

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101018\
 Data File : VU027530.D
 Acq On : 09 Oct 2018 18:48
 Operator : MD/SY
 Sample : VU1010WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1010WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/11/2018 9:01:30 AM

Quant Time: Oct 10 06:48:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	99090	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	181445	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	165309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	80917	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	86169	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
35) Dibromofluoromethane	4.89	113	58801	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
50) Toluene-d8	7.57	98	234792	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
62) 4-Bromofluorobenzene	10.31	95	83067	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	29930	20.951	ug/l	98
3) Chloromethane	1.33	50	37604	19.442	ug/l	99
4) Vinyl Chloride	1.40	62	36701	20.186	ug/l	98
5) Bromomethane	1.62	94	19612	24.929	ug/l	97
6) Chloroethane	1.70	64	22553	20.643	ug/l	97
7) Trichlorofluoromethane	1.88	101	40533	21.972	ug/l	97
8) Diethyl Ether	2.11	74	18027	21.214	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.29	101	23309	21.757	ug/l	100
10) Methyl Iodide	2.41	142	12214	19.187	ug/l	100
11) Tert butyl alcohol	2.83	59	38333	110.014	ug/l	98
12) 1,1-Dichloroethene	2.28	96	21808	20.835	ug/l	95
13) Acrolein	2.20	56	15167	51.875	ug/l	100
14) Allyl chloride	2.59	41	48733	19.607	ug/l	98
15) Acrylonitrile	2.94	53	97042	107.005	ug/l	99
16) Acetone	2.32	43	101570	103.909	ug/l	99
17) Carbon Disulfide	2.48	76	63269	16.760	ug/l	99
18) Methyl Acetate	2.62	43	55011	24.670	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	83368	19.878	ug/l	99
20) Methylene Chloride	2.70	84	26537	19.490	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	22167	18.864	ug/l	96
22) Diisopropyl ether	3.58	45	105051	20.794	ug/l	94
23) Vinyl Acetate	3.53	43	437309	99.122	ug/l	100
24) 1,1-Dichloroethane	3.45	63	53270	20.512	ug/l	99
25) 2-Butanone	4.27	43	144212	108.189	ug/l	100
26) 2,2-Dichloropropane	4.23	77	41761	19.569	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	25041	18.634	ug/l	94
28) Bromochloromethane	4.55	49	31565	25.192	ug/l	96
29) Tetrahydrofuran	4.64	42	91885	109.380	ug/l	98
30) Chloroform	4.68	83	48669	21.093	ug/l	100
31) Cyclohexane	5.00	56	49132	18.364	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	40200	20.686	ug/l	99
36) 1,1-Dichloropropene	5.14	75	34729	17.628	ug/l	99
37) Ethyl Acetate	4.39	43	51598	20.265	ug/l	97
38) Carbon Tetrachloride	5.14	117	33142	18.623	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	39271	17.053	ug/l	98
40) Benzene	5.39	78	111209	19.379	ug/l	99
41) Methacrylonitrile	4.55	41	28526	19.822	ug/l	96
42) 1,2-Dichloroethane	5.41	62	43879	20.599	ug/l	100
43) Isopropyl Acetate	5.55	43	80830	20.440	ug/l	100
44) Trichloroethene	6.19	130	23924	18.696	ug/l	98
45) 1,2-Dichloropropane	6.44	63	33610	20.306	ug/l	97
46) Dibromomethane	6.56	93	19125	20.458	ug/l	100
47) Bromodichloromethane	6.76	83	38844	20.025	ug/l	100
48) Methyl methacrylate	6.63	41	39299	19.984	ug/l	97
49) 1,4-Dioxane	6.62	88	15635	462.097	ug/l	100
51) 4-Methyl-2-Pentanone	7.46	43	269444	104.857	ug/l	99
52) Toluene	7.64	92	65668	19.333	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	42872	18.850	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	46646	19.078	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	27298	20.270	ug/l	98
56) Ethyl methacrylate	8.02	69	42455	17.986	ug/l	98
57) 1,3-Dichloropropane	8.24	76	51429	19.672	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	129811	96.870	ug/l	100
59) 2-Hexanone	8.37	43	206539	103.615	ug/l	99
60) Dibromochloromethane	8.48	129	26917	19.928	ug/l	97
61) 1,2-Dibromoethane	8.59	107	27593	19.271	ug/l	97
64) Tetrachloroethene	8.23	164	19671	19.115	ug/l	98
65) Chlorobenzene	9.12	112	67686	19.452	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	24738	20.594	ug/l	98
67) Ethyl Benzene	9.25	91	116432	18.886	ug/l	98
68) m/p-Xylenes	9.38	106	87574	38.835	ug/l	99
69) o-Xylene	9.78	106	42640	19.898	ug/l	97
70) Styrene	9.79	104	69395	18.826	ug/l	99
71) Bromoform	9.96	173	19183	19.849	ug/l #	98
73) Isopropylbenzene	10.17	105	114160	19.425	ug/l	99
74) N-amyl acetate	10.02	43	65200	19.379	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	47847	20.734	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	43046m	20.522	ug/l	
77) Bromobenzene	10.46	156	26907	19.700	ug/l	98
78) n-propylbenzene	10.59	91	134611	19.062	ug/l	100
79) 2-Chlorotoluene	10.66	91	83551	19.595	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	95062	19.868	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	13447m	16.778	ug/l	
82) 4-Chlorotoluene	10.77	91	93643	19.353	ug/l	100
83) tert-Butylbenzene	11.10	119	90082	19.475	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	96910	19.828	ug/l	99
85) sec-Butylbenzene	11.32	105	112143	19.242	ug/l	99
86) p-Isopropyltoluene	11.48	119	96906	19.420	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	48836	18.883	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	49877	18.873	ug/l	97
89) n-Butylbenzene	11.89	91	81749	16.786	ug/l	100
90) Hexachloroethane	12.15	117	18241	19.393	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	49243	19.561	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	10623	20.771	ug/l	97

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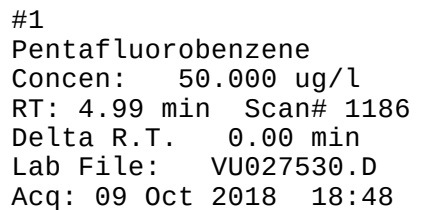
Manual Integrations
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QLast Update : Tue Oct 02 02:04:34 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	28968	17.784	ug/l	100
94) Hexachlorobutadiene	13.69	225	15760	19.150	ug/l	98
95) Naphthalene	13.75	128	102418	17.846	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	32208	18.979	ug/l	99

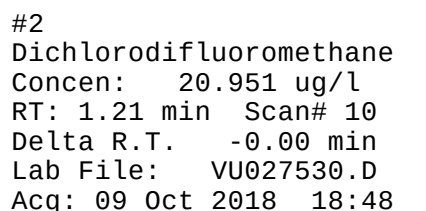
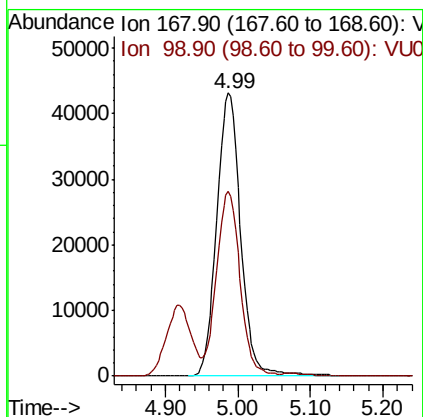
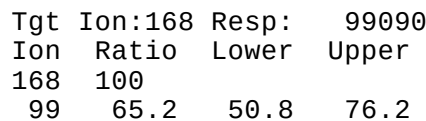
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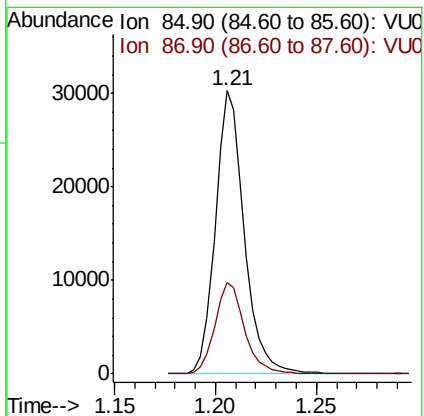
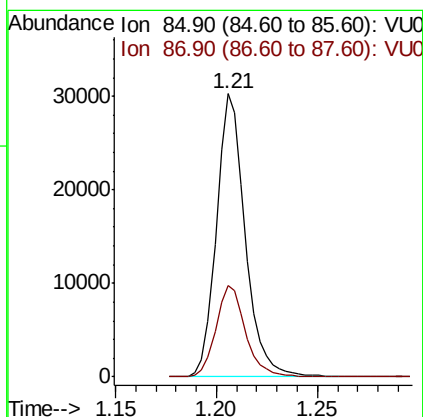
Instrument :
MSVOA_U
ClientSampleId :
VU1010WBSD01

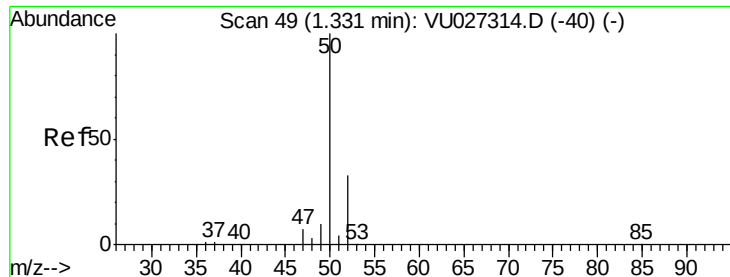
Manual Integrations

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Tgt	Ion: 85	Resp:	29930
Ion	Ratio	Lower	Upper
85	100		
87	32.5	15.7	47.1





#3

Chloromethane

Concen: 19.442 ug/l

RT: 1.33 min Scan# 49

Delta R.T. -0.00 min

Lab File: VU027530.D

Acq: 09 Oct 2018 18:48

Instrument :

MSVOA_U

ClientSampleId :

VU1010WBSD01

Tgt Ion: 50 Resp: 37604

Ion Ratio Lower Upper

50 100

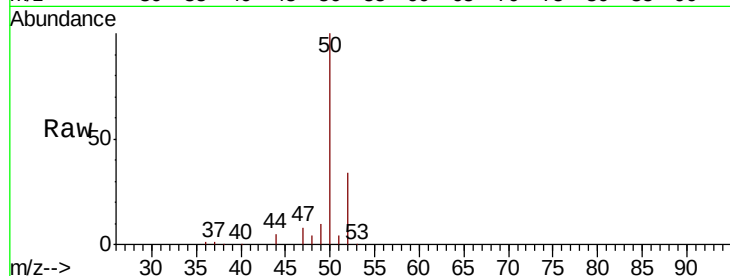
52 33.8 26.5 39.7

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VU027530.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VU027530.D (-1) (-)

