

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090718\
 Data File : VU026615.D
 Acq On : 07 Sep 2018 11:31
 Operator : MD/SY
 Sample : VU0907WBS01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0907WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/10/2018 9:52:42 AM

Quant Time: Sep 07 23:01:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U082018DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Aug 20 13:35:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.75	96	24228	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	8353	0.96	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	9734	0.96	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.00%	

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.21	85	15914	1.69	ug/l	96
3) Chloromethane	1.33	50	18822	2.34	ug/l	99
4) Vinyl Chloride	1.40	62	18331	2.28	ug/l	99
5) Bromomethane	1.63	94	8042	1.82	ug/l	88
6) Chloroethane	1.70	64	11353	2.36	ug/l	99
7) Trichlorofluoromethane	1.89	101	23532	1.98	ug/l	100
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	13975	2.12	ug/l	99
9) 1,1-Dichloroethene	2.29	96	12407	2.20	ug/l	95
10) Iodomethane	2.41	142	7884	1.11	ug/l	97
11) Allyl Chloride	2.59	41	22528	2.38	ug/l	93
12) Acrylonitrile	2.94	53	6714	5.26	ug/l	96
13) Acetone	2.33	43	20345	19.43	ug/l	98
14) Carbon Disulfide	2.48	76	42878	2.20	ug/l	99
15) Methylene Chloride	2.70	84	17047	2.57	ug/l	98
16) trans-1,2-Dichloroethene	2.98	96	13556	2.08	ug/l	96
17) 1,1-Dichloroethane	3.44	63	23774	2.00	ug/l	98
18) 2-Butanone	4.29	43	21524	11.79	ug/l	99
19) Cyclohexane	4.99	56	16492	1.88	ug/l	93
20) Methylcyclohexane	6.41	83	17302	1.69	ug/l	98
21) 2,2-Dichloropropane	4.23	77	20336	1.66	ug/l	98
22) cis-1,2-Dichloroethene	4.23	96	13702	1.73	ug/l	93
23) Diethyl Ether	2.11	59	10226	2.37	ug/l	97
24) tert-Butyl Alcohol	2.86	59	11320	25.67	ug/l #	82
25) Methyl tert-Butyl Ether	3.01	73	32371	2.21	ug/l	97
26) Bromochloromethane	4.55	128	5795	1.64	ug/l	92
27) Chloroform	4.67	83	25601	1.86	ug/l	100
28) 1,1,1-Trichloroethane	4.92	97	20096	1.64	ug/l	99
29) 1,1-Dichloropropene	5.14	75	16481	1.71	ug/l	99
30) Carbon Tetrachloride	5.13	117	17623	1.53	ug/l	99
31) Isopropyl Ether	3.58	45	37275	1.90	ug/l	96
32) Ethyl-t-butyl ether	4.08	59	30190	1.76	ug/l	97
33) Tert-Amyl methyl ether	5.58	73	25065	1.71	ug/l	99
34) Propionitrile	4.35	54	4938	9.50	ug/l #	94
35) Benzene	5.39	78	49899	1.79	ug/l	98
36) 1,2-Dichloroethane	5.41	62	14926	1.72	ug/l	99
37) Trichloroethene	6.19	130	13022	1.66	ug/l	99
38) 1,2-Dichloropropane	6.44	63	13185	1.82	ug/l	97
39) Methacrylonitrile	4.56	41	4022	1.83	ug/l	91
40) Methyl acrylate	4.43	55	5970	1.79	ug/l #	98
41) Tetrahydrofuran	4.66	42	4527	3.71	ug/l #	83
42) 1-Chlorobutane	5.07	56	23941	1.83	ug/l	97

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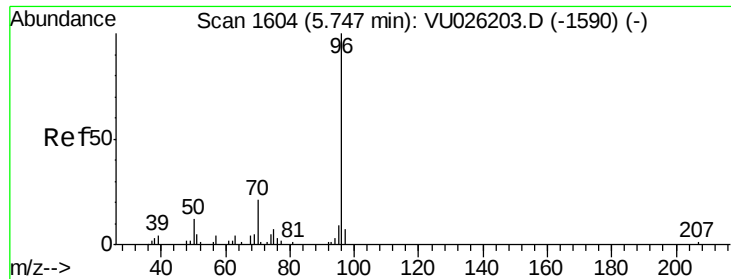
Manual Integrations
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Quant Time: Sep 07 23:01:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U082018DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Aug 20 13:35:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	6573	1.71	ug/l	98
44) Bromodichloromethane	6.76	83	17129	1.73	ug/l	95
45) 4-Methyl-2-Pentanone	7.47	43	36200	9.30	ug/l	98
46) t-1,4-Dichloro-2-butene	10.52	75	4301m	2.63	ug/l	
47) Methyl methacrylate	6.63	69	10587	3.61	ug/l	96
48) Ethyl methacrylate	8.02	69	9109	1.70	ug/l	98
49) Toluene	7.64	92	27436	1.72	ug/l	92
50) t-1,3-Dichloropropene	7.88	75	13820	1.63	ug/l	98
51) cis-1,3-Dichloropropene	7.27	75	16686	1.70	ug/l	97
52) 1,1,2-Trichloroethane	8.07	97	9097	1.75	ug/l	96
53) 1,3-Dichloropropane	8.25	76	15145	1.75	ug/l	99
54) 2-Hexanone	8.37	43	29129	10.51	ug/l	97
55) Dibromochloromethane	8.48	129	11049	1.59	ug/l	100
56) 1,2-Dibromoethane	8.59	107	8166	1.61	ug/l	100
58) Tetrachloroethene	8.23	164	12434	1.67	ug/l	97
59) Chlorobenzene	9.12	112	31714	1.72	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	12075	1.64	ug/l	97
61) Pentachloroethane	11.11	117	10139	1.61	ug/l	95
62) Hexachloroethane	12.15	117	9601	1.53	ug/l	99
63) Ethyl Benzene	9.25	91	48487	1.65	ug/l	99
64) m/p-Xylenes	9.38	106	39182	3.35	ug/l	98
65) o-Xylene	9.78	106	18261	1.64	ug/l	98
66) Styrene	9.79	104	31222	1.64	ug/l	98
67) Bromoform	9.96	173	6343	1.55	ug/l	97
69) Isopropylbenzene	10.17	105	48037	1.63	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	11339	1.73	ug/l	99
71) 1,2,3-Trichloropropane	10.50	75	7725	1.65	ug/l #	98
72) Bromobenzene	10.46	156	13450	1.63	ug/l	98
73) n-propylbenzene	10.59	120	13638	1.58	ug/l	99
74) 2-Chlorotoluene	10.66	126	13015	1.67	ug/l	90
75) 1,3,5-Trimethylbenzene	10.77	105	42658	1.63	ug/l	100
76) 4-Chlorotoluene	10.77	126	13095	1.64	ug/l	96
77) tert-Butylbenzene	11.10	119	41952	1.61	ug/l	97
78) 1,2,4-Trimethylbenzene	11.15	105	43152	1.59	ug/l	100
79) sec-Butylbenzene	11.33	105	56340	1.65	ug/l	99
80) Nitrobenzene	12.86	77	2115	7.41	ug/l #	90
81) p-Isopropyltoluene	11.48	119	46305	1.60	ug/l	98
82) 1,3-Dichlorobenzene	11.42	146	27352	1.57	ug/l	99
83) 1,4-Dichlorobenzene	11.51	146	27704	1.60	ug/l	98
84) n-Butylbenzene	11.89	91	44170	1.58	ug/l	95
85) 1,2-Dichlorobenzene	11.88	146	25552	1.60	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.66	75	1681	1.46	ug/l	90
87) 1,2,4-Trichlorobenzene	13.50	180	16128	1.44	ug/l	97
88) Hexachlorobutadiene	13.69	225	11291	1.64	ug/l	97
89) Naphthalene	13.75	128	24234	1.37	ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	16086	1.52	ug/l	100

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



#1

Fluorobenzene

Concen: 1.00 ug/l

RT: 5.75 min Scan# 1422

Delta R.T. -0.00 min

Lab File: VU026615.D

Acq: 07 Sep 2018 11:31

Instrument :

MSVOA_U

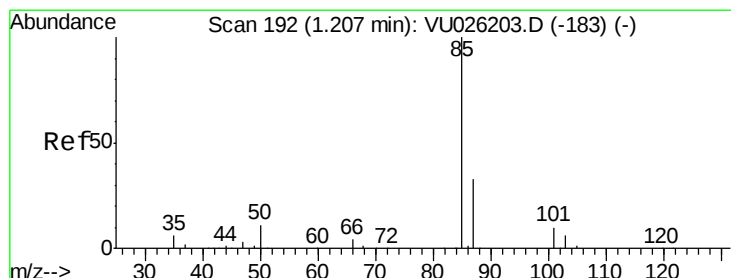
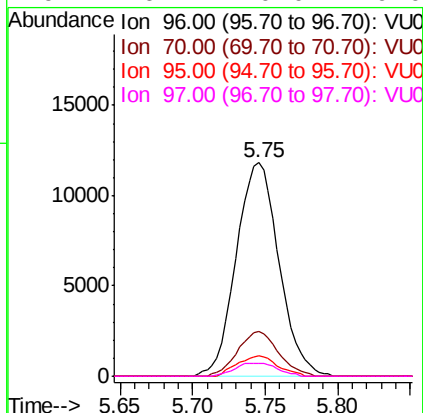
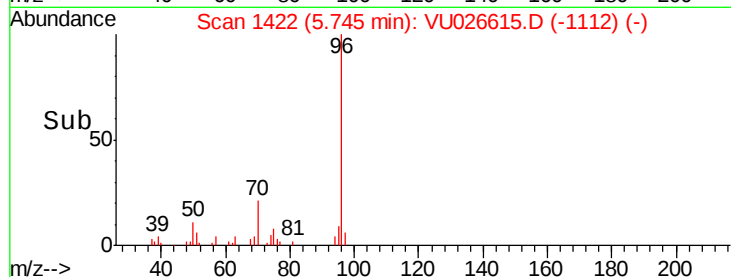
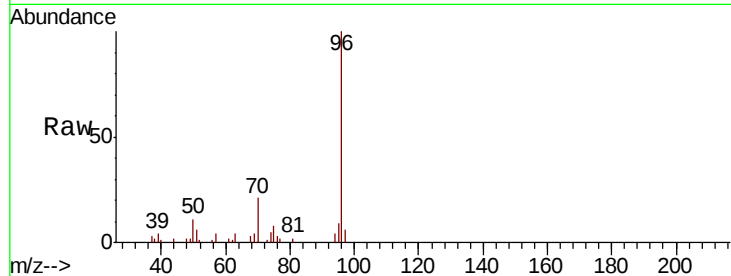
ClientSampleId :

VU0907WBS01

Tot Ion:	96	Resp:	24228
Ion	Ratio	Lower	Upper
96	100		
70	19.9	16.2	24.4
95	9.0	6.9	10.3
97	6.2	0.0	0.0#

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#2

Dichlorodifluoromethane

Concen: 1.69 ug/l

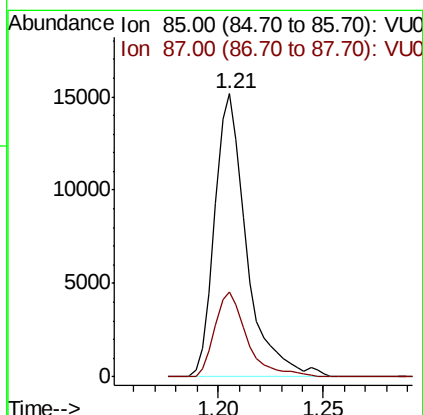
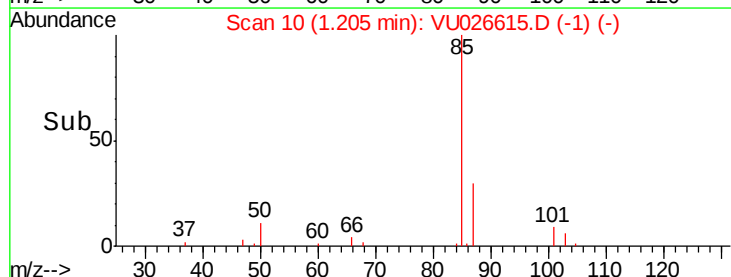
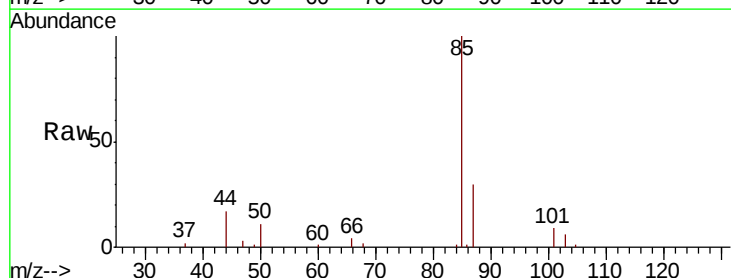
RT: 1.21 min Scan# 10

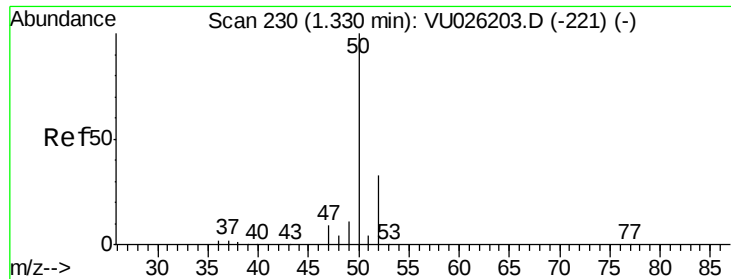
Delta R.T. -0.00 min

Lab File: VU026615.D

Acq: 07 Sep 2018 11:31

Tgt Ion:	85	Resp:	15914
Ion	Ratio	Lower	Upper
85	100		
87	29.8	16.2	48.5





#3

Chloromethane

Concen: 2.34 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU026615.D

Acq: 07 Sep 2018 11:31

Instrument :

MSVOA_U

ClientSampleId :

VU0907WBS01

Tot Ion: 50 Resp: 18822

Ion Ratio Lower Upper

50 100

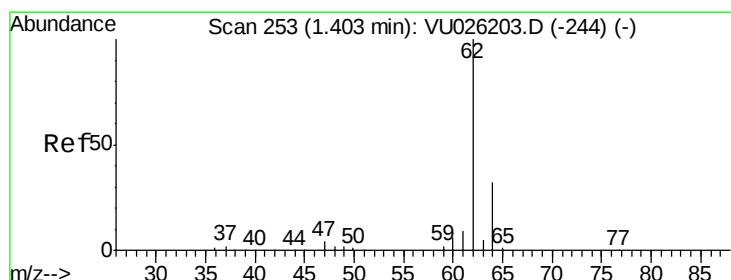
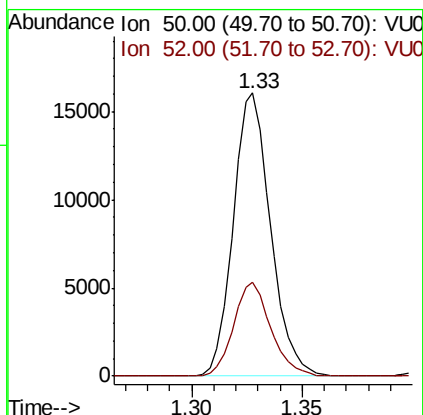
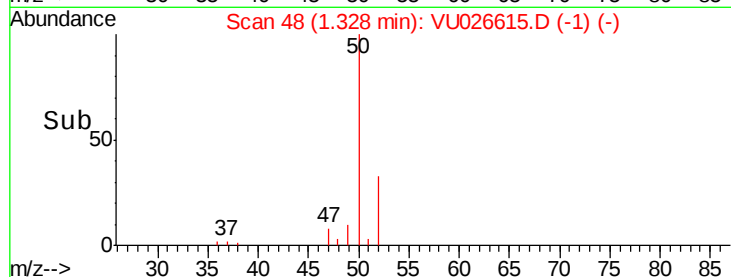
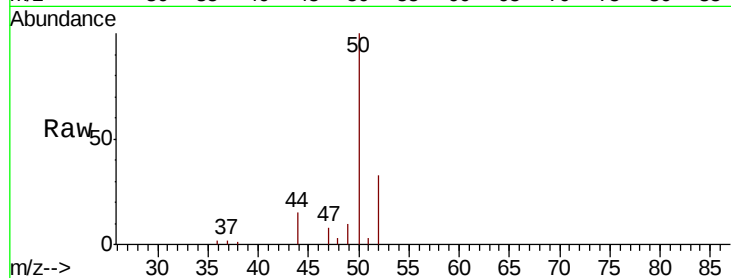
52 33.1 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 2.28 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU026615.D

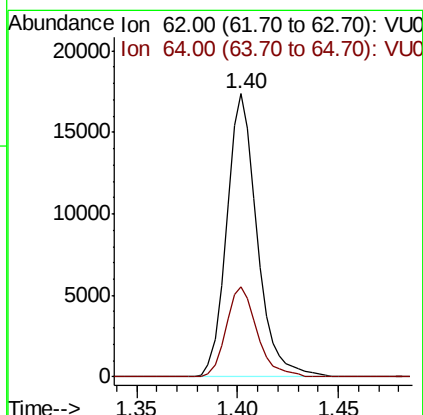
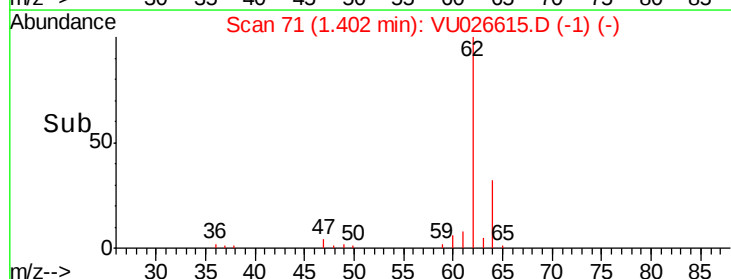
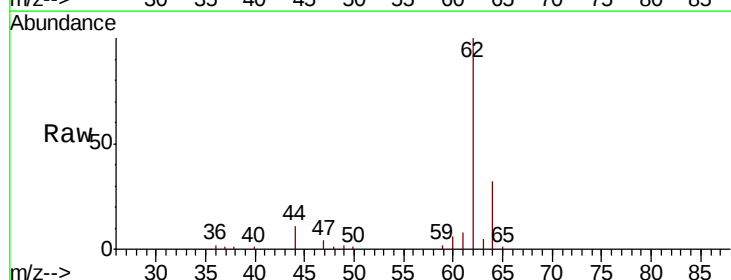
Acq: 07 Sep 2018 11:31

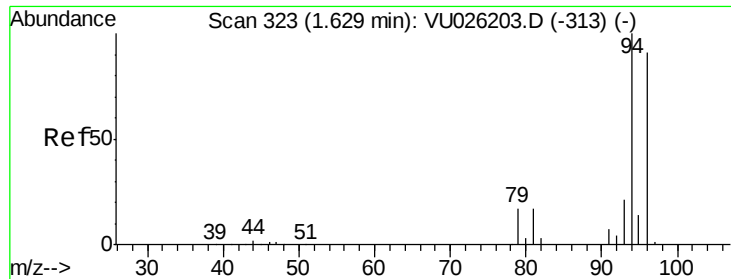
Tgt Ion: 62 Resp: 18331

Ion Ratio Lower Upper

62 100

64 31.8 25.8 38.8





#5

Bromomethane

Concen: 1.82 ug/l

RT: 1.63 min Scan# 142

Delta R.T. 0.00 min

Lab File: VU026615.D

Acq: 07 Sep 2018 11:31

Instrument :

MSVOA_U

ClientSampleId :

VU0907WBS01

Tot Ion: 94 Resp: 8042

Ion Ratio Lower Upper

94 100

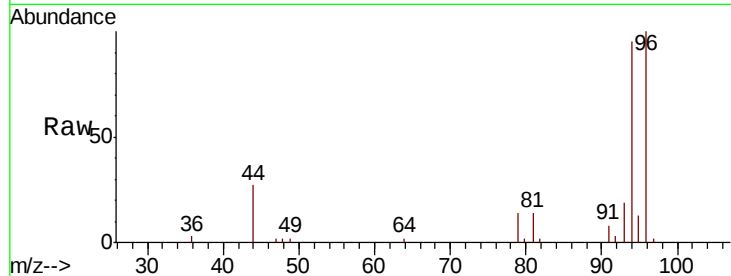
96 105.3 75.1 112.7

Manual Integrations

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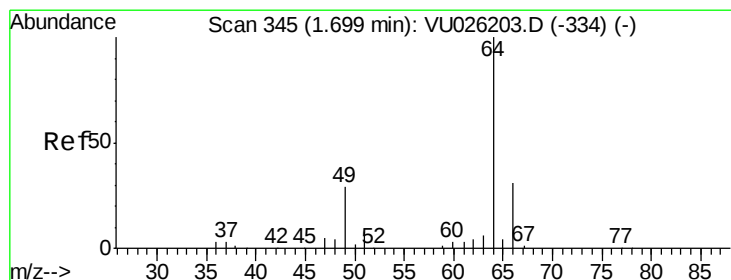
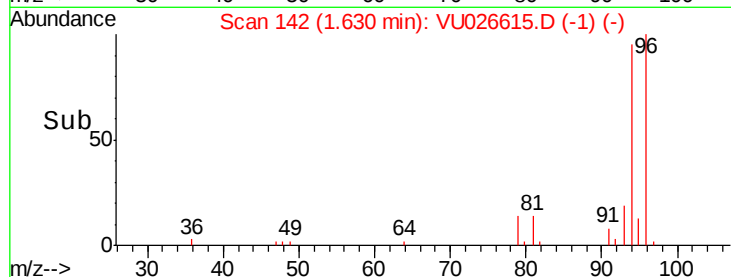
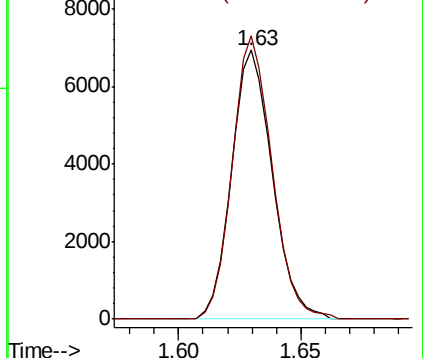
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Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 2.36 ug/l

RT: 1.70 min Scan# 164

Delta R.T. 0.00 min

Lab File: VU026615.D

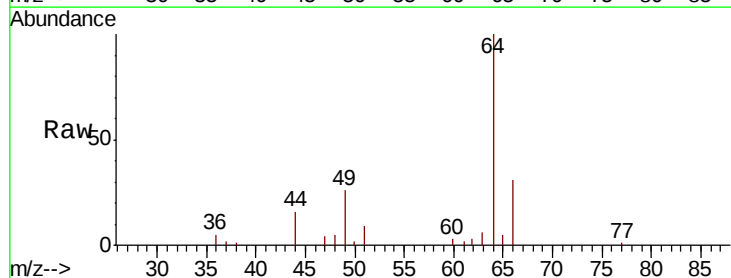
Acq: 07 Sep 2018 11:31

Tgt Ion: 64 Resp: 11353

Ion Ratio Lower Upper

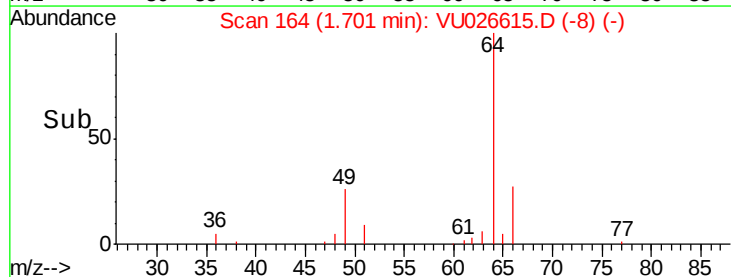
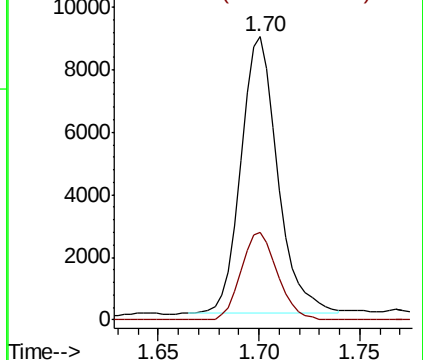
64 100

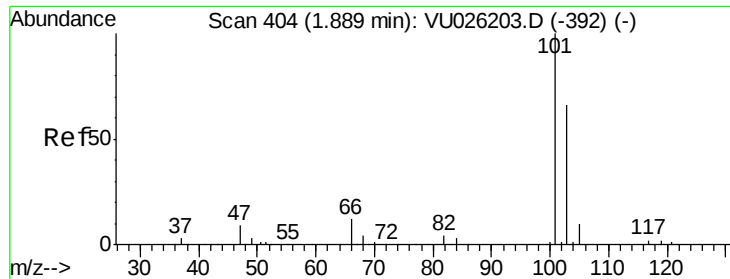
66 31.8 24.9 37.3



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0





#7

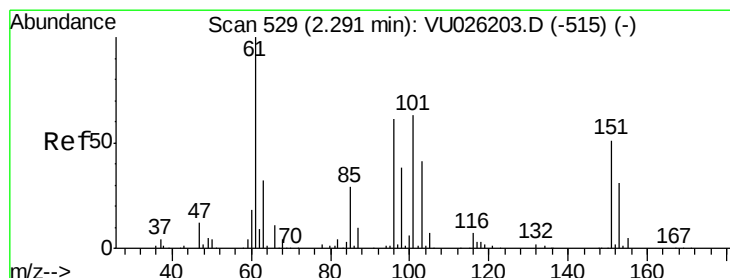
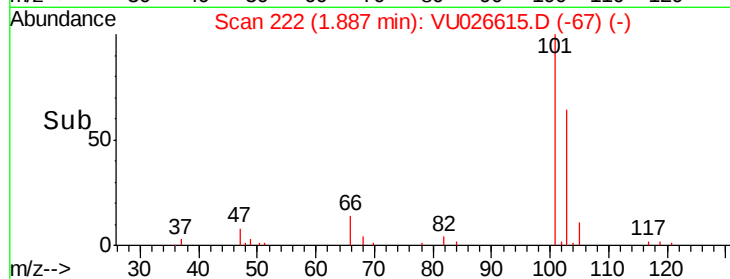
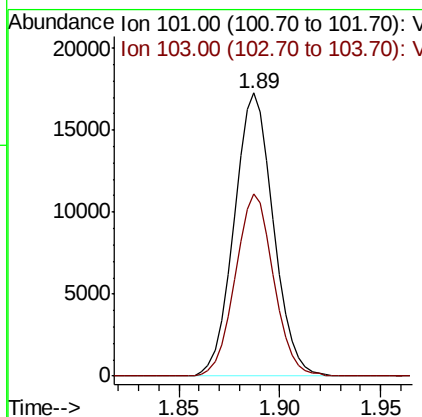
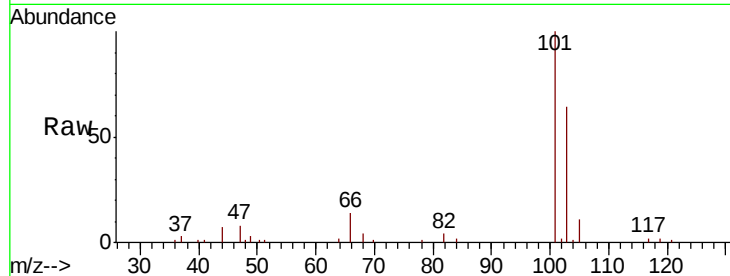
Trichlorofluoromethane
 Concen: 1.98 ug/l
 RT: 1.89 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VU026615.D
 Acq: 07 Sep 2018 11:31

Instrument :
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 VU0907WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.4	77.0

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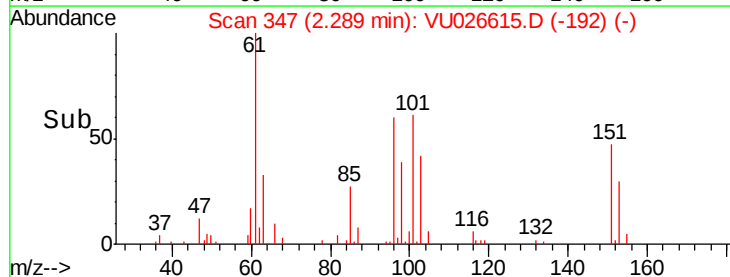
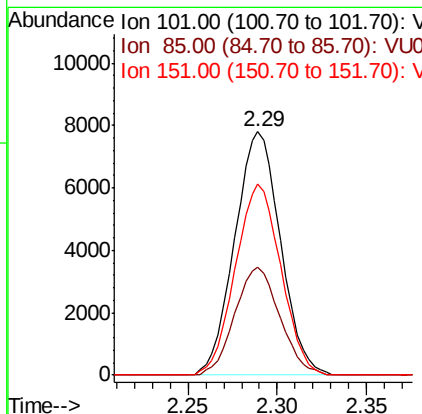
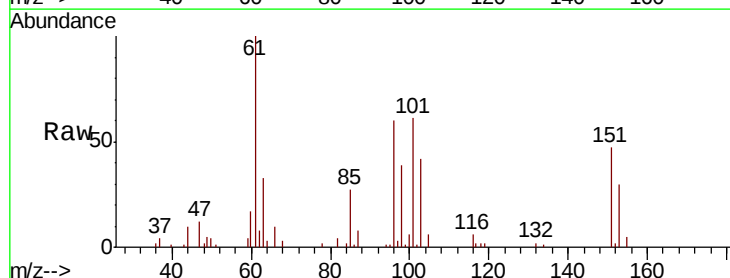
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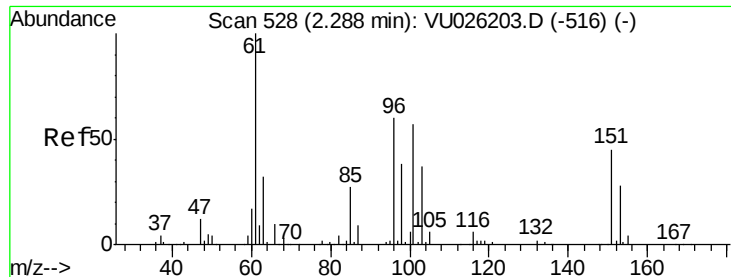


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.12 ug/l
 RT: 2.29 min Scan# 347
 Delta R.T. -0.00 min
 Lab File: VU026615.D
 Acq: 07 Sep 2018 11:31

Tgt Ion	Ratio	Lower	Upper
101	100		
85	43.4	35.2	52.8
151	78.1	63.5	95.3





#9

1,1-Dichloroethene

Concen: 2.20 ug/l

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU026615.D

Acq: 07 Sep 2018 11:31

Instrument :

MSVOA_U

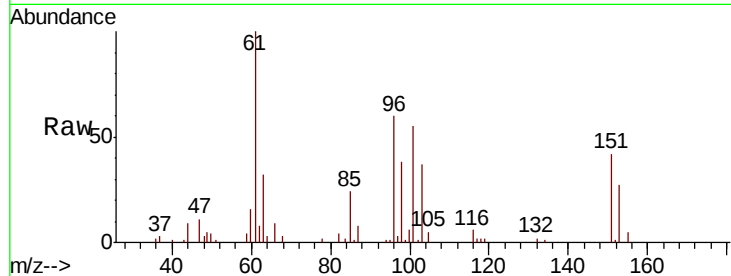
ClientSampleId :

VU0907WBS01

Tot Ion:	96	Resp:	12407
Ion	Ratio	Lower	Upper
96	100		
61	166.9	0.0	526.5
98	64.0	0.0	123.4

Manual Integrations
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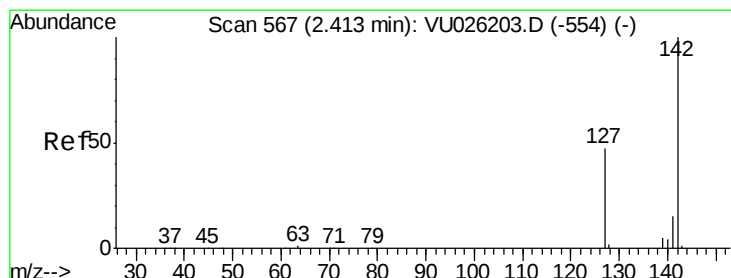
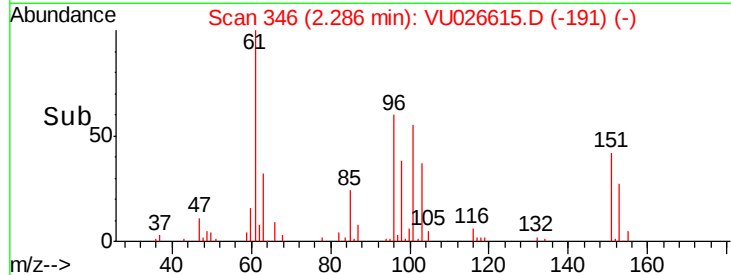
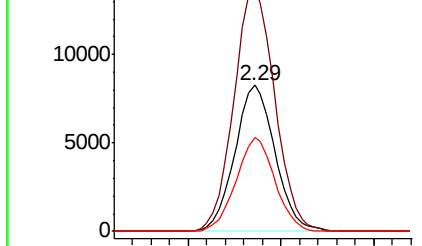
MMDadoda
9/10/2018 9:52:42 AM



