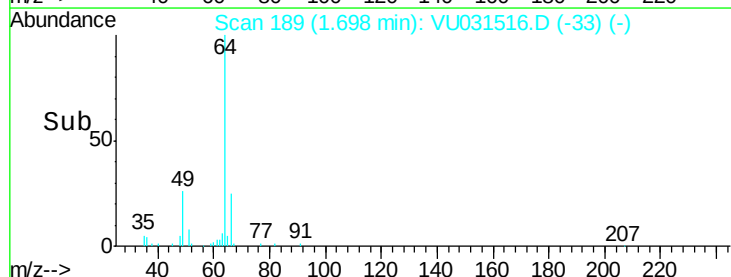
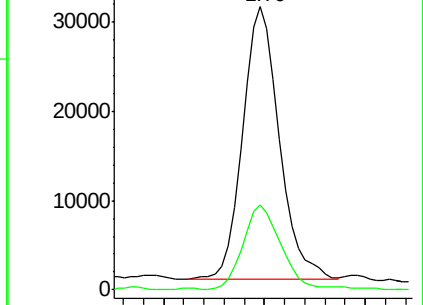
64 100

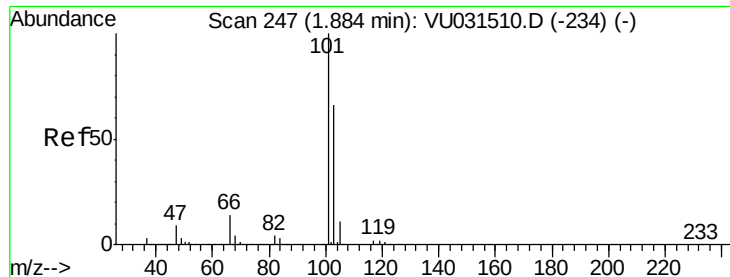
66 30.6 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0





#7

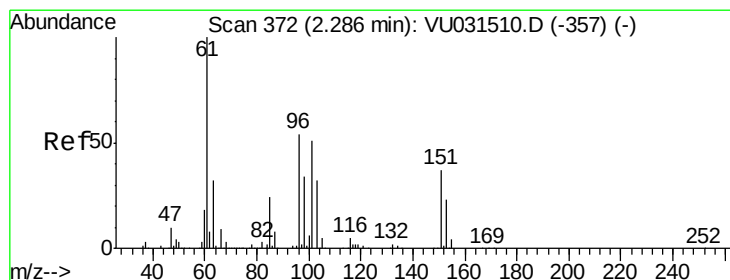
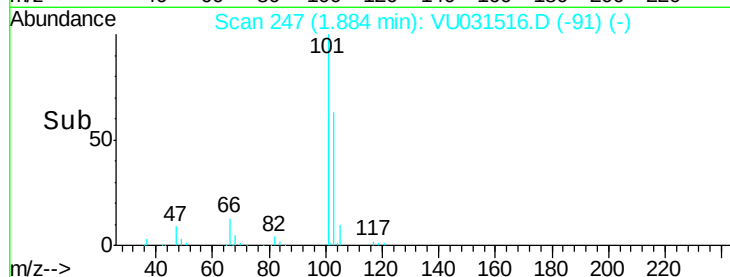
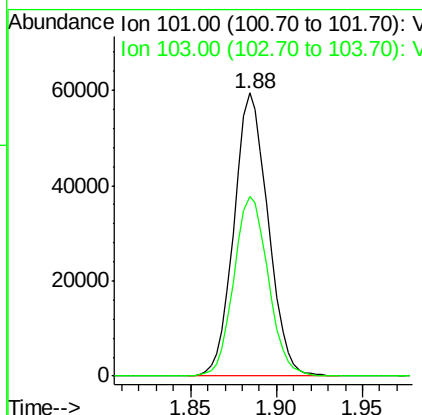
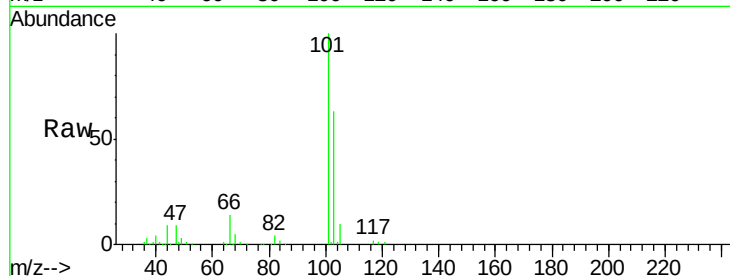
Trichlorofluoromethane
 Concen: 1.991 ug/l
 RT: 1.88 min Scan# 247
 Delta R.T. 0.00 min
 Lab File: VU031516.D
 Acq: 26 Apr 2019 01:11

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 VU0426WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	52.8	79.2

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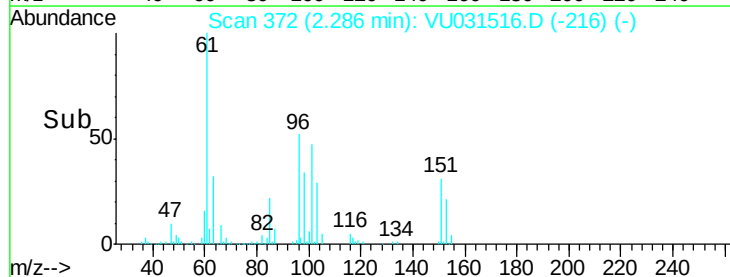
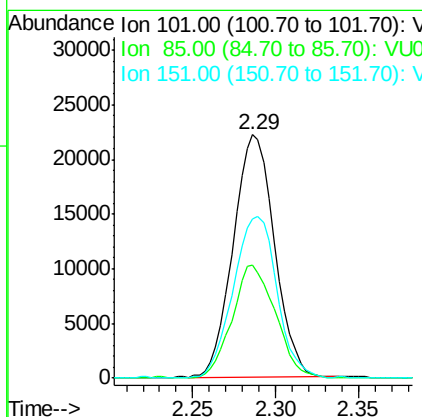
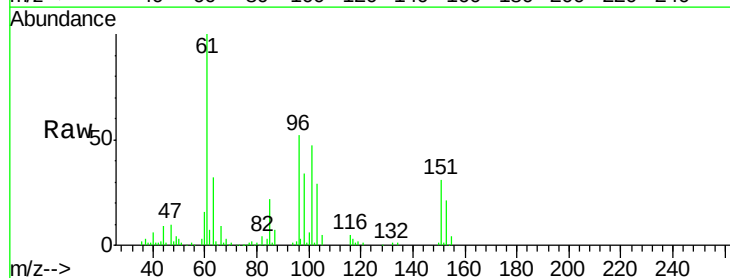
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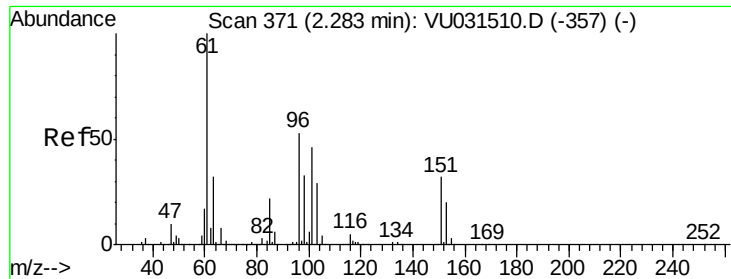


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.899 ug/l
 RT: 2.29 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: VU031516.D
 Acq: 26 Apr 2019 01:11

Tgt Ion	Ratio	Lower	Upper
101	100		
85	48.6	37.8	56.6
151	70.5	57.4	86.0





#9

1,1-Dichloroethene

Concen: 1.990 ug/l

RT: 2.28 min Scan# 371

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

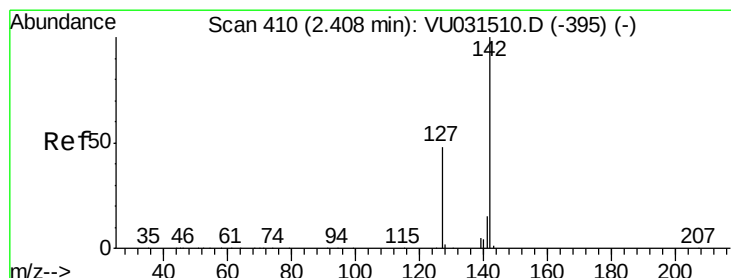
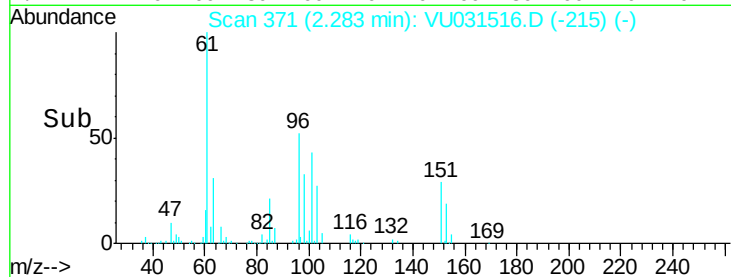
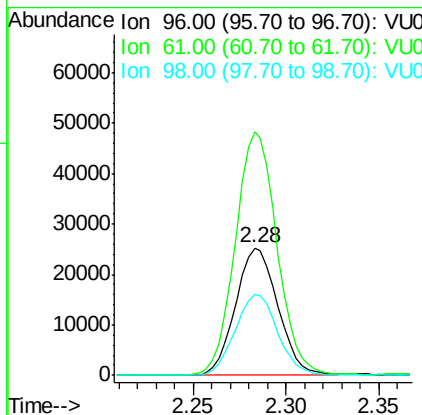
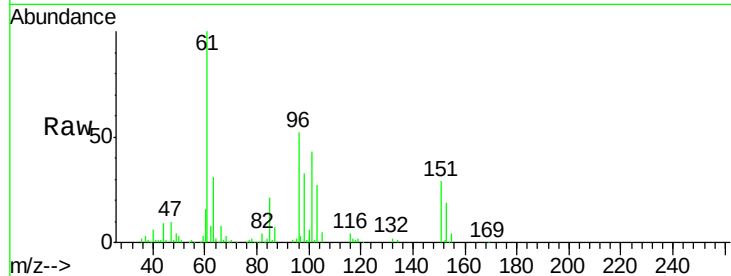
ClientSampleId :

VU0426WBS01

Tot Ion:	96	Resp:	40151
Ion	Ratio	Lower	Upper
96	100		
61	190.2	0.0	566.7
98	63.4	0.0	126.4

Manual Integrations
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#10

Iodomethane

Concen: 1.495 ug/l

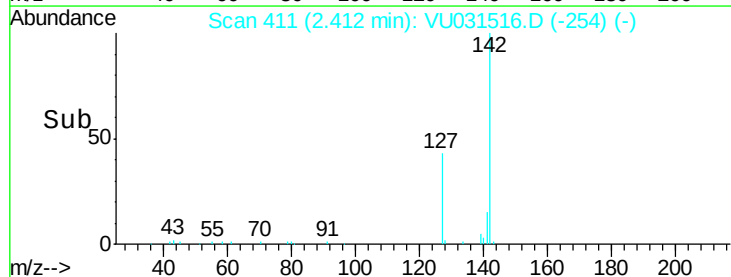
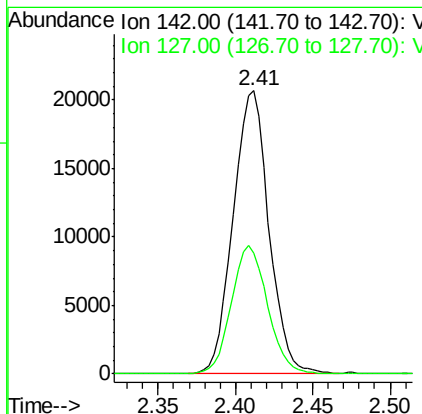
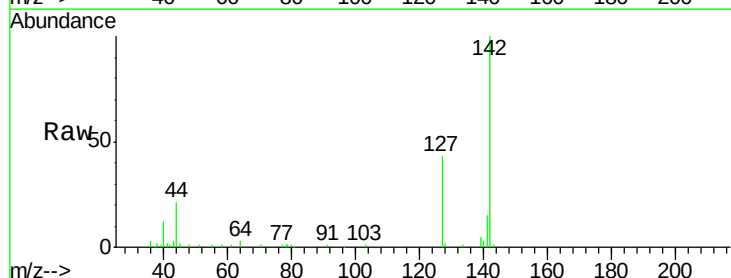
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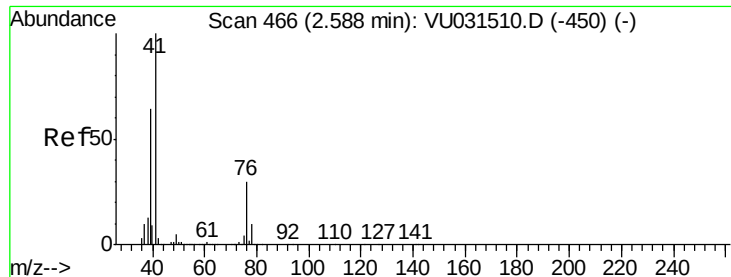
Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Tgt Ion:	142	Resp:	33184
Ion	Ratio	Lower	Upper
142	100		
127	45.5	38.2	57.2





#11

Allvl Chloride

Concen: 1.977 ug/l

RT: 2.59 min Scan# 466

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

ClientSampleId :

VU0426WBS01

Tot Ion: 41 Resp: 87381

Ion Ratio Lower Upper

41 100

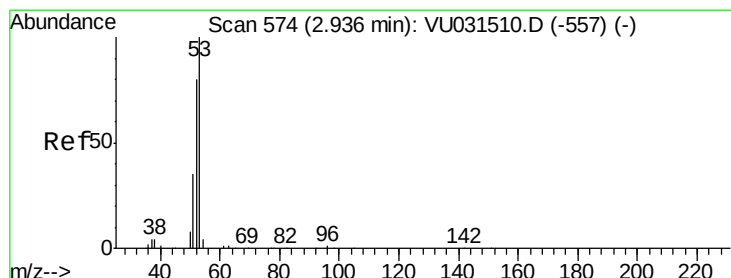
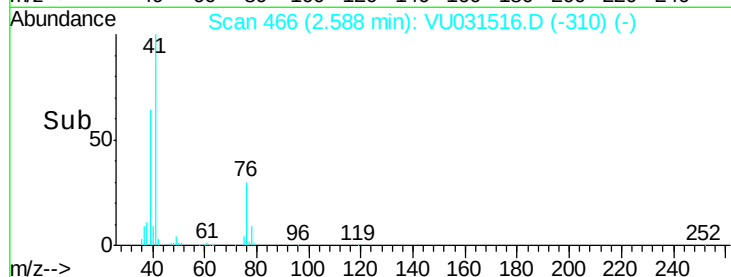
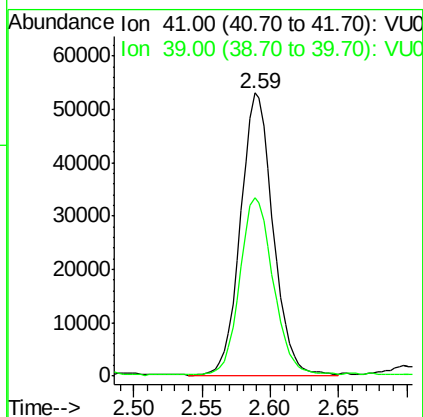
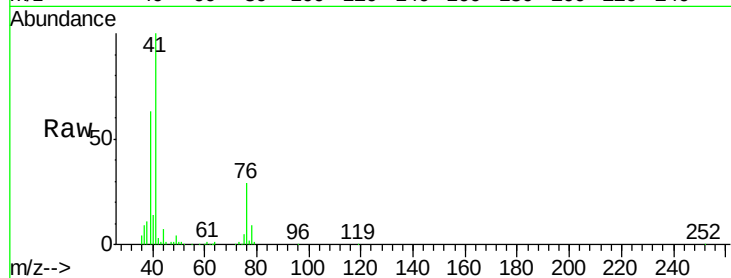
39 63.7 51.4 77.0

Manual Integrations

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MMdadoda

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#12

Acrylonitrile

Concen: 3.962 ug/l

RT: 2.94 min Scan# 575

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

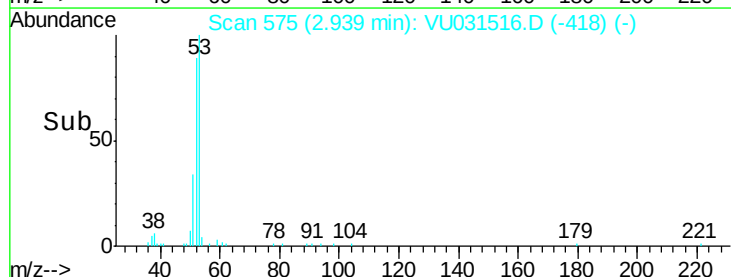
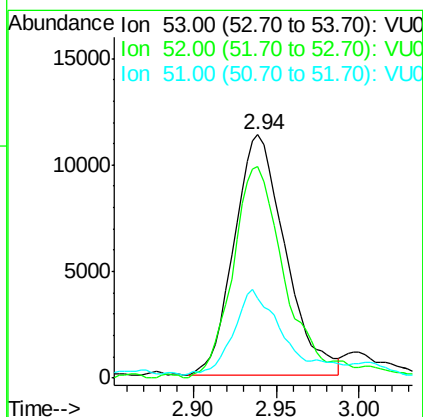
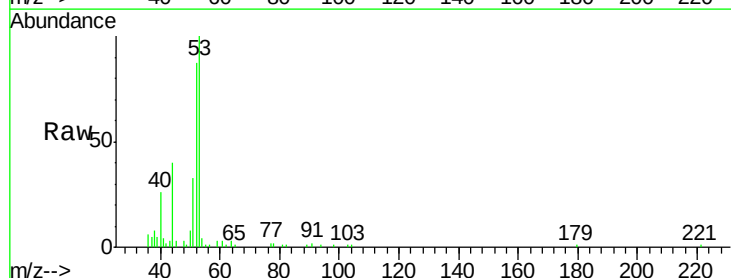
Tgt Ion: 53 Resp: 24217

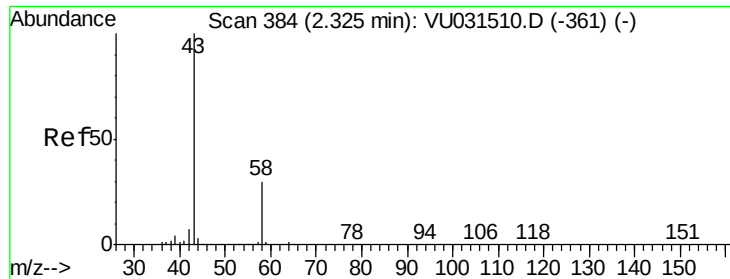
Ion Ratio Lower Upper

53 100

52 90.1 69.4 104.0

51 34.8 27.5 41.3





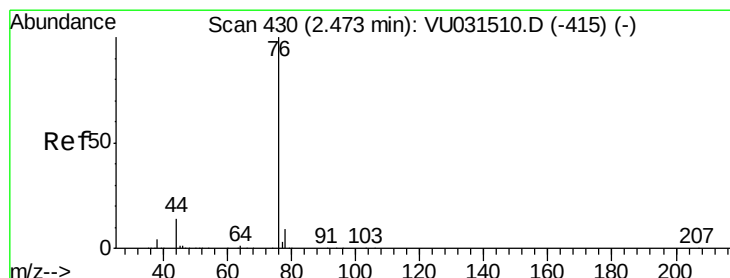
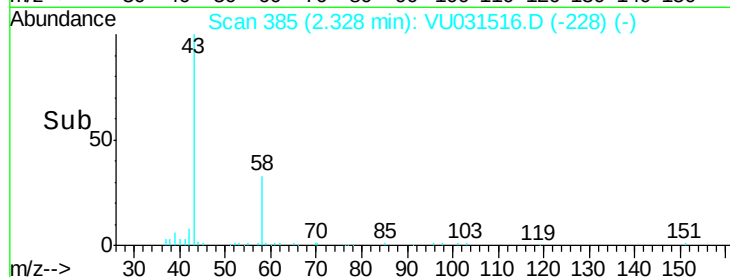
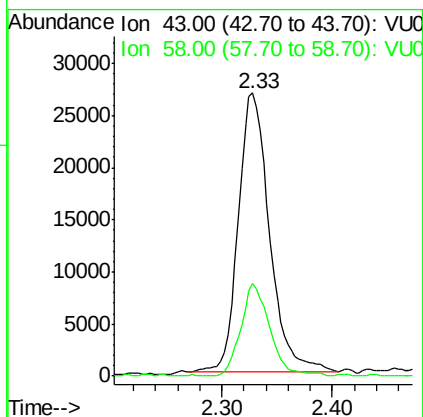
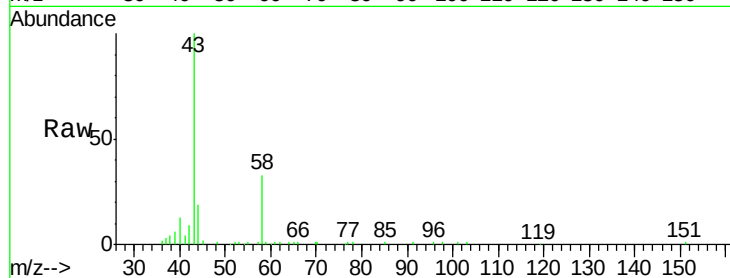
#13
Acetone
Concen: 9.464 ug/l
RT: 2.33 min Scan# 385
Delta R.T. 0.00 min
Lab File: VU031516.D
Acq: 26 Apr 2019 01:11

Instrument :
MSVOA_U
ClientSampleId :
VU0426WBS01

Tot Ion: 43 Resp: 52707
Ion Ratio Lower Upper
43 100
58 33.1 24.1 36.1

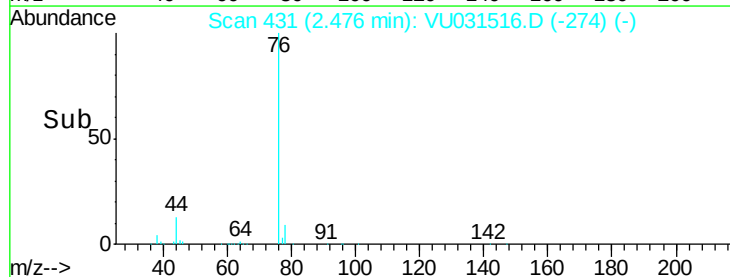
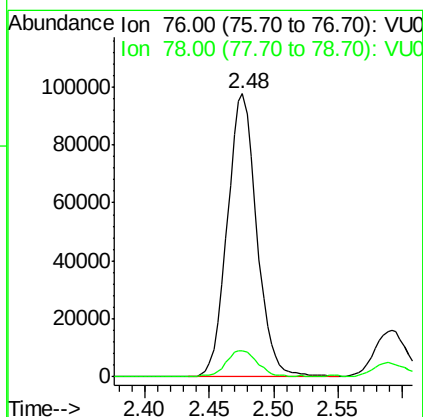
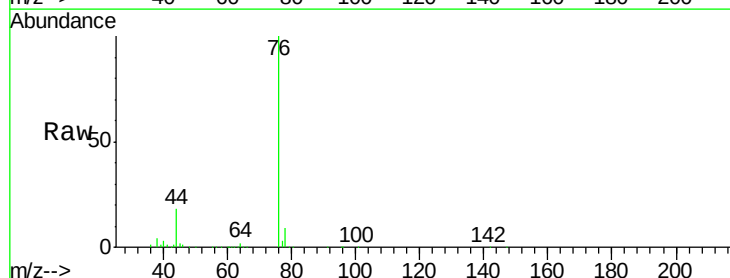
Manual Integrations
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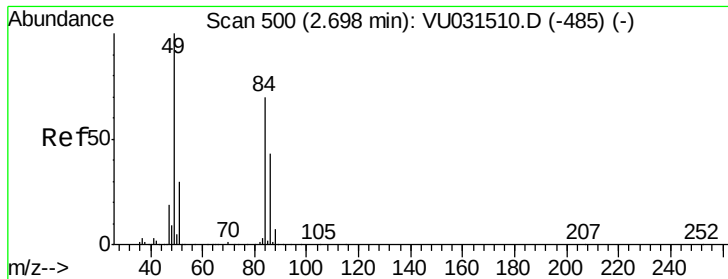
MMdadoda
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#14
Carbon Disulfide
Concen: 2.000 ug/l
RT: 2.48 min Scan# 431
Delta R.T. 0.00 min
Lab File: VU031516.D
Acq: 26 Apr 2019 01:11

Tgt Ion: 76 Resp: 154897
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8





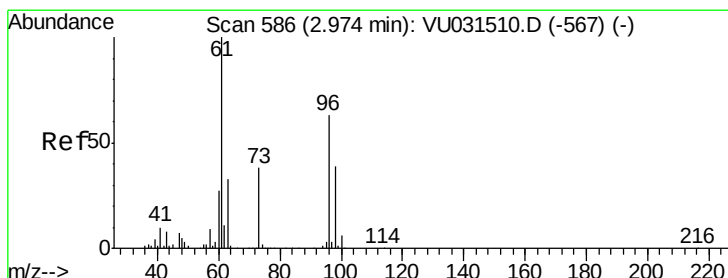
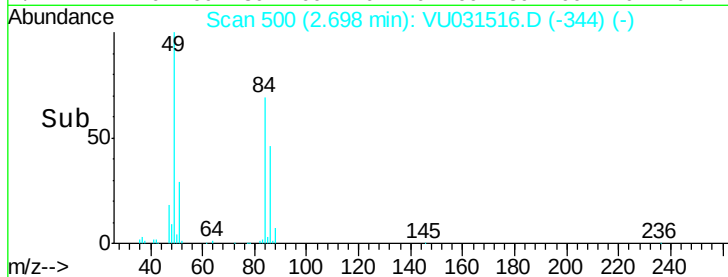
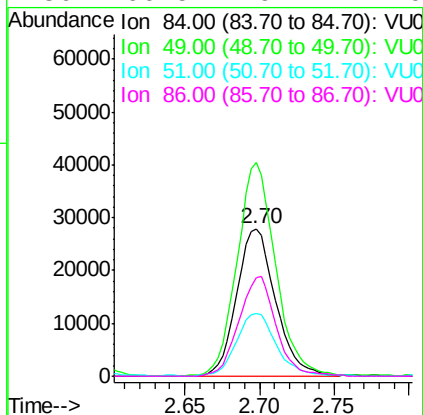
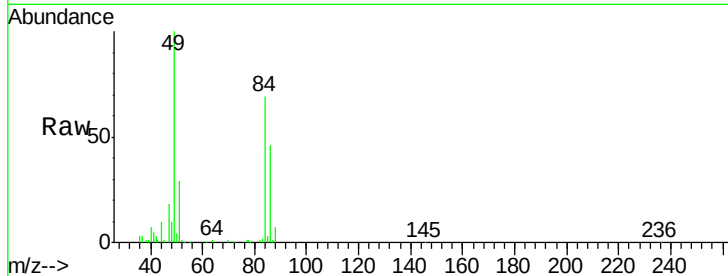
#15
Methylene Chloride
Concen: 1.976 ug/l
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU031516.D
Acq: 26 Apr 2019 01:11

Instrument :
MSVOA_U
ClientSampleId :
VU0426WBS01

Tot Ion:	84	Resp:	50531
Ion	Ratio	Lower	Upper
84	100		
49	144.3	113.6	170.4
51	42.7	0.0	85.6
86	66.5	49.4	74.0

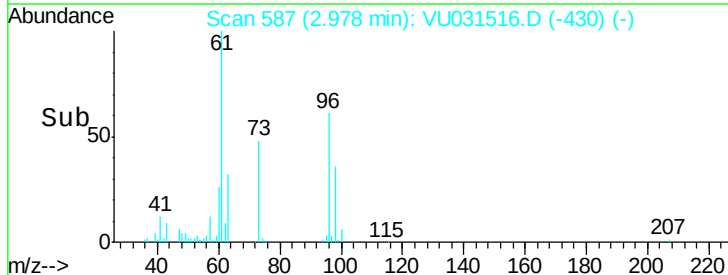
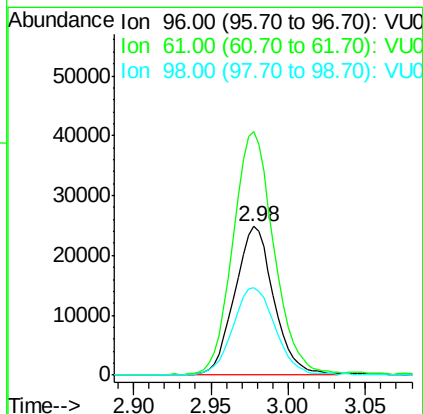
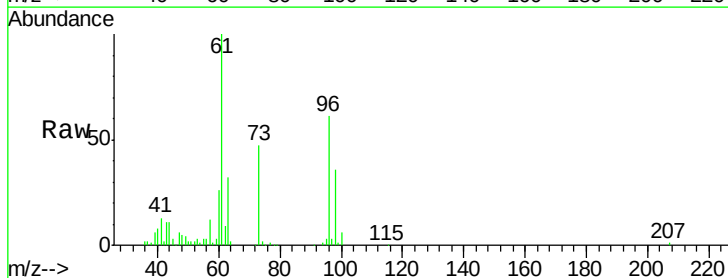
Manual Integrations
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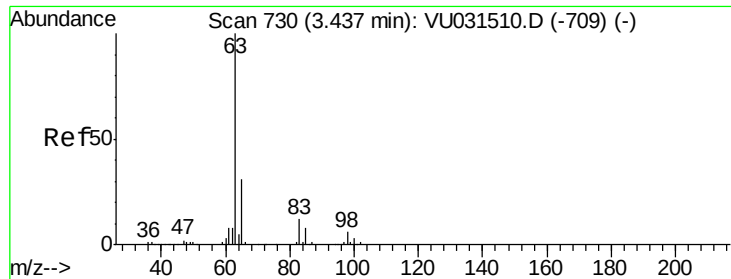
MMdadoda
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#16
trans-1,2-Dichloroethene
Concen: 1.933 ug/l
RT: 2.98 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU031516.D
Acq: 26 Apr 2019 01:11

