

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080118\
 Data File : VU025763.D
 Acq On : 01 Aug 2018 09:47
 Operator : MD/SY
 Sample : VU0801WBS02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0801WBS02

Manual Integrations
 APPROVED

MMDadoda
 8/2/2018 9:41:19 AM

Quant Time: Aug 01 15:00:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 13:11:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	110787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	168983	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	165240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	101928	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	138633	80.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	160.62%	
35) Dibromofluoromethane	4.89	113	113936	77.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	155.04%	
50) Toluene-d8	7.57	98	401168	78.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	156.00%	
62) 4-Bromofluorobenzene	10.31	95	152176	76.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	152.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	56204	33.566	ug/l	96
3) Chloromethane	1.33	50	51914	32.437	ug/l	99
4) Vinyl Chloride	1.40	62	46486	30.864	ug/l	97
5) Bromomethane	1.63	94	24157	32.839	ug/l	98
6) Chloroethane	1.70	64	27584	31.321	ug/l	97
7) Trichlorofluoromethane	1.89	101	69515	31.923	ug/l	100
8) Diethyl Ether	2.10	74	24110	30.600	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.29	101	40416	32.071	ug/l	98
10) Methyl Iodide	2.41	142	34372	32.811	ug/l	100
11) Tert butyl alcohol	2.83	59	60743	160.727	ug/l	100
12) 1,1-Dichloroethene	2.28	96	36892	31.014	ug/l	94
13) Acrolein	2.19	56	29396	214.488	ug/l	94
14) Allyl chloride	2.59	41	65530	30.655	ug/l	98
15) Acrylonitrile	2.94	53	122011	161.697	ug/l	98
16) Acetone	2.32	43	126807	150.676	ug/l	99
17) Carbon Disulfide	2.48	76	112133	29.127	ug/l	99
18) Methyl Acetate	2.62	43	73694	36.381	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	141121	32.738	ug/l	100
20) Methylene Chloride	2.70	84	45872	30.756	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	43409	31.568	ug/l	97
22) Diisopropyl ether	3.57	45	137227	32.576	ug/l	95
23) Vinyl Acetate	3.53	43	571666	155.721	ug/l	100
24) 1,1-Dichloroethane	3.45	63	82879	32.775	ug/l	99
25) 2-Butanone	4.27	43	179733	156.886	ug/l	99
26) 2,2-Dichloropropane	4.23	77	75177	32.708	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	49015	31.616	ug/l	98
28) Bromochloromethane	4.55	49	35921	31.771	ug/l	97
29) Tetrahydrofuran	4.64	42	109681	159.801	ug/l	99
30) Chloroform	4.68	83	84743	31.749	ug/l	99
31) Cyclohexane	5.00	56	68850	30.781	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	77206	32.128	ug/l	98
36) 1,1-Dichloropropene	5.14	75	61343	31.062	ug/l	99
37) Ethyl Acetate	4.38	43	62654	30.597	ug/l	98
38) Carbon Tetrachloride	5.14	117	69664	31.144	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	68339	30.202	ug/l	97
40) Benzene	5.39	78	179327	31.065	ug/l	99
41) Methacrylonitrile	4.54	41	35145	30.901	ug/l	96
42) 1,2-Dichloroethane	5.41	62	69182	31.124	ug/l	100
43) Isopropyl Acetate	5.55	43	106077	31.349	ug/l	100
44) Trichloroethene	6.19	130	49669	30.897	ug/l	97
45) 1,2-Dichloropropane	6.44	63	47701	31.685	ug/l	99
46) Dibromomethane	6.56	93	34320	31.461	ug/l	98
47) Bromodichloromethane	6.76	83	65682	31.565	ug/l	98
48) Methyl methacrylate	6.63	41	52638	31.739	ug/l	98
49) 1,4-Dioxane	6.62	88	26014	644.583	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	333741	157.538	ug/l	99
52) Toluene	7.64	92	112174	31.279	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	72633	31.088	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	76324	31.802	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	47435	31.828	ug/l	98
56) Ethyl methacrylate	8.02	69	64793	30.428	ug/l	98
57) 1,3-Dichloropropane	8.25	76	78596	31.359	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	123542	131.569	ug/l	100
59) 2-Hexanone	8.36	43	256535	154.481	ug/l	100
60) Dibromochloromethane	8.48	129	53137	30.234	ug/l	99
61) 1,2-Dibromoethane	8.59	107	51690	31.186	ug/l	99
64) Tetrachloroethene	8.23	164	44038	30.278	ug/l	98
65) Chlorobenzene	9.12	112	129422	30.379	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	48001	31.146	ug/l	98
67) Ethyl Benzene	9.25	91	212894	30.168	ug/l	100
68) m/p-Xylenes	9.38	106	169291	62.486	ug/l	99
69) o-Xylene	9.78	106	81995	30.966	ug/l	98
70) Styrene	9.80	104	129297	30.231	ug/l	98
71) Bromoform	9.96	173	41114	30.766	ug/l #	98
73) Isopropylbenzene	10.17	105	220556	31.704	ug/l	99
74) N-amyl acetate	10.01	43	89643	31.564	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	75931	31.562	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	63720m	28.373	ug/l	
77) Bromobenzene	10.45	156	58688	30.585	ug/l	98
78) n-propylbenzene	10.59	91	250825	30.891	ug/l	99
79) 2-Chlorotoluene	10.66	91	151090	31.769	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	189301	32.040	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	23607m	26.358	ug/l	
82) 4-Chlorotoluene	10.77	91	175762	31.352	ug/l	99
83) tert-Butylbenzene	11.10	119	185647	31.625	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	194298	32.452	ug/l	99
85) sec-Butylbenzene	11.33	105	222835	31.092	ug/l	99
86) p-Isopropyltoluene	11.48	119	197947	30.845	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	107196	30.096	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	109514	29.496	ug/l	100
89) n-Butylbenzene	11.89	91	167203	28.234	ug/l	98
90) Hexachloroethane	12.15	117	34245	30.013	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	106229	30.428	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	17854	31.304	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	68654	29.136	ug/l	99
94) Hexachlorobutadiene	13.69	225	33585	27.039	ug/l	96
95) Naphthalene	13.75	128	205964	27.783	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	69048	29.376	ug/l	99

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

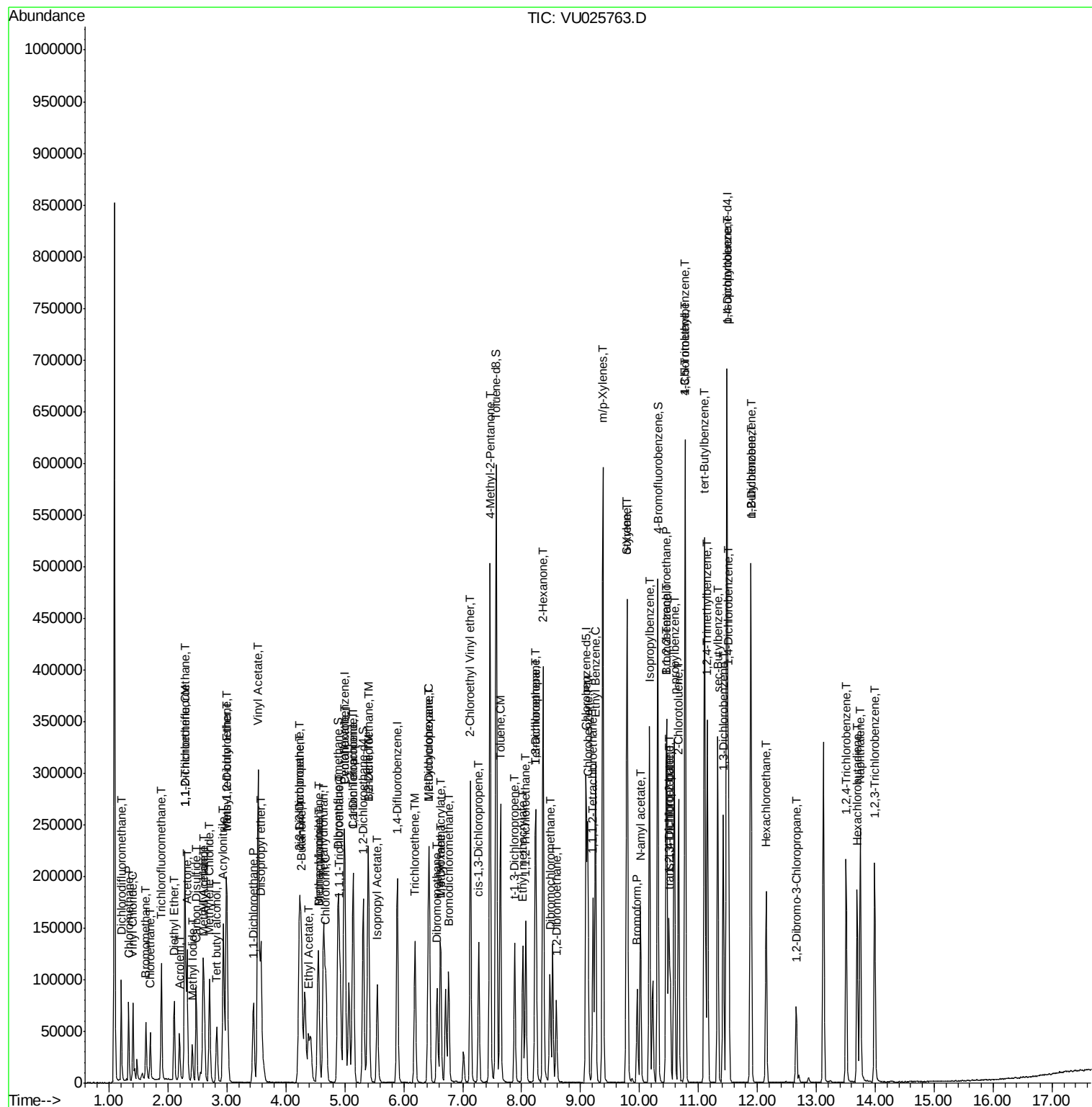
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Data File : VU025763.D
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Operator : MD/SY
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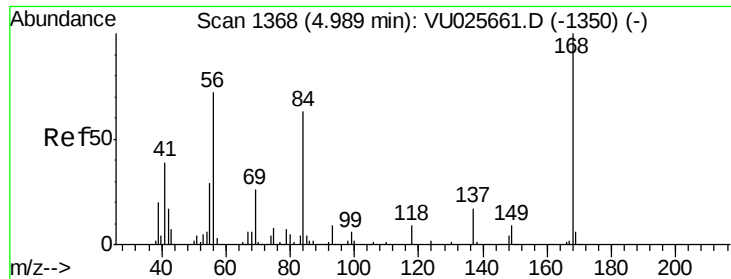
Instrument :
MSVOA_U
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025763.D

Acq: 01 Aug 2018 09:47

Instrument :

MSVOA_U

ClientSampleId :

VU0801WBS02

Tot Ion:168 Resp: 110787

Ion Ratio Lower Upper

168 100

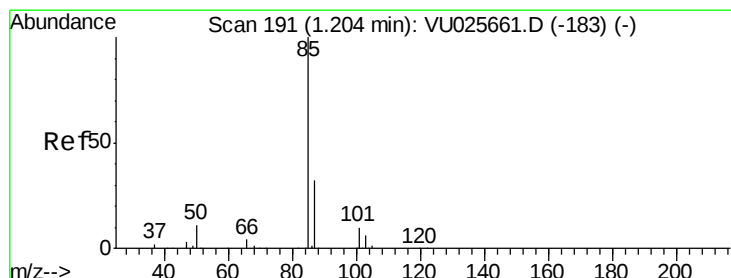
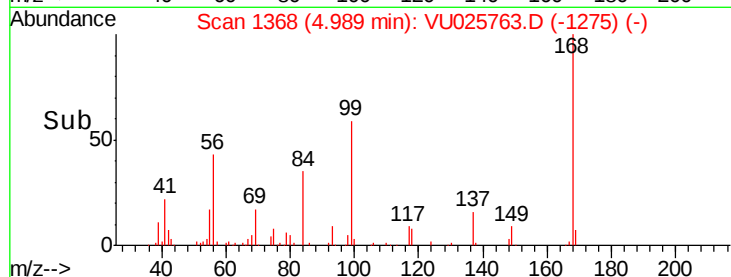
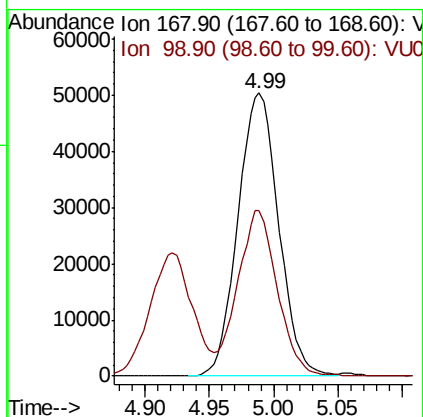
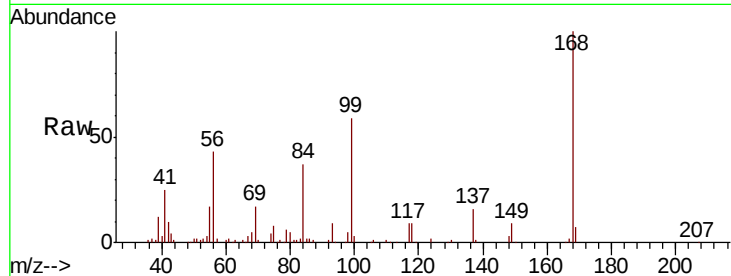
99 58.2 42.8 64.2

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 33.566 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU025763.D

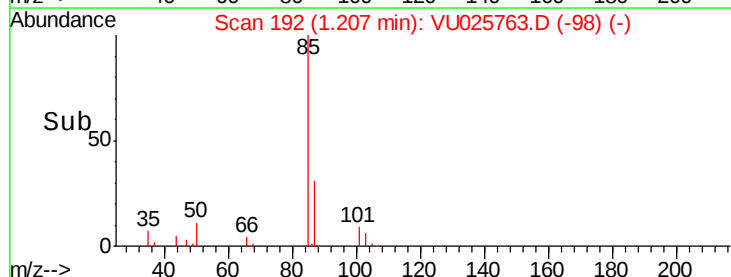
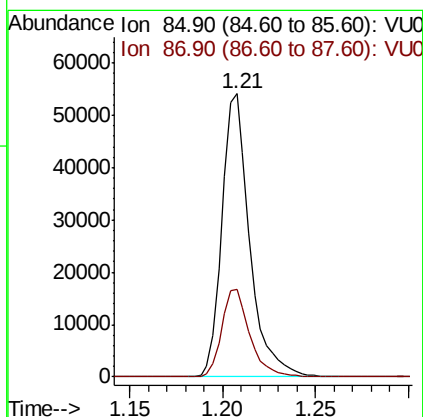
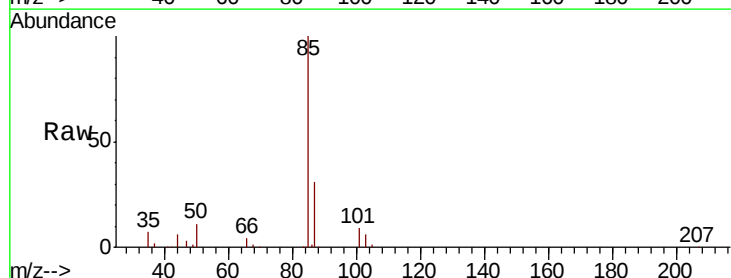
Acq: 01 Aug 2018 09:47

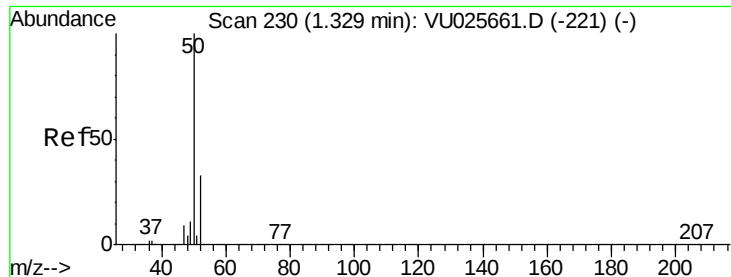
Tgt Ion: 85 Resp: 56204

Ion Ratio Lower Upper

85 100

87 31.0 16.5 49.5





#3

Chloromethane

Concen: 32.437 ug/l

RT: 1.33 min Scan# 231

Delta R.T. 0.00 min

Lab File: VU025763.D

Acq: 01 Aug 2018 09:47

Instrument :

MSVOA_U

ClientSampleId :

VU0801WBS02

Tot Ion: 50 Resp: 51914

Ion Ratio Lower Upper

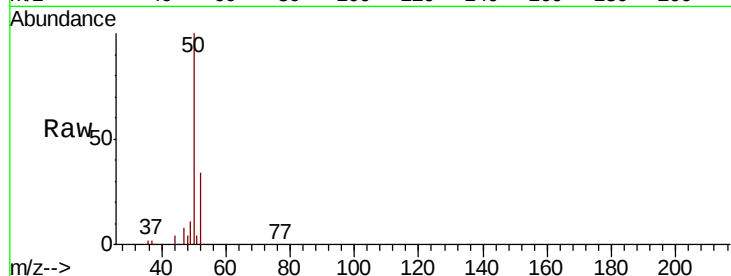
50 100

52 33.5 26.5 39.7

Manual Integrations
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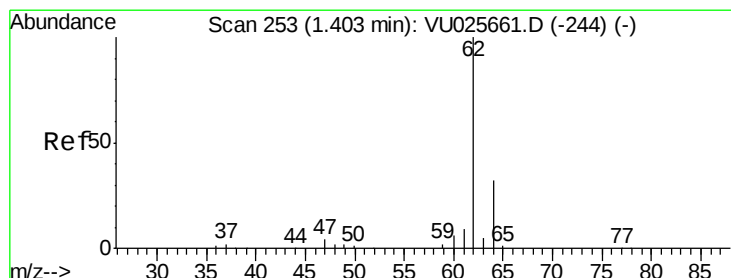
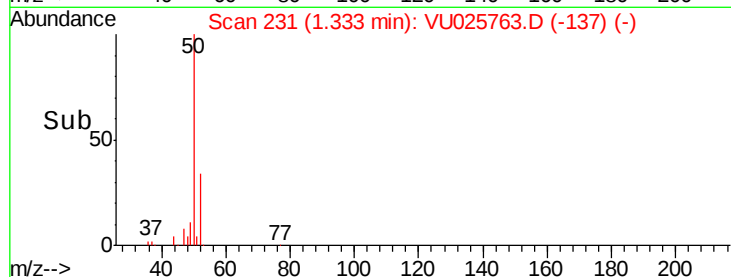
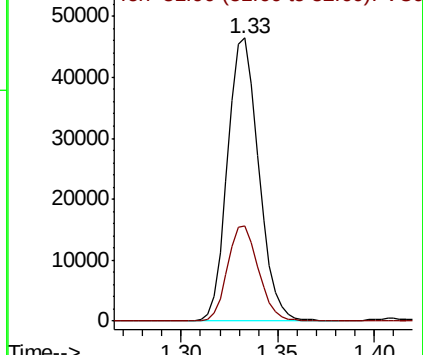
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Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 30.864 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025763.D

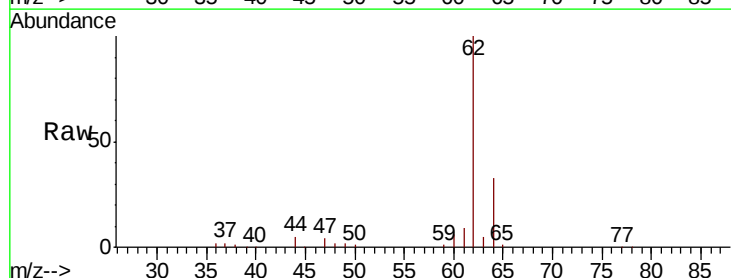
Acq: 01 Aug 2018 09:47

Tgt Ion: 62 Resp: 46486

Ion Ratio Lower Upper

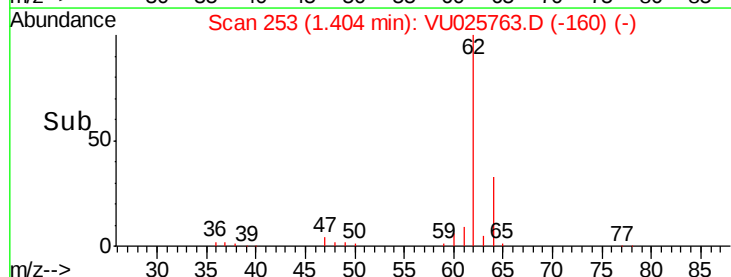
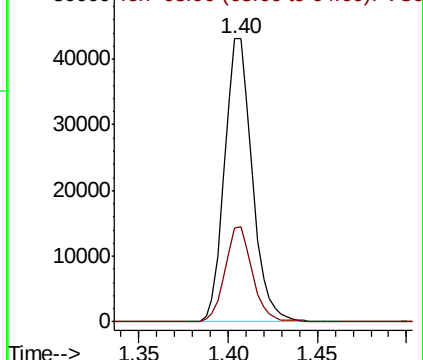
62 100

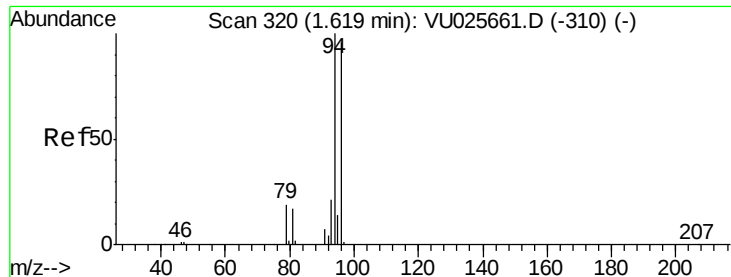
64 33.3 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 32.839 ug/l

RT: 1.63 min Scan# 322

Delta R.T. 0.01 min

Lab File: VU025763.D

Acq: 01 Aug 2018 09:47

Instrument :

MSVOA_U

ClientSampleId :

VU0801WBS02

Tot Ion: 94 Resp: 24157

Ion Ratio Lower Upper

94 100

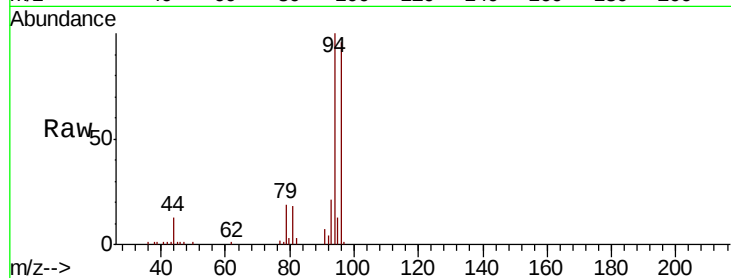
96 95.6 75.0 112.4

Manual Integrations

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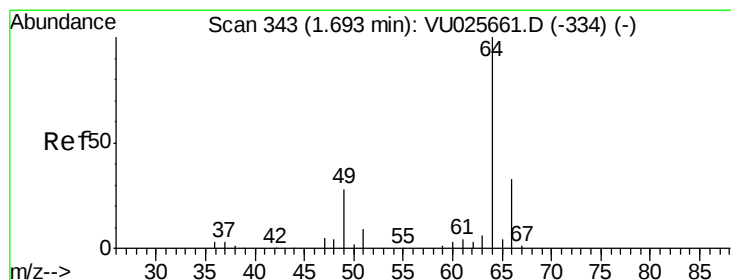
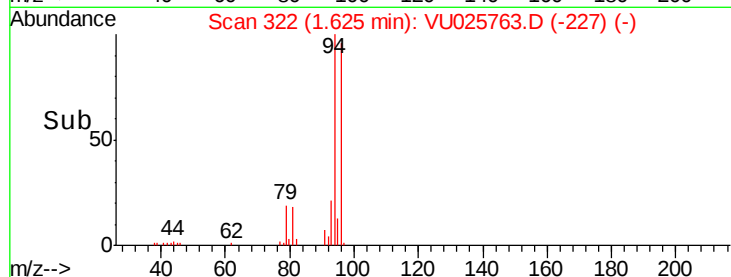
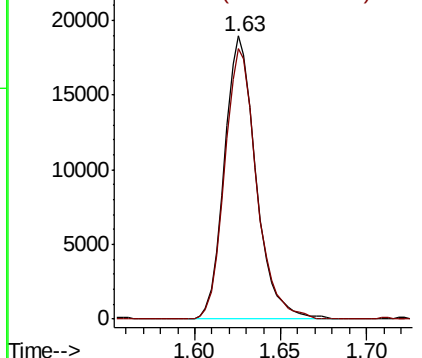
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Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 31.321 ug/l

RT: 1.70 min Scan# 345

Delta R.T. 0.01 min

Lab File: VU025763.D

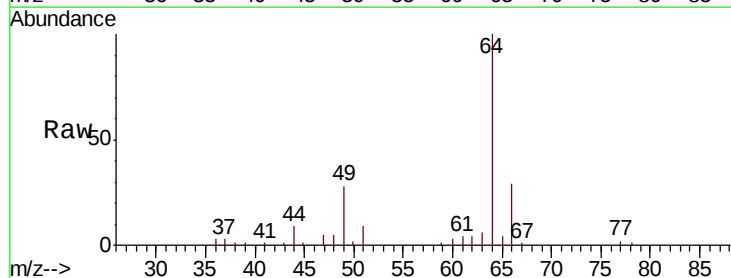
Acq: 01 Aug 2018 09:47

Tgt Ion: 64 Resp: 27584

Ion Ratio Lower Upper

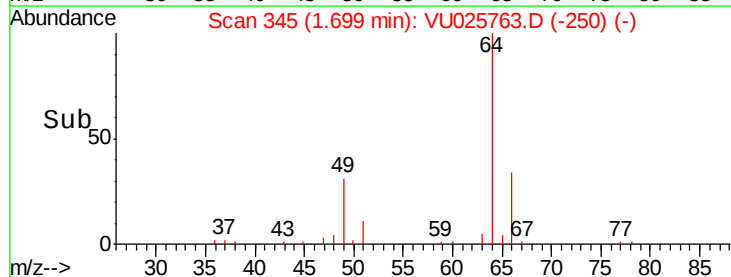
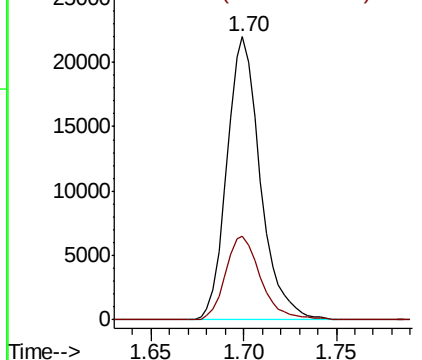
64 100

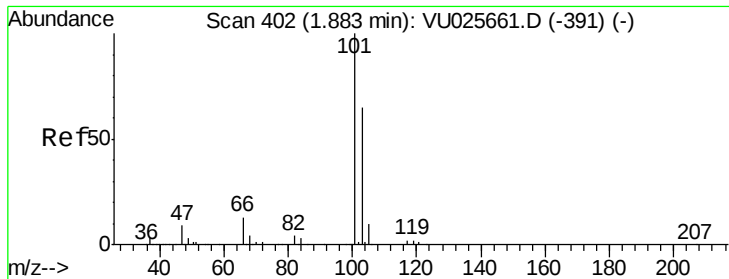
66 29.4 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0





#7

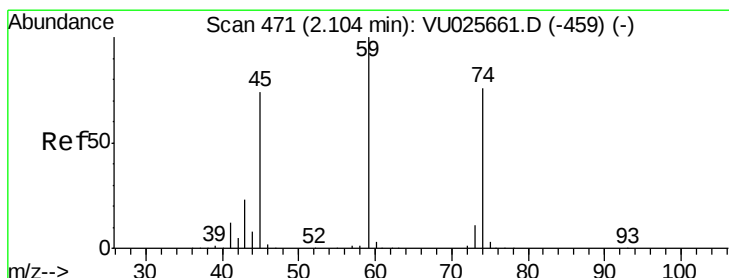
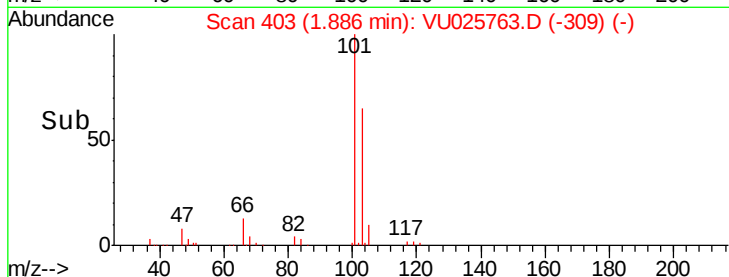
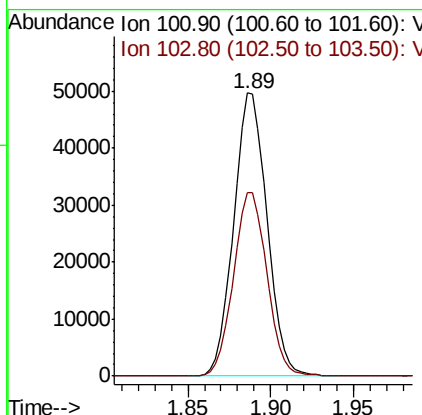
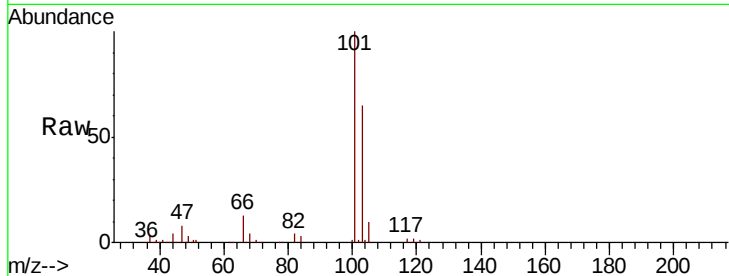
Trichlorofluoromethane
 Concen: 31.923 ug/l
 RT: 1.89 min Scan# 403
 Delta R.T. 0.00 min
 Lab File: VU025763.D
 Acq: 01 Aug 2018 09:47

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	52.2	78.2

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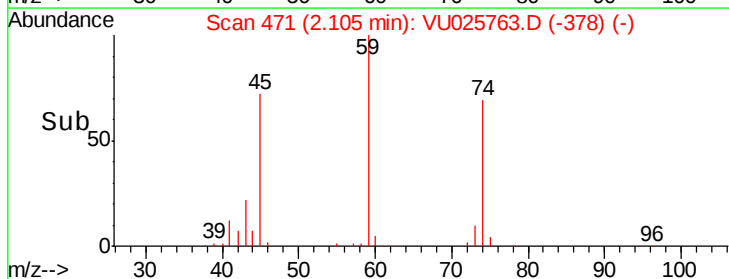
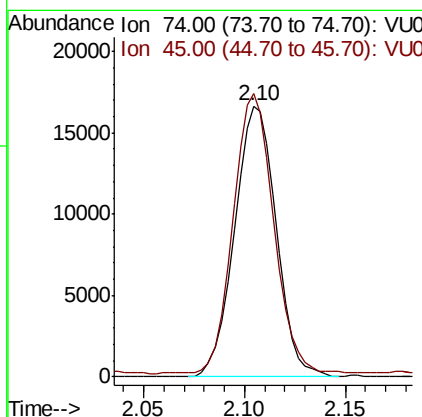
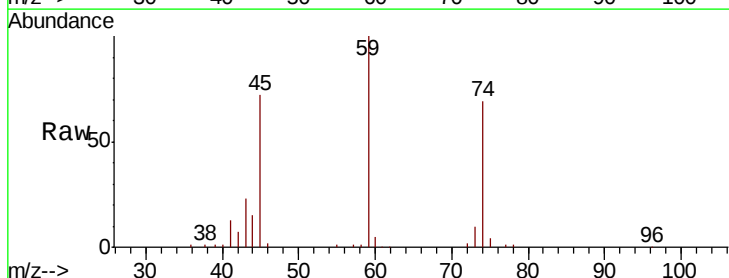
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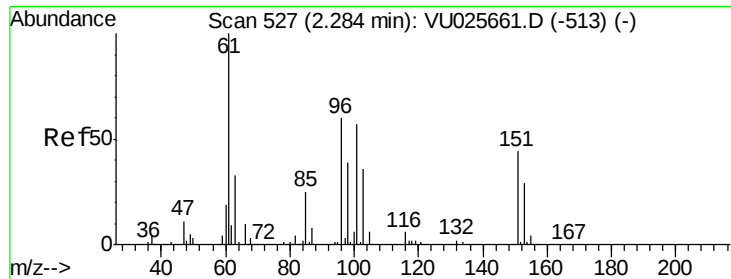


#8

Diethyl Ether
 Concen: 30.600 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU025763.D
 Acq: 01 Aug 2018 09:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.9	48.3	144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 32.071 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025763.D

Acq: 01 Aug 2018 09:47

Instrument :

MSVOA_U

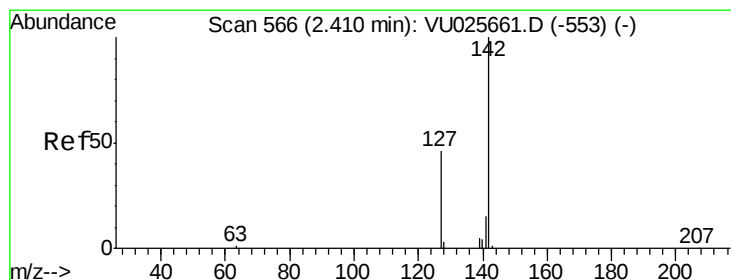
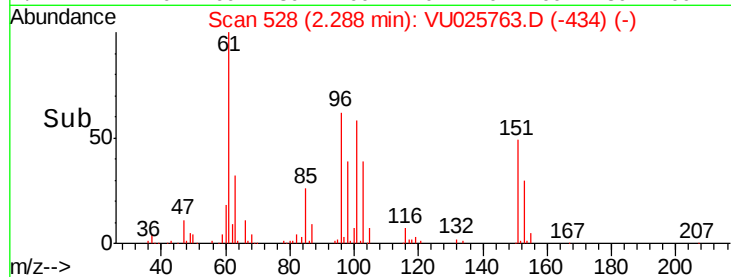
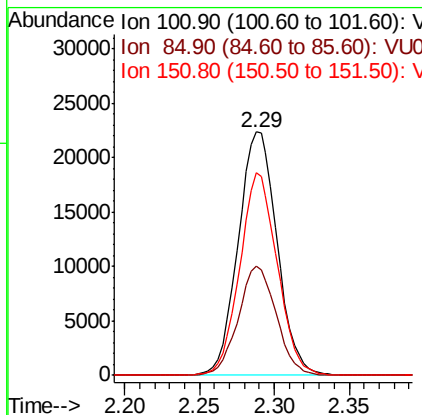
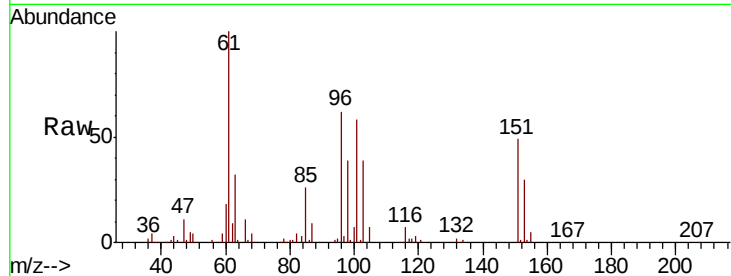
ClientSampleId :