Abundance Ion 96.00 (95.70 to 96.70): VU026615.D (-191) (-)

Ion 61.00 (60.70 to 61.70): VU026615.D (-191) (-)

Ion 98.00 (97.70 to 98.70): VU026615.D (-191) (-)



#10

Iodomethane

Concen: 1.11 ug/l

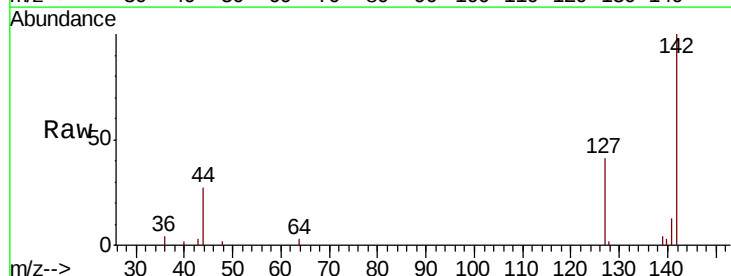
RT: 2.41 min Scan# 385

Delta R.T. -0.00 min

Lab File: VU026615.D

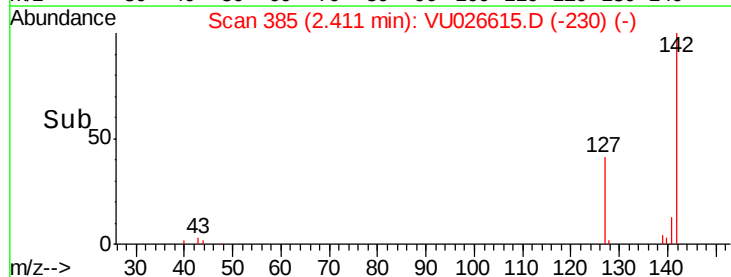
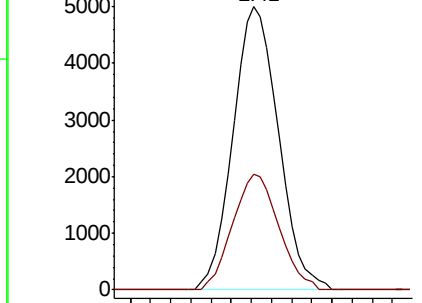
Acq: 07 Sep 2018 11:31

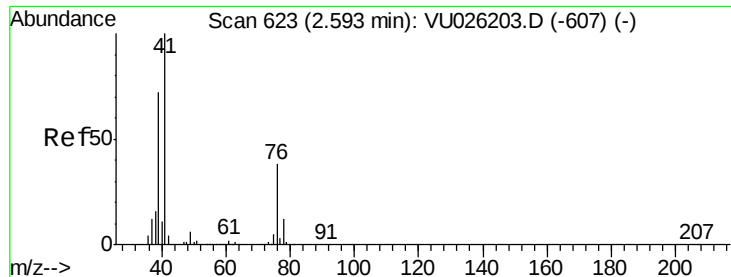
Tgt Ion:	142	Resp:	7884
Ion	Ratio	Lower	Upper
142	100		
127	41.4	34.5	51.7



Abundance Ion 142.00 (141.70 to 142.70): VU026615.D (-230) (-)

Ion 127.00 (126.70 to 127.70): VU026615.D (-230) (-)





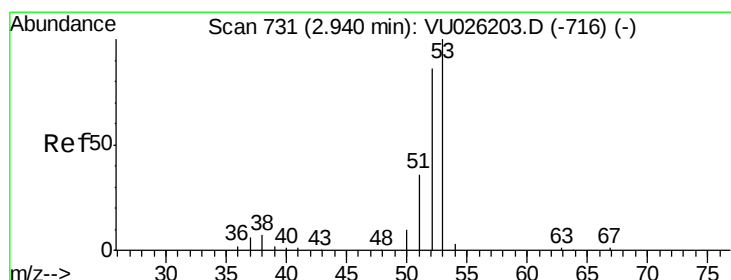
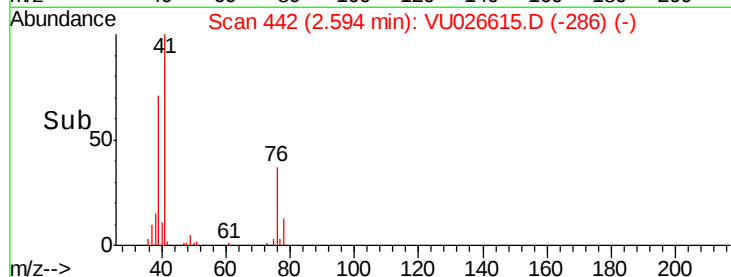
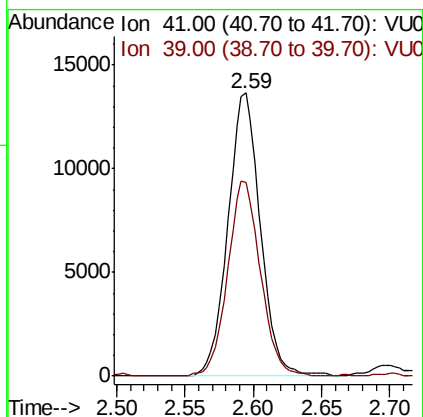
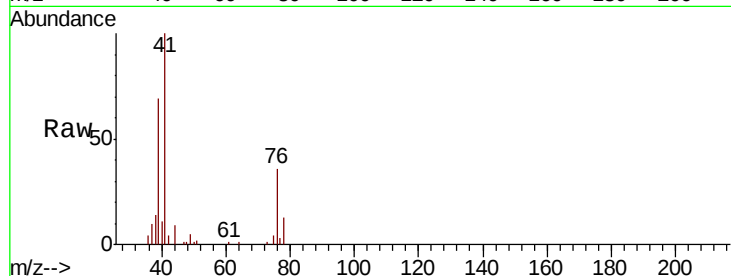
#11
Allvl Chloride
Concen: 2.38 ug/l
RT: 2.59 min Scan# 442
Delta R.T. 0.00 min
Lab File: VU026615.D
Acq: 07 Sep 2018 11:31

Instrument :
MSVOA_U
ClientSampleId :
VU0907WBS01

Tot Ion: 41 Resp: 22528
Ion Ratio Lower Upper
41 100
39 69.8 51.4 77.2

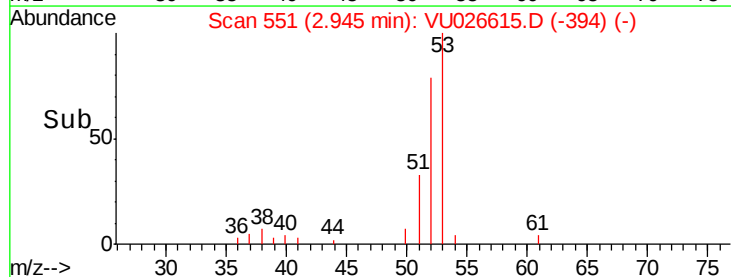
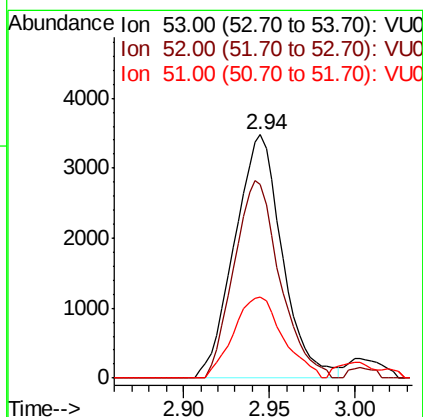
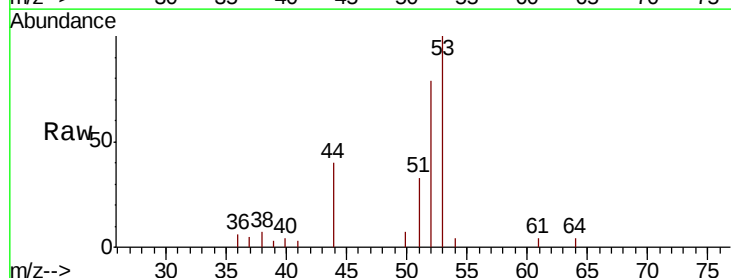
Manual Integrations
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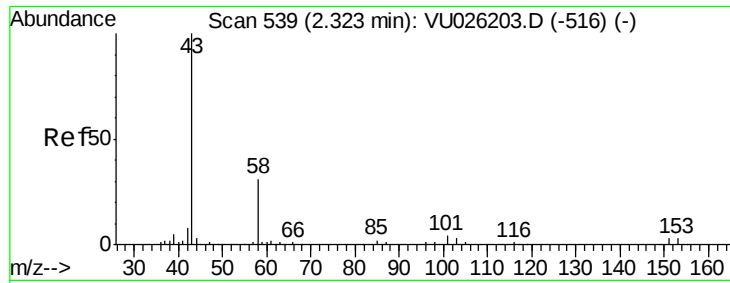
MMDadoda
9/10/2018 9:52:42 AM



#12
Acrylonitrile
Concen: 5.26 ug/l
RT: 2.94 min Scan# 551
Delta R.T. 0.00 min
Lab File: VU026615.D
Acq: 07 Sep 2018 11:31

Tgt Ion: 53 Resp: 6714
Ion Ratio Lower Upper
53 100
52 78.2 65.1 97.7
51 34.5 30.2 45.4





#13

Acetone

Concen: 19.43 ug/l

RT: 2.33 min Scan# 360

Delta R.T. 0.01 min

Lab File: VU026615.D

Acq: 07 Sep 2018 11:31

Tot Ion: 43 Resp: 20345

Ion Ratio Lower Upper

43 100

58 33.4 26.0 39.0

Instrument :

MSVOA_U

ClientSampleId :

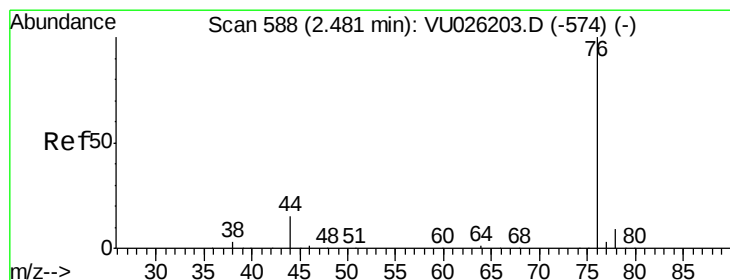
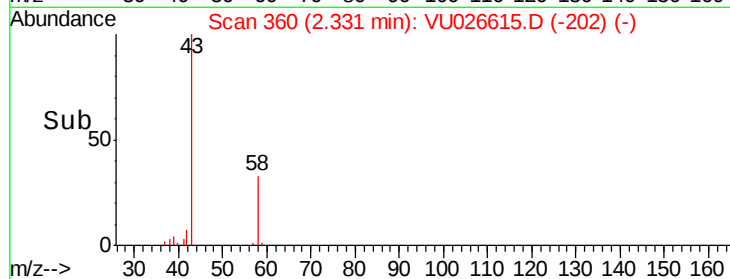
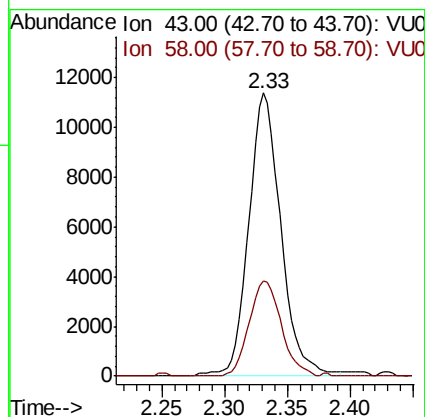
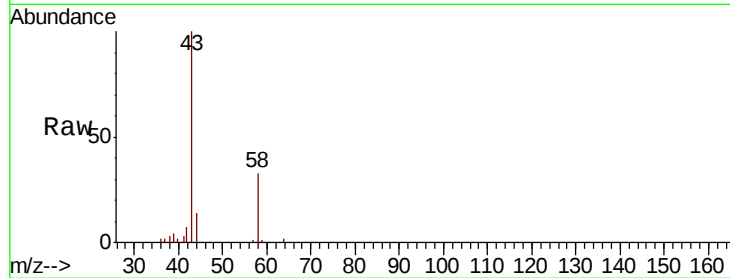
VU0907WBS01

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#14

Carbon Disulfide

Concen: 2.20 ug/l

RT: 2.48 min Scan# 406

Delta R.T. -0.00 min

Lab File: VU026615.D

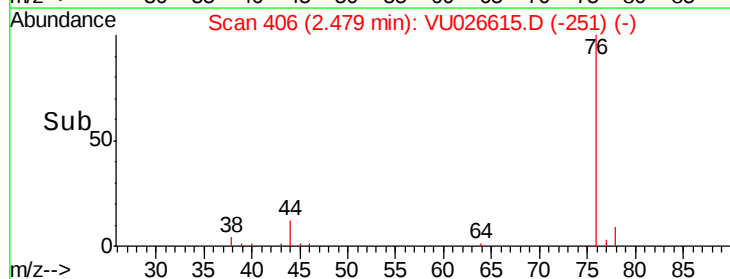
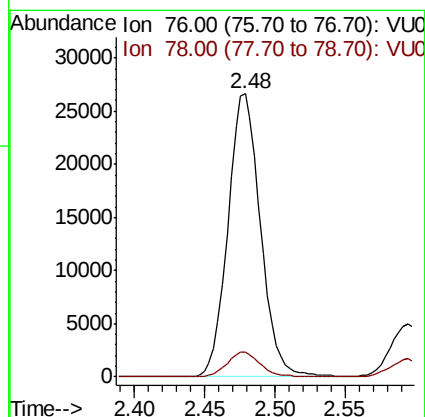
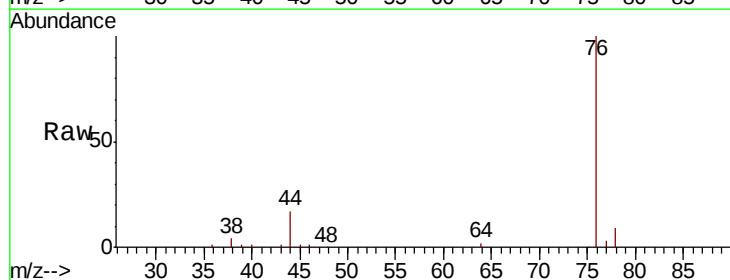
Acq: 07 Sep 2018 11:31

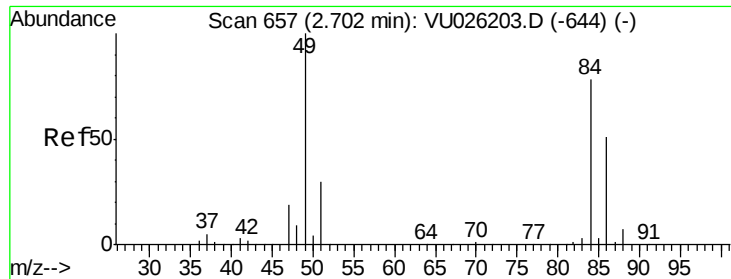
Tgt Ion: 76 Resp: 42878

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9





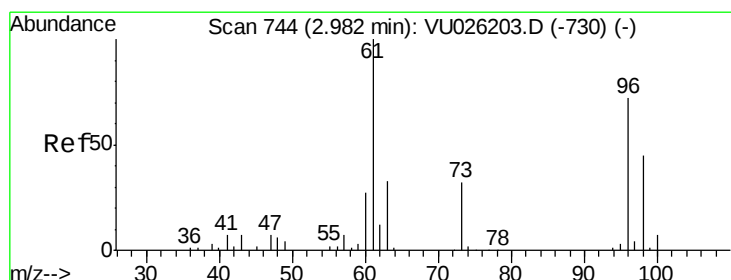
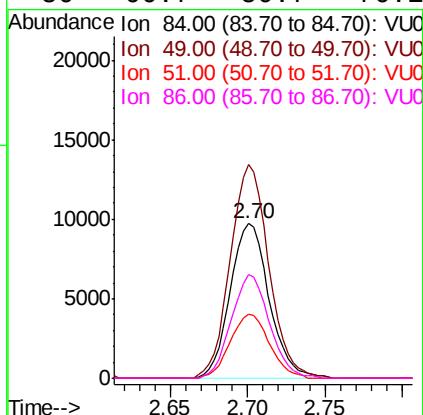
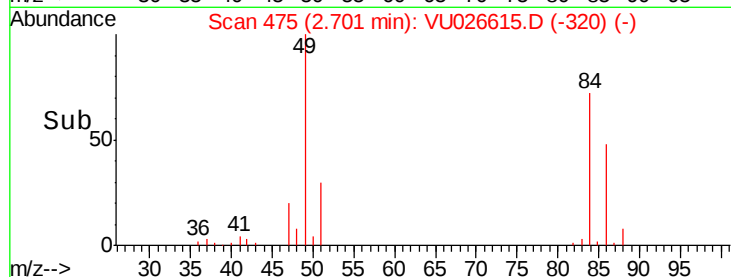
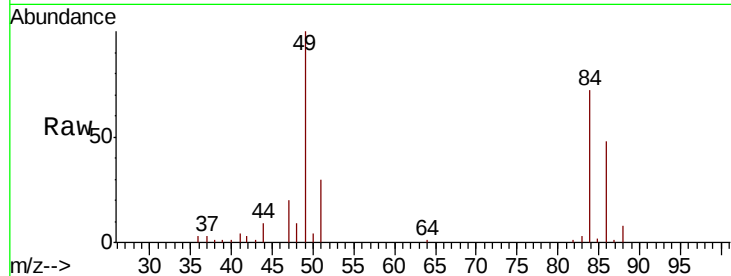
#15
Methylene Chloride
Concen: 2.57 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU026615.D
Acq: 07 Sep 2018 11:31

Instrument :
MSVOA_U
ClientSampleId :
VU0907WBS01

Tot Ion:	84	Resp:	17047
Ion	Ratio	Lower	Upper
84	100		
49	138.1	108.7	163.1
51	41.2	0.0	82.4
86	66.7	50.7	76.1

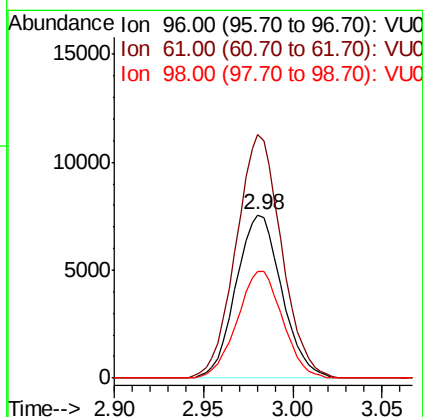
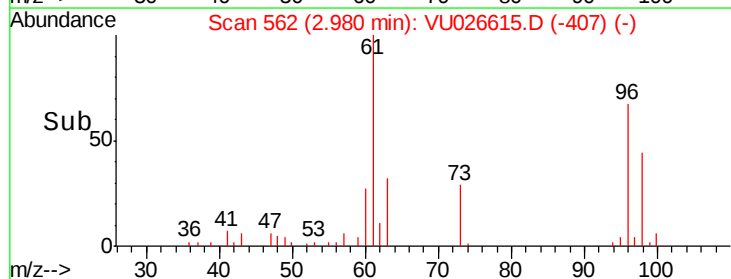
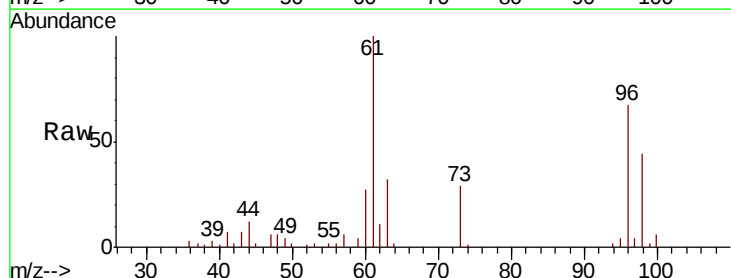
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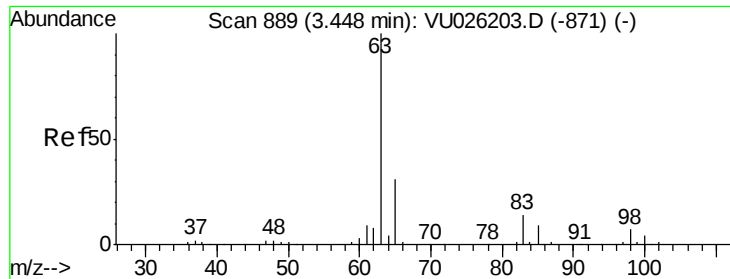
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#16
trans-1,2-Dichloroethene
Concen: 2.08 ug/l
RT: 2.98 min Scan# 562
Delta R.T. -0.00 min
Lab File: VU026615.D
Acq: 07 Sep 2018 11:31

Tgt Ion:	96	Resp:	13556
Ion	Ratio	Lower	Upper
96	100		
61	149.0	123.9	185.9
98	65.6	50.6	76.0





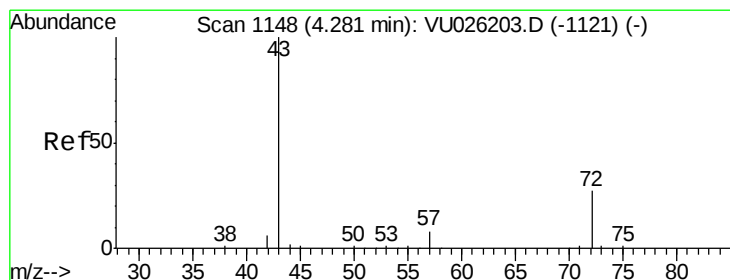
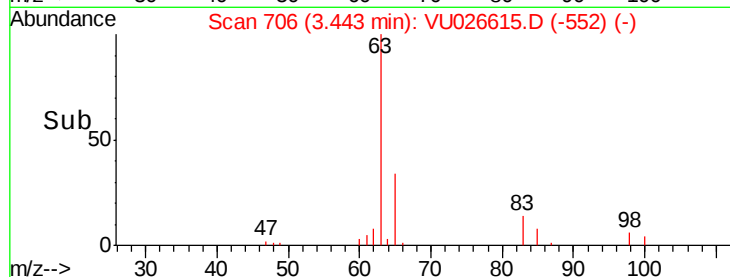
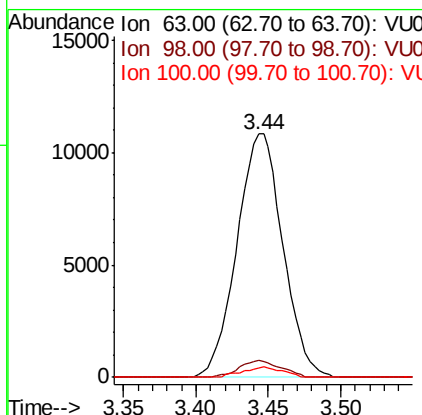
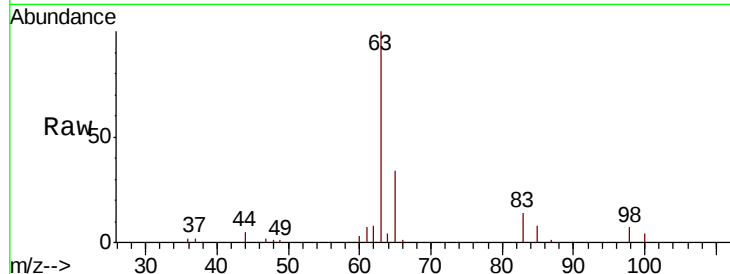
#17
 1,1-Dichloroethane
 Concen: 2.00 ug/l
 RT: 3.44 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: VU026615.D
 Acq: 07 Sep 2018 11:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0907WBS01

Tot Ion:	63	Resp:	23774
Ion	Ratio	Lower	Upper
63	100		
98	6.9	2.9	8.8
100	3.8	2.0	5.8

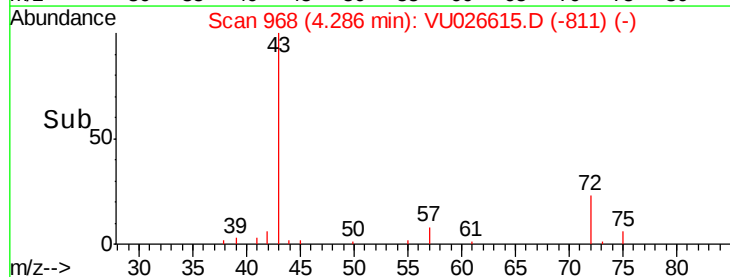
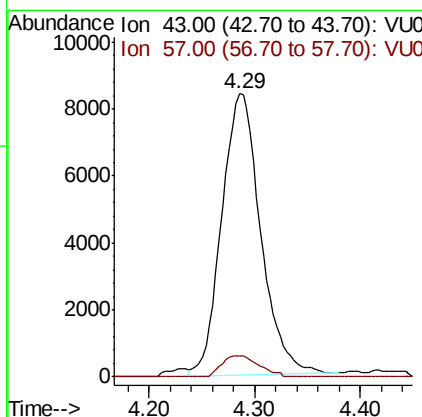
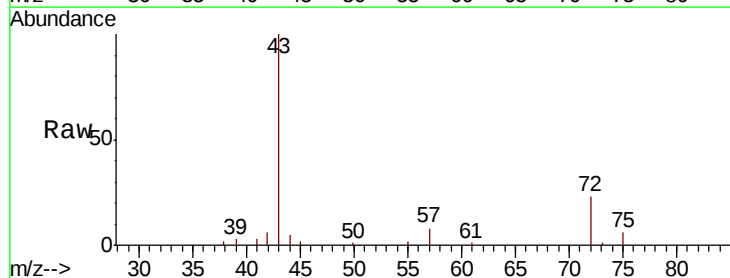
Manual Integrations
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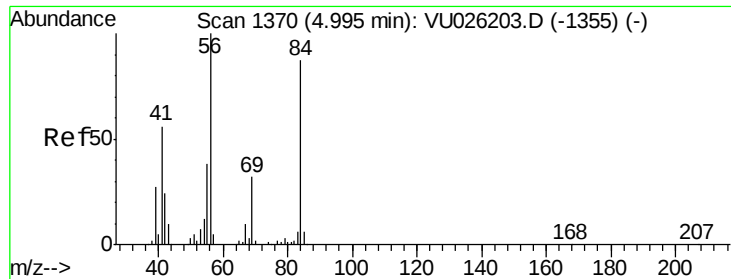
MMDadoda
 9/10/2018 9:52:42 AM



#18
 2-Butanone
 Concen: 11.79 ug/l
 RT: 4.29 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: VU026615.D
 Acq: 07 Sep 2018 11:31

Tgt Ion:	43	Resp:	21524
Ion	Ratio	Lower	Upper
43	100		
57	7.6	0.0	15.8





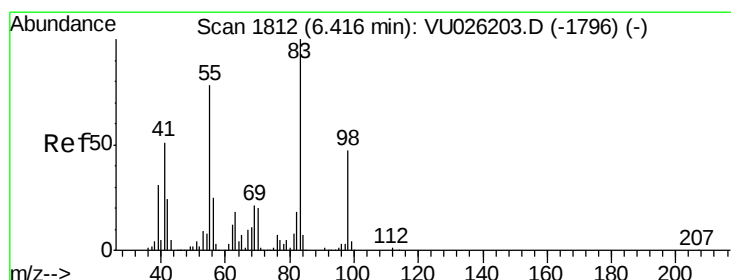
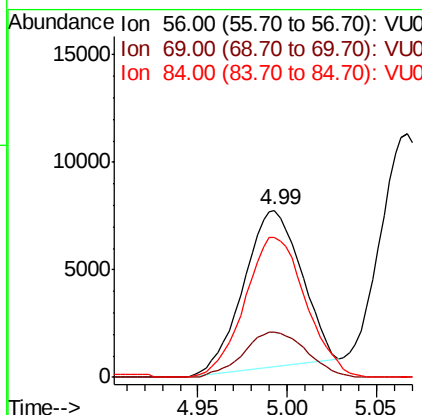
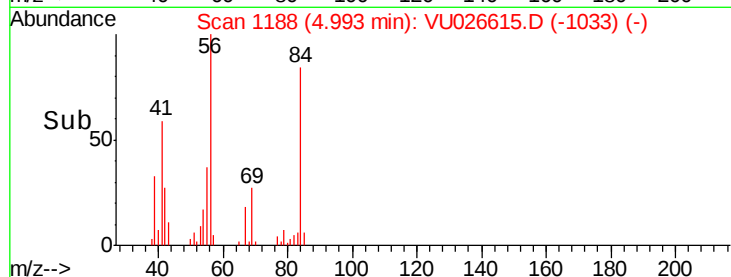
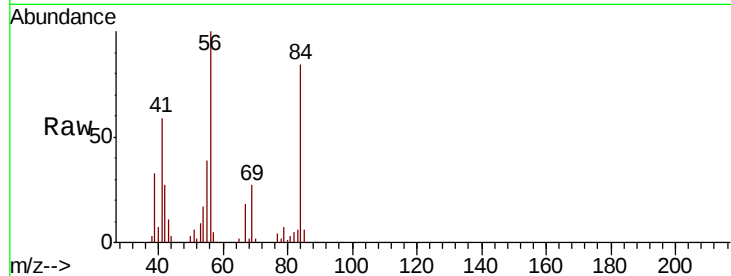
#19
Cyclohexane
Concen: 1.88 ug/l
RT: 4.99 min Scan# 1188
Delta R.T. -0.00 min
Lab File: VU026615.D
Acq: 07 Sep 2018 11:31

Instrument :
MSVOA_U
ClientSampleId :
VU0907WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.5	26.0	39.0
84	94.1	68.3	102.5

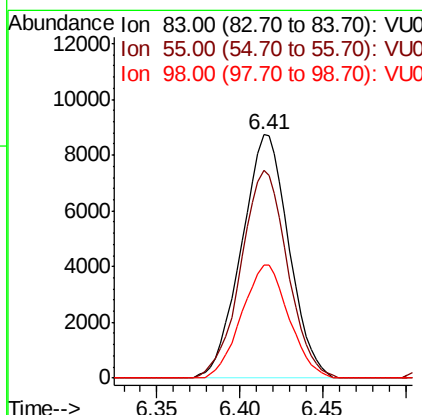
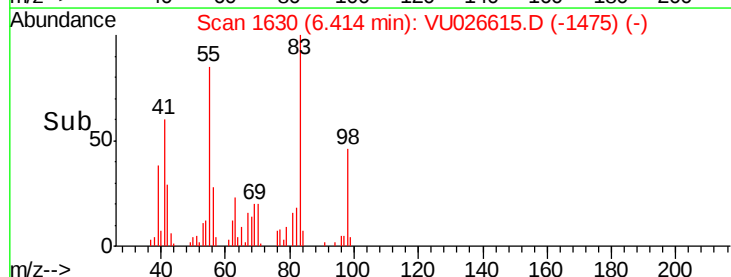
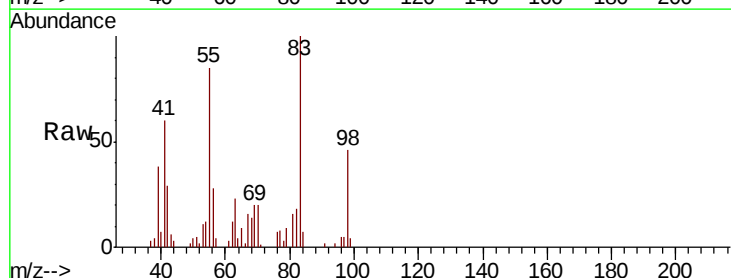
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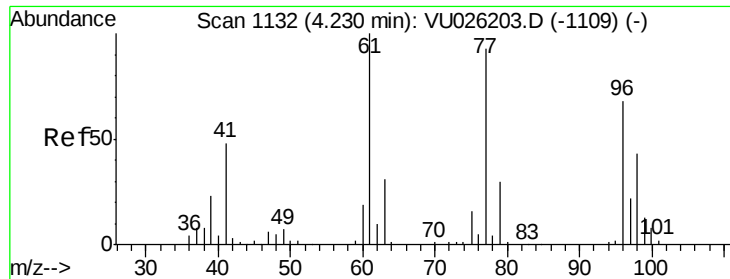
MMDadoda
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#20
Methylcyclohexane
Concen: 1.69 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU026615.D
Acq: 07 Sep 2018 11:31