Tgt Ion:	96	Resp:	43639
Ion	Ratio	Lower	Upper
96	100		
61	162.9	127.2	190.8
98	58.5	49.4	74.0





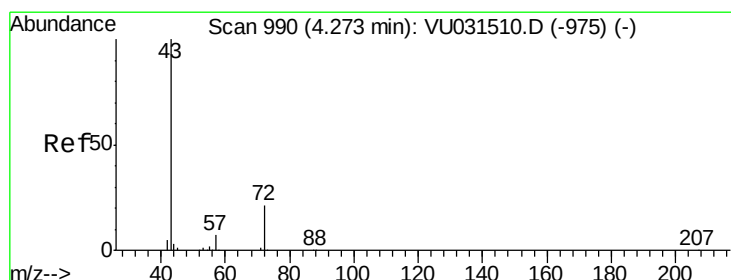
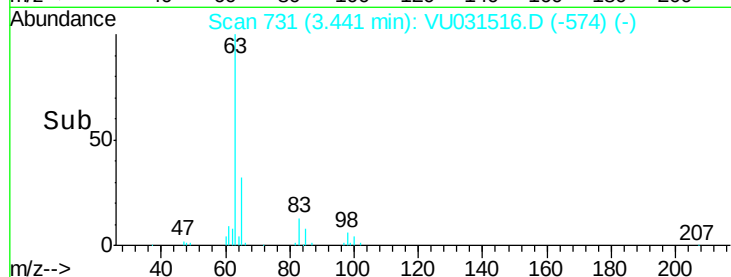
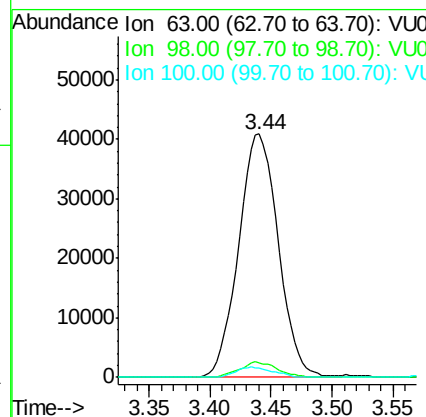
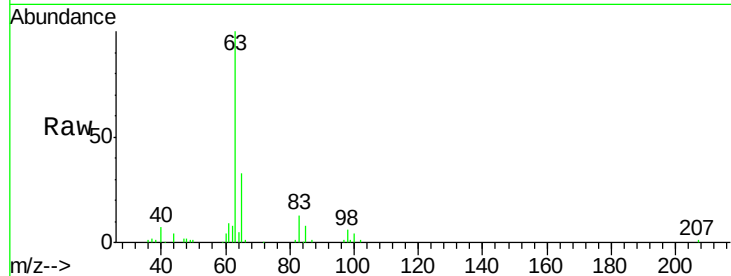
#17
 1,1-Dichloroethane
 Concen: 1.958 ug/l
 RT: 3.44 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: VU031516.D
 Acq: 26 Apr 2019 01:11

Instrument :
 MSVOA_U
 ClientSampled :
 VU0426WBS01

Tot Ion	Ratio	Resp	Lower	Upper
63	100	92141		
98	6.0		3.0	9.2
100	3.7		1.7	5.1

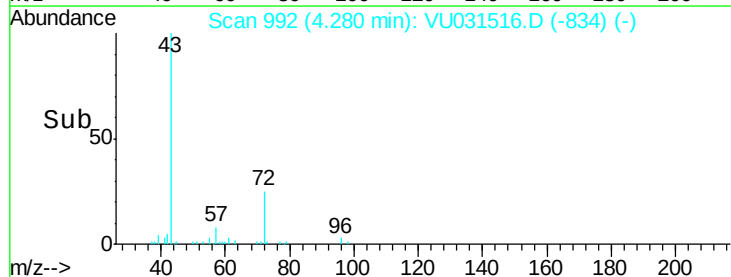
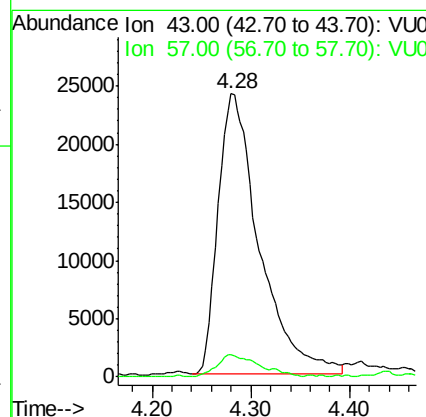
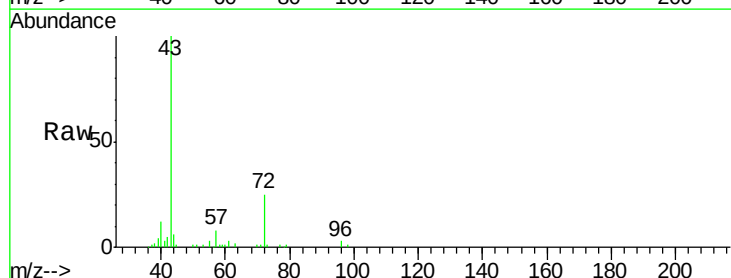
Manual Integrations
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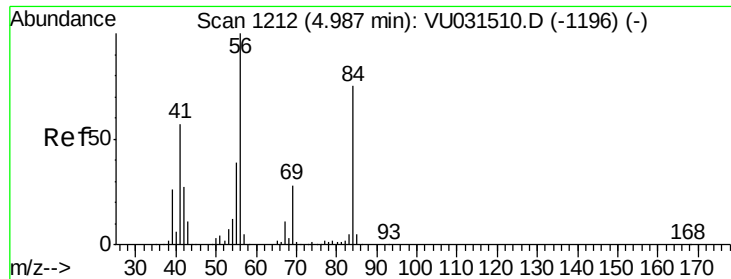
MMDadoda
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#18
 2-Butanone
 Concen: 9.673 ug/l
 RT: 4.28 min Scan# 992
 Delta R.T. 0.01 min
 Lab File: VU031516.D
 Acq: 26 Apr 2019 01:11

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	70393		
57	8.1		0.0	14.2





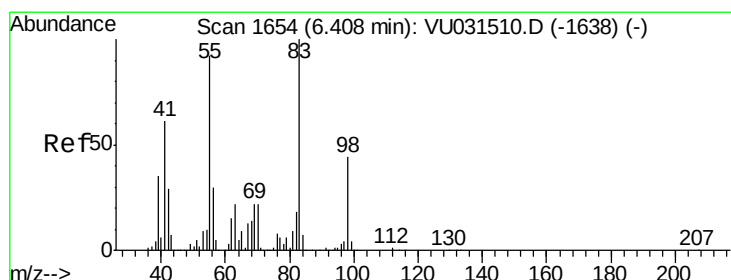
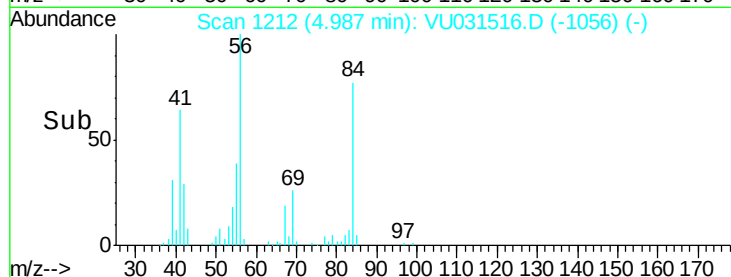
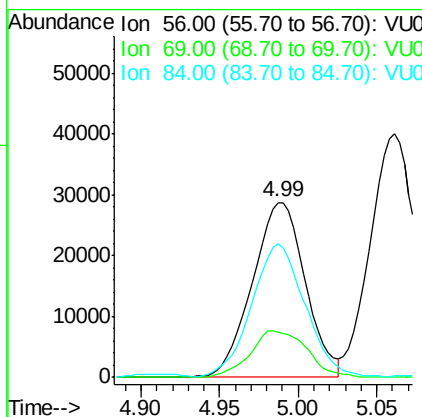
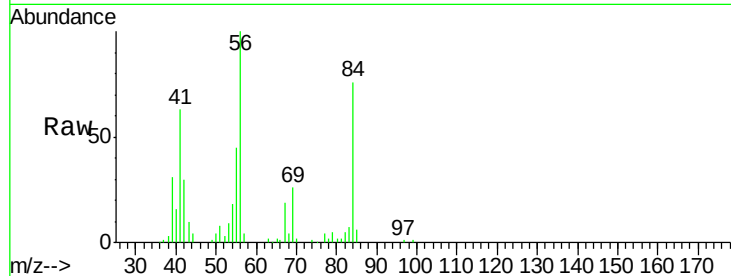
#19
Cyclohexane
Concen: 1.852 ug/l m
RT: 4.99 min Scan# 1212
Delta R.T. 0.00 min
Lab File: VU031516.D
Acq: 26 Apr 2019 01:11

Instrument :
MSVOA_U
ClientSampleId :
VU0426WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.6	22.4	33.6
84	76.0	59.0	88.4

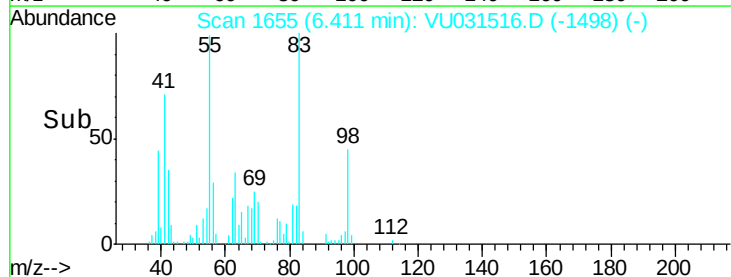
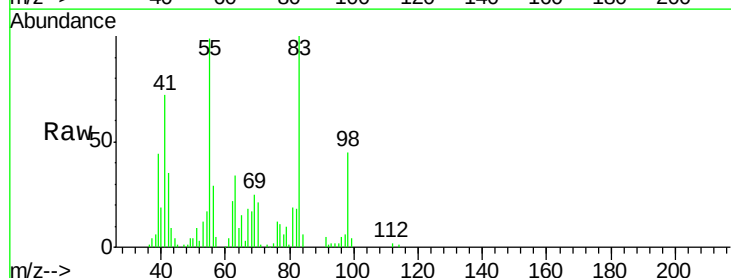
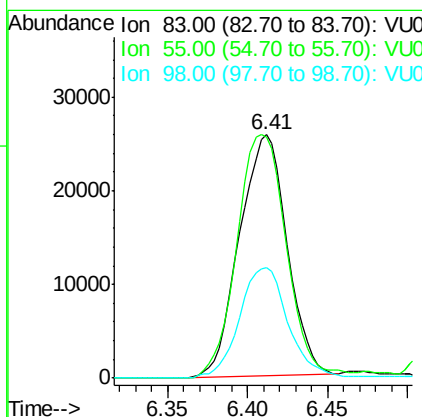
Manual Integrations
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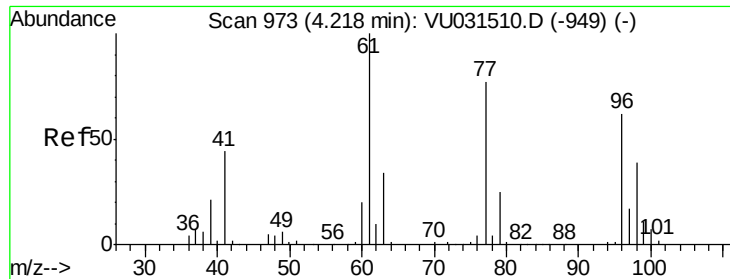
MMdadoda
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#20
Methylcyclohexane
Concen: 1.803 ug/l
RT: 6.41 min Scan# 1655
Delta R.T. 0.00 min
Lab File: VU031516.D
Acq: 26 Apr 2019 01:11

Tgt Ion	Ratio	Lower	Upper
83	100		
55	102.5	73.7	110.5
98	46.2	35.2	52.8





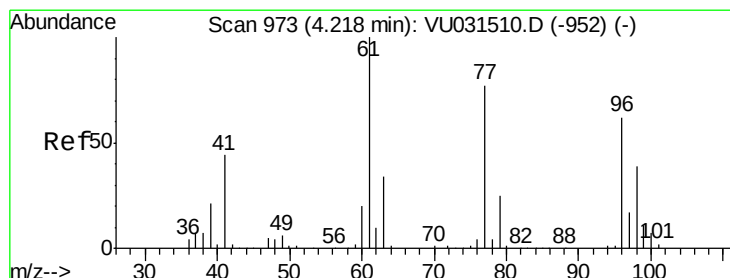
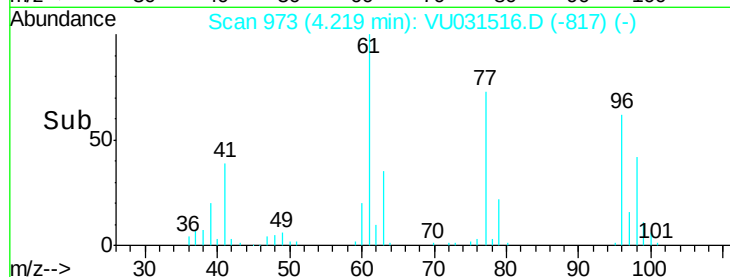
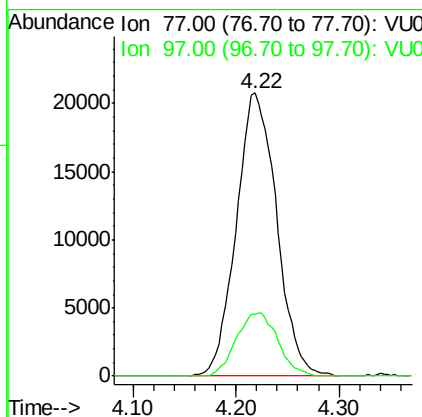
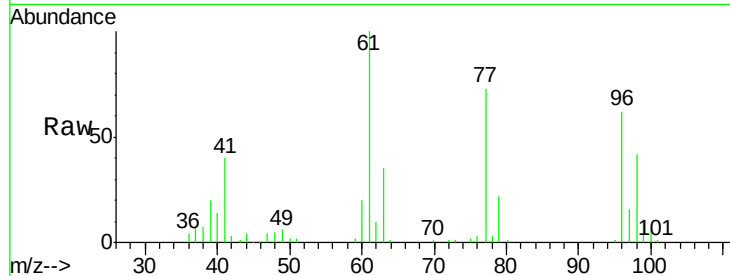
#21
 2,2-Dichloropropane
 Concen: 1.642 ug/l
 RT: 4.22 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: VU031516.D
 Acq: 26 Apr 2019 01:11

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0426WBS01

Tot Ion: 77 Resp: 56475
 Ion Ratio Lower Upper
 77 100
 97 22.8 17.5 26.3

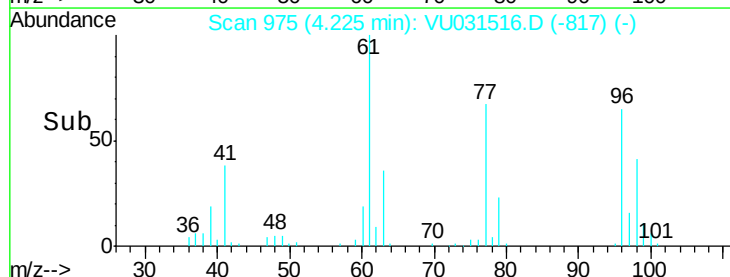
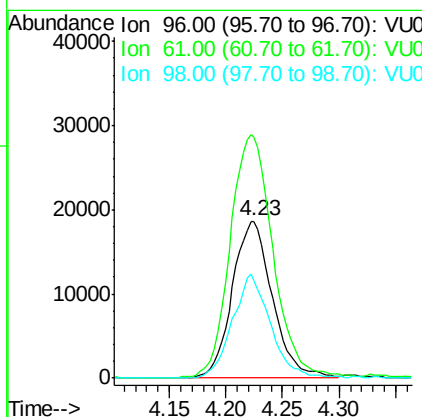
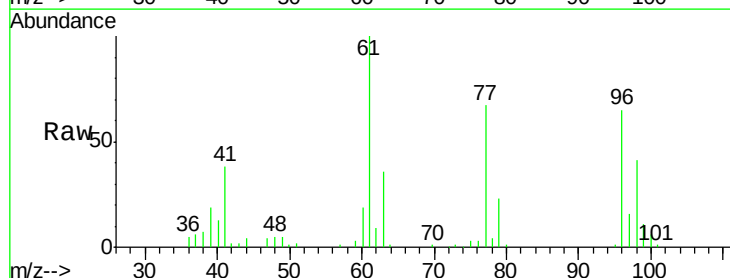
Manual Integrations
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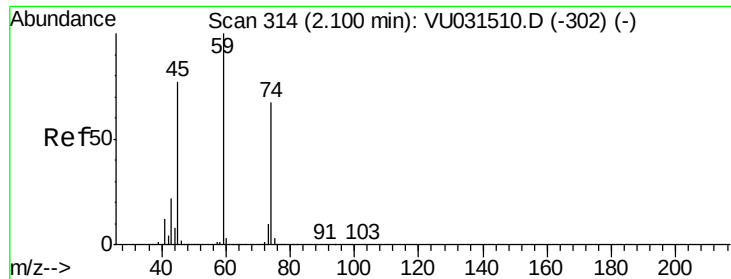
MMdadoda
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#22
 cis-1,2-Dichloroethene
 Concen: 1.908 ug/l
 RT: 4.23 min Scan# 975
 Delta R.T. 0.01 min
 Lab File: VU031516.D
 Acq: 26 Apr 2019 01:11

Tgt Ion: 96 Resp: 46075
 Ion Ratio Lower Upper
 96 100
 61 165.7 0.0 408.8
 98 62.7 31.1 93.3





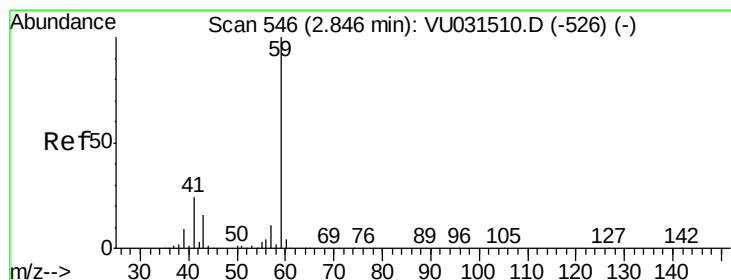
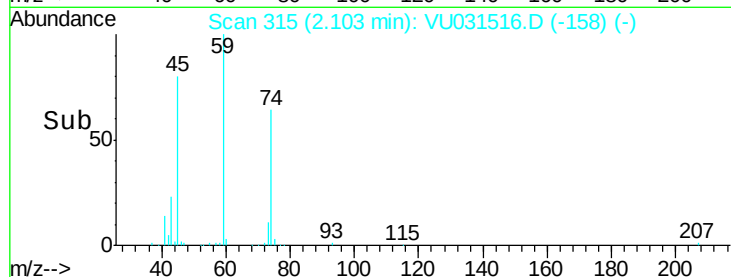
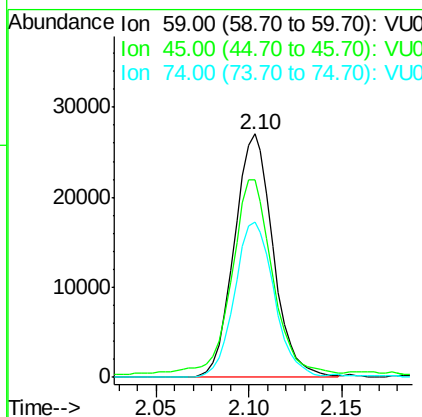
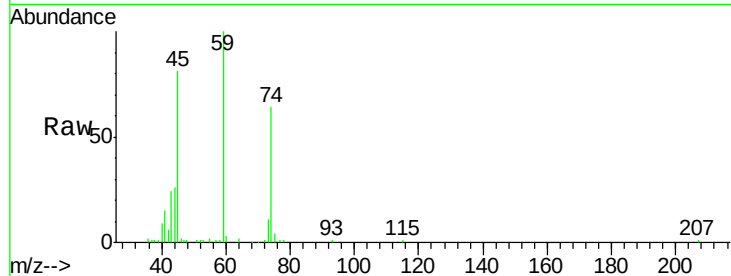
#23
Diethyl Ether
Concen: 2.029 ug/l
RT: 2.10 min Scan# 315
Delta R.T. 0.00 min
Lab File: VU031516.D
Acq: 26 Apr 2019 01:11

Instrument :
MSVOA_U
ClientSampleId :
VU0426WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	100		39238		
45	88.9	64.5	96.7		
74	65.0	54.6	81.8		

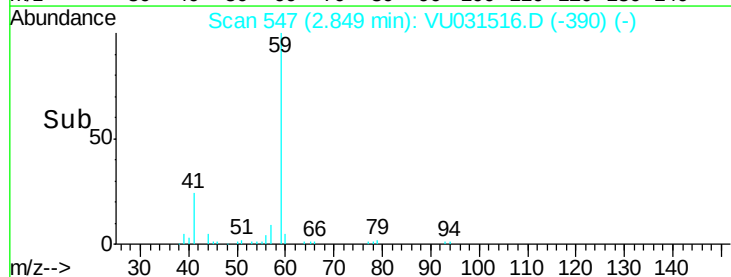
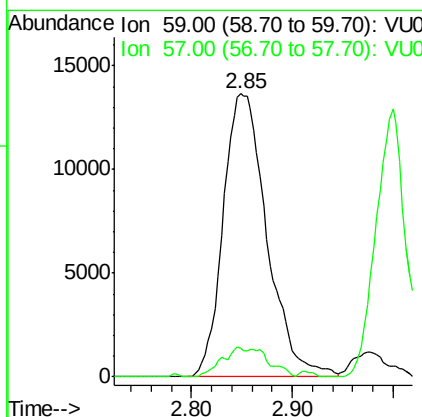
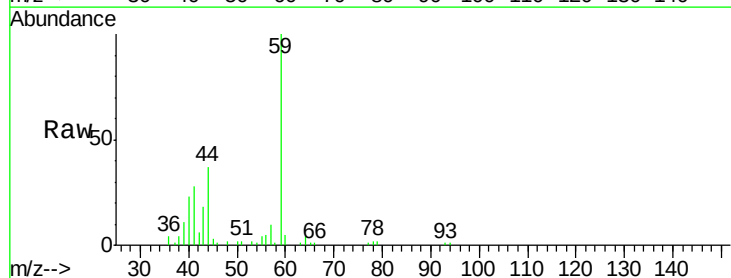
Manual Integrations
APPROVED

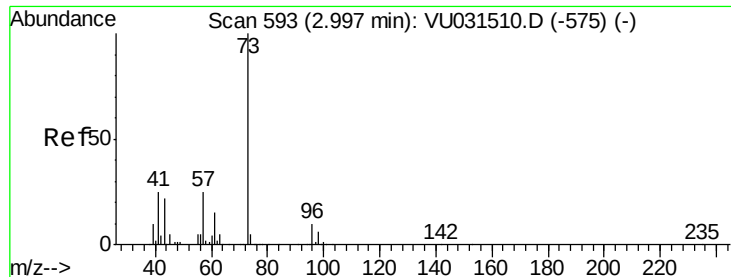
MMDadoda
4/26/2019 12:23:10 PM



#24
tert-Butyl Alcohol
Concen: 20.495 ug/l
RT: 2.85 min Scan# 547
Delta R.T. 0.00 min
Lab File: VU031516.D
Acq: 26 Apr 2019 01:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
59	100		41099		
57	6.0	8.2	12.2		





#25

Methyl tert-Butyl Ether

Concen: 2.047 ug/l

RT: 3.00 min Scan# 593

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Tot Ion: 73 Resp: 120218

Ion Ratio Lower Upper

73 100

43 22.3 16.9 25.3

Instrument :

MSVOA_U

ClientSampleId :

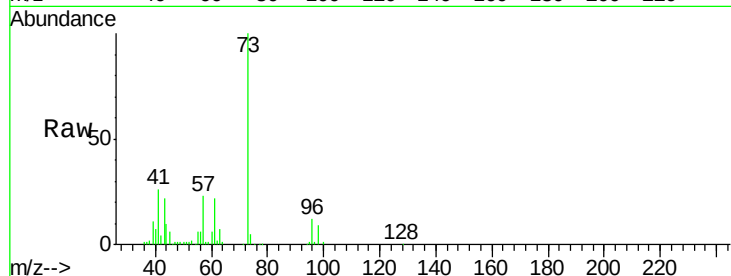
VU0426WBS01

Manual Integrations

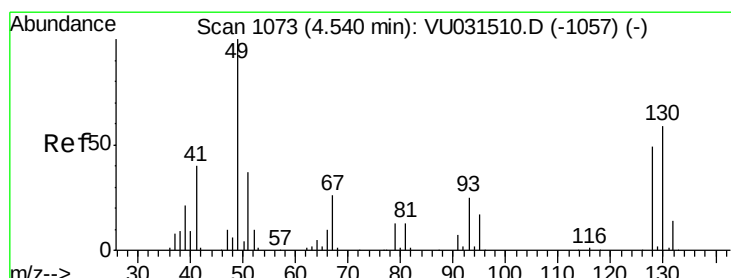
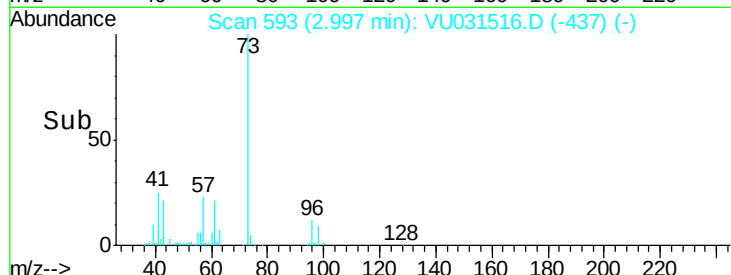
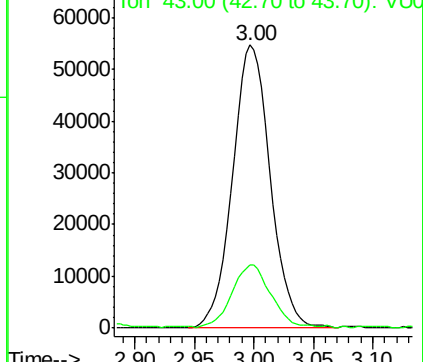
APPROVED

MMdadoda

4/26/2019 12:23:10 PM



Abundance Ion 73.00 (72.70 to 73.70): VU031516.D (-437) (-)



#26

Bromochloromethane

Concen: 1.916 ug/l

RT: 4.54 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

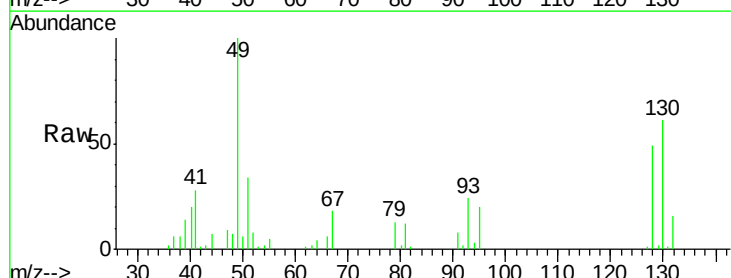
Tgt Ion: 128 Resp: 19549

Ion Ratio Lower Upper

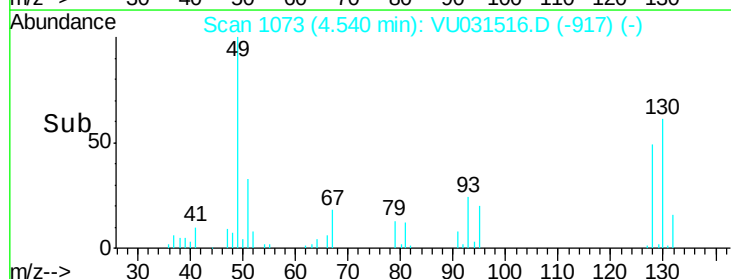
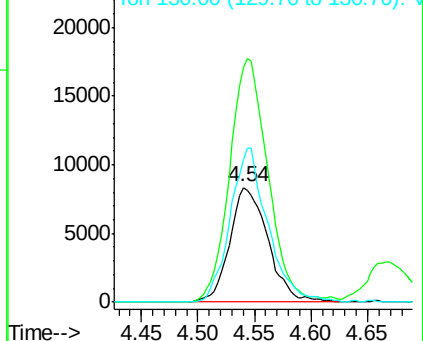
128 100

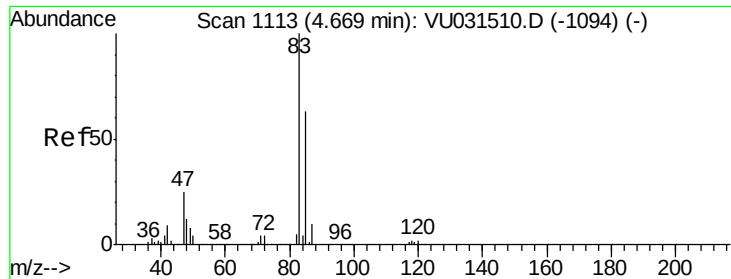
49 212.9 0.0 407.2

130 132.9 101.4 152.2



Abundance Ion 128.00 (127.70 to 128.70): VU031516.D (-917) (-)