1.33

40000

30000

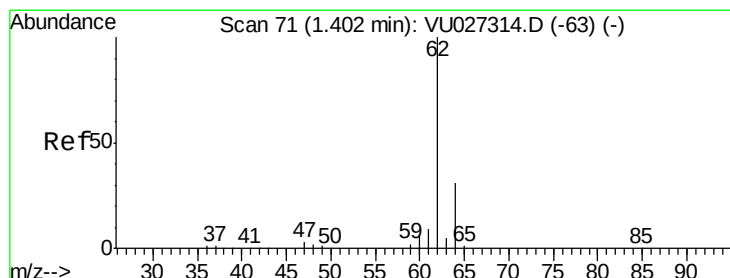
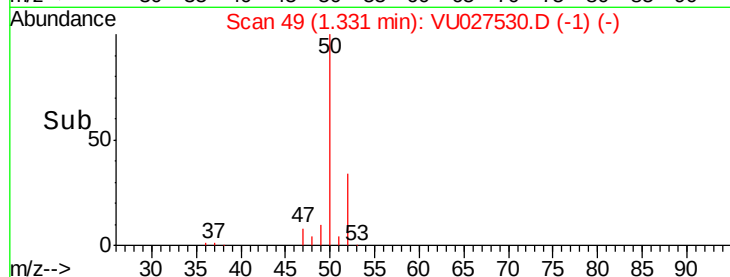
20000

10000

0

1.30 1.35

Time-->



#4

Vinyl Chloride

Concen: 20.186 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU027530.D

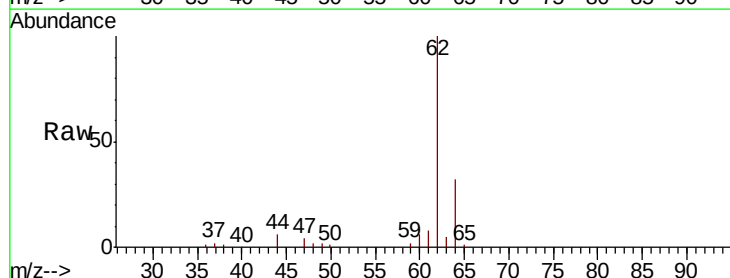
Acq: 09 Oct 2018 18:48

Tgt Ion: 62 Resp: 36701

Ion Ratio Lower Upper

62 100

64 32.5 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VU027530.D (-1) (-)

Ion 63.90 (63.60 to 64.60): VU027530.D (-1) (-)

1.40

40000

30000

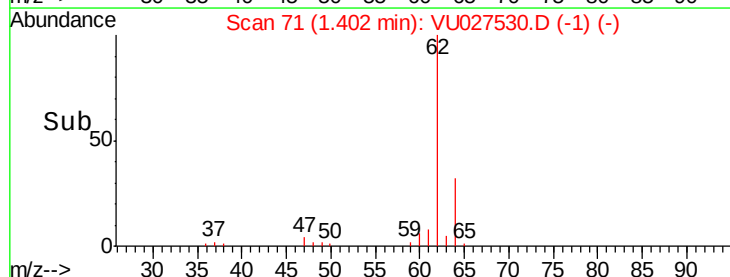
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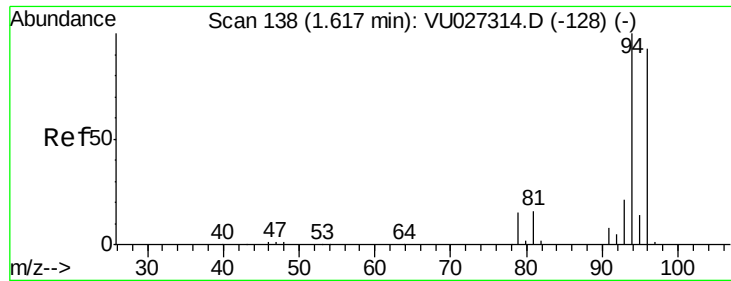
10000

0

1.35 1.40 1.45

Time-->





#5

Bromomethane

Concen: 24.929 ug/l

RT: 1.62 min Scan# 139

Delta R.T. 0.00 min

Lab File: VU027530.D

Acq: 09 Oct 2018 18:48

Instrument :

MSVOA_U

ClientSampleId :

VU1010WBSD01

Tgt Ion: 94 Resp: 19612

Ion Ratio Lower Upper

94 100

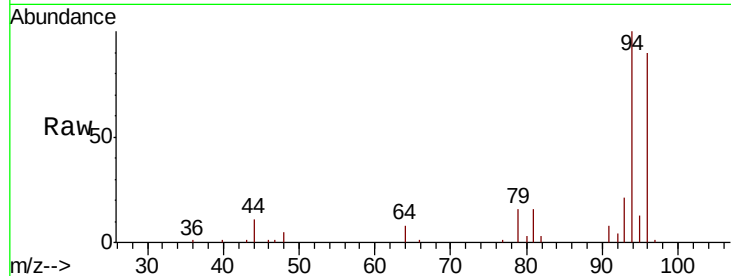
96 90.5 74.6 111.8

Manual Integrations

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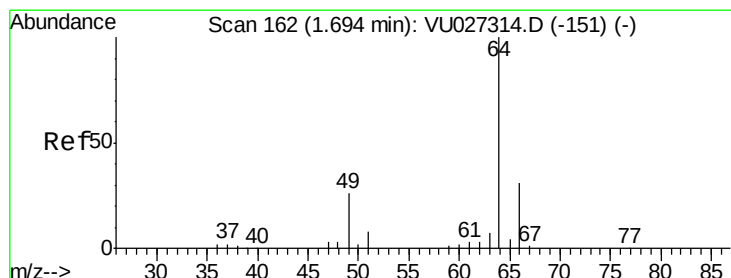
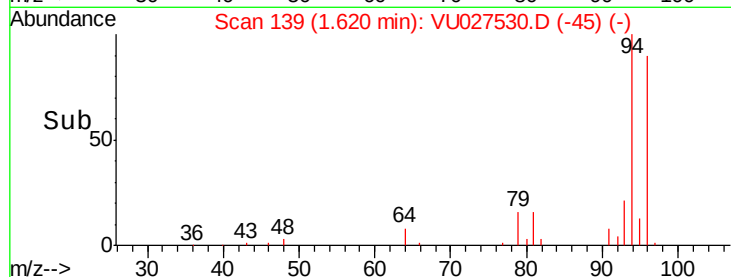
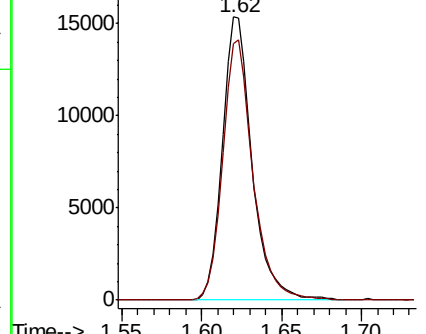
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Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 20.643 ug/l

RT: 1.70 min Scan# 163

Delta R.T. 0.00 min

Lab File: VU027530.D

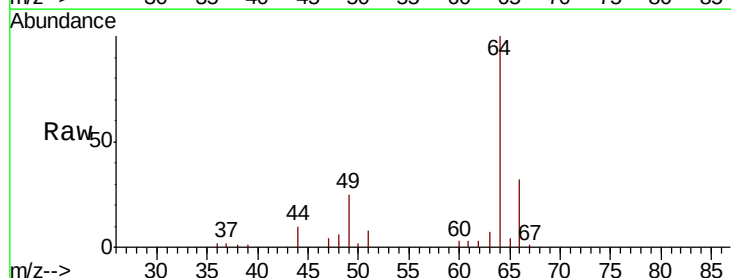
Acq: 09 Oct 2018 18:48

Tgt Ion: 64 Resp: 22553

Ion Ratio Lower Upper

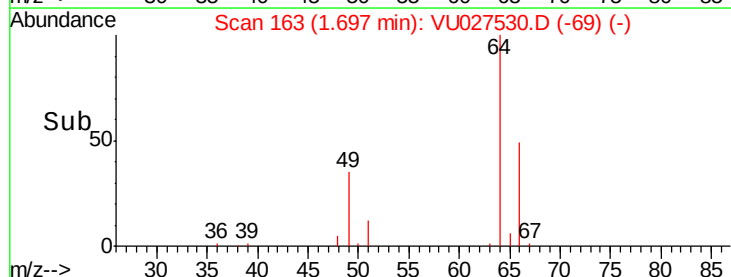
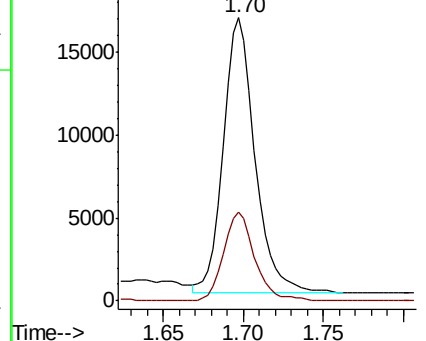
64 100

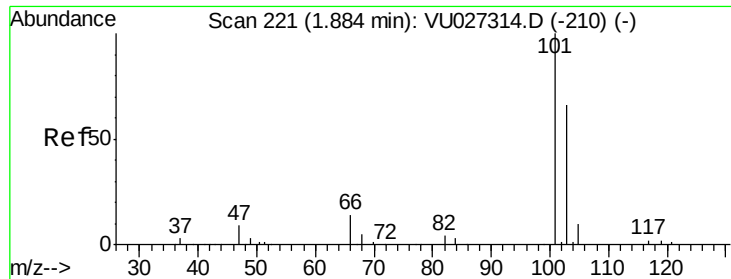
66 32.5 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0