Tgt Ion	Ratio	Lower	Upper
83	100		
55	84.1	66.4	99.6
98	46.2	35.4	53.2





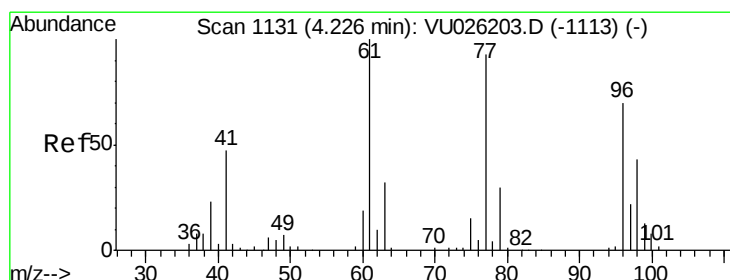
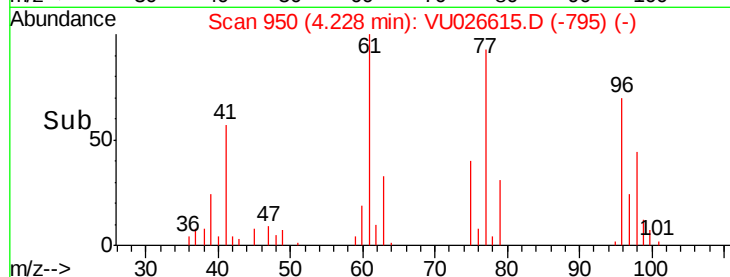
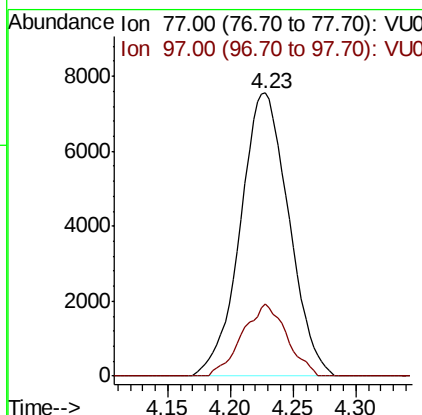
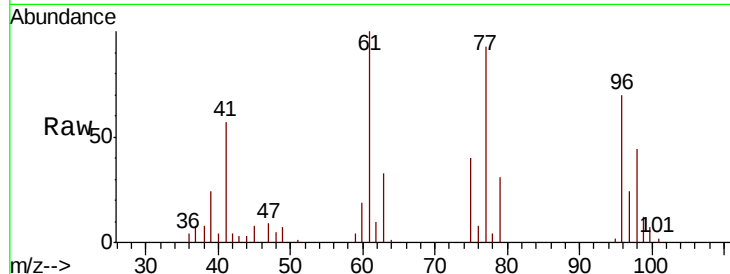
#21
 2,2-Dichloropropane
 Concen: 1.66 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: VU026615.D
 Acq: 07 Sep 2018 11:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0907WBS01

Tot Ion: 77 Resp: 20336
 Ion Ratio Lower Upper
 77 100
 97 23.3 17.9 26.9

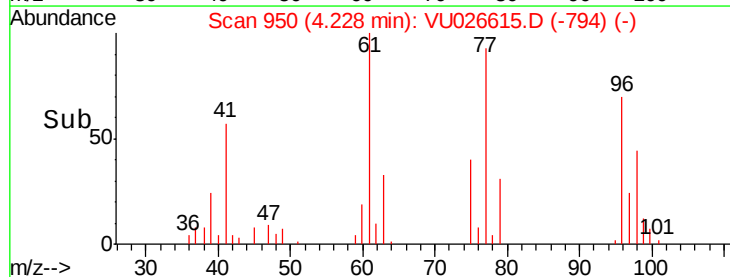
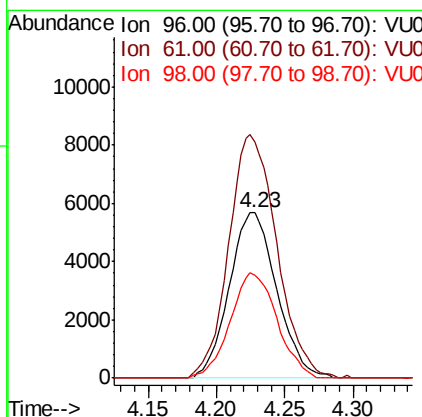
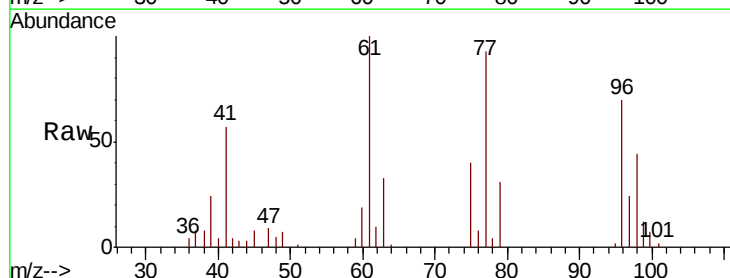
Manual Integrations
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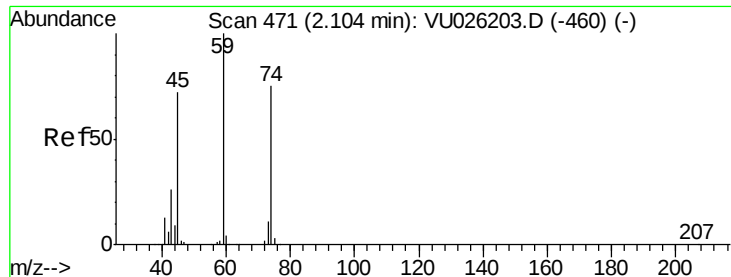
MMDadoda
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#22
 cis-1,2-Dichloroethene
 Concen: 1.73 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: VU026615.D
 Acq: 07 Sep 2018 11:31

Tgt Ion: 96 Resp: 13702
 Ion Ratio Lower Upper
 96 100
 61 148.9 0.0 400.5
 98 62.7 32.2 96.6





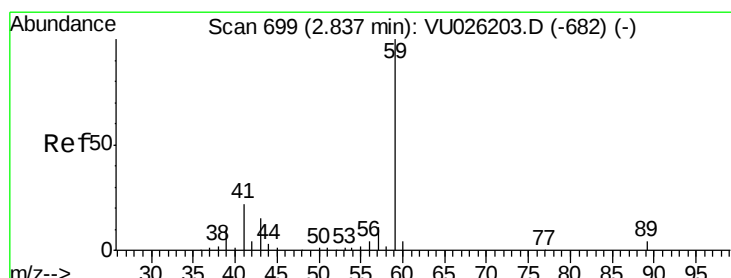
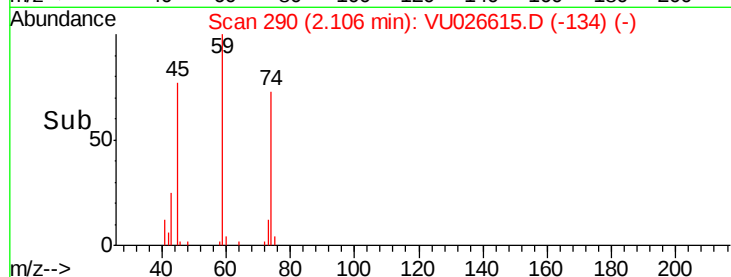
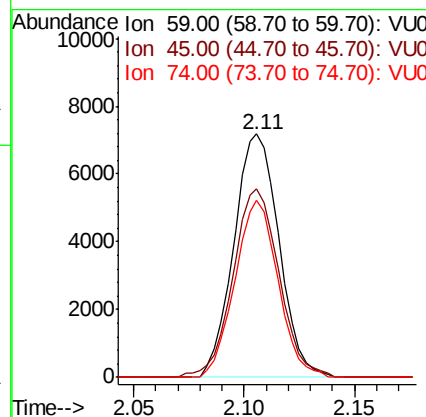
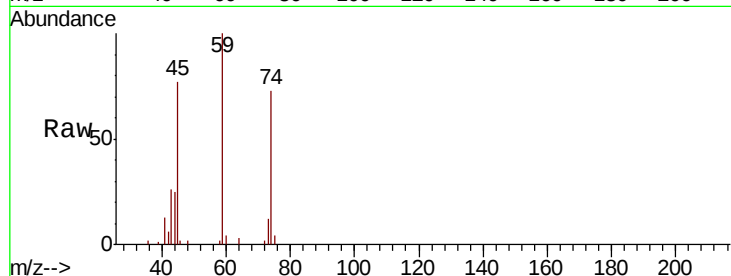
#23
Diethyl Ether
Concen: 2.37 ug/l
RT: 2.11 min Scan# 290
Delta R.T. 0.00 min
Lab File: VU026615.D
Acq: 07 Sep 2018 11:31

Instrument :
MSVOA_U
ClientSampleId :
VU0907WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
45	78.8	60.0	90.0
74	69.4	56.5	84.7

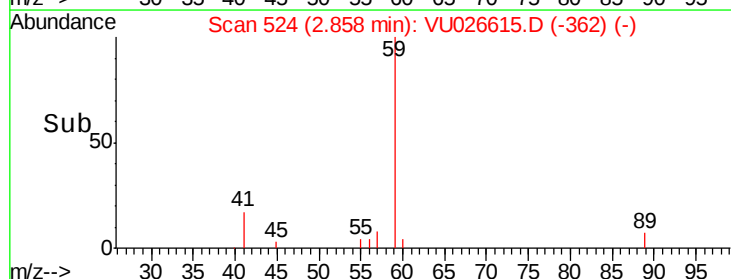
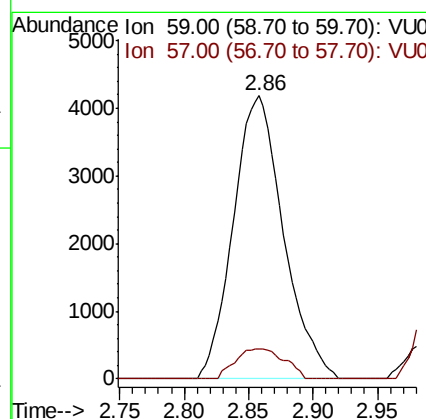
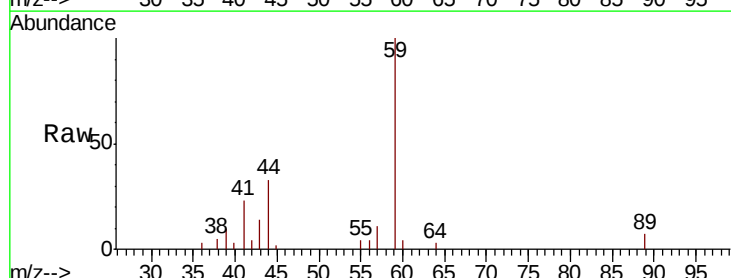
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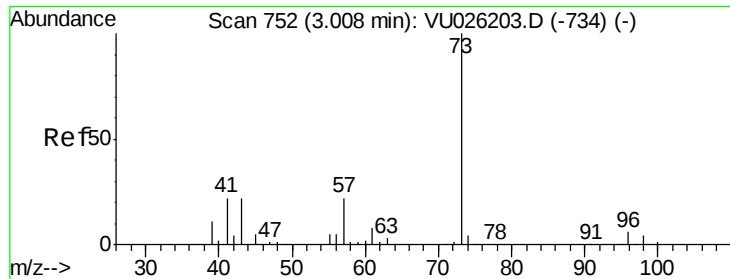
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#24
tert-Butyl Alcohol
Concen: 25.67 ug/l
RT: 2.86 min Scan# 524
Delta R.T. 0.02 min
Lab File: VU026615.D
Acq: 07 Sep 2018 11:31

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.3	3.4	5.2#





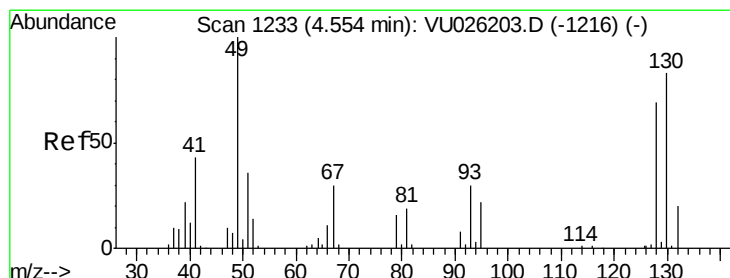
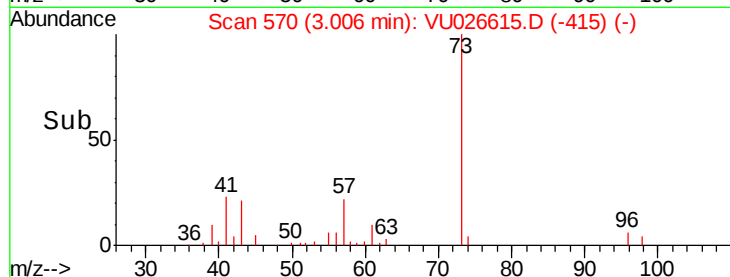
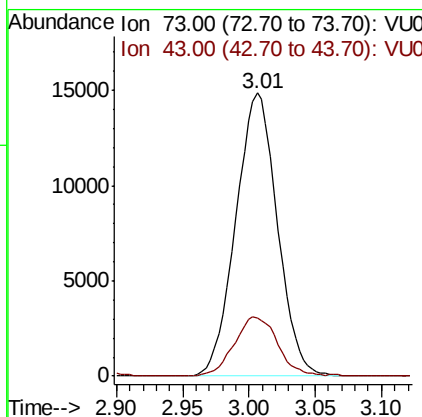
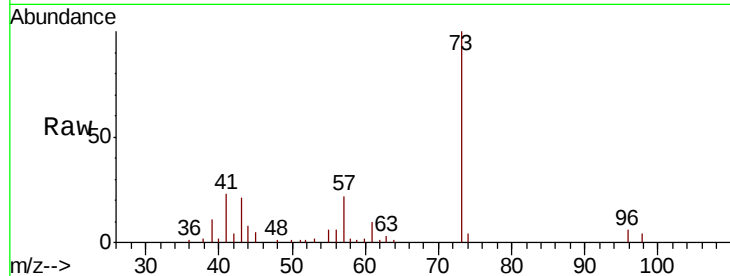
#25
Methyl tert-Butyl Ether
Concen: 2.21 ug/l
RT: 3.01 min Scan# 570
Delta R.T. -0.00 min
Lab File: VU026615.D
Acq: 07 Sep 2018 11:31

Instrument :
MSVOA_U
ClientSampleId :
VU0907WBS01

Tot Ion: 73 Resp: 32371
Ion Ratio Lower Upper
73 100
43 21.8 16.2 24.2

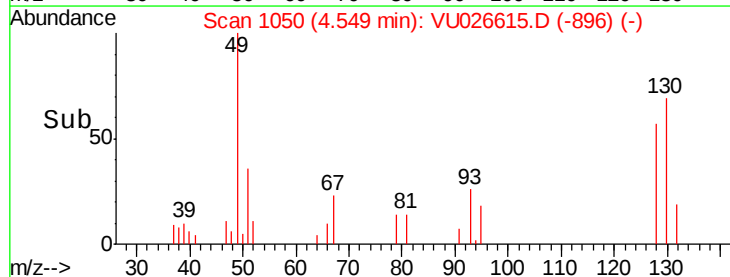
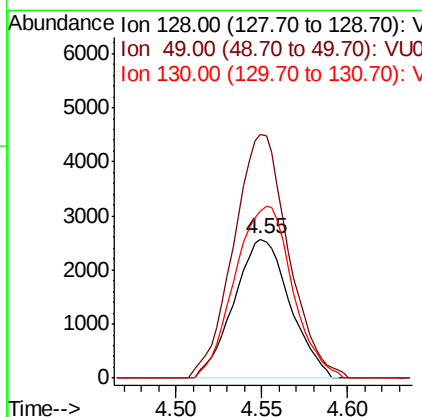
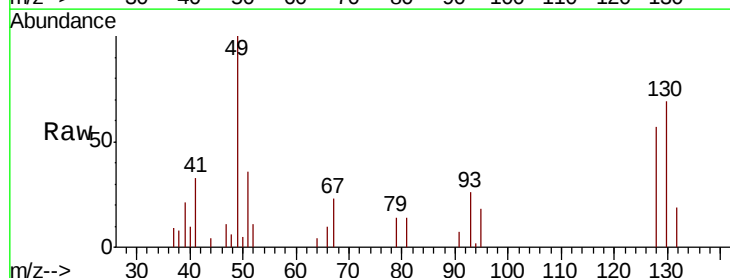
Manual Integrations
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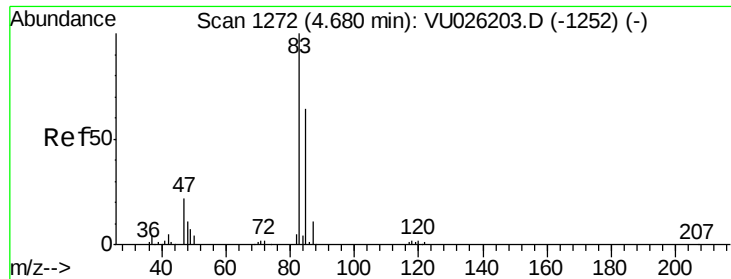
MMDadoda
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#26
Bromochloromethane
Concen: 1.64 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VU026615.D
Acq: 07 Sep 2018 11:31

Tgt Ion: 128 Resp: 5795
Ion Ratio Lower Upper
128 100
49 172.7 0.0 375.2
130 127.5 105.8 158.6





#27

Chloroform

Concen: 1.86 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VU026615.D

Acq: 07 Sep 2018 11:31

Instrument :

MSVOA_U

ClientSampleId :

VU0907WBS01

Tot Ion: 83 Resp: 25601

Ion Ratio Lower Upper

83 100

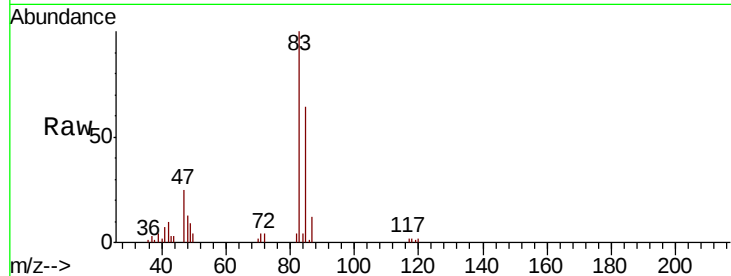
85 64.3 0.0 128.4

Manual Integrations

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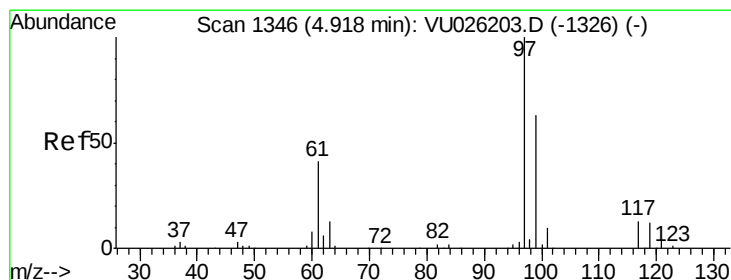
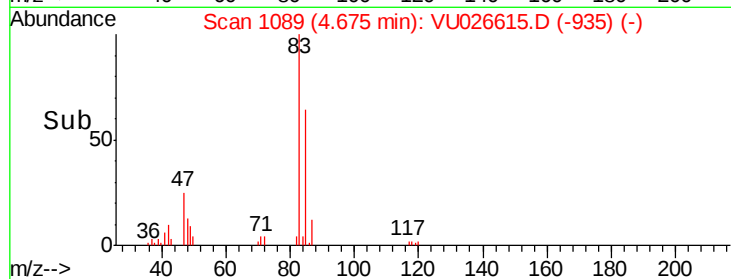
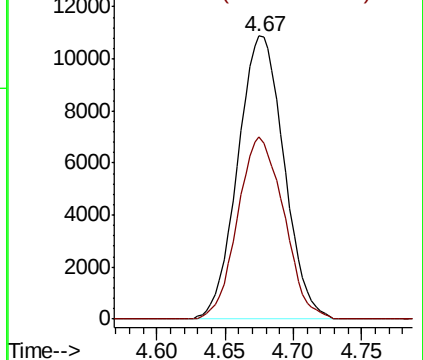
MMDadoda

9/10/2018 9:52:42 AM



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#28

1,1,1-Trichloroethane

Concen: 1.64 ug/l

RT: 4.92 min Scan# 1164

Delta R.T. -0.00 min

Lab File: VU026615.D

Acq: 07 Sep 2018 11:31

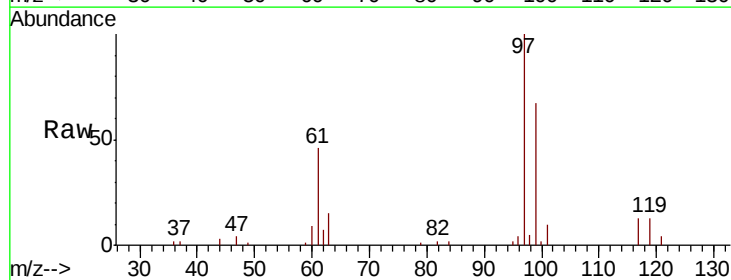
Tgt Ion: 97 Resp: 20096

Ion Ratio Lower Upper

97 100

99 64.5 32.3 96.9

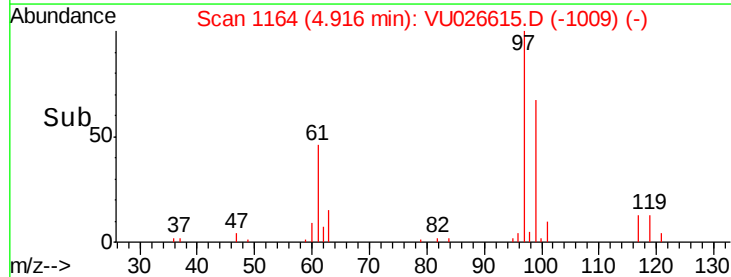
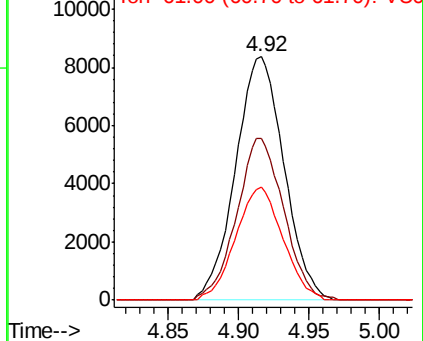
61 45.1 23.2 69.5

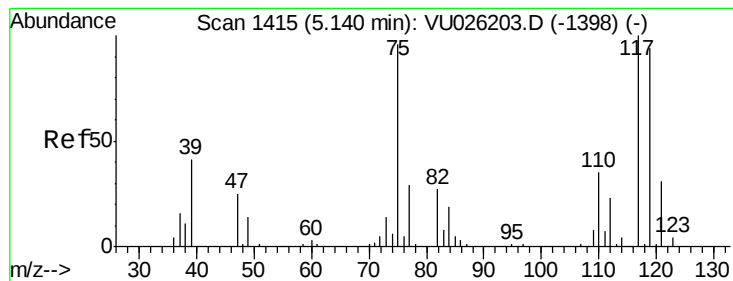


Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#29

1,1-Dichloropropene

Concen: 1.71 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. -0.00 min

Lab File: VU026615.D

Acq: 07 Sep 2018 11:31

Instrument :

MSVOA_U

ClientSampleId :

VU0907WBS01

Tot Ion: 75 Resp: 16481

Ion Ratio Lower Upper

75 100

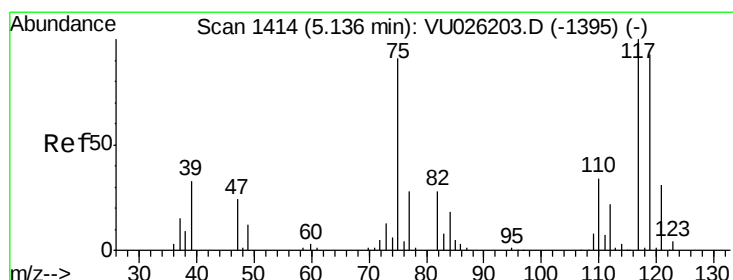
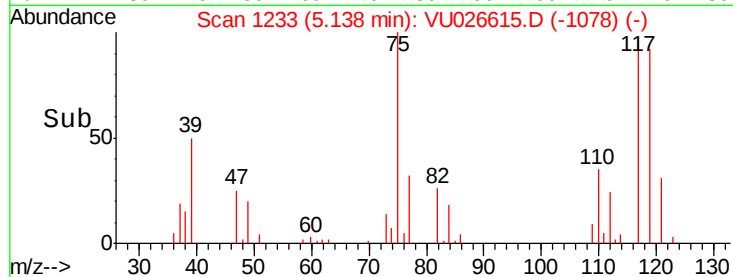
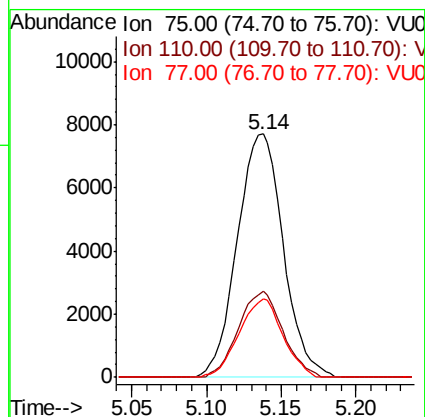
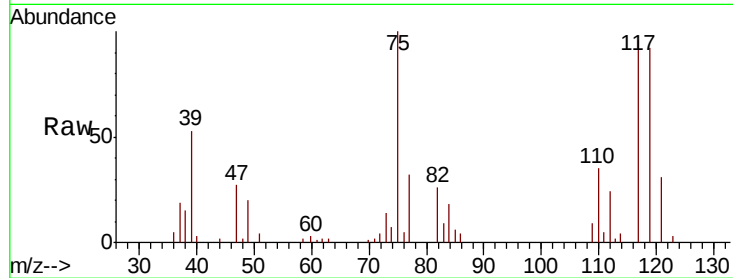
110 34.1 16.9 50.7

77 30.7 24.8 37.2

Manual Integrations
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#30

Carbon Tetrachloride

Concen: 1.53 ug/l

RT: 5.13 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU026615.D

Acq: 07 Sep 2018 11:31

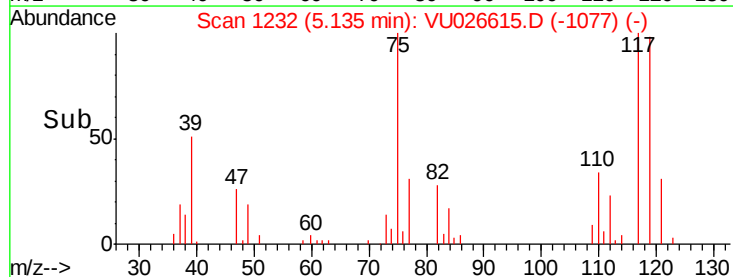
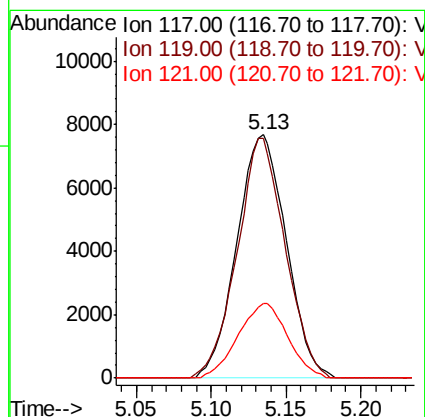
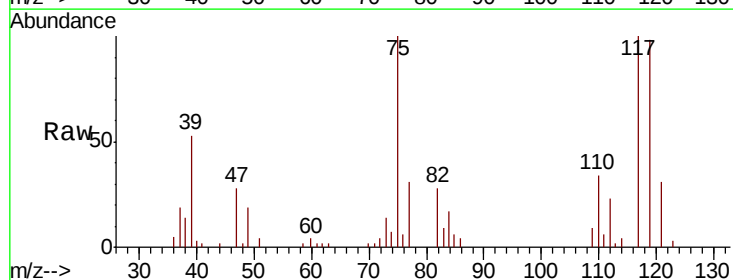
Tgt Ion: 117 Resp: 17623

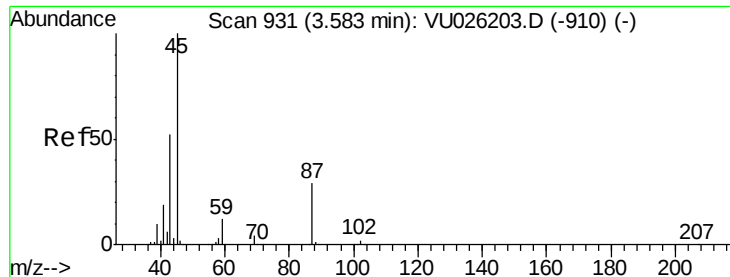
Ion Ratio Lower Upper

117 100

119 98.3 77.3 115.9

121 30.9 24.5 36.7





#31

Isopropyl Ether

Concen: 1.90 ug/l

RT: 3.58 min Scan# 748

Delta R.T. -0.01 min

Lab File: VU026615.D

Acq: 07 Sep 2018 11:31

Instrument :

MSVOA_U

ClientSampleId :

VU0907WBS01

Tot Ion: 45 Resp: 37275

Ion Ratio Lower Upper

45 100

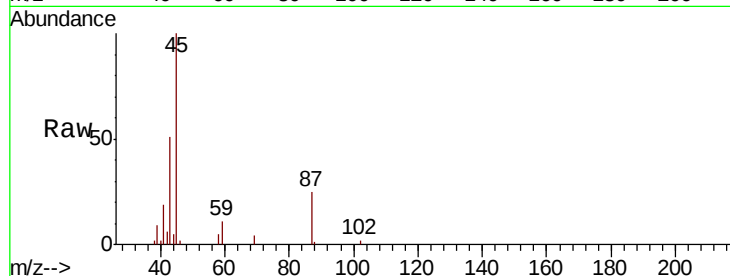
43 50.9 24.0 72.0

Manual Integrations

APPROVED

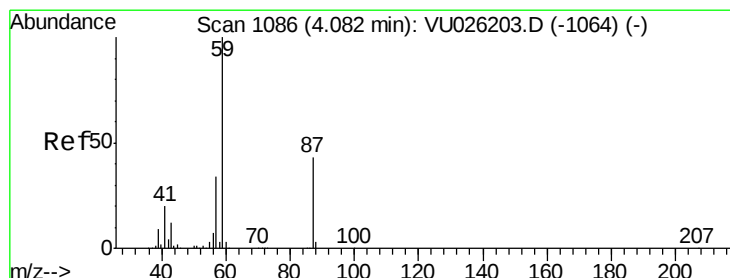
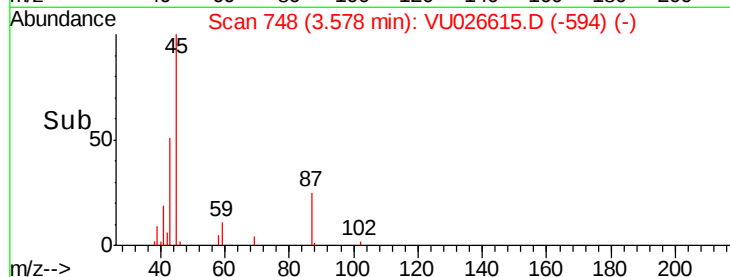
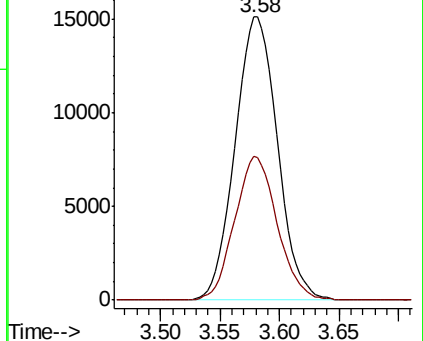
MMDadoda

9/10/2018 9:52:42 AM



Abundance Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0



#32

Ethyl-t-butyl ether

Concen: 1.76 ug/l

RT: 4.08 min Scan# 904

Delta R.T. -0.00 min

Lab File: VU026615.D

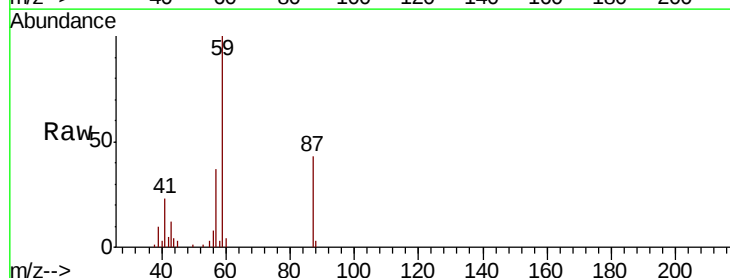
Acq: 07 Sep 2018 11:31

Tgt Ion: 59 Resp: 30190

Ion Ratio Lower Upper

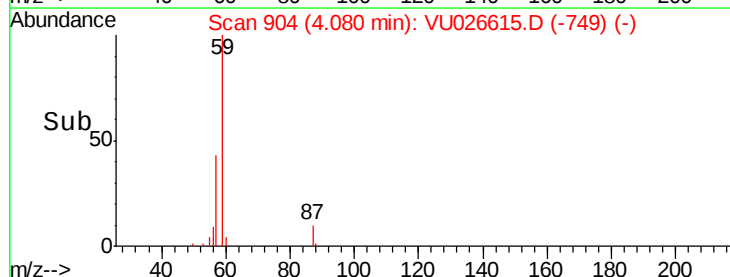
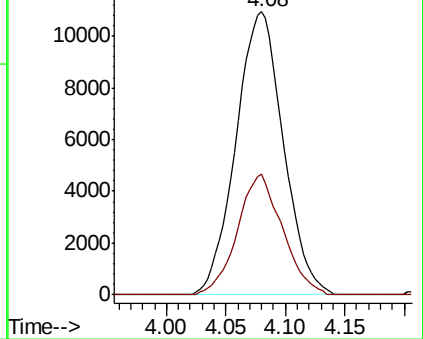
59 100