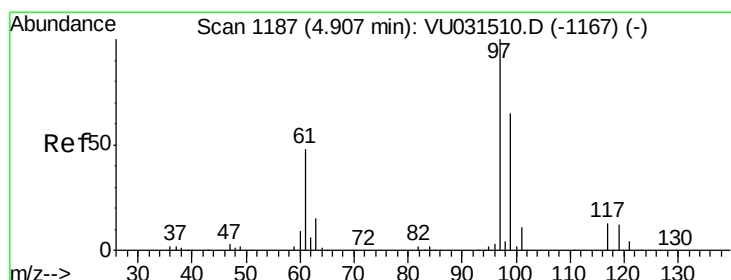
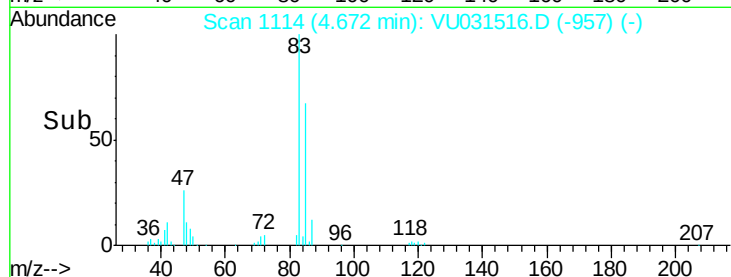
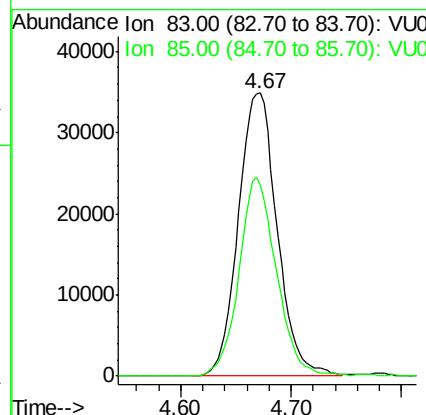
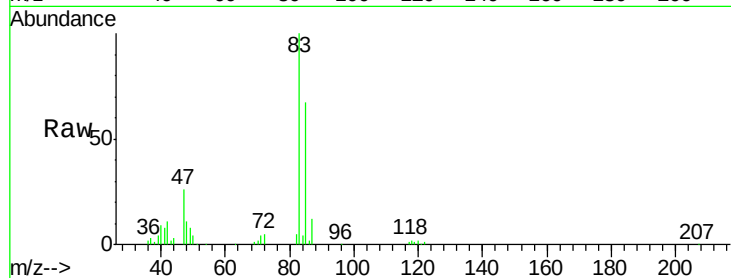
#27
Chloroform
Concen: 1.950 ug/l
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU031516.D
Acq: 26 Apr 2019 01:11

Instrument :
MSVOA_U
ClientSampleId :
VU0426WBS01

Tot Ion	83	85	Resp	Lower	Upper
83	100				
85	67.4		0.0	126.2	

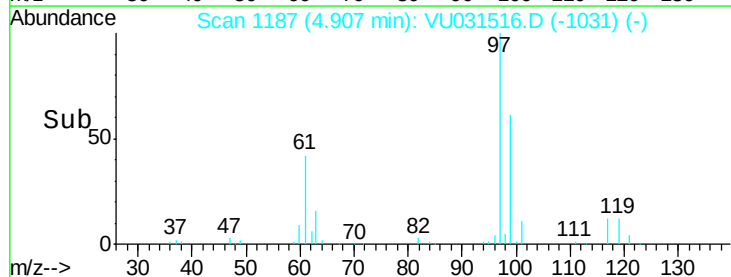
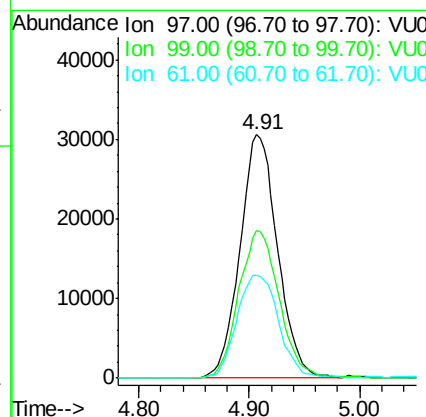
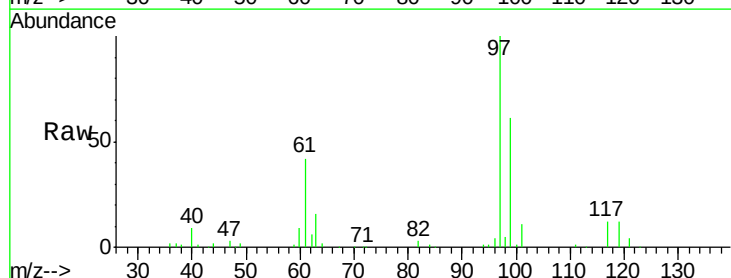
Manual Integrations
APPROVED

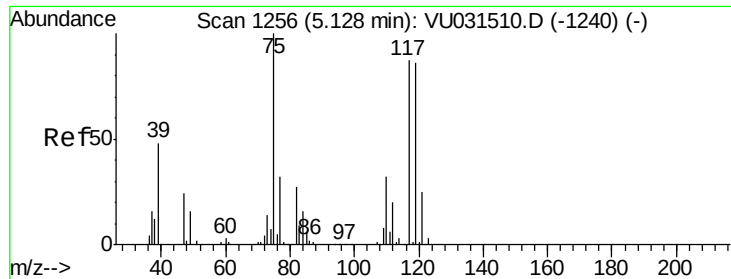
MMdadoda
4/26/2019 12:23:10 PM



#28
1,1,1-Trichloroethane
Concen: 1.966 ug/l
RT: 4.91 min Scan# 1187
Delta R.T. 0.00 min
Lab File: VU031516.D
Acq: 26 Apr 2019 01:11

Tgt Ion	97	99	61	Resp	Lower	Upper
97	100					
99	65.3			32.0	96.2	
61	46.8			24.0	72.0	





#29

1,1-Dichloropropene

Concen: 1.980 ug/l

RT: 5.13 min Scan# 1256

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

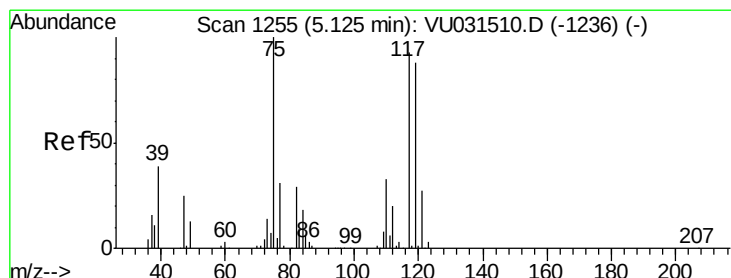
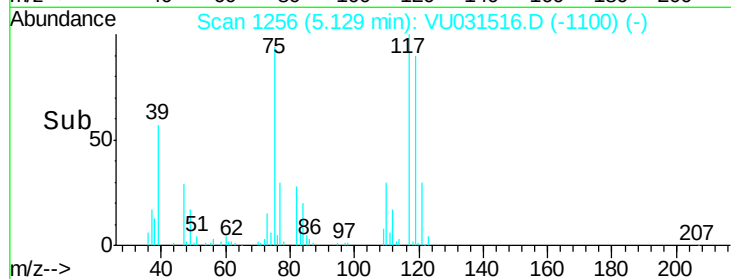
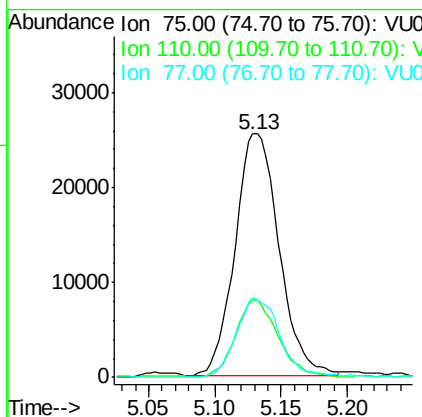
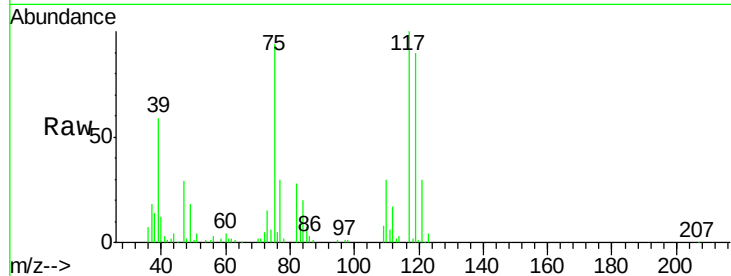
ClientSampleId :

VU0426WBS01

Tot Ion:	75	Resp:	58914
Ion Ratio	Lower	Upper	
75	100		
110	31.2	16.4	49.1
77	32.6	25.0	37.6

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#30

Carbon Tetrachloride

Concen: 1.987 ug/l

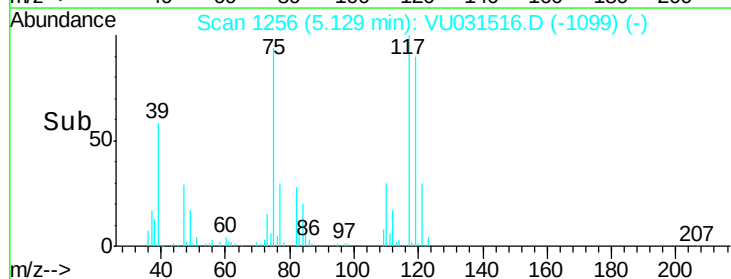
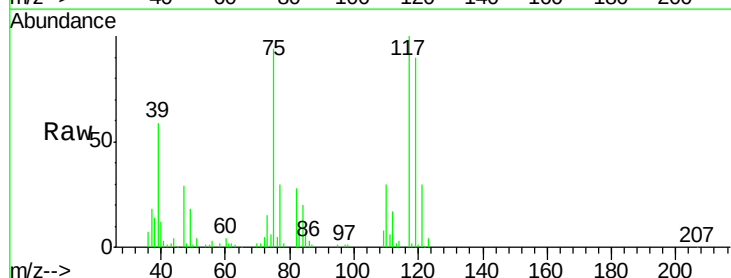
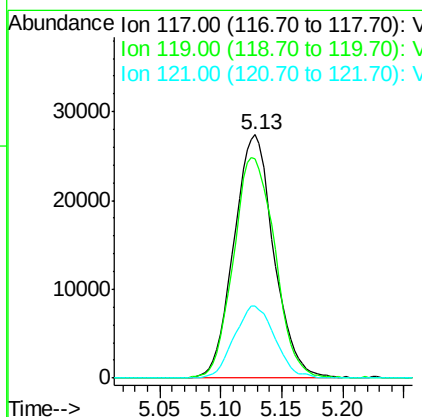
RT: 5.13 min Scan# 1256

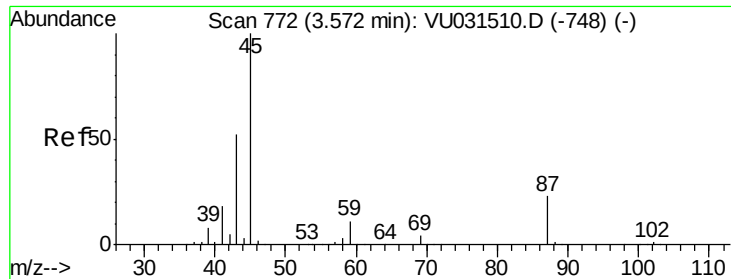
Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Tgt Ion:	117	Resp:	62183
Ion Ratio	Lower	Upper	
117	100		
119	89.8	76.1	114.1
121	29.8	23.3	34.9





#31

Isopropyl Ether

Concen: 1.960 ug/l

RT: 3.57 min Scan# 772

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Tot Ion: 45 Resp: 138178

Ion Ratio Lower Upper

45 100

43 54.1 26.0 78.0

Instrument :

MSVOA_U

ClientSampleId :

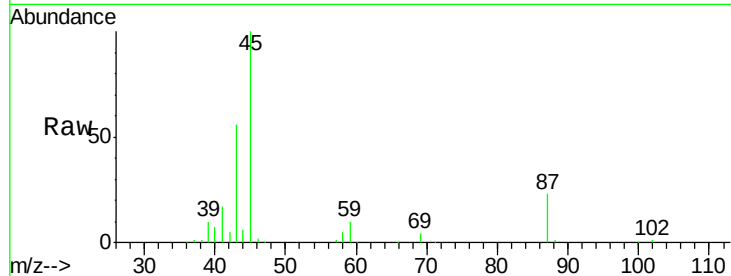
VU0426WBS01

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Abundance Ion 45.00 (44.70 to 45.70): VU031516.D (-616) (-)

Ion 43.00 (42.70 to 43.70): VU031516.D (-616) (-)

3.57

60000

50000

40000

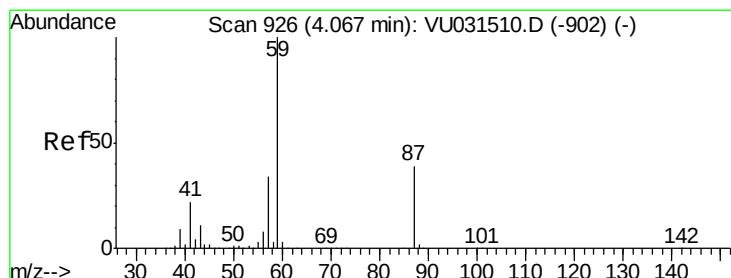
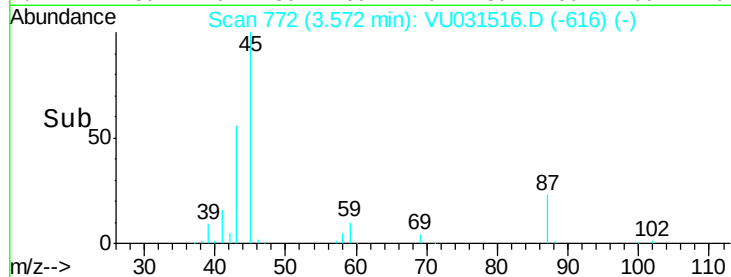
30000

20000

10000

0

Time-->



#32

Ethyl-t-butyl ether

Concen: 1.912 ug/l

RT: 4.06 min Scan# 925

Delta R.T. -0.00 min

Lab File: VU031516.D

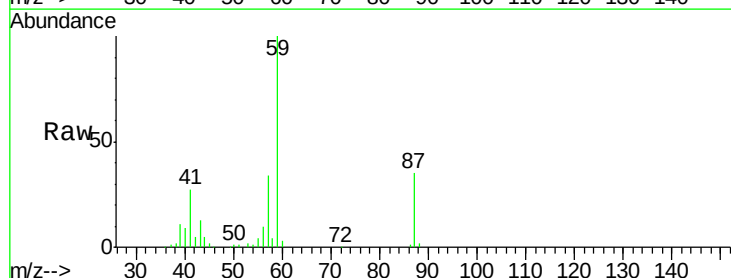
Acq: 26 Apr 2019 01:11

Tgt Ion: 59 Resp: 109381

Ion Ratio Lower Upper

59 100

87 37.3 29.9 44.9



Abundance Ion 59.00 (58.70 to 59.70): VU031516.D (-770) (-)

Ion 87.00 (86.70 to 87.70): VU031516.D (-770) (-)

4.06

40000

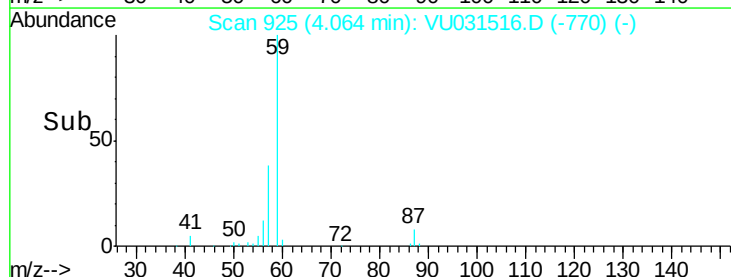
30000

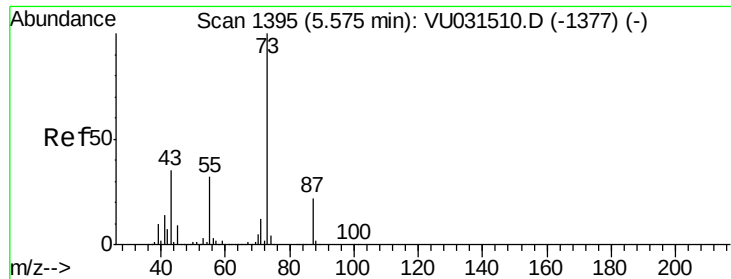
20000

10000

0

Time-->





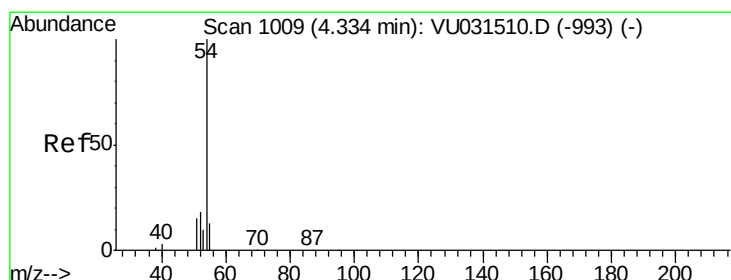
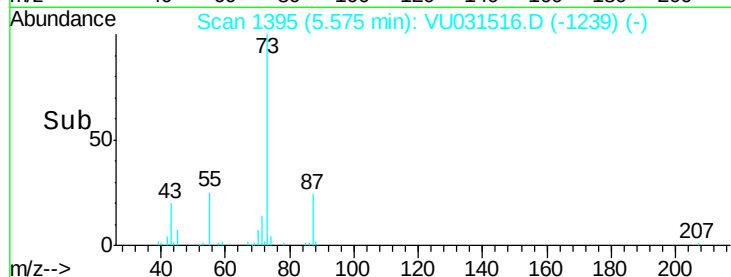
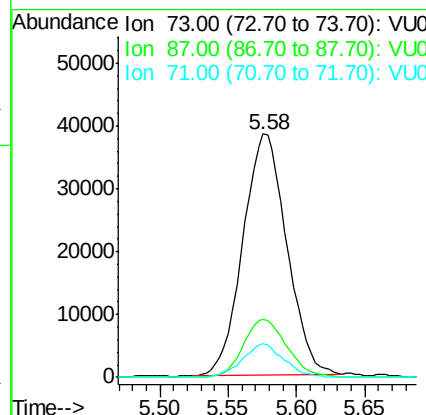
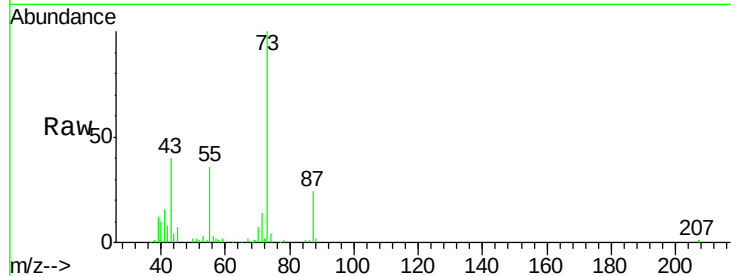
#33
Tert-Butyl methyl ether
Concen: 1.880 ug/l
RT: 5.58 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VU031516.D
Acq: 26 Apr 2019 01:11

Instrument :
MSVOA_U
ClientSampleId :
VU0426WBS01

Tot Ion	73	Resp	85546
Ion	Ratio	Lower	Upper
73	100		
87	23.9	18.2	27.2
71	13.2	9.0	13.6

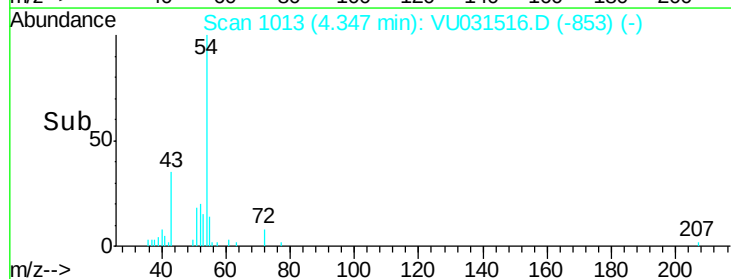
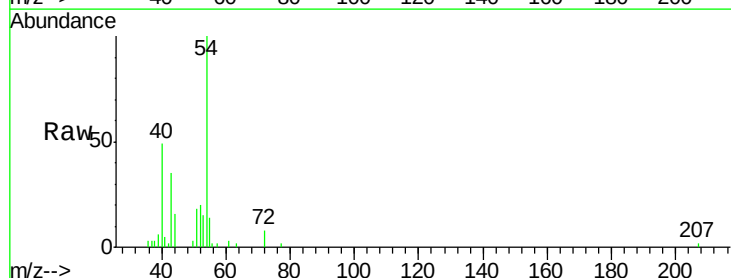
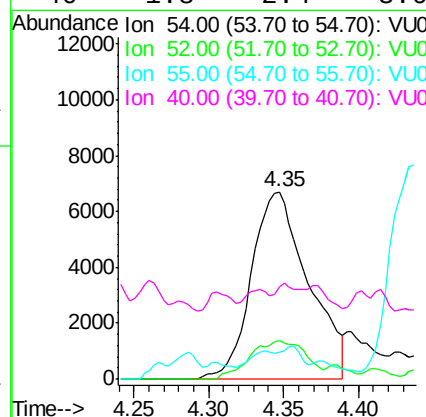
Manual Integrations
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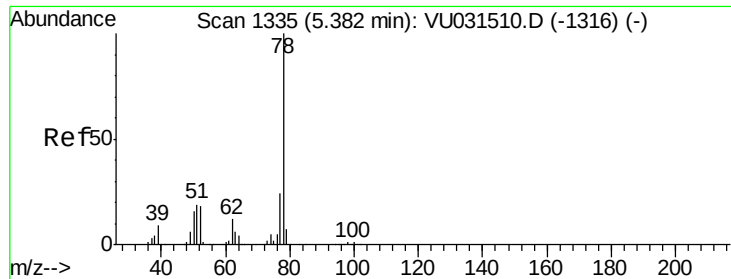
MMdadoda
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#34
Propionitrile
Concen: 9.093 ug/l
RT: 4.35 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VU031516.D
Acq: 26 Apr 2019 01:11

Tgt Ion	54	Resp	17750
Ion	Ratio	Lower	Upper
54	100		
52	20.0	15.0	22.4
55	0.0	13.5	20.3#
40	1.8	2.4	3.6#





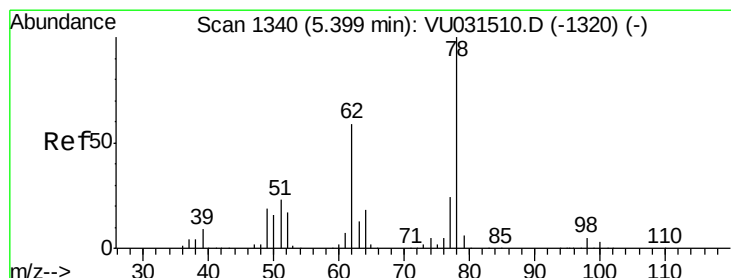
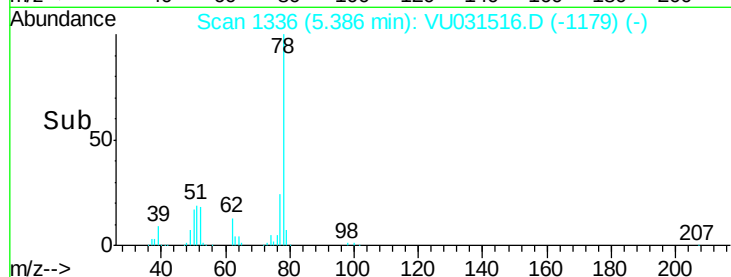
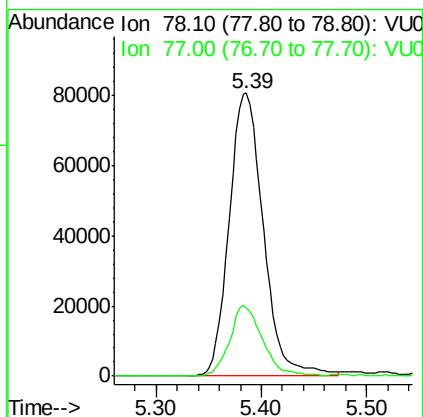
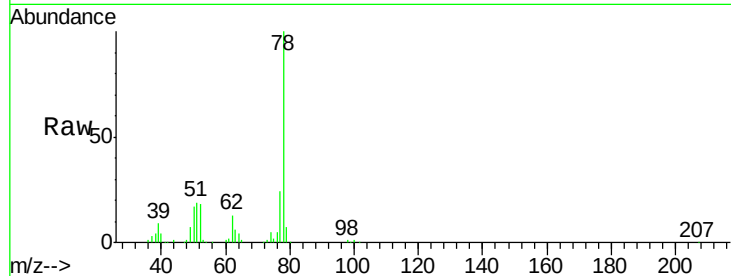
#35
Benzene
Concen: 1.995 ug/l
RT: 5.39 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU031516.D
Acq: 26 Apr 2019 01:11

Instrument :
MSVOA_U
ClientSampleId :
VU0426WBS01

Tot Ion: 78 Resp: 181605
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8

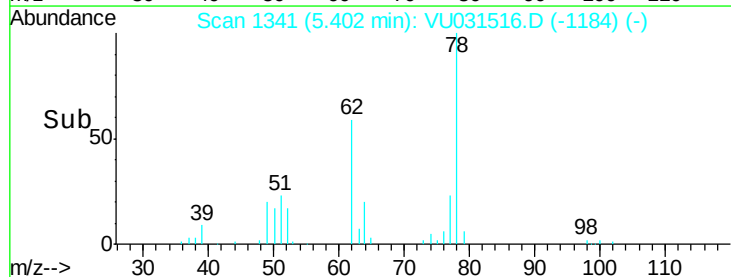
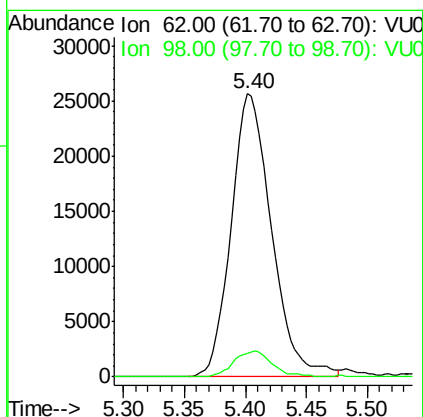
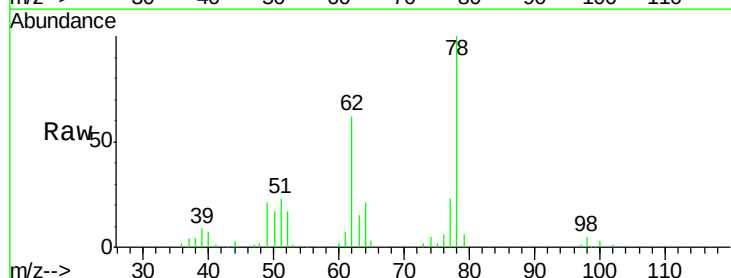
Manual Integrations
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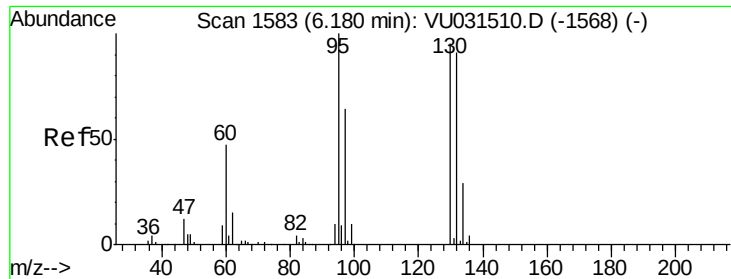
MMdadoda
4/26/2019 12:23:10 PM



#36
1,2-Dichloroethane
Concen: 1.987 ug/l
RT: 5.40 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VU031516.D
Acq: 26 Apr 2019 01:11

Tgt Ion: 62 Resp: 58934
Ion Ratio Lower Upper
62 100
98 8.6 6.7 10.1





#37

Trichloroethene

Concen: 1.897 ug/l

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

ClientSampleId :

VU0426WBS01

Tot Ion:130 Resp: 42243

Ion Ratio Lower Upper

130 100

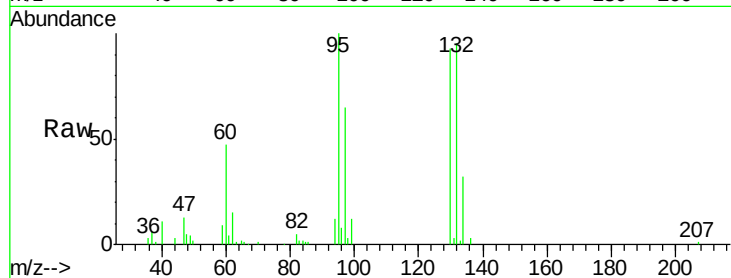
95 107.3 83.8 125.8

Manual Integrations

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MMdadoda

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VU0

25000

20000

15000

10000

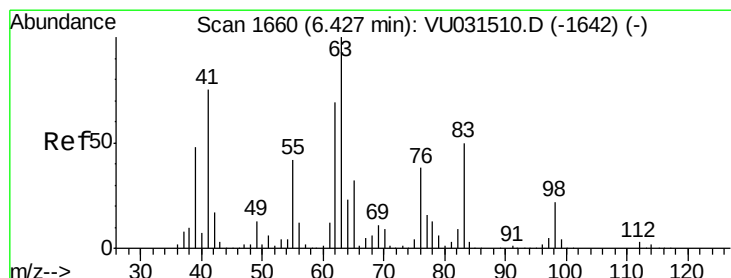
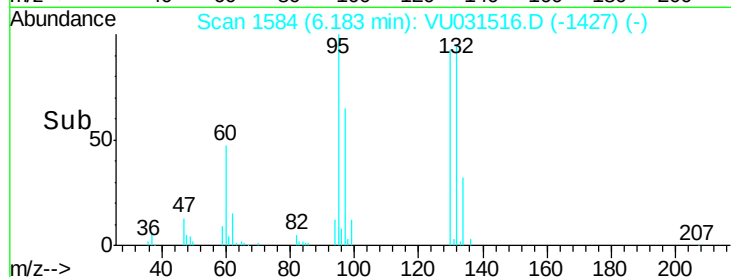
5000