VU0801WBS02

Tot Ion:	101	Resp:	40416
Ion Ratio	Lower	Upper	
101	100		
85	43.6	36.0	54.0
151	80.2	65.6	98.4

Manual Integrations
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#10

Methyl Iodide

Concen: 32.811 ug/l

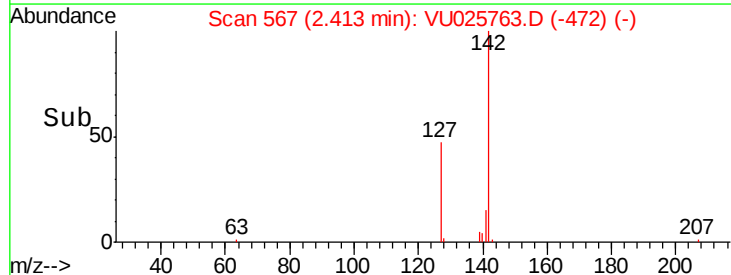
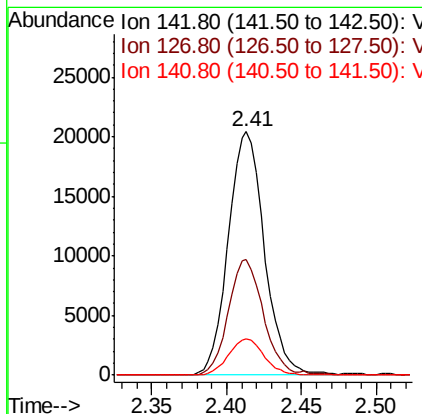
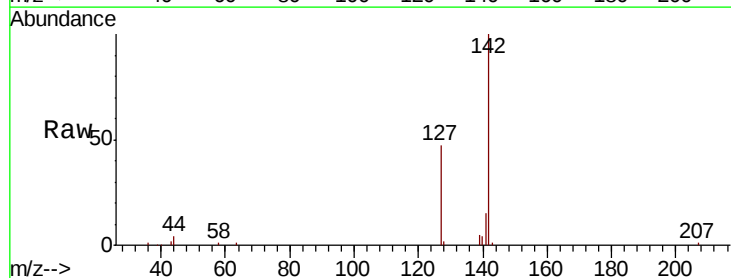
RT: 2.41 min Scan# 567

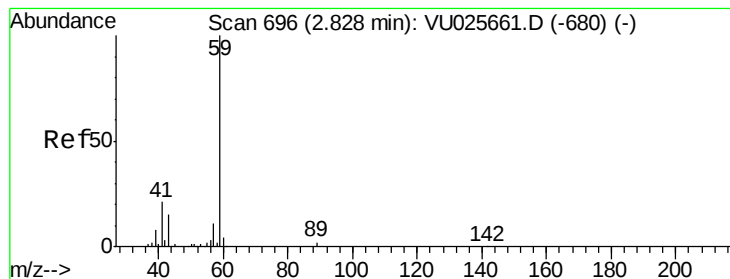
Delta R.T. 0.00 min

Lab File: VU025763.D

Acq: 01 Aug 2018 09:47

Tgt Ion:	142	Resp:	34372
Ion Ratio	Lower	Upper	
142	100		
127	45.7	36.5	54.7
141	14.5	11.4	17.2





#11

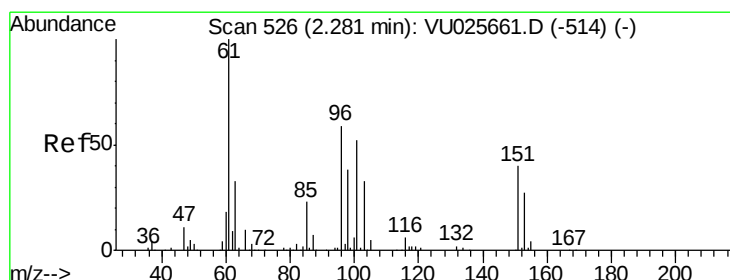
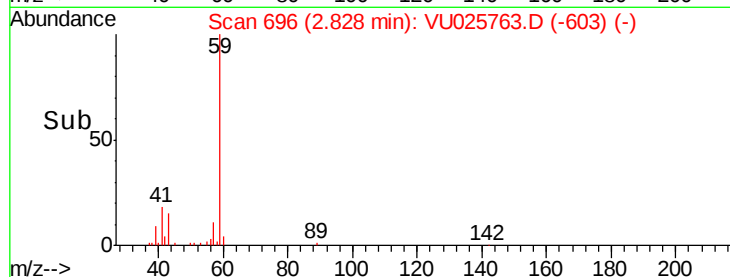
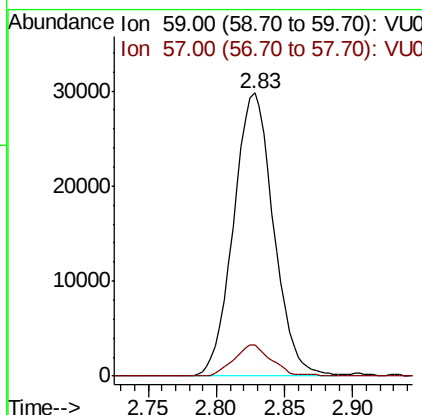
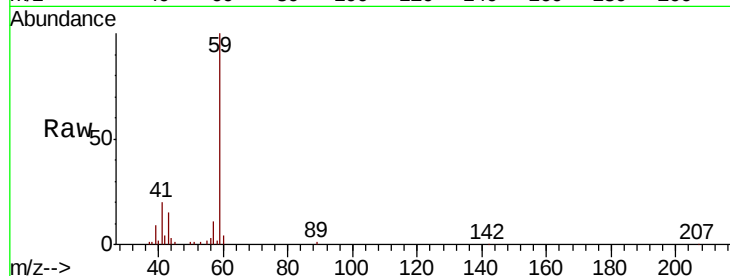
Tert butyl alcohol
 Concen: 160.727 ug/l
 RT: 2.83 min Scan# 696
 Delta R.T. 0.00 min
 Lab File: VU025763.D
 Acq: 01 Aug 2018 09:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0801WBS02

Tot Ion	59	Resp	60743
Ion Ratio	100	Lower	Upper
57	10.3	8.2	12.2

Manual Integrations
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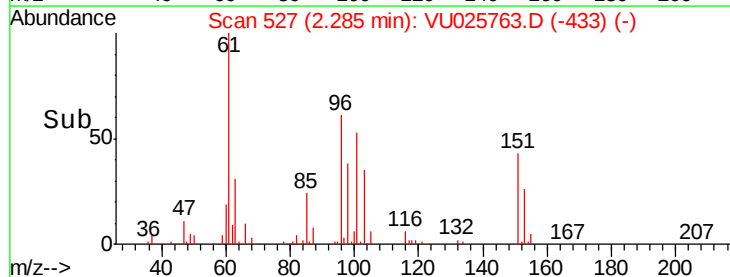
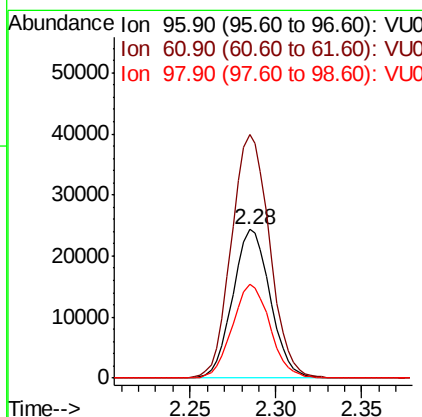
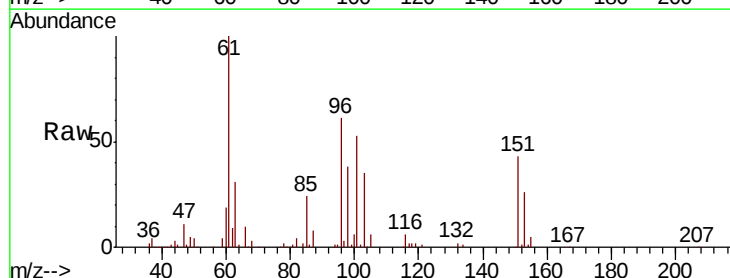
MMDadoda
 8/2/2018 9:41:19 AM

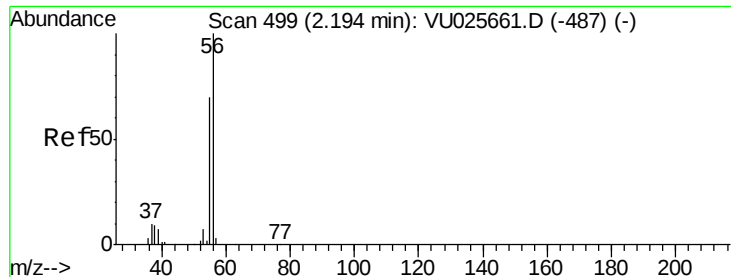


#12

1,1-Dichloroethene
 Concen: 31.014 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: VU025763.D
 Acq: 01 Aug 2018 09:47

Tgt Ion	96	Resp	36892
Ion Ratio	100	Lower	Upper
61	164.2	140.2	210.4
98	63.0	49.3	73.9





#13

Acrolein

Concen: 214.488 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU025763.D

Acq: 01 Aug 2018 09:47

Instrument :

MSVOA_U

ClientSampleId :

VU0801WBS02

Tot Ion: 56 Resp: 29396

Ion Ratio Lower Upper

56 100

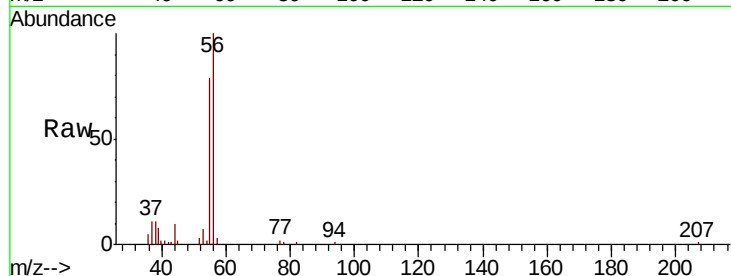
55 76.3 57.2 85.8

Manual Integrations

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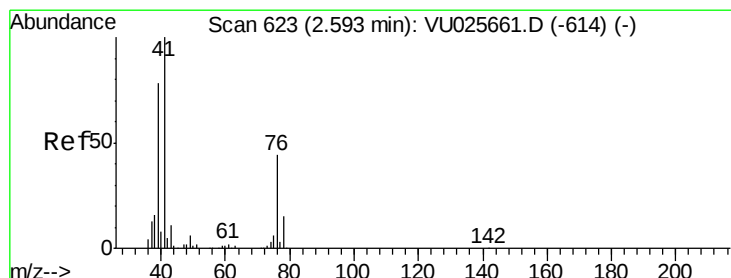
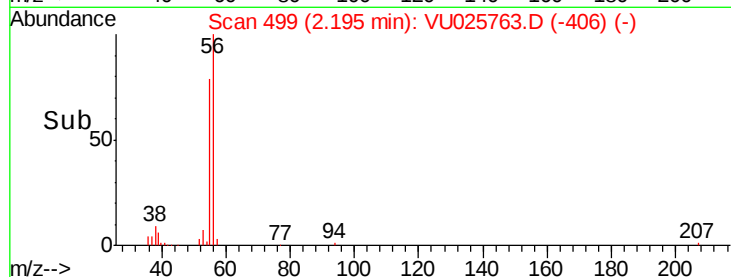
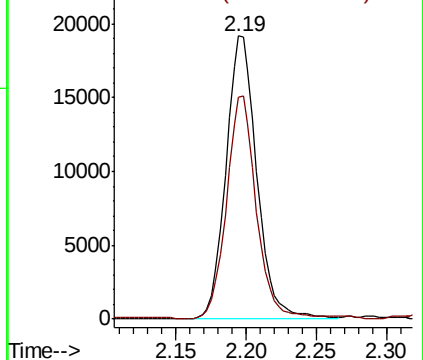
MMDadoda

8/2/2018 9:41:19 AM



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 30.655 ug/l

RT: 2.59 min Scan# 623

Delta R.T. 0.00 min

Lab File: VU025763.D

Acq: 01 Aug 2018 09:47

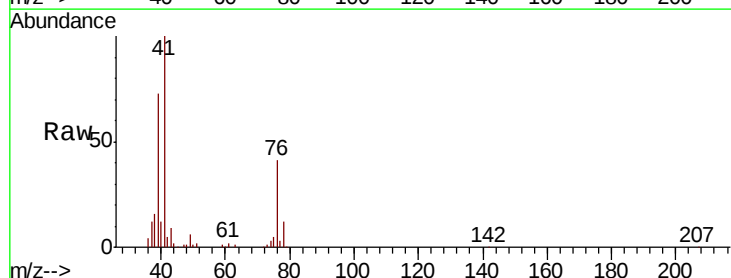
Tgt Ion: 41 Resp: 65530

Ion Ratio Lower Upper

41 100

39 73.9 60.6 91.0

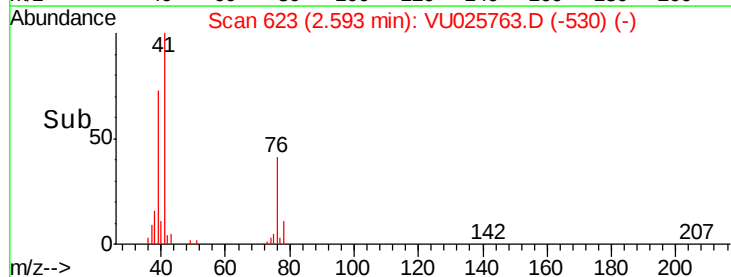
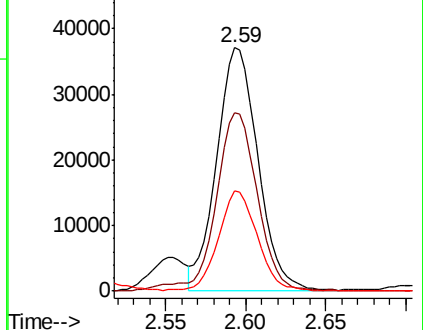
76 38.8 30.5 45.7



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 161.697 ug/l

RT: 2.94 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU025763.D

Acq: 01 Aug 2018 09:47

Instrument :

MSVOA_U

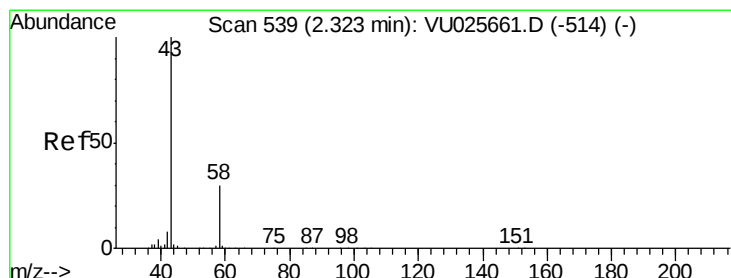
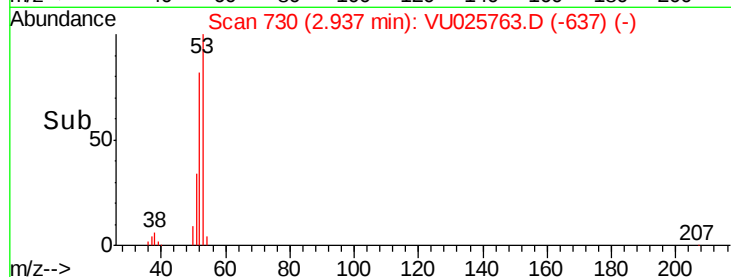
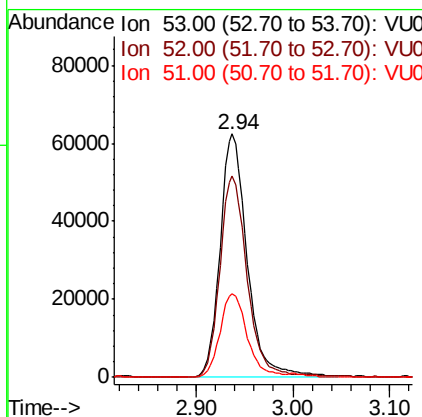
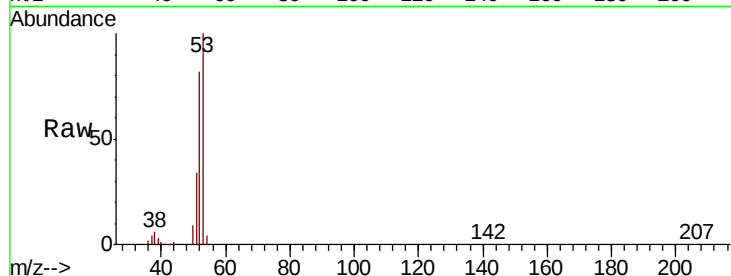
ClientSampleId :

VU0801WBS02

Tot Ion	53	Resp	122011
Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.6	99.8
51	34.5	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 150.676 ug/l

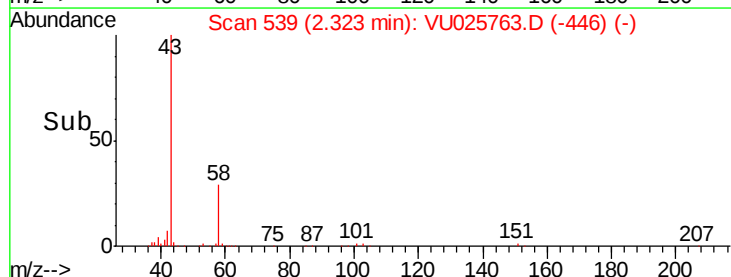
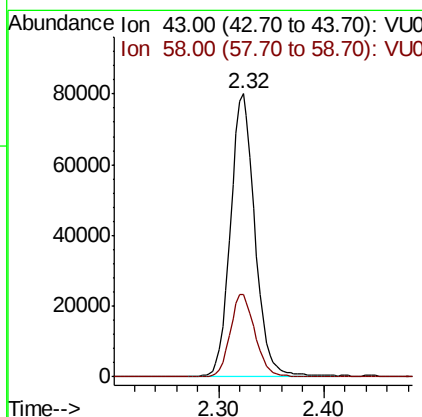
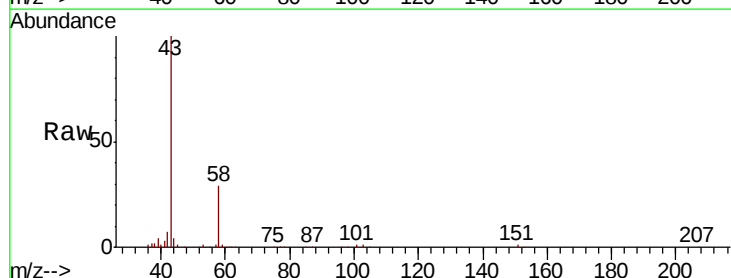
RT: 2.32 min Scan# 539

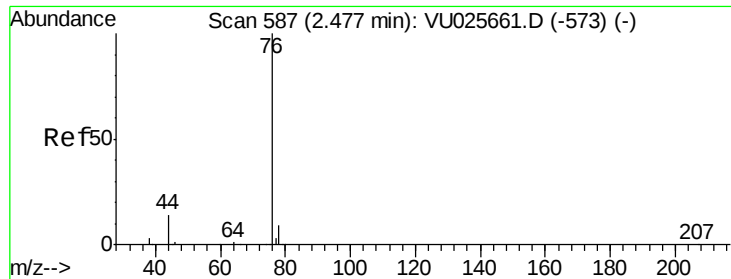
Delta R.T. 0.00 min

Lab File: VU025763.D

Acq: 01 Aug 2018 09:47

Tgt Ion	43	Resp	126807
Ion	Ratio	Lower	Upper
43	100		
58	29.3	23.1	34.7





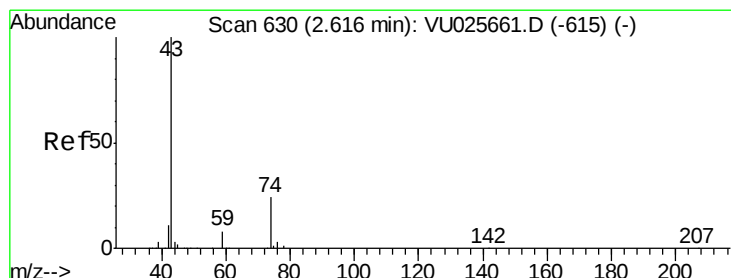
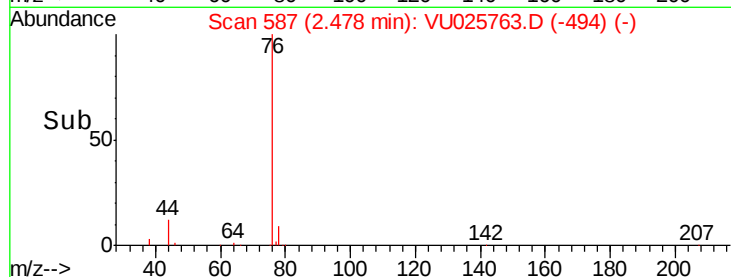
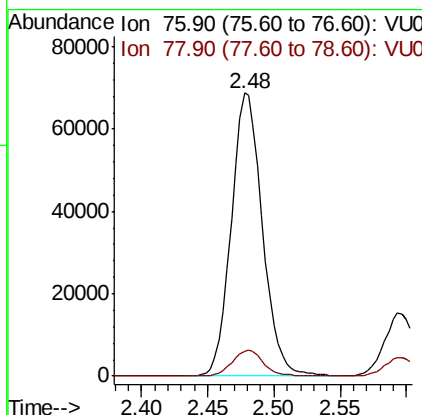
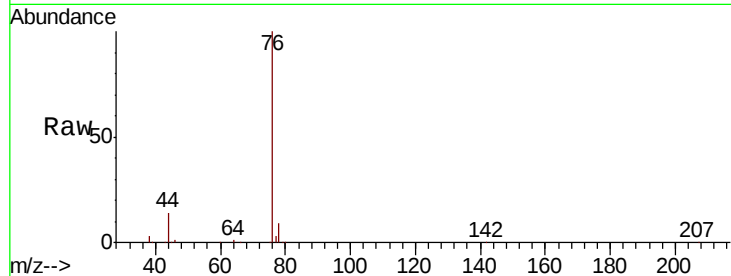
#17
Carbon Disulfide
Concen: 29.127 ug/l
RT: 2.48 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU025763.D
Acq: 01 Aug 2018 09:47

Instrument :
MSVOA_U
ClientSampleId :
VU0801WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.2

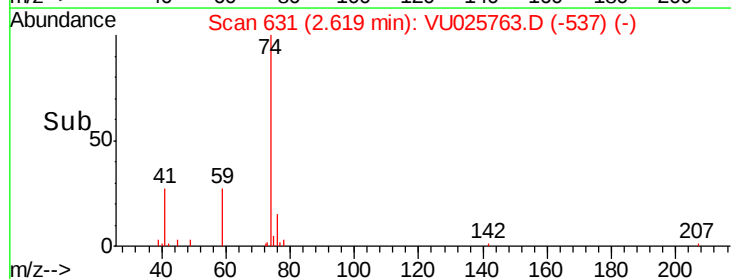
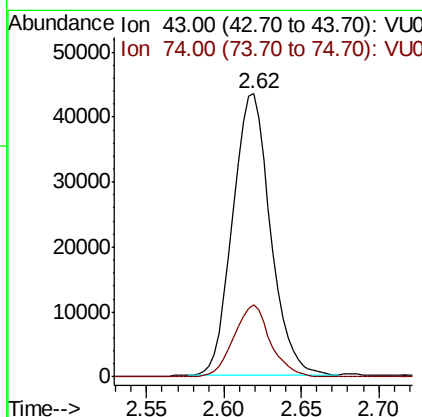
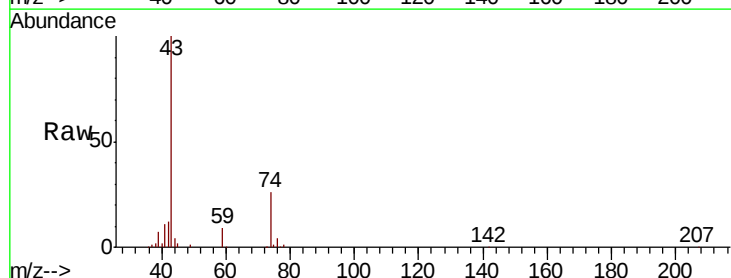
Manual Integrations
APPROVED

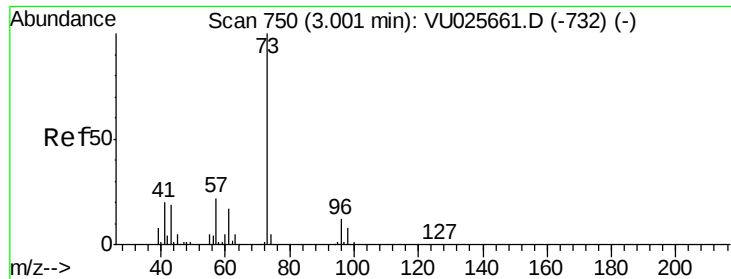
MMDadoda
8/2/2018 9:41:19 AM



#18
Methyl Acetate
Concen: 36.381 ug/l
RT: 2.62 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU025763.D
Acq: 01 Aug 2018 09:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.5	18.5	27.7





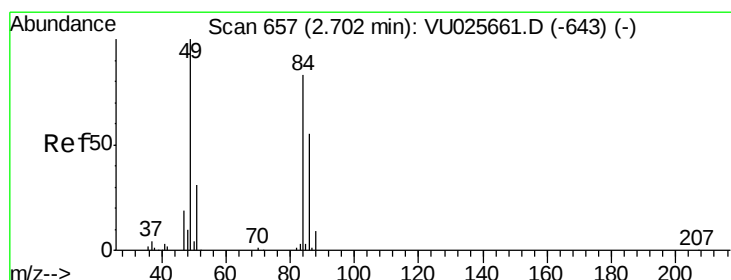
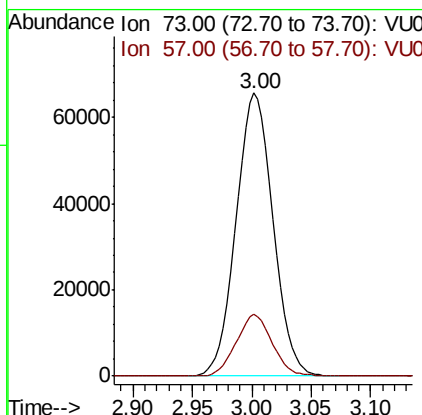
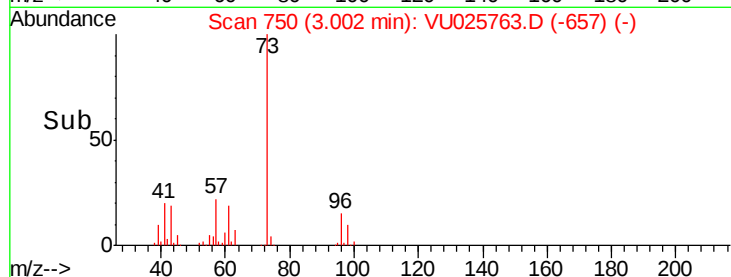
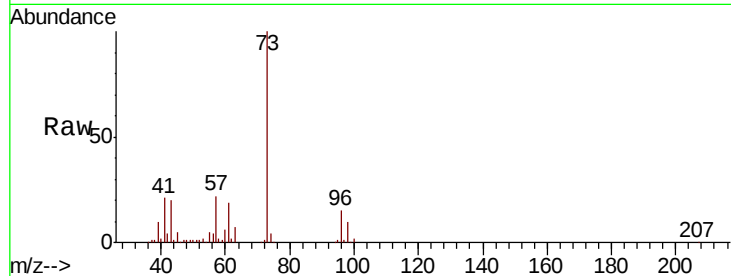
#19
Methvl tert-butvl Ether
Concen: 32.738 ug/l
RT: 3.00 min Scan# 750
Delta R.T. 0.00 min
Lab File: VU025763.D
Acq: 01 Aug 2018 09:47

Instrument :
MSVOA_U
ClientSampleId :
VU0801WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.4	26.2

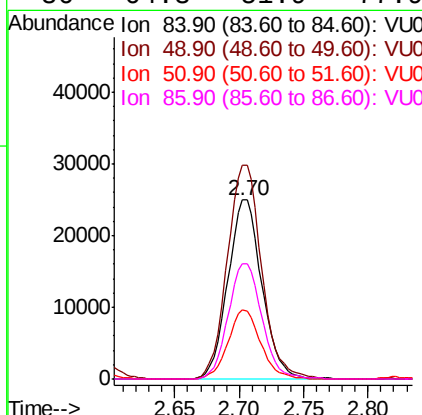
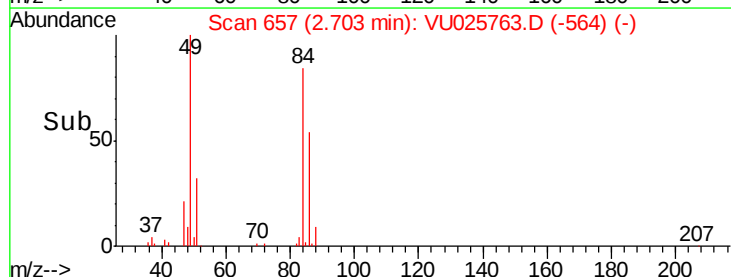
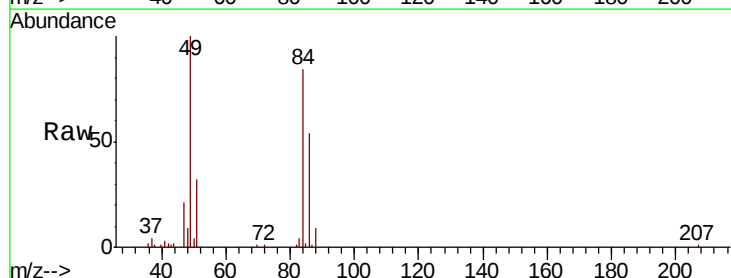
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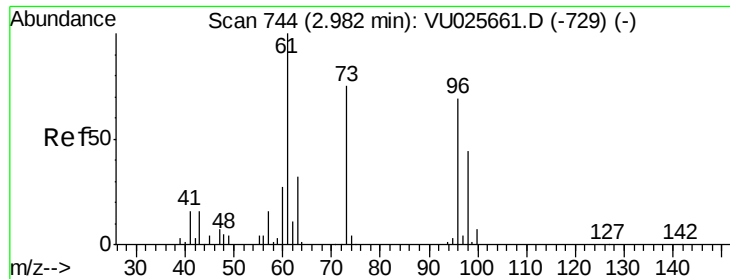
MMDadoda
8/2/2018 9:41:19 AM



#20
Methylene Chloride
Concen: 30.756 ug/l
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU025763.D
Acq: 01 Aug 2018 09:47

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.2	101.8	152.6
51	38.4	30.8	46.2
86	64.3	51.9	77.9





#21

trans-1,2-Dichloroethene

Concen: 31.568 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU025763.D

Acq: 01 Aug 2018 09:47

Instrument :

MSVOA_U

ClientSampleId :

VU0801WBS02

Tot Ion: 96 Resp: 43409

Ion Ratio Lower Upper

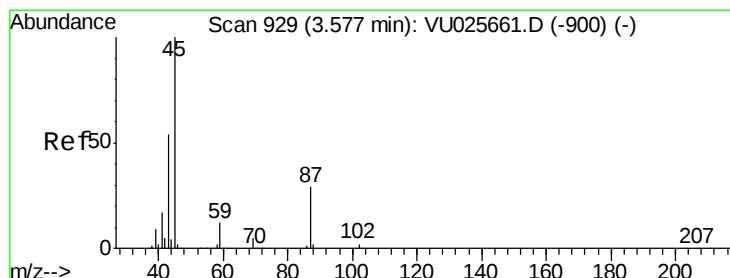
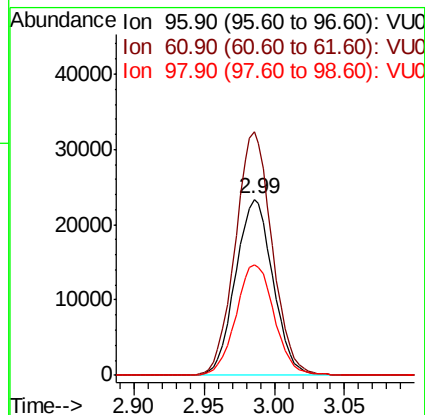
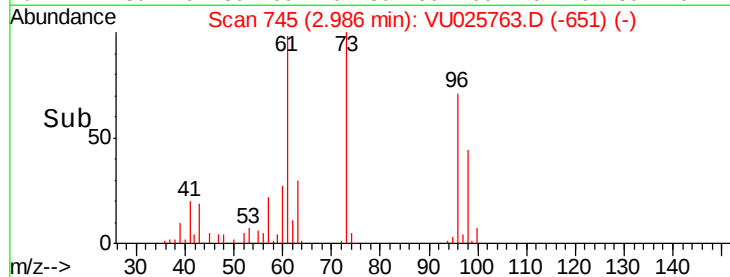
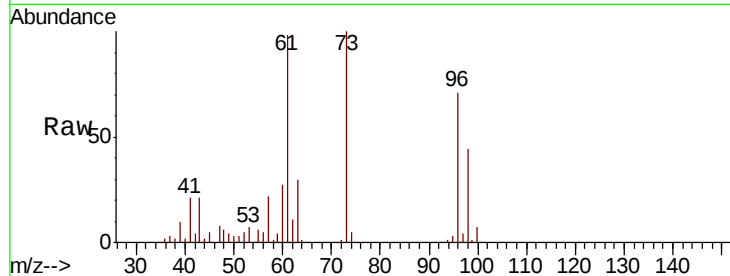
96 100