#7

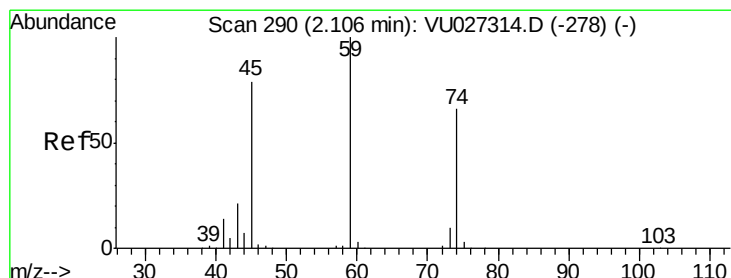
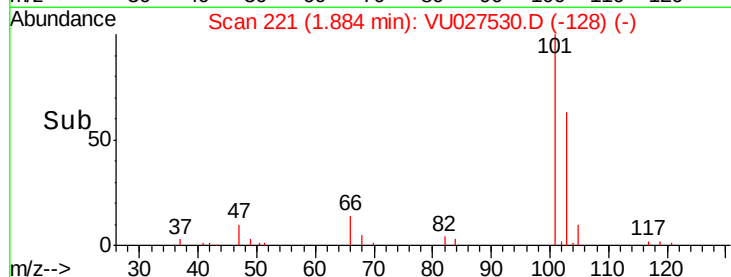
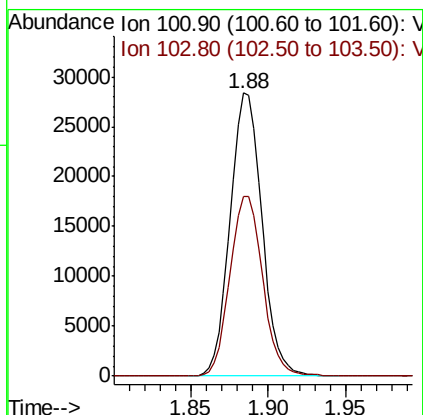
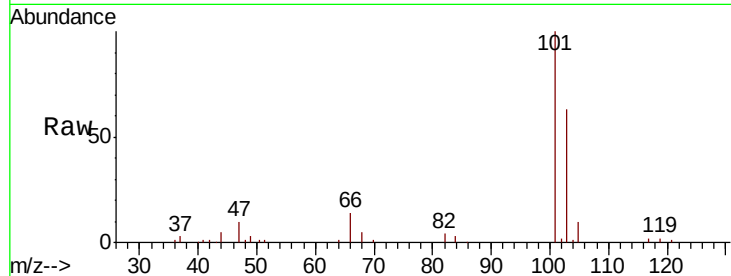
Trichlorofluoromethane
Concen: 21.972 ug/l
RT: 1.88 min Scan# 221
Delta R.T. -0.00 min
Lab File: VU027530.D
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Tgt Ion: 101 Resp: 40533
Ion Ratio Lower Upper
101 100
103 63.5 52.6 78.8

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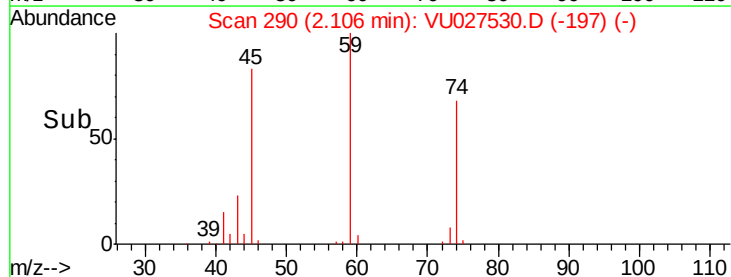
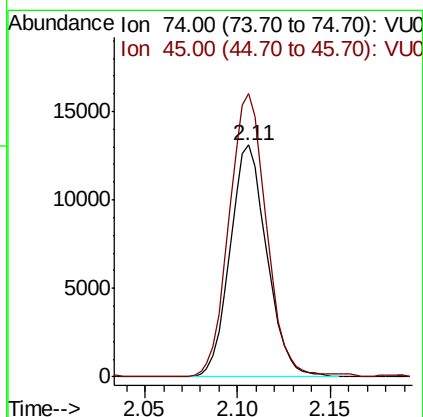
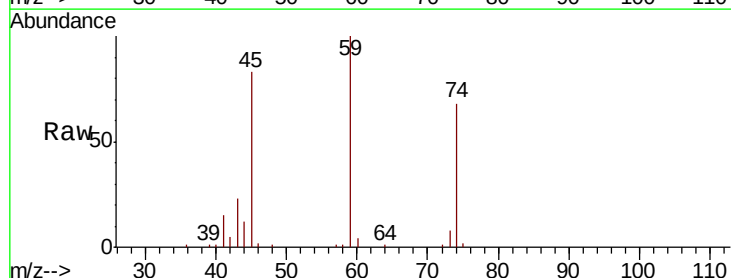
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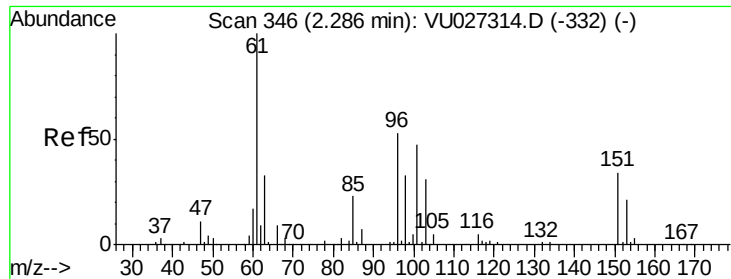


#8

Diethyl Ether
Concen: 21.214 ug/l
RT: 2.11 min Scan# 290
Delta R.T. -0.00 min
Lab File: VU027530.D
Acq: 09 Oct 2018 18:48

Tgt Ion: 74 Resp: 18027
Ion Ratio Lower Upper
74 100
45 123.8 60.4 181.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.757 ug/l

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU027530.D

Acq: 09 Oct 2018 18:48

Instrument :

MSVOA_U

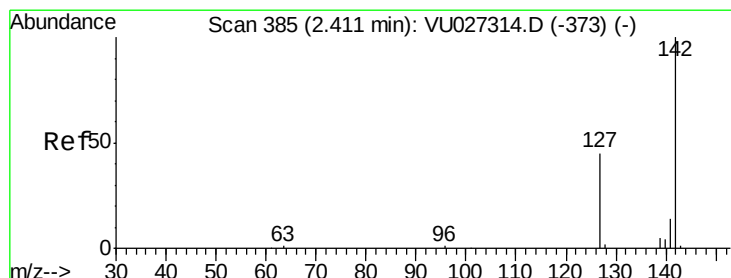
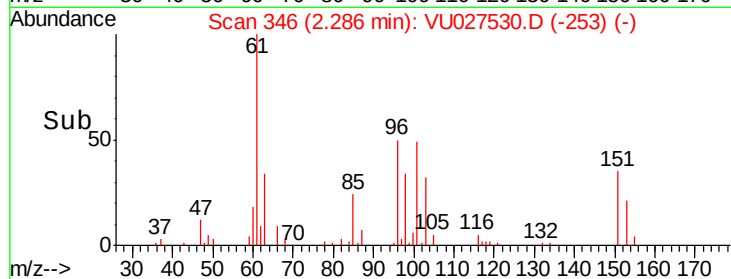
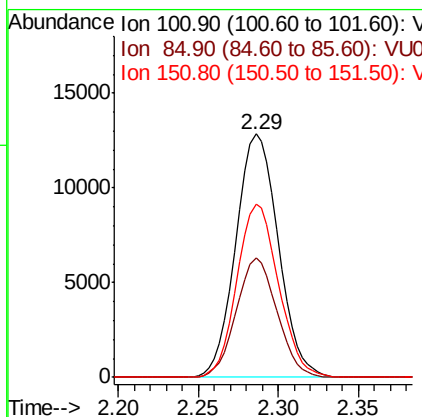
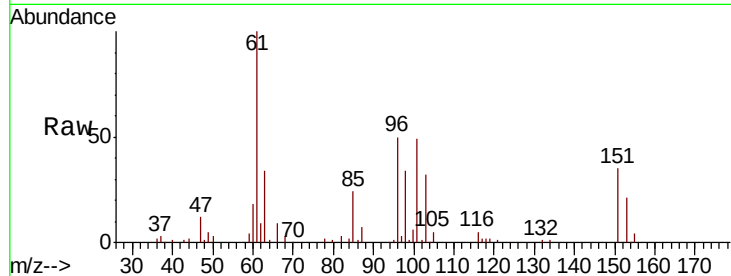
ClientSampleId :

VU1010WBSD01

Tgt Ion:	101	Resp:	23309
Ion Ratio	Lower	Upper	
101	100		
85	46.9	37.5	56.3
151	69.5	55.6	83.4

Manual Integrations
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#10

Methyl Iodide

Concen: 19.187 ug/l

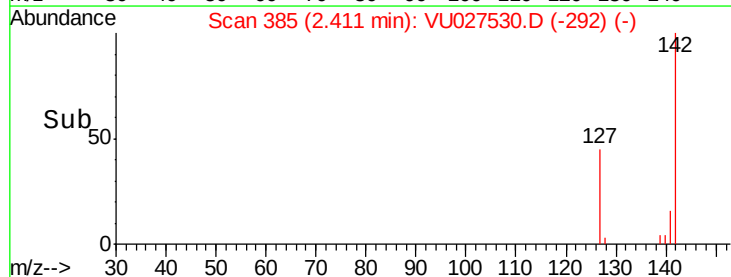
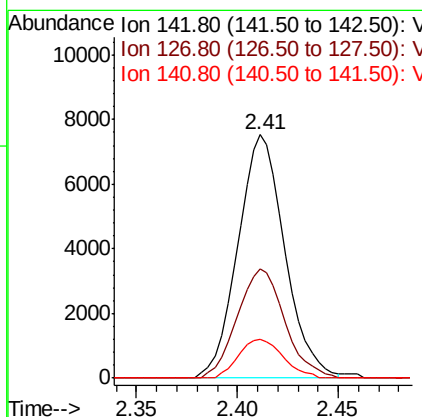
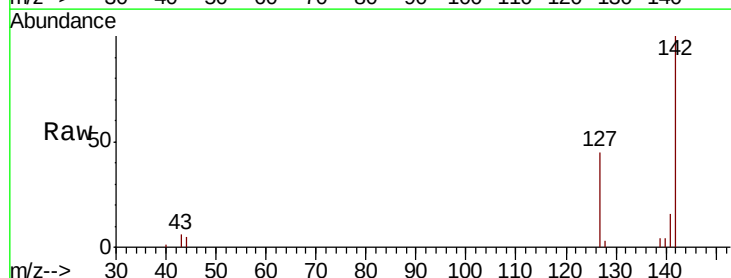
RT: 2.41 min Scan# 385

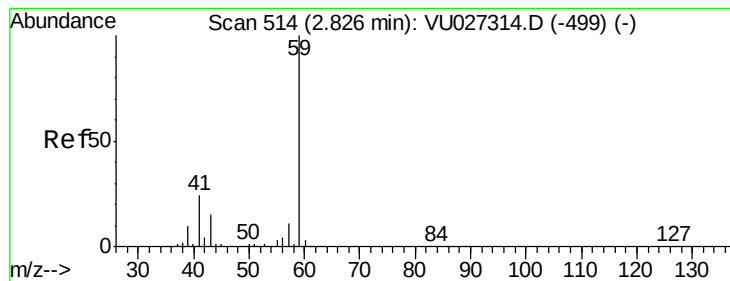
Delta R.T. 0.00 min

Lab File: VU027530.D

Acq: 09 Oct 2018 18:48

Tgt Ion:	142	Resp:	12214
Ion Ratio	Lower	Upper	
142	100		
127	45.4	36.3	54.5
141	15.2	11.6	17.4