0

6.18

6.15 6.20 6.25

Time-->



#38

1,2-Dichloropropane

Concen: 1.971 ug/l

RT: 6.43 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VU031516.D

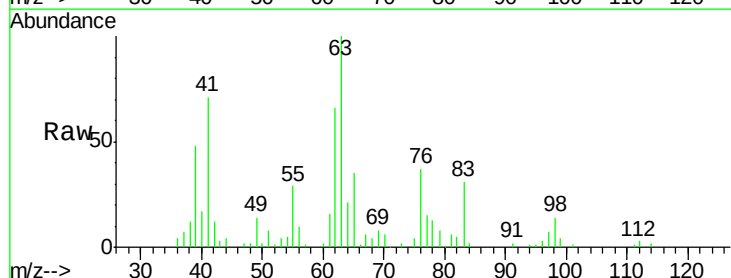
Acq: 26 Apr 2019 01:11

Tgt Ion: 63 Resp: 50696

Ion Ratio Lower Upper

63 100

65 35.5 25.3 37.9



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 65.00 (64.70 to 65.70): VU0

25000

20000

15000

10000

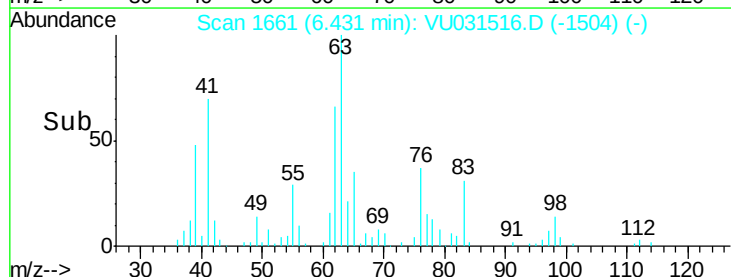
5000

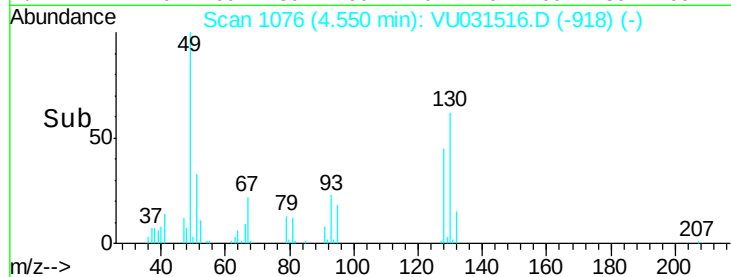
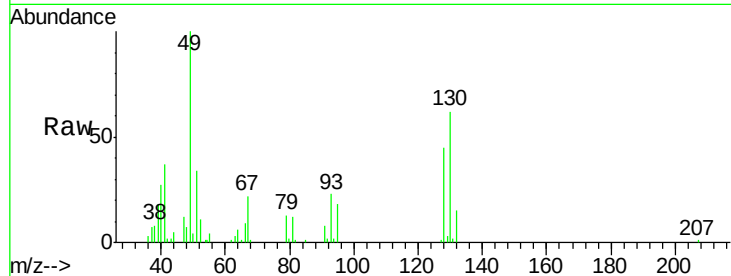
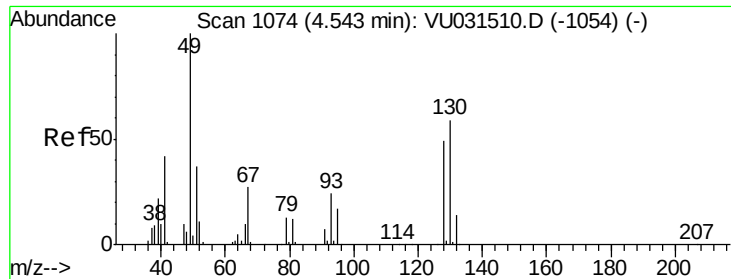
0

6.43

6.35 6.40 6.45 6.50

Time-->





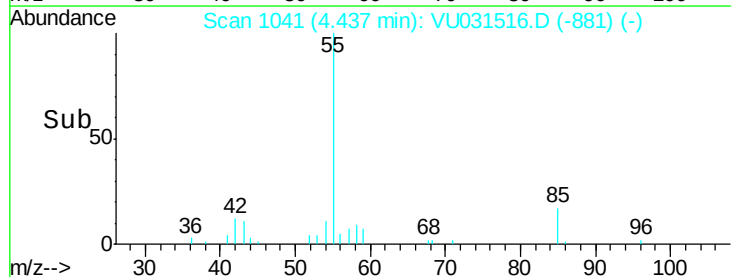
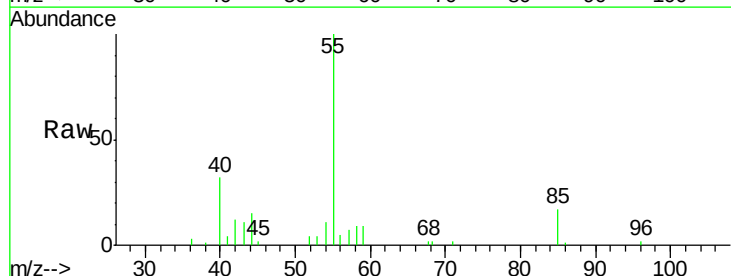
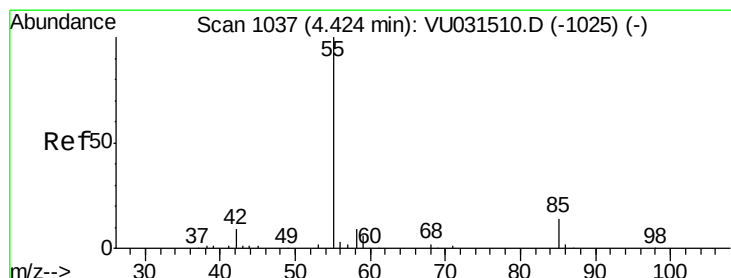
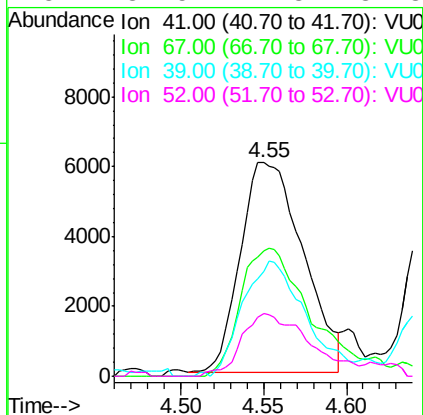
#39
Methacrylonitrile
Concen: 1.935 ug/l
RT: 4.55 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VU031516.D
Acq: 26 Apr 2019 01:11

Tot Ion	41	Resp	15845
Ion	Ratio	Lower	Upper
41	100		
67	66.5	54.2	81.4
39	55.0	43.8	65.8
52	32.5	21.8	32.8

Instrument :
MSVOA_U
ClientSampleId :
VU0426WBS01

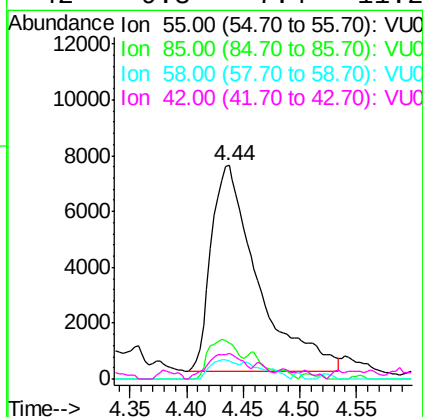
Manual Integrations
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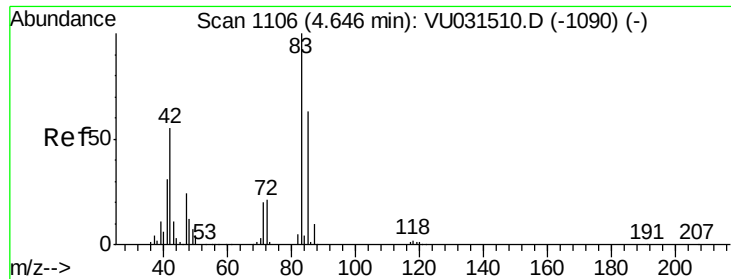
MMdadoda
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#40
Methyl acrylate
Concen: 1.937 ug/l
RT: 4.44 min Scan# 1041
Delta R.T. 0.01 min
Lab File: VU031516.D
Acq: 26 Apr 2019 01:11

Tgt Ion	55	Resp	21094
Ion	Ratio	Lower	Upper
55	100		
85	12.1	11.5	17.3
58	5.4	6.5	9.7#
42	9.3	7.4	11.2





#41

Tetrahydrofuran

Concen: 3.887 ug/l m

RT: 4.66 min Scan# 1110

Delta R.T. 0.01 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

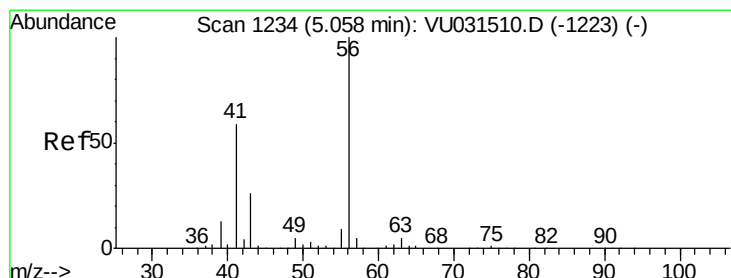
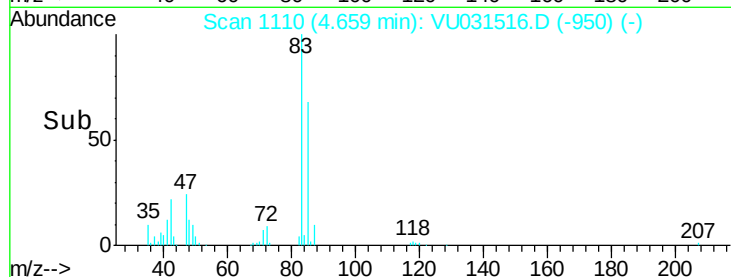
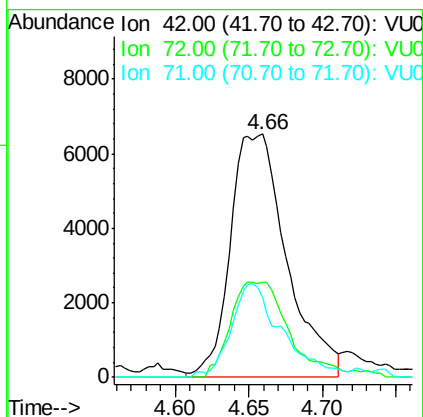
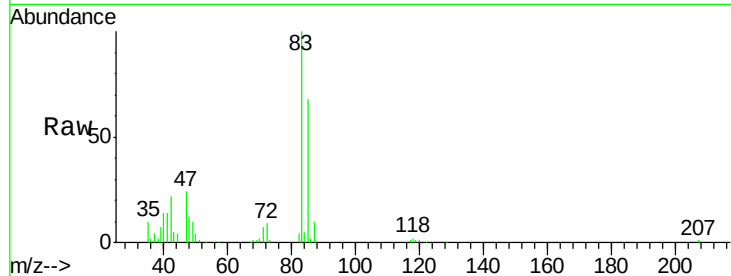
ClientSampleId :

VU0426WBS01

Tot Ion:	42	Resp:	17443
Ion	Ratio	Lower	Upper
42	100		
72	40.4	32.1	48.1
71	34.6	29.2	43.8

Manual Integrations
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MMDadoda
4/26/2019 12:23:10 PM



#42

1-Chlorobutane

Concen: 1.906 ug/l

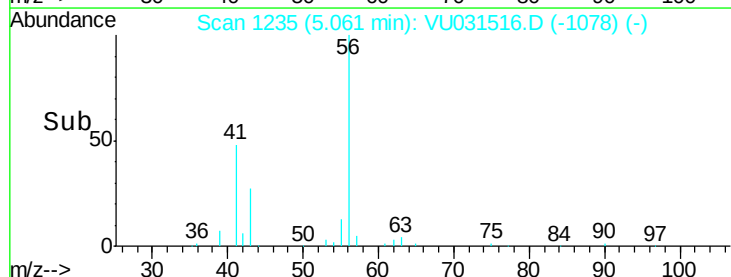
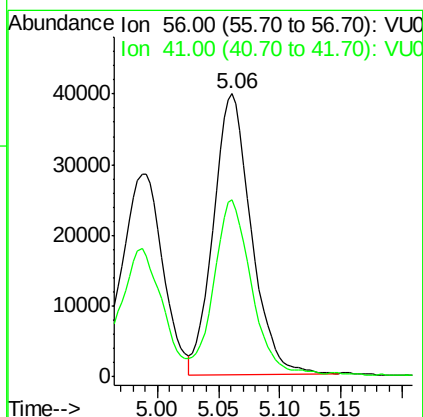
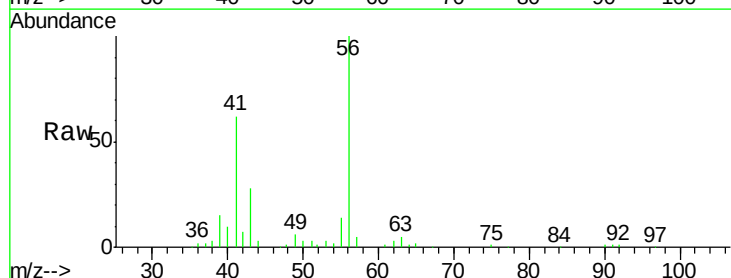
RT: 5.06 min Scan# 1235

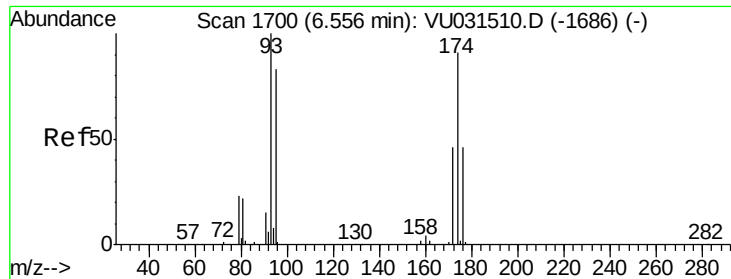
Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Tgt Ion:	56	Resp:	86072
Ion	Ratio	Lower	Upper
56	100		
41	60.7	29.3	88.0





#43

Dibromomethane

Concen: 1.967 ug/l

RT: 6.56 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

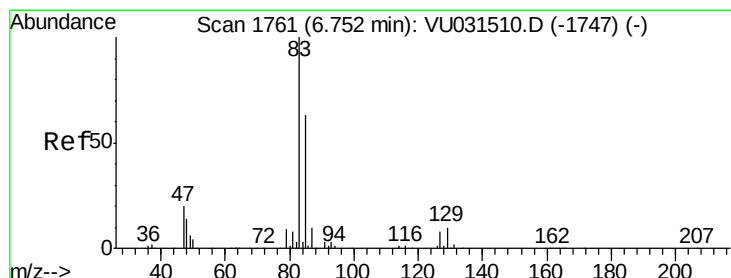
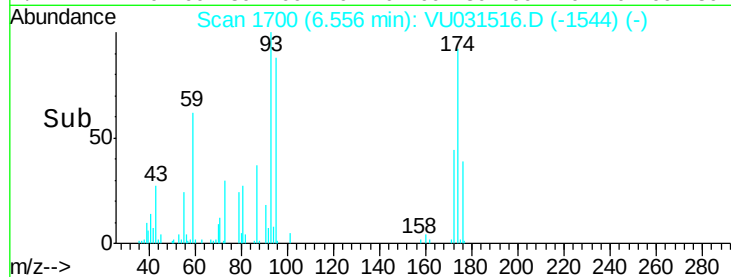
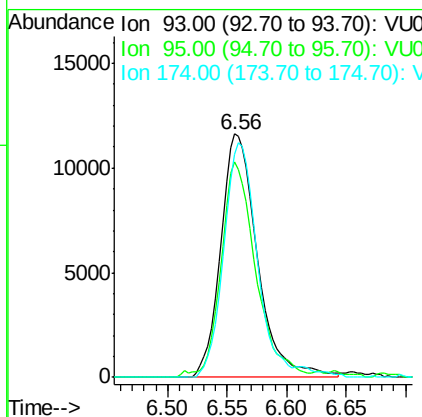
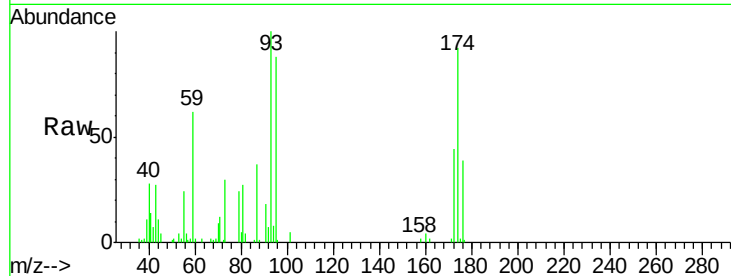
ClientSampleId :

VU0426WBS01

Tot Ion:	93	Resp:	24858
Ion	Ratio	Lower	Upper
93	100		
95	78.7	65.7	98.5
174	87.1	71.8	107.8

Manual Integrations
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4/26/2019 12:23:10 PM



#44

Bromodichloromethane

Concen: 1.979 ug/l

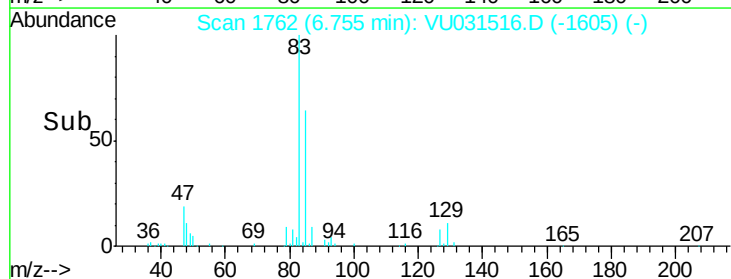
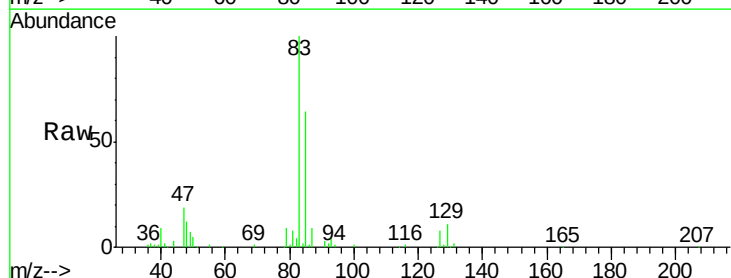
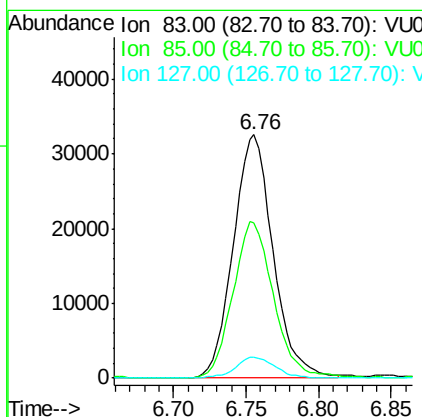
RT: 6.76 min Scan# 1762

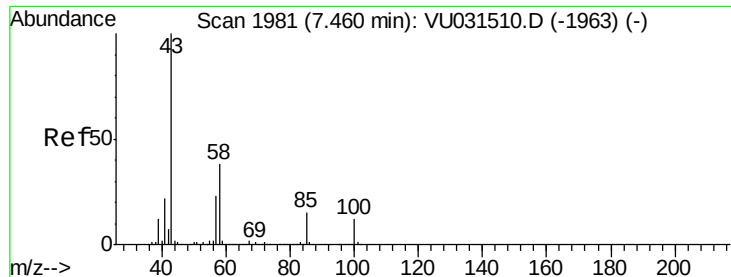
Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Tgt Ion:	83	Resp:	62133
Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.3	75.5
127	8.4	6.6	9.8





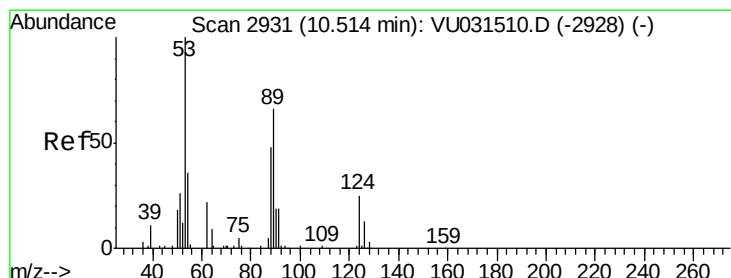
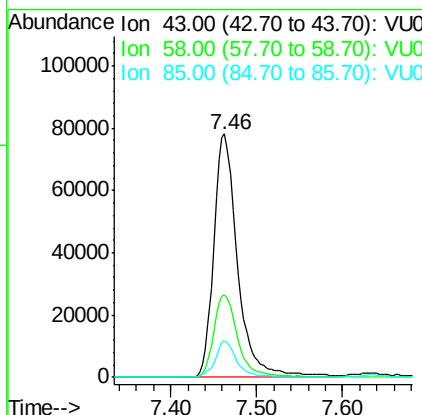
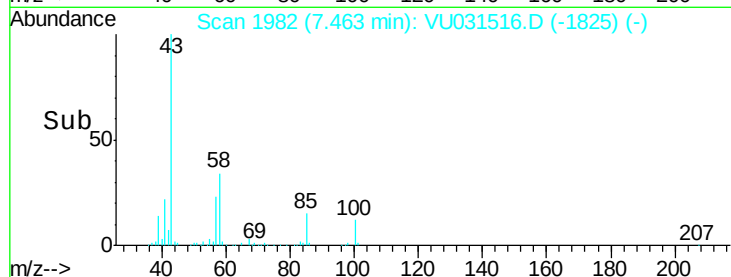
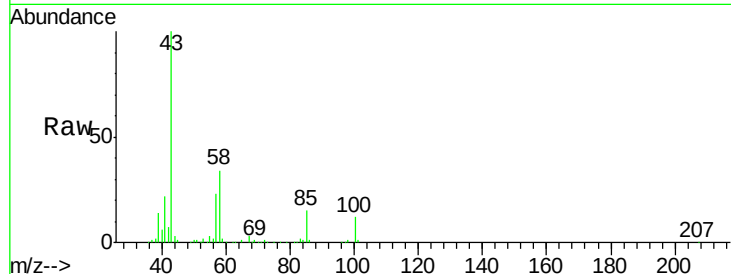
#45
4-Methyl-2-Pentanone
Concen: 9.961 ug/l
RT: 7.46 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VU031516.D
Acq: 26 Apr 2019 01:11

Instrument :
MSVOA_U
ClientSampled :
VU0426WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	34.1	18.7	56.1
85	13.5	12.1	18.1

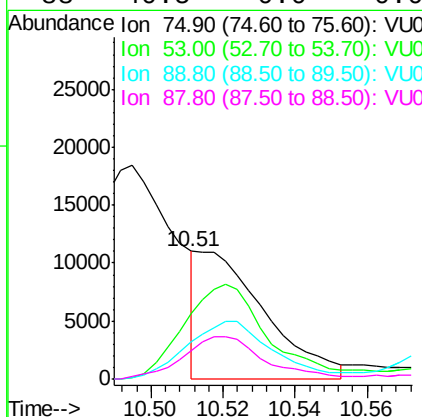
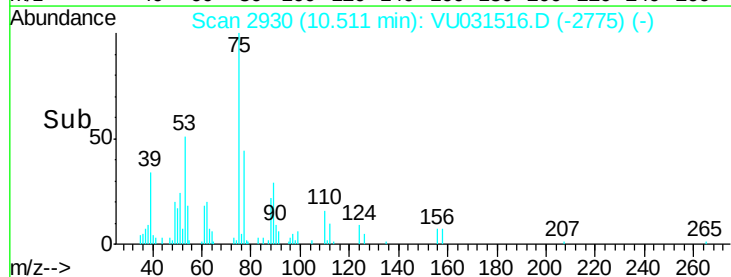
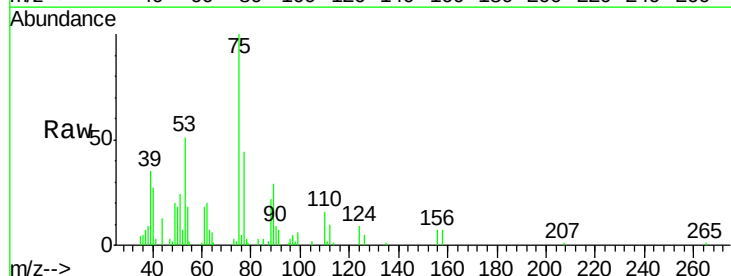
Manual Integrations
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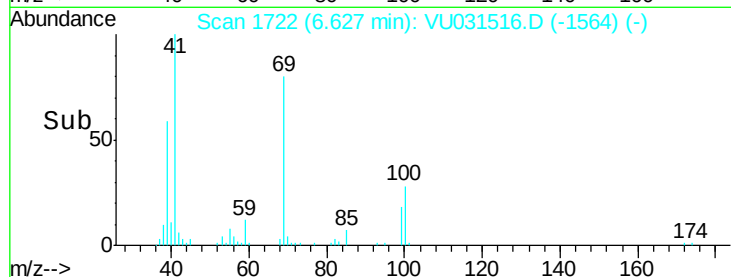
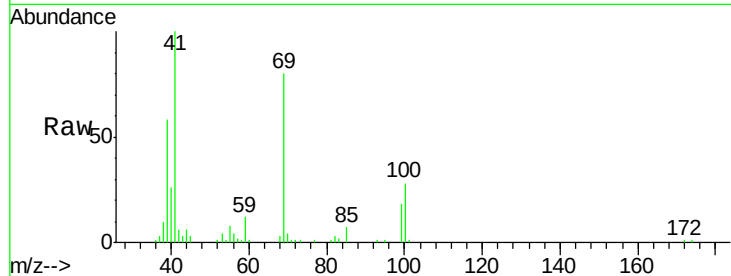
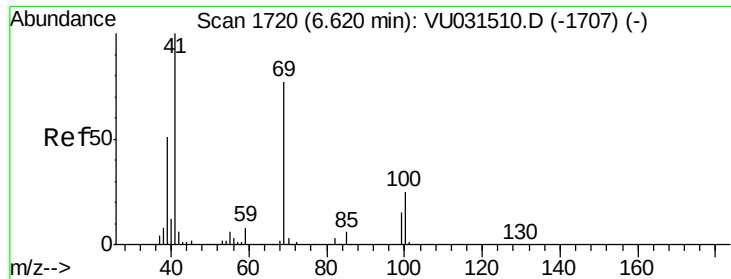
MMDadoda
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#46
t-1,4-Dichloro-2-butene
Concen: 3.066 ug/l m
RT: 10.51 min Scan# 2930
Delta R.T. -0.00 min
Lab File: VU031516.D
Acq: 26 Apr 2019 01:11

Tgt Ion	Ratio	Lower	Upper
75	100		
53	95.9	63.8	95.8#
89	58.2	38.6	57.8#
88	40.5	0.0	0.0#





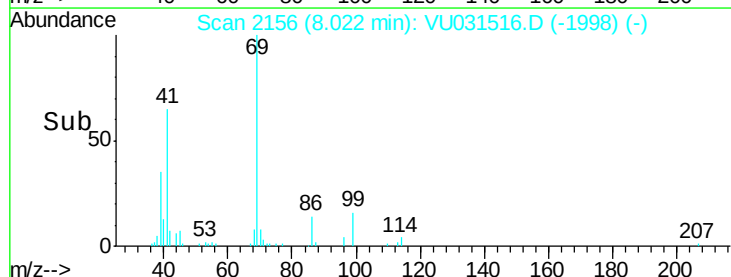
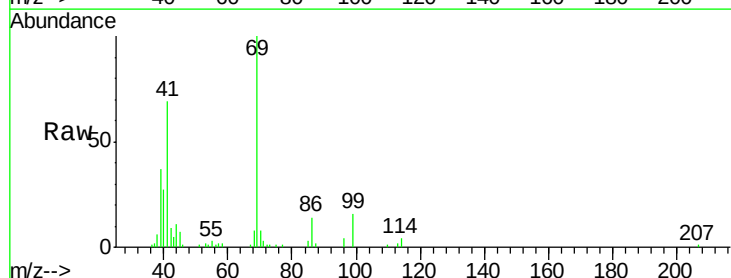
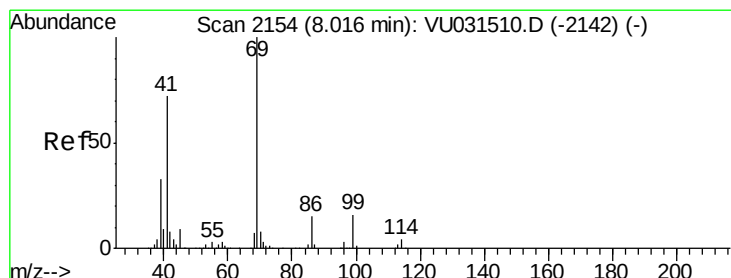
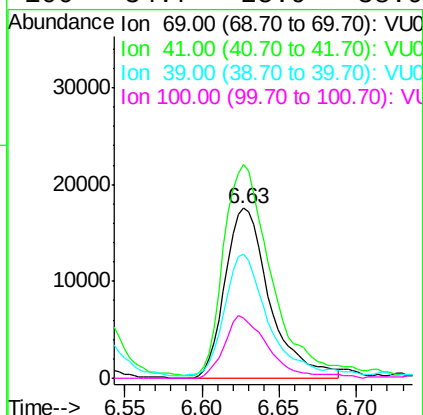
#47
Methyl methacrylate
Concen: 3.625 ug/l
RT: 6.63 min Scan# 1722
Delta R.T. 0.01 min
Lab File: VU031516.D
Acq: 26 Apr 2019 01:11