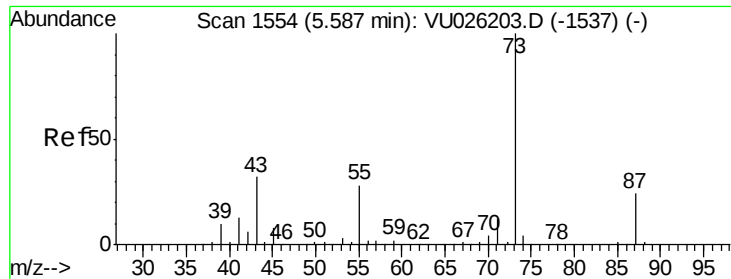
87 40.4 31.0 46.6



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





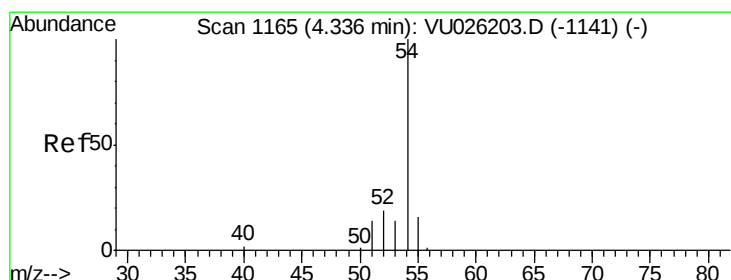
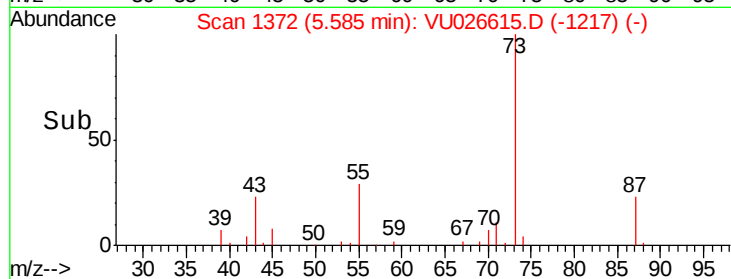
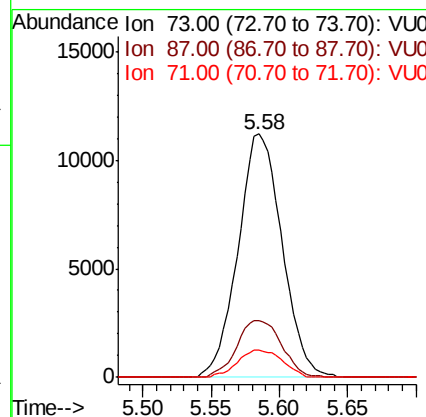
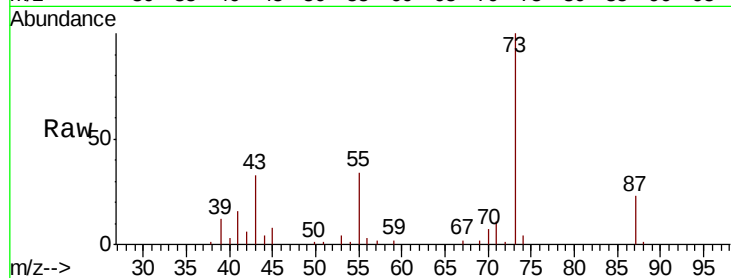
#33
Tert-Butyl methyl ether
Concen: 1.71 ug/l
RT: 5.58 min Scan# 1372
Delta R.T. -0.00 min
Lab File: VU026615.D
Acq: 07 Sep 2018 11:31

Instrument :
MSVOA_U
ClientSampleId :
VU0907WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
87	24.0	18.6	28.0
71	11.3	9.3	13.9

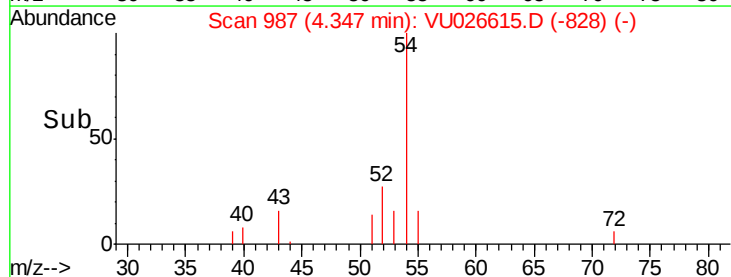
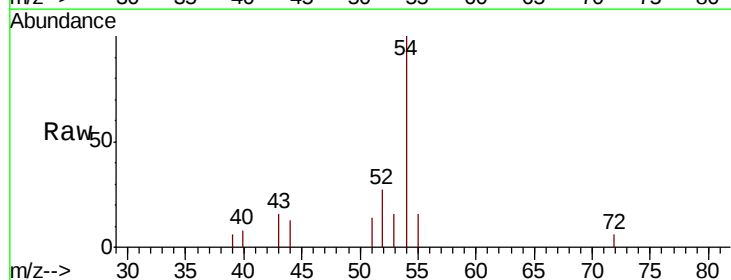
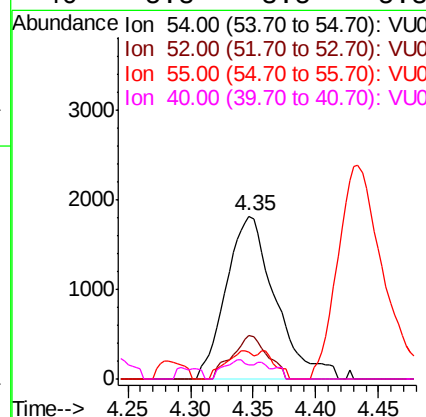
Manual Integrations
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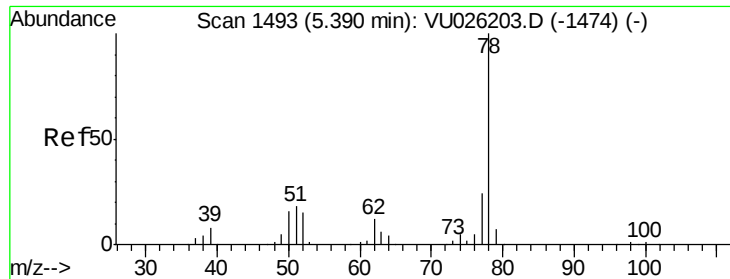
MMDadoda
9/10/2018 9:52:42 AM



#34
Propionitrile
Concen: 9.50 ug/l
RT: 4.35 min Scan# 987
Delta R.T. 0.01 min
Lab File: VU026615.D
Acq: 07 Sep 2018 11:31

Tgt Ion	Ratio	Lower	Upper
54	100		
52	19.1	13.7	20.5
55	9.6	10.2	15.2#
40	5.8	3.5	5.3#





#35

Benzene

Concen: 1.79 ug/l

RT: 5.39 min Scan# 1311

Delta R.T. -0.00 min

Lab File: VU026615.D

Acq: 07 Sep 2018 11:31

Instrument :

MSVOA_U

ClientSampleId :

VU0907WBS01

Tot Ion: 78 Resp: 49899

Ion Ratio Lower Upper

78 100

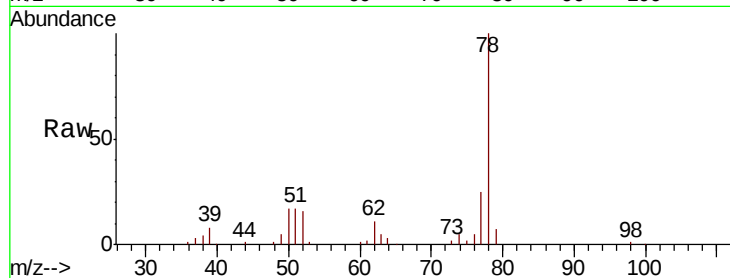
77 25.1 19.1 28.7

Manual Integrations

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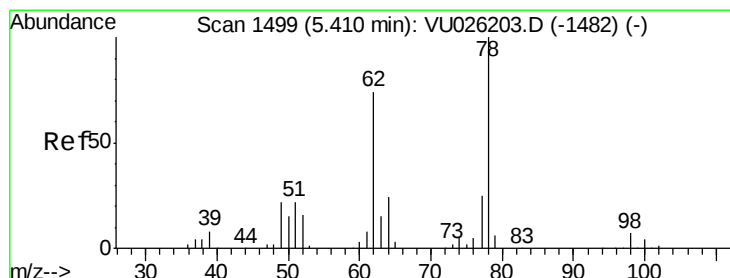
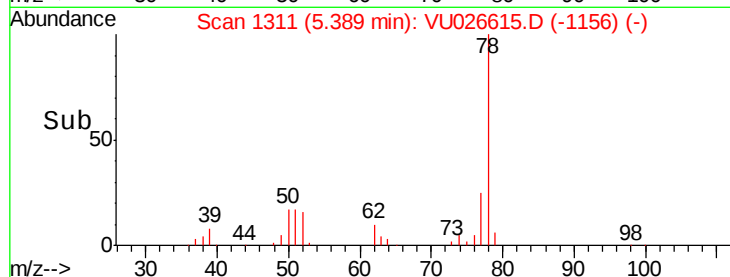
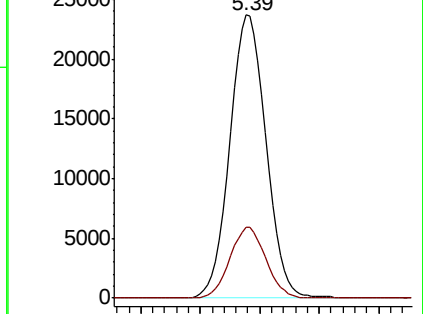
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Abundance Ion 78.10 (77.80 to 78.80): VU026203.D (-1474) (-)

Ion 77.00 (76.70 to 77.70): VU026203.D (-1474) (-)



#36

1,2-Dichloroethane

Concen: 1.72 ug/l

RT: 5.41 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VU026615.D

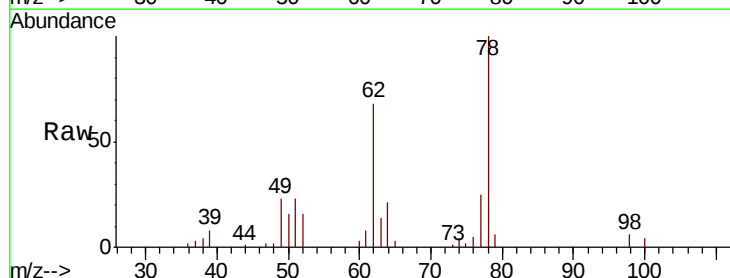
Acq: 07 Sep 2018 11:31

Tgt Ion: 62 Resp: 14926

Ion Ratio Lower Upper

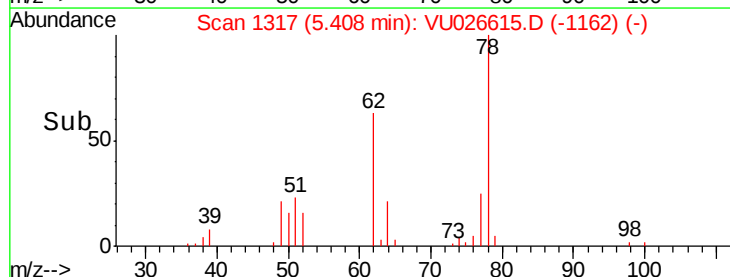
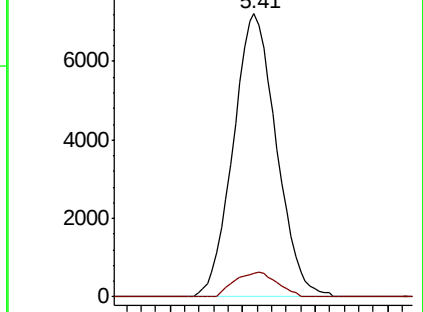
62 100

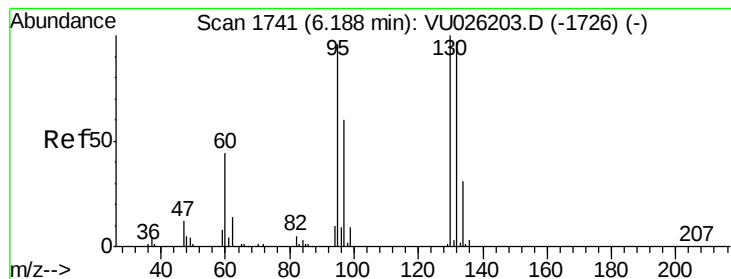
98 8.6 7.2 10.8



Abundance Ion 62.00 (61.70 to 62.70): VU026203.D (-1482) (-)

Ion 98.00 (97.70 to 98.70): VU026203.D (-1482) (-)





#37

Trichloroethene

Concen: 1.66 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU026615.D

Acq: 07 Sep 2018 11:31

Instrument :

MSVOA_U

ClientSampleId :

VU0907WBS01

Tot Ion:130 Resp: 13022

Ion Ratio Lower Upper

130 100

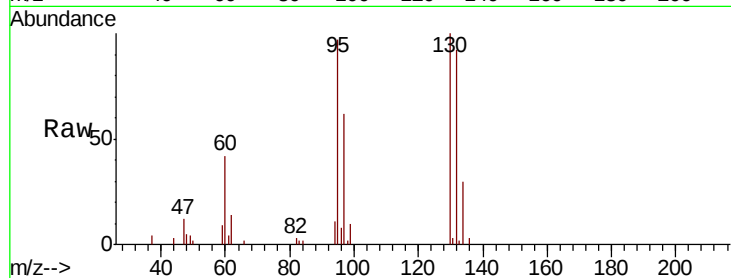
95 96.9 77.9 116.9

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Abundance Ion 129.90 (129.60 to 130.60): VU026203.D (-1726) (-)

Ion 94.90 (94.60 to 95.60): VU026203.D (-1726) (-)

6.19

8000

6000

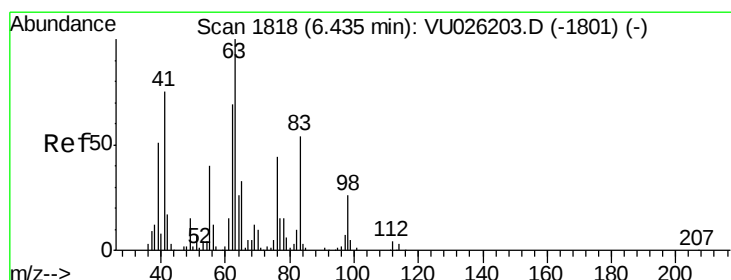
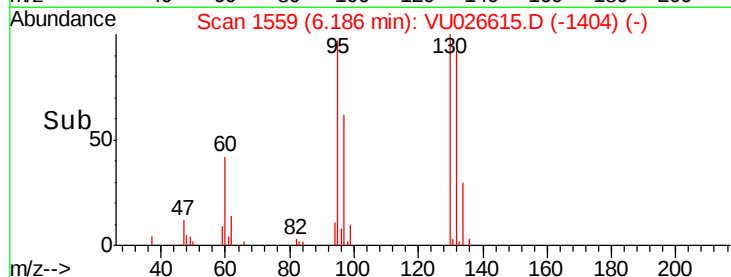
4000

2000

0

6.15 6.20 6.25

Time-->



#38

1,2-Dichloropropane

Concen: 1.82 ug/l

RT: 6.44 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VU026615.D

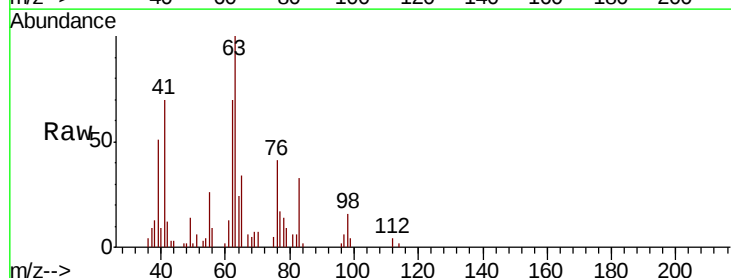
Acq: 07 Sep 2018 11:31

Tgt Ion: 63 Resp: 13185

Ion Ratio Lower Upper

63 100

65 34.3 25.8 38.8



Abundance Ion 63.00 (62.70 to 63.70): VU026203.D (-1801) (-)

Ion 65.00 (64.70 to 65.70): VU026203.D (-1801) (-)

6.44

8000

6000

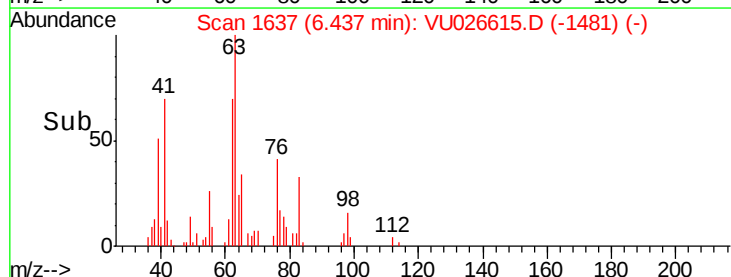
4000

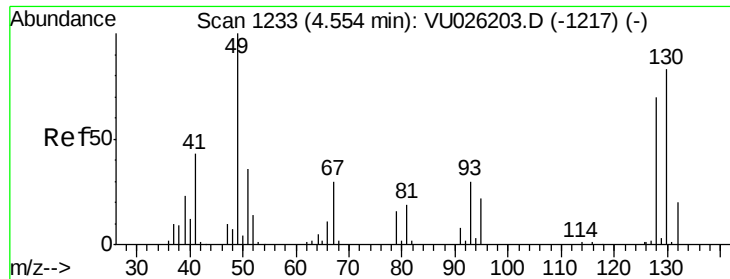
2000

0

6.35 6.40 6.45 6.50

Time-->





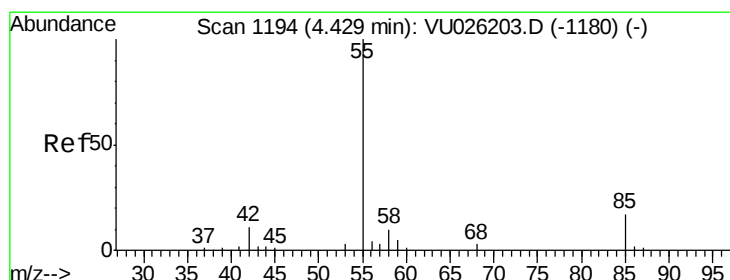
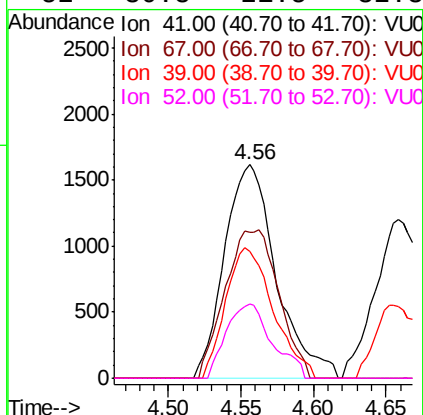
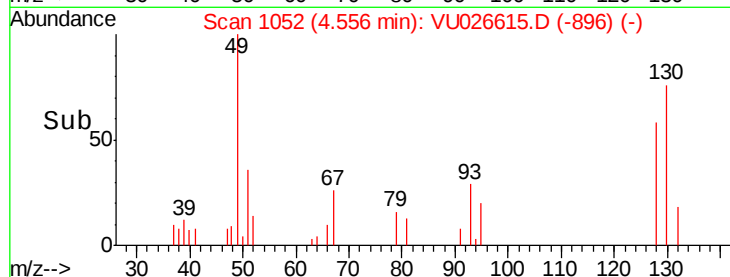
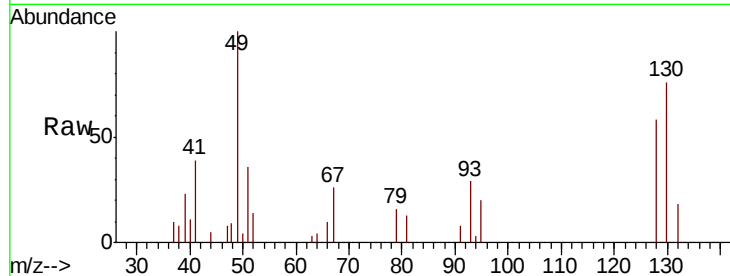
#39
Methacrylonitrile
Concen: 1.83 ug/l
RT: 4.56 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VU026615.D
Acq: 07 Sep 2018 11:31

Instrument :
MSVOA_U
ClientSampleId :
VU0907WBS01

Tot Ion:	41	Resp:	4022
Ion	Ratio	Lower	Upper
41	100		
67	71.6	51.3	76.9
39	56.0	40.6	60.8
52	30.8	21.5	32.3

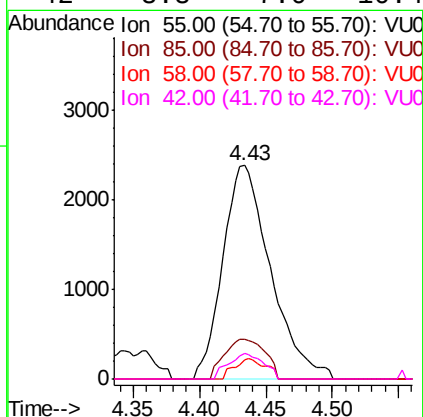
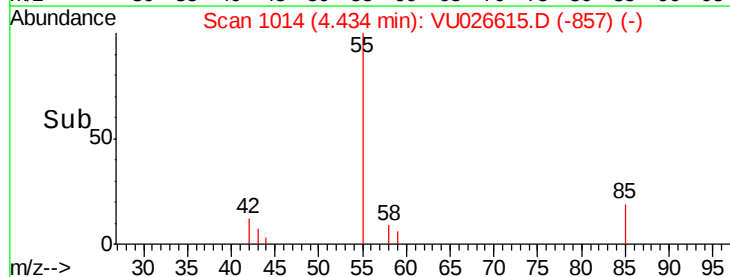
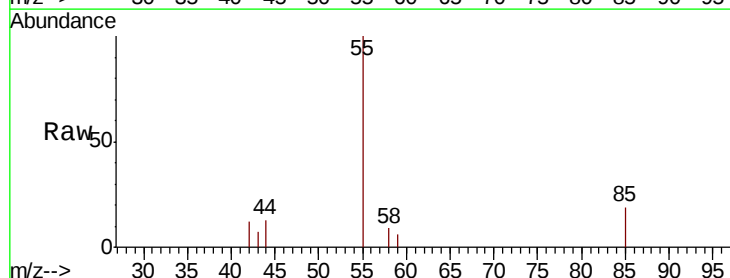
Manual Integrations
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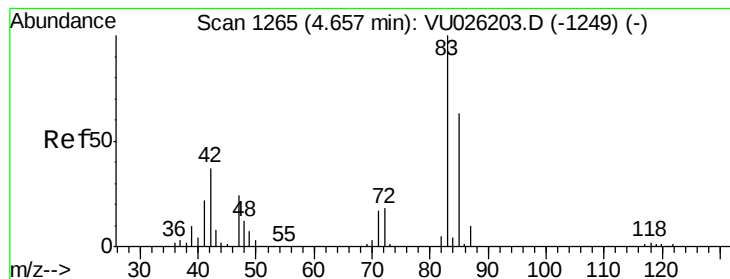
MMDadoda
9/10/2018 9:52:42 AM



#40
Methyl acrylate
Concen: 1.79 ug/l
RT: 4.43 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VU026615.D
Acq: 07 Sep 2018 11:31

Tgt Ion:	55	Resp:	5970
Ion	Ratio	Lower	Upper
55	100		
85	15.8	12.3	18.5
58	6.1	7.0	10.6#
42	8.8	7.0	10.4





#41

Tetrahydrofuran

Concen: 3.71 ug/l

RT: 4.66 min Scan# 1083

Delta R.T. -0.00 min

Lab File: VU026615.D

Acq: 07 Sep 2018 11:31

Instrument :

MSVOA_U

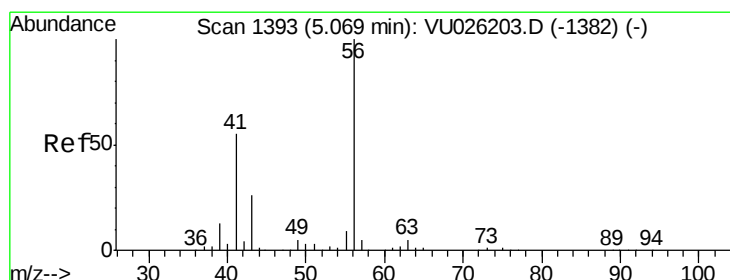
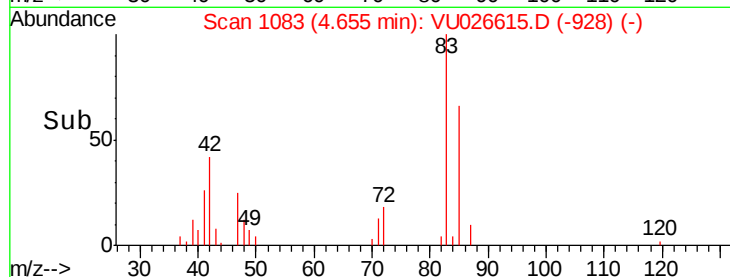
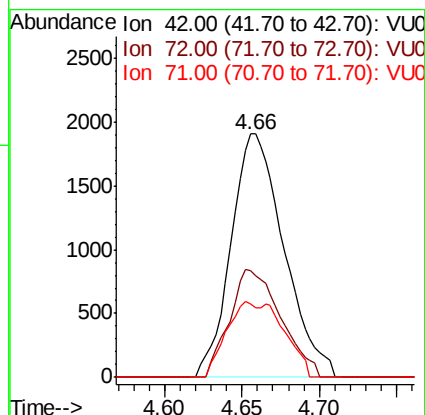
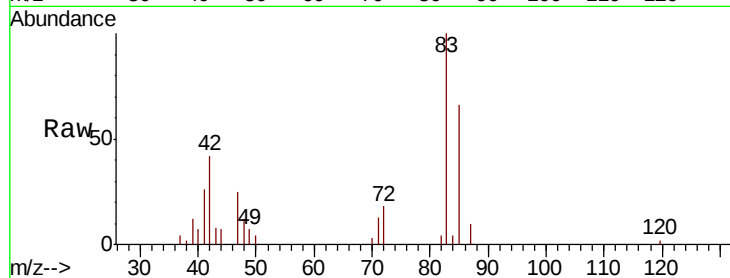
ClientSampleId :

VU0907WBS01

Tot Ion:	42	Resp:	4527
Ion	Ratio	Lower	Upper
42	100		
72	42.9	33.2	49.8
71	17.3	29.8	44.8#

Manual Integrations
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#42

1-Chlorobutane

Concen: 1.83 ug/l

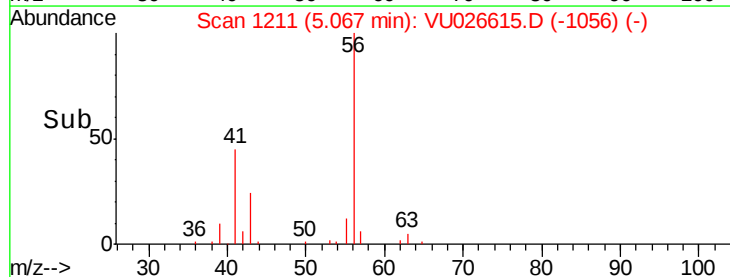
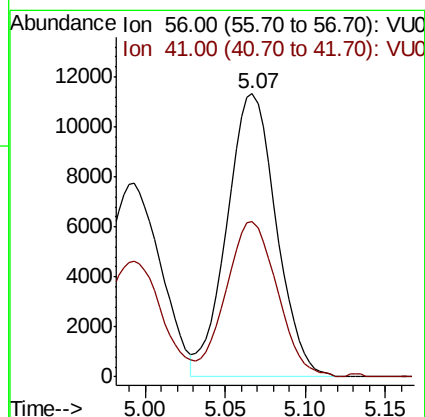
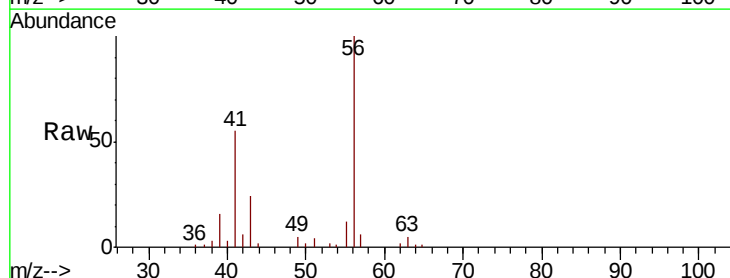
RT: 5.07 min Scan# 1211

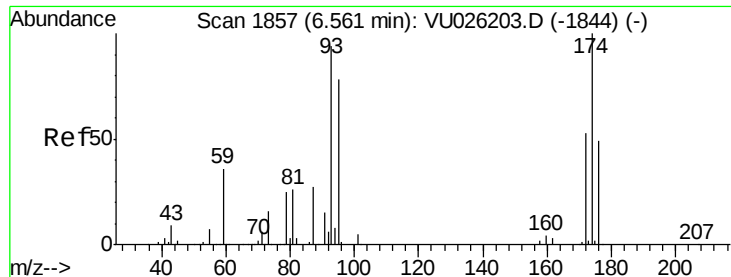
Delta R.T. -0.00 min

Lab File: VU026615.D

Acq: 07 Sep 2018 11:31

Tgt Ion:	56	Resp:	23941
Ion	Ratio	Lower	Upper
56	100		
41	56.9	27.5	82.5





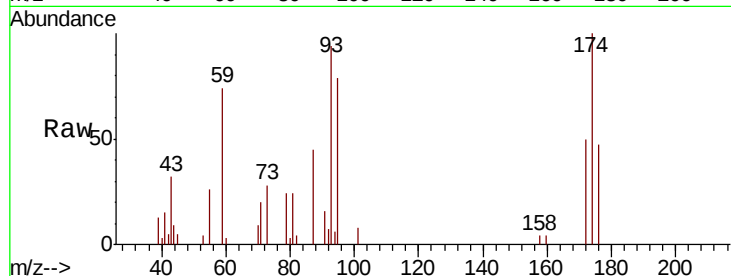
#43
Dibromomethane
Concen: 1.71 ug/l
RT: 6.56 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VU026615.D
Acq: 07 Sep 2018 11:31

Instrument :
MSVOA_U
ClientSampleId :
VU0907WBS01

Tot Ion	Ratio	Lower	Upper
93	100		
95	81.5	67.2	100.8
174	104.4	82.8	124.2

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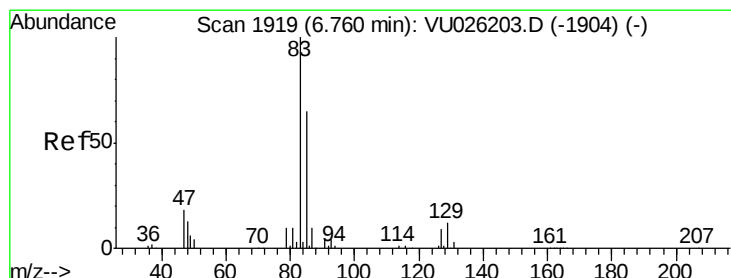
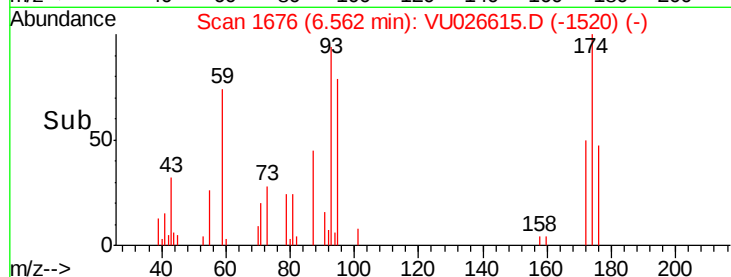
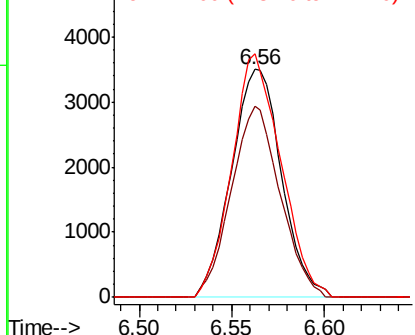


Abundance

Ion 93.00 (92.70 to 93.70): VU026615.D (-1520) (-)

Ion 95.00 (94.70 to 95.70): VU026615.D (-1520) (-)

Ion 174.00 (173.70 to 174.70): VU026615.D (-1520) (-)