#11

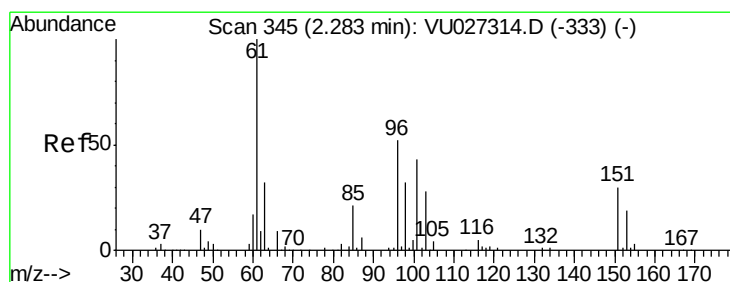
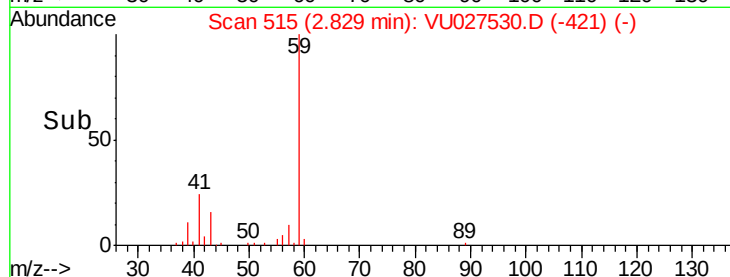
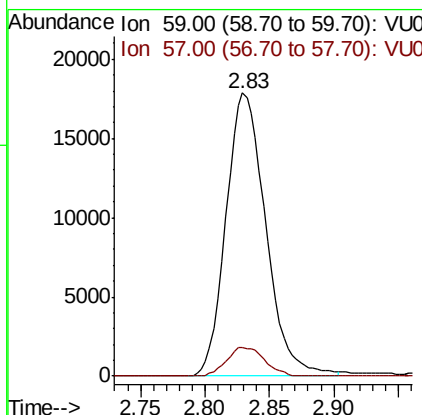
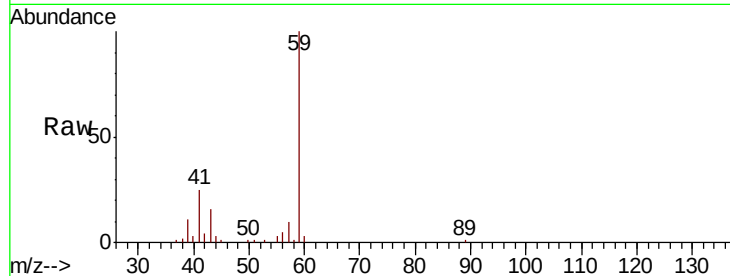
Tert butyl alcohol
Concen: 110.014 ug/l
RT: 2.83 min Scan# 515
Delta R.T. 0.00 min
Lab File: VU027530.D
Acq: 09 Oct 2018 18:48

Instrument :
MSVOA_U
ClientSampleId :
VU1010WBSD01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.4	12.6

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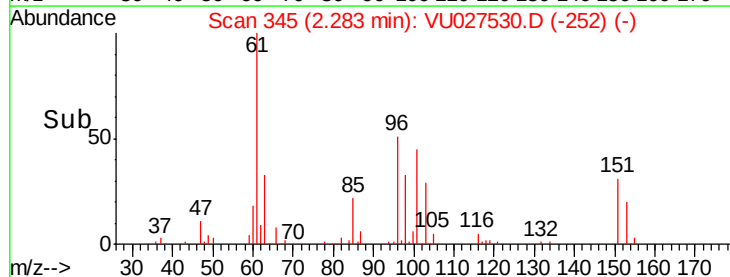
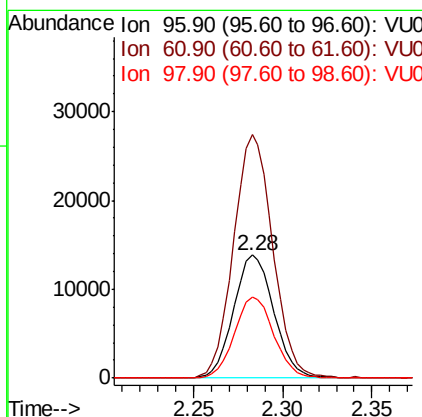
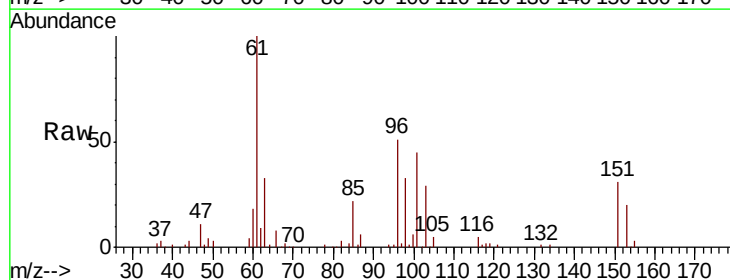
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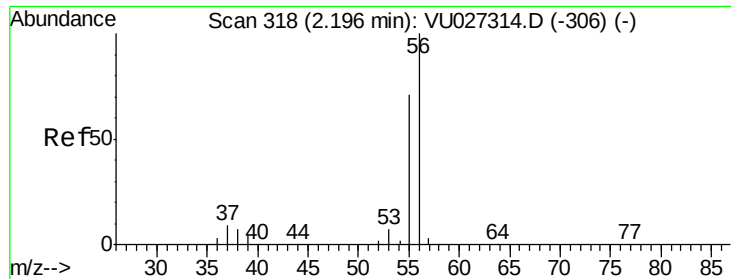


#12

1,1-Dichloroethene
Concen: 20.835 ug/l
RT: 2.28 min Scan# 345
Delta R.T. -0.00 min
Lab File: VU027530.D
Acq: 09 Oct 2018 18:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	197.9	153.0	229.6
98	65.7	49.3	73.9





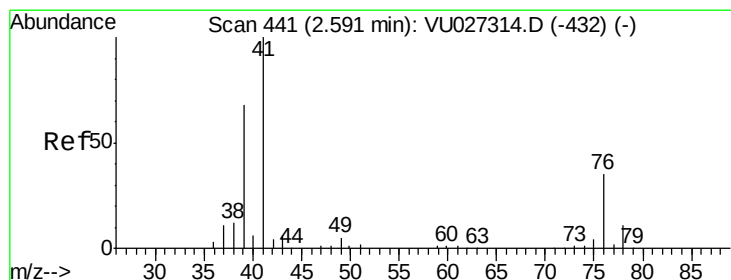
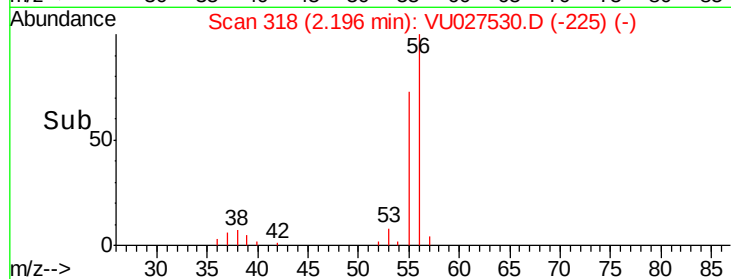
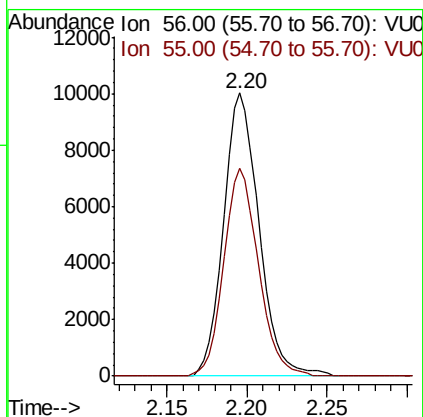
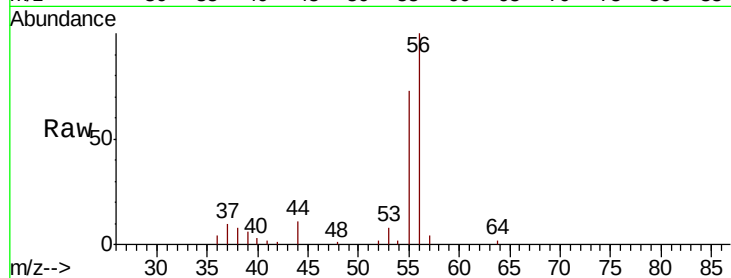
#13
Acrolein
Concen: 51.875 ug/l
RT: 2.20 min Scan# 318
Delta R.T. -0.00 min
Lab File: VU027530.D
Acq: 09 Oct 2018 18:48