61 138.5 114.5 171.7

98 62.7 50.5 75.7

Manual Integrations
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8/2/2018 9:41:19 AM



#22

Diisopropyl ether

Concen: 32.576 ug/l

RT: 3.57 min Scan# 928

Delta R.T. -0.00 min

Lab File: VU025763.D

Acq: 01 Aug 2018 09:47

Tgt Ion: 45 Resp: 137227

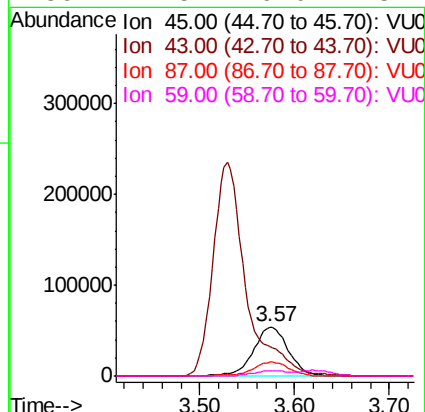
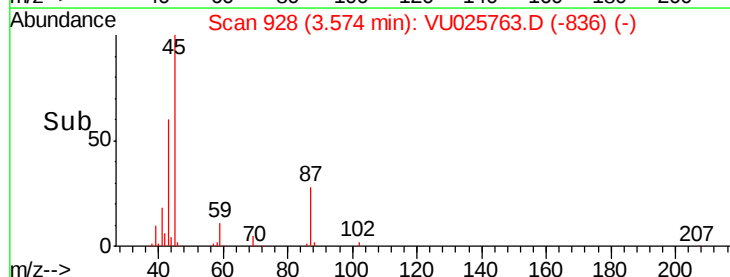
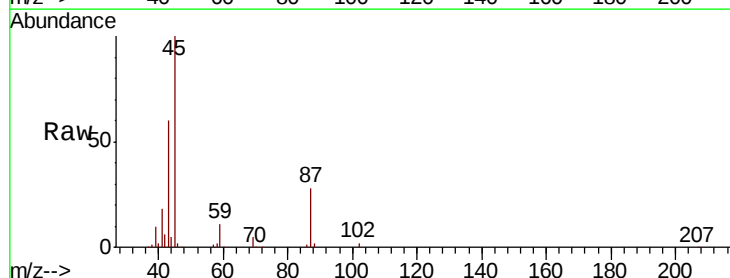
Ion Ratio Lower Upper

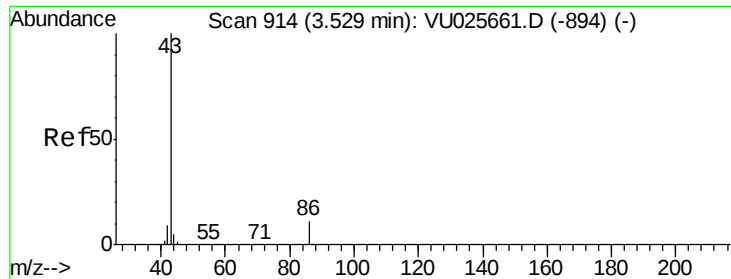
45 100

43 57.6 50.9 76.3

87 28.5 23.8 35.8

59 11.5 9.0 13.4





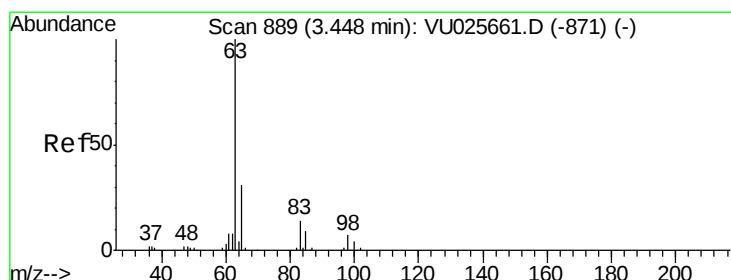
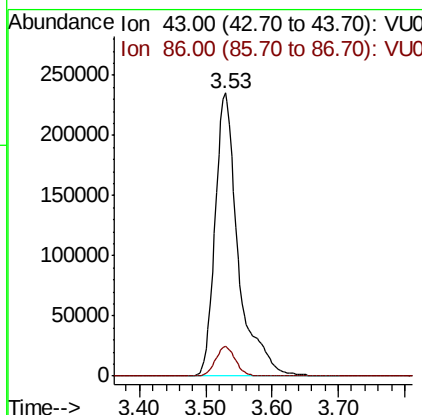
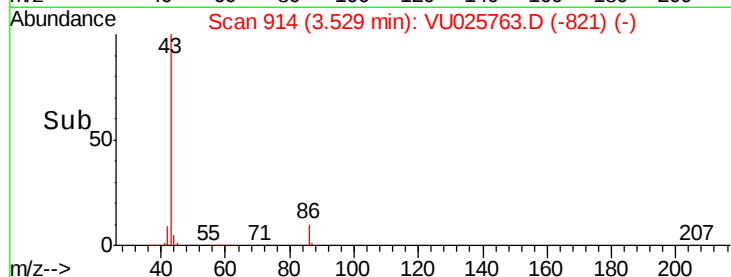
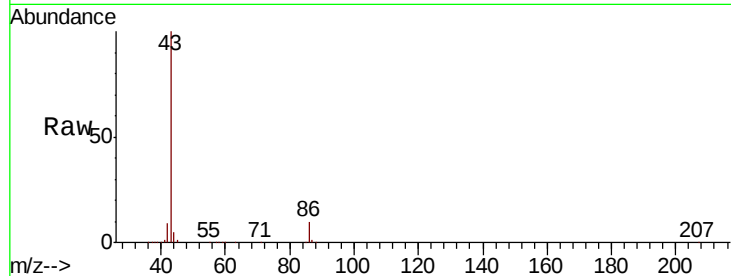
#23
 Vinyl Acetate
 Concen: 155.721 ug/l
 RT: 3.53 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: VU025763.D
 Acq: 01 Aug 2018 09:47

Instrument :
 MSVOA_U
 ClientSampleID :
 VU0801WBS02

Tot Ion: 43 Resp: 571666
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.2 12.2

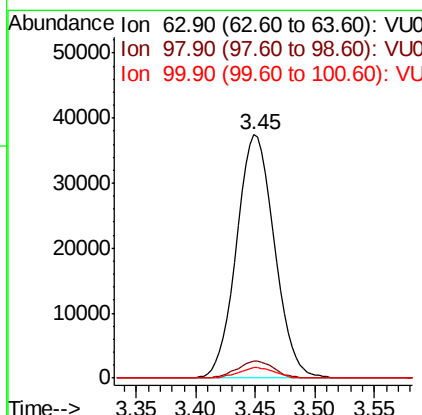
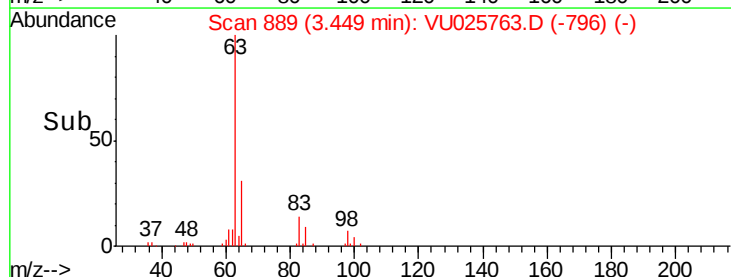
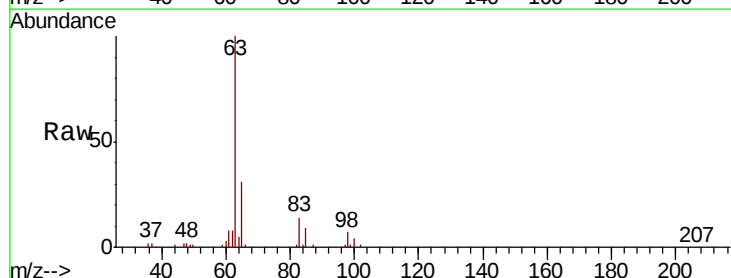
Manual Integrations
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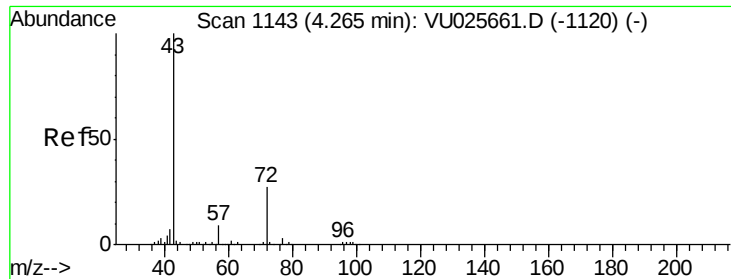
MMDadoda
 8/2/2018 9:41:19 AM



#24
 1,1-Dichloroethane
 Concen: 32.775 ug/l
 RT: 3.45 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: VU025763.D
 Acq: 01 Aug 2018 09:47

Tgt Ion: 63 Resp: 82879
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.1
 100 4.4 2.0 6.0





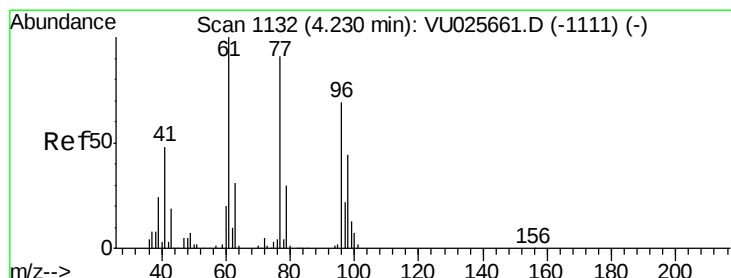
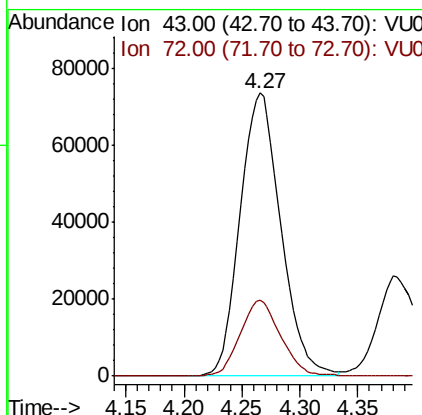
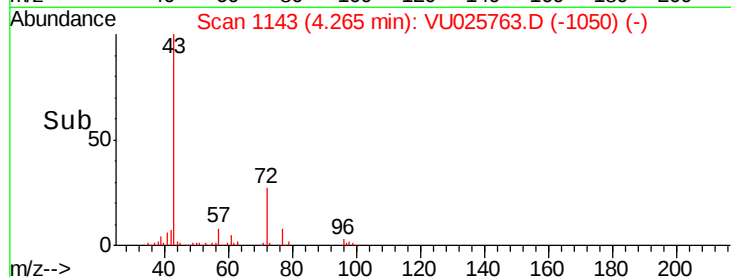
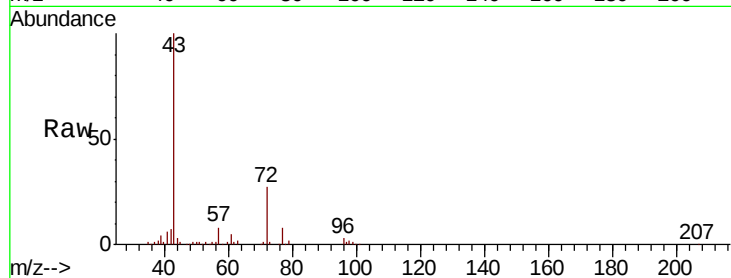
#25
2-Butanone
Concen: 156.886 ug/l
RT: 4.27 min Scan# 1143
Delta R.T. 0.00 min
Lab File: VU025763.D
Acq: 01 Aug 2018 09:47

Instrument :
MSVOA_U
ClientSampleId :
VU0801WBS02

Tot Ion: 43 Resp: 179733
Ion Ratio Lower Upper
43 100
72 26.8 21.0 31.4

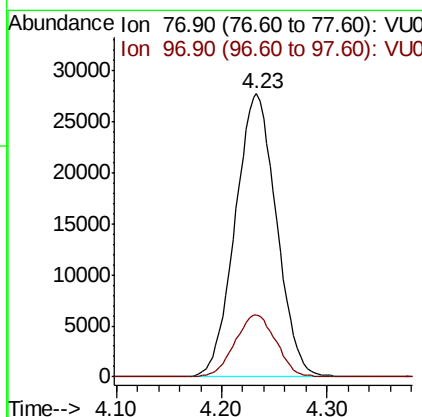
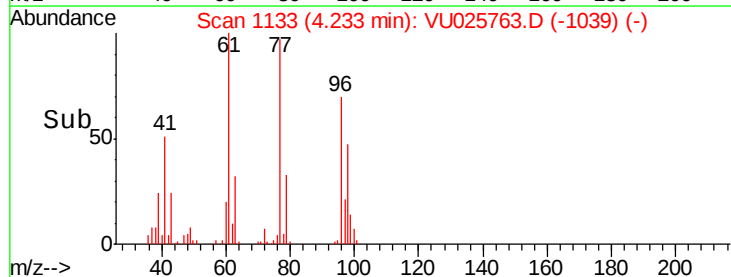
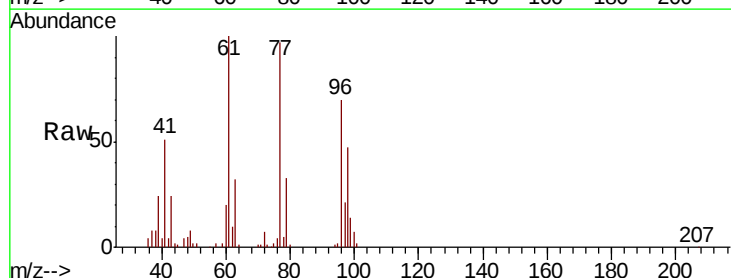
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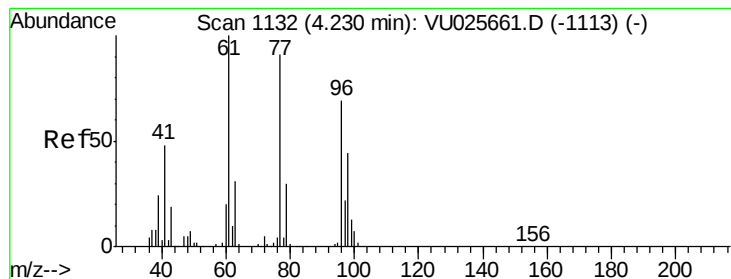
MMDadoda
8/2/2018 9:41:19 AM



#26
2,2-Dichloropropane
Concen: 32.708 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VU025763.D
Acq: 01 Aug 2018 09:47

Tgt Ion: 77 Resp: 75177
Ion Ratio Lower Upper
77 100
97 21.8 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 31.616 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU025763.D

Acq: 01 Aug 2018 09:47

Instrument :

MSVOA_U

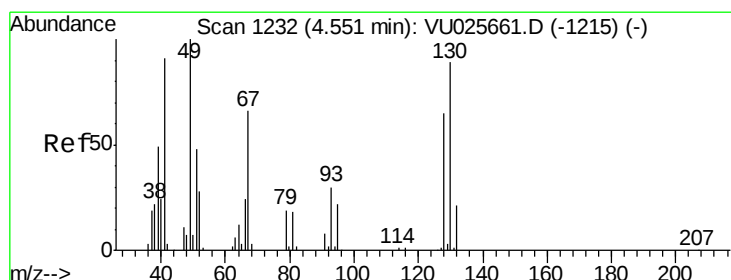
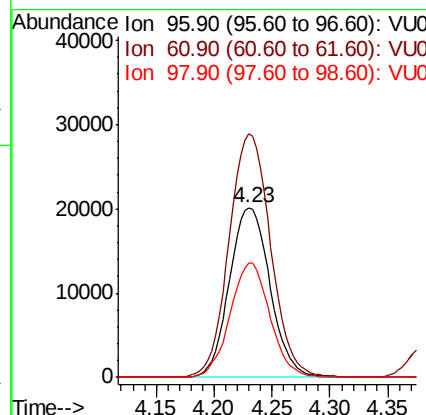
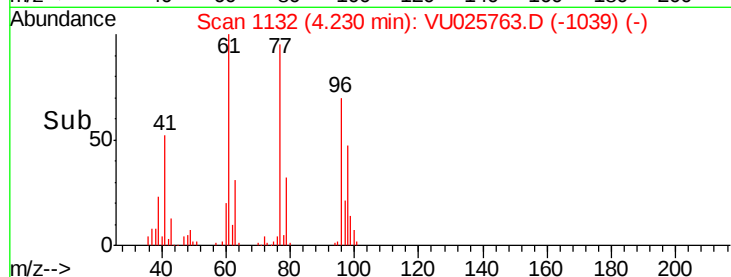
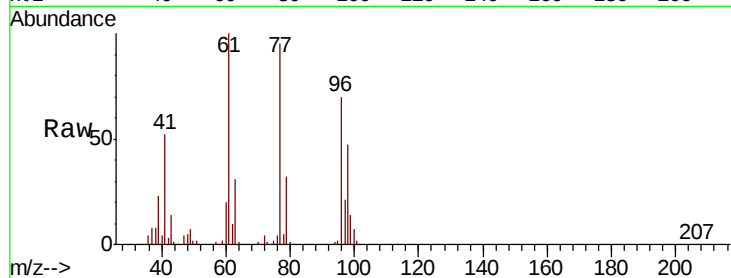
ClientSampleId :

VU0801WBS02

Tot Ion:	96	Resp:	49015
Ion	Ratio	Lower	Upper
96	100		
61	146.5	0.0	299.8
98	65.7	0.0	128.6

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#28

Bromochloromethane

Concen: 31.771 ug/l

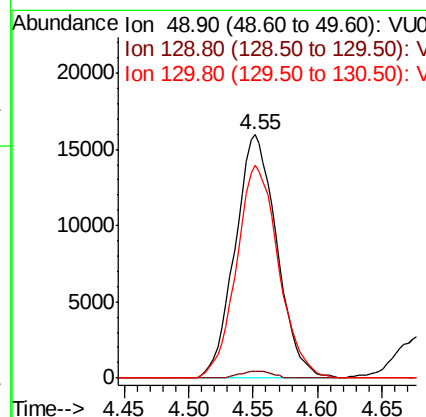
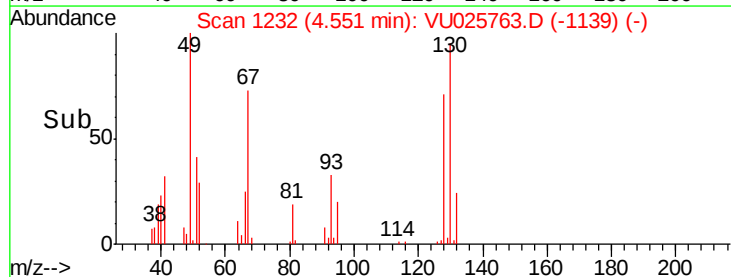
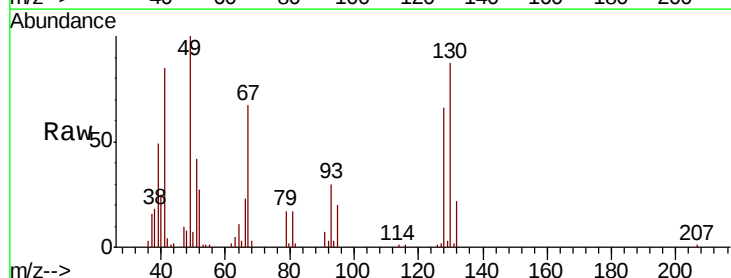
RT: 4.55 min Scan# 1232

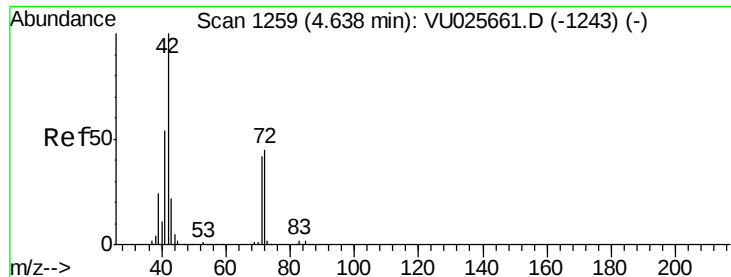
Delta R.T. 0.00 min

Lab File: VU025763.D

Acq: 01 Aug 2018 09:47

Tgt Ion:	49	Resp:	35921
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	88.1	68.6	102.8





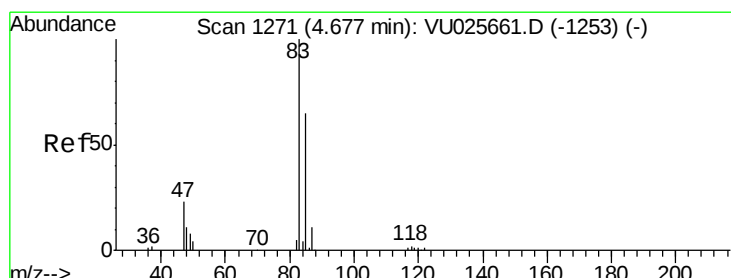
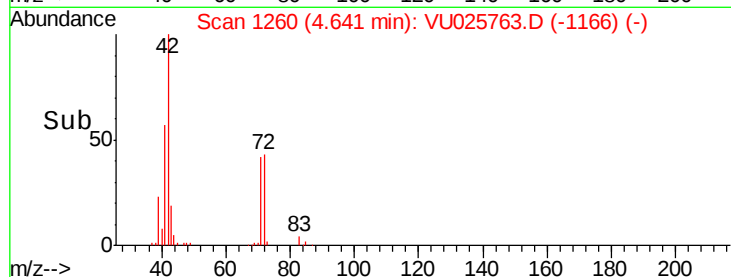
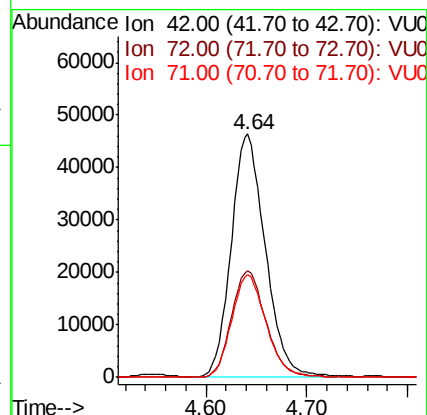
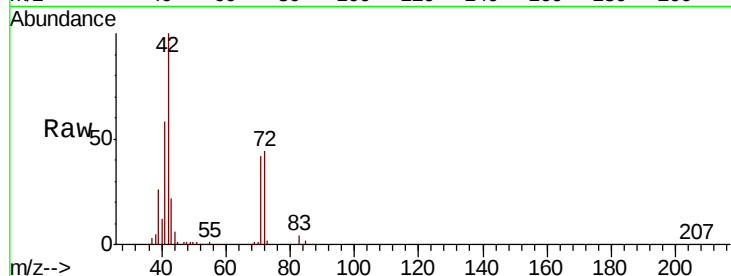
#29
Tetrahydrofuran
Concen: 159.801 ug/l
RT: 4.64 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VU025763.D
Acq: 01 Aug 2018 09:47

Instrument :
MSVOA_U
ClientSampleId :
VU0801WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.1	36.7	55.1
71	42.5	33.9	50.9

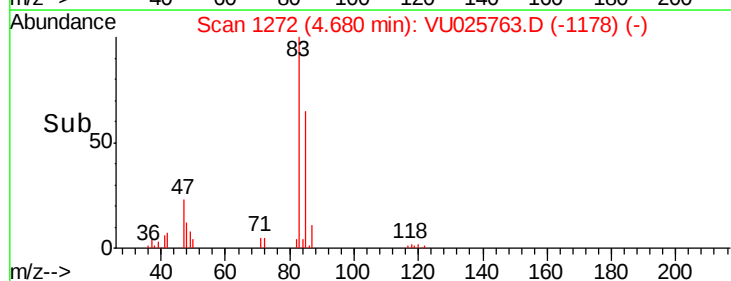
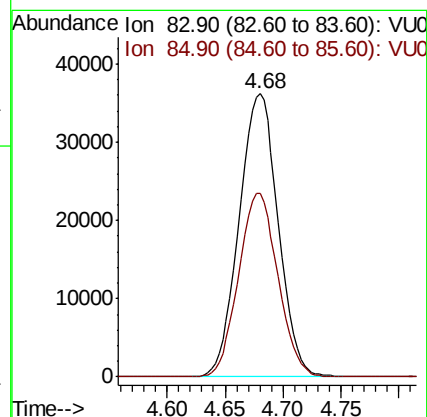
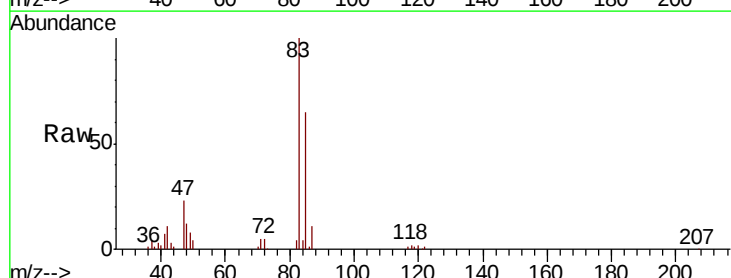
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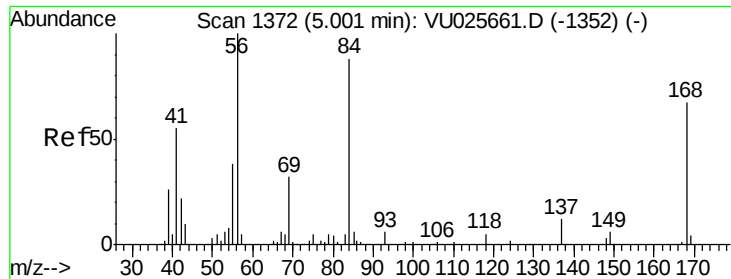
MMDadoda
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#30
Chloroform
Concen: 31.749 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU025763.D
Acq: 01 Aug 2018 09:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.5	77.3





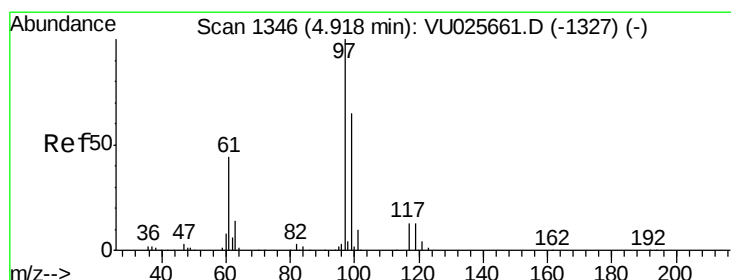
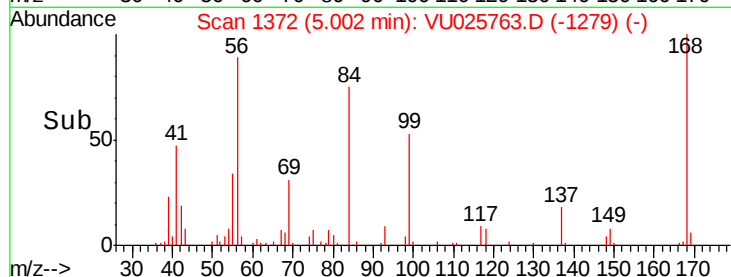
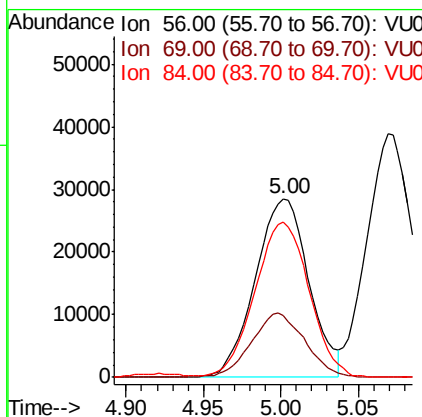
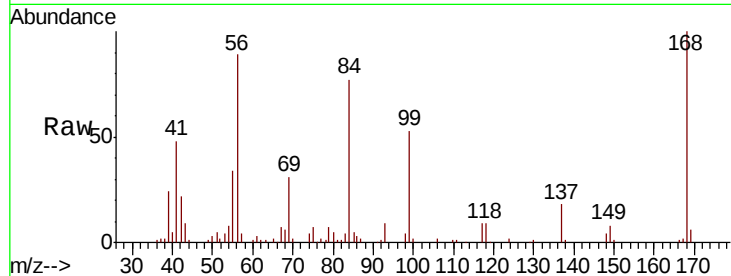
#31
Cyclohexane
Concen: 30.781 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU025763.D
Acq: 01 Aug 2018 09:47

Instrument :
MSVOA_U
ClientSampleId :
VU0801WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.5	26.8	40.2
84	85.7	69.7	104.5

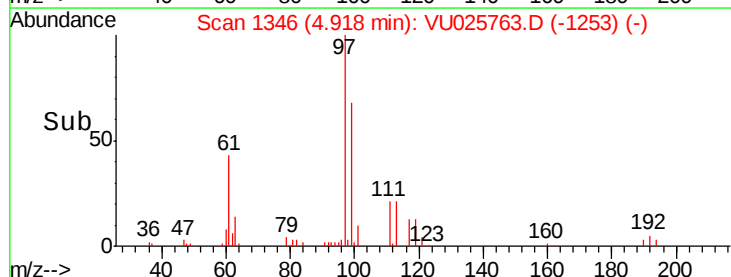
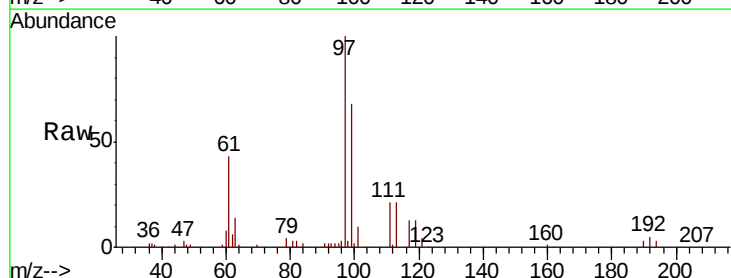
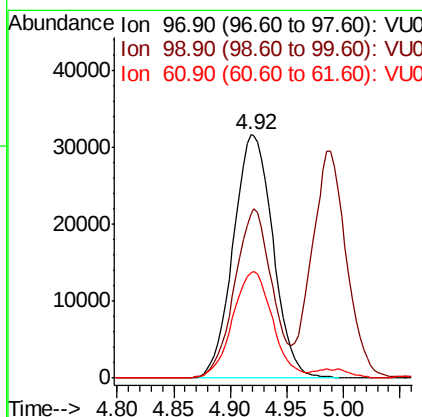
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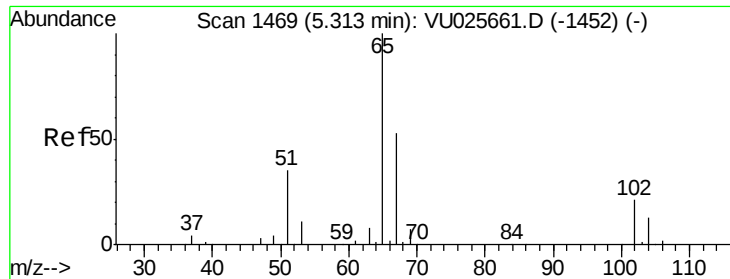
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#32
1,1,1-Trichloroethane
Concen: 32.128 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VU025763.D
Acq: 01 Aug 2018 09:47

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.7	50.8	76.2
61	44.0	35.2	52.8





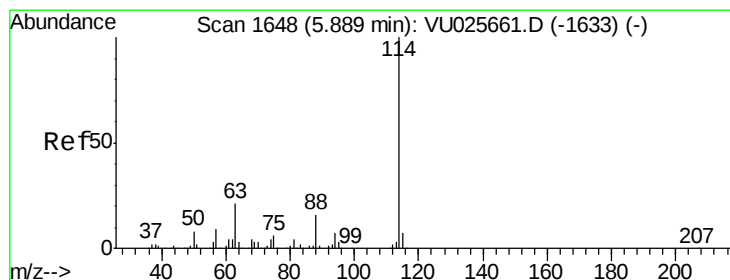
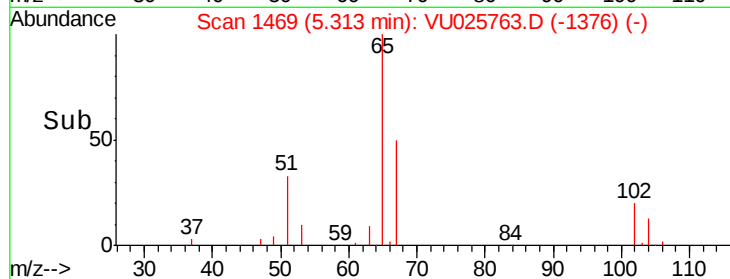
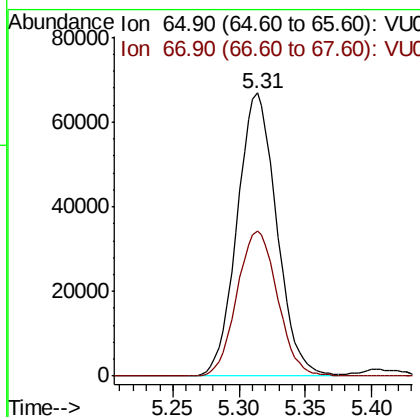
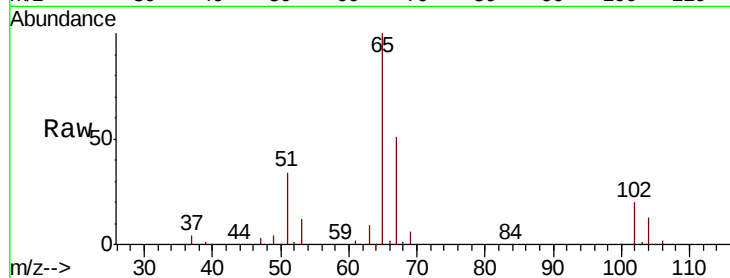
#33
 1,2-Dichloroethane-d4
 Concen: 80.312 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025763.D
 Acq: 01 Aug 2018 09:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0801WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	138633		
67	52.5	0.0	103.6	