Tot Ion	Ratio	Resp	Lower	Upper
69	100			
41	131.4	0.0	256.4	
39	67.5	52.2	78.4	
100	34.7	25.9	38.9	

Instrument :
MSVOA_U
ClientSampleId :
VU0426WBS01

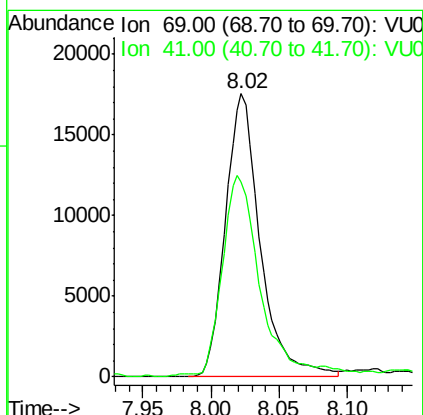
Manual Integrations
APPROVED

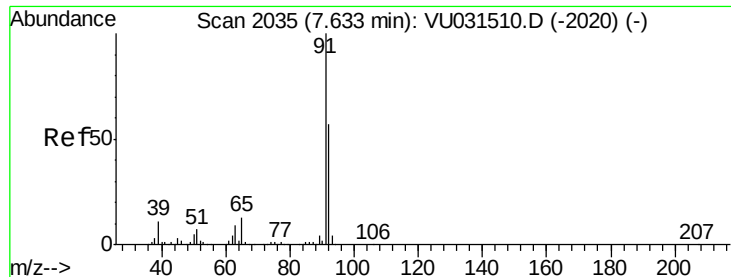
MMdadoda
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#48
Ethyl methacrylate
Concen: 1.836 ug/l
RT: 8.02 min Scan# 2156
Delta R.T. 0.01 min
Lab File: VU031516.D
Acq: 26 Apr 2019 01:11

Tgt Ion	Ratio	Resp	Lower	Upper
69	100			
41	73.0	35.5	106.5	





#49

Toluene

Concen: 1.987 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

ClientSampleId :

VU0426WBS01

Tot Ion: 92 Resp: 94037

Ion Ratio Lower Upper

92 100

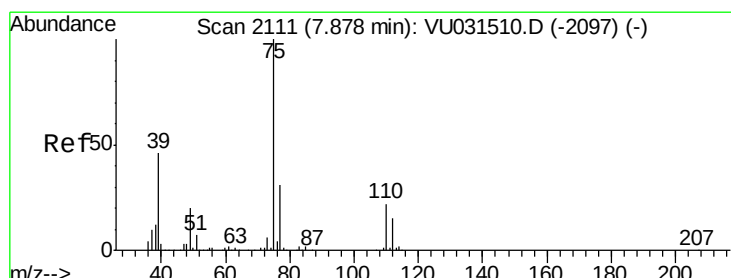
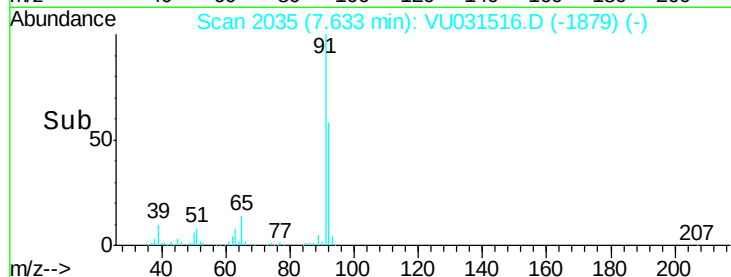
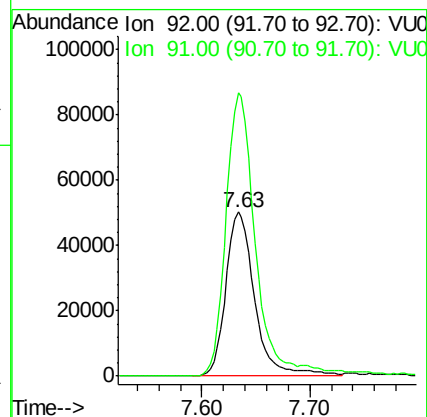
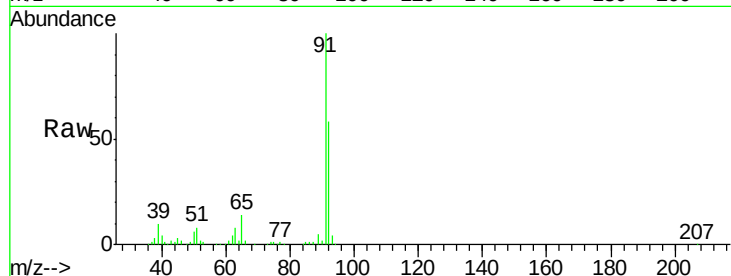
91 170.5 142.0 213.0

Manual Integrations

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#50

t-1,3-Dichloropropene

Concen: 1.834 ug/l

RT: 7.88 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VU031516.D

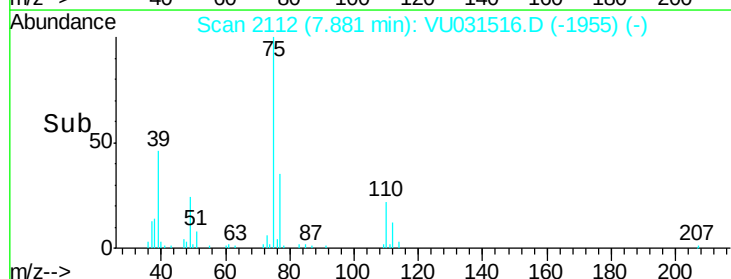
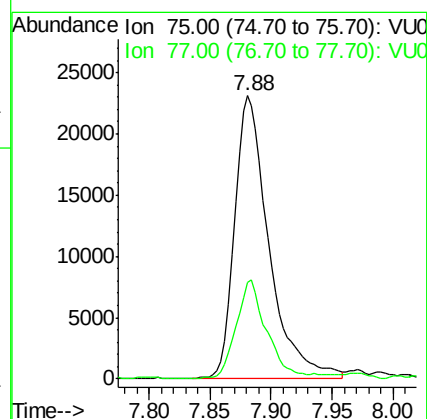
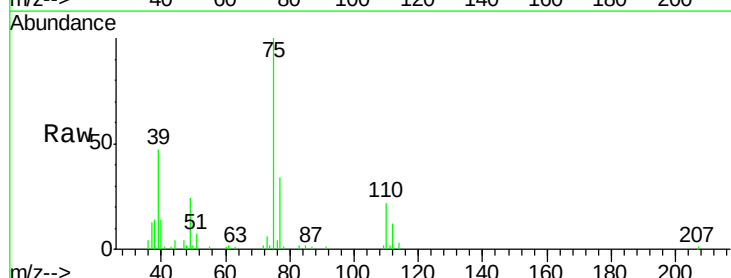
Acq: 26 Apr 2019 01:11

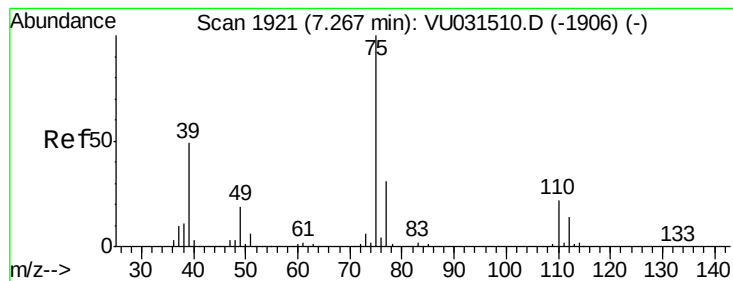
Tgt Ion: 75 Resp: 45375

Ion Ratio Lower Upper

75 100

77 34.2 25.0 37.4





#51

cis-1,3-Dichloropropene

Concen: 1.857 ug/l

RT: 7.27 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

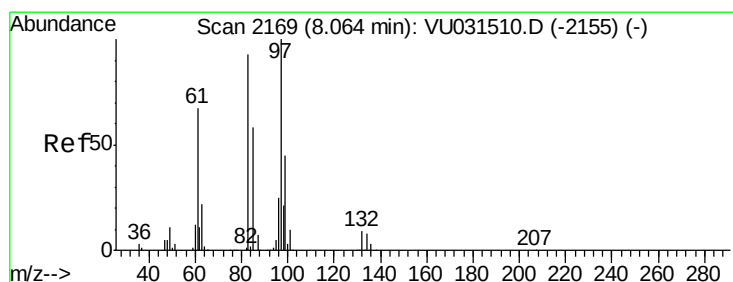
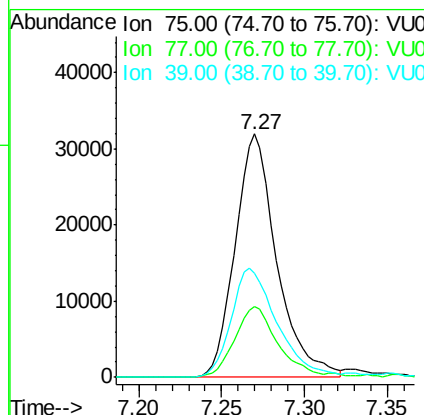
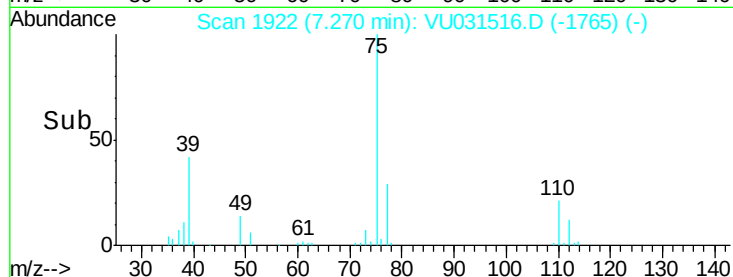
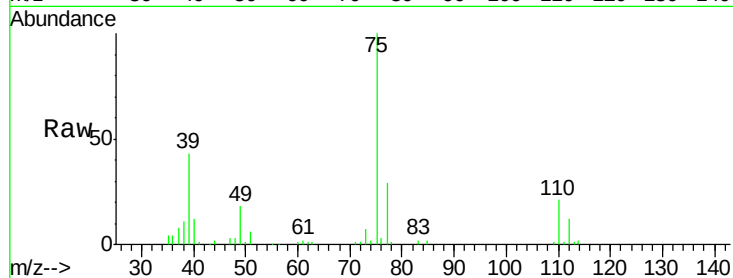
ClientSampleId :

VU0426WBS01

Tot Ion:	75	Resp:	55946
Ion Ratio	Lower	Upper	
75	100		
77	29.1	25.0	37.4
39	42.7	39.0	58.6

Manual Integrations
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#52

1,1,2-Trichloroethane

Concen: 2.123 ug/l

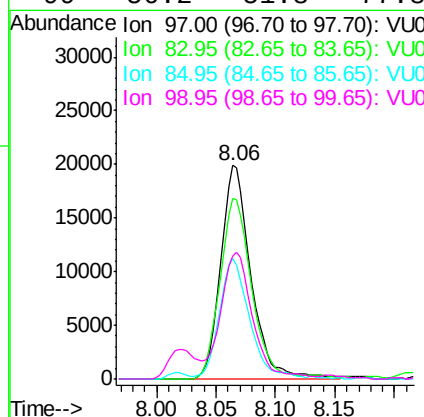
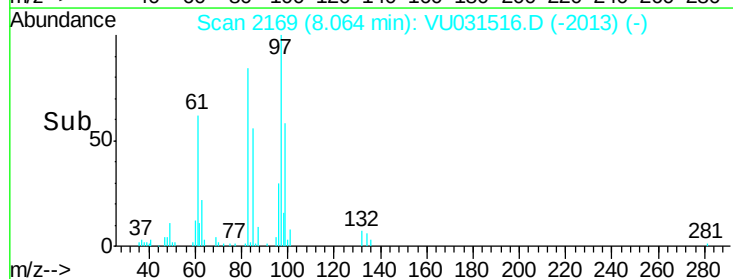
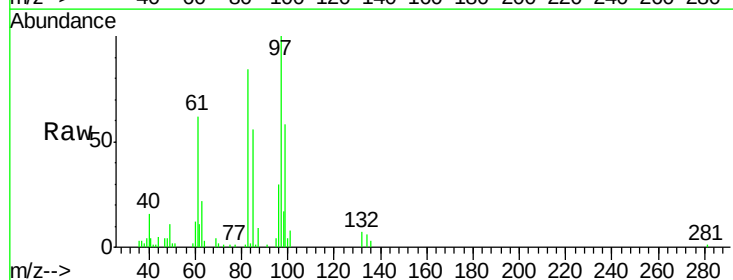
RT: 8.06 min Scan# 2169

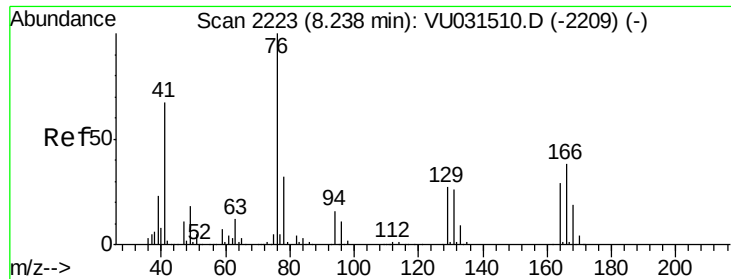
Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Tgt Ion:	97	Resp:	35005
Ion Ratio	Lower	Upper	
97	100		
83	84.4	74.8	112.2
85	55.8	48.3	72.5
99	56.2	51.8	77.8





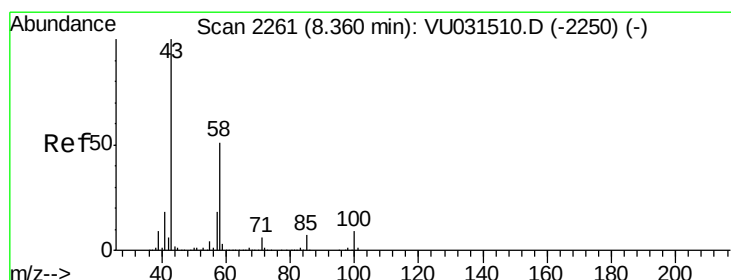
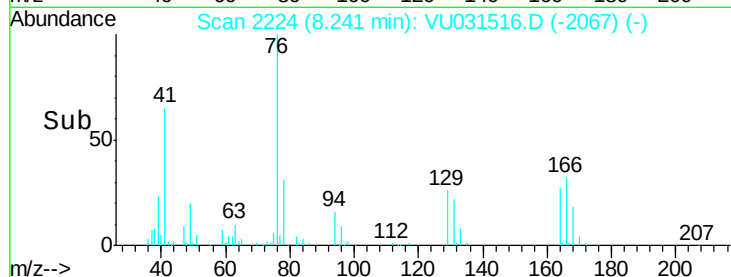
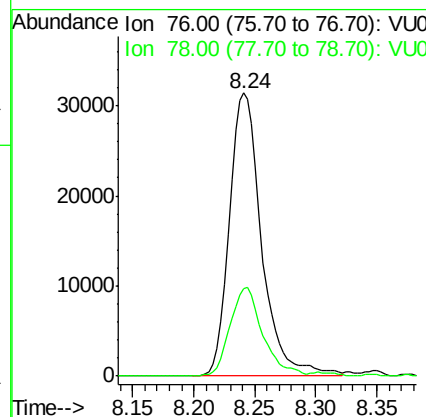
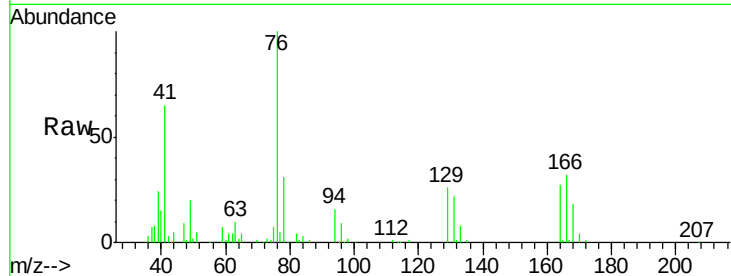
#53
 1,3-Dichloropropane
 Concen: 2.014 ug/l
 RT: 8.24 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VU031516.D
 Acq: 26 Apr 2019 01:11

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0426WBS01

Tot Ion: 76 Resp: 58259
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.7 38.5

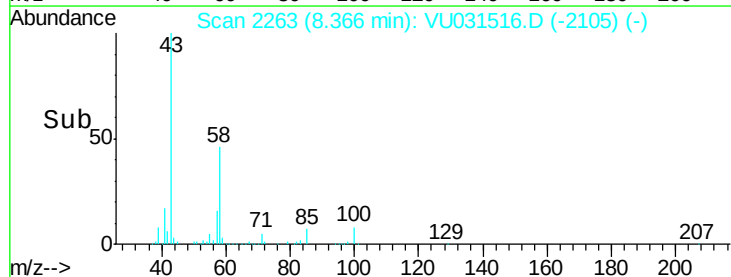
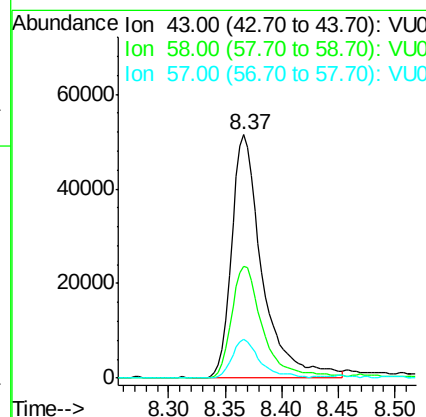
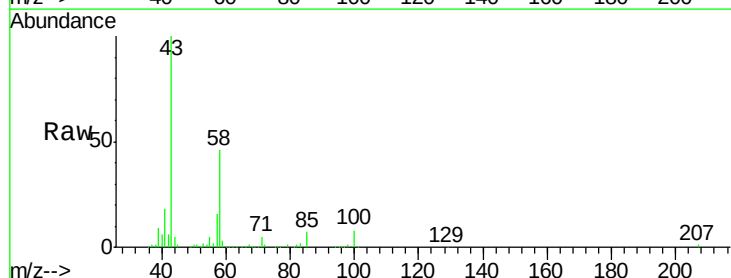
Manual Integrations
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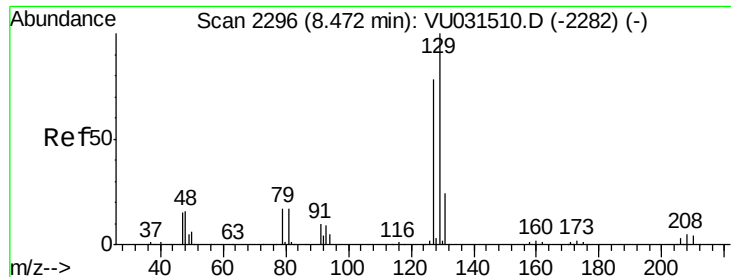
MMdadoda
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#54
 2-Hexanone
 Concen: 9.443 ug/l
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.01 min
 Lab File: VU031516.D
 Acq: 26 Apr 2019 01:11

Tgt Ion: 43 Resp: 96297
 Ion Ratio Lower Upper
 43 100
 58 47.4 30.3 70.3
 57 14.9 0.0 37.8





#55

Dibromochloromethane

Concen: 2.029 ug/l

RT: 8.47 min Scan# 2296

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

ClientSampleId :

VU0426WBS01

Tot Ion:129 Resp: 37726

Ion Ratio Lower Upper

129 100

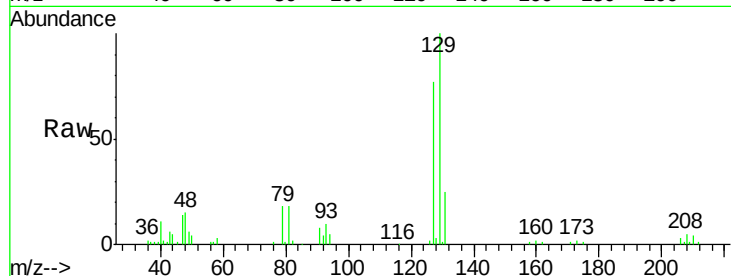
127 77.9 62.6 94.0

Manual Integrations

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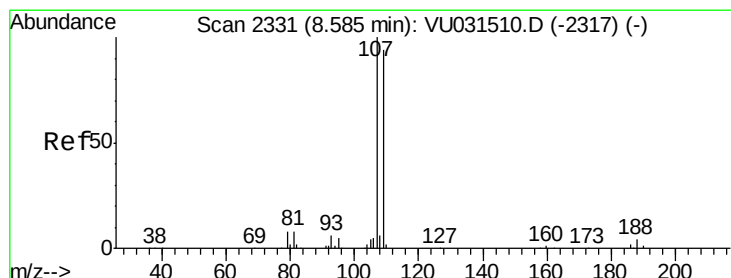
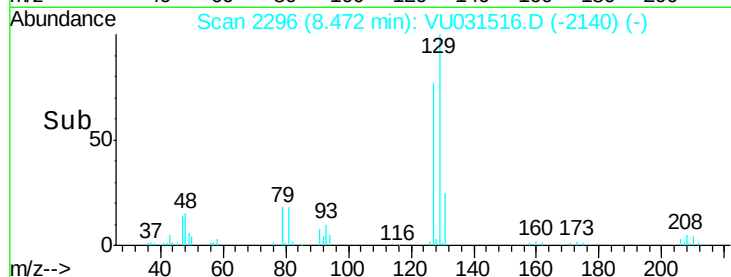
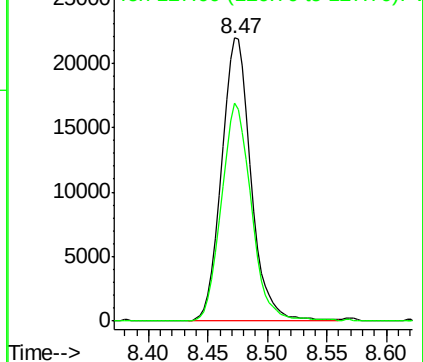
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 1.991 ug/l

RT: 8.58 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VU031516.D

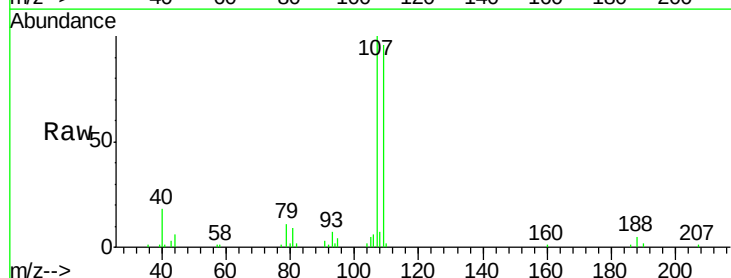
Acq: 26 Apr 2019 01:11

Tgt Ion:107 Resp: 29379

Ion Ratio Lower Upper

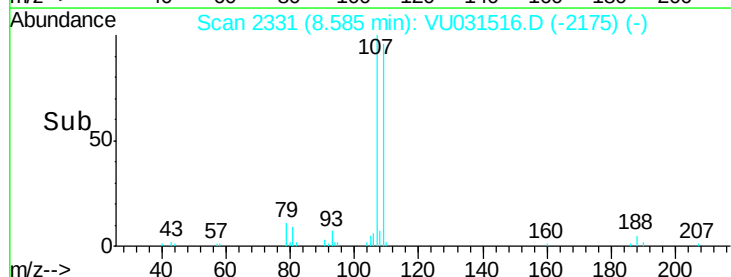
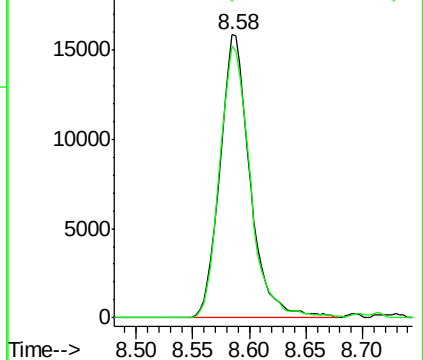
107 100

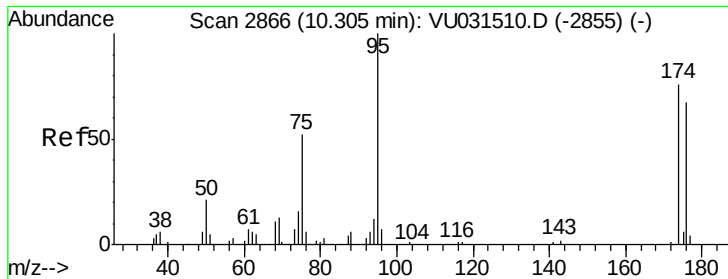
109 95.8 0.0 186.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#57

4-Bromofluorobenzene

Concen: 0.986 ug/l

RT: 10.31 min Scan# 2867

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

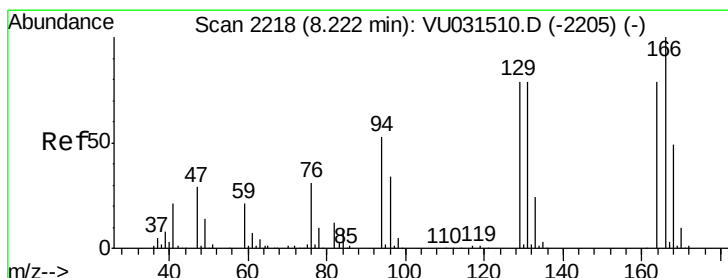
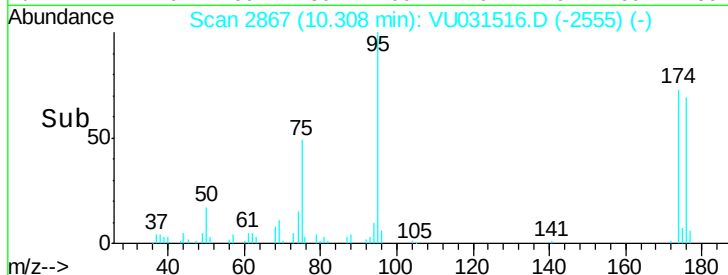
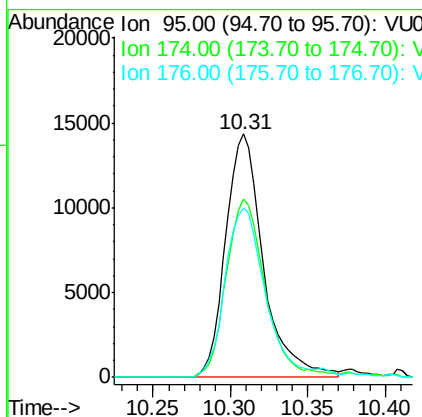
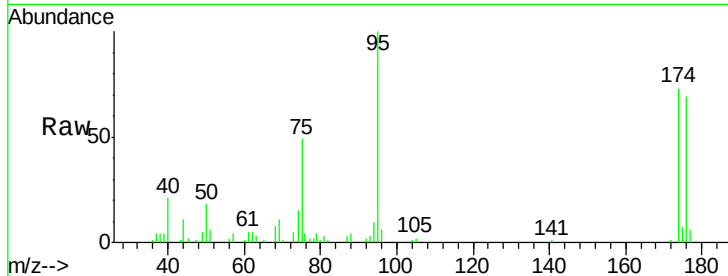
ClientSampleId :

VU0426WBS01

Tot Ion:	95	Resp:	24324
Ion Ratio	Lower	Upper	
95	100		
174	75.5	57.9	86.9
176	73.2	54.0	81.0

Manual Integrations
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#58

Tetrachloroethene

Concen: 1.949 ug/l

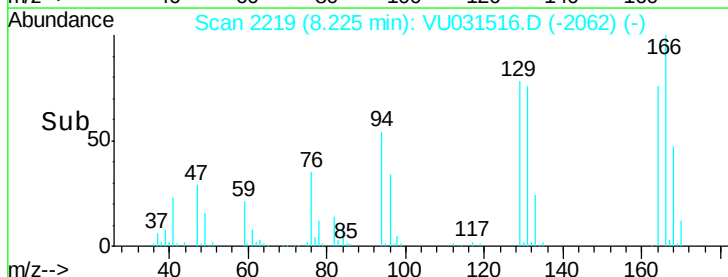
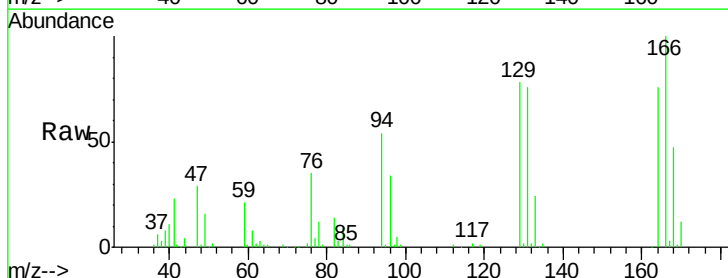
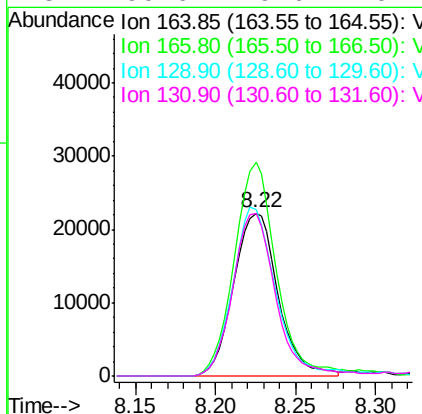
RT: 8.22 min Scan# 2219