Instrument :
MSVOA_U
ClientSampleId :
VU1010WBSD01

Tgt Ion: 56 Resp: 15167
Ion Ratio Lower Upper
56 100
55 71.8 57.7 86.5

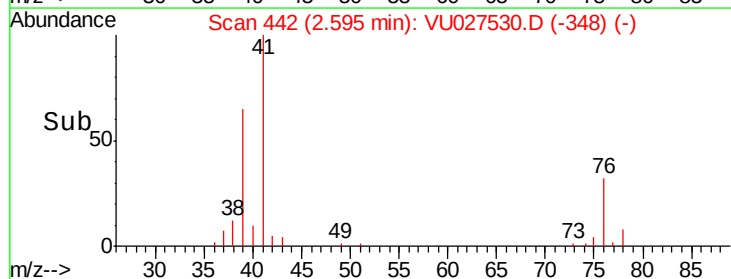
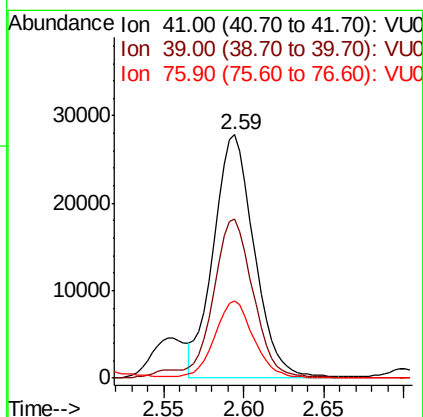
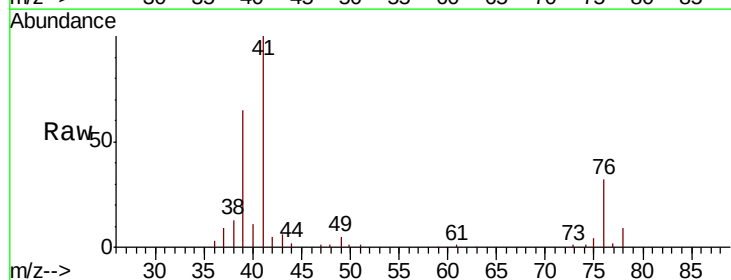
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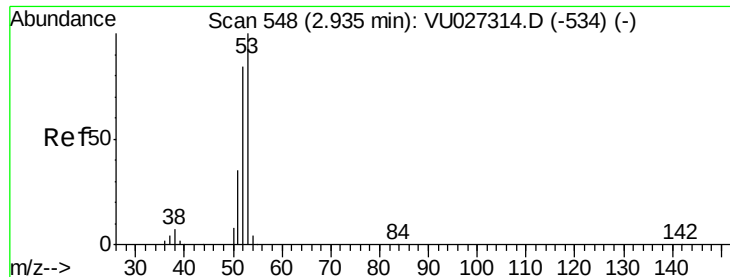
MMDadoda
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#14
Allyl chloride
Concen: 19.607 ug/l
RT: 2.59 min Scan# 442
Delta R.T. 0.00 min
Lab File: VU027530.D
Acq: 09 Oct 2018 18:48

Tgt Ion: 41 Resp: 48733
Ion Ratio Lower Upper
41 100
39 66.1 51.8 77.8
76 30.5 25.9 38.9





#15

Acrylonitrile

Concen: 107.005 ug/l

RT: 2.94 min Scan# 549

Delta R.T. 0.00 min

Lab File: VU027530.D

Acq: 09 Oct 2018 18:48

Instrument :

MSVOA_U

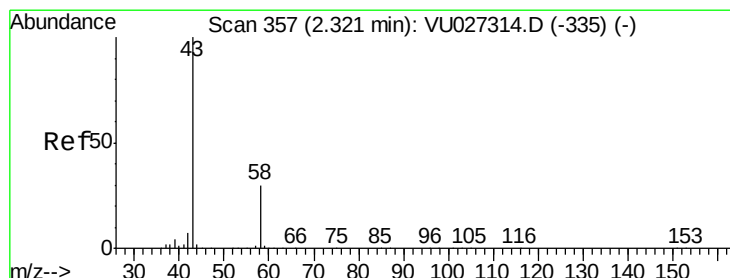
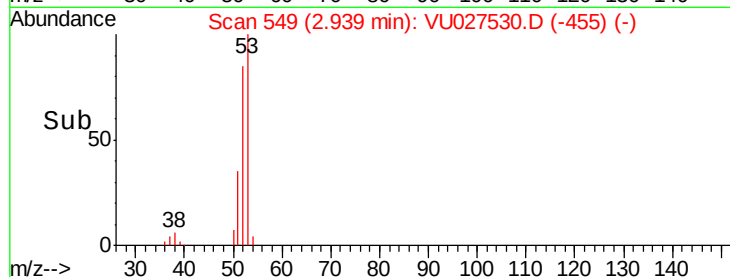
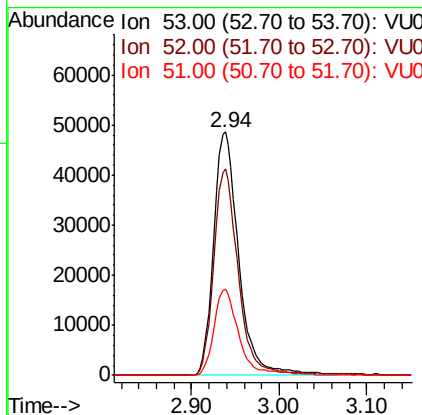
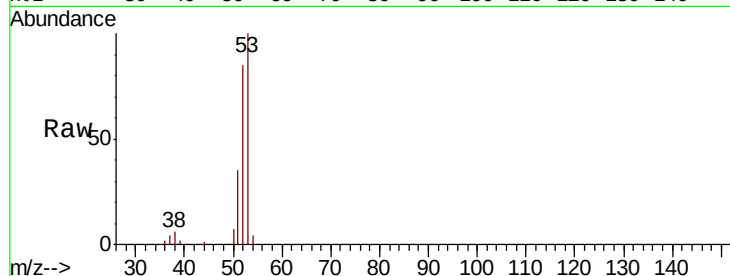
ClientSampleId :

VU1010WBSD01

Tgt Ion:	53	Resp:	97042
Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.5	99.7
51	35.3	27.6	41.4

Manual Integrations
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#16

Acetone

Concen: 103.909 ug/l

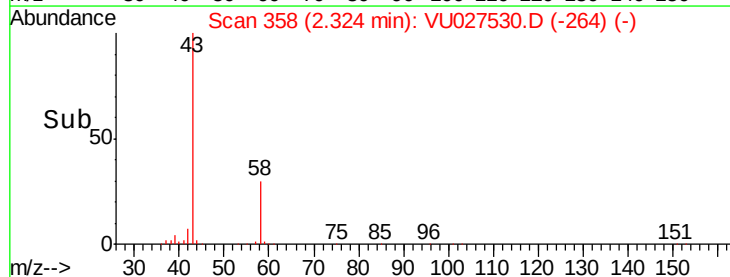
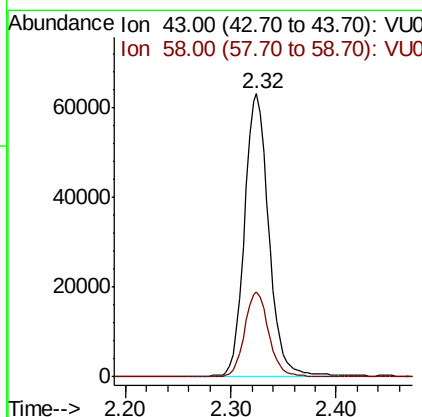
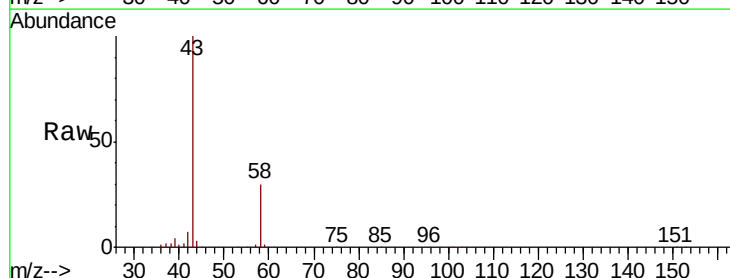
RT: 2.32 min Scan# 358

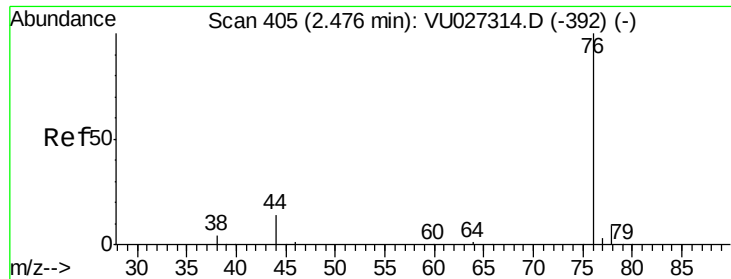
Delta R.T. 0.00 min

Lab File: VU027530.D

Acq: 09 Oct 2018 18:48

Tgt Ion:	43	Resp:	101570
Ion	Ratio	Lower	Upper
43	100		
58	30.0	24.2	36.4





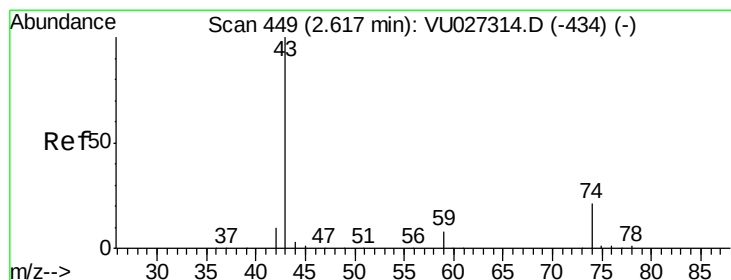
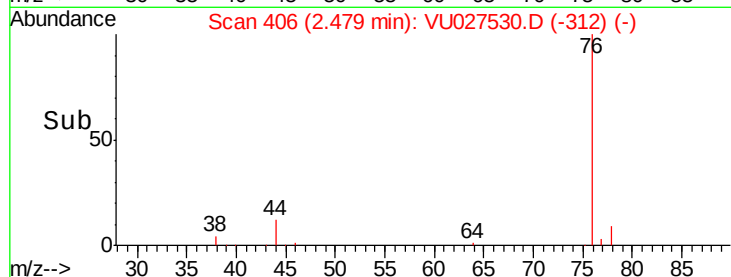
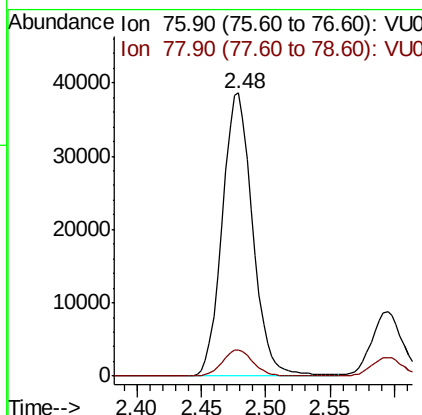
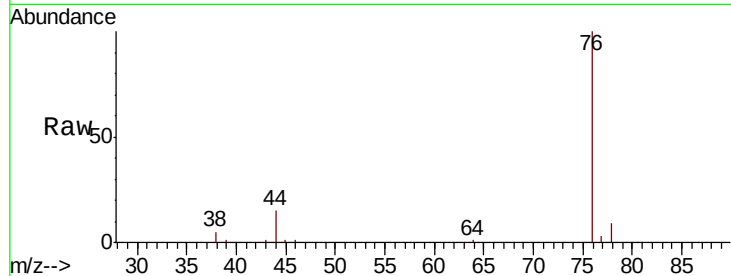
#17
Carbon Disulfide
Concen: 16.760 ug/l
RT: 2.48 min Scan# 406
Delta R.T. 0.00 min
Lab File: VU027530.D
Acq: 09 Oct 2018 18:48