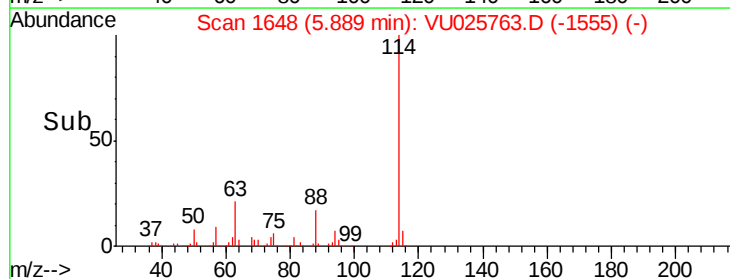
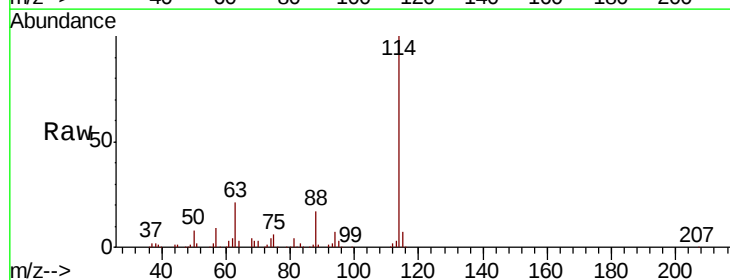
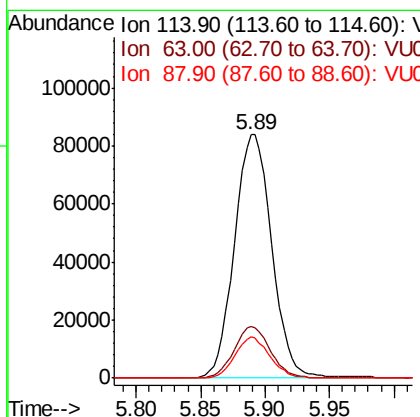
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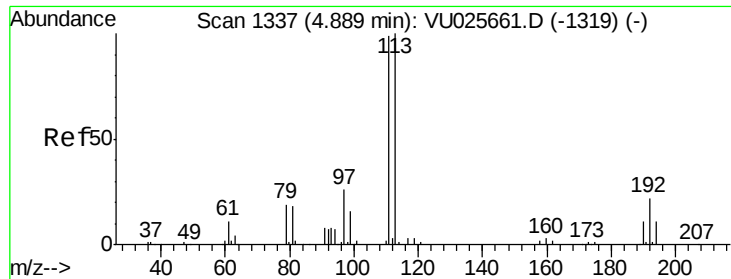
MMDadoda
 8/2/2018 9:41:19 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: VU025763.D
 Acq: 01 Aug 2018 09:47

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	168983		
63	21.3	0.0	41.6	
88	17.0	0.0	32.4	





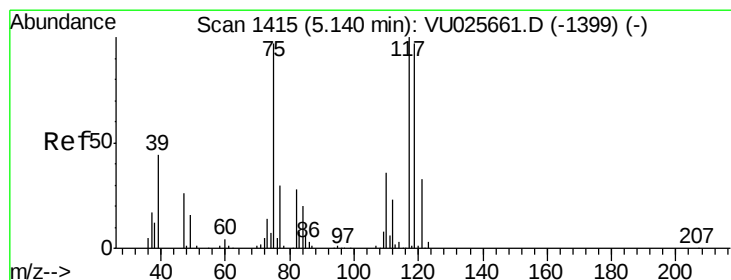
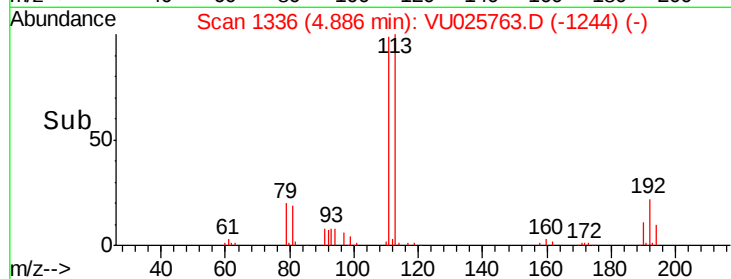
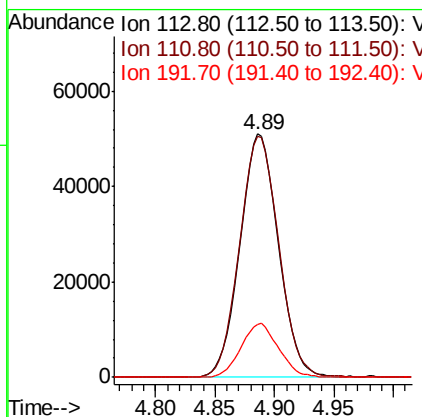
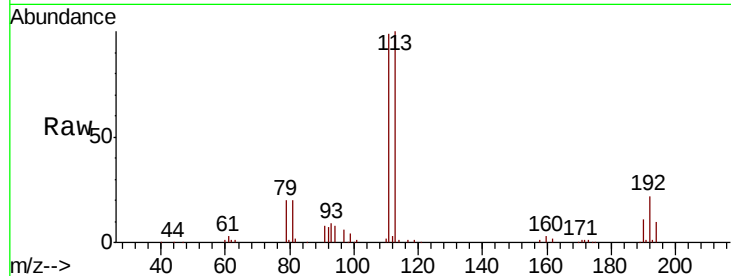
#35
 Dibromofluoromethane
 Concen: 77.522 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025763.D
 Acq: 01 Aug 2018 09:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0801WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	113936		
111	101.1		81.7	122.5
192	21.8		17.1	25.7

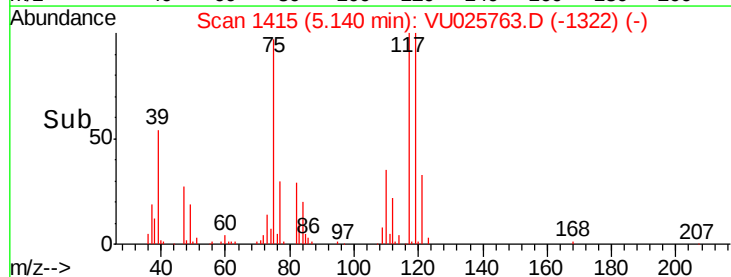
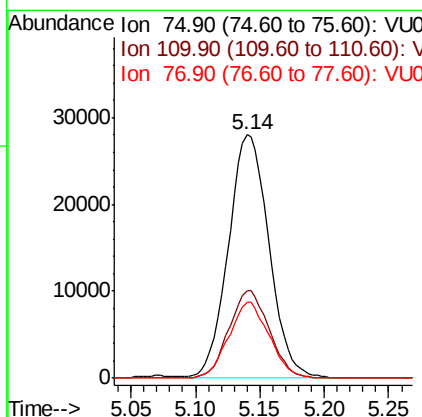
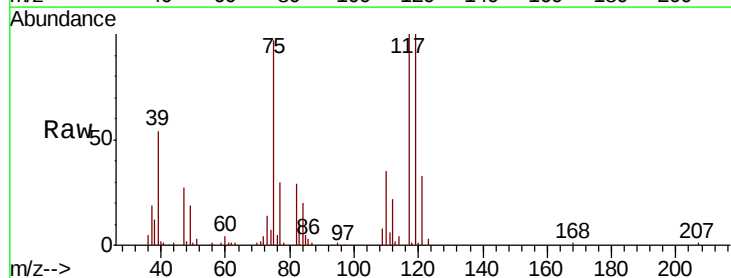
Manual Integrations
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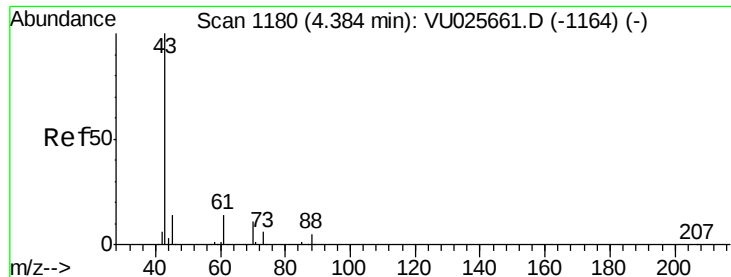
MMDadoda
 8/2/2018 9:41:19 AM



#36
 1,1-Dichloropropene
 Concen: 31.062 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VU025763.D
 Acq: 01 Aug 2018 09:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	61343		
110	35.6		17.6	52.9
77	31.0		24.4	36.6





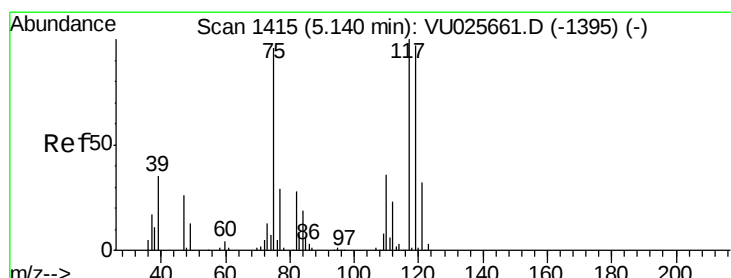
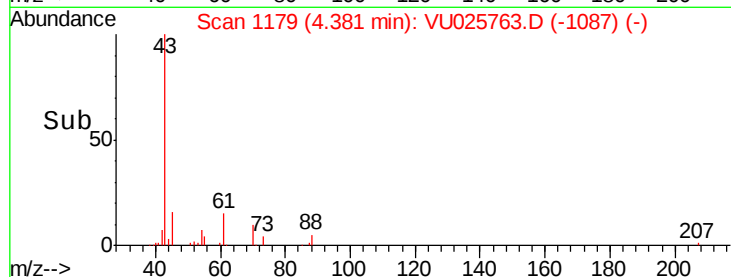
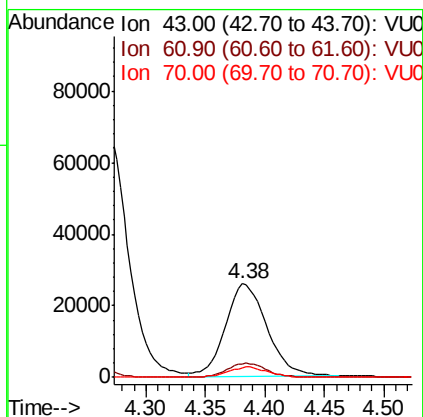
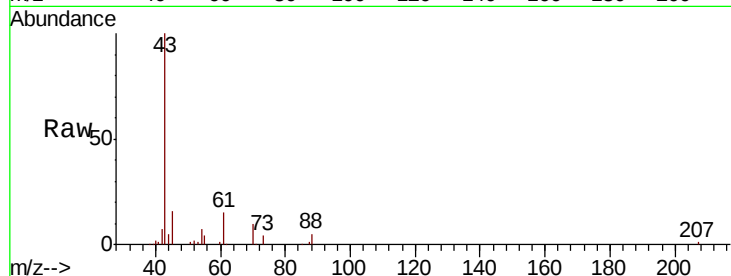
#37
Ethyl Acetate
Concen: 30.597 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU025763.D
Acq: 01 Aug 2018 09:47

Instrument :
MSVOA_U
ClientSampleId :
VU0801WBS02

Tot Ion:	43	Resp:	62654
Ion	Ratio	Lower	Upper
43	100		
61	14.6	10.7	16.1
70	10.7	8.4	12.6

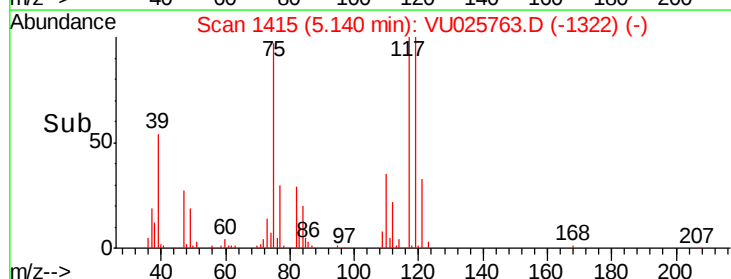
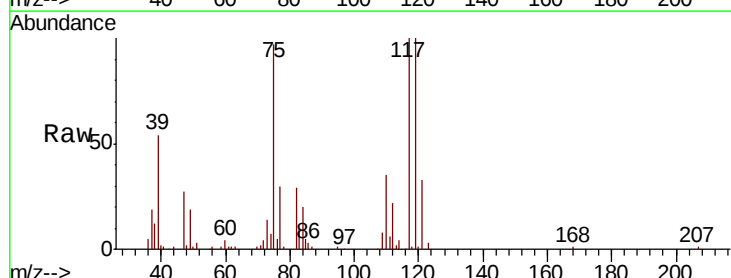
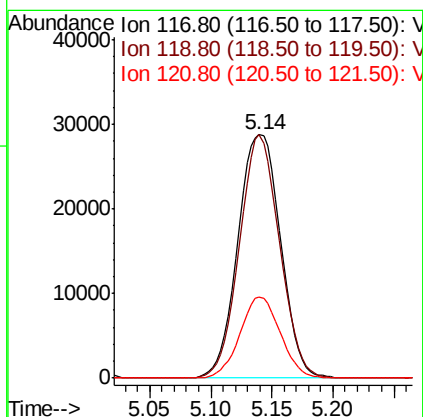
Manual Integrations
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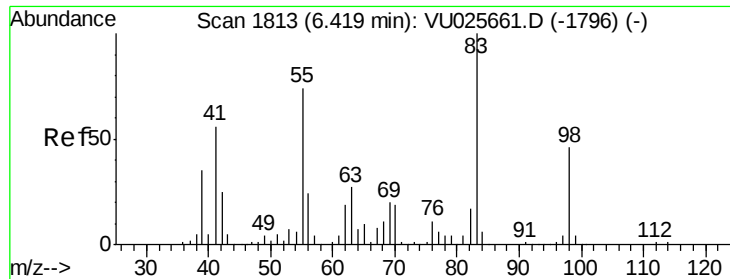
MMDadoda
8/2/2018 9:41:19 AM



#38
Carbon Tetrachloride
Concen: 31.144 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU025763.D
Acq: 01 Aug 2018 09:47

Tgt Ion:	117	Resp:	69664
Ion	Ratio	Lower	Upper
117	100		
119	100.0	75.7	113.5
121	33.5	24.6	36.8





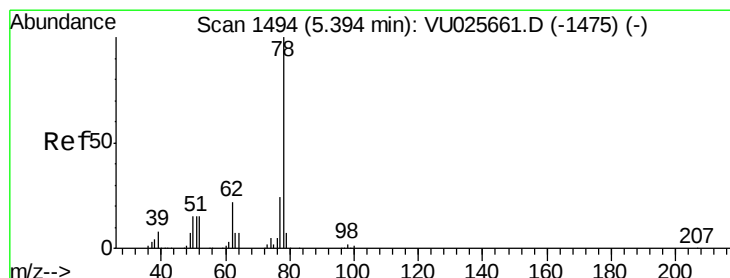
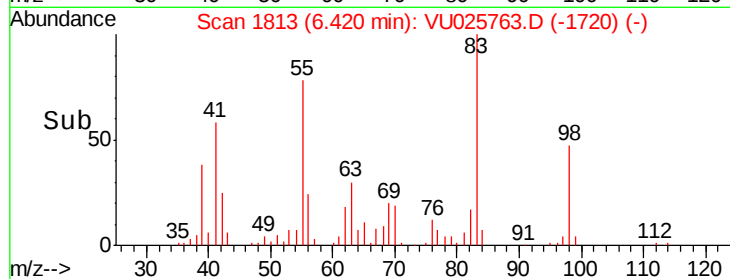
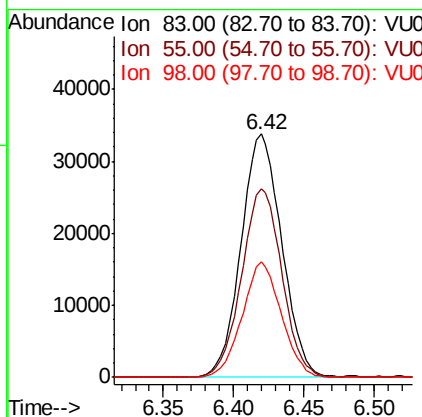
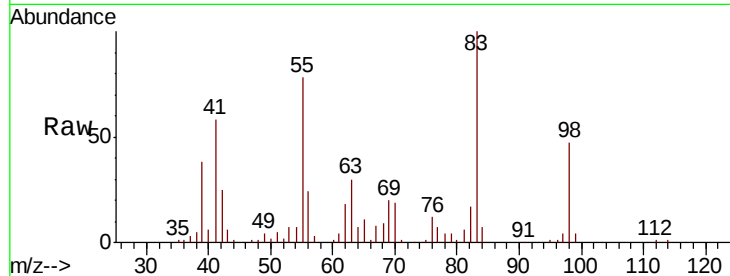
#39
Methvlcvclohexane
Concen: 30.202 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025763.D
Acq: 01 Aug 2018 09:47

Instrument :
MSVOA_U
ClientSampleId :
VU0801WBS02

Tot Ion	83.00	Resp	68339
Ion	Ratio	Lower	Upper
83	100		
55	77.5	60.0	90.0
98	47.4	36.1	54.1

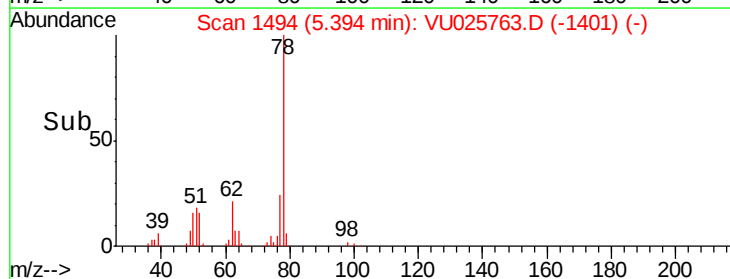
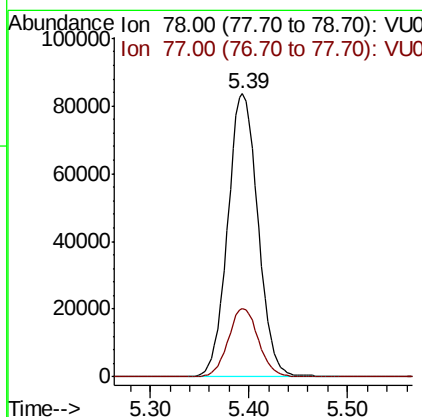
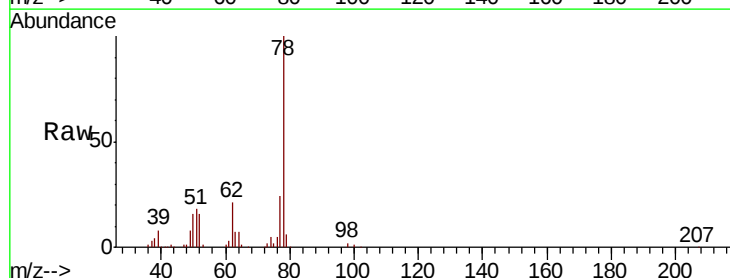
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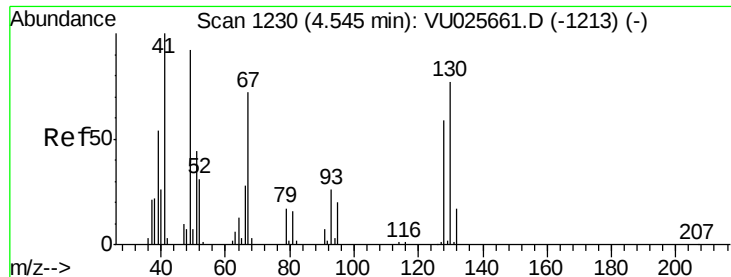
MMDadoda
8/2/2018 9:41:19 AM



#40
Benzene
Concen: 31.065 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025763.D
Acq: 01 Aug 2018 09:47

Tgt Ion	78.00	Resp	179327
Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.8	29.6





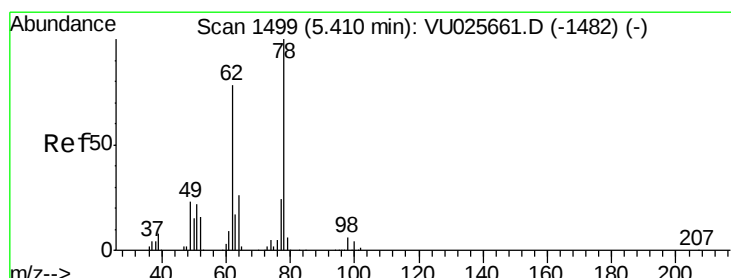
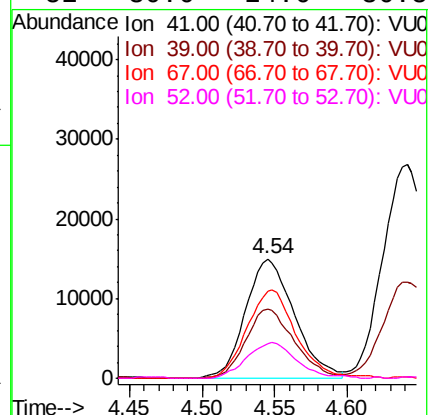
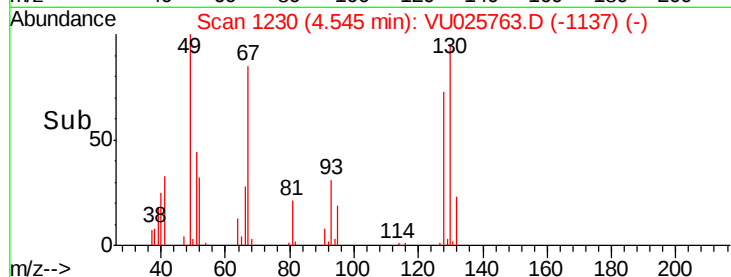
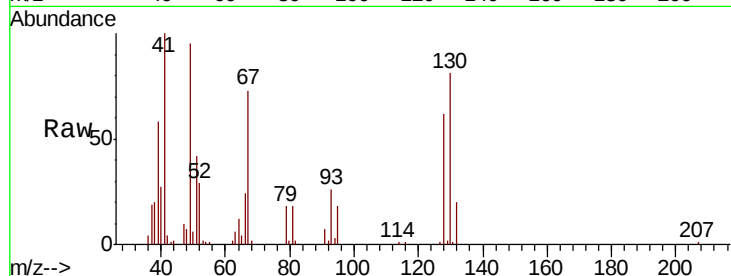
#41
Methacrylonitrile
Concen: 30.901 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU025763.D
Acq: 01 Aug 2018 09:47

Instrument :
MSVOA_U
ClientSampleId :
VU0801WBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.8	44.4	66.6	
67	74.4	56.0	84.0	
52	30.6	24.6	36.8	

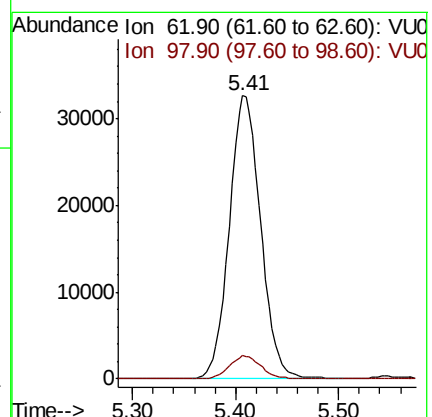
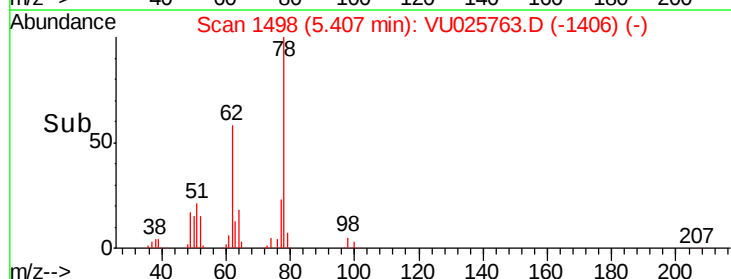
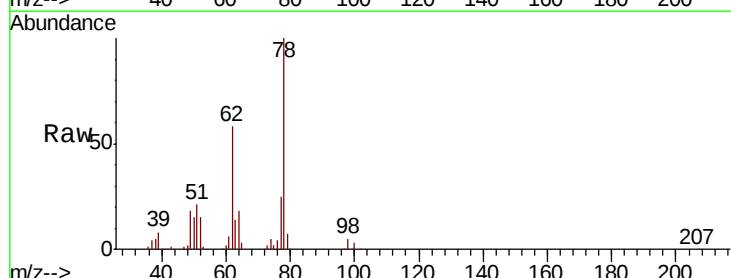
Manual Integrations
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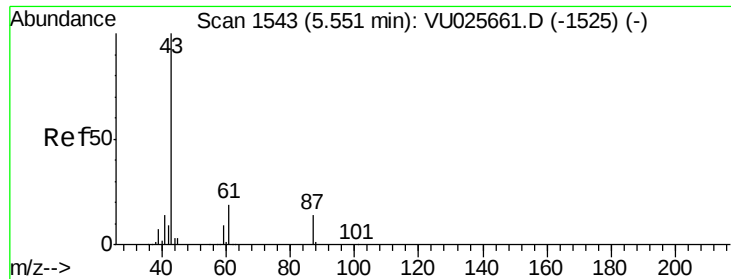
MMDadoda
8/2/2018 9:41:19 AM



#42
1,2-Dichloroethane
Concen: 31.124 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU025763.D
Acq: 01 Aug 2018 09:47

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.1	0.0	16.4	





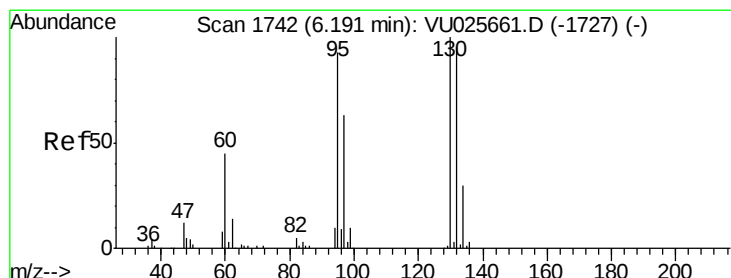
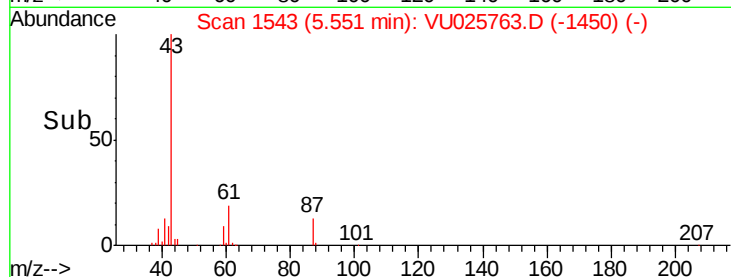
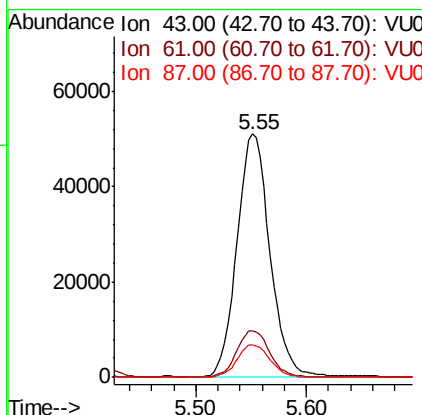
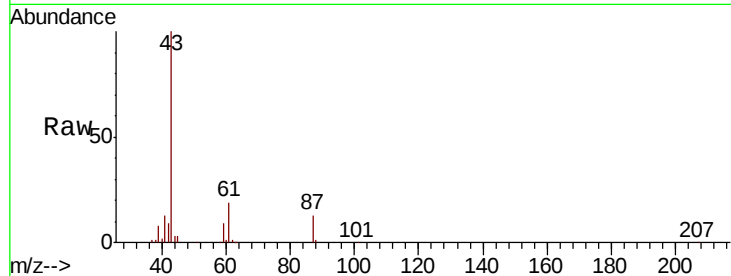
#43
Isopropyl Acetate
Concen: 31.349 ug/l
RT: 5.55 min Scan# 1543
Delta R.T. 0.00 min
Lab File: VU025763.D
Acq: 01 Aug 2018 09:47

Instrument :
MSVOA_U
ClientSampleId :
VU0801WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.5	23.3
87	13.4	10.6	16.0

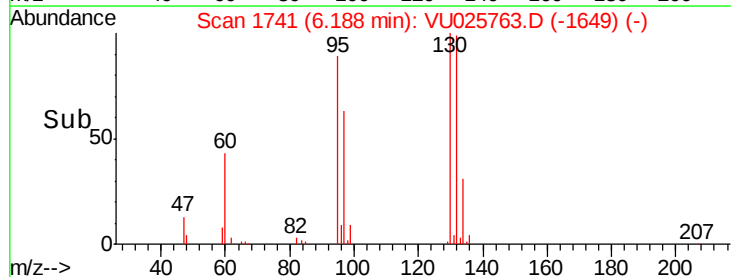
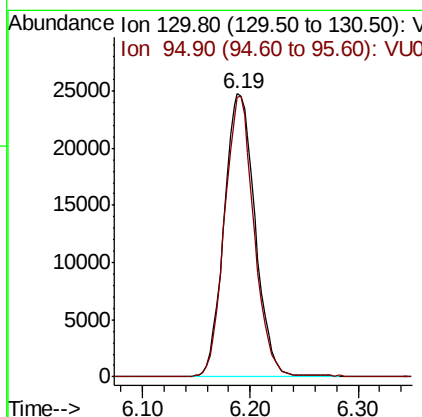
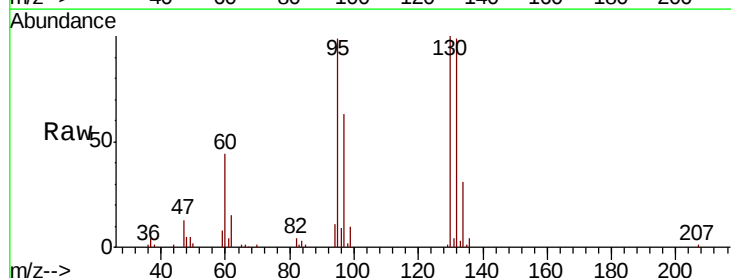
Manual Integrations
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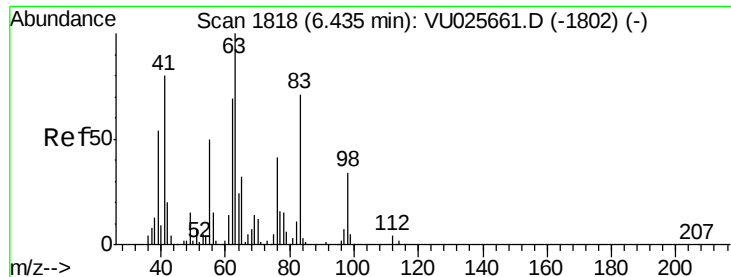
MMDadoda
8/2/2018 9:41:19 AM



#44
Trichloroethene
Concen: 30.897 ug/l
RT: 6.19 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VU025763.D
Acq: 01 Aug 2018 09:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.7	0.0	192.2





#45

1,2-Dichloropropane

Concen: 31.685 ug/l

RT: 6.44 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VU025763.D

Acq: 01 Aug 2018 09:47

Instrument :

MSVOA_U

ClientSampleId :

VU0801WBS02

Tot Ion: 63 Resp: 47701

Ion Ratio Lower Upper

63 100

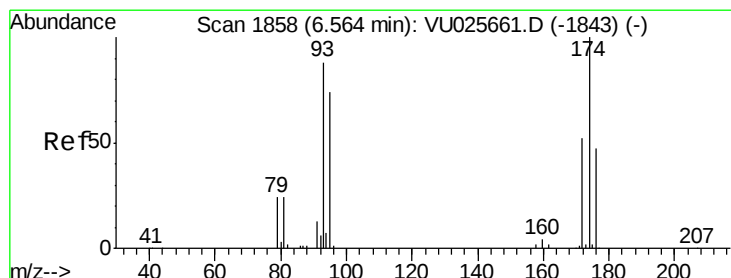
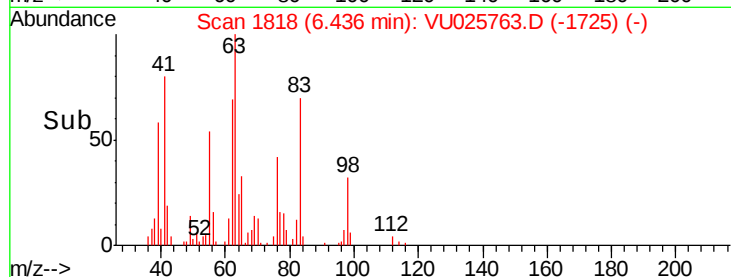
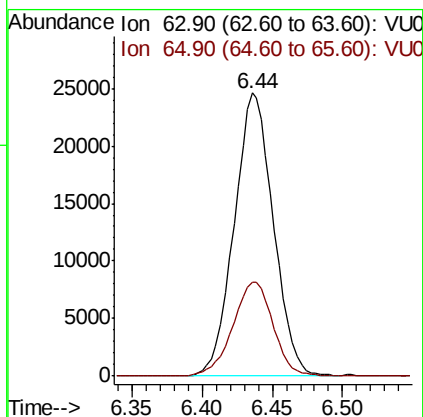
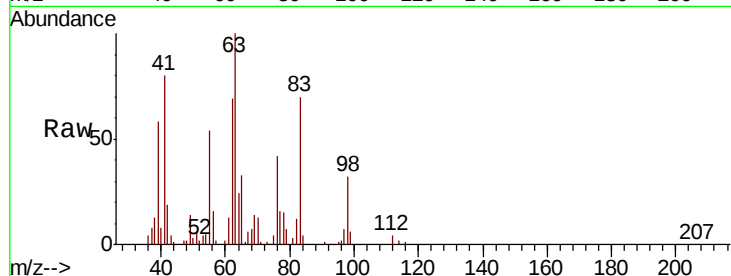
65 33.1 26.1 39.1