#44
Bromodichloromethane
Concen: 1.73 ug/l
RT: 6.76 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VU026615.D
Acq: 07 Sep 2018 11:31

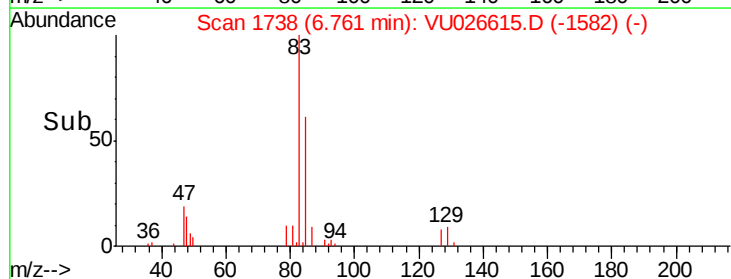
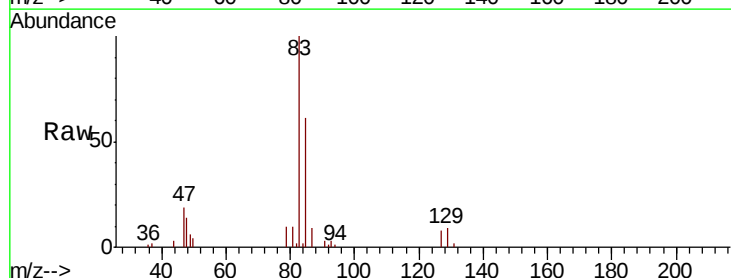
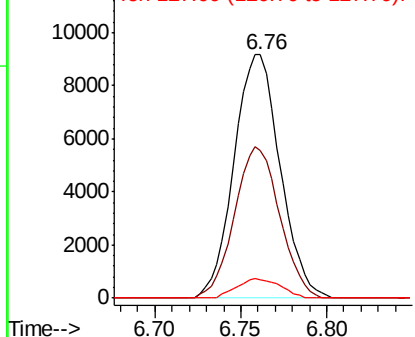
Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.8	52.2	78.4
127	7.6	7.0	10.4

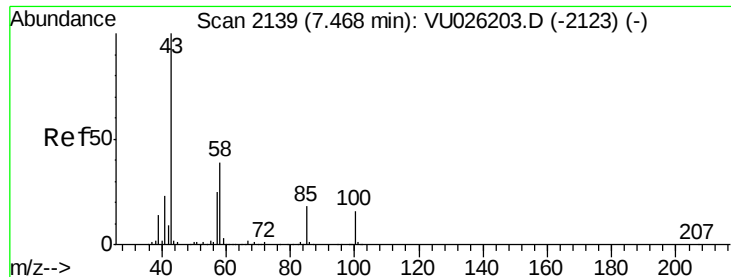
Abundance

Ion 83.00 (82.70 to 83.70): VU026615.D (-1582) (-)

Ion 85.00 (84.70 to 85.70): VU026615.D (-1582) (-)

Ion 127.00 (126.70 to 127.70): VU026615.D (-1582) (-)





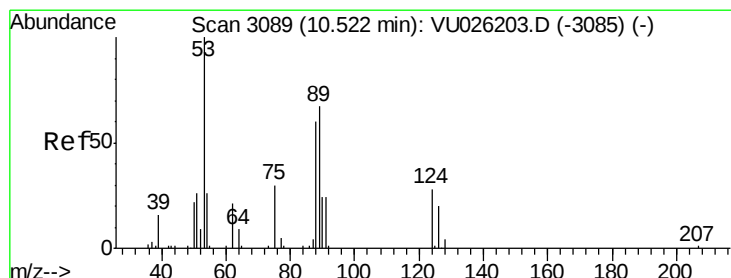
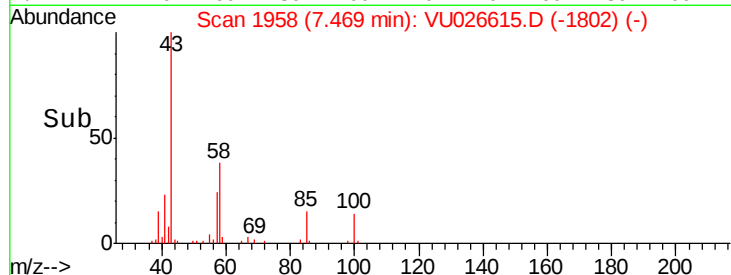
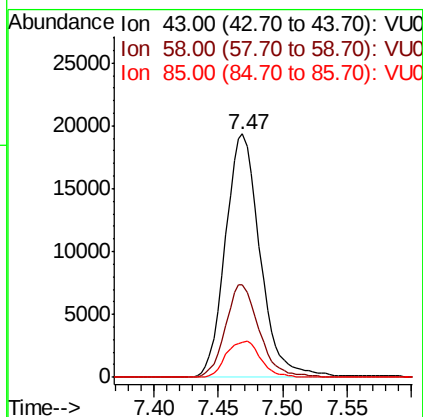
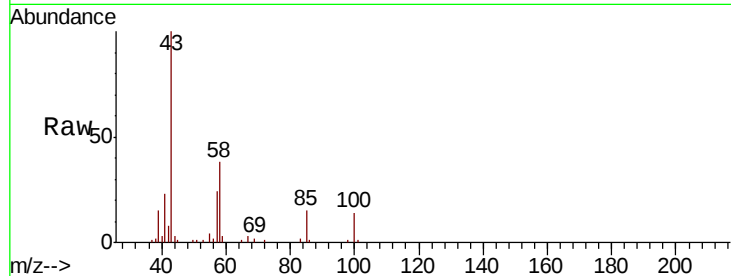
#45
 4-Methyl-2-Pentanone
 Concen: 9.30 ug/l
 RT: 7.47 min Scan# 1958
 Delta R.T. 0.00 min
 Lab File: VU026615.D
 Acq: 07 Sep 2018 11:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0907WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	36.9	18.8	56.4
85	14.8	12.6	19.0

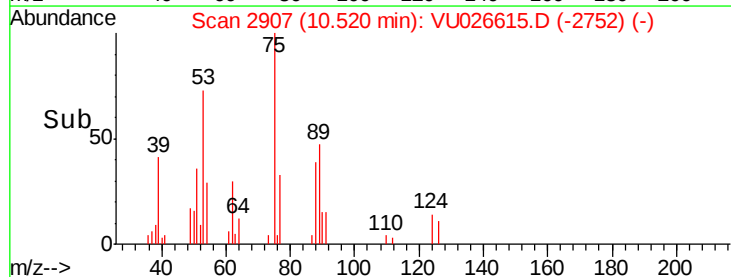
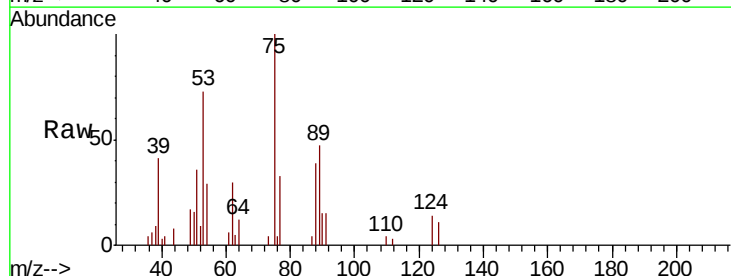
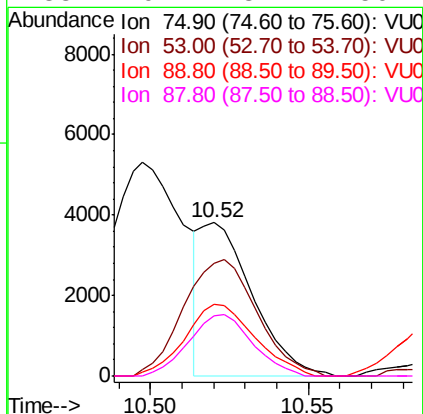
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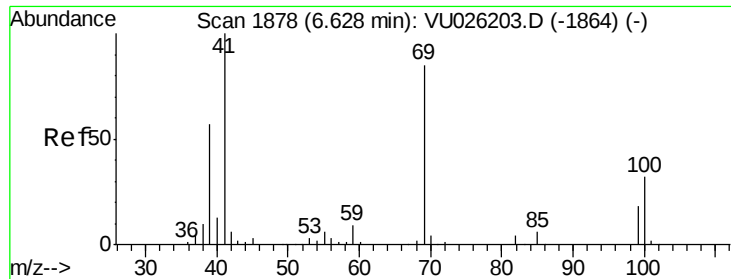
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#46
 t-1,4-Dichloro-2-butene
 Concen: 2.63 ug/l m
 RT: 10.52 min Scan# 2907
 Delta R.T. -0.00 min
 Lab File: VU026615.D
 Acq: 07 Sep 2018 11:31

Tgt Ion	Ratio	Lower	Upper
75	100		
53	107.9	82.2	123.4
89	63.3	51.3	76.9
88	49.7	37.4	56.2





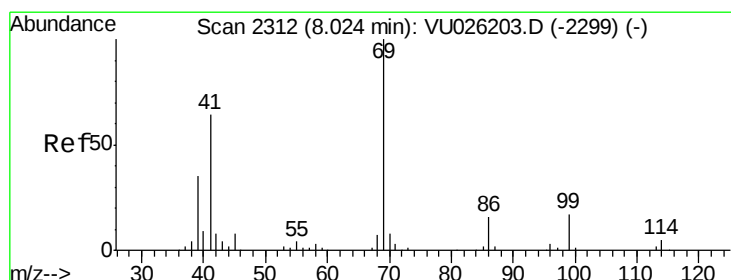
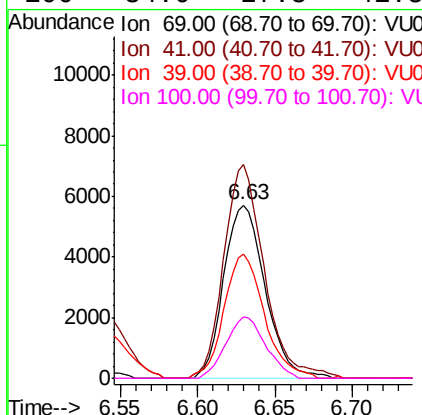
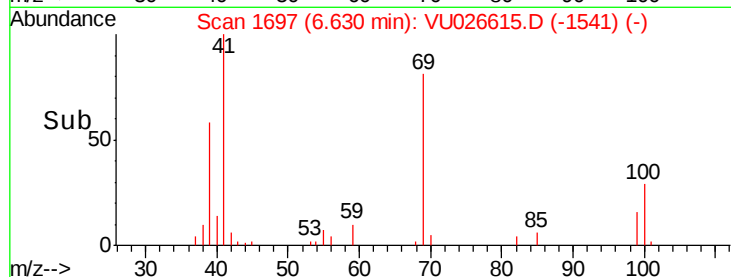
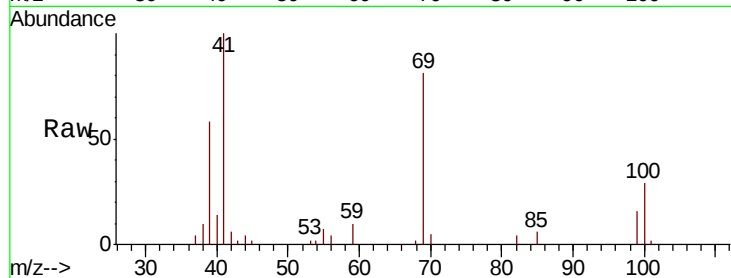
#47
Methyl methacrylate
Concen: 3.61 ug/l
RT: 6.63 min Scan# 1697
Delta R.T. 0.00 min
Lab File: VU026615.D
Acq: 07 Sep 2018 11:31

Instrument :
MSVOA_U
ClientSampleId :
VU0907WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	120.6	0.0	245.4		
39	69.8	49.0	73.4		
100	34.0	27.8	41.8		

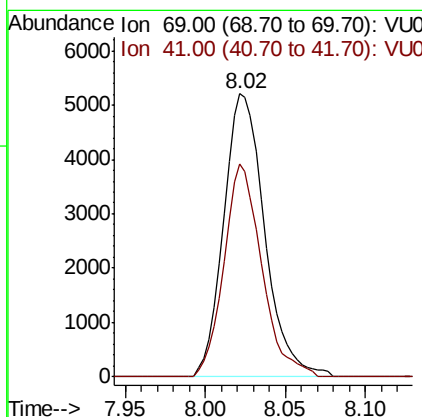
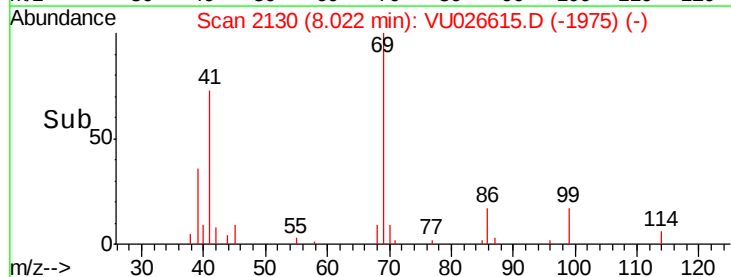
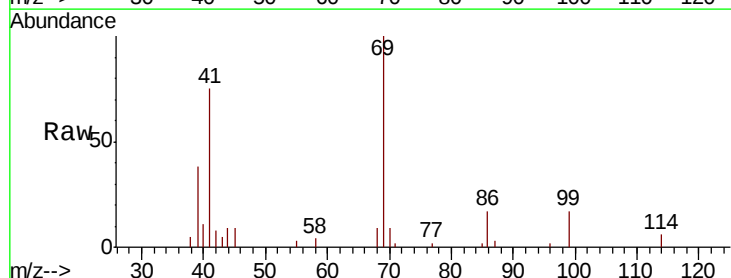
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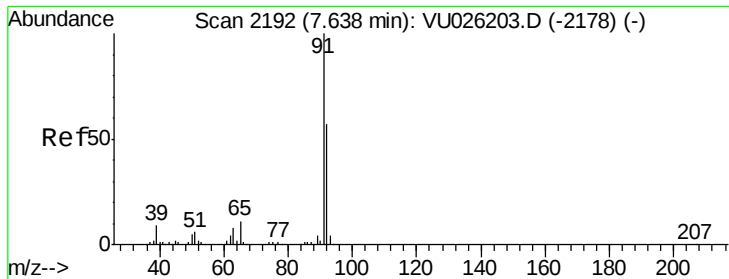
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#48
Ethyl methacrylate
Concen: 1.70 ug/l
RT: 8.02 min Scan# 2130
Delta R.T. -0.00 min
Lab File: VU026615.D
Acq: 07 Sep 2018 11:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	69.5	34.2	102.5		





#49

Toluene

Concen: 1.72 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU026615.D

Acq: 07 Sep 2018 11:31

Instrument :

MSVOA_U

ClientSampleId :

VU0907WBS01

Tot Ion: 92 Resp: 27436

Ion Ratio Lower Upper

92 100

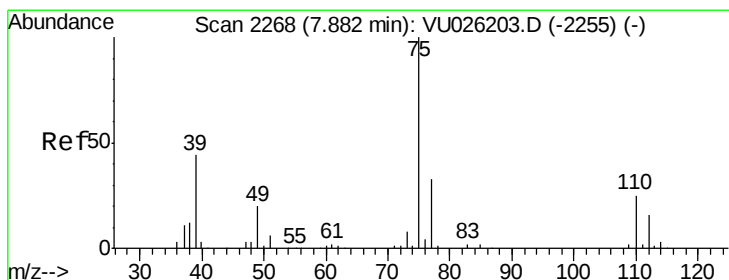
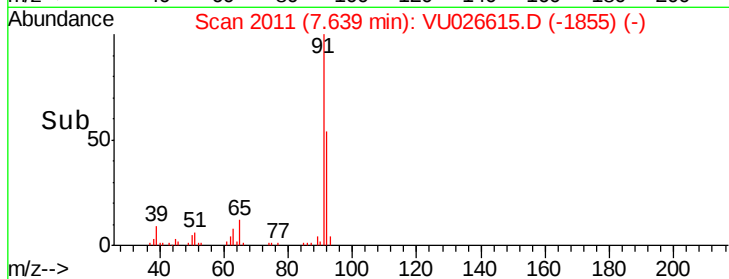
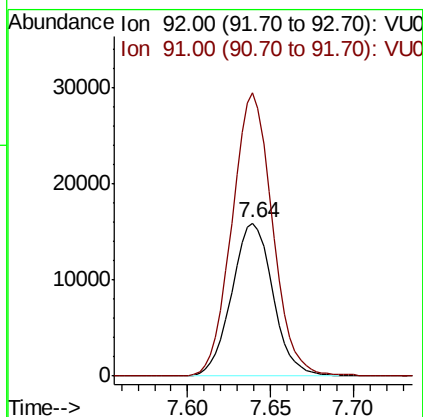
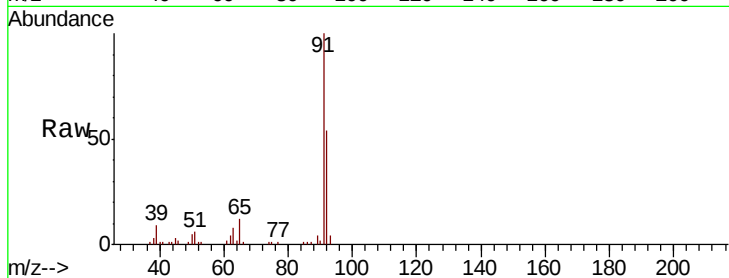
91 182.8 137.1 205.7

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#50

t-1,3-Dichloropropene

Concen: 1.63 ug/l

RT: 7.88 min Scan# 2087

Delta R.T. 0.00 min

Lab File: VU026615.D

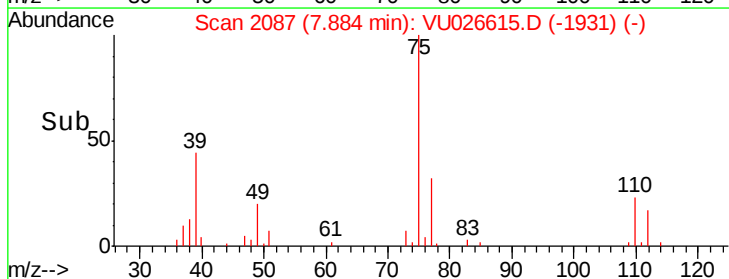
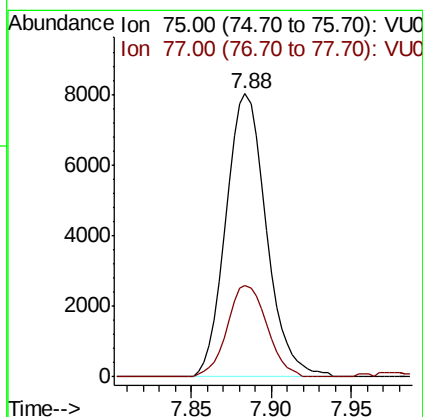
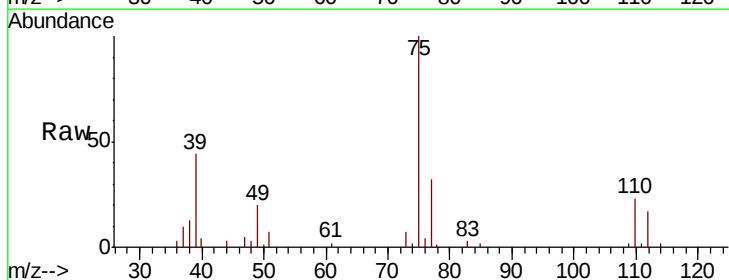
Acq: 07 Sep 2018 11:31

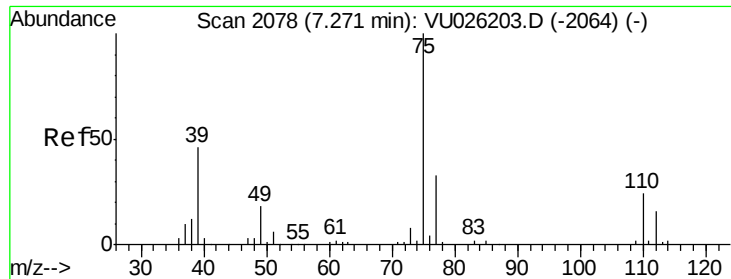
Tgt Ion: 75 Resp: 13820

Ion Ratio Lower Upper

75 100

77 32.5 25.2 37.8





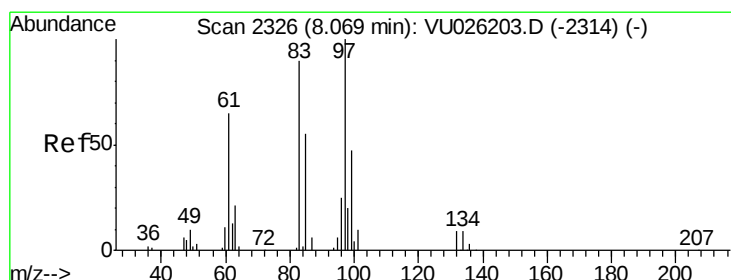
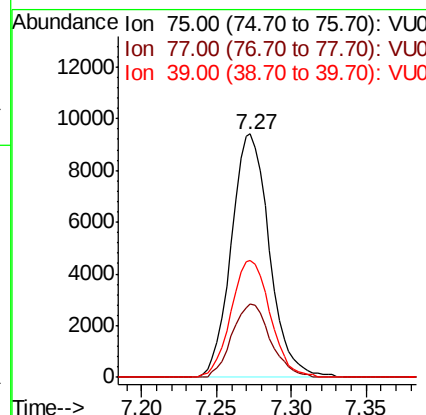
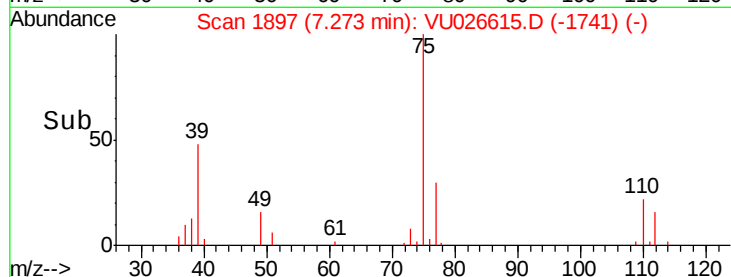
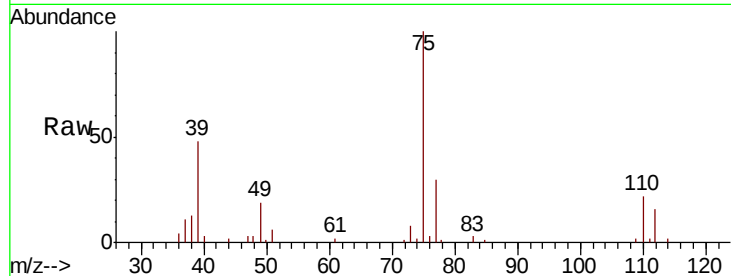
#51
 cis-1,3-Dichloropropene
 Concen: 1.70 ug/l
 RT: 7.27 min Scan# 1897
 Delta R.T. 0.00 min
 Lab File: VU026615.D
 Acq: 07 Sep 2018 11:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0907WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.3	25.2	37.8
39	48.2	36.4	54.6

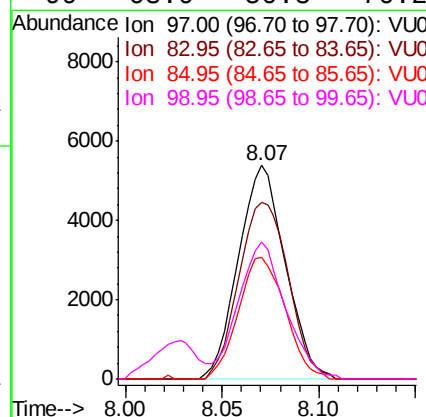
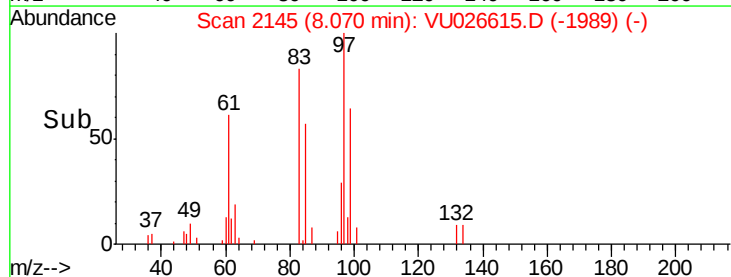
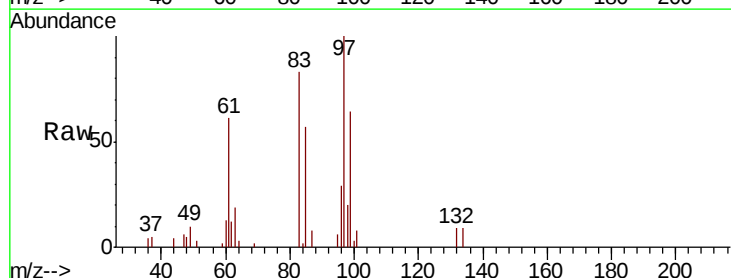
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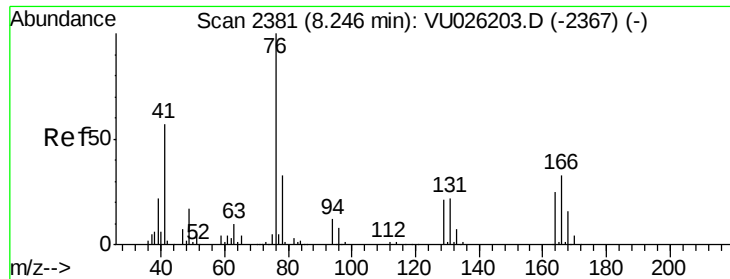
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#52
 1,1,2-Trichloroethane
 Concen: 1.75 ug/l
 RT: 8.07 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: VU026615.D
 Acq: 07 Sep 2018 11:31

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.9	72.6	109.0
85	56.9	47.2	70.8
99	63.9	50.8	76.2





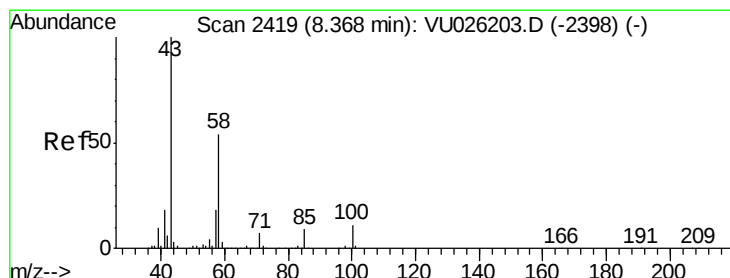
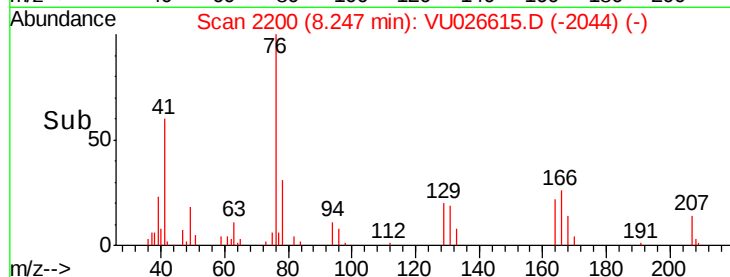
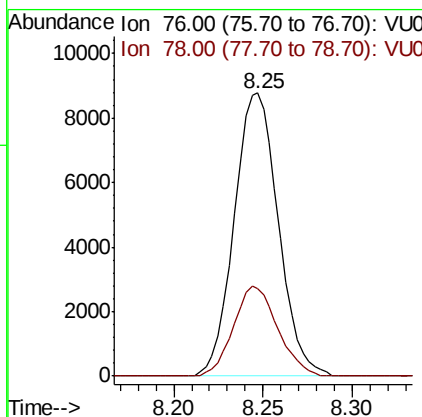
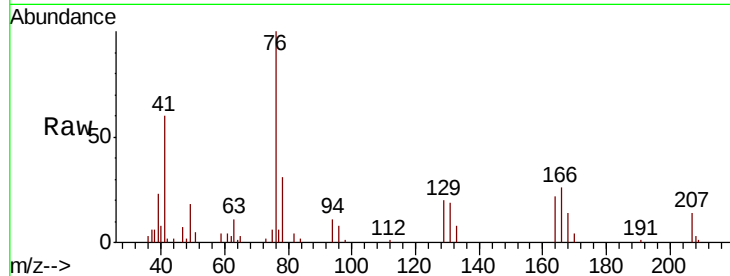
#53
 1,3-Dichloropropane
 Concen: 1.75 ug/l
 RT: 8.25 min Scan# 2200
 Delta R.T. 0.00 min
 Lab File: VU026615.D
 Acq: 07 Sep 2018 11:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0907WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.7	25.7	38.5

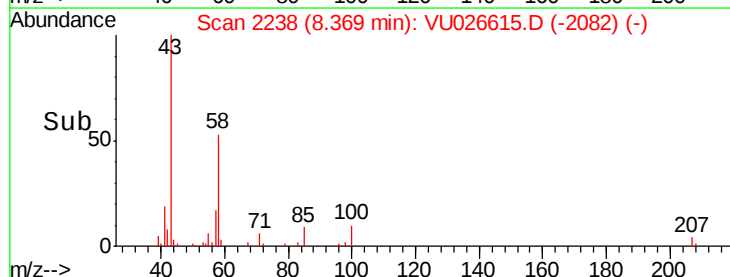
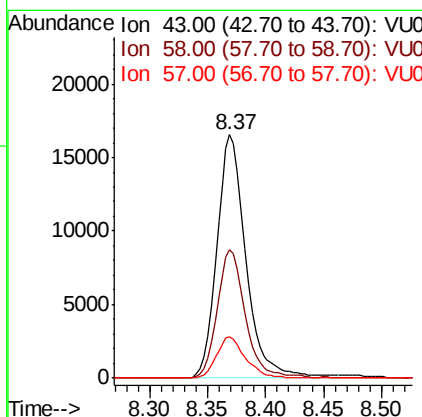
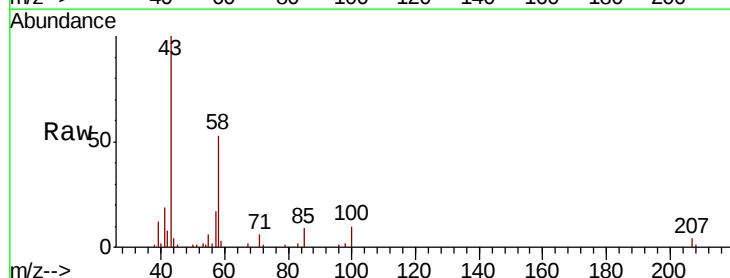
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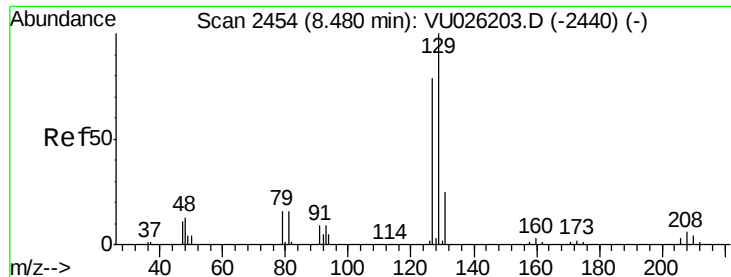
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#54
 2-Hexanone
 Concen: 10.51 ug/l
 RT: 8.37 min Scan# 2238
 Delta R.T. 0.00 min
 Lab File: VU026615.D
 Acq: 07 Sep 2018 11:31

Tgt Ion	Ratio	Lower	Upper
43	100		
58	50.7	32.5	72.5
57	16.6	0.0	37.9





#55

Dibromochloromethane

Concen: 1.59 ug/l

RT: 8.48 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VU026615.D

Acq: 07 Sep 2018 11:31

Instrument :

MSVOA_U

ClientSampleId :