Instrument :
MSVOA_U
ClientSampleId :
VU1010WBSD01

Tgt Ion: 76 Resp: 63269
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

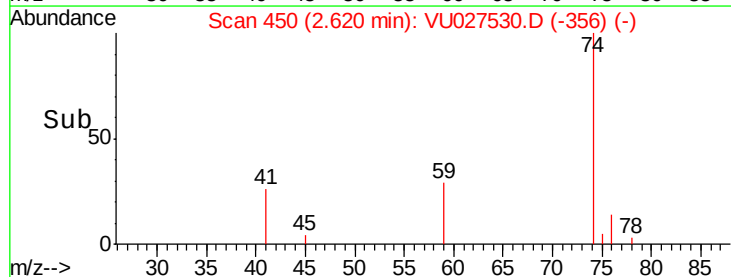
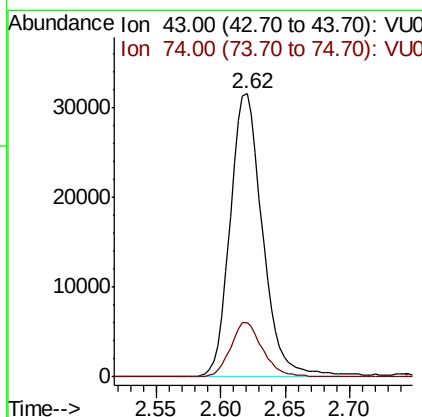
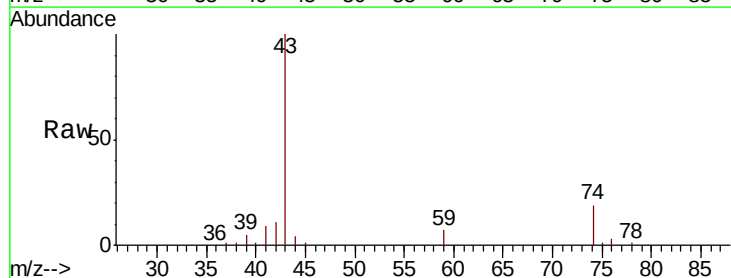
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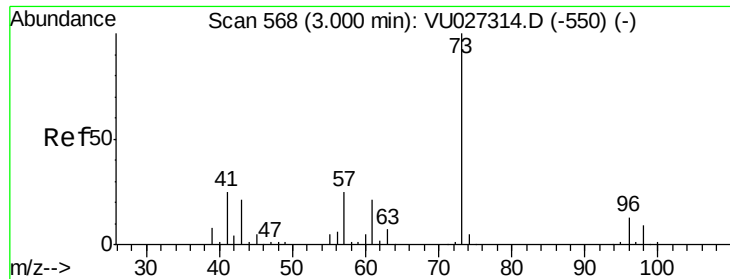
MMDadoda
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#18
Methyl Acetate
Concen: 24.670 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.00 min
Lab File: VU027530.D
Acq: 09 Oct 2018 18:48

Tgt Ion: 43 Resp: 55011
Ion Ratio Lower Upper
43 100
74 19.0 16.5 24.7





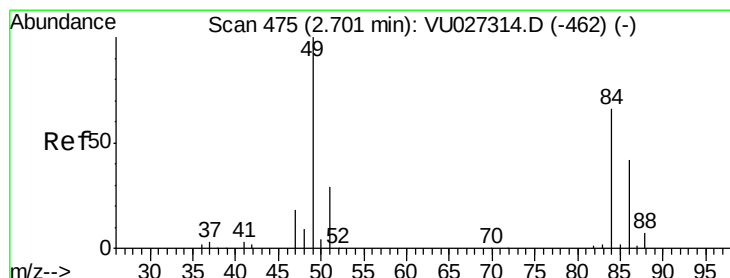
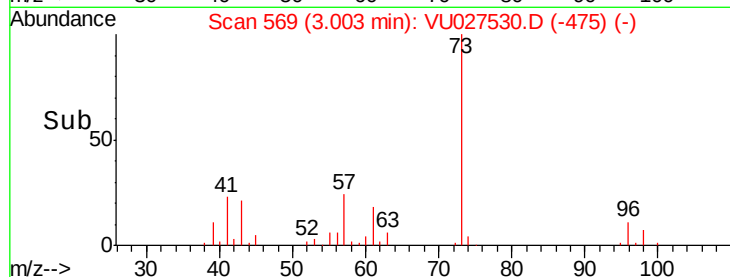
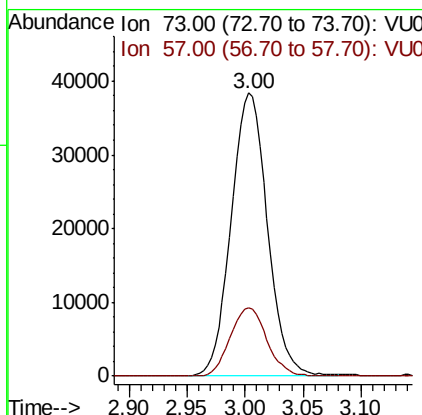
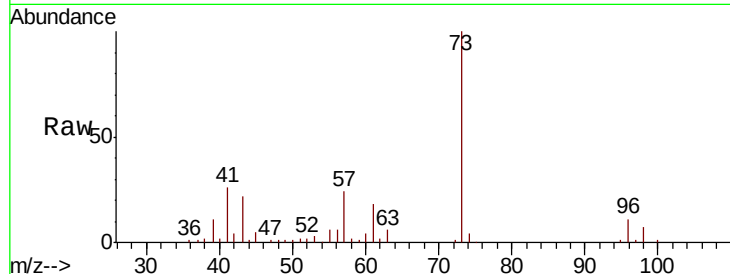
#19
Methyl tert-butyl Ether
Concen: 19.878 ug/l
RT: 3.00 min Scan# 569
Delta R.T. 0.00 min
Lab File: VU027530.D
Acq: 09 Oct 2018 18:48

Instrument :
MSVOA_U
ClientSampleId :
VU1010WBSD01

Tgt Ion: 73 Resp: 83368
Ion Ratio Lower Upper
73 100
57 24.3 20.0 30.0

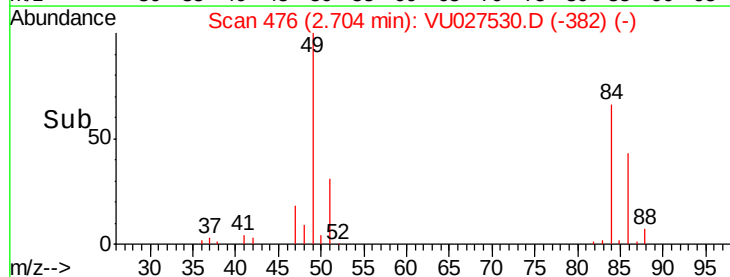
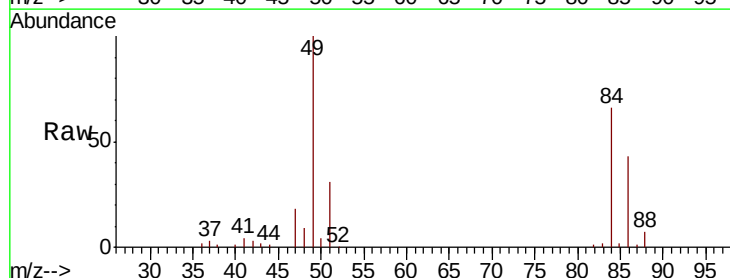
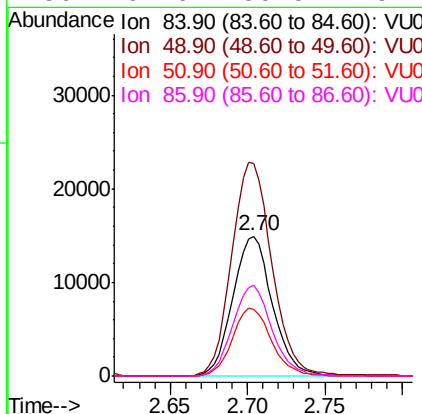
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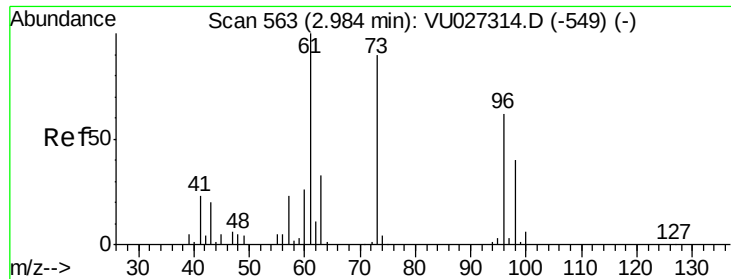
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#20
Methylene Chloride
Concen: 19.490 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027530.D
Acq: 09 Oct 2018 18:48

Tgt Ion: 84 Resp: 26537
Ion Ratio Lower Upper
84 100
49 151.5 120.5 180.7
51 47.5 35.1 52.7
86 64.6 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 18.864 ug/l

RT: 2.98 min Scan# 563

Delta R.T. -0.00 min

Lab File: VU027530.D

Acq: 09 Oct 2018 18:48

Instrument :

MSVOA_U

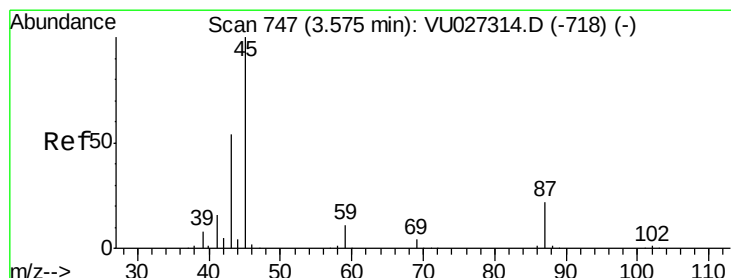
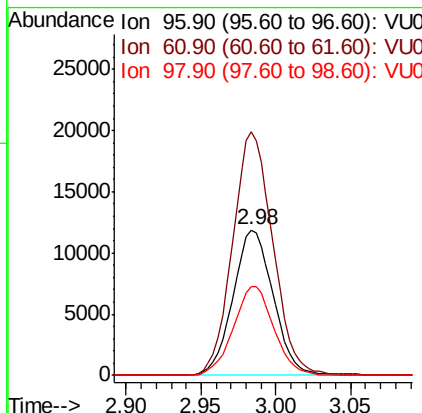
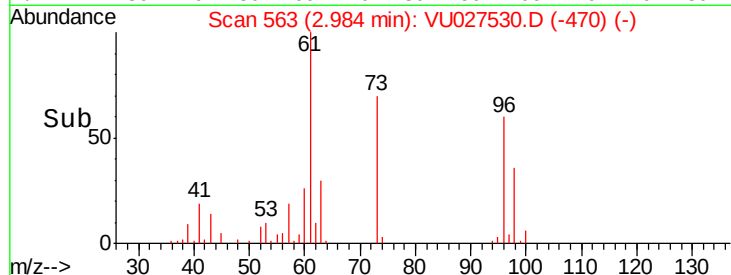
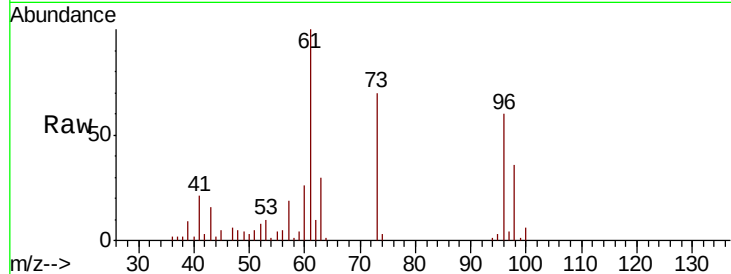
ClientSampleId :