Manual Integrations

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#46

Dibromomethane

Concen: 31.461 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. 0.00 min

Lab File: VU025763.D

Acq: 01 Aug 2018 09:47

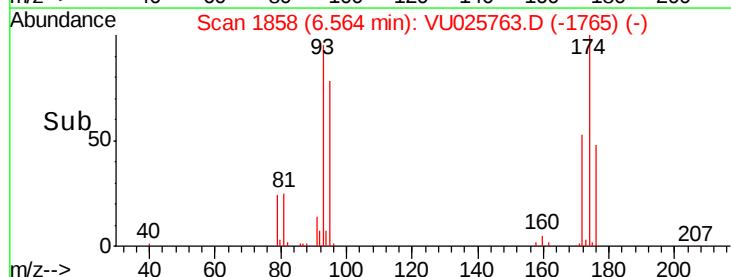
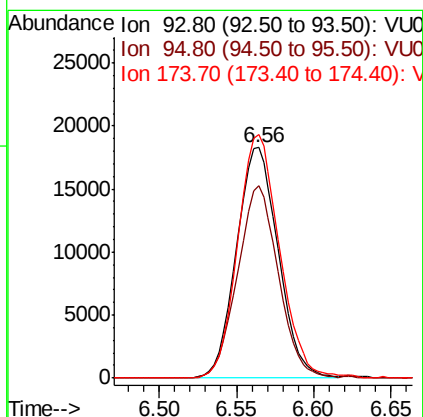
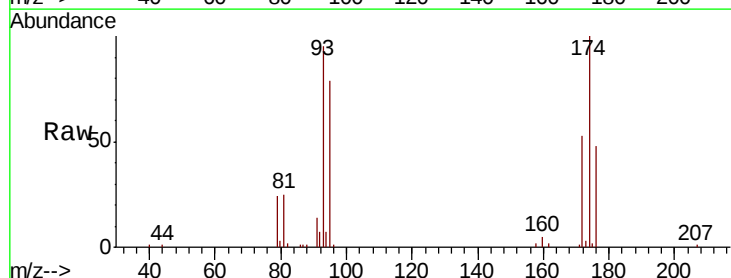
Tgt Ion: 93 Resp: 34320

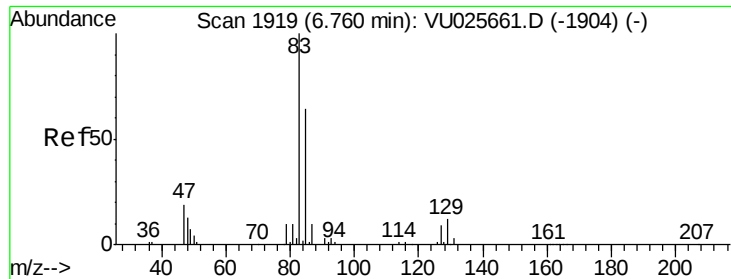
Ion Ratio Lower Upper

93 100

95 81.4 66.6 100.0

174 106.0 85.8 128.8





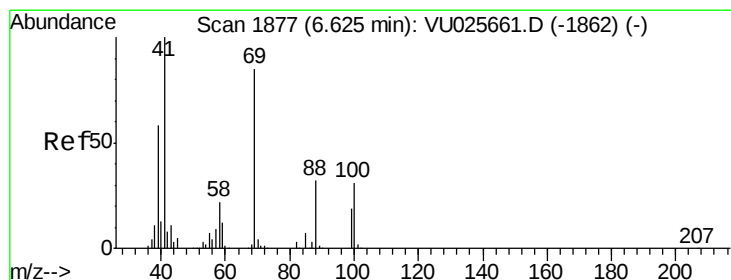
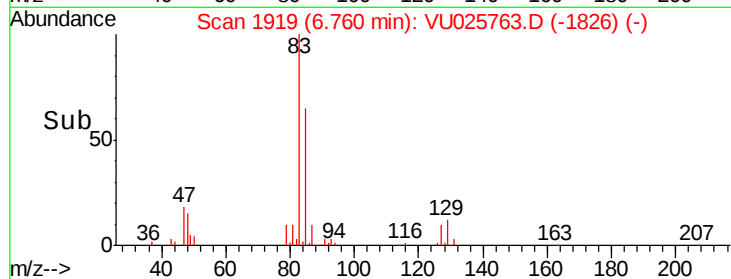
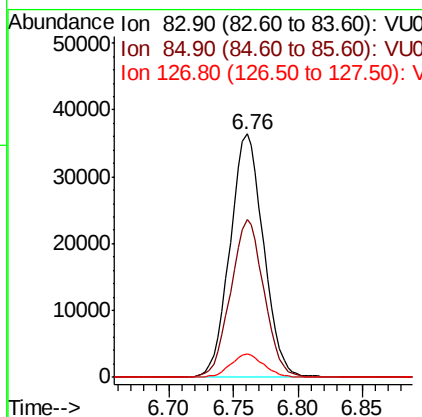
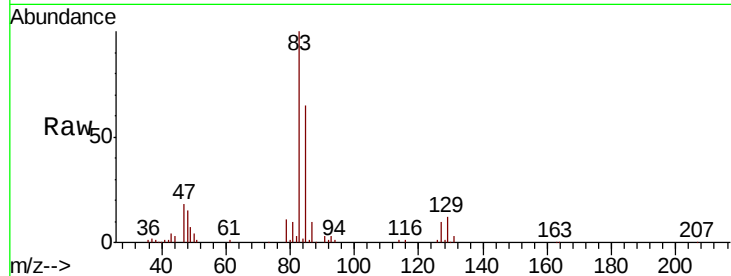
#47
Bromodichloromethane
Concen: 31.565 ug/l
RT: 6.76 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VU025763.D
Acq: 01 Aug 2018 09:47

Instrument :
MSVOA_U
ClientSampleId :
VU0801WBS02

Tot Ion	83	Resp	65682
Ion Ratio	100	Lower	Upper
83	100		
85	64.6	50.2	75.4
127	9.7	7.2	10.8

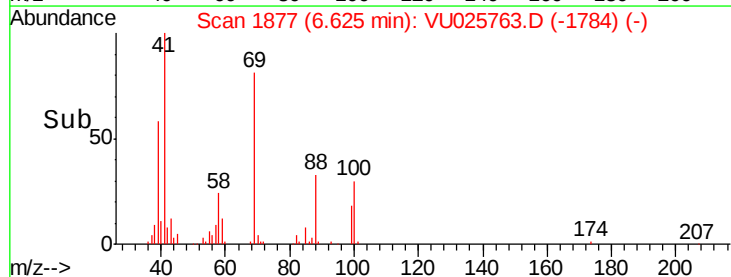
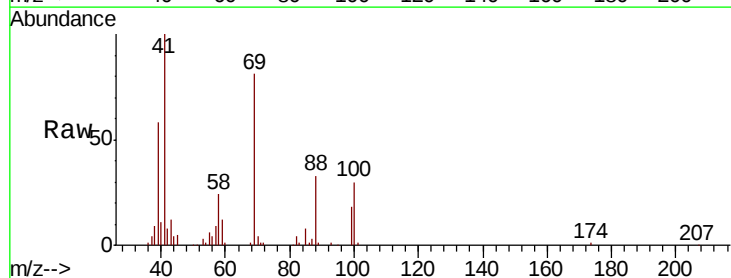
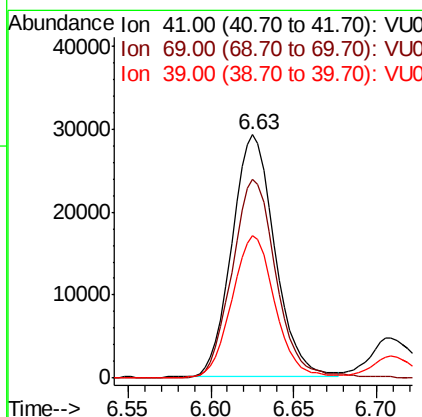
Manual Integrations
APPROVED

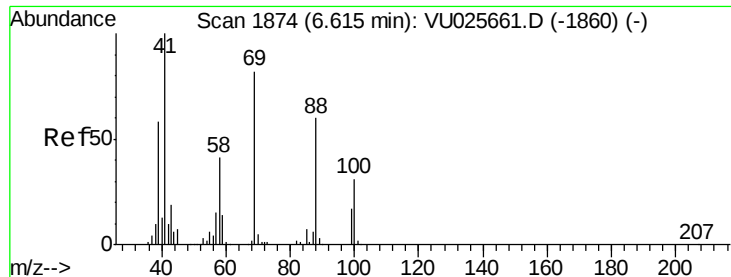
MMDadoda
8/2/2018 9:41:19 AM



#48
Methyl methacrylate
Concen: 31.739 ug/l
RT: 6.63 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VU025763.D
Acq: 01 Aug 2018 09:47

Tgt Ion	41	Resp	52638
Ion Ratio	100	Lower	Upper
41	100		
69	84.0	65.0	97.4
39	59.1	46.4	69.6





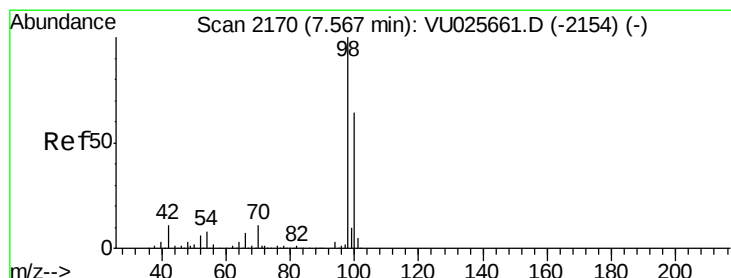
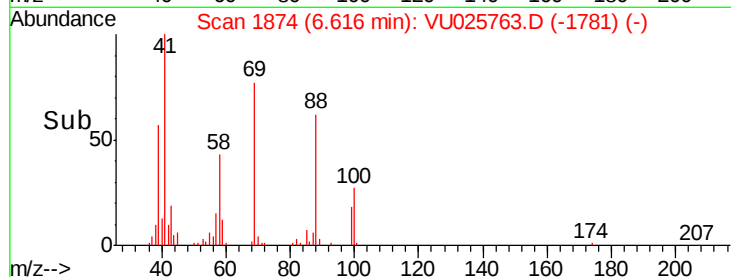
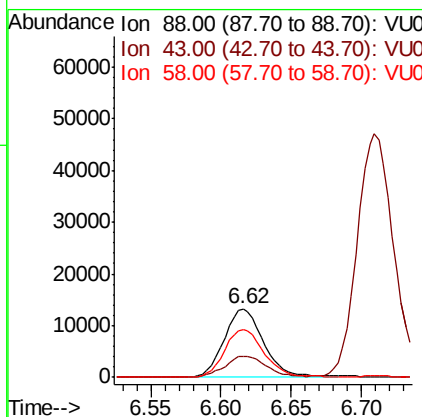
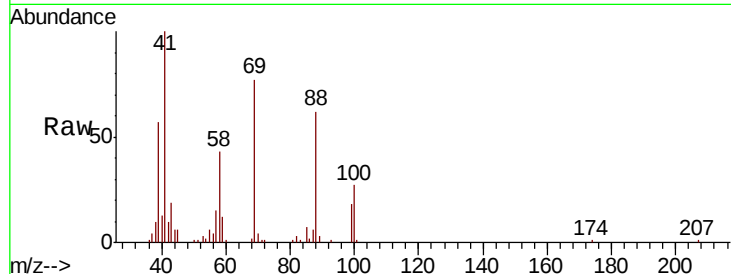
#49
1,4-Dioxane
Concen: 644.583 ug/l
RT: 6.62 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VU025763.D
Acq: 01 Aug 2018 09:47

Instrument :
MSVOA_U
ClientSampleId :
VU0801WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.8	27.3	40.9
58	69.8	57.6	86.4

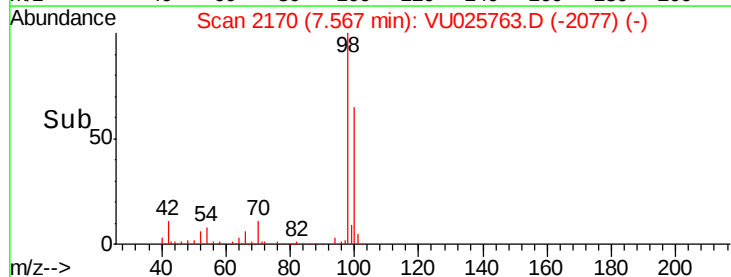
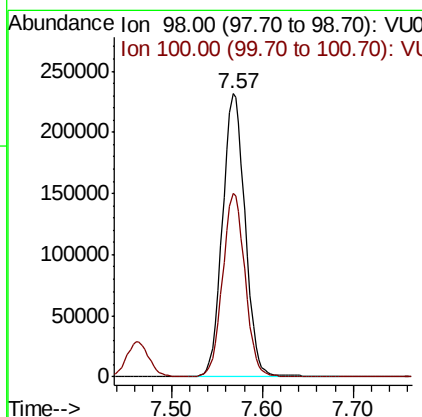
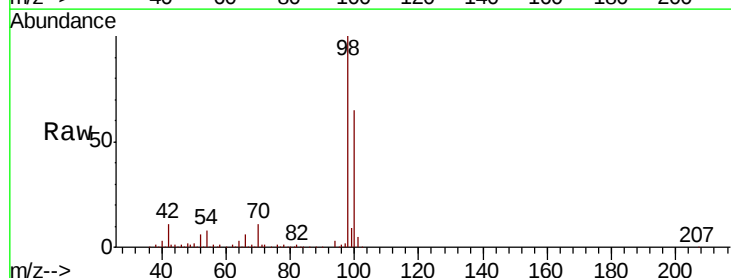
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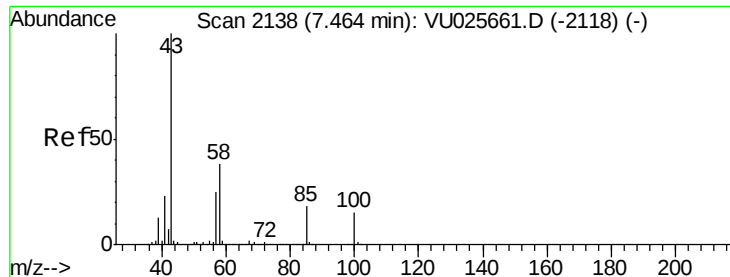
MMDadoda
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#50
Toluene-d8
Concen: 78.001 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU025763.D
Acq: 01 Aug 2018 09:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 157.538 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. -0.00 min

Lab File: VU025763.D

Acq: 01 Aug 2018 09:47

Instrument :

MSVOA_U

ClientSampleId :

VU0801WBS02

Tot Ion: 43 Resp: 333741

Ion Ratio Lower Upper

43 100

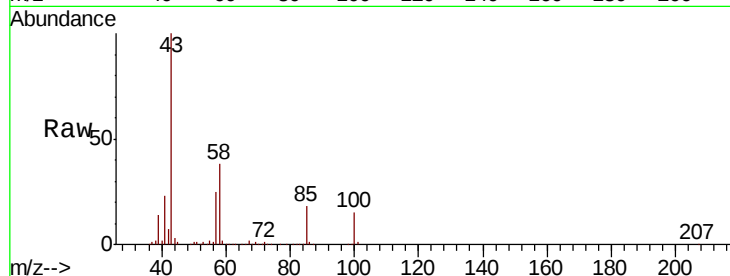
58 38.3 31.0 46.4

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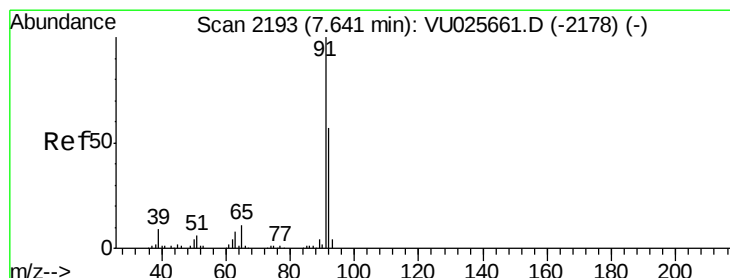
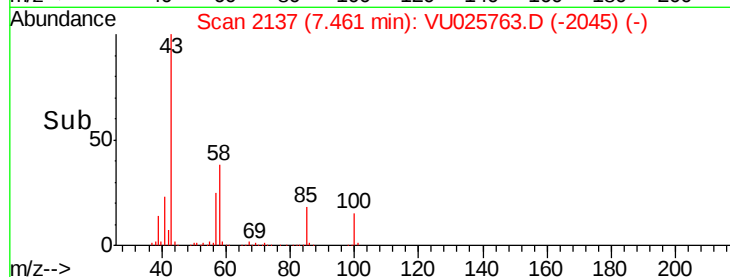
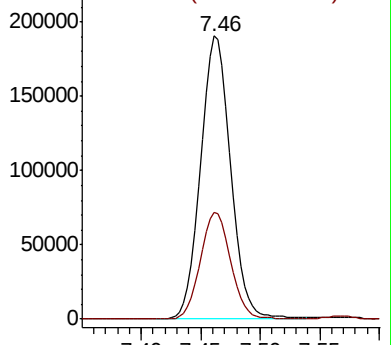
MMDadoda

8/2/2018 9:41:19 AM



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#52

Toluene

Concen: 31.279 ug/l

RT: 7.64 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VU025763.D

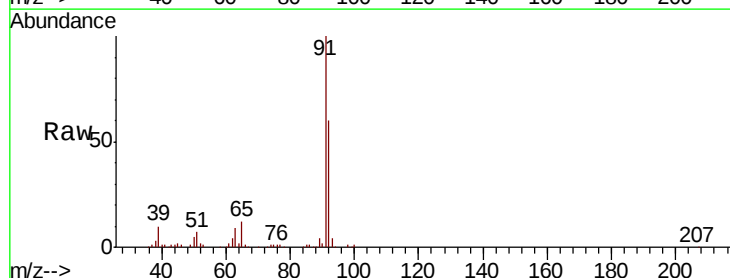
Acq: 01 Aug 2018 09:47

Tgt Ion: 92 Resp: 112174

Ion Ratio Lower Upper

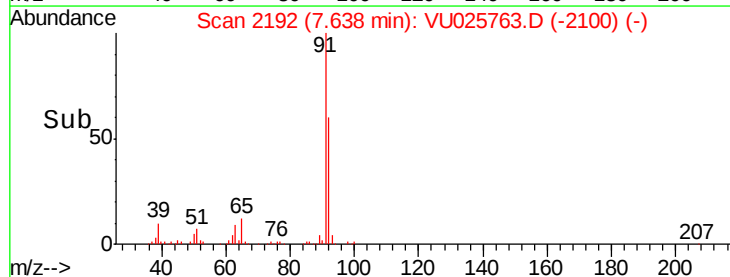
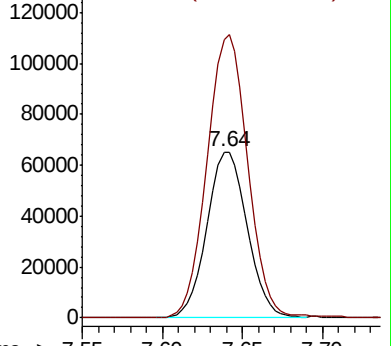
92 100

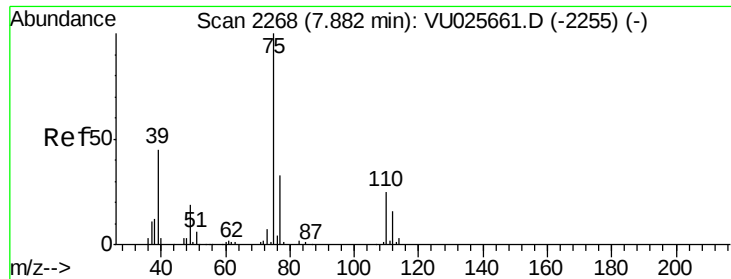
91 172.9 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0





#53

t-1,3-Dichloropropene

Concen: 31.088 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU025763.D

Acq: 01 Aug 2018 09:47

Tot Ion: 75 Resp: 72633

Ion Ratio Lower Upper

75 100

77 30.5 24.5 36.7

Instrument :

MSVOA_U

ClientSampleId :

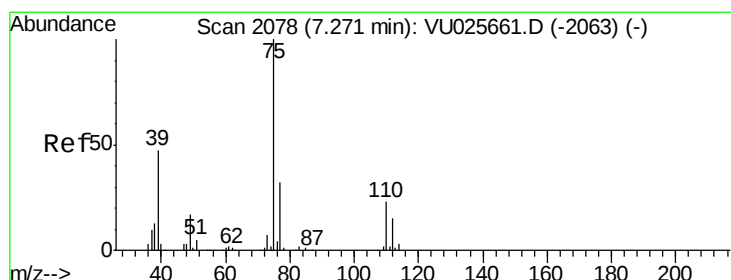
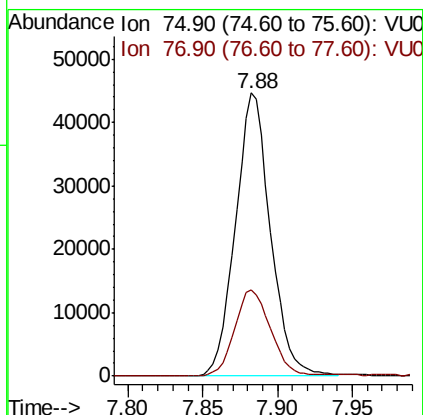
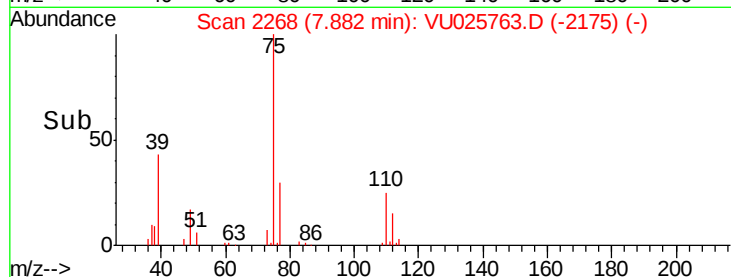
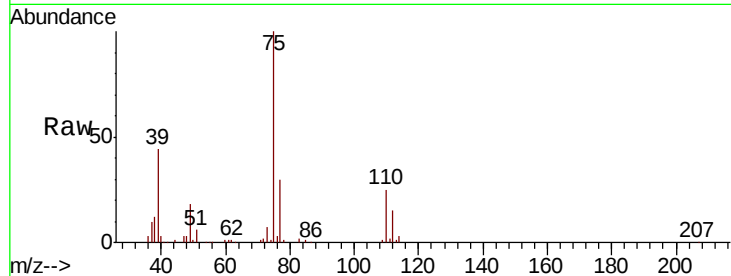
VU0801WBS02

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#54

cis-1,3-Dichloropropene

Concen: 31.802 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU025763.D

Acq: 01 Aug 2018 09:47

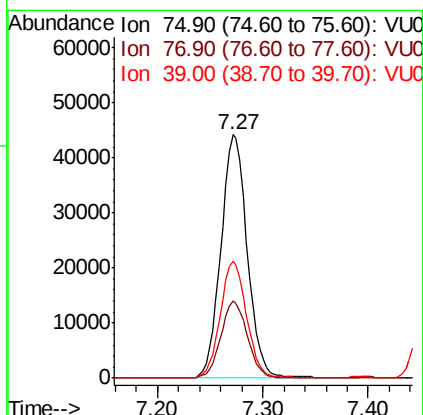
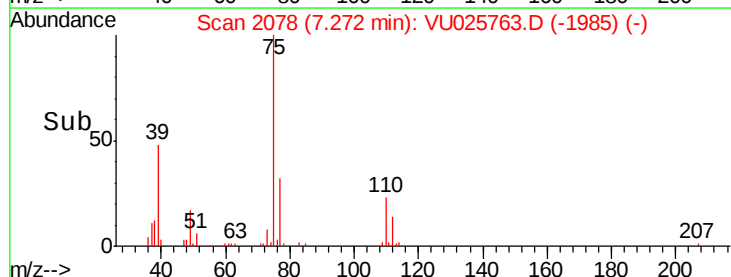
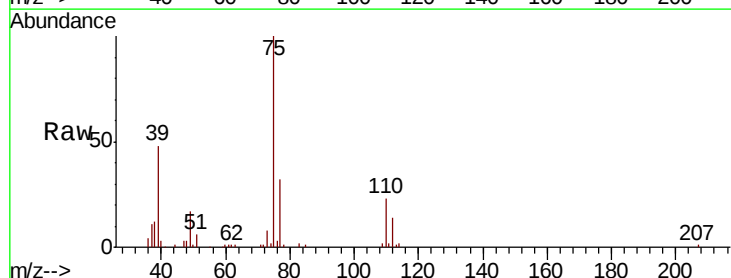
Tgt Ion: 75 Resp: 76324

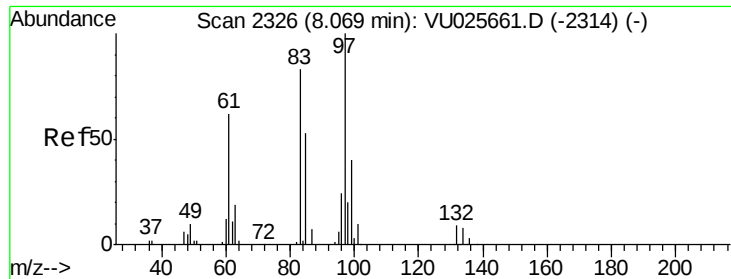
Ion Ratio Lower Upper

75 100

77 31.8 25.6 38.4

39 48.1 40.0 60.0





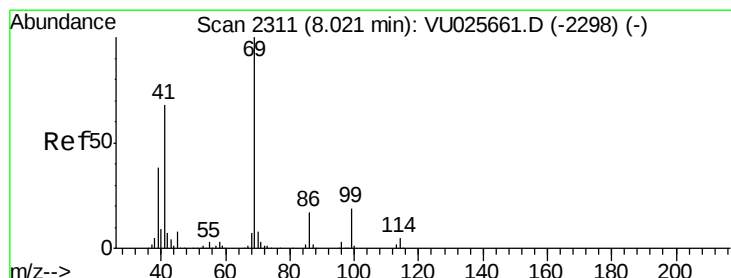
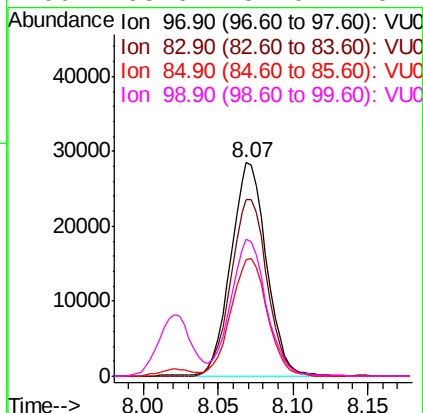
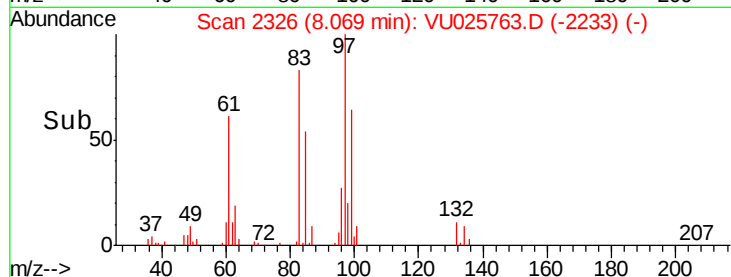
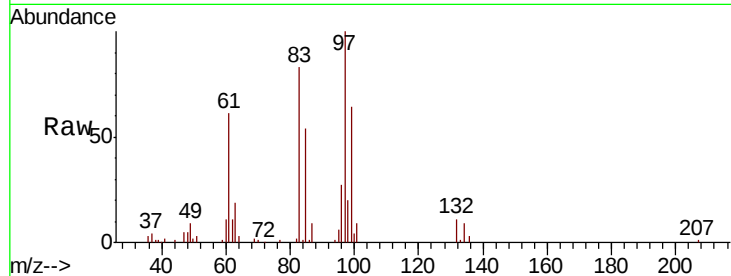
#55
 1,1,2-Trichloroethane
 Concen: 31.828 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU025763.D
 Acq: 01 Aug 2018 09:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0801WBS02

Tot Ion:	97	Resp:	47435
Ion	Ratio	Lower	Upper
97	100		
83	82.9	68.9	103.3
85	54.5	44.4	66.6
99	63.6	51.0	76.4

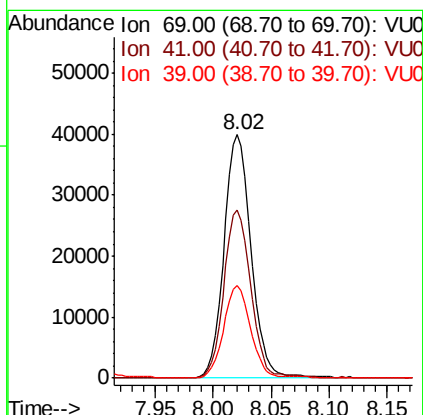
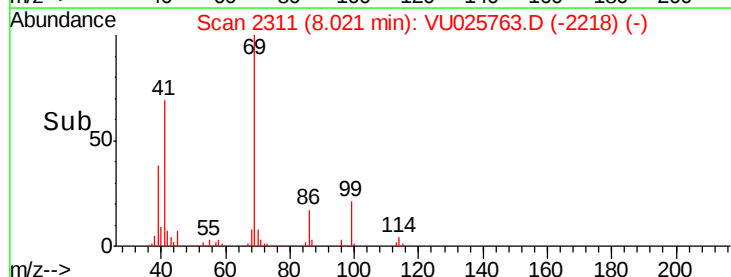
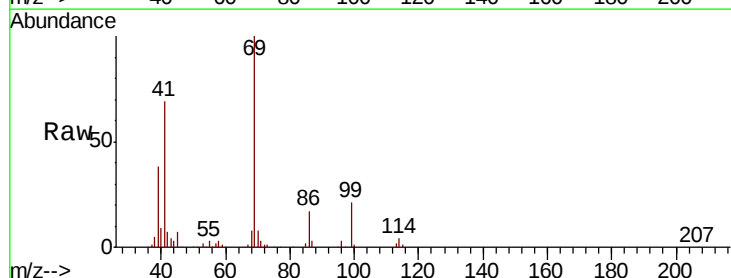
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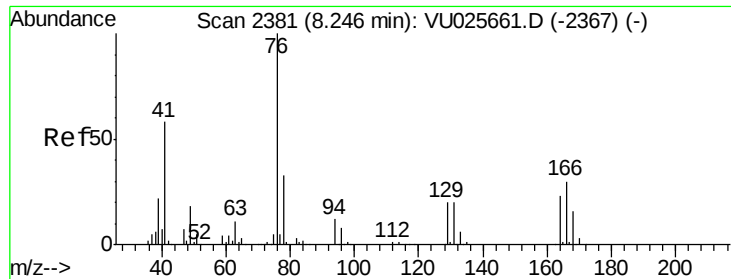
MMDadoda
 8/2/2018 9:41:19 AM



#56
 Ethyl methacrylate
 Concen: 30.428 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU025763.D
 Acq: 01 Aug 2018 09:47

Tgt Ion:	69	Resp:	64793
Ion	Ratio	Lower	Upper
69	100		
41	69.1	54.8	82.2
39	37.2	31.1	46.7





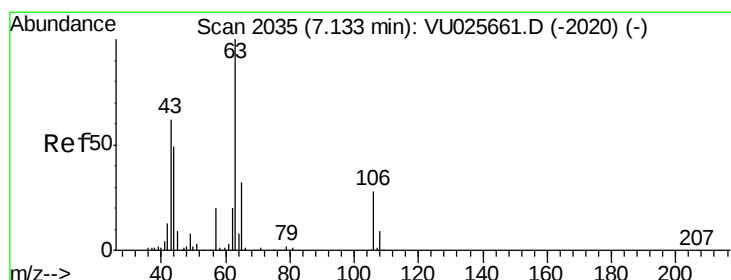
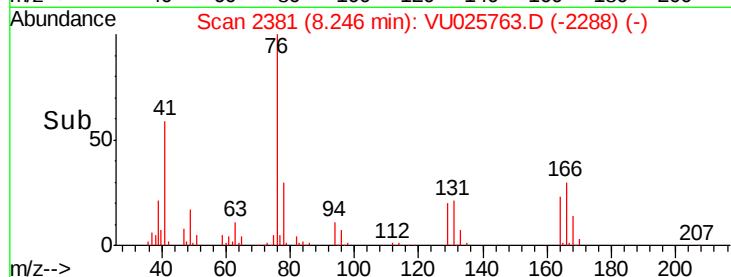
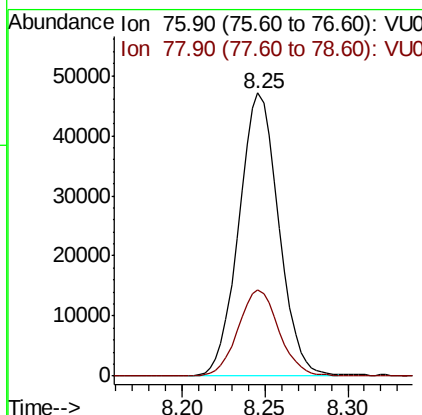
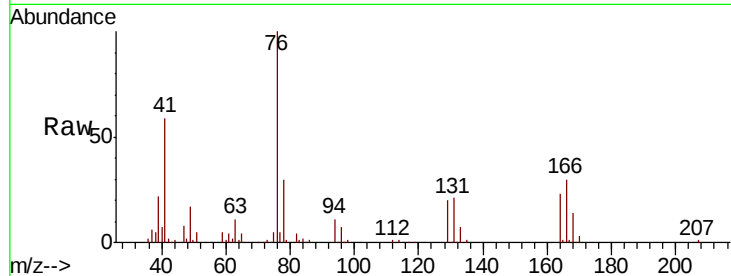
#57
 1,3-Dichloropropane
 Concen: 31.359 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU025763.D
 Acq: 01 Aug 2018 09:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0801WBS02