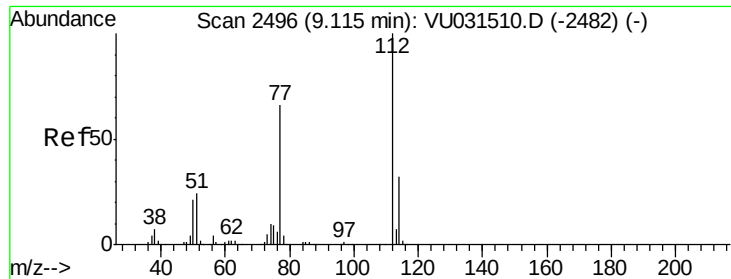
Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Tgt Ion:	164	Resp:	41855
Ion Ratio	Lower	Upper	
164	100		
166	131.2	101.2	151.8
129	101.9	80.2	120.4
131	99.6	79.6	119.4





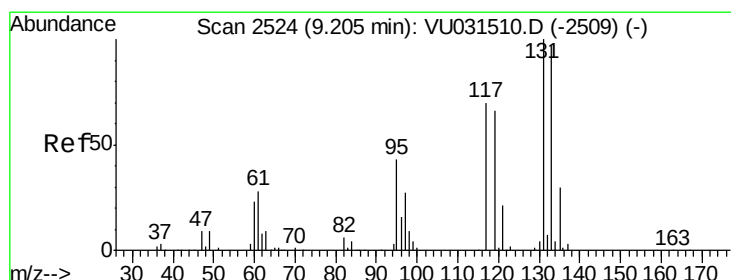
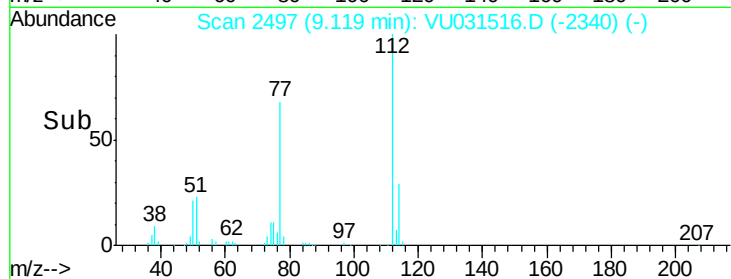
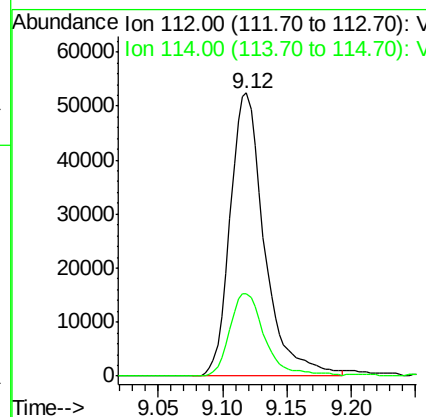
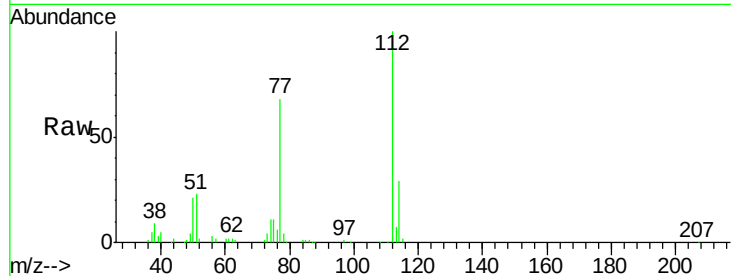
#59
Chlorobenzene
Concen: 1.958 ug/l
RT: 9.12 min Scan# 2497
Delta R.T. 0.00 min
Lab File: VU031516.D
Acq: 26 Apr 2019 01:11

Instrument :
MSVOA_U
ClientSampleId :
VU0426WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	29.1	25.8	38.6

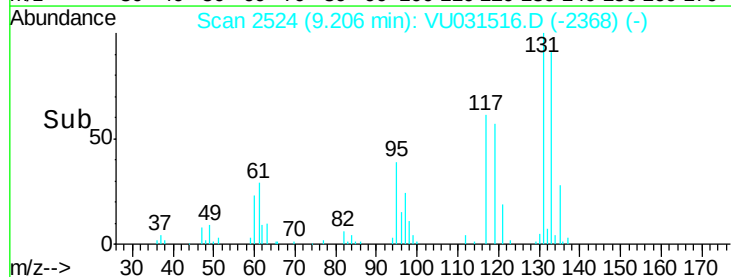
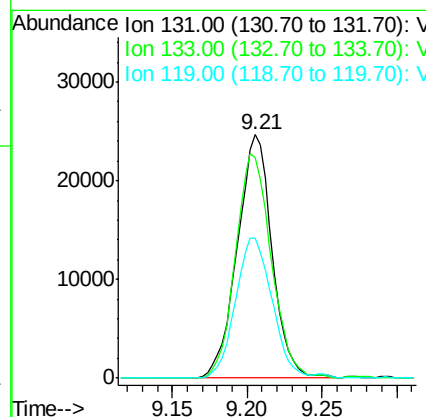
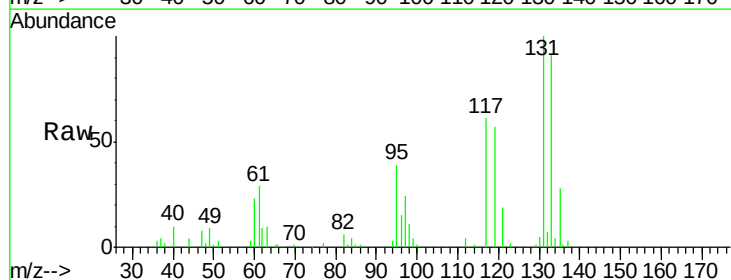
Manual Integrations
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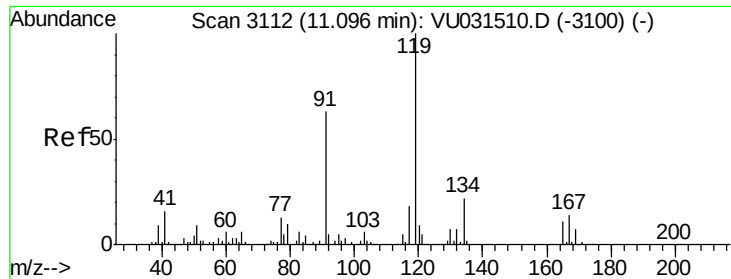
MMdadoda
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#60
1,1,1,2-Tetrachloroethane
Concen: 2.060 ug/l
RT: 9.21 min Scan# 2524
Delta R.T. 0.00 min
Lab File: VU031516.D
Acq: 26 Apr 2019 01:11

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.8	77.7	116.5
119	60.2	53.4	80.0





#61

Pentachloroethane

Concen: 1.972 ug/l

RT: 11.10 min Scan# 3112

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

ClientSampleId :

VU0426WBS01

Tot Ion:117 Resp: 27056

Ion Ratio Lower Upper

117 100

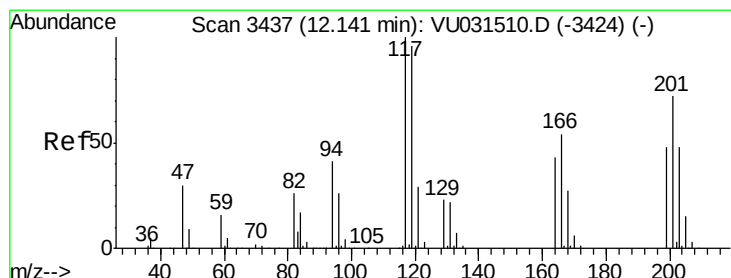
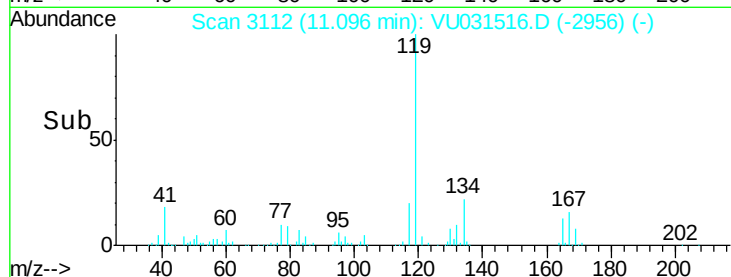
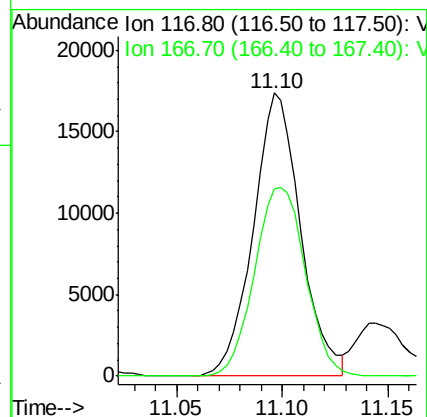
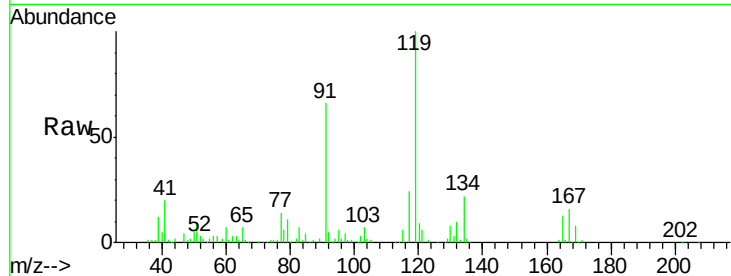
167 71.8 62.5 93.7

Manual Integrations

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#62

Hexachloroethane

Concen: 2.096 ug/l

RT: 12.14 min Scan# 3437

Delta R.T. 0.00 min

Lab File: VU031516.D

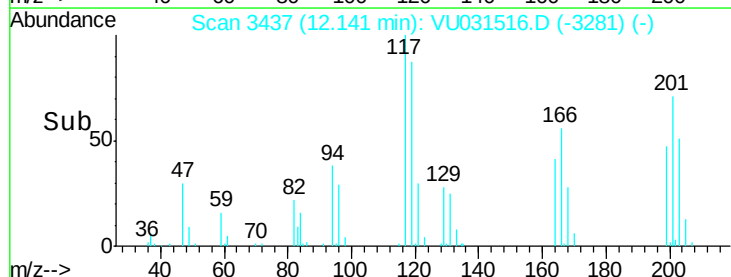
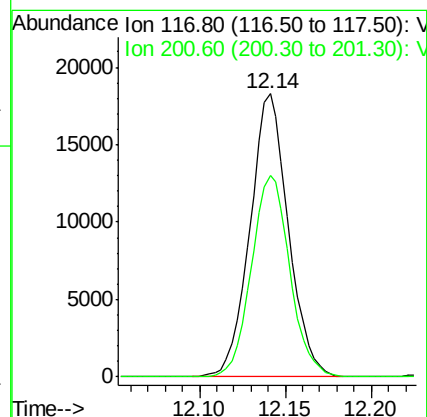
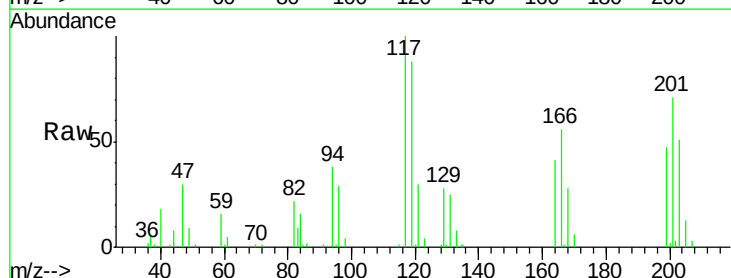
Acq: 26 Apr 2019 01:11

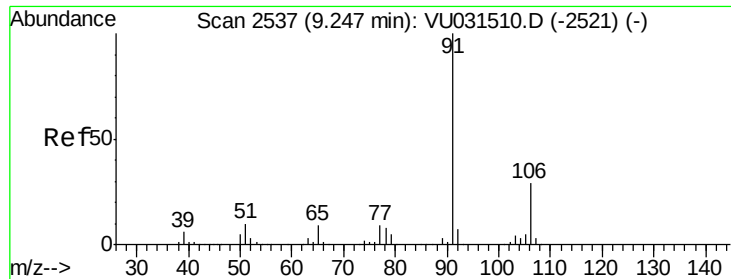
Tgt Ion:117 Resp: 28315

Ion Ratio Lower Upper

117 100

201 71.2 60.0 90.0





#63

Ethyl Benzene

Concen: 1.877 ug/l

RT: 9.25 min Scan# 2537

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

ClientSampled :

VU0426WBS01

Tot Ion: 91 Resp: 152562

Ion Ratio Lower Upper

91 100

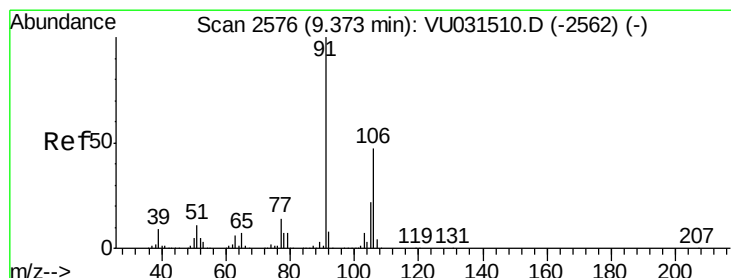
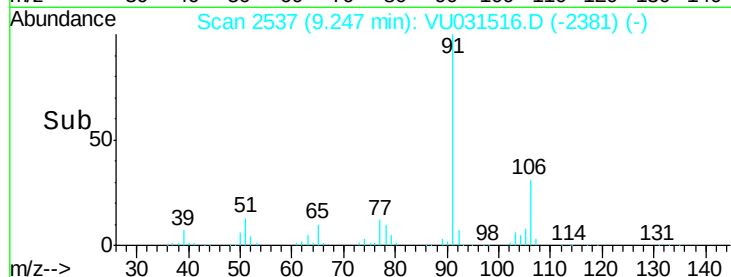
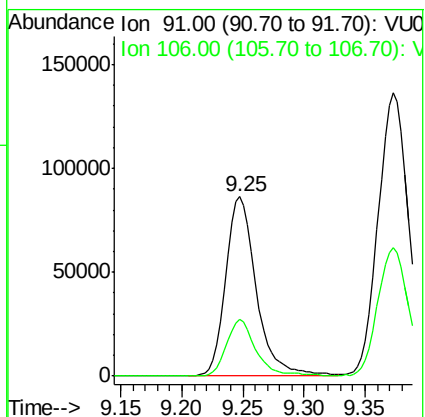
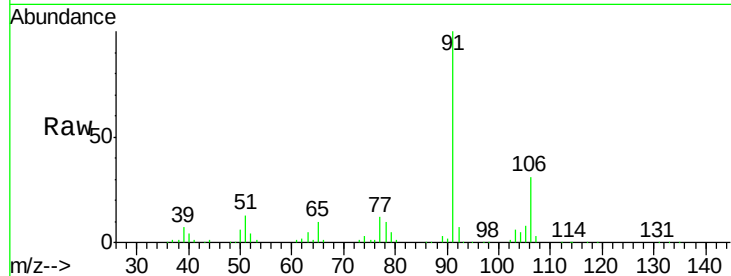
106 31.4 23.4 35.2

Manual Integrations

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#64

m/p-Xylenes

Concen: 3.670 ug/l

RT: 9.37 min Scan# 2576

Delta R.T. 0.00 min

Lab File: VU031516.D

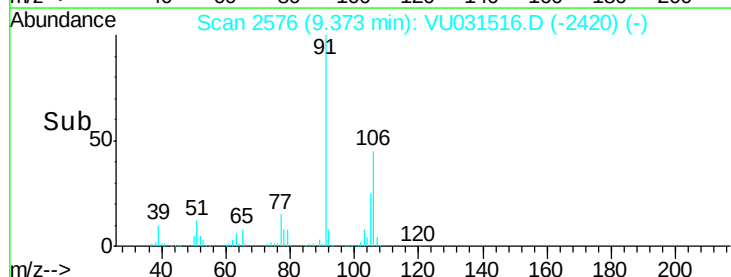
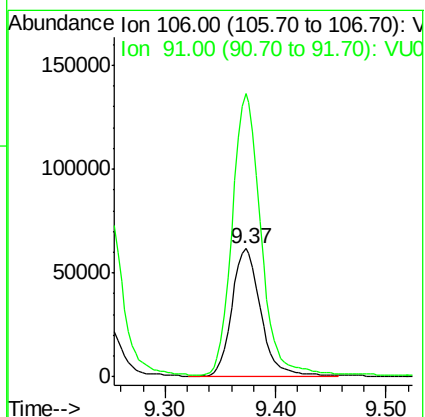
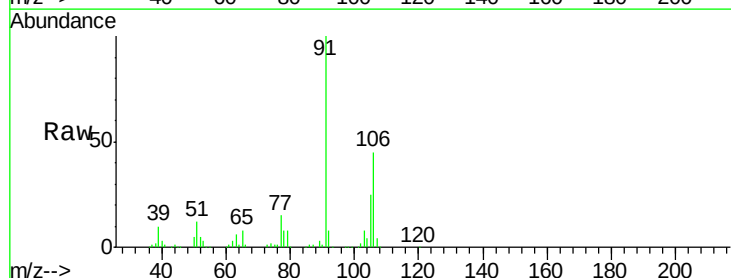
Acq: 26 Apr 2019 01:11

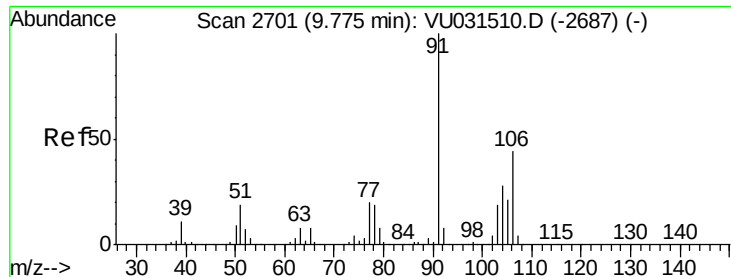
Tgt Ion: 106 Resp: 111619

Ion Ratio Lower Upper

106 100

91 219.2 171.0 256.4





#65

o-Xylene

Concen: 1.844 ug/l

RT: 9.77 min Scan# 2701

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

ClientSampleId :

VU0426WBS01

Tot Ion:106 Resp: 54504

Ion Ratio Lower Upper

106 100

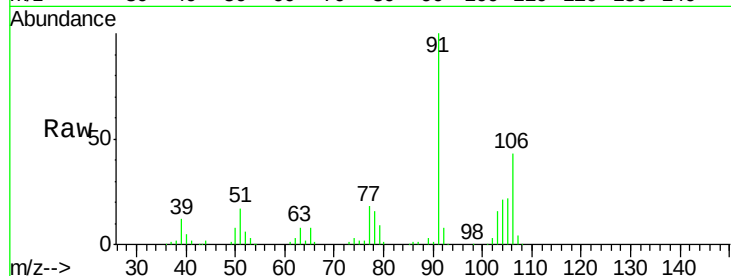
91 240.9 113.8 341.4

Manual Integrations

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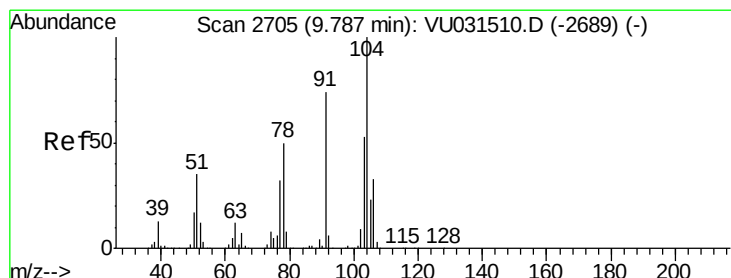
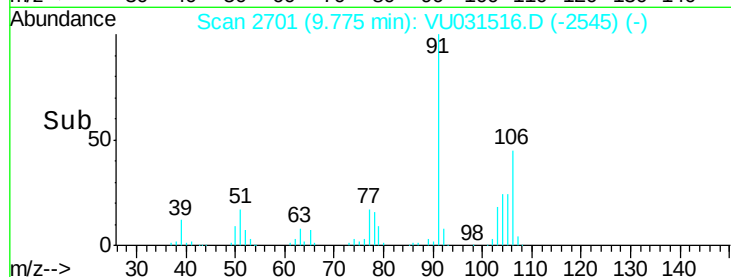
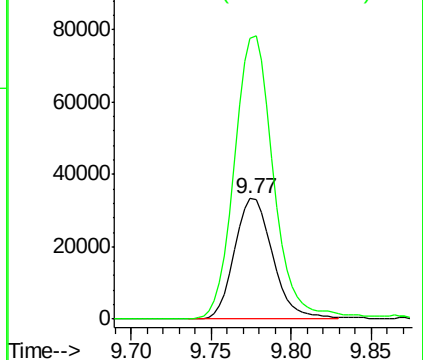
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 1.834 ug/l

RT: 9.79 min Scan# 2706

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

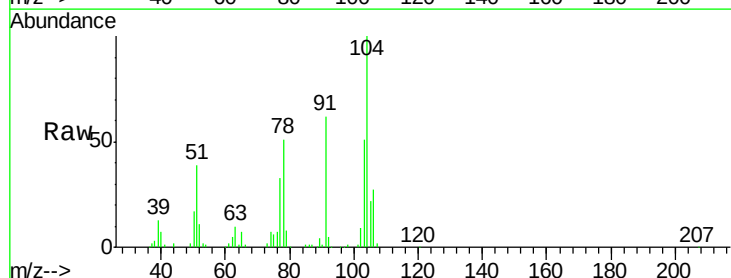
Tgt Ion:104 Resp: 91713

Ion Ratio Lower Upper

104 100

78 54.8 42.5 63.7

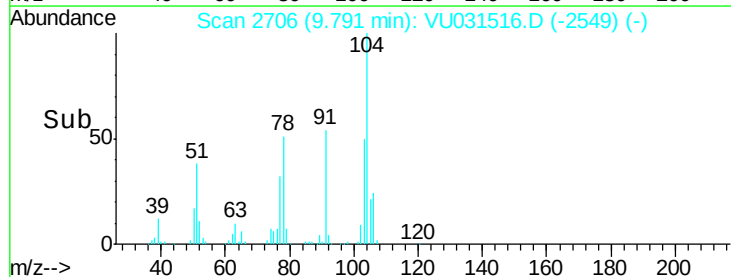
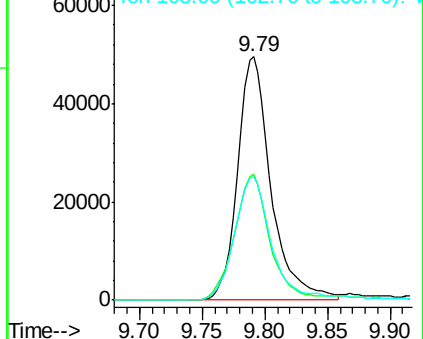
103 54.2 44.5 66.7

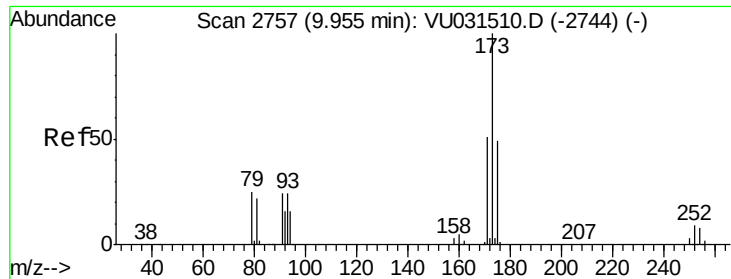


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V





#67

Bromoform

Concen: 1.957 ug/l

RT: 9.95 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

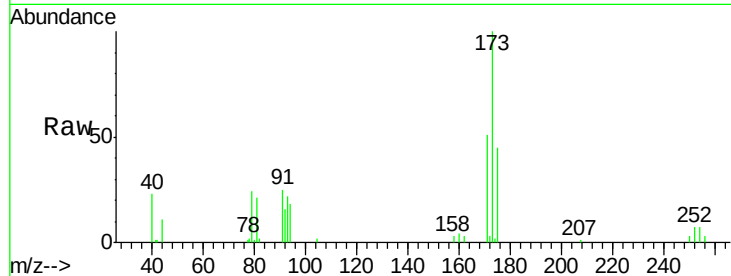
ClientSampleId :

VU0426WBS01

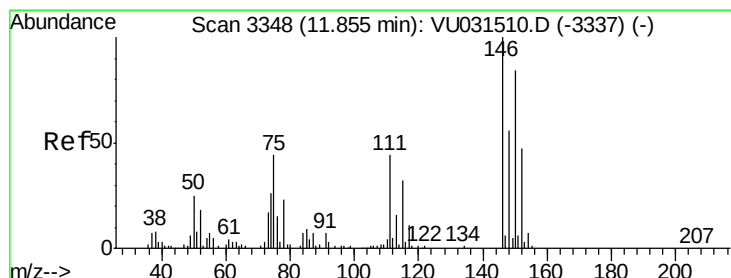
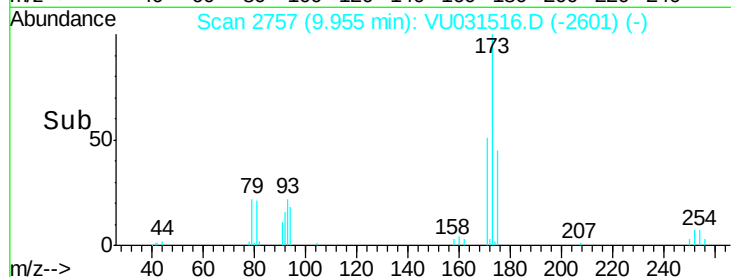
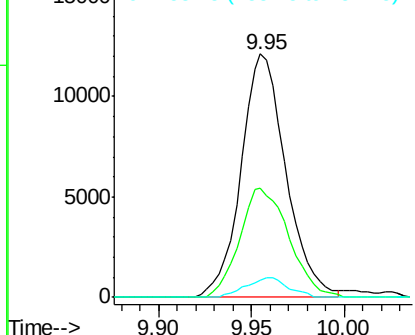
Tot Ion:	173	Resp:	20366
Ion Ratio	Lower	Upper	
173	100		
175	49.2	38.7	58.1
254	7.5	6.0	9.0

Manual Integrations
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Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V



#68

1,2-Dichlorobenzene-d4

Concen: 1.048 ug/l

RT: 11.86 min Scan# 3349

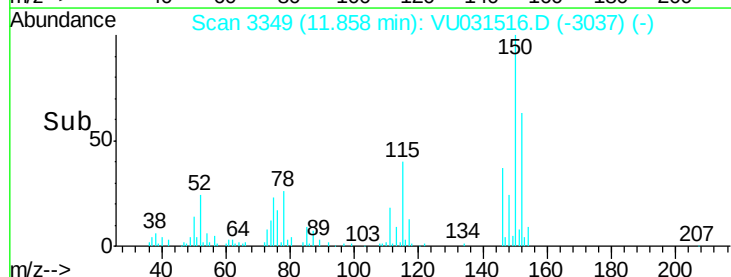
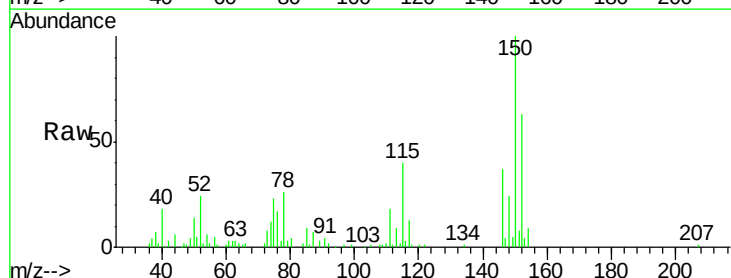
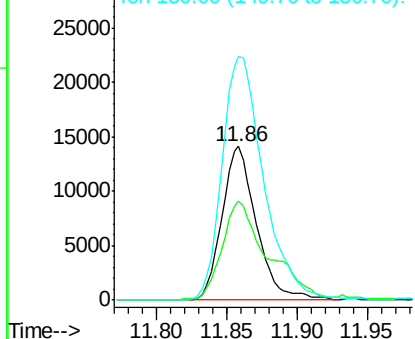
Delta R.T. 0.00 min

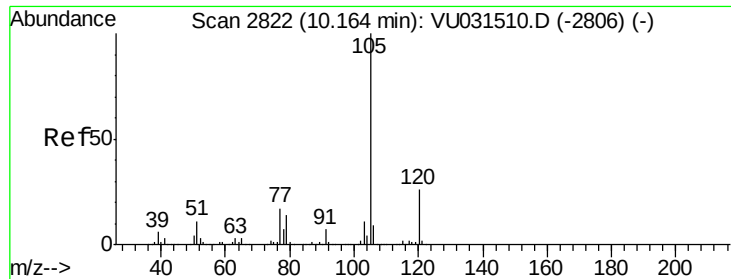
Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Tgt Ion:	152	Resp:	23988
Ion Ratio	Lower	Upper	
152	100		
115	85.1	0.0	123.2
150	191.1	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: 1.942 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