VU1010WBSD01

Tgt Ion:	96	Resp:	22167
Ion	Ratio	Lower	Upper
96	100		
61	167.6	129.4	194.2
98	60.9	51.2	76.8

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#22

Diisopropyl ether

Concen: 20.794 ug/l

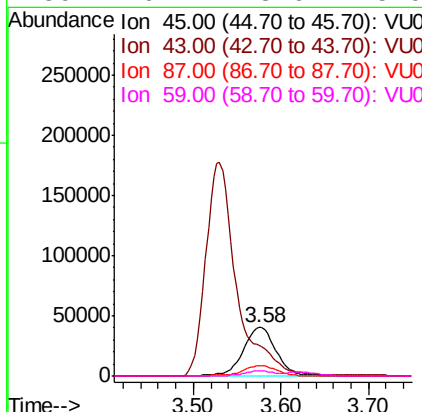
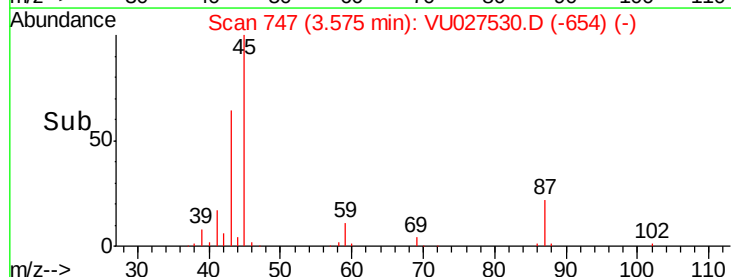
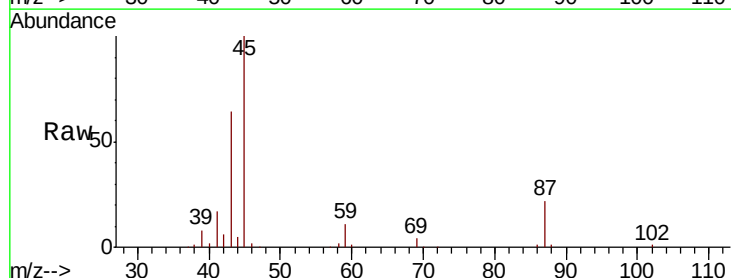
RT: 3.58 min Scan# 747

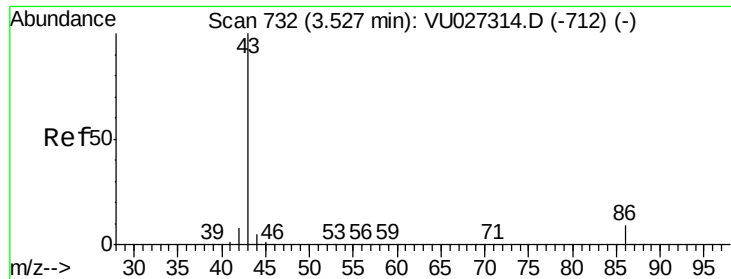
Delta R.T. -0.00 min

Lab File: VU027530.D

Acq: 09 Oct 2018 18:48

Tgt Ion:	45	Resp:	105051
Ion	Ratio	Lower	Upper
45	100		
43	61.3	43.4	65.2
87	21.6	17.5	26.3
59	10.7	8.6	13.0





#23

Vinyl Acetate

Concen: 99.122 ug/l

RT: 3.53 min Scan# 733

Delta R.T. 0.00 min

Lab File: VU027530.D

Acq: 09 Oct 2018 18:48

Instrument :

MSVOA_U

ClientSampleId :

VU1010WBSD01

Tgt Ion: 43 Resp: 437309

Ion Ratio Lower Upper

43 100

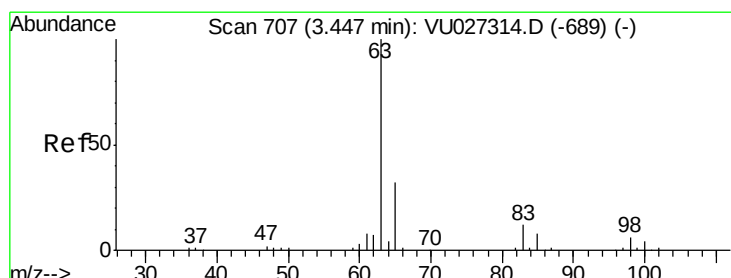
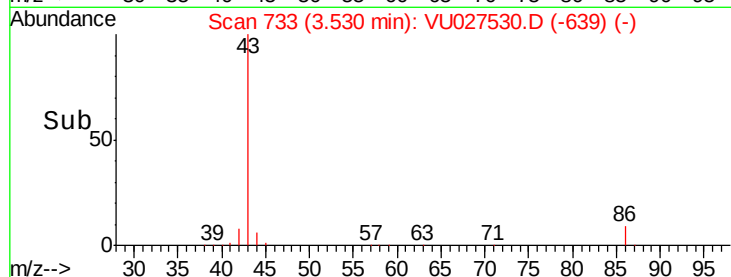
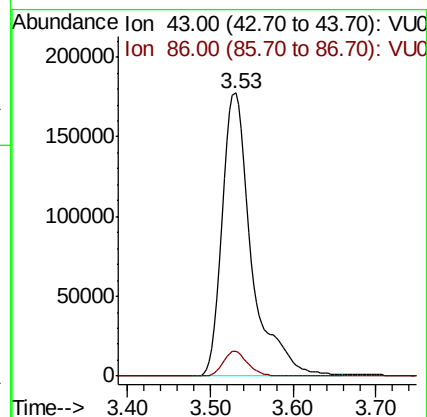
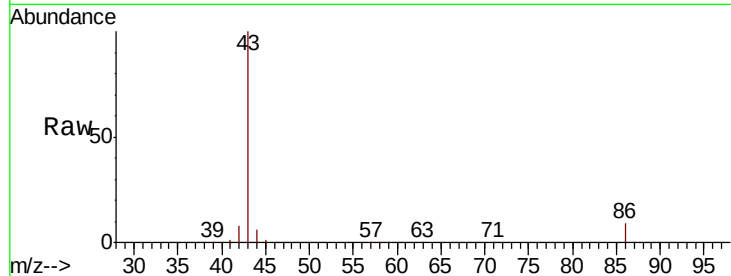
86 8.6 7.0 10.4

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#24

1,1-Dichloroethane

Concen: 20.512 ug/l

RT: 3.45 min Scan# 708

Delta R.T. 0.00 min

Lab File: VU027530.D

Acq: 09 Oct 2018 18:48

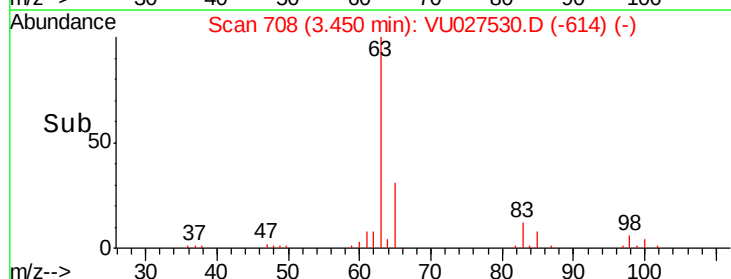
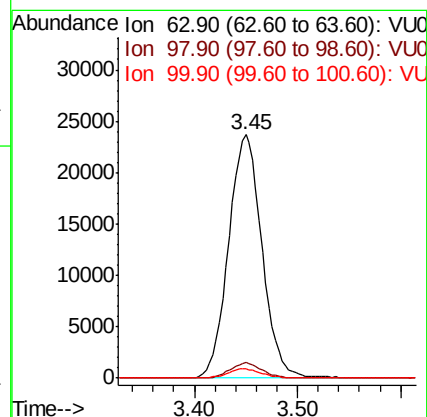
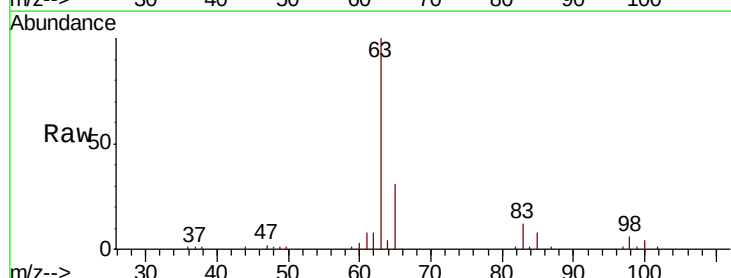
Tgt Ion: 63 Resp: 53270

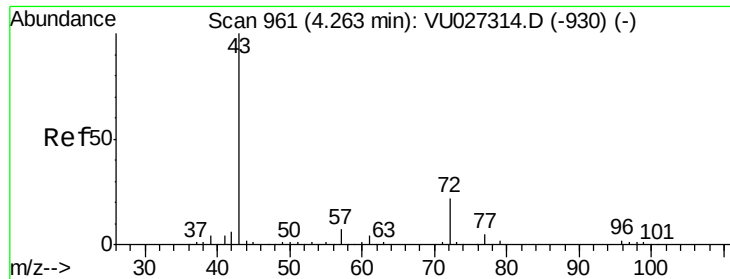
Ion Ratio Lower Upper

63 100

98 6.4 3.0 9.2

100 3.7 1.8 5.5





#25

2-Butanone

Concen: 108.189 ug/l

RT: 4.27 min Scan# 962

Delta R.T. 0.00 min

Lab File: VU027530.D

Acq: 09 Oct 2018 18:48

Instrument :

MSVOA_U

ClientSampleId :