Tot Ion: 76 Resp: 78596
 Ion Ratio Lower Upper
 76 100
 78 31.3 26.1 39.1

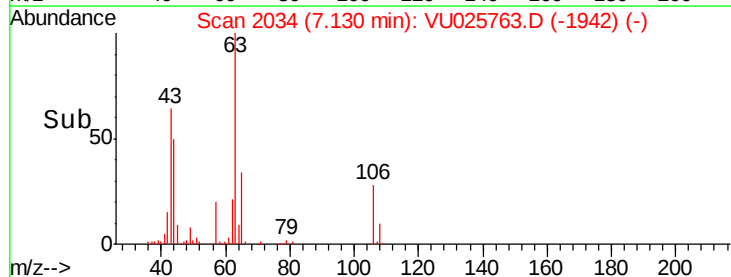
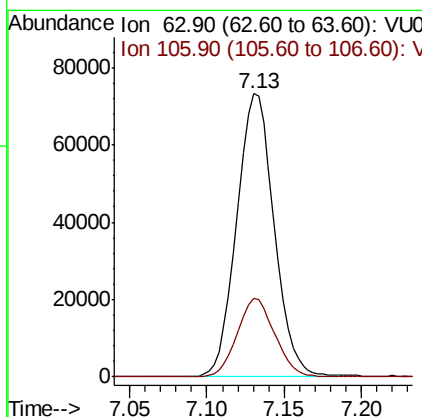
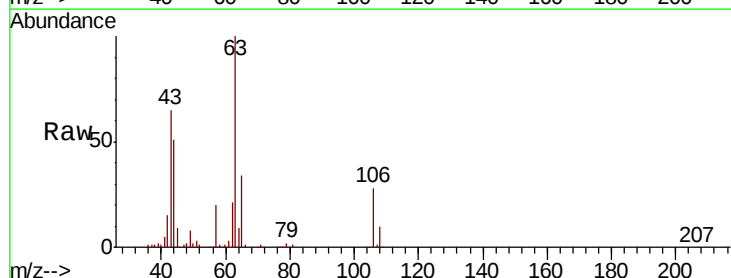
Manual Integrations
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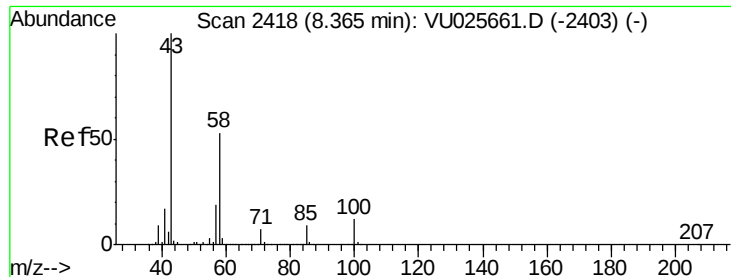
MMDadoda
 8/2/2018 9:41:19 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 131.569 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: VU025763.D
 Acq: 01 Aug 2018 09:47

Tgt Ion: 63 Resp: 123542
 Ion Ratio Lower Upper
 63 100
 106 27.8 22.3 33.5





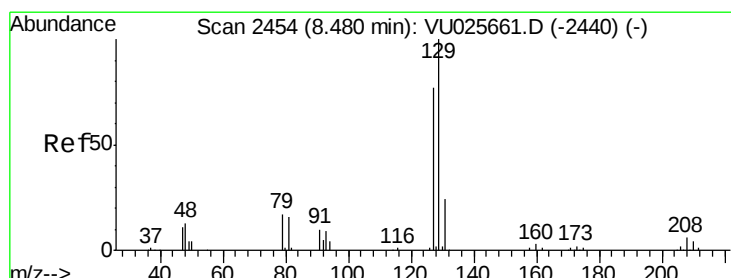
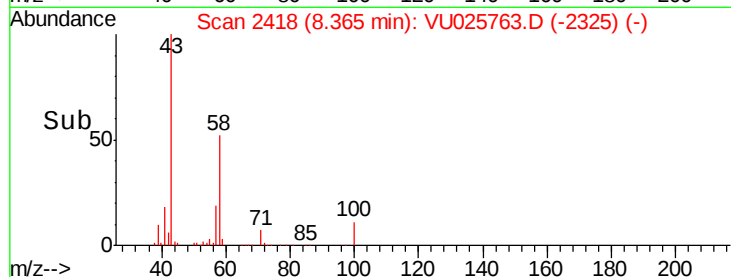
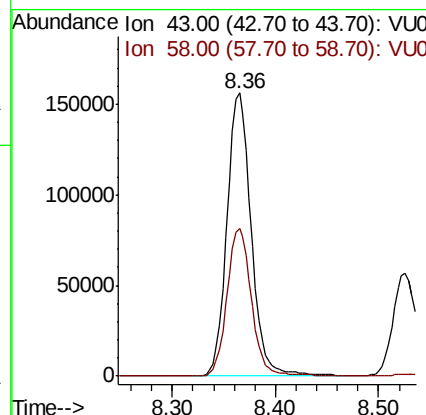
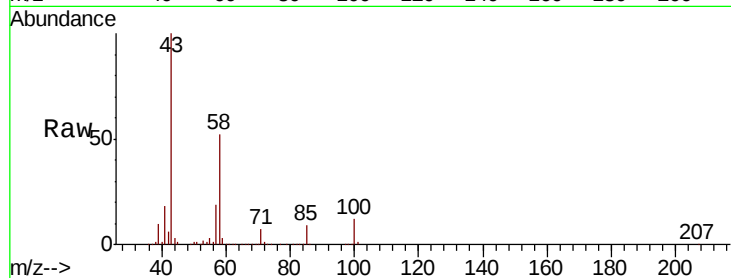
#59
2-Hexanone
Concen: 154.481 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU025763.D
Acq: 01 Aug 2018 09:47

Instrument :
MSVOA_U
ClientSampleId :
VU0801WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.6	26.2	78.5

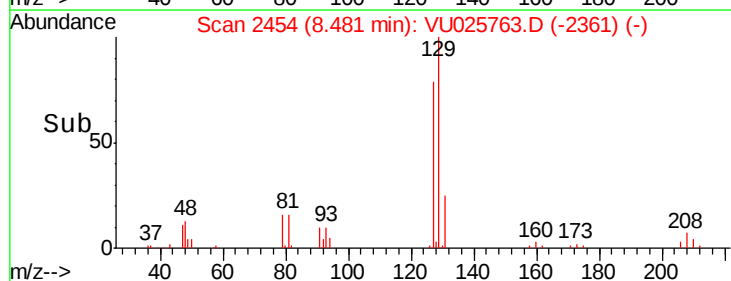
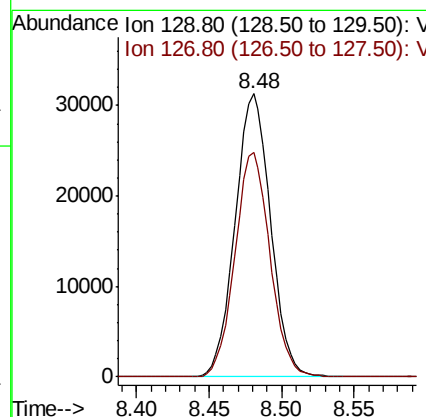
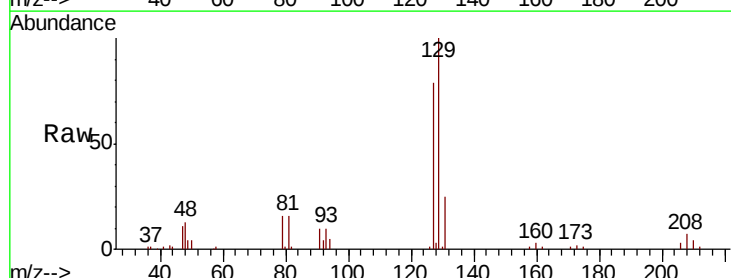
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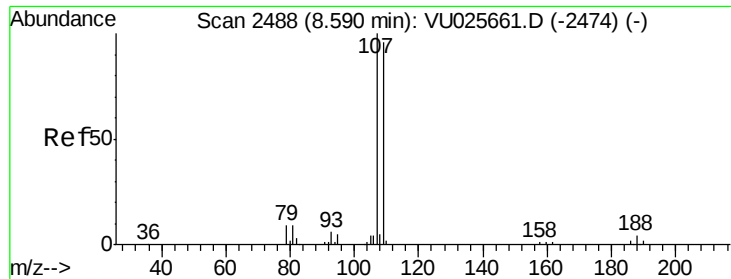
MMDadoda
8/2/2018 9:41:19 AM



#60
Dibromochloromethane
Concen: 30.234 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025763.D
Acq: 01 Aug 2018 09:47

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.2	38.6	115.8





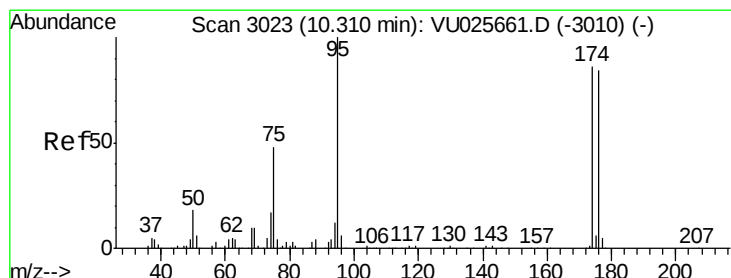
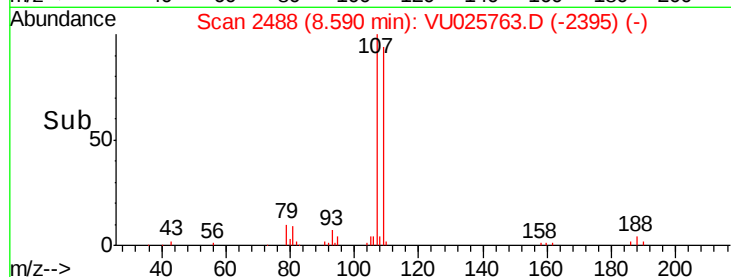
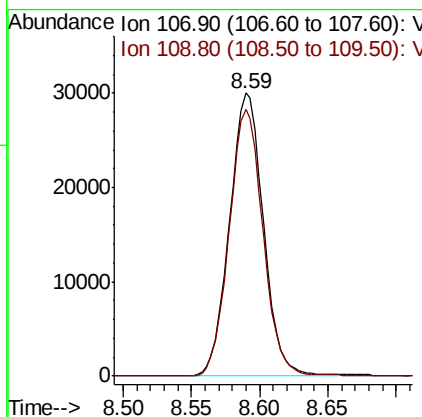
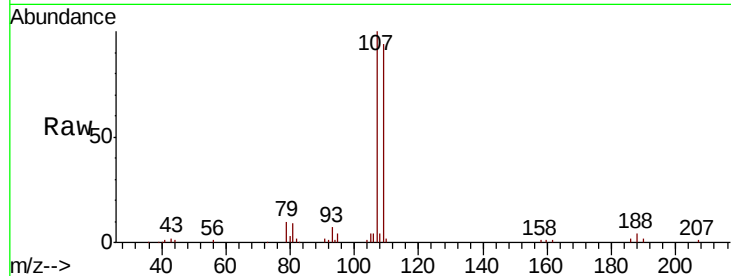
#61
 1,2-Dibromoethane
 Concen: 31.186 ug/l
 RT: 8.59 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: VU025763.D
 Acq: 01 Aug 2018 09:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0801WBS02

Tot Ion:107 Resp: 51690
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.8 113.8

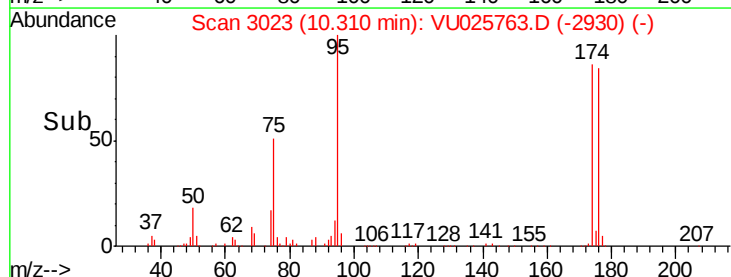
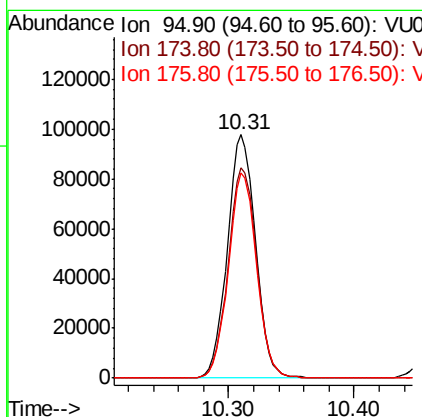
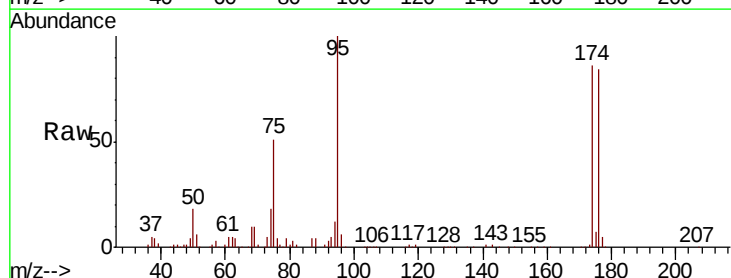
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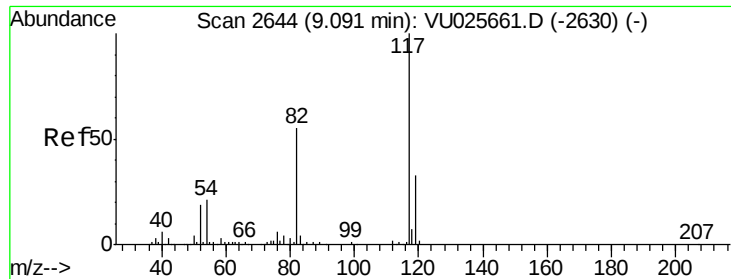
MMDadoda
 8/2/2018 9:41:19 AM



#62
 4-Bromofluorobenzene
 Concen: 76.231 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. 0.00 min
 Lab File: VU025763.D
 Acq: 01 Aug 2018 09:47

Tgt Ion: 95 Resp: 152176
 Ion Ratio Lower Upper
 95 100
 174 87.8 0.0 172.2
 176 84.4 0.0 162.6





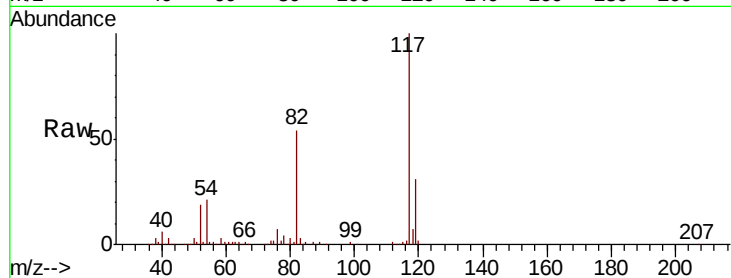
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025763.D
Acq: 01 Aug 2018 09:47

Instrument :
MSVOA_U
ClientSampleId :
VU0801WBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	165240		
82	54.4	46.0	69.0	
119	30.6	26.0	39.0	

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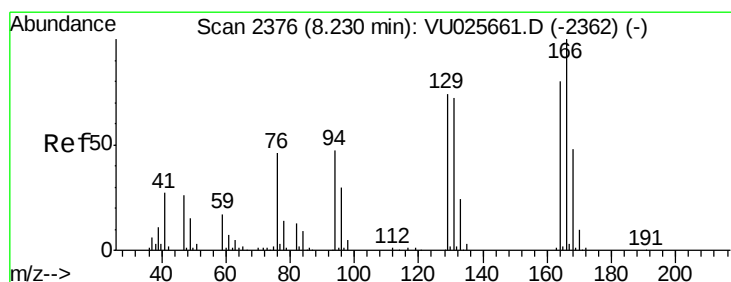
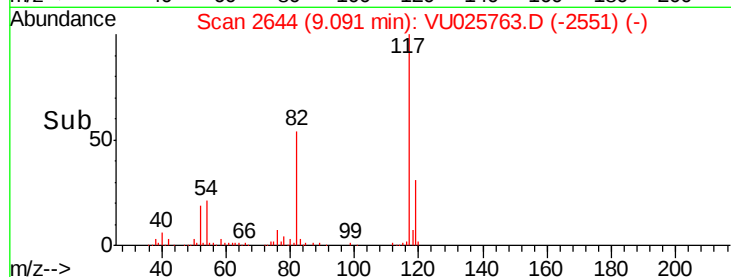
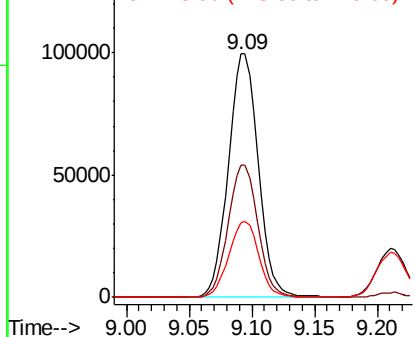


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 30.278 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025763.D
Acq: 01 Aug 2018 09:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	44038		
166	128.6	101.1	151.7	
129	92.9	73.0	109.6	
131	91.1	72.1	108.1	

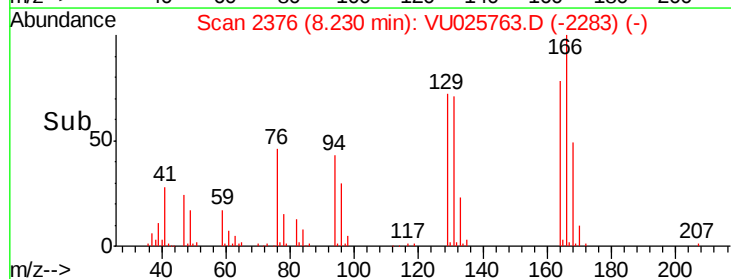
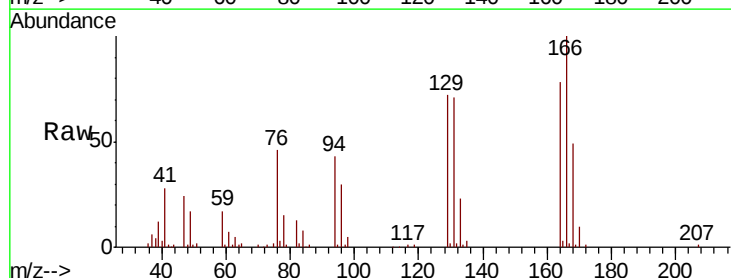
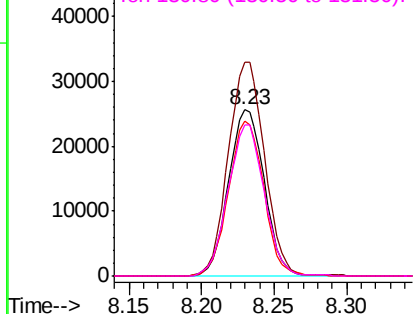
Abundance

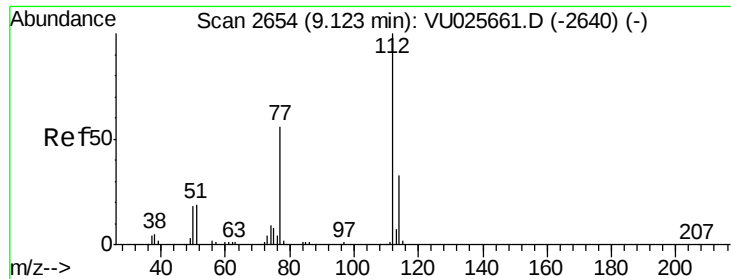
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





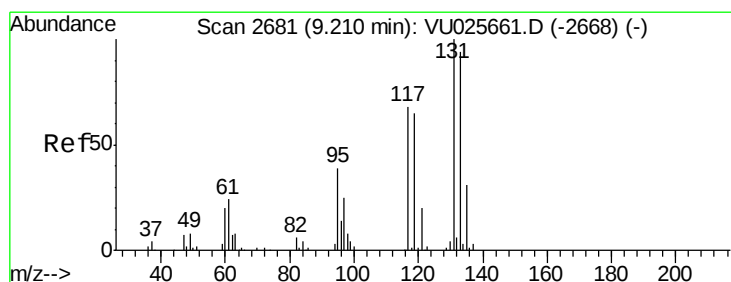
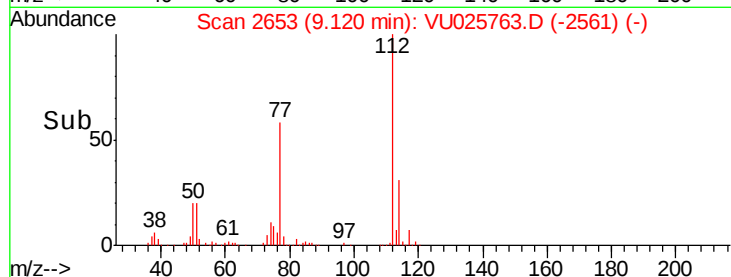
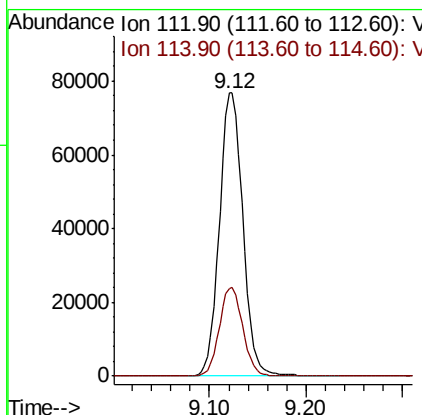
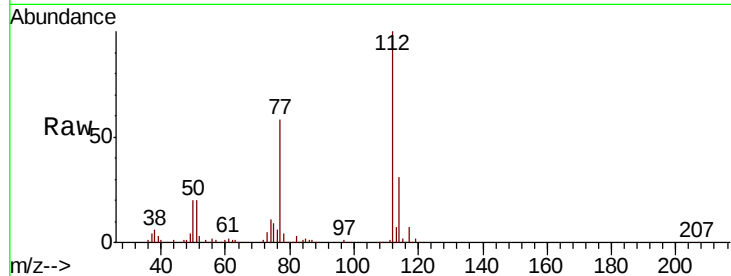
#65
Chlorobenzene
Concen: 30.379 ug/l
RT: 9.12 min Scan# 2653
Delta R.T. -0.00 min
Lab File: VU025763.D
Acq: 01 Aug 2018 09:47

Instrument :
MSVOA_U
ClientSampleId :
VU0801WBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.1	25.8	38.8

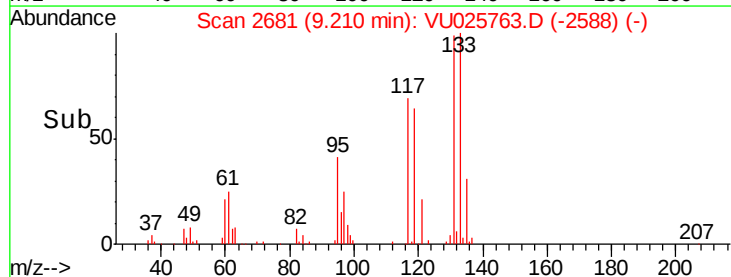
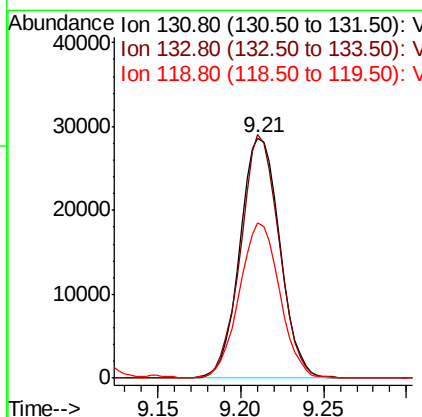
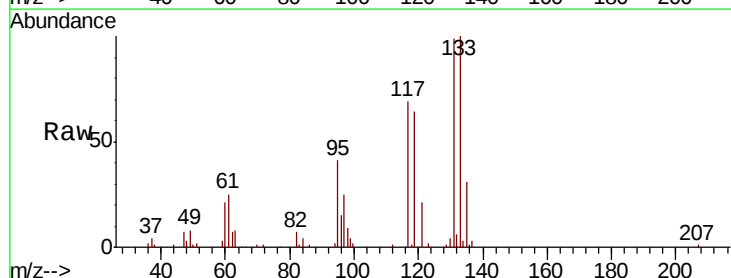
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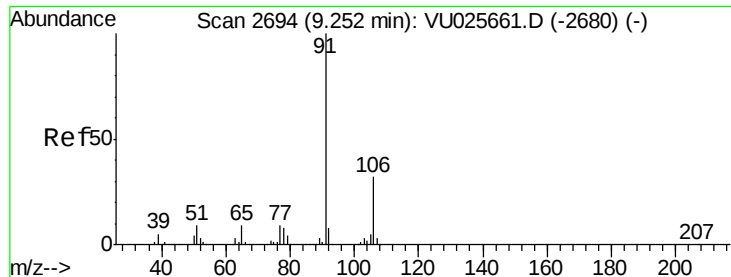
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#66
1,1,1,2-Tetrachloroethane
Concen: 31.146 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU025763.D
Acq: 01 Aug 2018 09:47

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.8	47.8	143.3
119	65.3	31.6	95.0





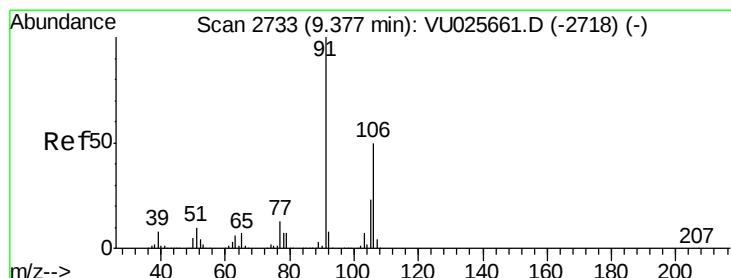
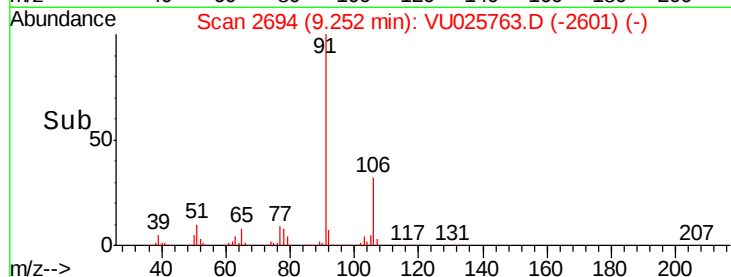
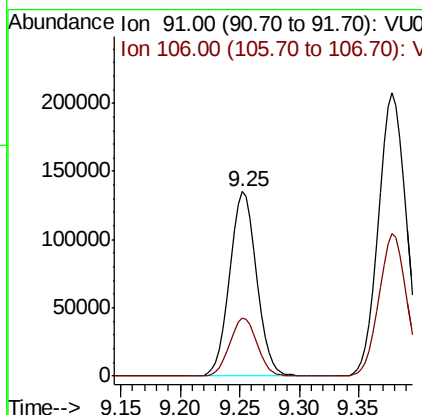
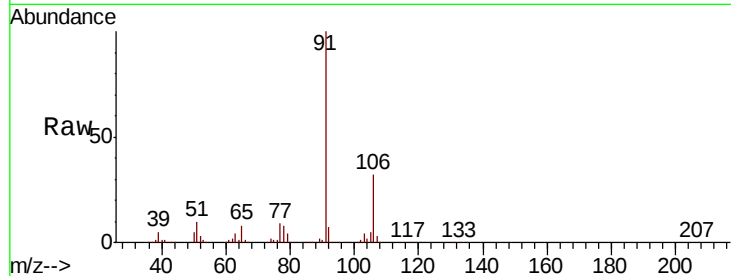
#67
Ethyl Benzene
Concen: 30.168 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025763.D
Acq: 01 Aug 2018 09:47

Instrument :
MSVOA_U
ClientSampleId :
VU0801WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.6	25.3	37.9

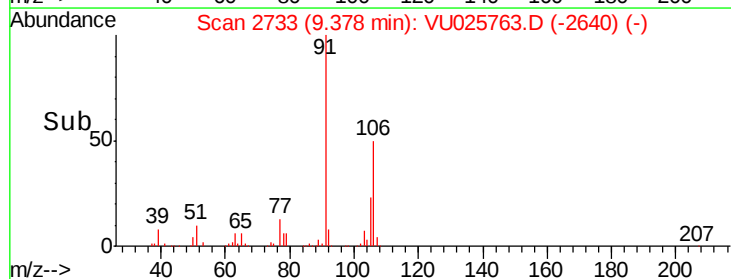
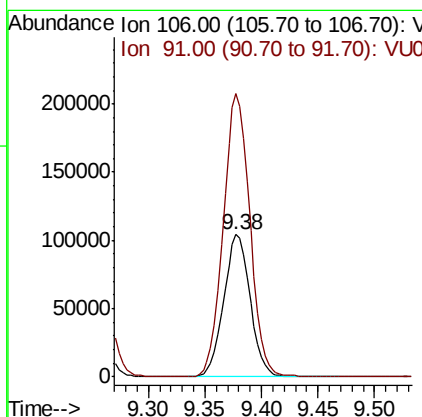
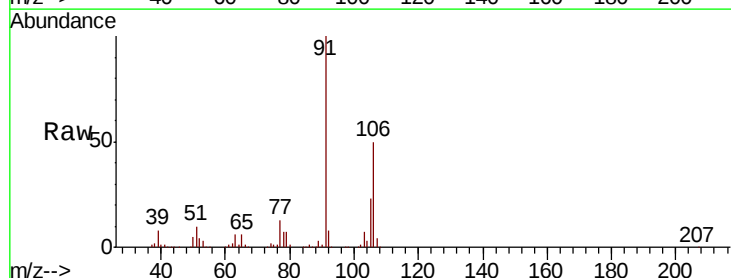
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#68
m/p-Xylenes
Concen: 62.486 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025763.D
Acq: 01 Aug 2018 09:47

Tgt Ion	Ratio	Lower	Upper
106	100		
91	200.8	162.3	243.5





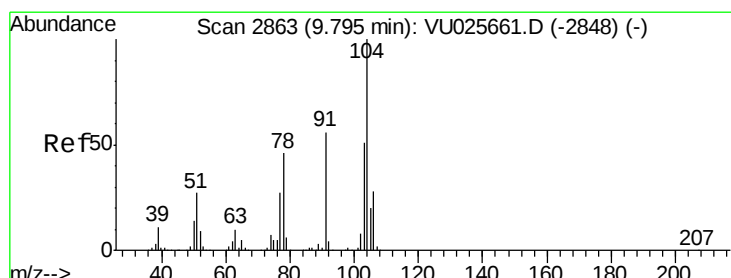
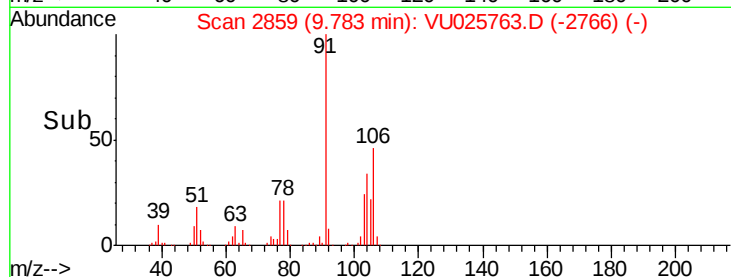
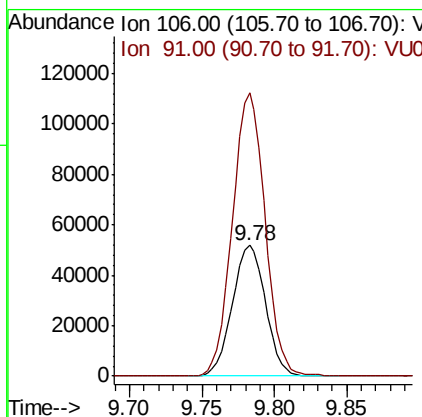
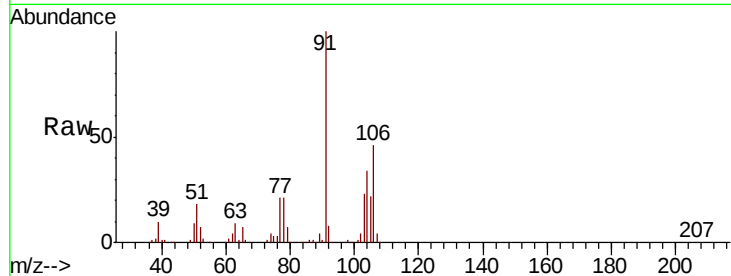
#69
o-Xylene
Concen: 30.966 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025763.D
Acq: 01 Aug 2018 09:47

Instrument :
MSVOA_U
ClientSampleId :
VU0801WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		81995		
91	214.0	105.3	315.8		

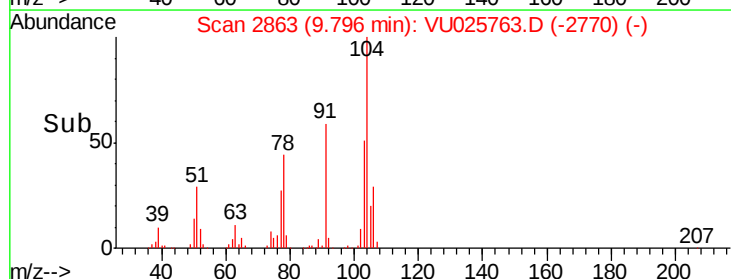
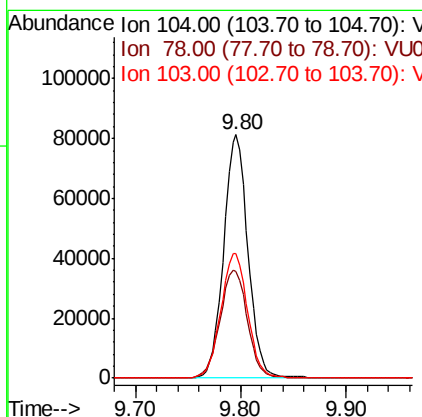
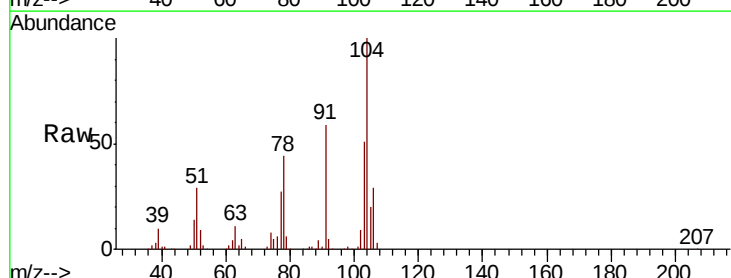
Manual Integrations
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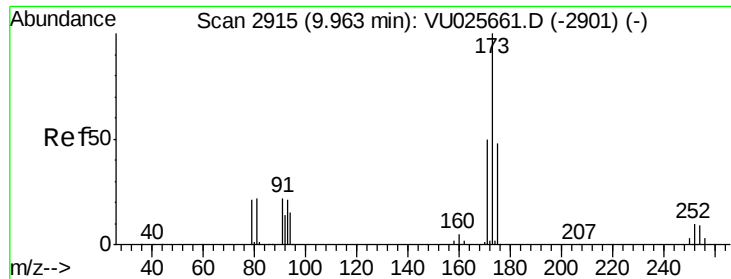
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#70
Styrene
Concen: 30.231 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025763.D
Acq: 01 Aug 2018 09:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		129297		
78	50.1	41.6	62.4		
103	56.4	44.6	66.8		