VU0907WBS01

Tot Ion:129 Resp: 11049

Ion Ratio Lower Upper

129 100

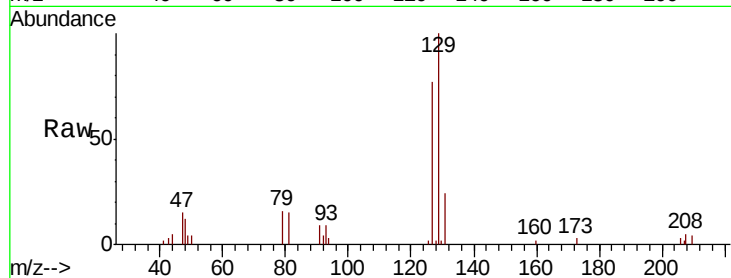
127 76.1 61.1 91.7

Manual Integrations

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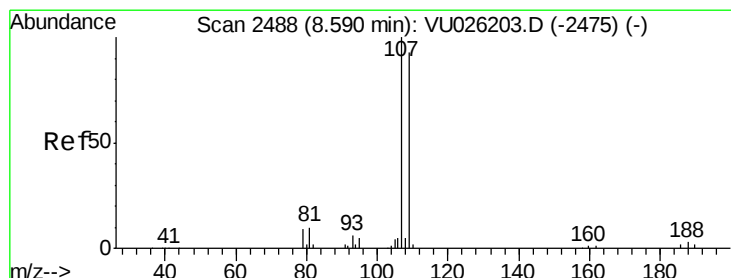
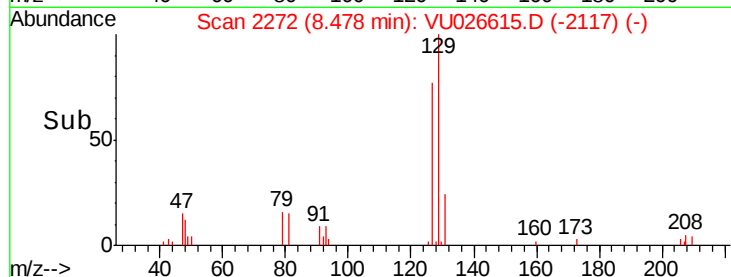
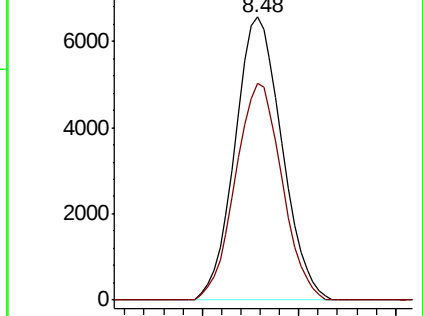
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 1.61 ug/l

RT: 8.59 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VU026615.D

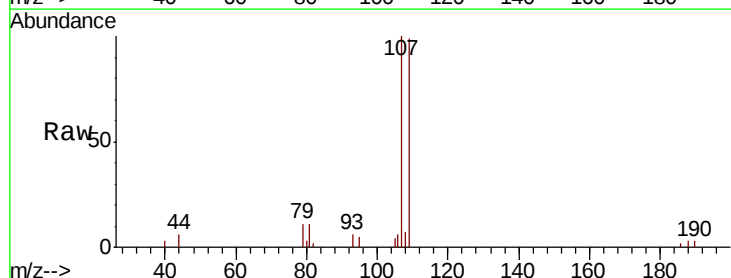
Acq: 07 Sep 2018 11:31

Tgt Ion:107 Resp: 8166

Ion Ratio Lower Upper

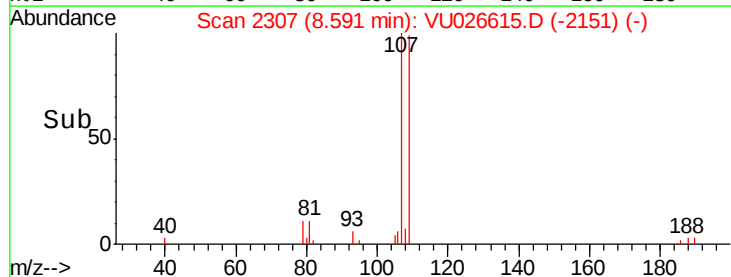
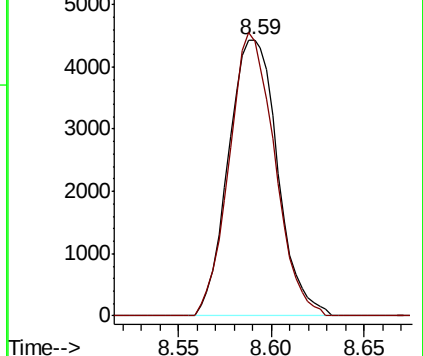
107 100

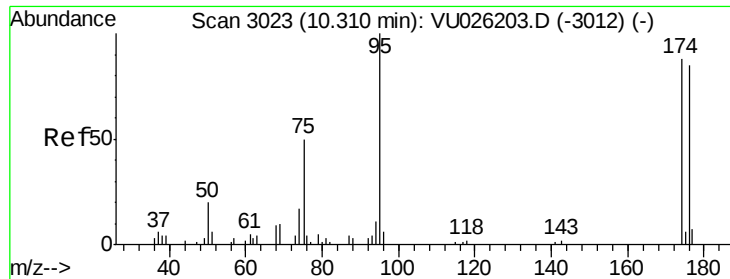
109 95.0 0.0 189.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





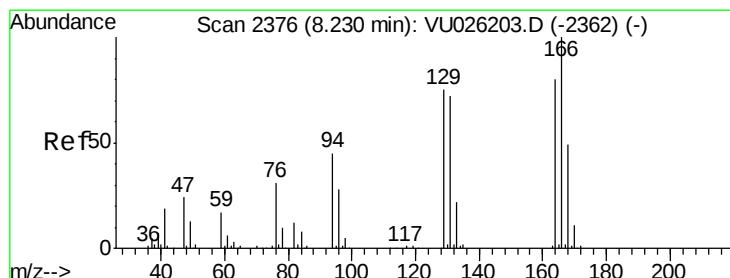
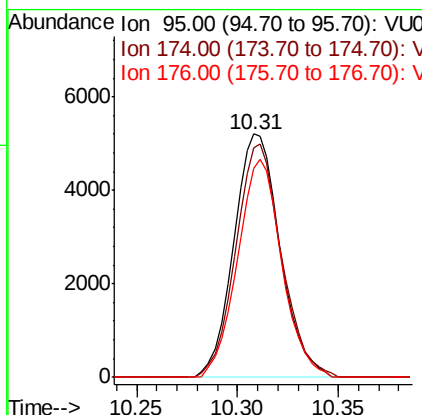
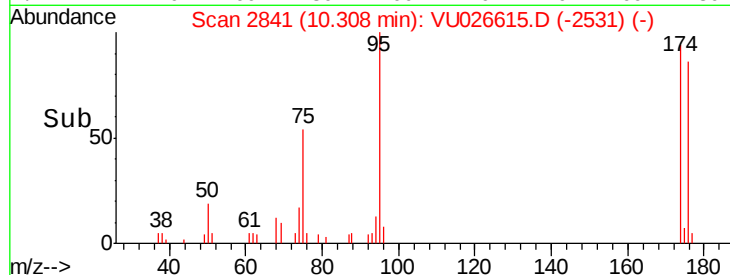
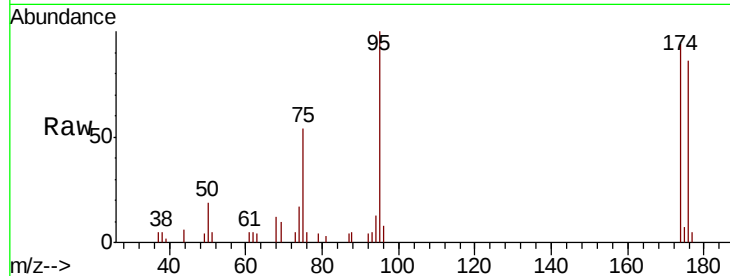
#57
4-Bromofluorobenzene
Concen: 1.61 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU026615.D
Acq: 07 Sep 2018 11:31

Instrument :
MSVOA_U
ClientSampleId :
VU0907WBS01

Tot Ion	Ratio	Resp	Lower	Upper
95	100	8353		
174	94.5	65.6	98.4	
176	85.6	62.0	93.0	

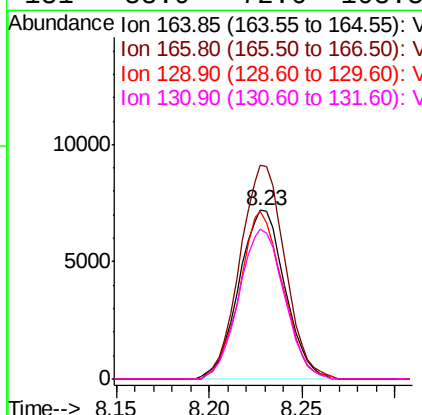
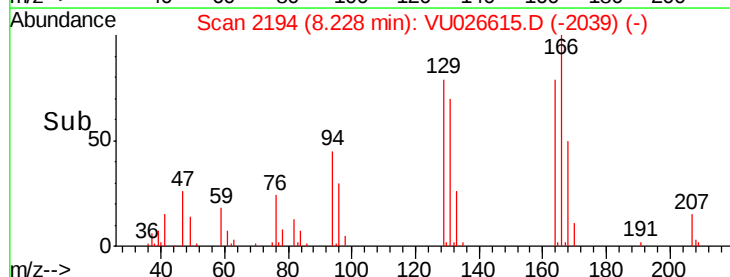
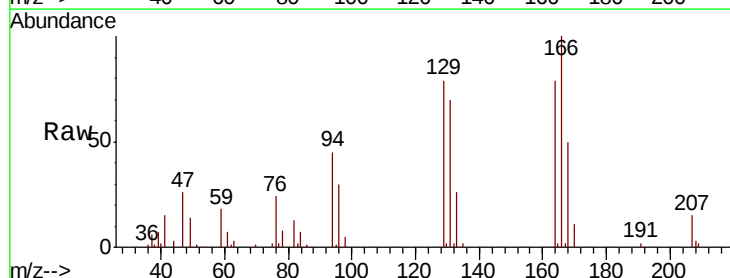
Manual Integrations
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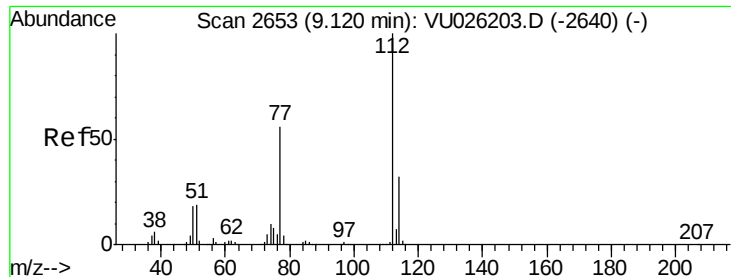
MMDadoda
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#58
Tetrachloroethene
Concen: 1.67 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU026615.D
Acq: 07 Sep 2018 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	12434		
166	126.7	104.1	156.1	
129	99.8	76.8	115.2	
131	88.9	72.6	108.8	





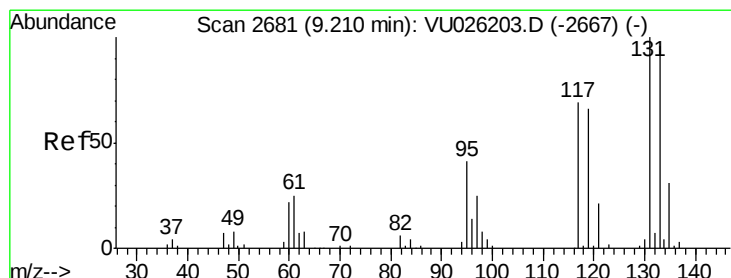
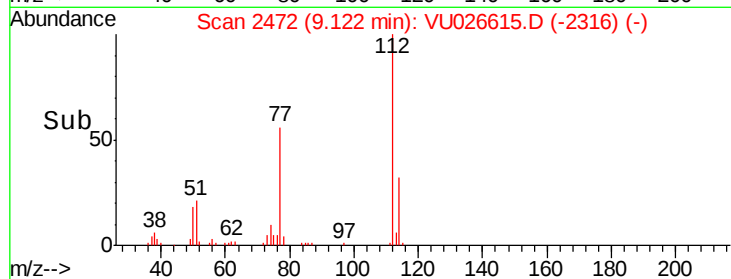
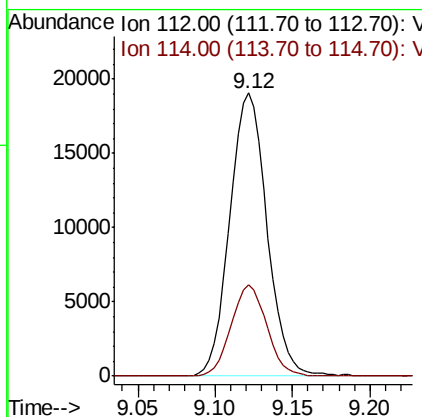
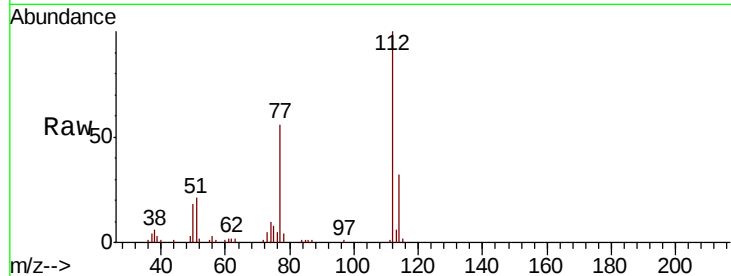
#59
Chlorobenzene
Concen: 1.72 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU026615.D
Acq: 07 Sep 2018 11:31

Instrument :
MSVOA_U
ClientSampleId :
VU0907WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		31714		
114	32.3	25.4	38.2		

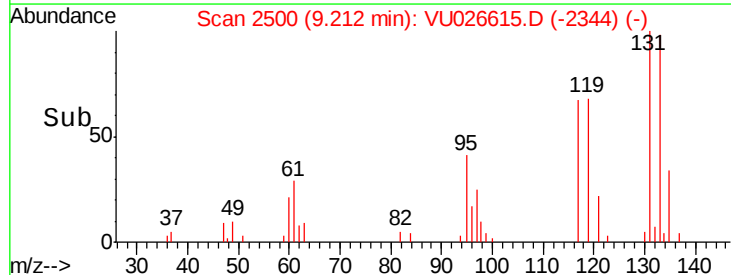
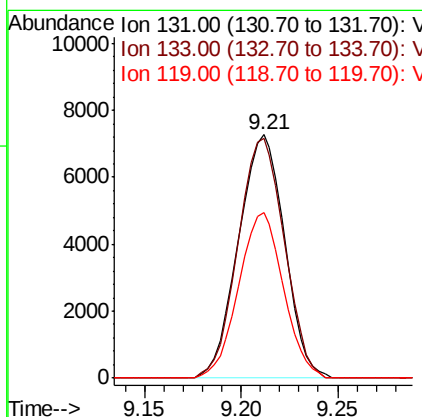
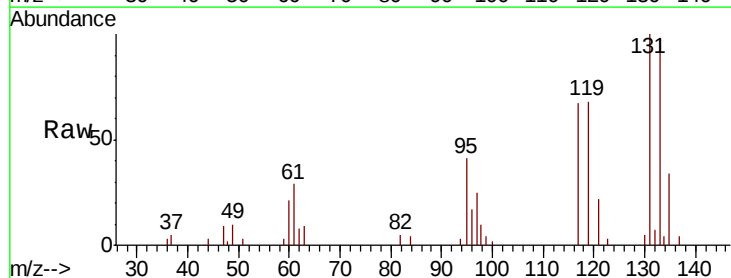
Manual Integrations
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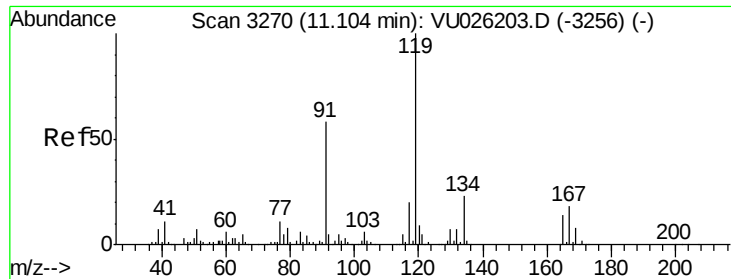
MMDadoda
9/10/2018 9:52:42 AM



#60
1,1,1,2-Tetrachloroethane
Concen: 1.64 ug/l
RT: 9.21 min Scan# 2500
Delta R.T. 0.00 min
Lab File: VU026615.D
Acq: 07 Sep 2018 11:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
131	100		12075		
133	98.8	75.8	113.8		
119	66.1	53.0	79.6		





#61

Pentachloroethane

Concen: 1.61 ug/l

RT: 11.11 min Scan# 3089

Delta R.T. 0.00 min

Lab File: VU026615.D

Acq: 07 Sep 2018 11:31

Instrument :

MSVOA_U

ClientSampleId :

VU0907WBS01

Tot Ion:117 Resp: 10139

Ion Ratio Lower Upper

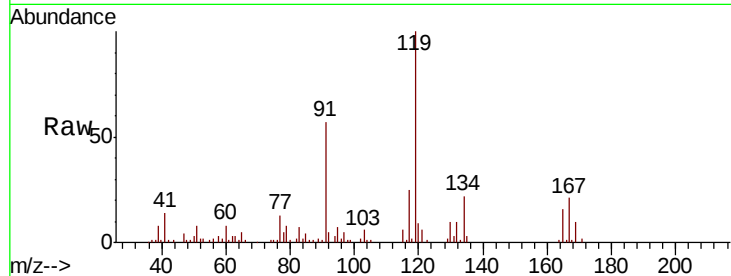
117 100

167 81.7 69.2 103.8

Manual Integrations
APPROVED

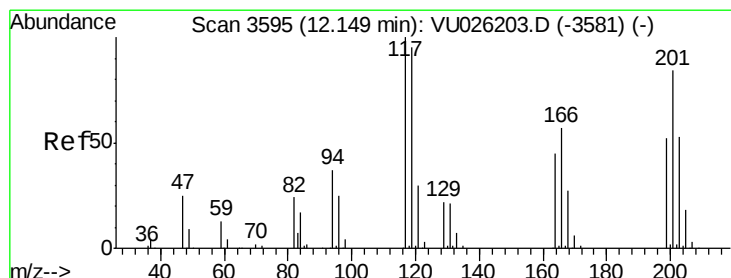
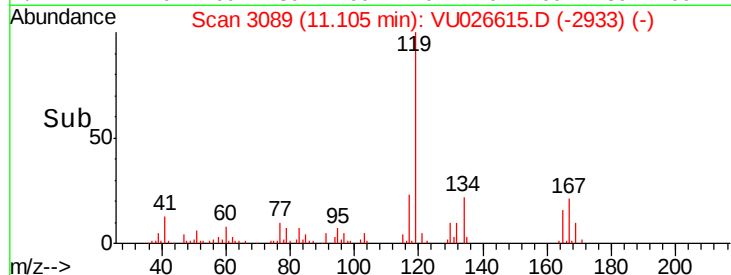
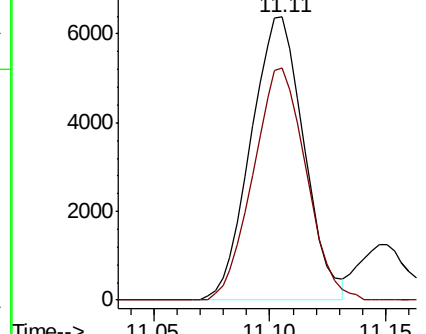
MMDadoda

9/10/2018 9:52:42 AM



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 1.53 ug/l

RT: 12.15 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VU026615.D

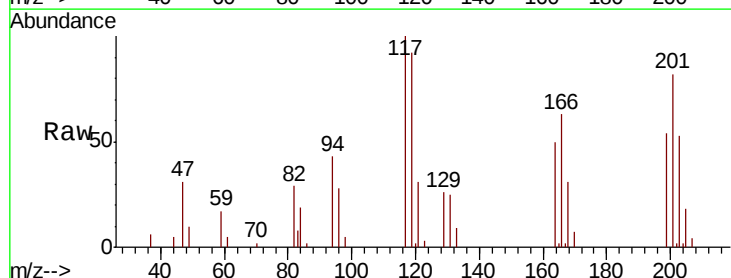
Acq: 07 Sep 2018 11:31

Tgt Ion:117 Resp: 9601

Ion Ratio Lower Upper

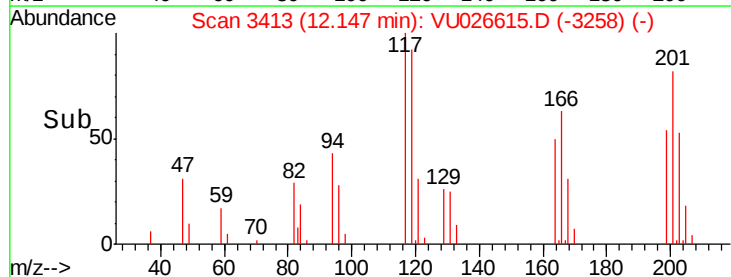
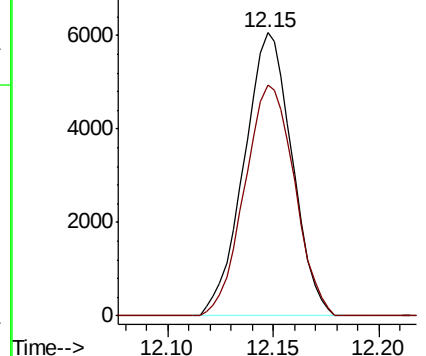
117 100

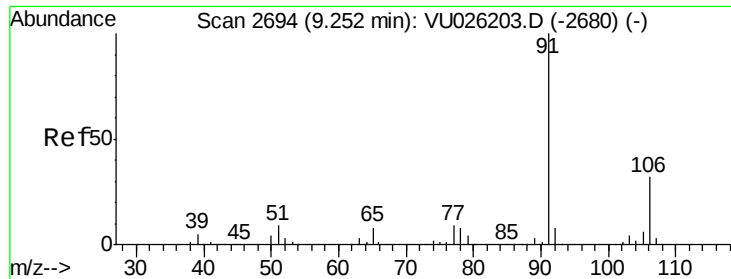
201 84.7 68.7 103.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V





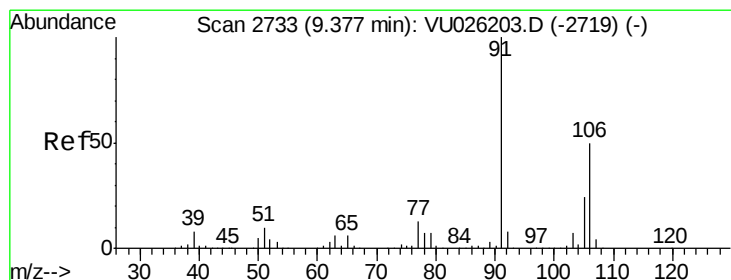
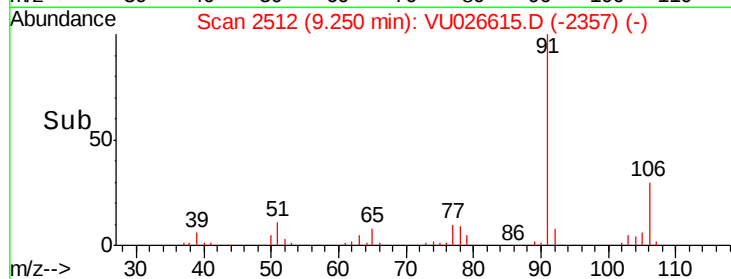
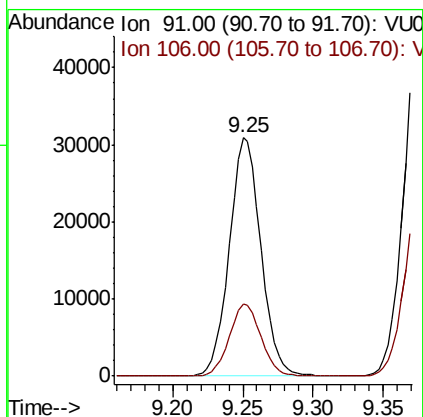
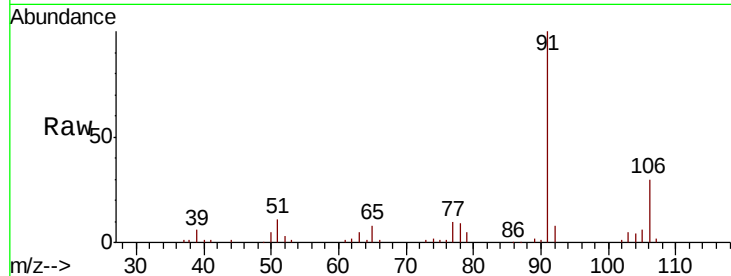
#63
Ethyl Benzene
Concen: 1.65 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. -0.00 min
Lab File: VU026615.D
Acq: 07 Sep 2018 11:31

Instrument :
MSVOA_U
ClientSampleId :
VU0907WBS01

Tot Ion: 91 Resp: 48487
Ion Ratio Lower Upper
91 100
106 30.4 24.7 37.1

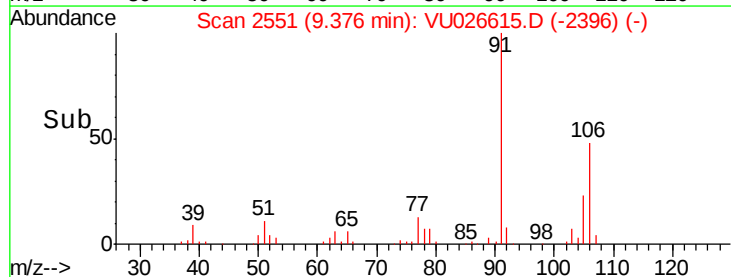
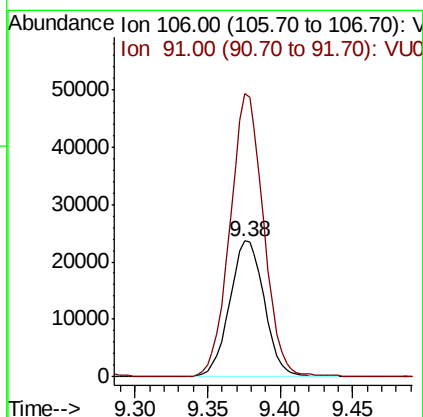
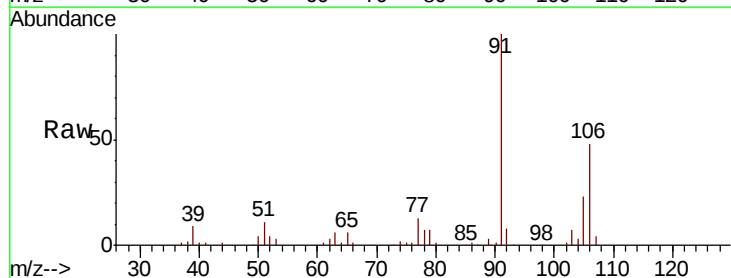
Manual Integrations
APPROVED

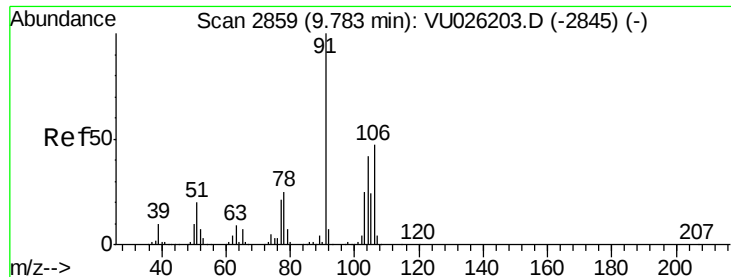
MMDadoda
9/10/2018 9:52:42 AM



#64
m/p-Xylenes
Concen: 3.35 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VU026615.D
Acq: 07 Sep 2018 11:31

Tgt Ion: 106 Resp: 39182
Ion Ratio Lower Upper
106 100
91 202.1 164.1 246.1





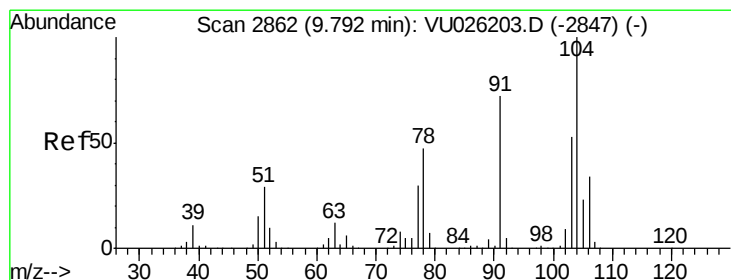
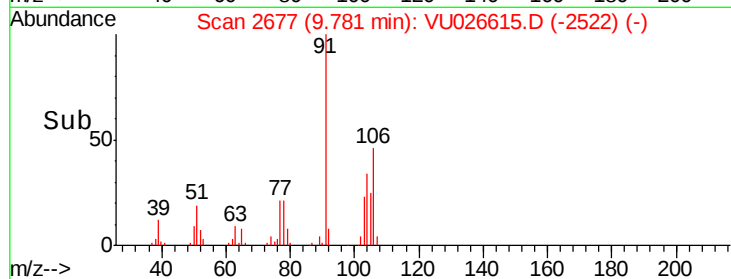
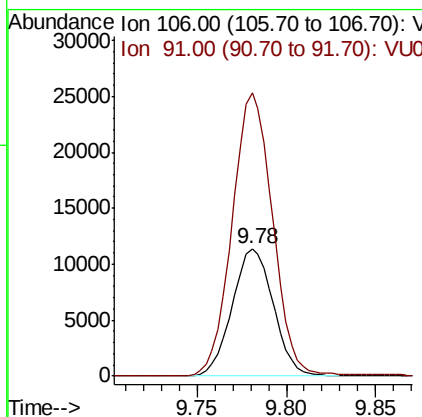
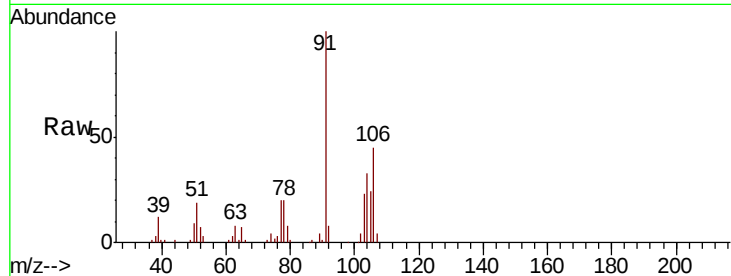
#65
o-Xylene
Concen: 1.64 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU026615.D
Acq: 07 Sep 2018 11:31

Instrument :
MSVOA_U
ClientSampleId :
VU0907WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		18261		
91	218.5	107.9	323.7		

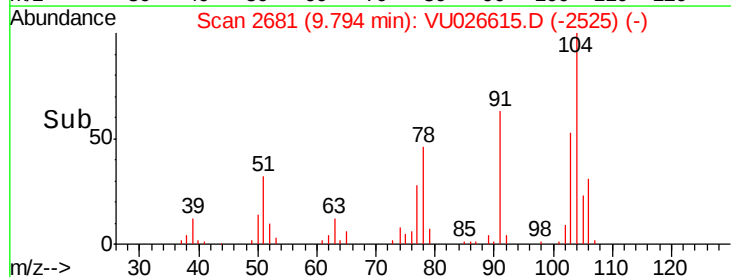
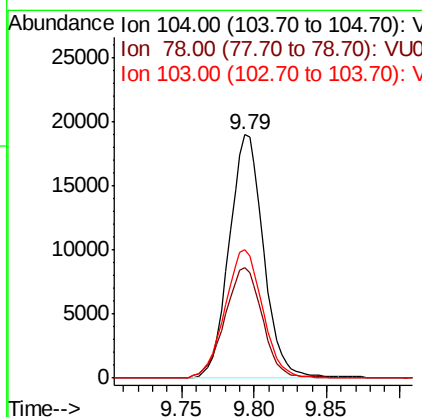
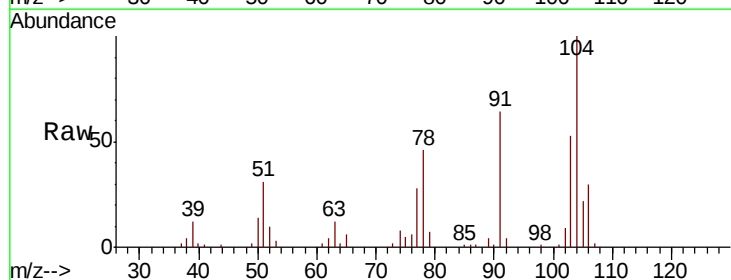
Manual Integrations
APPROVED

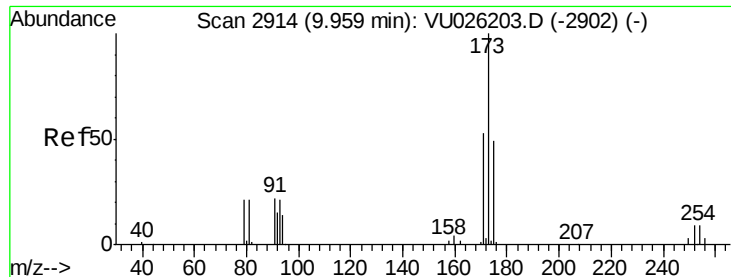
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#66
Styrene
Concen: 1.64 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU026615.D
Acq: 07 Sep 2018 11:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		31222		
78	49.8	40.2	60.2		
103	57.6	44.2	66.4		





#67

Bromoform

Concen: 1.55 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU026615.D

Acq: 07 Sep 2018 11:31

Instrument :