ClientSampleId :

VU0426WBS01

Tot Ion:105 Resp: 150305

Ion Ratio Lower Upper

105 100

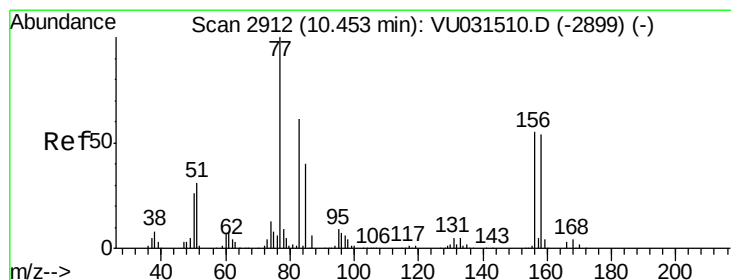
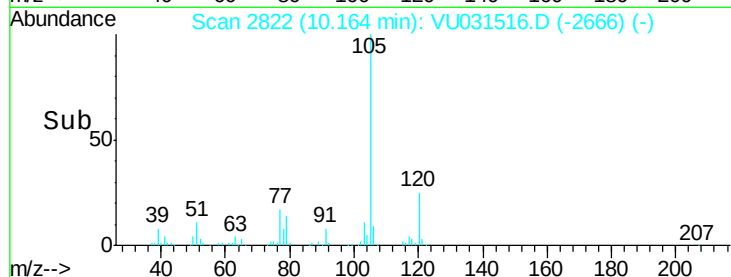
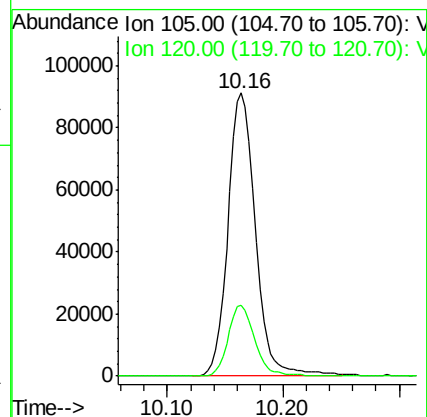
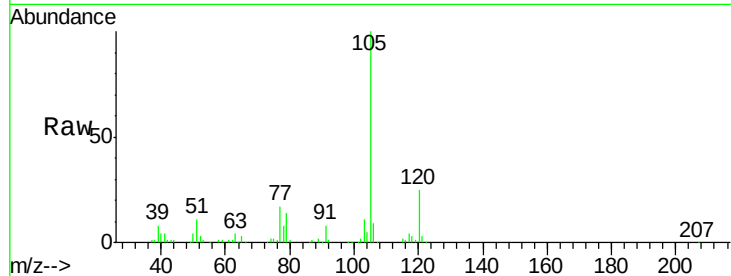
120 24.4 12.4 37.4

Manual Integrations

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#70

1,1,2,2-Tetrachloroethane

Concen: 2.029 ug/l

RT: 10.45 min Scan# 2912

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

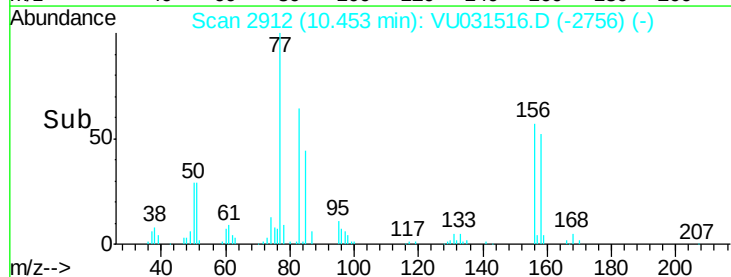
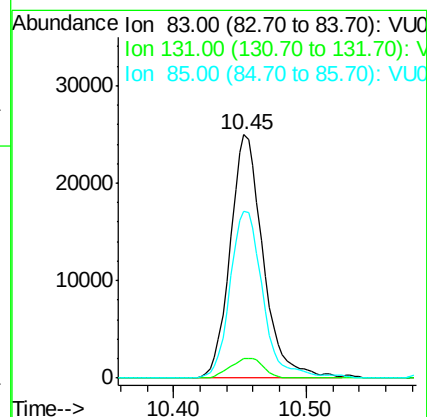
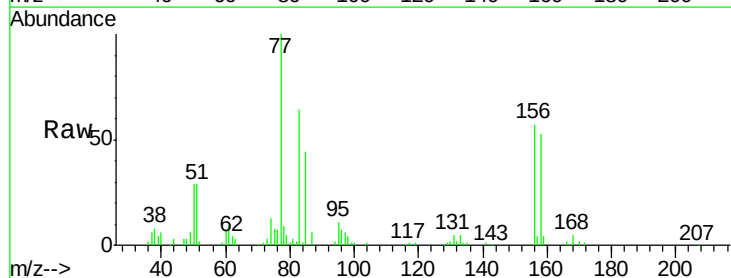
Tgt Ion: 83 Resp: 43078

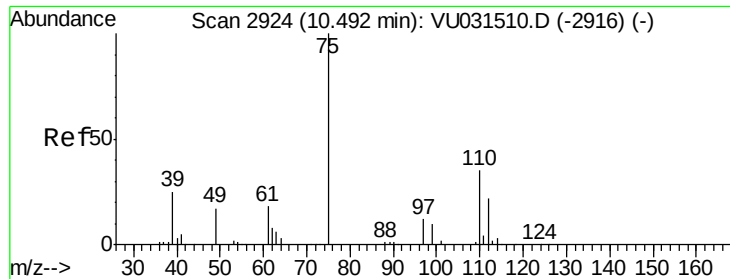
Ion Ratio Lower Upper

83 100

131 8.0 7.2 10.8

85 67.9 52.8 79.2





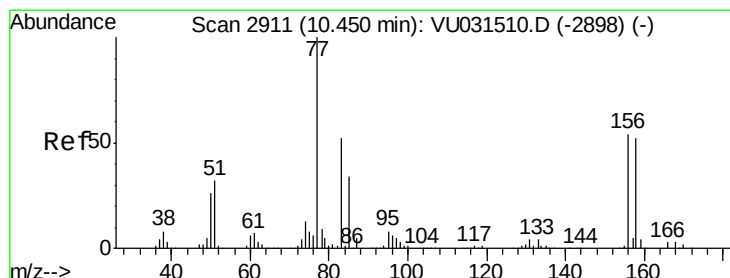
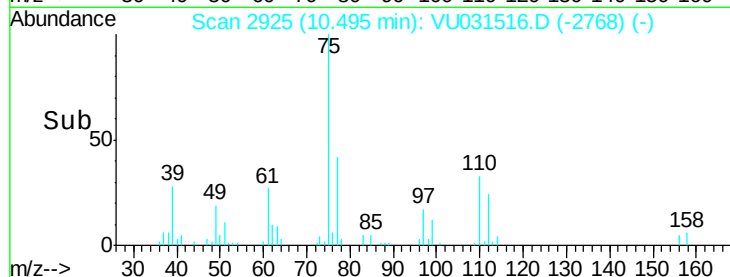
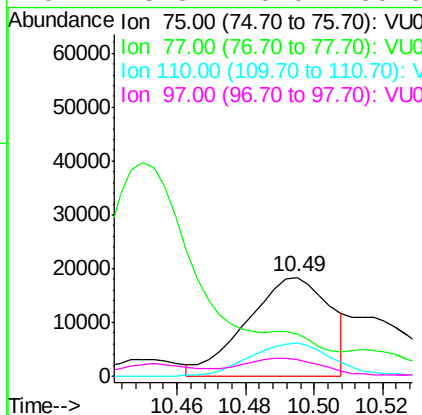
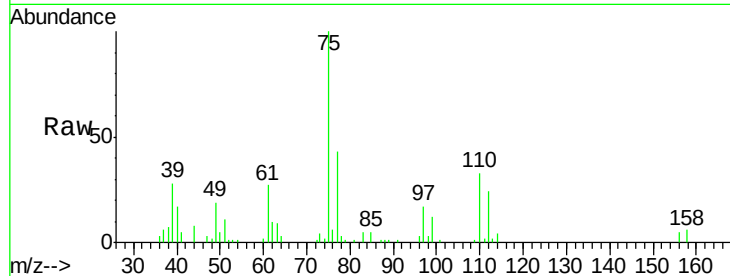
#71
 1,2,3-Trichloropropane
 Concen: 2.001 ug/l m
 RT: 10.49 min Scan# 2925
 Delta R.T. 0.00 min
 Lab File: VU031516.D
 Acq: 26 Apr 2019 01:11

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0426WBS01

Tot Ion	Ion	Ratio	Lower	Upper
75	100			
77	0.0	0.0	0.0	0.0
110	34.2	0.0	68.2	
97	18.8	0.0	36.6	

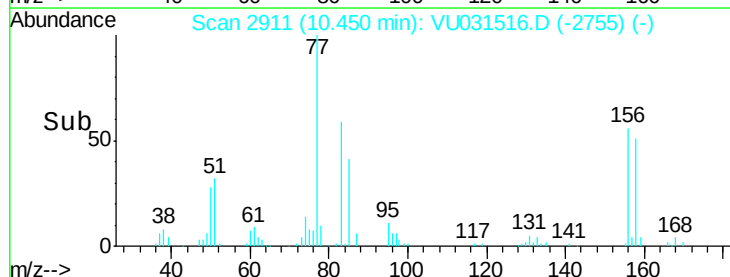
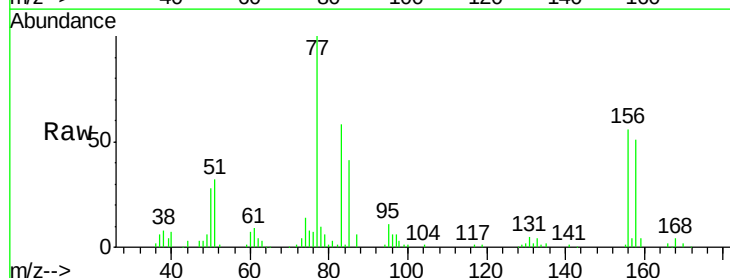
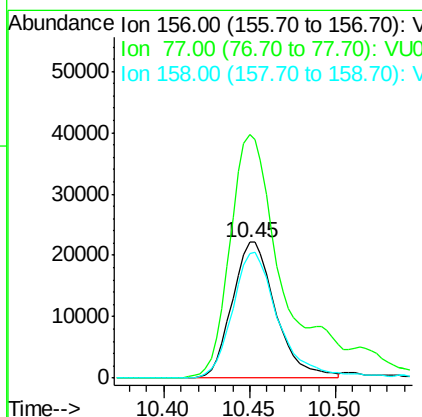
Manual Integrations
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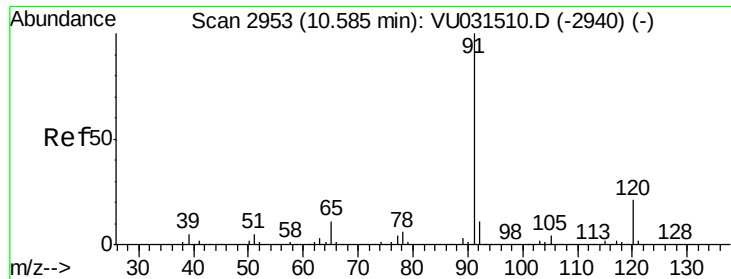
MMdadoda
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#72
 Bromobenzene
 Concen: 1.986 ug/l
 RT: 10.45 min Scan# 2911
 Delta R.T. 0.00 min
 Lab File: VU031516.D
 Acq: 26 Apr 2019 01:11

Tgt Ion	Ion	Ratio	Lower	Upper
156	100			
77	214.2	0.0	353.4	
158	98.0	0.0	190.6	





#73

n-propylbenzene

Concen: 1.968 ug/l

RT: 10.58 min Scan# 2953

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

ClientSampleId :

VU0426WBS01

Tot Ion:120 Resp: 39420

Ion Ratio Lower Upper

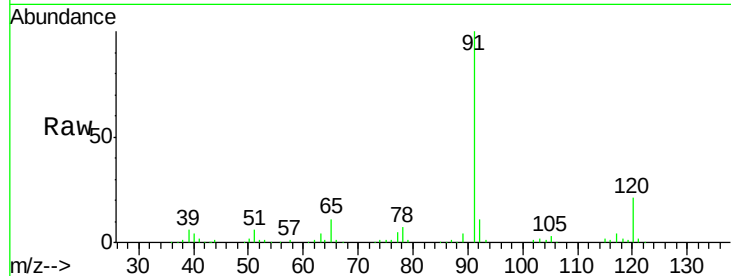
120 100

91 461.2 373.9 560.9

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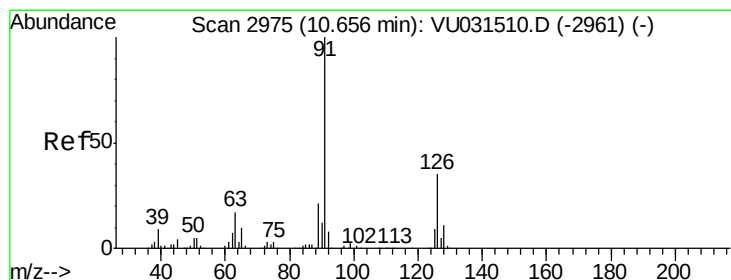
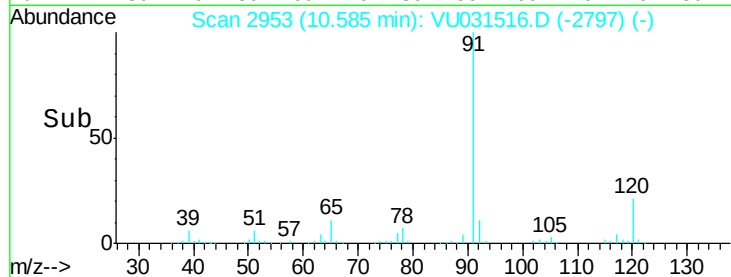
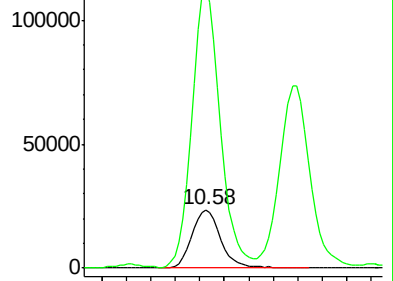
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Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 1.912 ug/l

RT: 10.66 min Scan# 2976

Delta R.T. 0.00 min

Lab File: VU031516.D

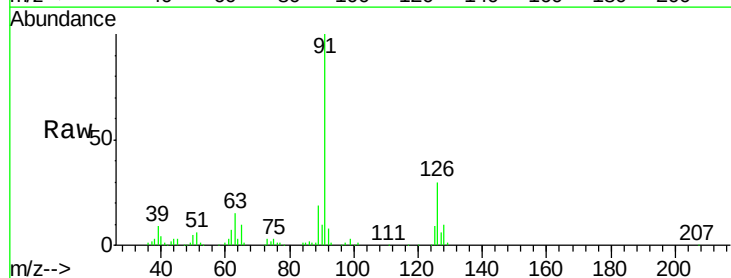
Acq: 26 Apr 2019 01:11

Tgt Ion:126 Resp: 36504

Ion Ratio Lower Upper

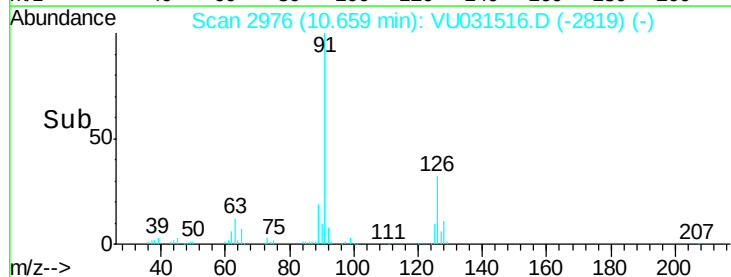
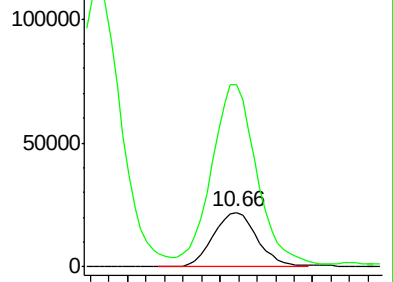
126 100

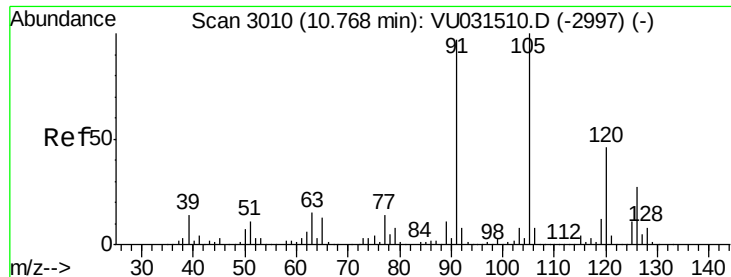
91 332.5 0.0 659.6



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 1.802 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

ClientSampleId :

VU0426WBS01

Tot Ion:105 Resp: 123242

Ion Ratio Lower Upper

105 100

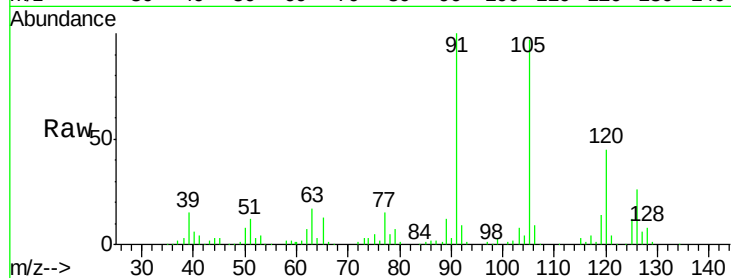
120 47.5 36.8 55.2

Manual Integrations

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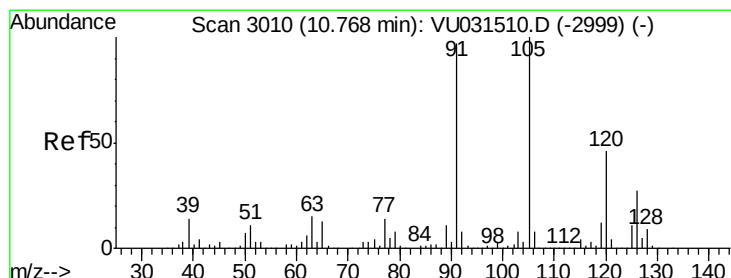
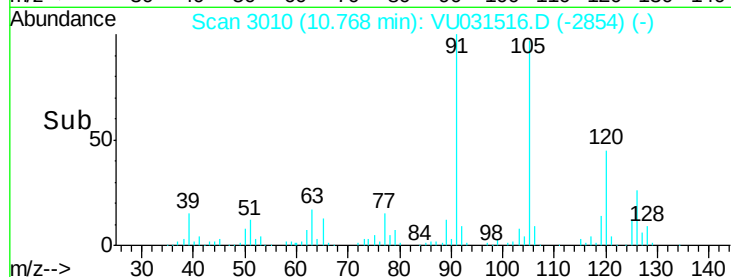
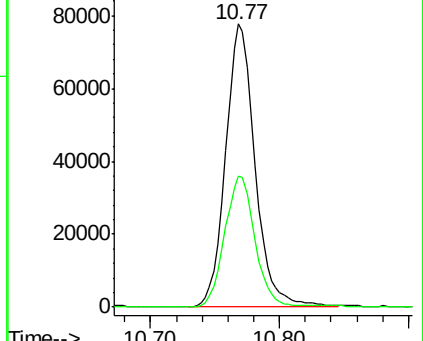
MMdadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 1.809 ug/l

RT: 10.77 min Scan# 3011

Delta R.T. 0.00 min

Lab File: VU031516.D

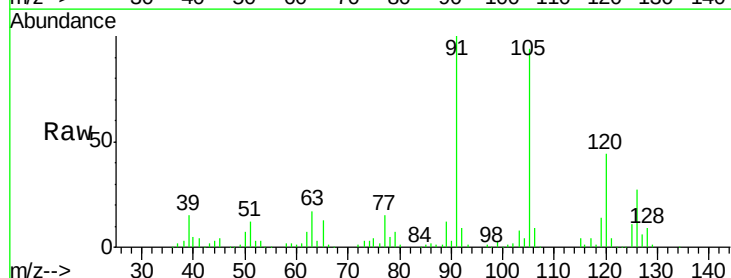
Acq: 26 Apr 2019 01:11

Tgt Ion:126 Resp: 35729

Ion Ratio Lower Upper

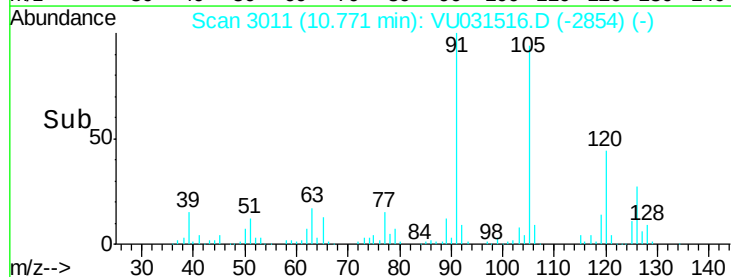
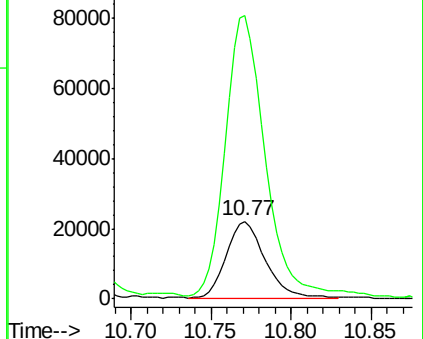
126 100

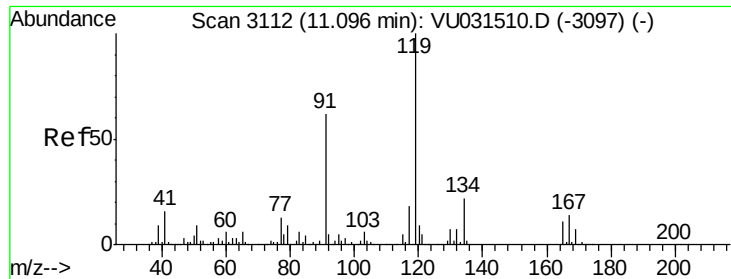
91 386.1 0.0 732.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





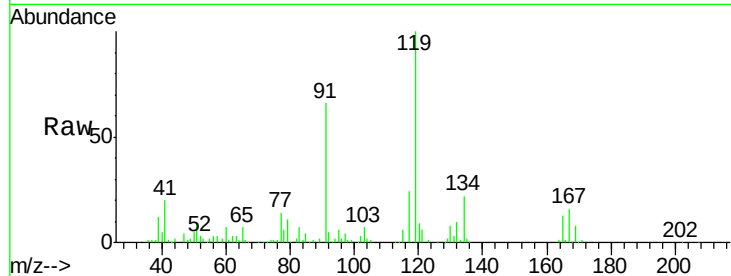
#77
 tert-Butylbenzene
 Concen: 1.883 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. 0.00 min
 Lab File: VU031516.D
 Acq: 26 Apr 2019 01:11

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0426WBS01

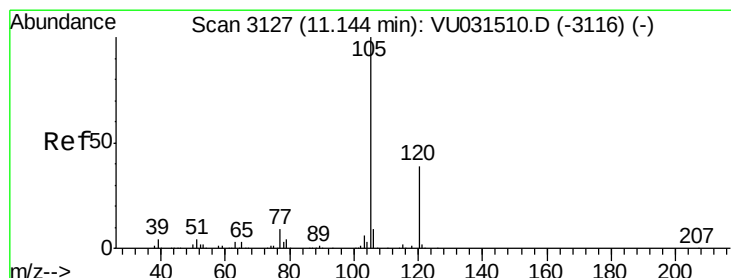
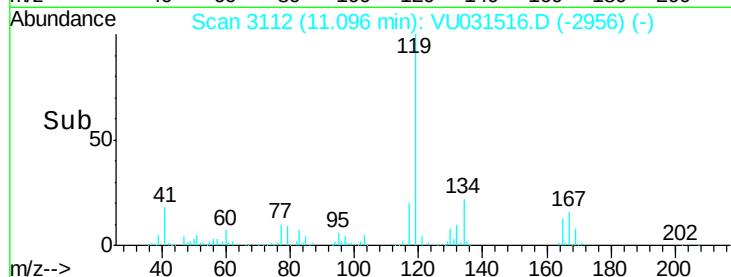
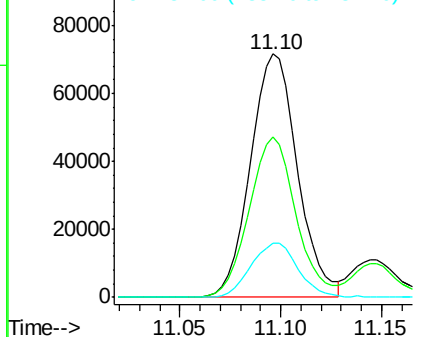
Tot Ion	Ratio	Resp	Lower	Upper
119	100	116501		
91	65.3		31.4	94.2
134	22.5		17.4	26.2

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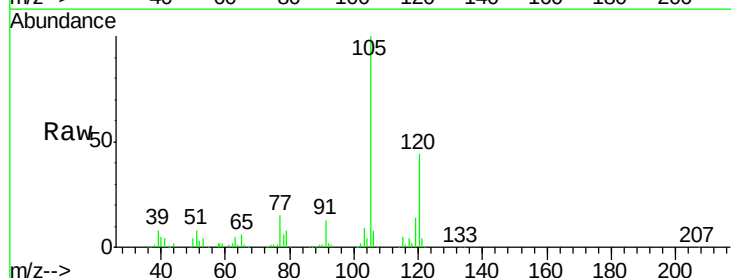


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

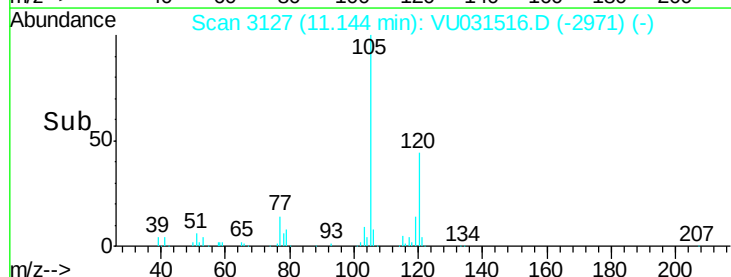
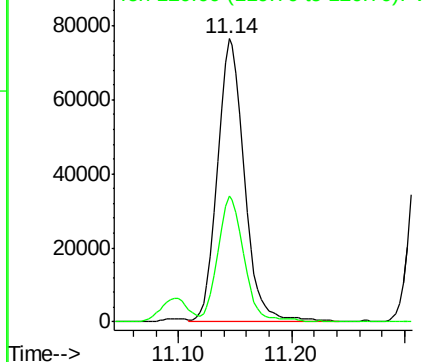


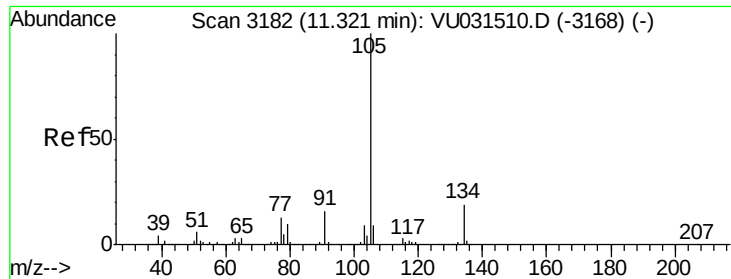
#78
 1,2,4-Trimethylbenzene
 Concen: 1.804 ug/l
 RT: 11.14 min Scan# 3127
 Delta R.T. 0.00 min
 Lab File: VU031516.D
 Acq: 26 Apr 2019 01:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	125110		
120	42.9		21.6	65.0



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





#79

sec-Butylbenzene

Concen: 1.983 ug/l

RT: 11.32 min Scan# 3182

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

ClientSampleId :

VU0426WBS01

Tot Ion:105 Resp: 167283

Ion Ratio Lower Upper

105 100

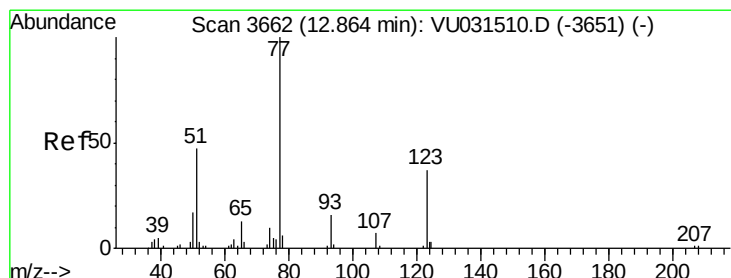
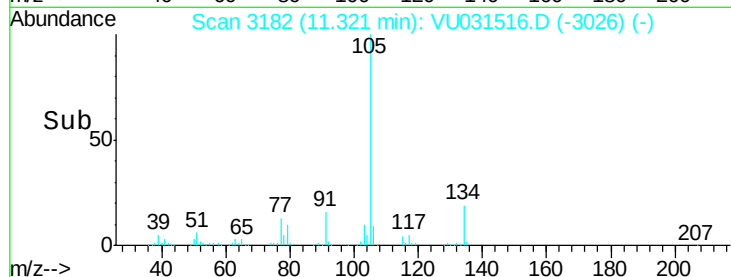
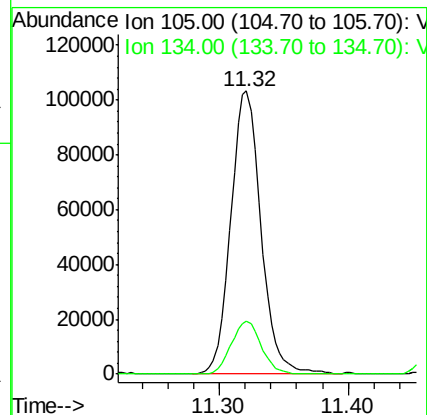
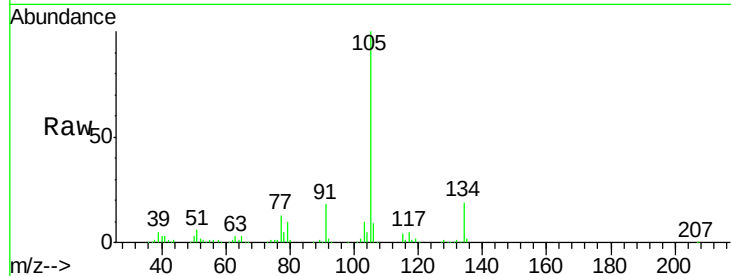
134 18.9 15.0 22.6