#71

Bromoform

Concen: 30.766 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025763.D

Acq: 01 Aug 2018 09:47

Instrument :

MSVOA_U

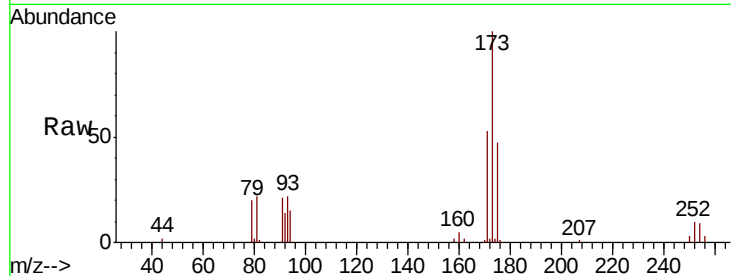
ClientSampleId :

VU0801WBS02

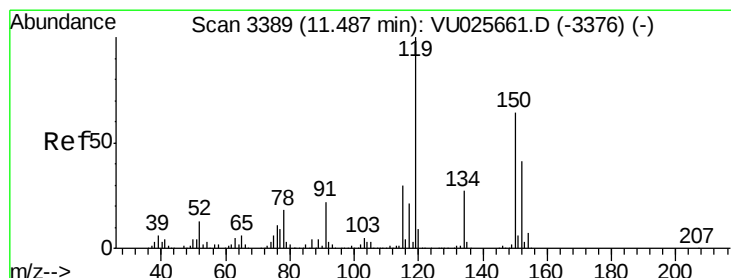
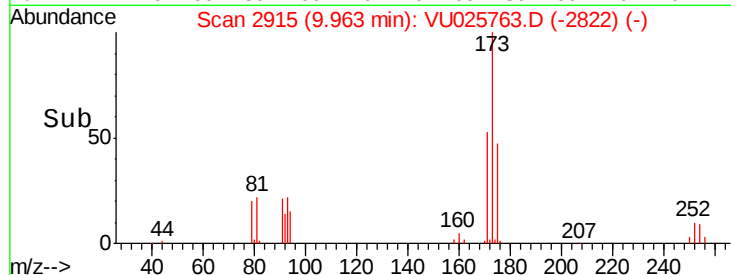
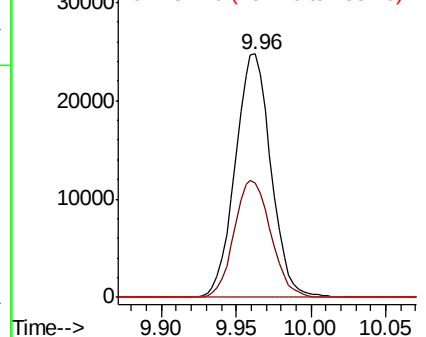
Tot Ion:	173	Resp:	41114
Ion Ratio	Lower	Upper	
173	100		
175	49.1	24.0	72.0
254	0.0	0.0	0.0

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

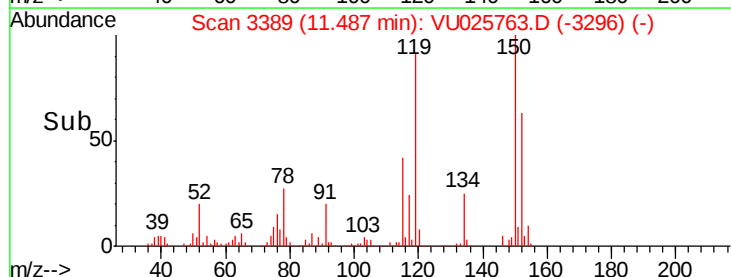
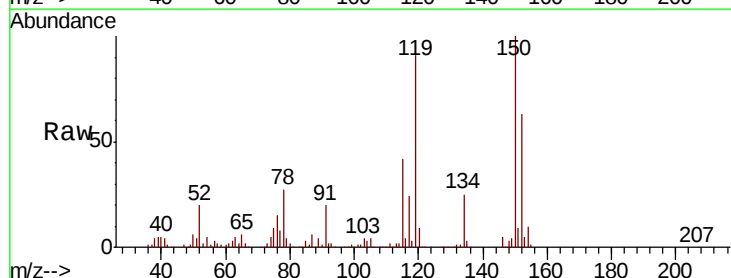
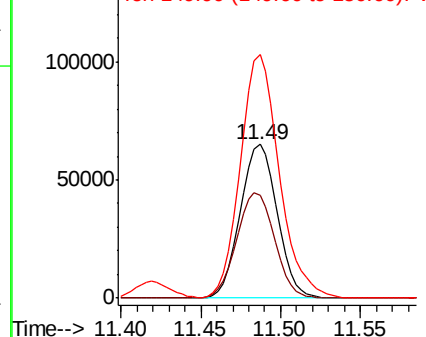
Delta R.T. 0.00 min

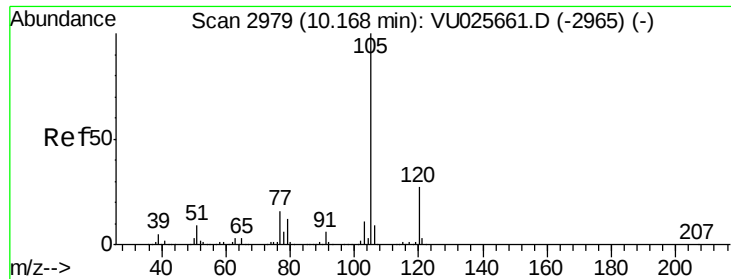
Lab File: VU025763.D

Acq: 01 Aug 2018 09:47

Tgt Ion:	152	Resp:	101928
Ion Ratio	Lower	Upper	
152	100		
115	70.7	40.1	120.3
150	167.3	0.0	351.4

Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 31.704 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025763.D

Acq: 01 Aug 2018 09:47

Instrument :

MSVOA_U

ClientSampleId :

VU0801WBS02

Tot Ion: 105 Resp: 220556

Ion Ratio Lower Upper

105 100

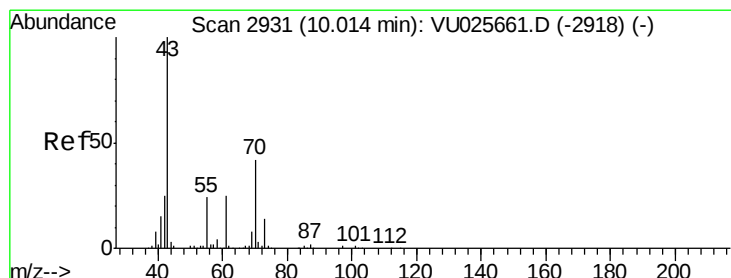
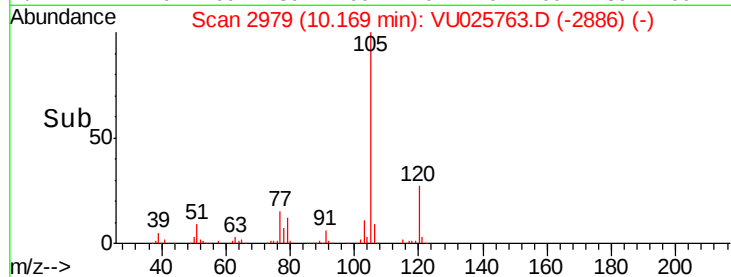
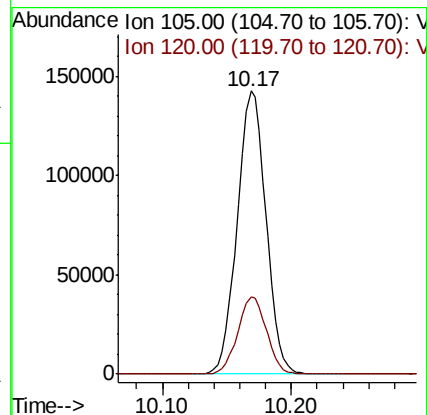
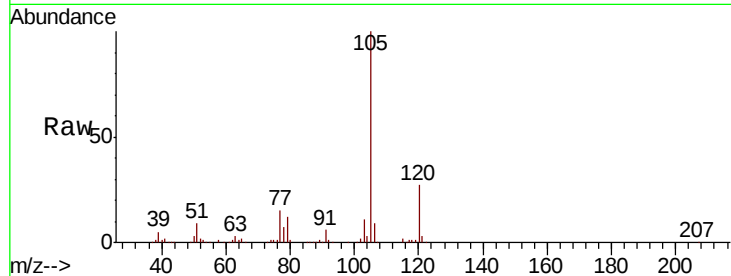
120 27.3 13.5 40.5

Manual Integrations

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#74

N-ethyl acetate

Concen: 31.564 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025763.D

Acq: 01 Aug 2018 09:47

Tgt Ion: 43 Resp: 89643

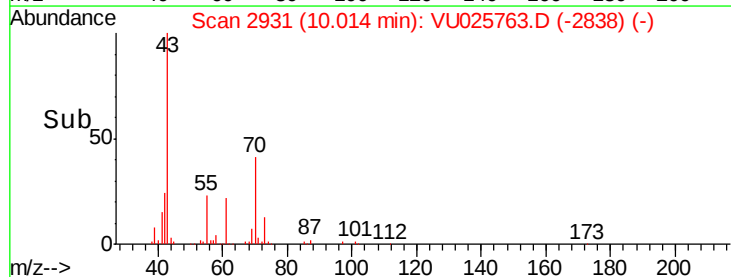
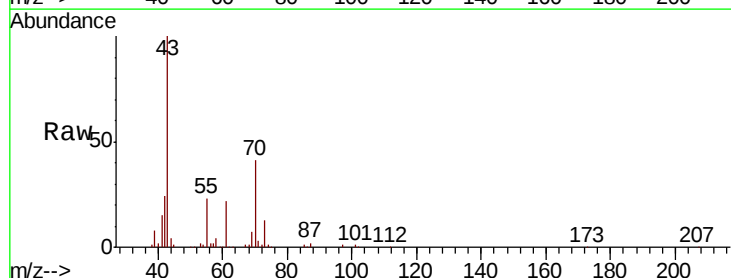
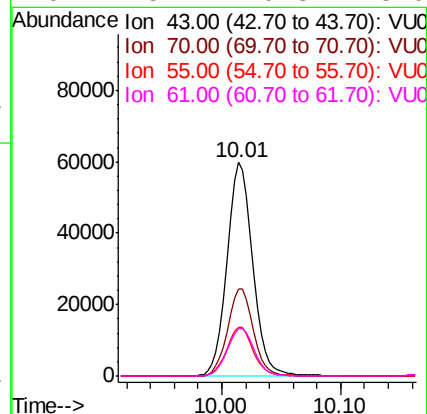
Ion Ratio Lower Upper

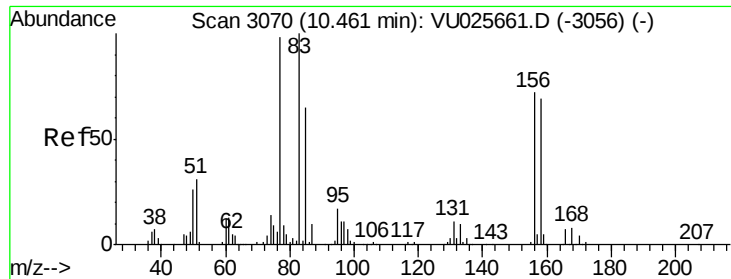
43 100

70 40.8 33.4 50.2

55 23.5 19.0 28.6

61 23.4 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 31.562 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025763.D

Acq: 01 Aug 2018 09:47

Instrument :

MSVOA_U

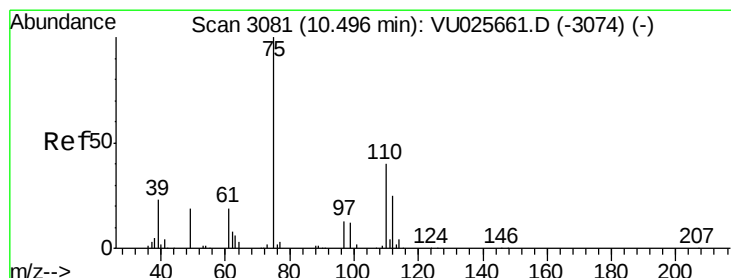
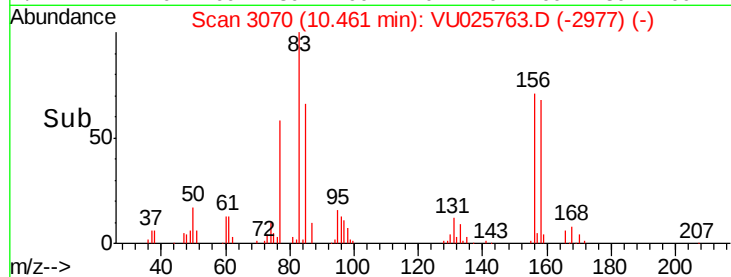
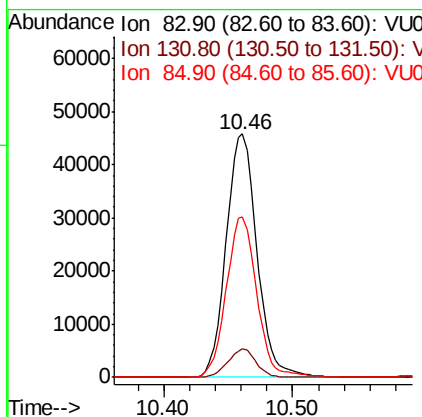
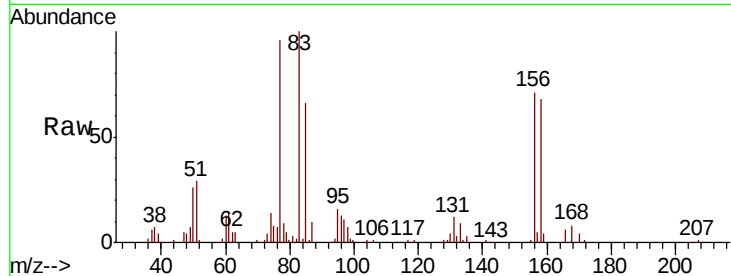
ClientSampleId :

VU0801WBS02

Tot Ion:	83	Resp:	75931
Ion	Ratio	Lower	Upper
83	100		
131	10.7	5.5	16.4
85	65.3	31.6	94.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 28.373 ug/l m

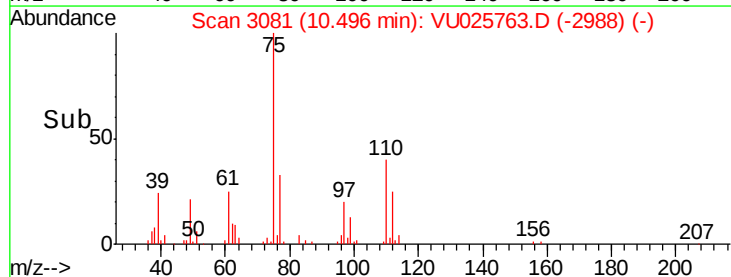
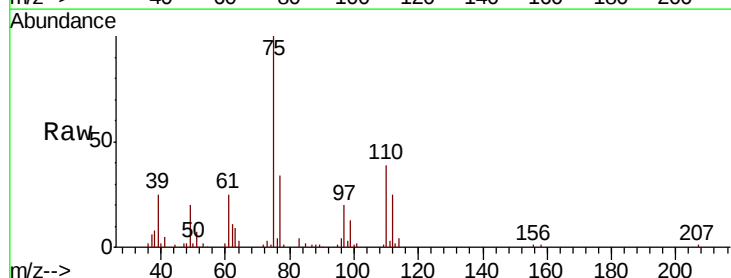
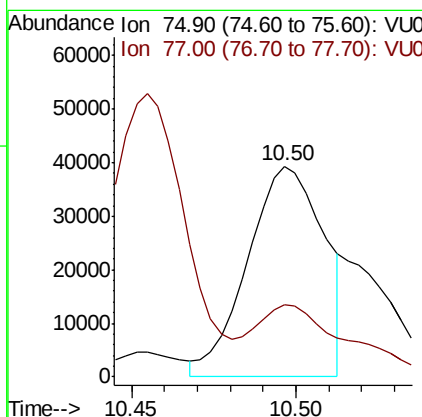
RT: 10.50 min Scan# 3081

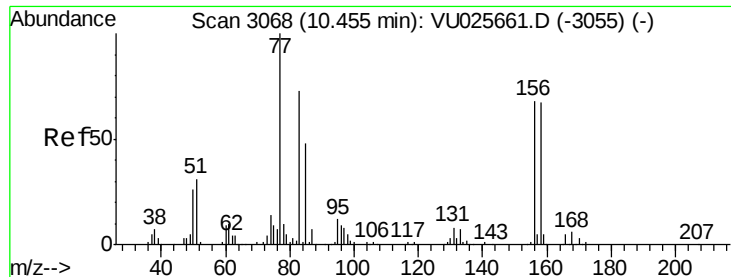
Delta R.T. 0.00 min

Lab File: VU025763.D

Acq: 01 Aug 2018 09:47

Tgt Ion:	75	Resp:	63720
Ion	Ratio	Lower	Upper
75	100		
77	43.3	20.4	61.3





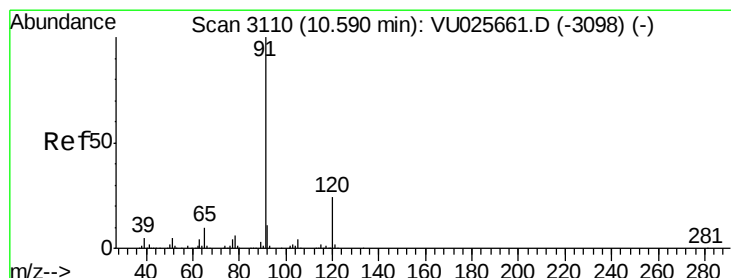
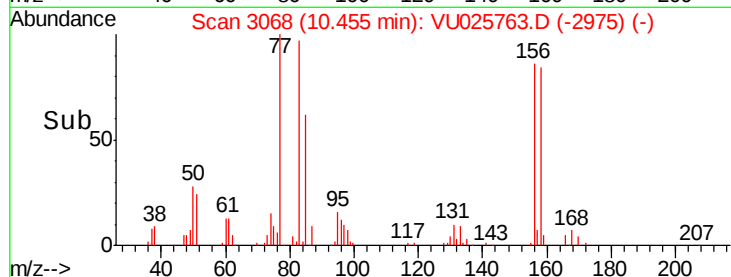
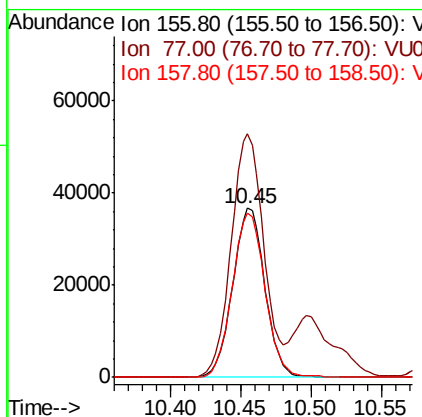
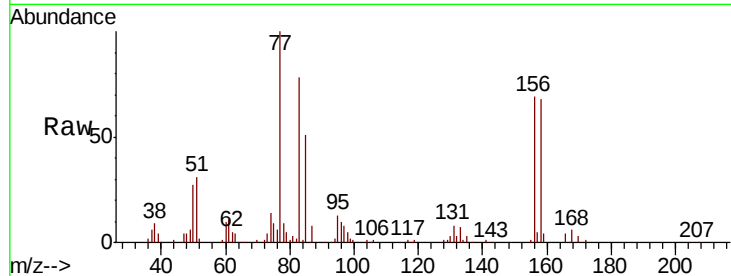
#77
Bromobenzene
Concen: 30.585 ug/l
RT: 10.45 min Scan# 3068
Delta R.T. 0.00 min
Lab File: VU025763.D
Acq: 01 Aug 2018 09:47

Instrument :
MSVOA_U
ClientSampleId :
VU0801WBS02

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	146.1	73.8	221.4	
158	99.1	48.0	144.0	

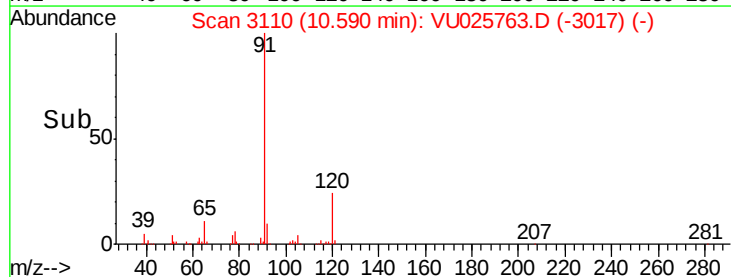
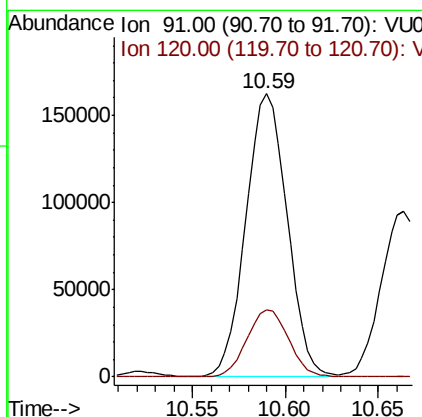
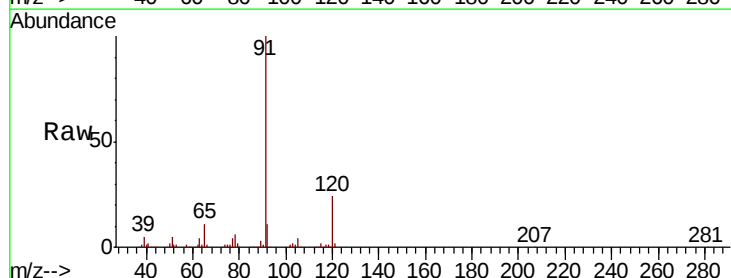
Manual Integrations
APPROVED

MMDadoda
8/2/2018 9:41:19 AM



#78
n-propylbenzene
Concen: 30.891 ug/l
RT: 10.59 min Scan# 3110
Delta R.T. 0.00 min
Lab File: VU025763.D
Acq: 01 Aug 2018 09:47

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	24.0	11.8	35.3	





#79

2-Chlorotoluene

Concen: 31.769 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025763.D

Acq: 01 Aug 2018 09:47

Instrument :

MSVOA_U

ClientSampleId :

VU0801WBS02

Tot Ion: 91 Resp: 151090

Ion Ratio Lower Upper

91 100

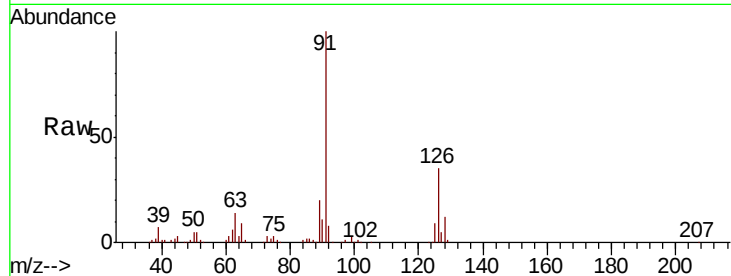
126 35.6 17.5 52.6

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VU025763.D (-3040) (-)

Ion 125.90 (125.60 to 126.60): VU025763.D (-3040) (-)

150000

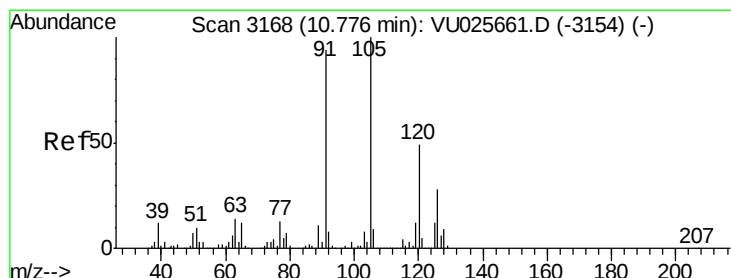
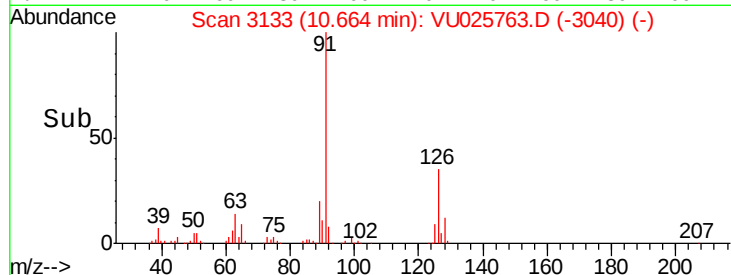
100000

50000

0

10.60 10.65 10.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 32.040 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025763.D

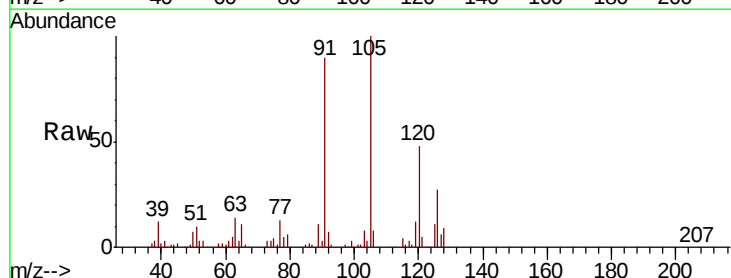
Acq: 01 Aug 2018 09:47

Tgt Ion: 105 Resp: 189301

Ion Ratio Lower Upper

105 100

120 48.4 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VU025763.D (-3075) (-)

Ion 120.00 (119.70 to 120.70): VU025763.D (-3075) (-)

150000

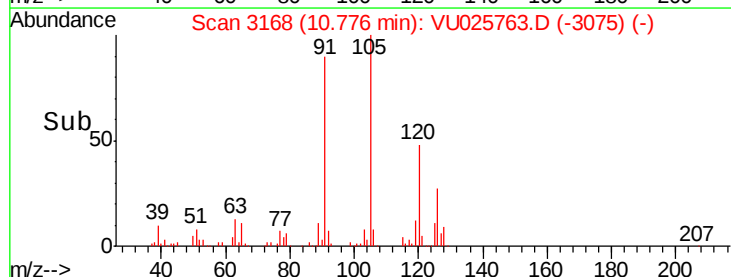
100000

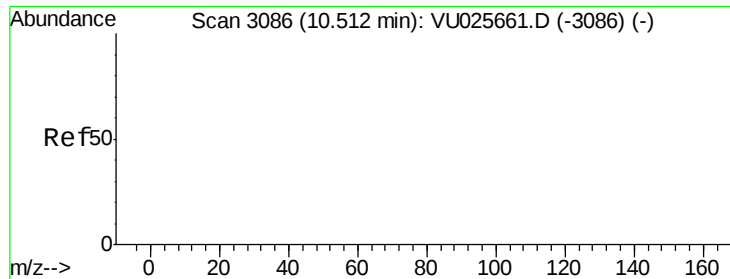
50000

0

10.70 10.75 10.80 10.85

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 26.358 ug/l m

RT: 10.51 min Scan# 3086

Delta R.T. 0.02 min

Lab File: VU025763.D

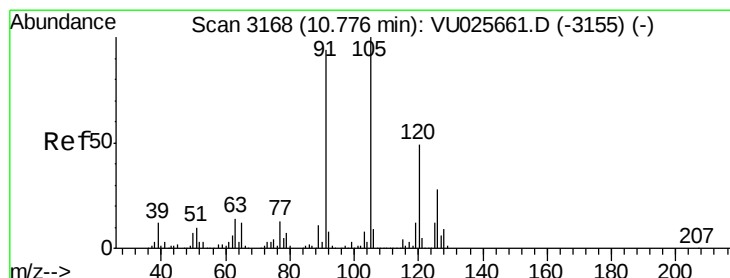
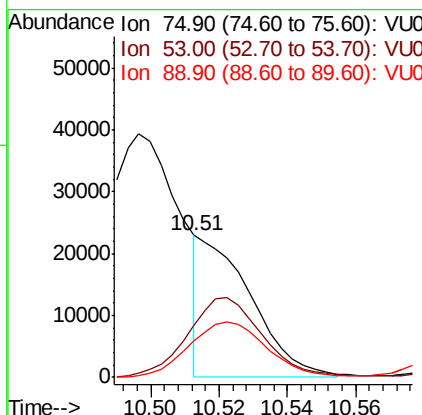
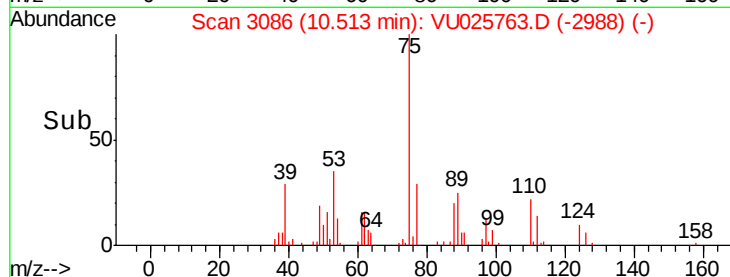
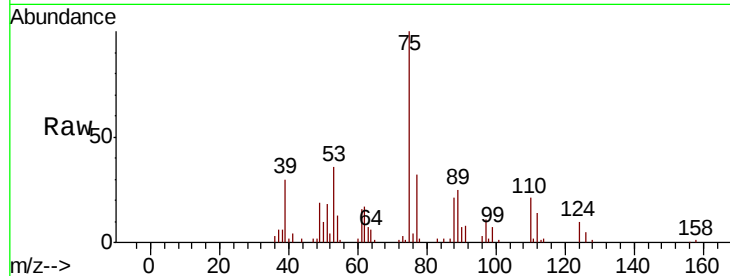
Acq: 01 Aug 2018 09:47

Instrument :
MSVOA_U
ClientSampleId :
VU0801WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0

Manual Integrations
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8/2/2018 9:41:19 AM



#82

4-Chlorotoluene

Concen: 31.352 ug/l

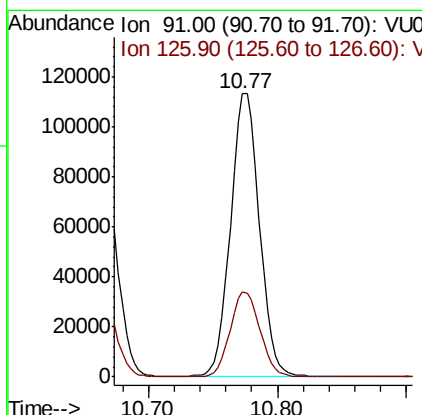
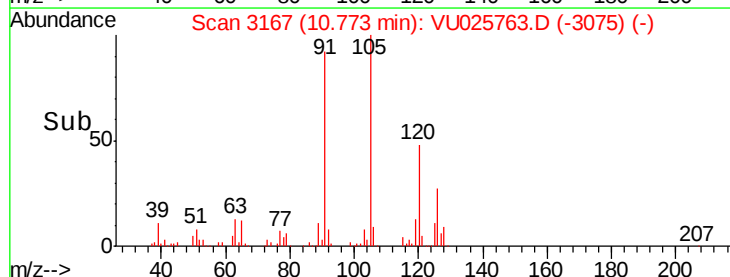
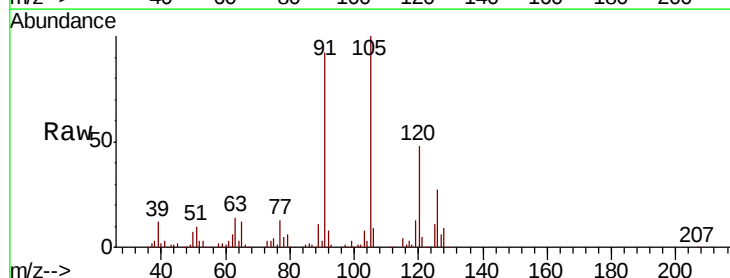
RT: 10.77 min Scan# 3167

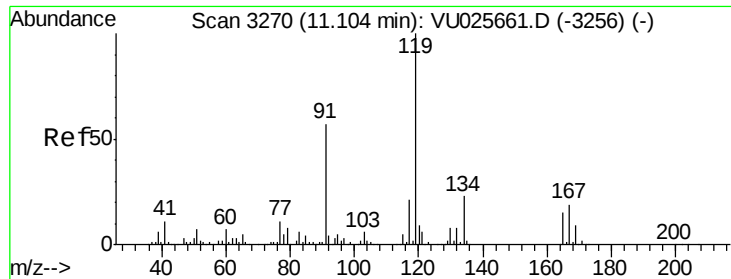
Delta R.T. -0.00 min

Lab File: VU025763.D

Acq: 01 Aug 2018 09:47

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.3	45.9





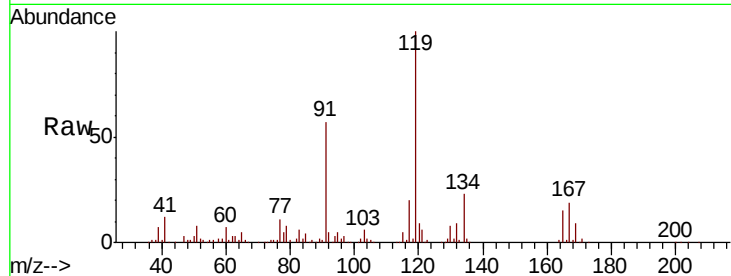
#83
tert-Butylbenzene
Concen: 31.625 ug/l
RT: 11.10 min Scan# 3269
Delta R.T. -0.00 min
Lab File: VU025763.D
Acq: 01 Aug 2018 09:47

Instrument :
MSVOA_U
ClientSampleId :
VU0801WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	185647		
91	57.5	29.7	89.1	
134	23.2	11.5	34.5	