MSVOA_U

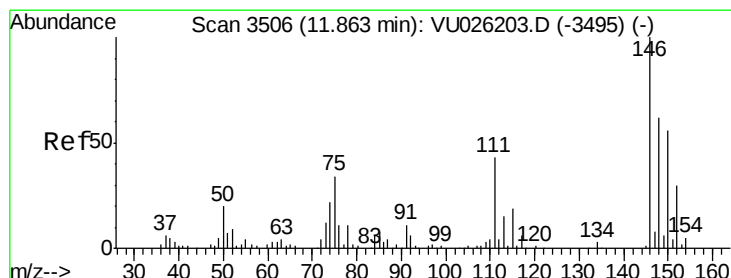
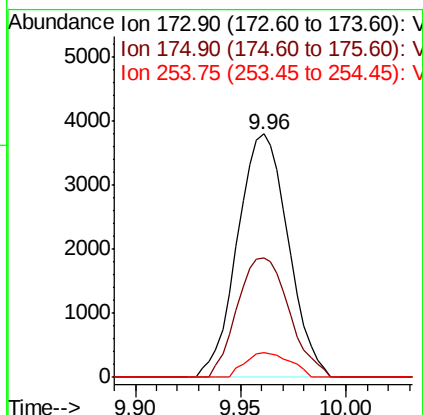
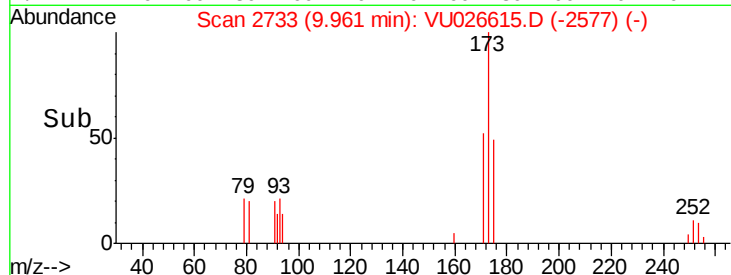
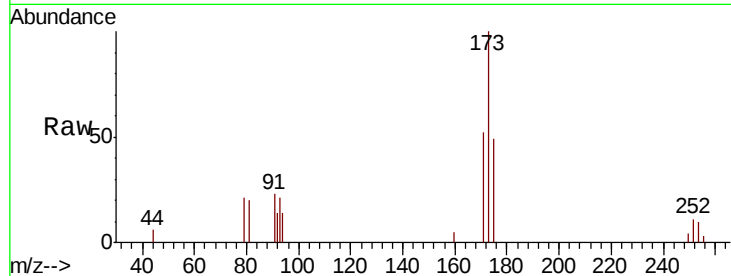
ClientSampleId :

VU0907WBS01

Tot Ion:	173	Resp:	6343
Ion Ratio	Lower	Upper	
173	100		
175	50.2	38.6	57.8
254	9.0	8.8	13.2

Manual Integrations
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#68

1,2-Dichlorobenzene-d4

Concen: 1.55 ug/l

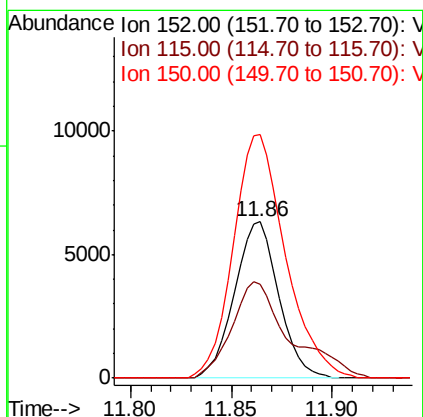
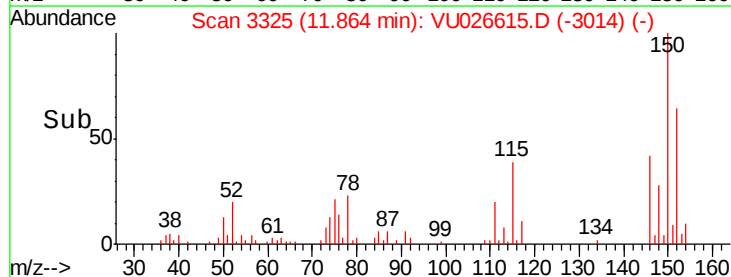
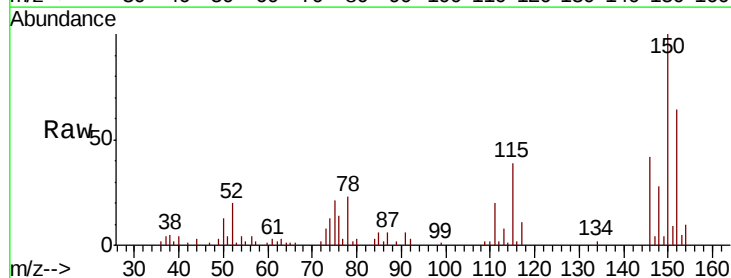
RT: 11.86 min Scan# 3325

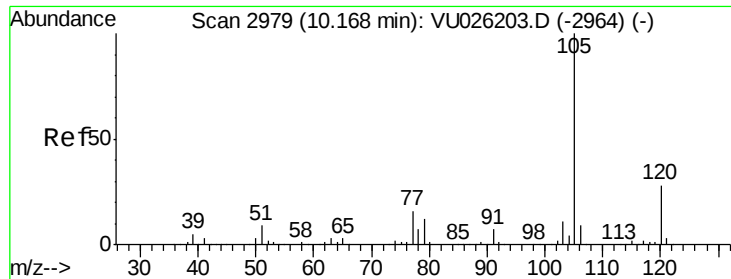
Delta R.T. 0.00 min

Lab File: VU026615.D

Acq: 07 Sep 2018 11:31

Tgt Ion:	152	Resp:	9734
Ion Ratio	Lower	Upper	
152	100		
115	80.3	0.0	118.8
150	182.6	0.0	0.0#





#69

Isopropylbenzene

Concen: 1.63 ug/l

RT: 10.17 min Scan# 2798

Delta R.T. 0.00 min

Lab File: VU026615.D

Acq: 07 Sep 2018 11:31

Instrument :

MSVOA_U

ClientSampleId :

VU0907WBS01

Tot Ion: 105 Resp: 48037

Ion Ratio Lower Upper

105 100

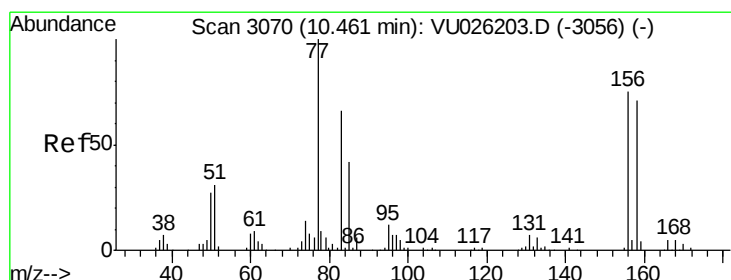
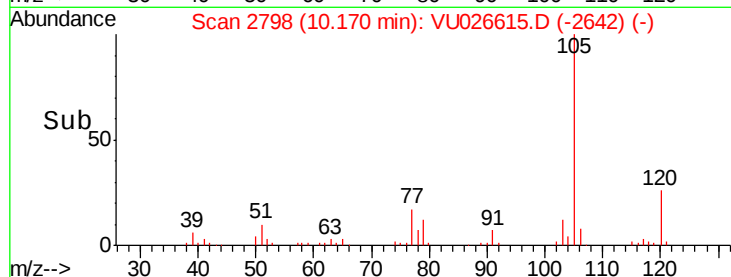
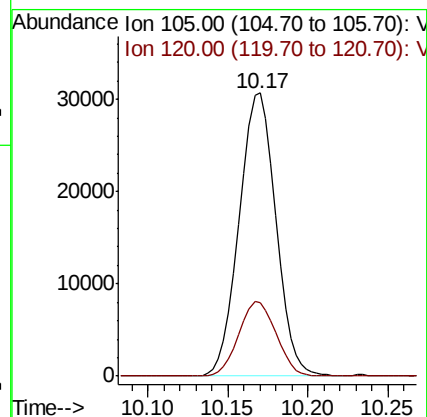
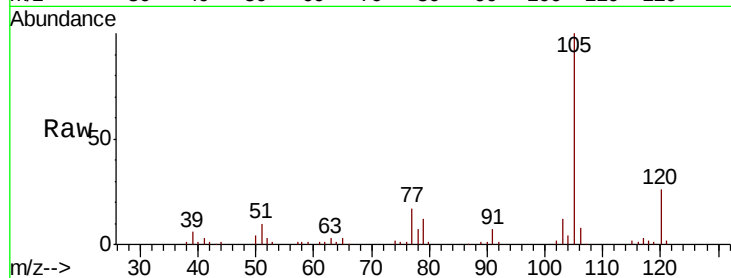
120 26.6 13.1 39.3

Manual Integrations

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#70

1,1,2,2-Tetrachloroethane

Concen: 1.73 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. -0.00 min

Lab File: VU026615.D

Acq: 07 Sep 2018 11:31

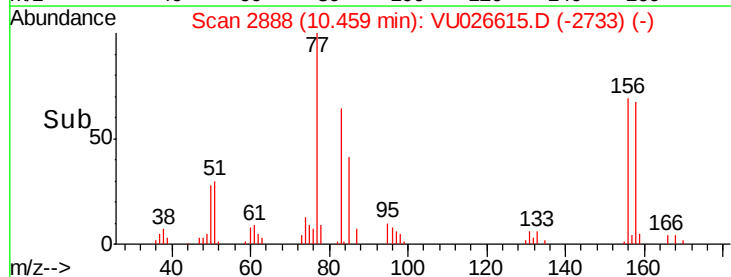
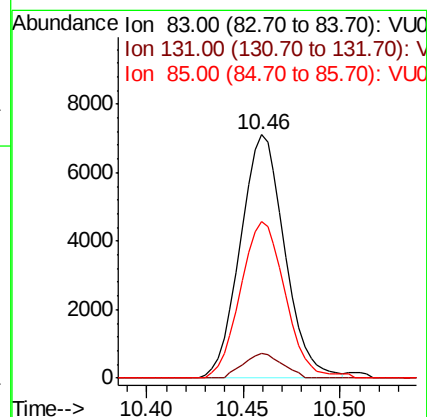
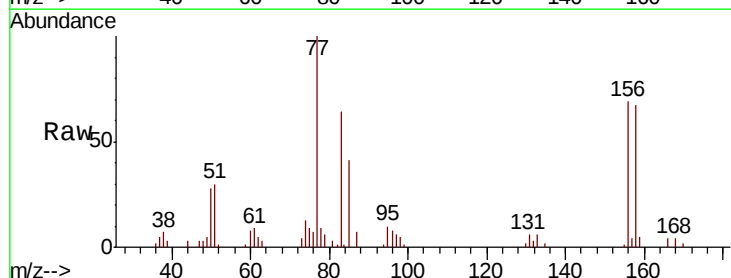
Tgt Ion: 83 Resp: 11339

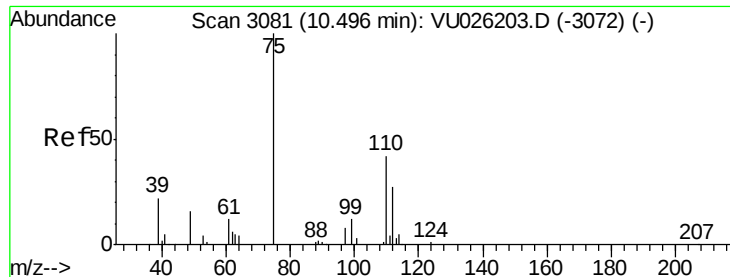
Ion Ratio Lower Upper

83 100

131 8.8 7.9 11.9

85 64.8 51.8 77.6





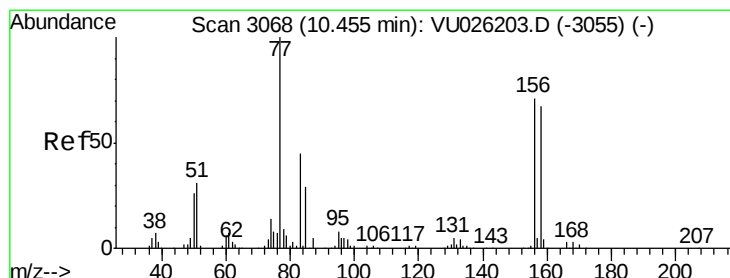
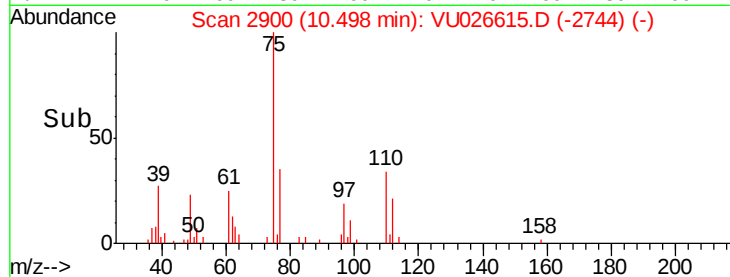
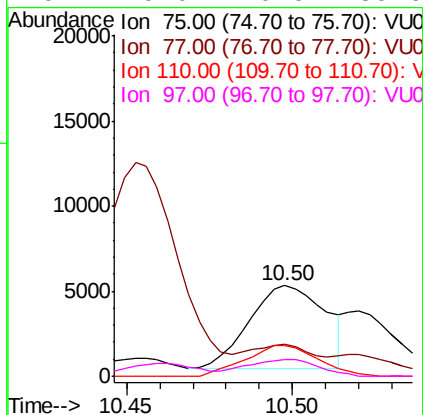
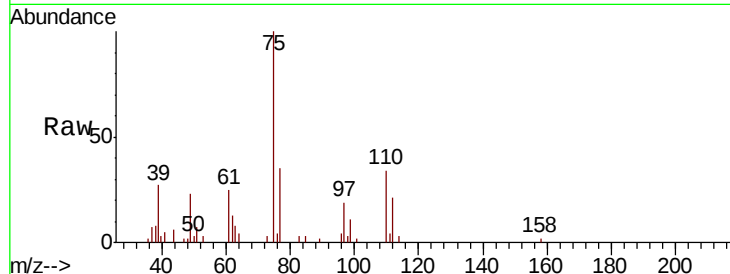
#71
 1,2,3-Trichloropropane
 Concen: 1.65 ug/l
 RT: 10.50 min Scan# 2900
 Delta R.T. 0.00 min
 Lab File: VU026615.D
 Acq: 07 Sep 2018 11:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0907WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	11.0	0.0	0.0#
110	35.6	0.0	74.0
97	19.0	0.0	39.6

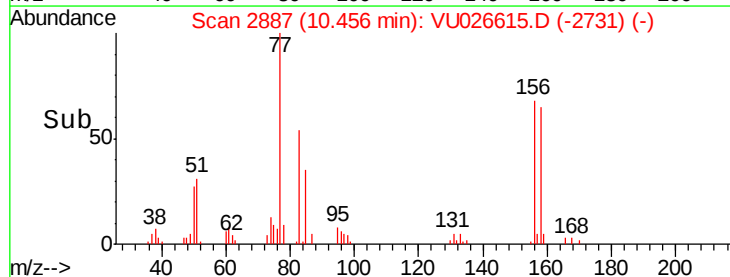
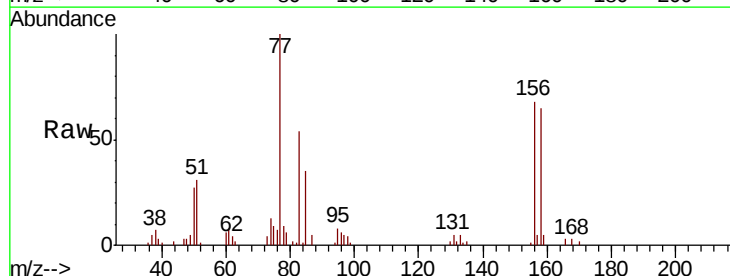
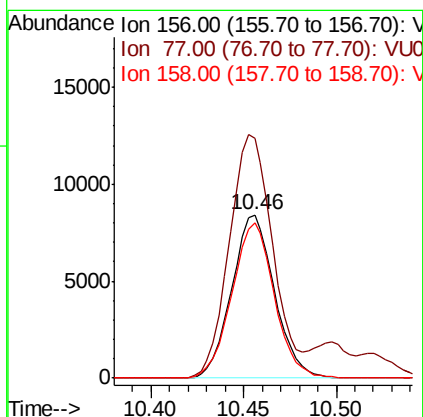
Manual Integrations
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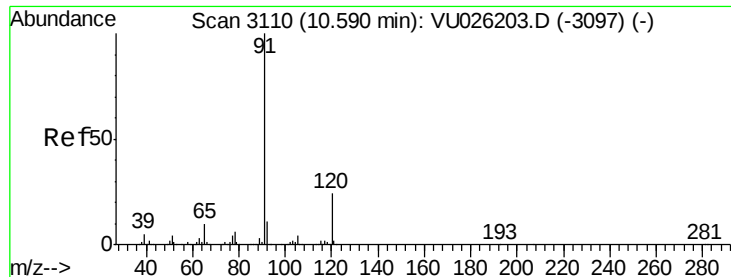
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 9/10/2018 9:52:42 AM



#72
 Bromobenzene
 Concen: 1.63 ug/l
 RT: 10.46 min Scan# 2887
 Delta R.T. 0.00 min
 Lab File: VU026615.D
 Acq: 07 Sep 2018 11:31

Tgt Ion	Ratio	Lower	Upper
156	100		
77	151.6	0.0	309.8
158	94.5	0.0	193.0





#73

n-propylbenzene

Concen: 1.58 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU026615.D

Acq: 07 Sep 2018 11:31

Instrument :

MSVOA_U

ClientSampleId :

VU0907WBS01

Tot Ion:120 Resp: 13638

Ion Ratio Lower Upper

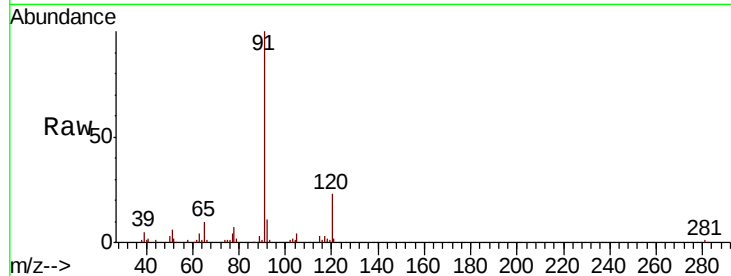
120 100

91 437.2 352.2 528.4

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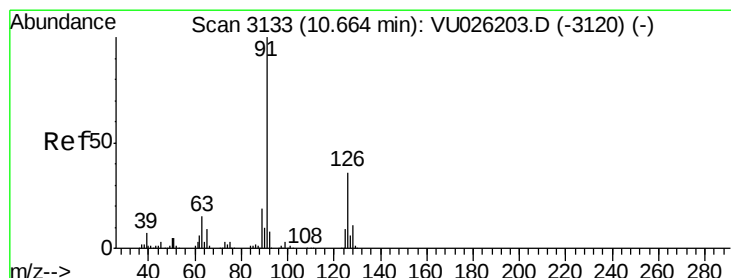
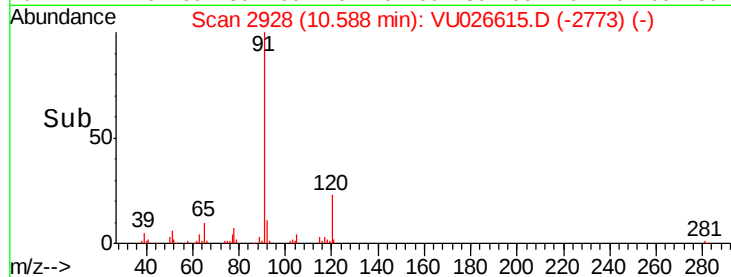
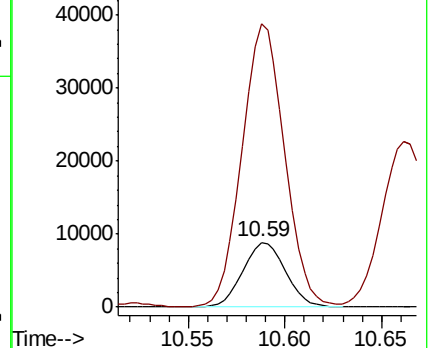
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Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 1.67 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. -0.00 min

Lab File: VU026615.D

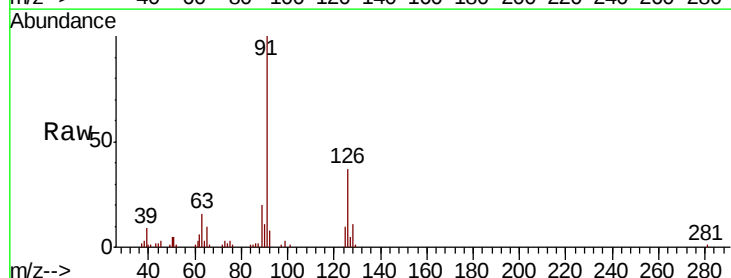
Acq: 07 Sep 2018 11:31

Tgt Ion:126 Resp: 13015

Ion Ratio Lower Upper

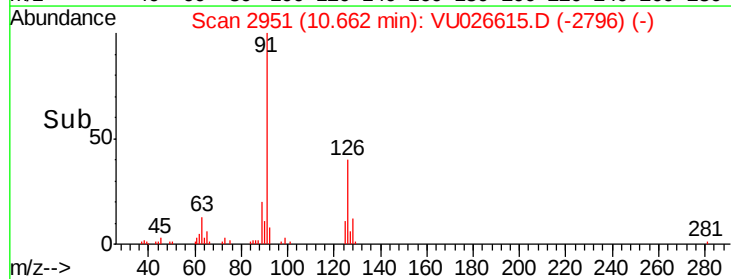
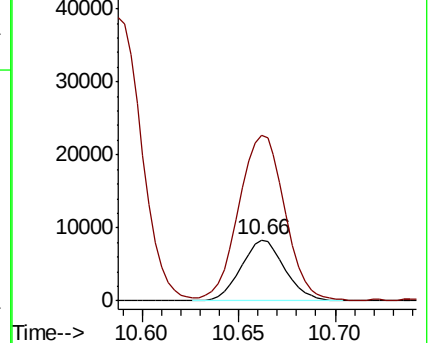
126 100

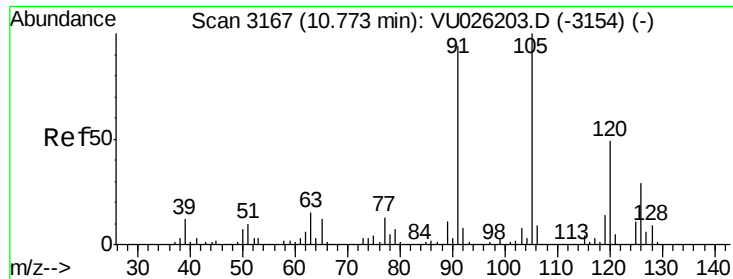
91 287.1 0.0 613.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 1.63 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU026615.D

Acq: 07 Sep 2018 11:31

Instrument :

MSVOA_U

ClientSampleId :

VU0907WBS01

Tot Ion:105 Resp: 42658

Ion Ratio Lower Upper

105 100

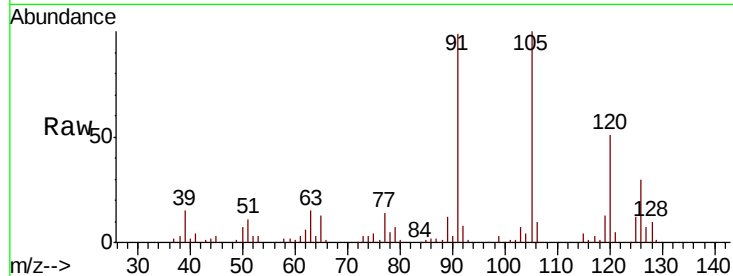
120 48.6 39.0 58.6

Manual Integrations

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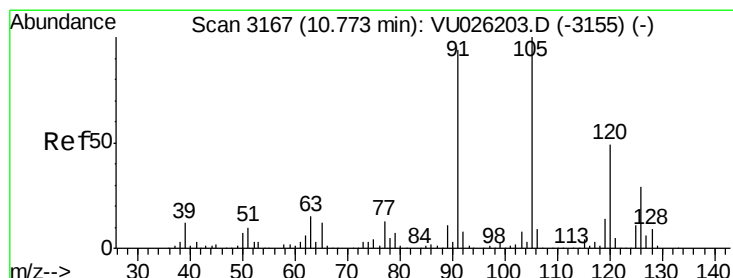
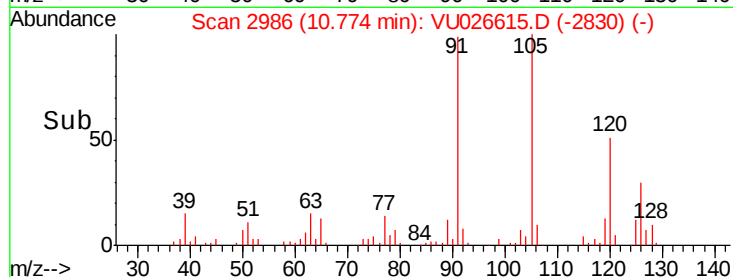
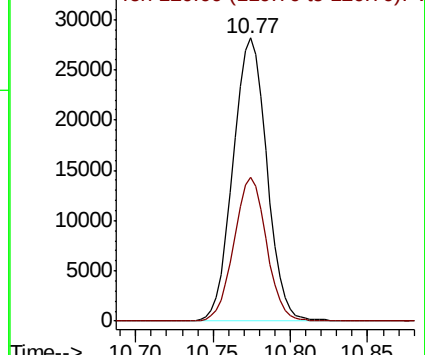
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 1.64 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU026615.D

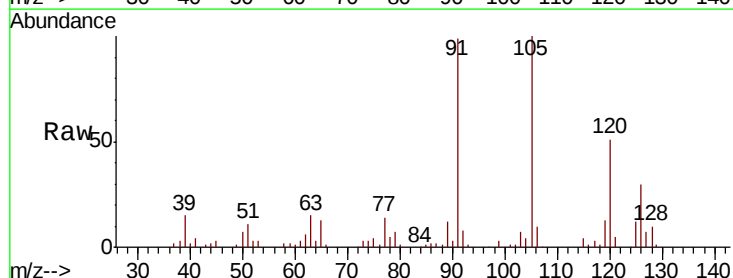
Acq: 07 Sep 2018 11:31

Tgt Ion:126 Resp: 13095

Ion Ratio Lower Upper

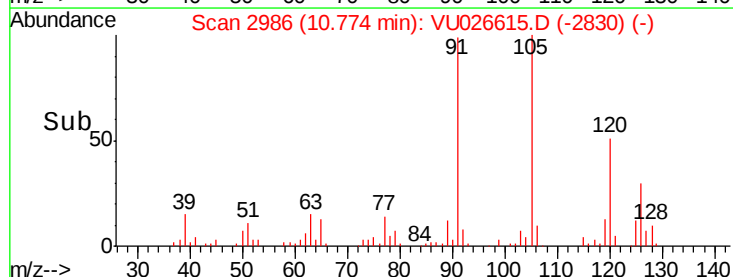
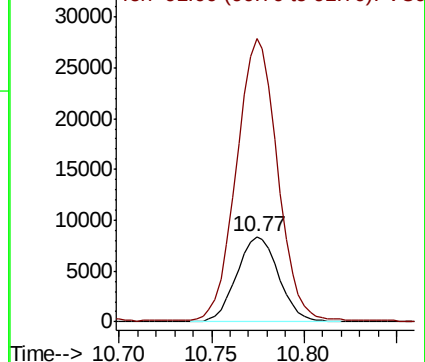
126 100

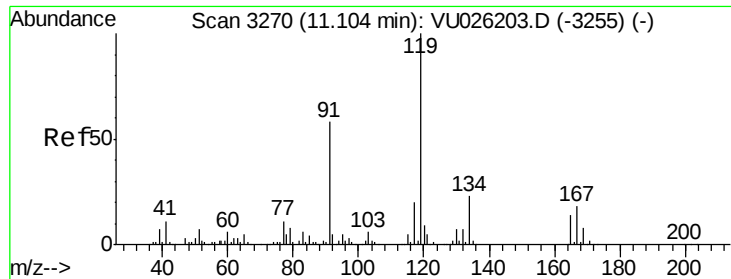
91 324.6 0.0 667.2



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#77

tert-Butylbenzene

Concen: 1.61 ug/l

RT: 11.10 min Scan# 3088

Delta R.T. -0.00 min

Lab File: VU026615.D

Acq: 07 Sep 2018 11:31

Instrument :

MSVOA_U

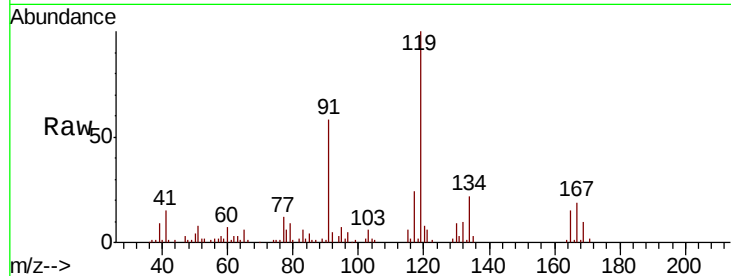
ClientSampleId :

VU0907WBS01

Tot Ion:	119	Resp:	41952
Ion Ratio	Lower	Upper	
119	100		
91	57.1	29.6	88.8
134	22.3	19.1	28.7

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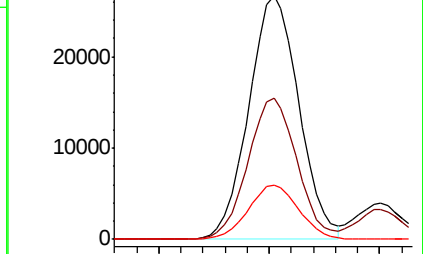
MMDadoda
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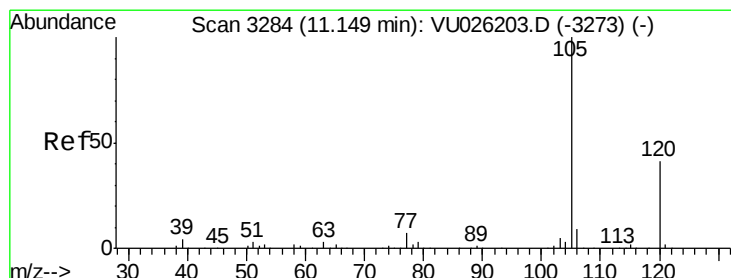
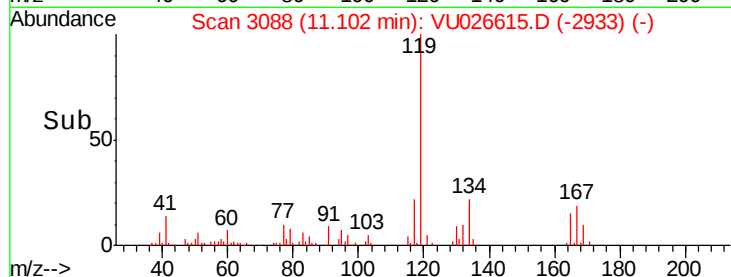
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V



Time-->



#78

1,2,4-Trimethylbenzene

Concen: 1.59 ug/l

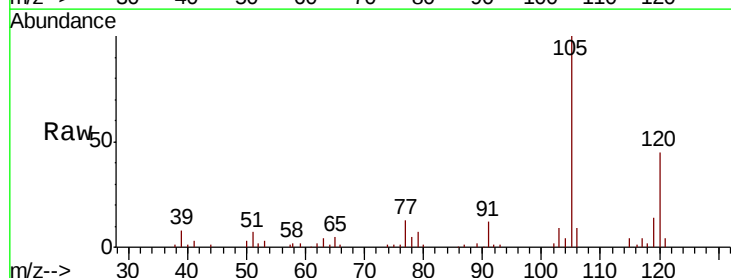
RT: 11.15 min Scan# 3103

Delta R.T. 0.00 min

Lab File: VU026615.D

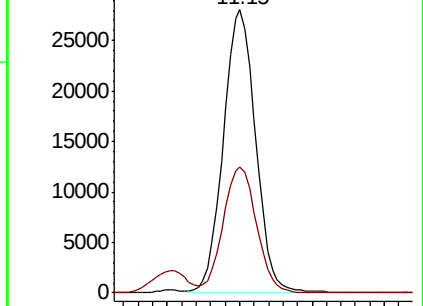
Acq: 07 Sep 2018 11:31

Tgt Ion:	105	Resp:	43152
Ion Ratio	Lower	Upper	
105	100		
120	46.2	23.1	69.3

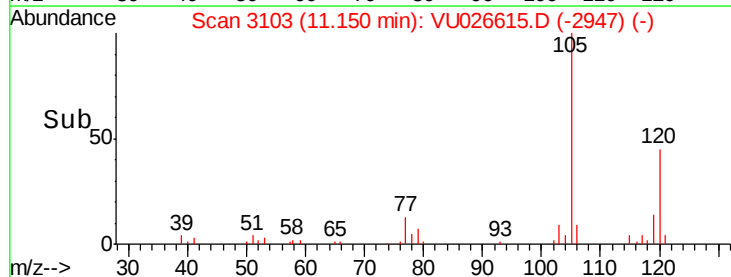


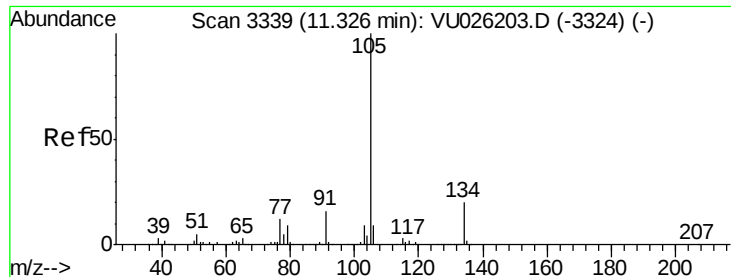
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