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#80

Nitrobenzene

Concen: 5.322 ug/l m

RT: 12.89 min Scan# 3671

Delta R.T. 0.03 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

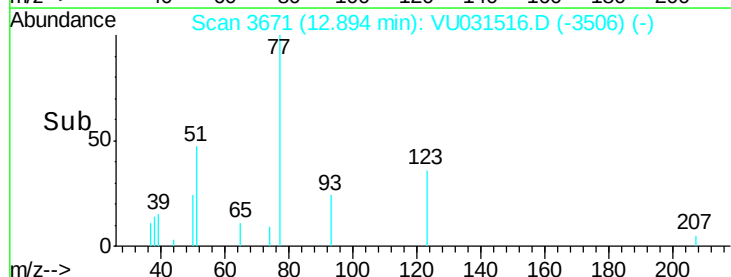
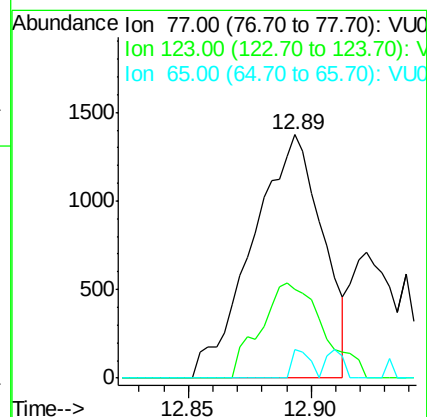
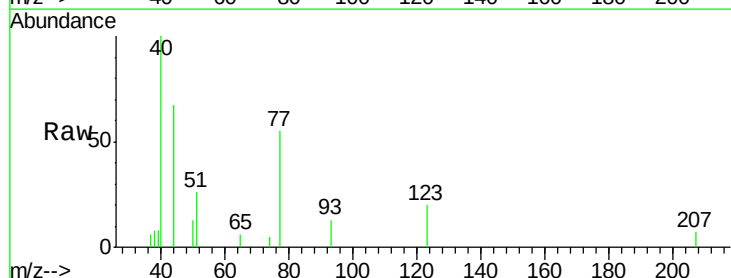
Tgt Ion: 77 Resp: 2720

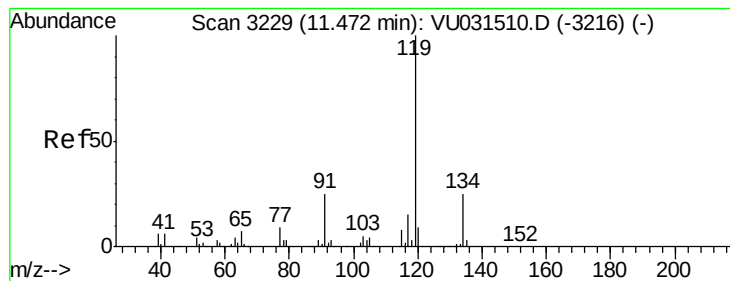
Ion Ratio Lower Upper

77 100

123 34.8 17.2 61.0

65 2.9 9.7 12.3#





#81

p-Isopropyltoluene

Concen: 1.837 ug/l

RT: 11.47 min Scan# 3229

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

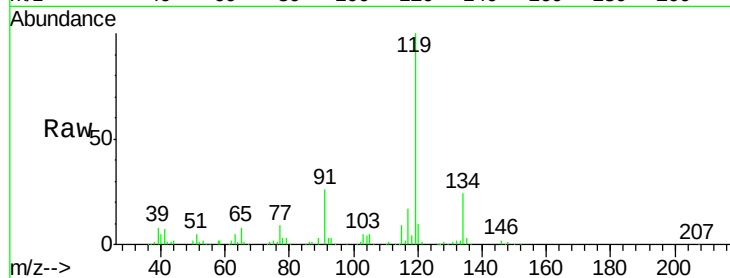
ClientSampled :

VU0426WBS01

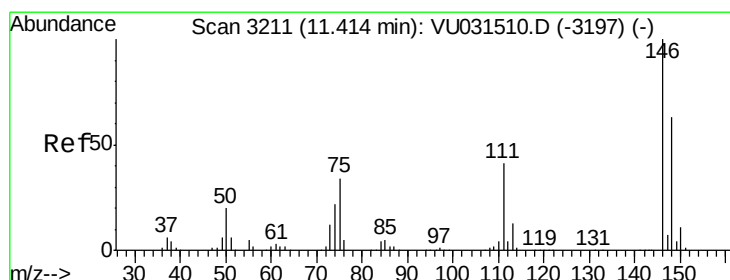
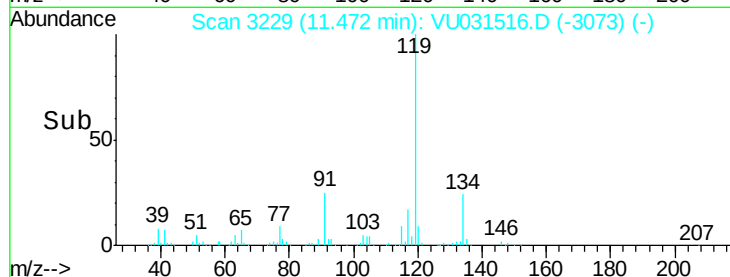
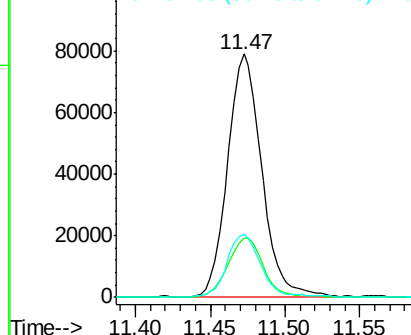
Tot Ion:	119	Resp:	124632
Ion Ratio	Lower	Upper	
119	100		
134	25.7	20.3	30.5
91	25.6	20.3	30.5

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



#82

1,3-Dichlorobenzene

Concen: 2.069 ug/l

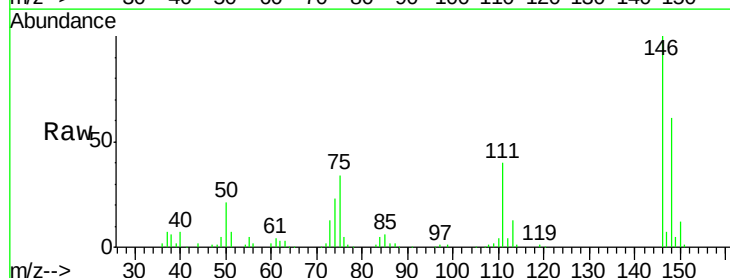
RT: 11.41 min Scan# 3211

Delta R.T. 0.00 min

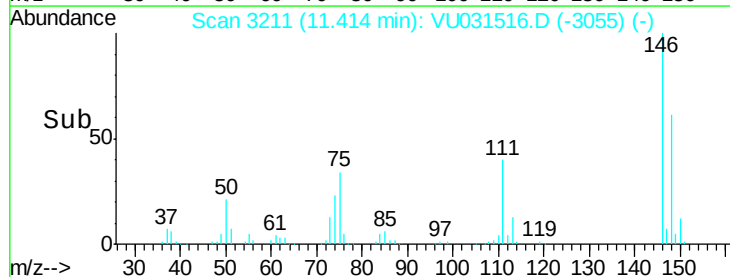
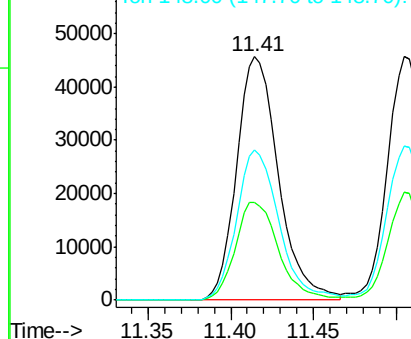
Lab File: VU031516.D

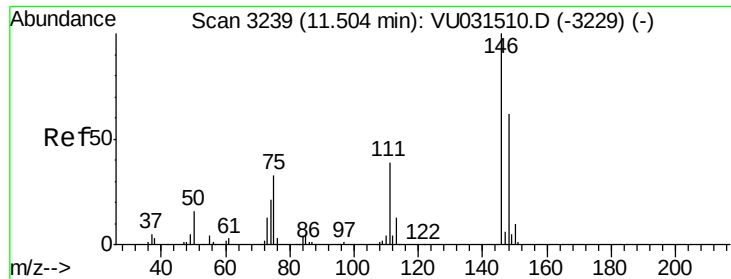
Acq: 26 Apr 2019 01:11

Tgt Ion:	146	Resp:	80313
Ion Ratio	Lower	Upper	
146	100		
111	41.8	33.4	50.0
148	62.7	50.2	75.4



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





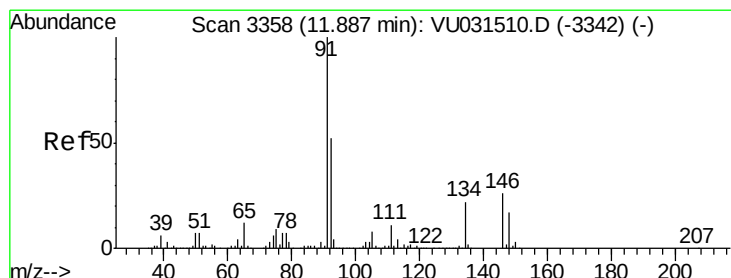
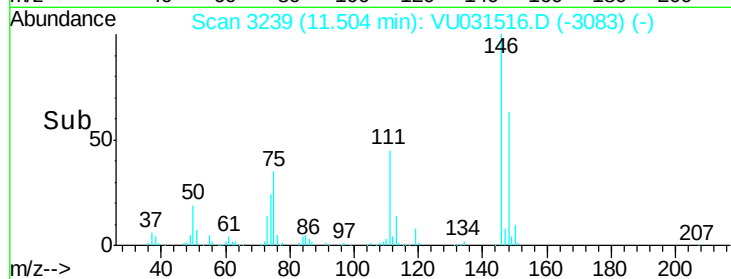
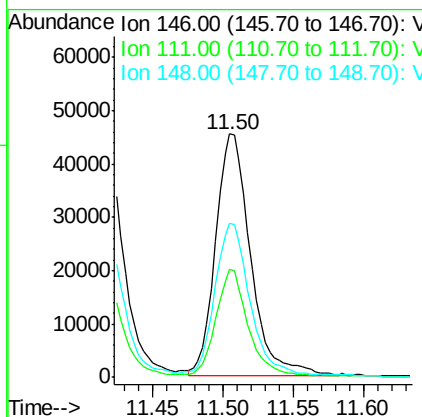
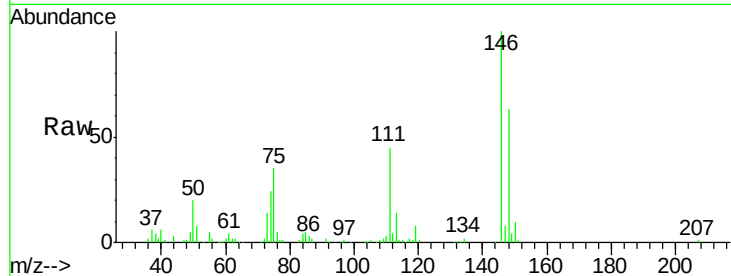
#83
 1,4-Dichlorobenzene
 Concen: 2.102 ug/l
 RT: 11.50 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: VU031516.D
 Acq: 26 Apr 2019 01:11

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0426WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	32.2	48.4
148	62.3	51.2	76.8

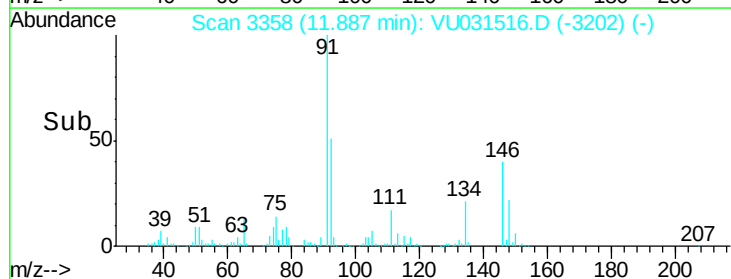
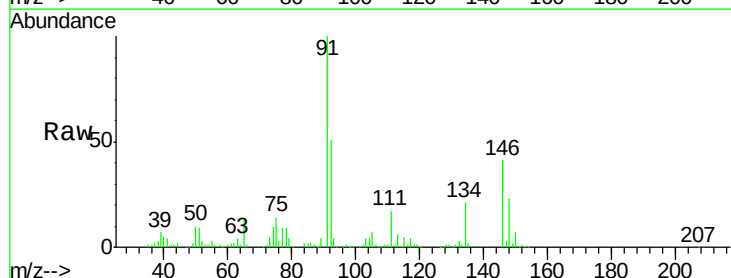
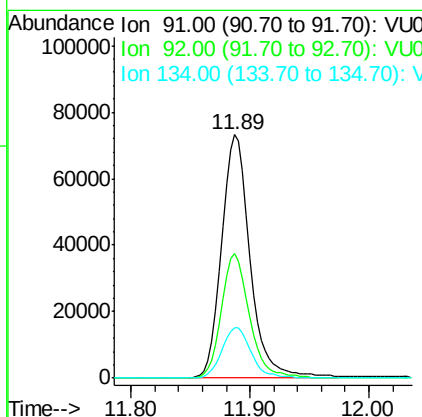
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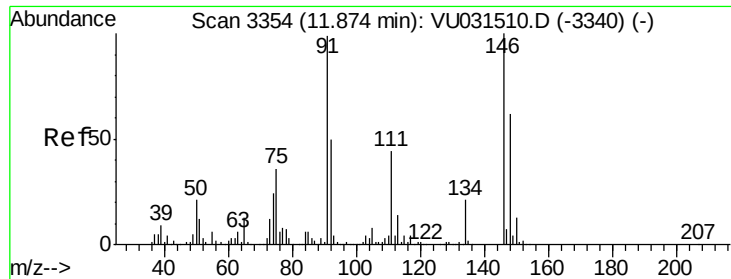
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#84
 n-Butylbenzene
 Concen: 1.891 ug/l
 RT: 11.89 min Scan# 3358
 Delta R.T. 0.00 min
 Lab File: VU031516.D
 Acq: 26 Apr 2019 01:11

Tgt Ion	Ratio	Lower	Upper
91	100		
92	50.3	41.2	61.8
134	21.3	18.1	27.1





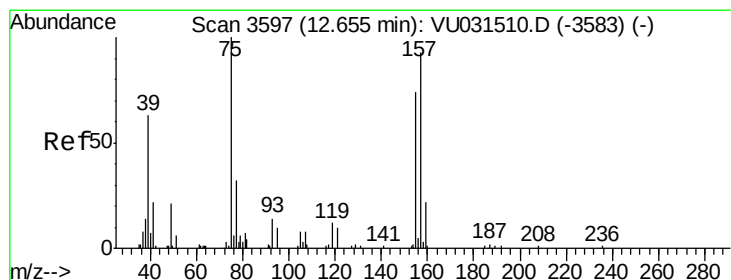
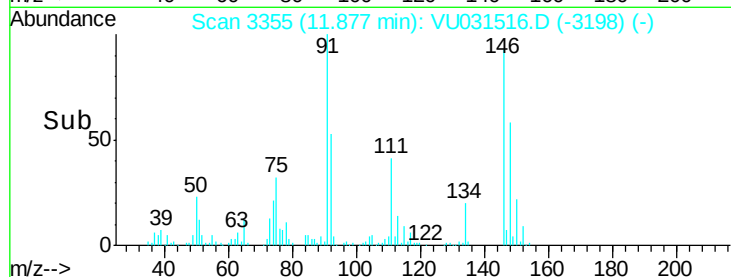
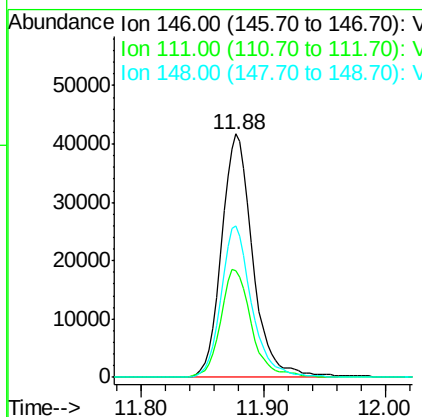
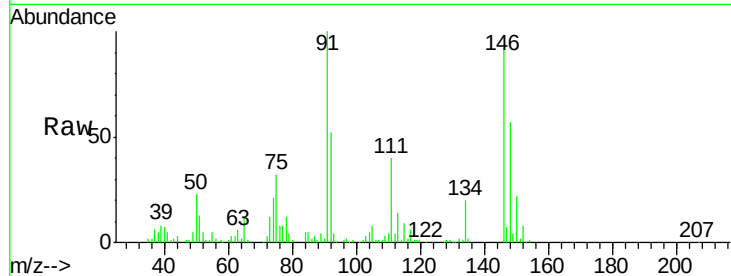
#85
 1,2-Dichlorobenzene
 Concen: 2.032 ug/l
 RT: 11.88 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VU031516.D
 Acq: 26 Apr 2019 01:11

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0426WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.7	65.1
148	61.0	31.6	94.7

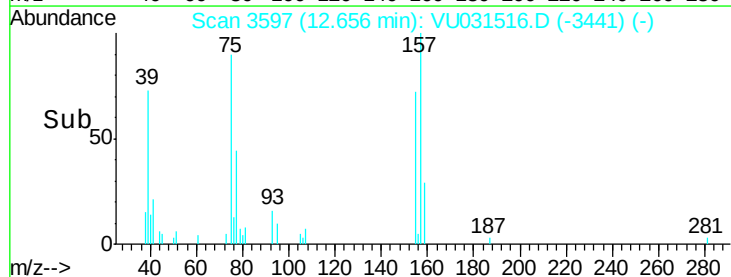
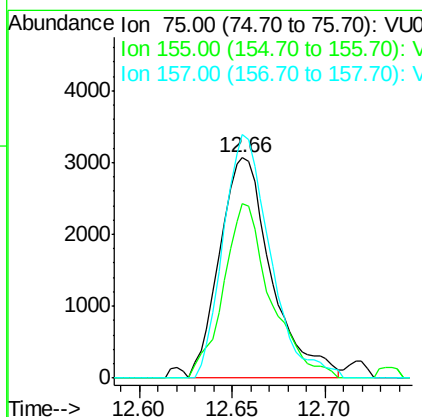
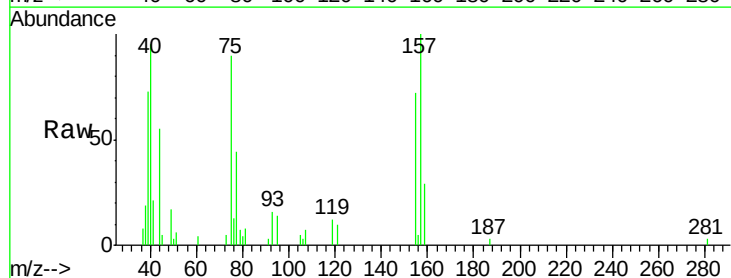
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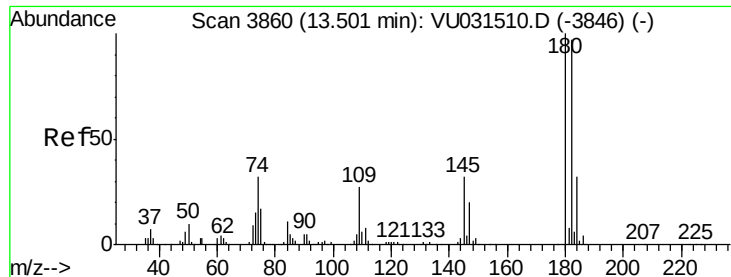
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.949 ug/l
 RT: 12.66 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VU031516.D
 Acq: 26 Apr 2019 01:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.1	58.5	87.7
157	100.3	75.0	112.4





#87

1,2,4-Trichlorobenzene

Concen: 1.960 ug/l

RT: 13.50 min Scan# 3860

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

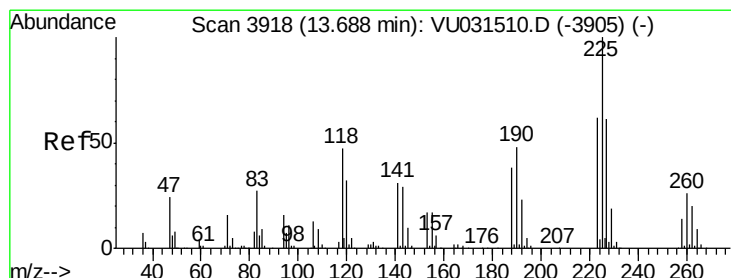
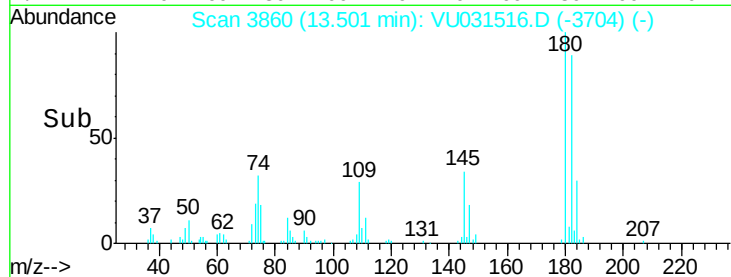
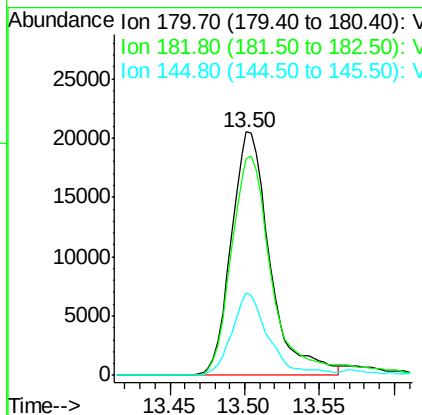
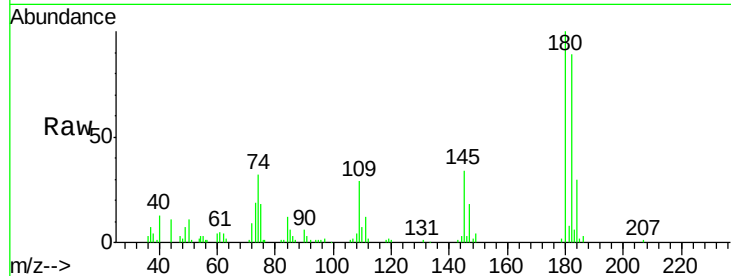
ClientSampleId :

VU0426WBS01

Tot Ion:	180	Resp:	36928
Ion Ratio	Lower	Upper	
180	100		
182	96.8	75.5	113.3
145	32.0	23.9	35.9

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#88

Hexachlorobutadiene

Concen: 1.982 ug/l

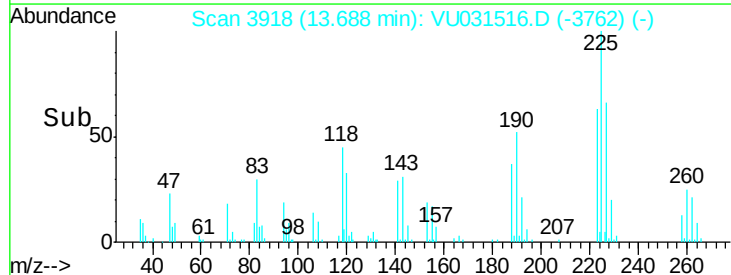
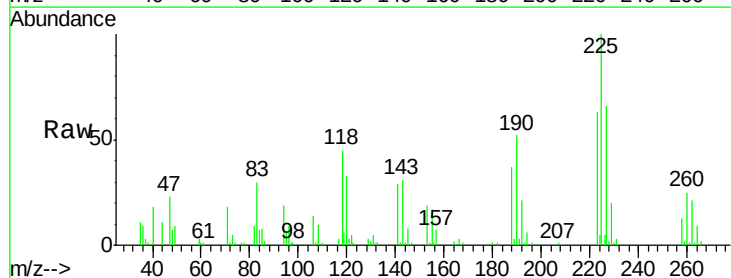
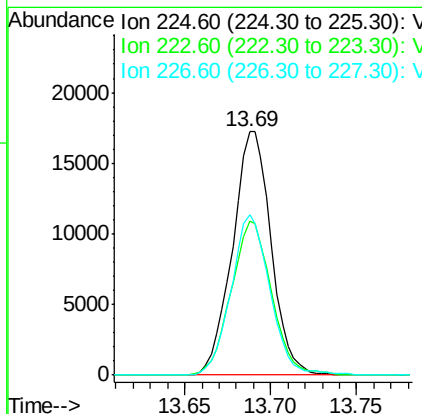
RT: 13.69 min Scan# 3918

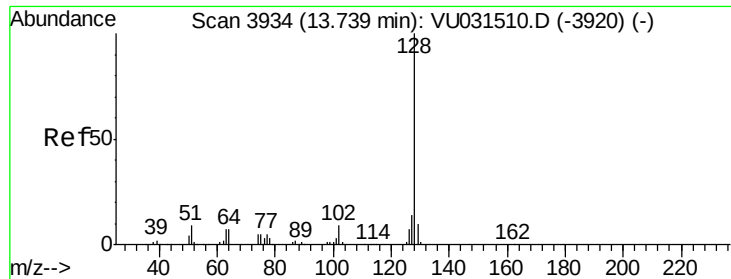
Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Tgt Ion:	225	Resp:	26863
Ion Ratio	Lower	Upper	
225	100		
223	66.0	50.2	75.4
227	66.2	50.4	75.6





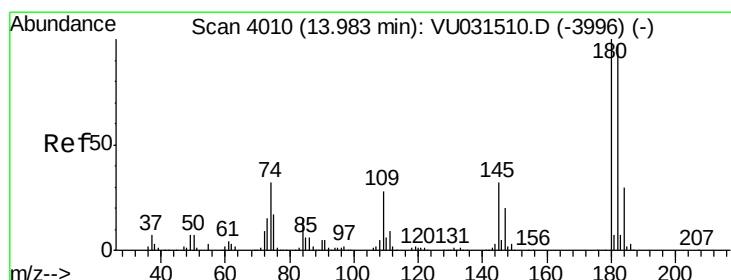
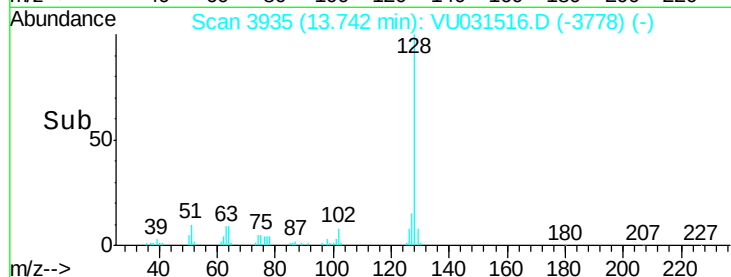
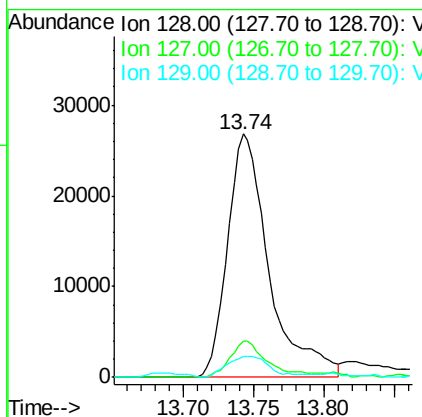
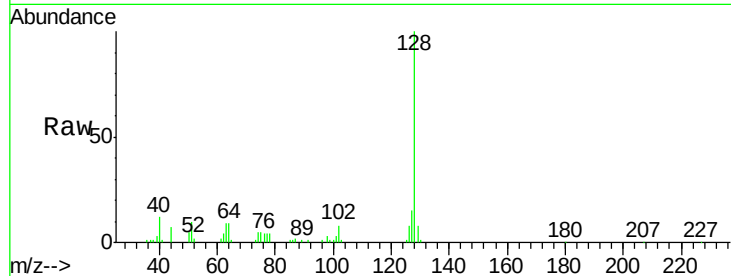
#89
Naphthalene
Concen: 1.856 ug/l
RT: 13.74 min Scan# 3935
Delta R.T. 0.00 min
Lab File: VU031516.D
Acq: 26 Apr 2019 01:11

Instrument :
MSVOA_U
ClientSampleId :
VU0426WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.8	16.2
129	9.1	8.2	12.2

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#90
1,2,3-Trichlorobenzene
Concen: 1.874 ug/l
RT: 13.98 min Scan# 4010
Delta R.T. 0.00 min
Lab File: VU031516.D
Acq: 26 Apr 2019 01:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	77.1	115.7
145	33.5	25.9	38.9