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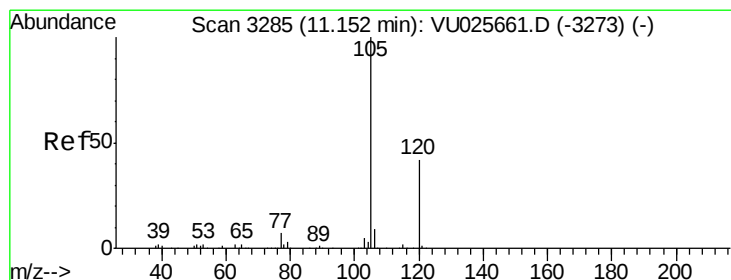
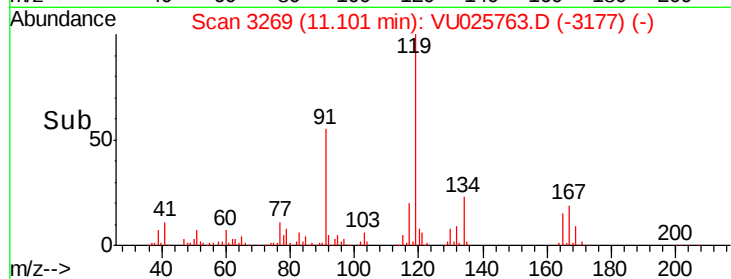
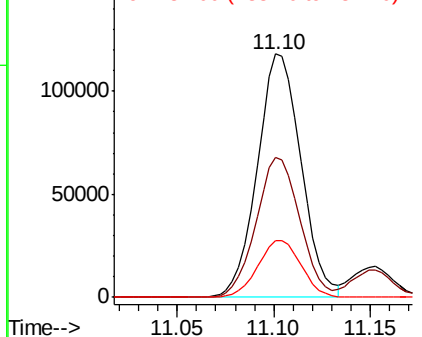


Abundance

Ion 119.00 (118.70 to 119.70): V

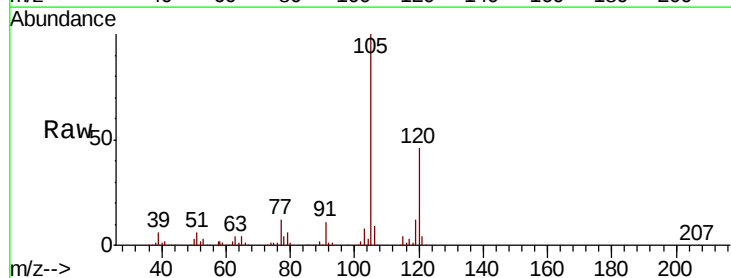
Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84
1,2,4-Trimethylbenzene
Concen: 32.452 ug/l
RT: 11.15 min Scan# 3285
Delta R.T. 0.00 min
Lab File: VU025763.D
Acq: 01 Aug 2018 09:47

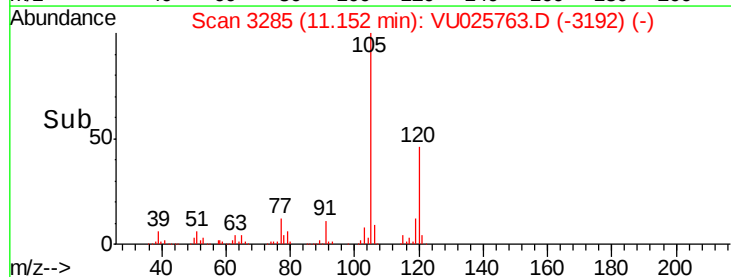
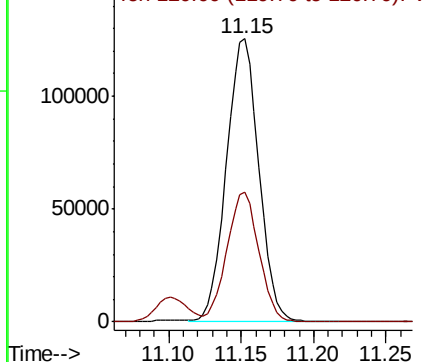
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	194298		
120	45.3	22.3	66.8	

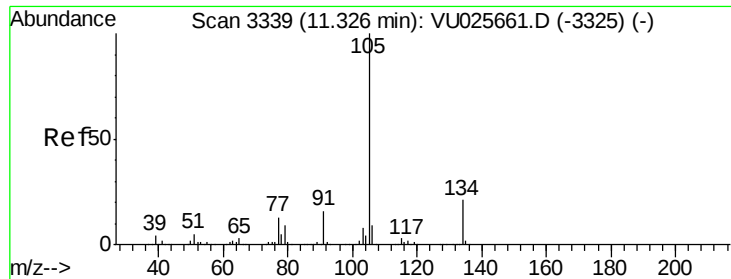


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 31.092 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025763.D

Acq: 01 Aug 2018 09:47

Instrument :

MSVOA_U

ClientSampleId :

VU0801WBS02

Tot Ion:105 Resp: 222835

Ion Ratio Lower Upper

105 100

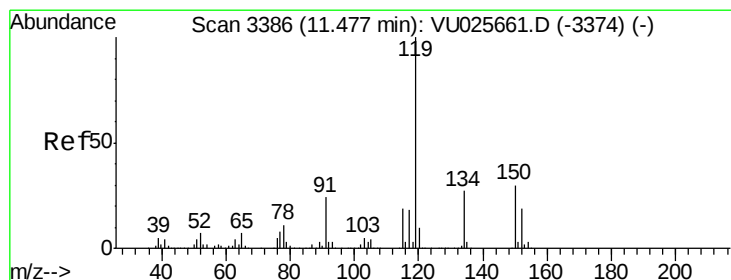
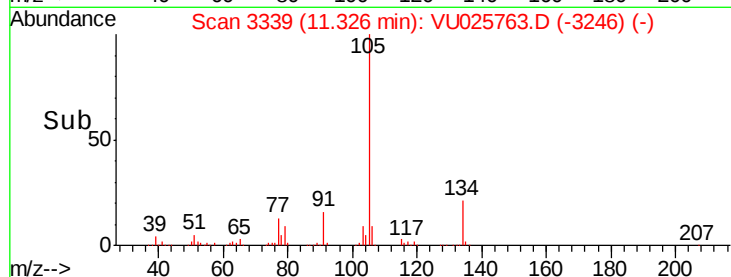
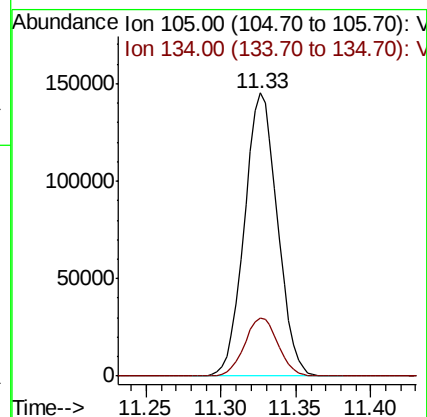
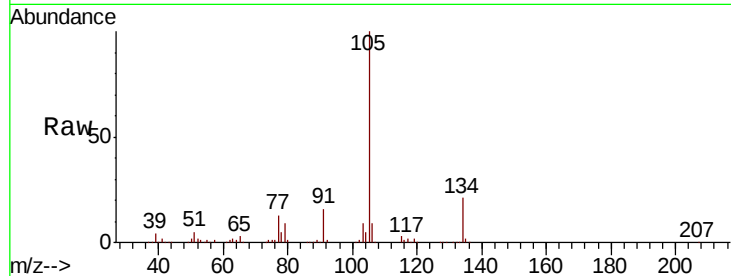
134 20.8 10.3 30.8

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 30.845 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VU025763.D

Acq: 01 Aug 2018 09:47

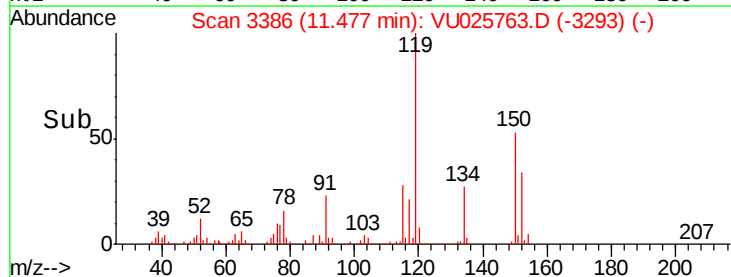
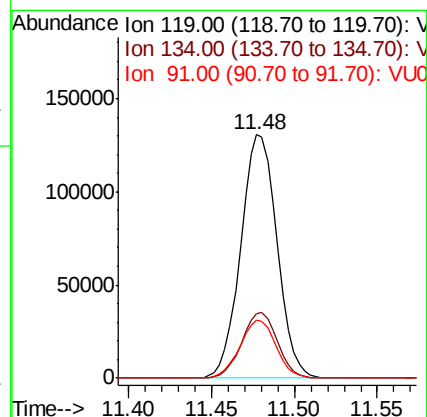
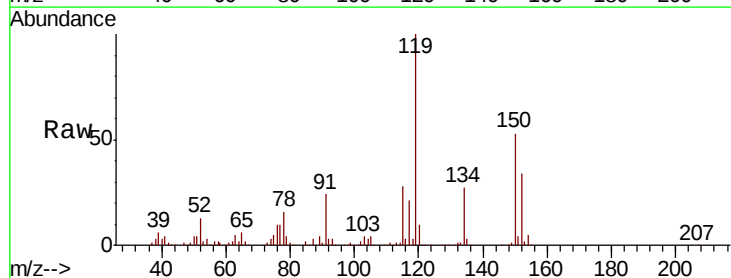
Tgt Ion:119 Resp: 197947

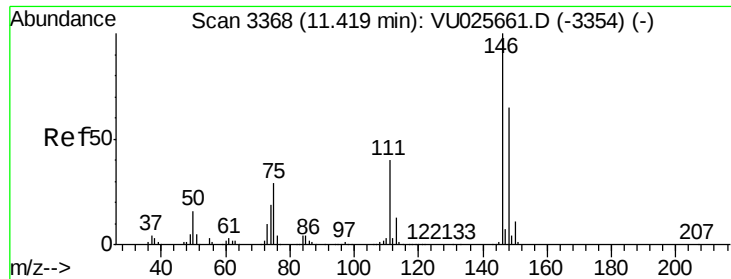
Ion Ratio Lower Upper

119 100

134 26.6 13.2 39.5

91 23.6 12.0 36.1





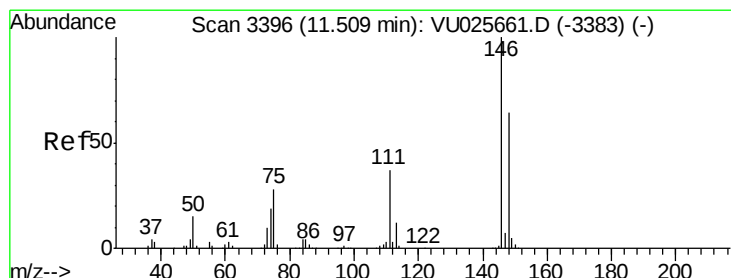
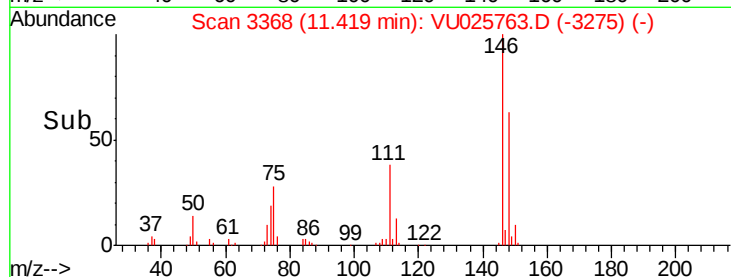
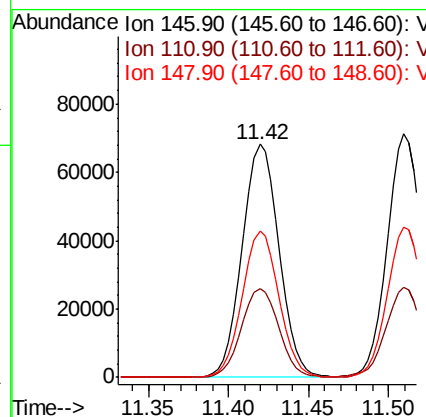
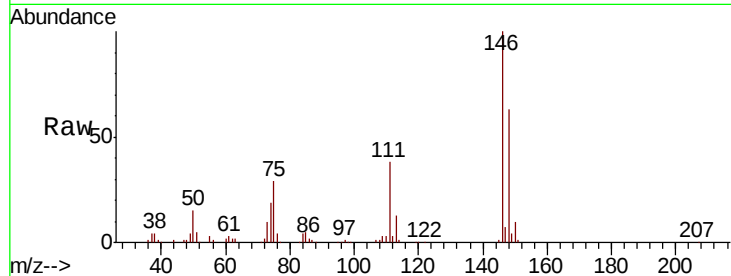
#87
 1,3-Dichlorobenzene
 Concen: 30.096 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU025763.D
 Acq: 01 Aug 2018 09:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0801WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.7	59.1
148	62.4	32.1	96.3

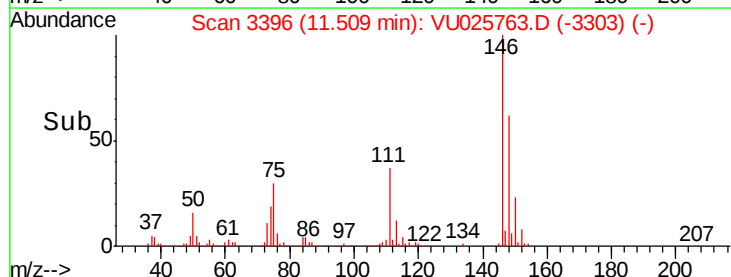
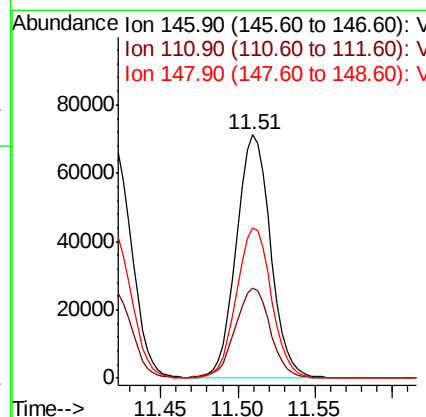
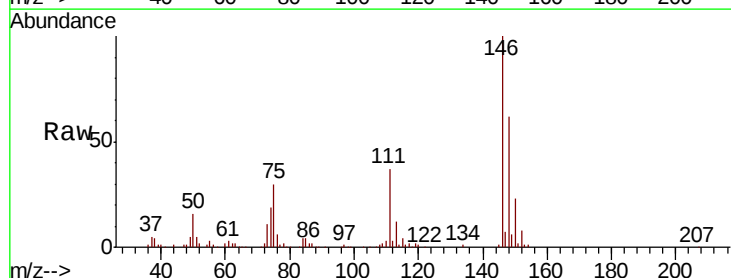
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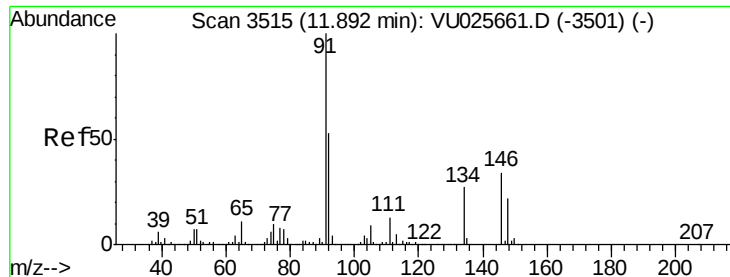
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#88
 1,4-Dichlorobenzene
 Concen: 29.496 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025763.D
 Acq: 01 Aug 2018 09:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.4	58.1
148	63.2	31.7	95.1





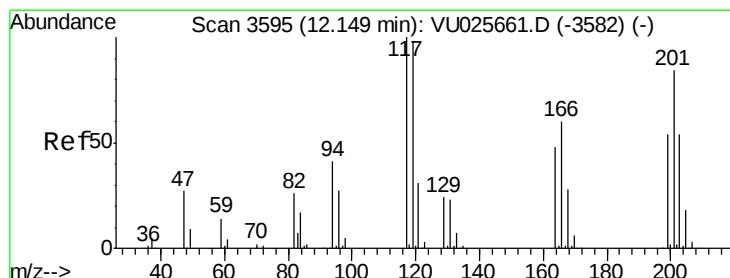
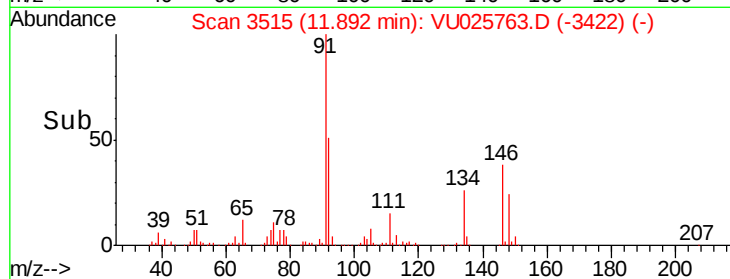
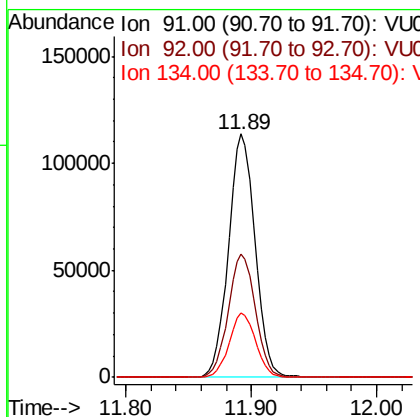
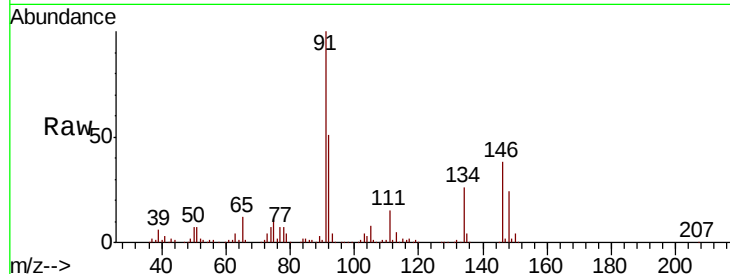
#89
n-Butylbenzene
Concen: 28.234 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU025763.D
Acq: 01 Aug 2018 09:47

Instrument :
MSVOA_U
ClientSampleId :
VU0801WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.5	79.5
134	26.3	13.6	40.7

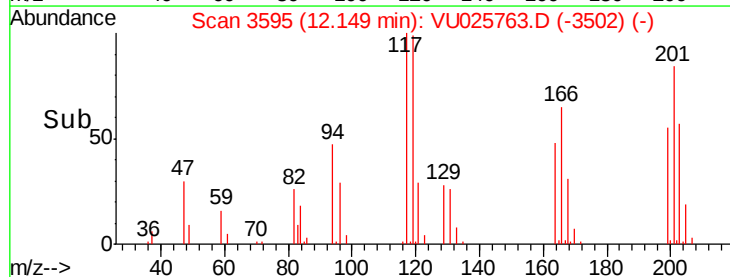
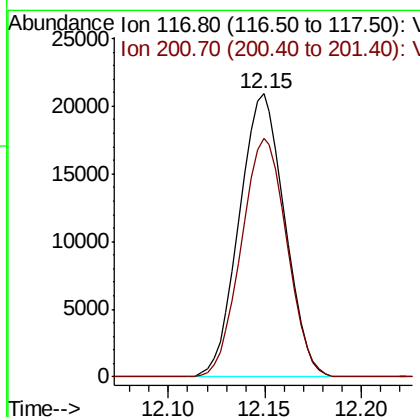
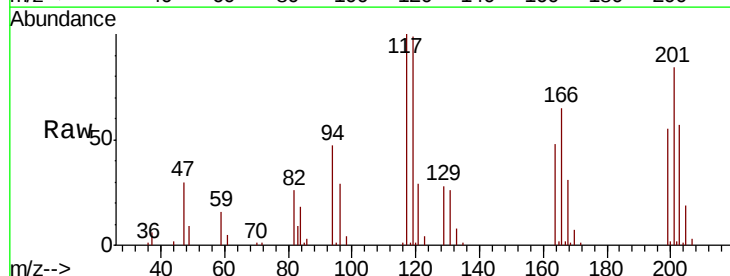
Manual Integrations
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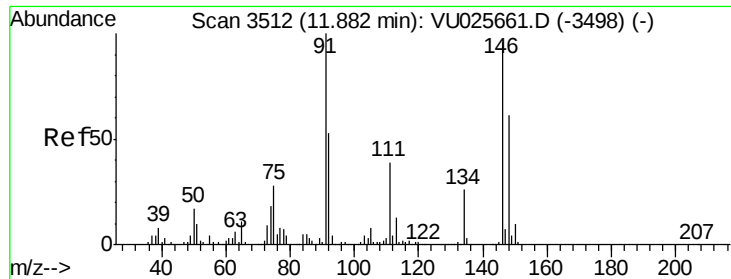
MMDadoda
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#90
Hexachloroethane
Concen: 30.013 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU025763.D
Acq: 01 Aug 2018 09:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.5	42.5	127.6





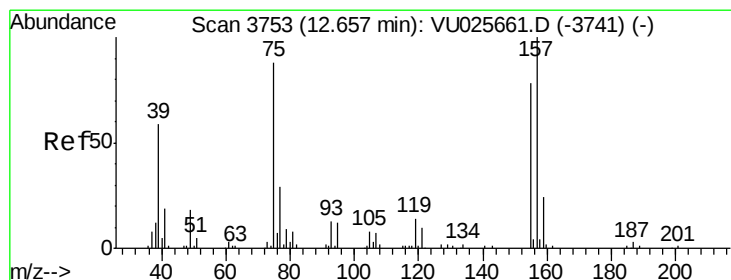
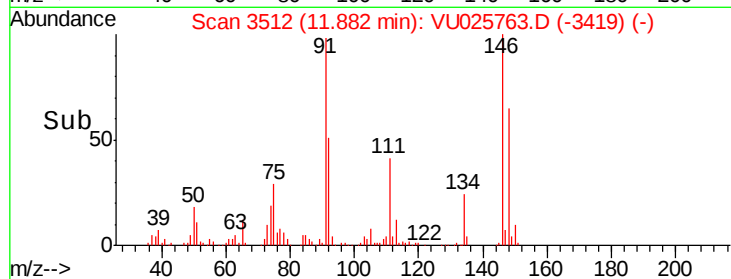
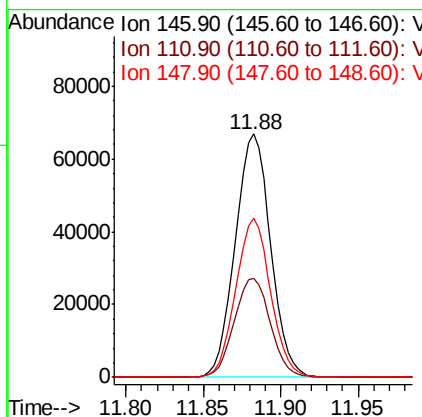
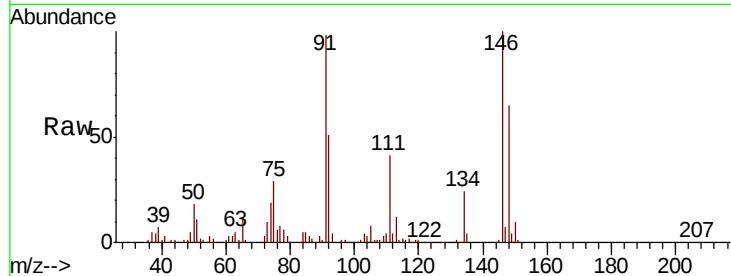
#91
 1,2-Dichlorobenzene
 Concen: 30.428 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU025763.D
 Acq: 01 Aug 2018 09:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0801WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.6	61.8
148	64.4	31.5	94.5

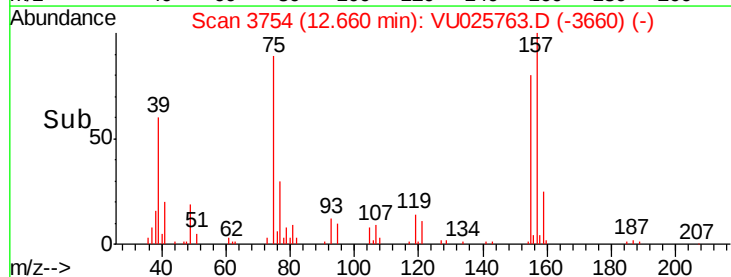
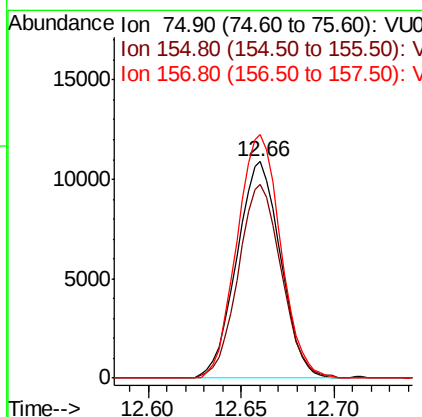
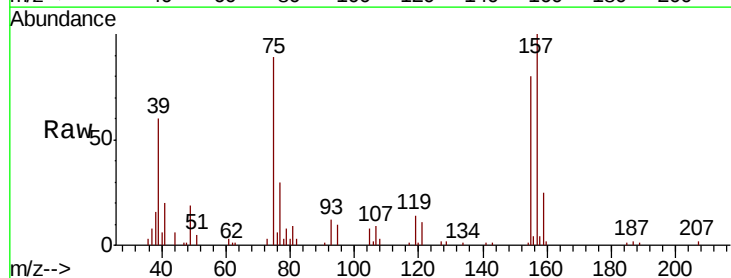
Manual Integrations
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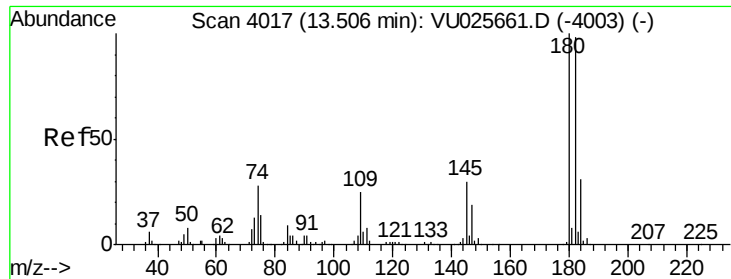
MMDadoda
 8/2/2018 9:41:19 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 31.304 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU025763.D
 Acq: 01 Aug 2018 09:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.1	44.5	133.3
157	112.3	57.0	170.8





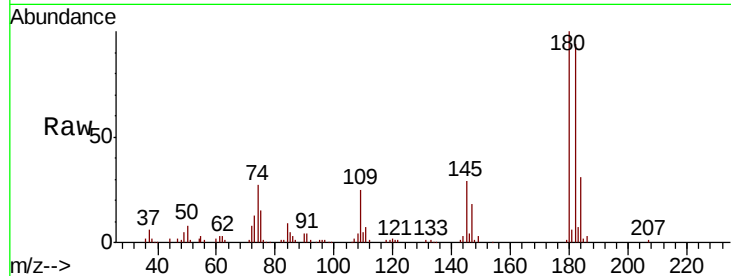
#93
 1,2,4-Trichlorobenzene
 Concen: 29.136 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025763.D
 Acq: 01 Aug 2018 09:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0801WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.3	141.9
145	29.0	14.9	44.7

Manual Integrations
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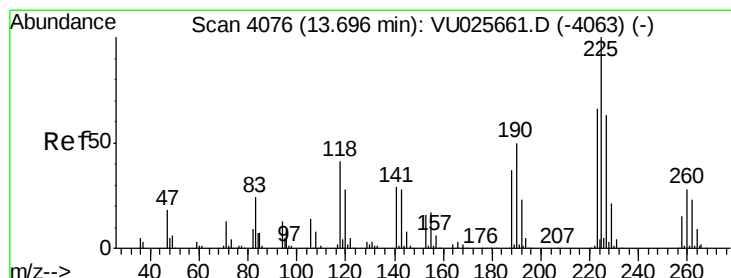
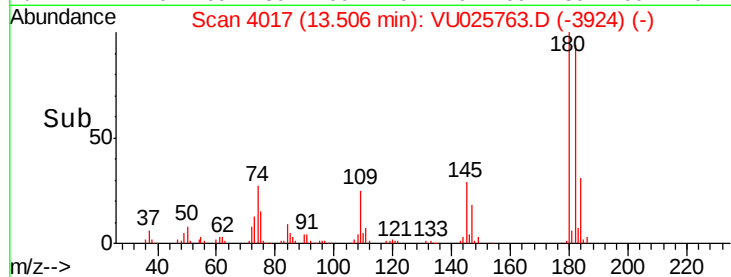
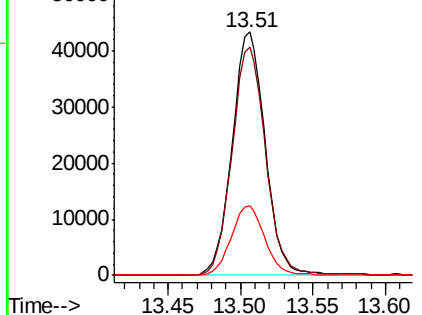


Abundance

Ion 179.80 (179.50 to 180.50): V

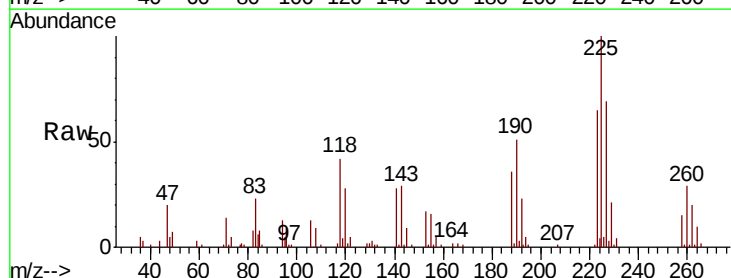
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 27.039 ug/l
 RT: 13.69 min Scan# 4075
 Delta R.T. -0.00 min
 Lab File: VU025763.D
 Acq: 01 Aug 2018 09:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.7	31.9	95.7
227	67.4	32.3	96.9

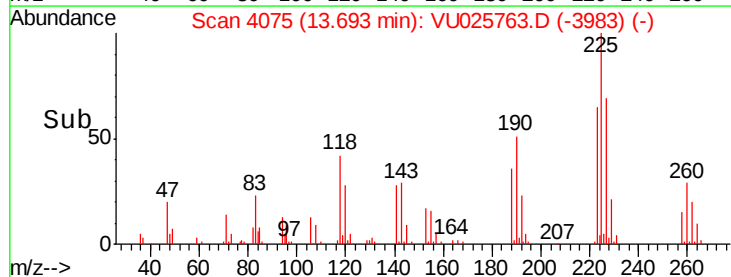
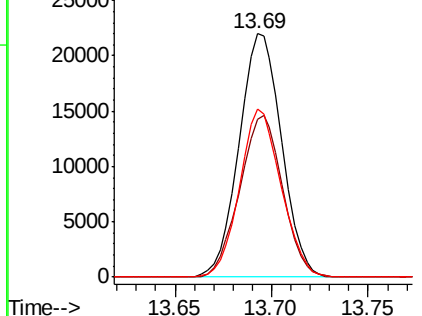


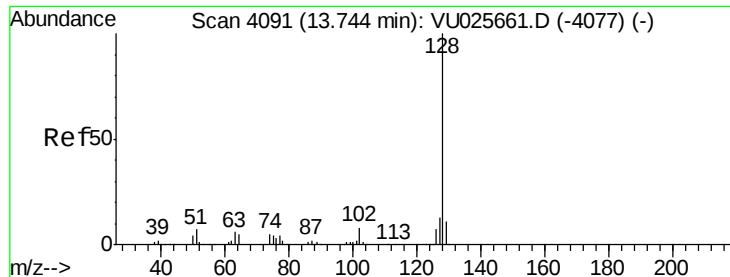
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





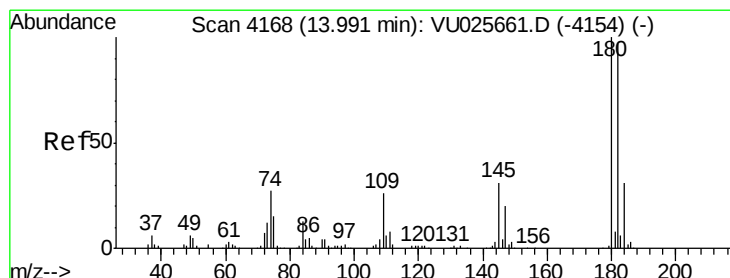
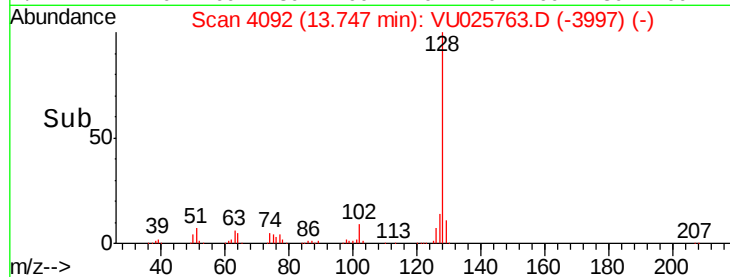
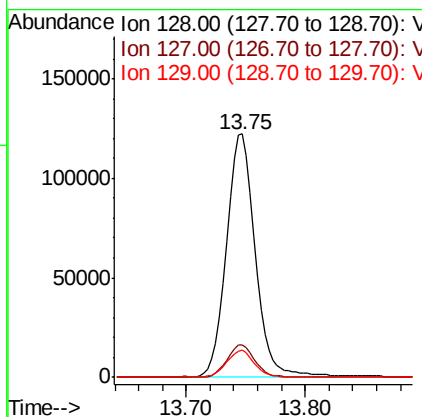
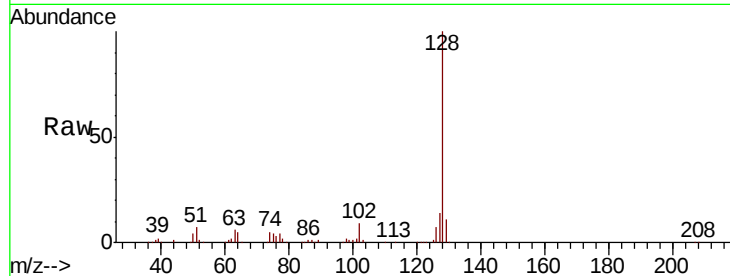
#95
Naphthalene
Concen: 27.783 ug/l
RT: 13.75 min Scan# 4092
Delta R.T. 0.00 min
Lab File: VU025763.D
Acq: 01 Aug 2018 09:47

Instrument :
MSVOA_U
ClientSampleId :
VU0801WBS02

Tot Ion:	128	Resp:	205964
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.5	8.3	12.5

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8/2/2018 9:41:19 AM



#96
1,2,3-Trichlorobenzene
Concen: 29.376 ug/l
RT: 13.99 min Scan# 4167
Delta R.T. -0.00 min
Lab File: VU025763.D
Acq: 01 Aug 2018 09:47

Tgt Ion:	180	Resp:	69048
Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.8	143.3
145	32.2	15.6	46.8