#79

sec-Butylbenzene

Concen: 1.65 ug/l

RT: 11.33 min Scan# 3158

Delta R.T. 0.00 min

Lab File: VU026615.D

Acq: 07 Sep 2018 11:31

Instrument :

MSVOA_U

ClientSampleId :

VU0907WBS01

Tot Ion: 105 Resp: 56340

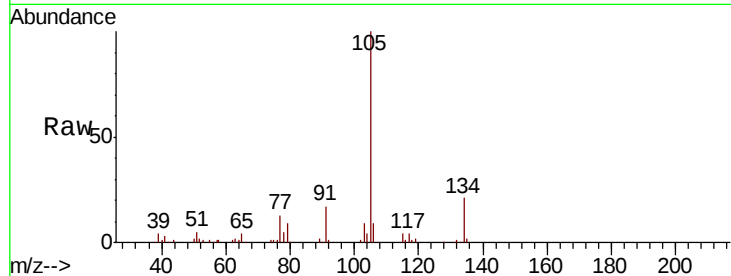
Ion Ratio Lower Upper

105 100

134 19.9 15.6 23.4

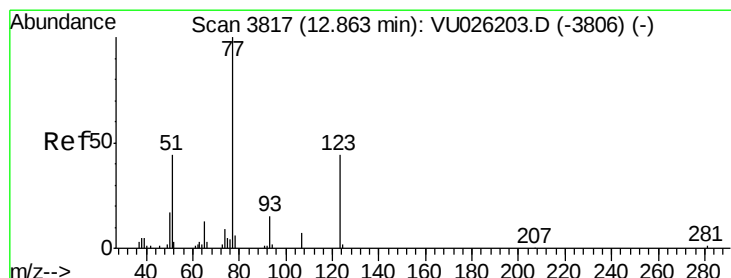
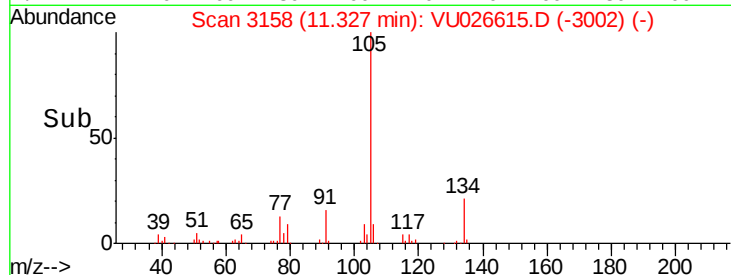
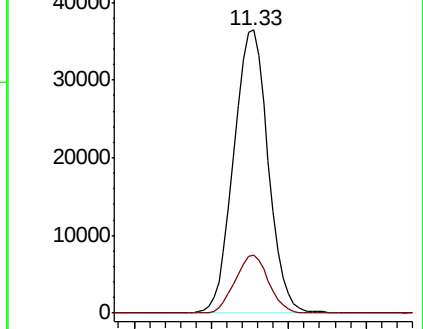
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 7.41 ug/l

RT: 12.86 min Scan# 3636

Delta R.T. 0.00 min

Lab File: VU026615.D

Acq: 07 Sep 2018 11:31

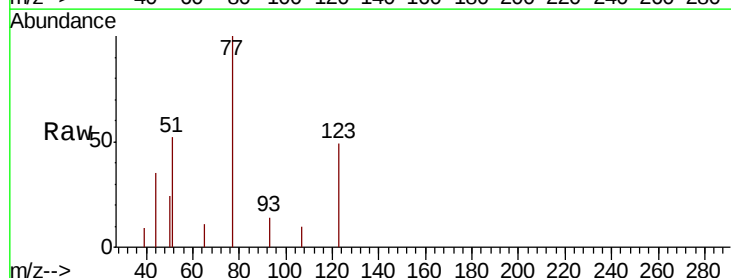
Tgt Ion: 77 Resp: 2115

Ion Ratio Lower Upper

77 100

123 49.1 19.4 68.6

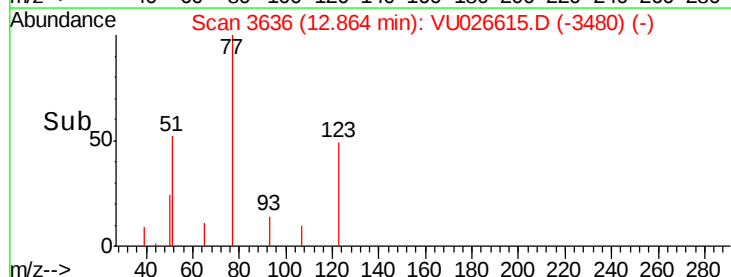
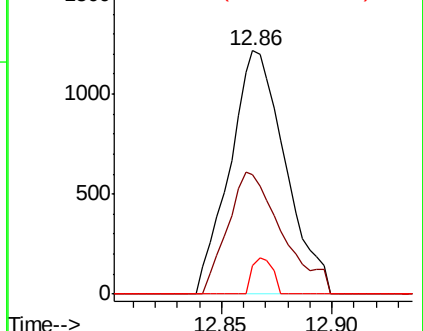
65 5.6 11.2 14.2#

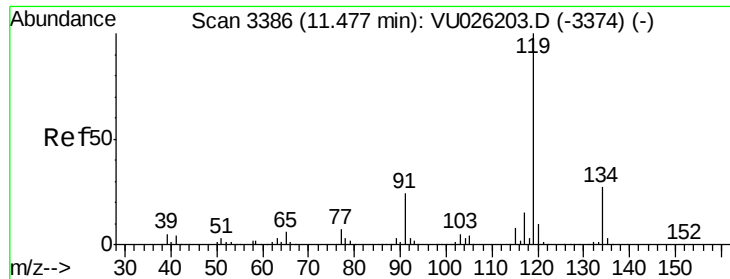


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0





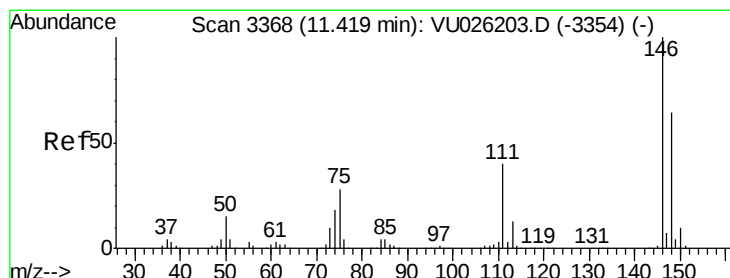
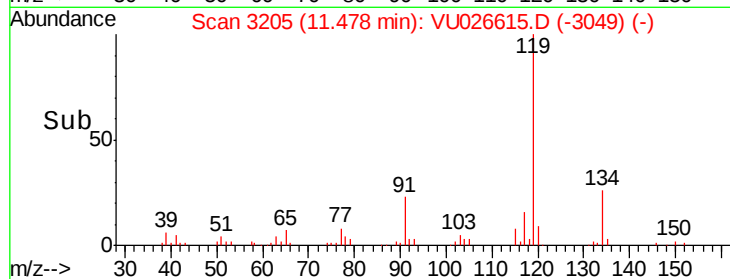
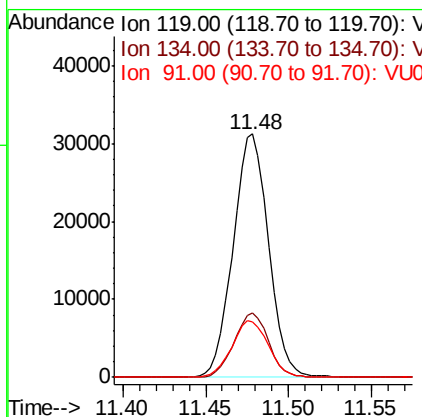
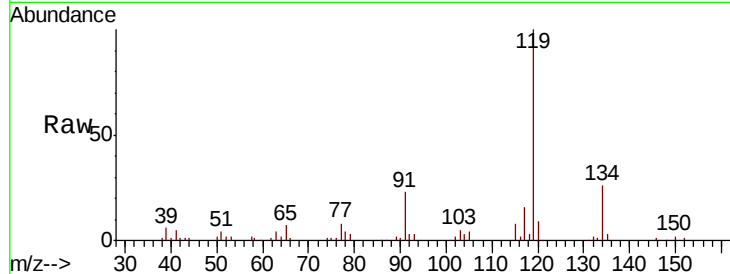
#81
 p-Isopropyltoluene
 Concen: 1.60 ug/l
 RT: 11.48 min Scan# 3205
 Delta R.T. 0.00 min
 Lab File: VU026615.D
 Acq: 07 Sep 2018 11:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0907WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.6	20.9	31.3
91	24.1	18.2	27.2

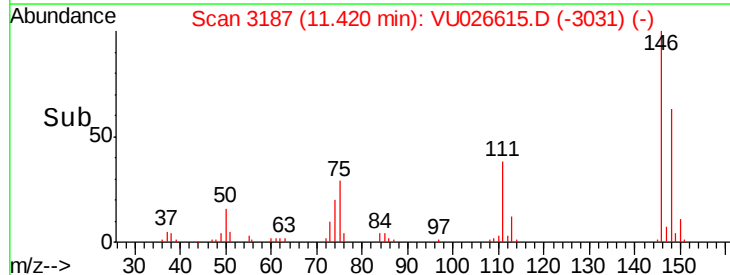
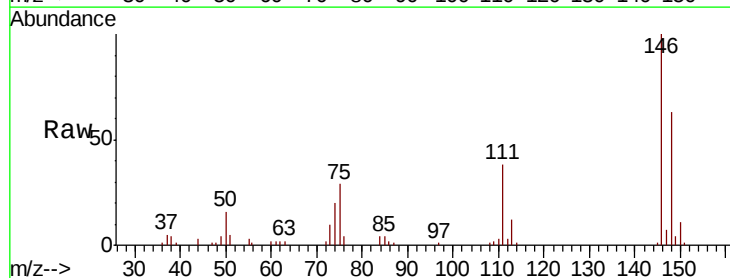
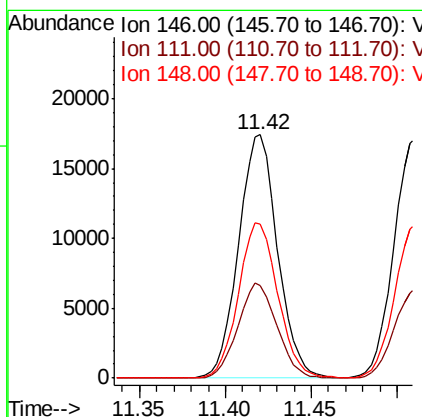
Manual Integrations
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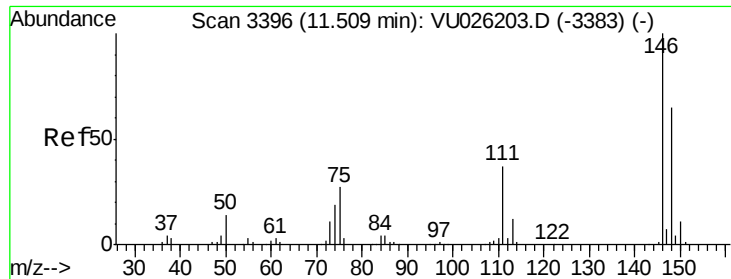
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#82
 1,3-Dichlorobenzene
 Concen: 1.57 ug/l
 RT: 11.42 min Scan# 3187
 Delta R.T. 0.00 min
 Lab File: VU026615.D
 Acq: 07 Sep 2018 11:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	31.8	47.6
148	64.5	51.0	76.4





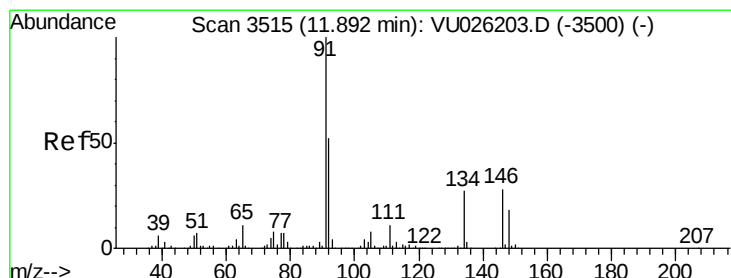
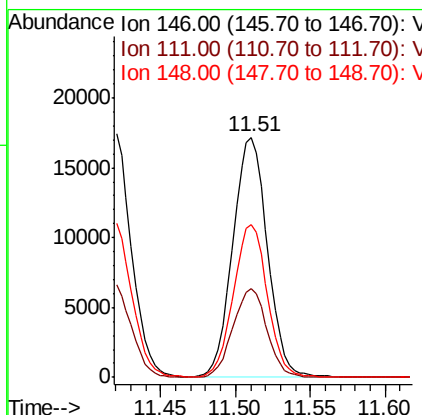
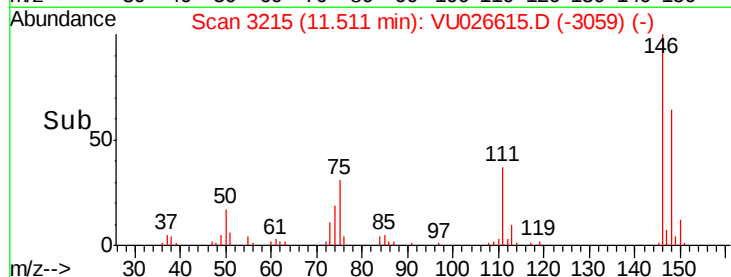
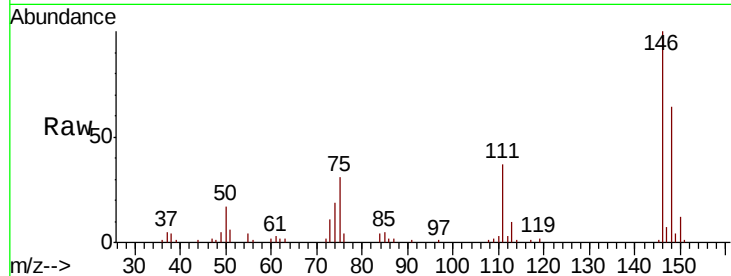
#83
 1,4-Dichlorobenzene
 Concen: 1.60 ug/l
 RT: 11.51 min Scan# 3215
 Delta R.T. 0.00 min
 Lab File: VU026615.D
 Acq: 07 Sep 2018 11:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0907WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.2	30.1	45.1
148	62.4	50.6	76.0

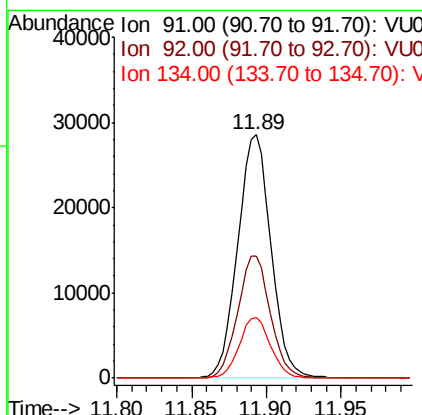
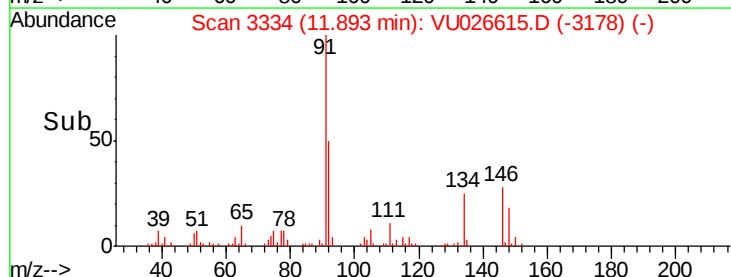
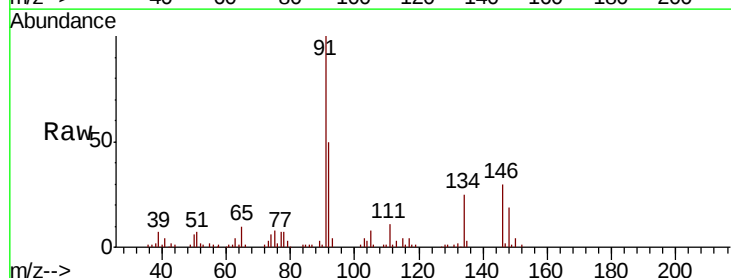
Manual Integrations
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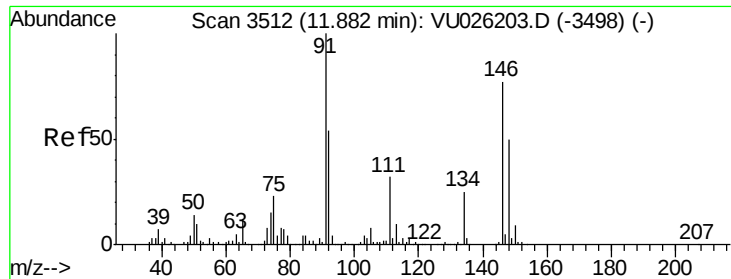
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#84
 n-Butylbenzene
 Concen: 1.58 ug/l
 RT: 11.89 min Scan# 3334
 Delta R.T. 0.00 min
 Lab File: VU026615.D
 Acq: 07 Sep 2018 11:31

Tgt Ion	Ratio	Lower	Upper
91	100		
92	49.1	42.2	63.2
134	23.4	20.3	30.5





#85

1,2-Dichlorobenzene

Concen: 1.60 ug/l

RT: 11.88 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VU026615.D

Acq: 07 Sep 2018 11:31

Instrument :

MSVOA_U

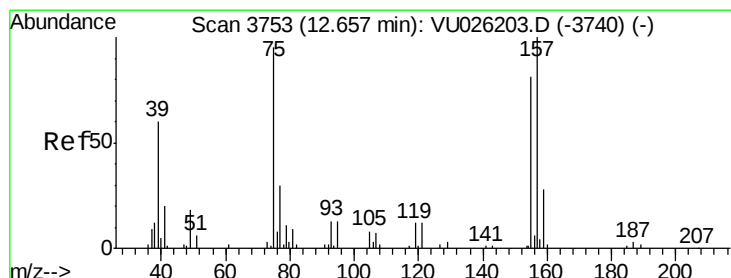
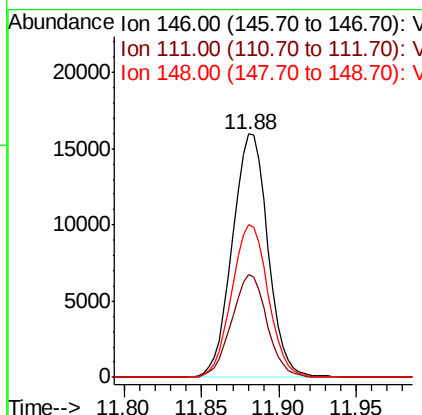
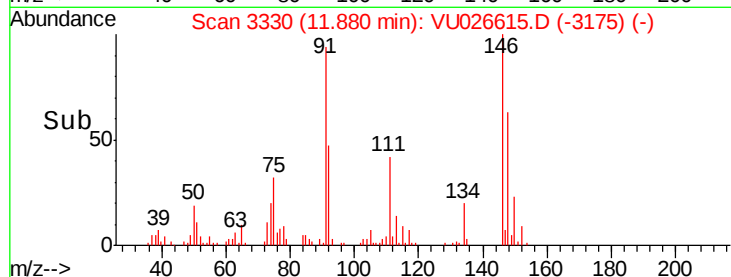
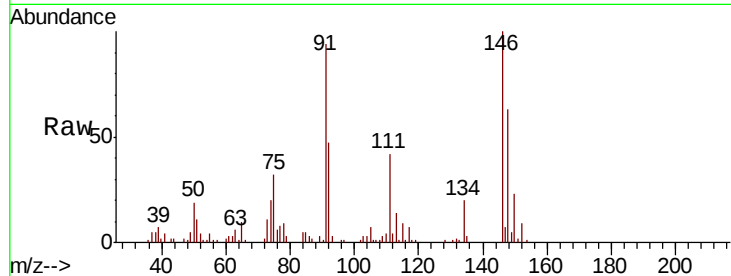
ClientSampleId :

VU0907WBS01

Tot Ion:	146	Resp:	25552
Ion Ratio	Lower	Upper	
146	100		
111	41.6	20.7	62.1
148	64.1	31.9	95.5

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#86

1,2-Dibromo-3-Chloropropane

Concen: 1.46 ug/l

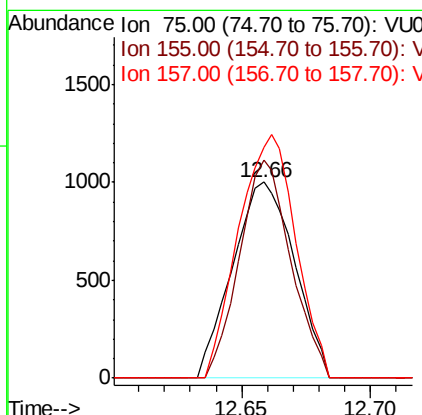
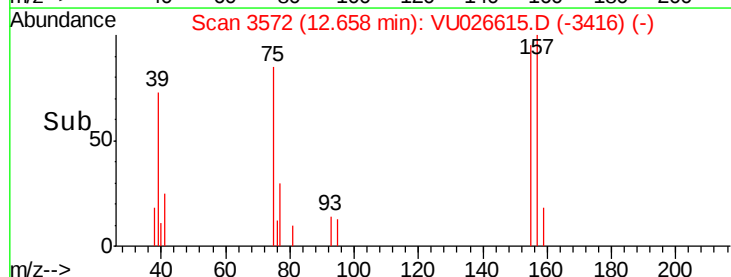
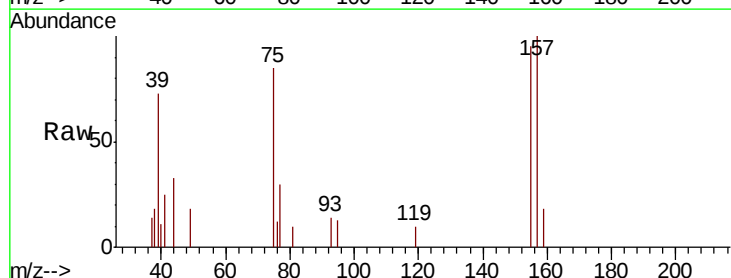
RT: 12.66 min Scan# 3572

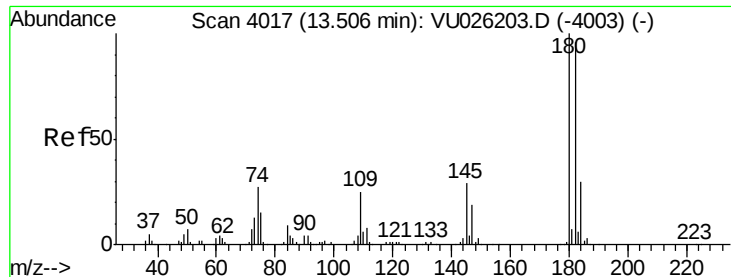
Delta R.T. 0.00 min

Lab File: VU026615.D

Acq: 07 Sep 2018 11:31

Tgt Ion:	75	Resp:	1681
Ion Ratio	Lower	Upper	
75	100		
155	92.1	65.8	98.6
157	114.2	83.5	125.3





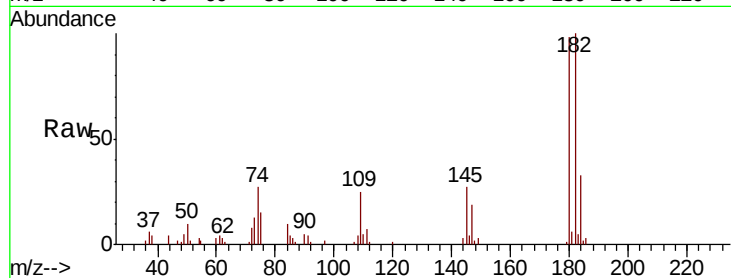
#87
 1,2,4-Trichlorobenzene
 Concen: 1.44 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. -0.00 min
 Lab File: VU026615.D
 Acq: 07 Sep 2018 11:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0907WBS01

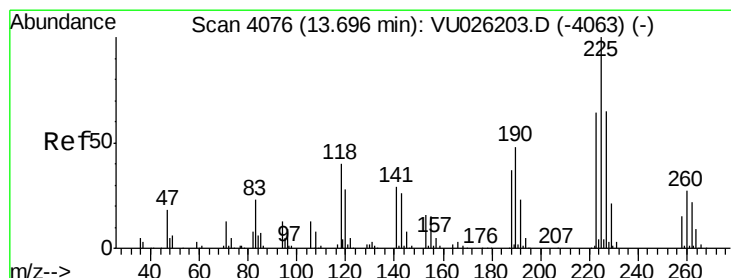
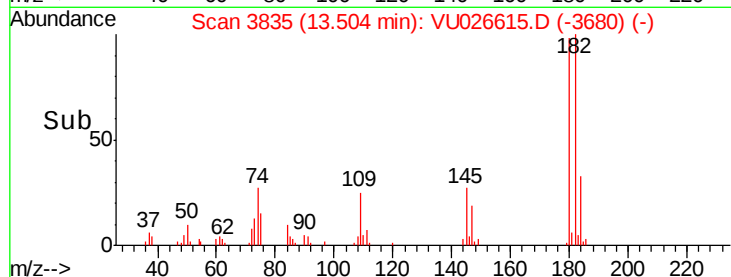
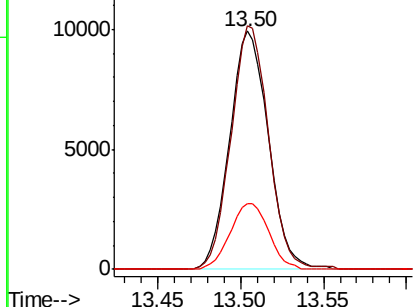
Tot Ion:	180	Resp:	16128
Ion Ratio	Lower	Upper	
180	100		
182	99.0	77.1	115.7
145	27.5	23.3	34.9

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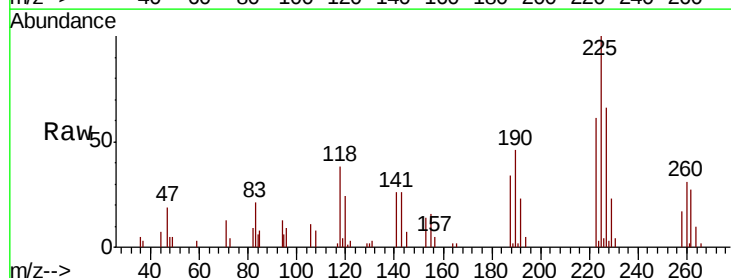


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

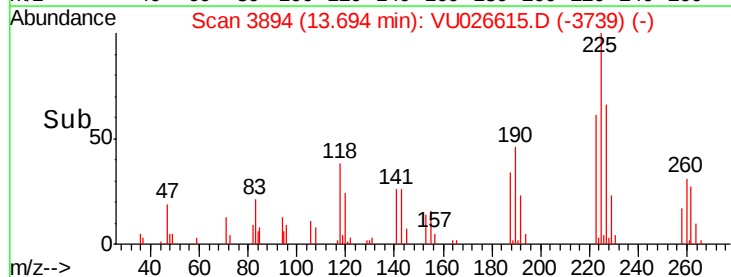
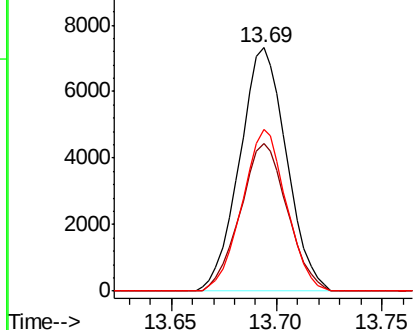


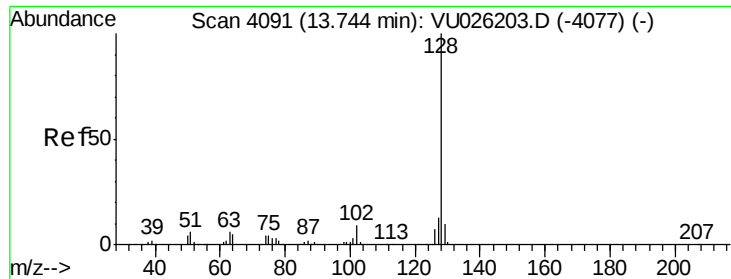
#88
 Hexachlorobutadiene
 Concen: 1.64 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. -0.00 min
 Lab File: VU026615.D
 Acq: 07 Sep 2018 11:31

Tgt Ion:	225	Resp:	11291
Ion Ratio	Lower	Upper	
225	100		
223	60.9	50.6	75.8
227	62.4	51.8	77.6



Abundance Ion 224.60 (224.30 to 225.30): V
 Ion 222.60 (222.30 to 223.30): V
 Ion 226.60 (226.30 to 227.30): V





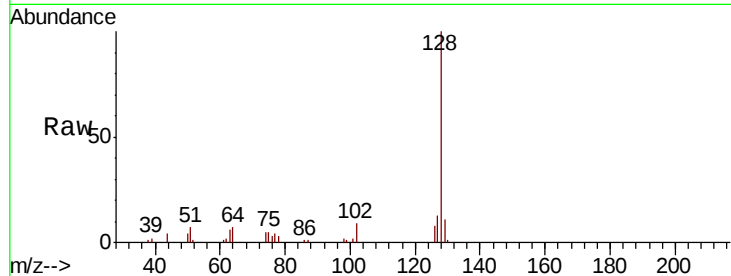
#89
Naphthalene
Concen: 1.37 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU026615.D
Acq: 07 Sep 2018 11:31

Instrument :
MSVOA_U
ClientSampleId :
VU0907WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.5	15.7
129	10.5	8.7	13.1

Manual Integrations
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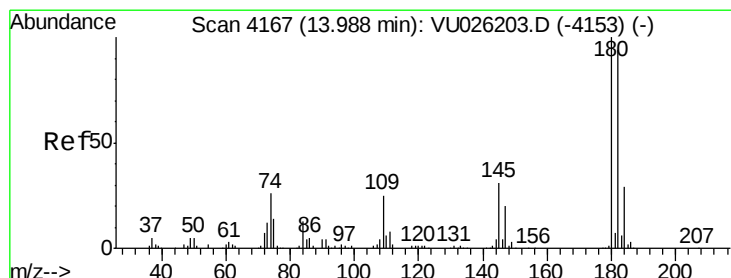
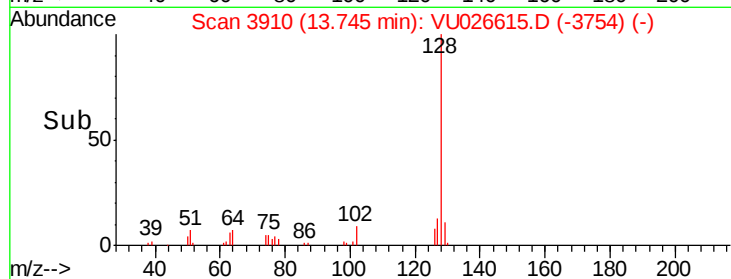
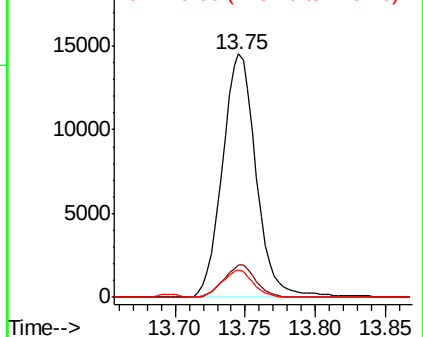


Abundance

Ion 128.00 (127.70 to 128.70): V

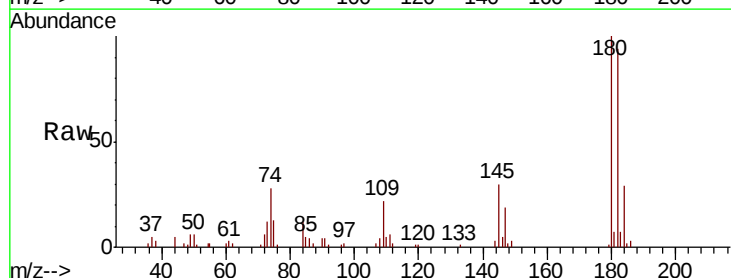
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#90
1,2,3-Trichlorobenzene
Concen: 1.52 ug/l
RT: 13.99 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VU026615.D
Acq: 07 Sep 2018 11:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.8	115.2
145	30.5	24.6	36.8



Abundance

Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