VU1010WBSD01

Tgt Ion: 43 Resp: 144212

Ion Ratio Lower Upper

43 100

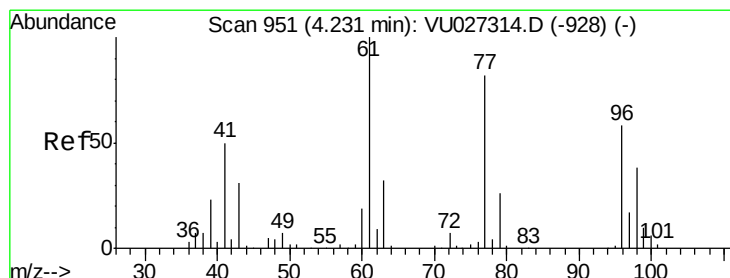
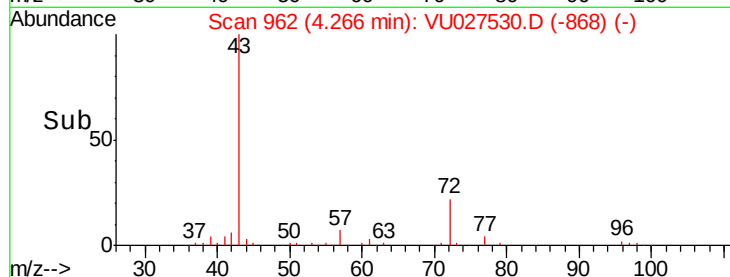
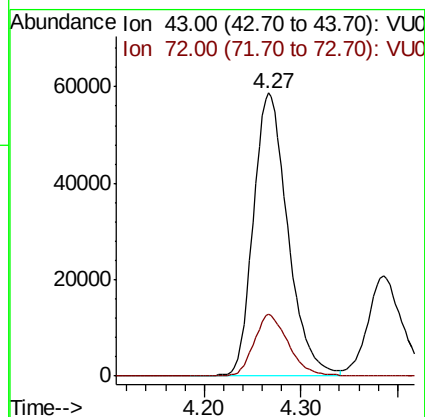
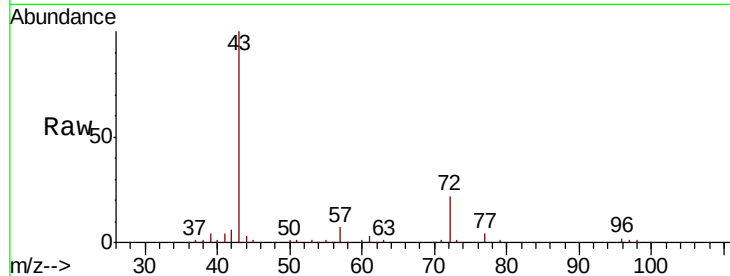
72 22.0 17.8 26.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.569 ug/l

RT: 4.23 min Scan# 951

Delta R.T. -0.00 min

Lab File: VU027530.D

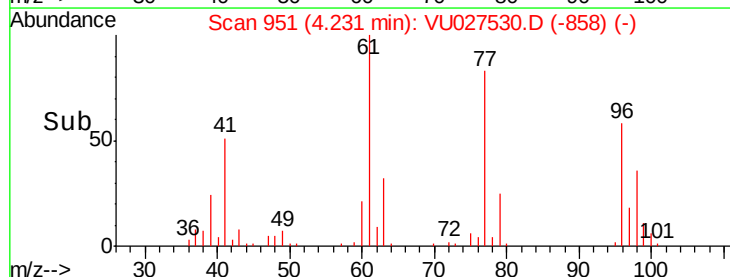
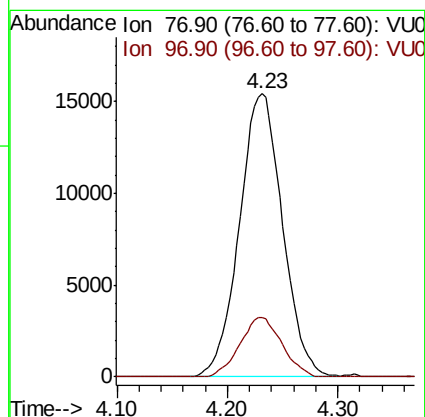
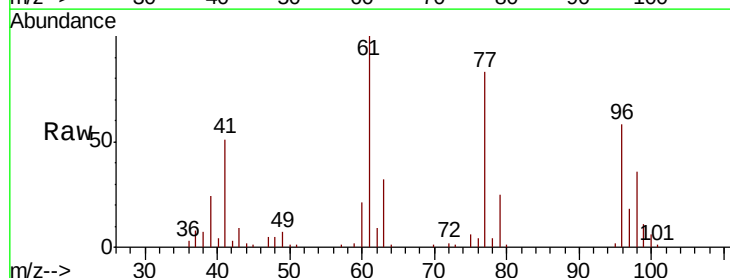
Acq: 09 Oct 2018 18:48

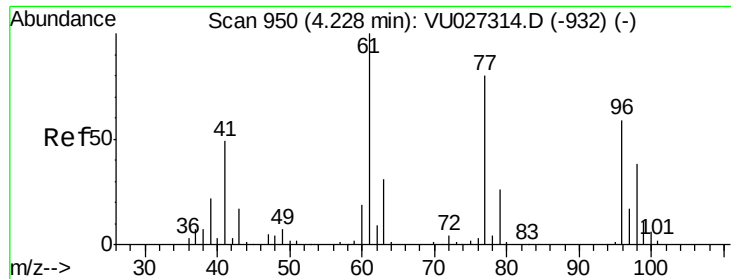
Tgt Ion: 77 Resp: 41761

Ion Ratio Lower Upper

77 100

97 20.5 10.4 31.1





#27

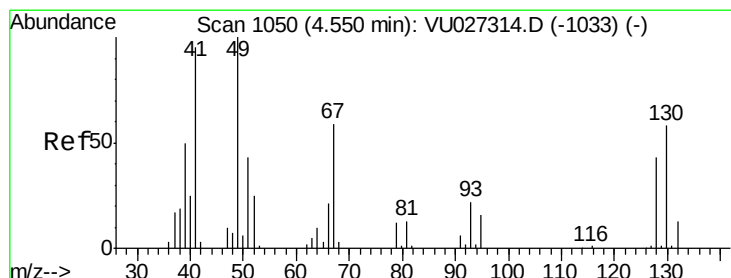
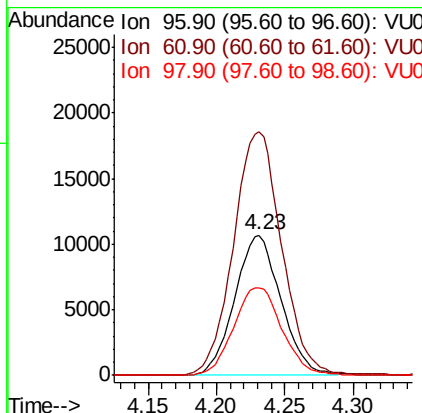
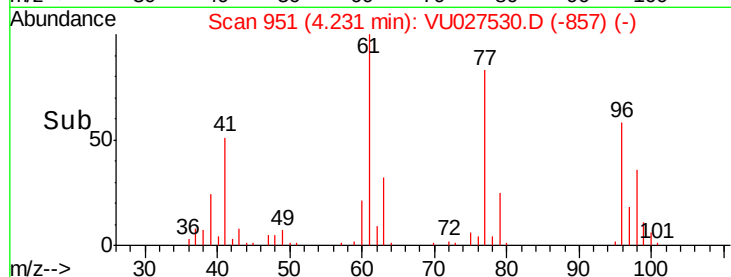
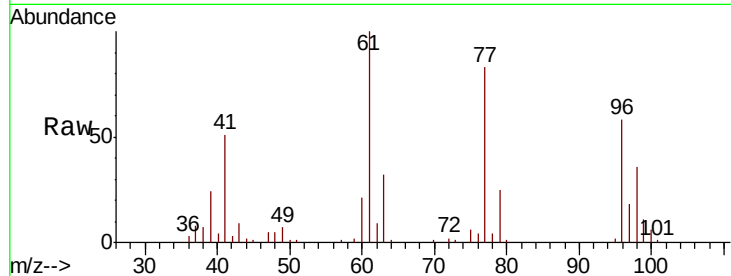
cis-1,2-Dichloroethene
Concen: 18.634 ug/l
RT: 4.23 min Scan# 951
Delta R.T. 0.00 min
Lab File: VU027530.D
Acq: 09 Oct 2018 18:48

Instrument :
MSVOA_U
ClientSampleId :
VU1010WBSD01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	182.0	0.0	343.8
98	65.6	0.0	129.0

Manual Integrations
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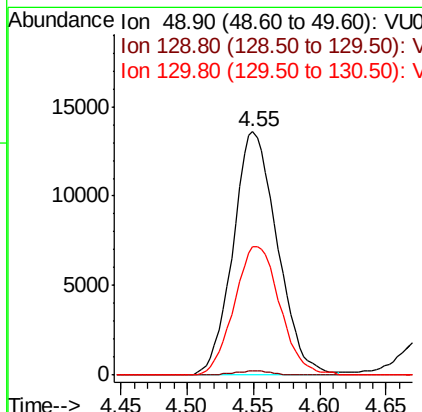
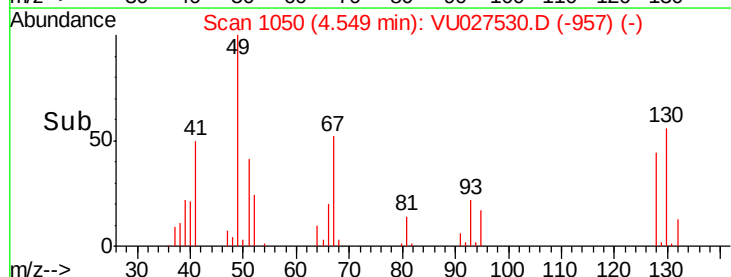
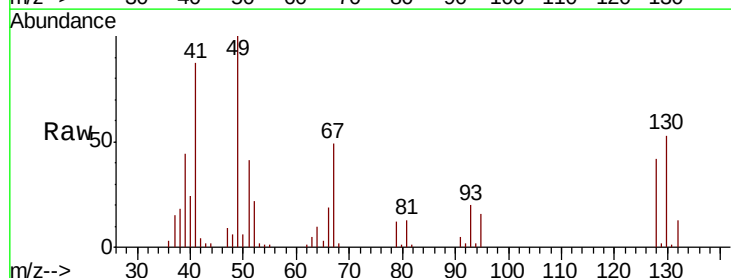
MMDadoda
10/11/2018 9:01:30 AM

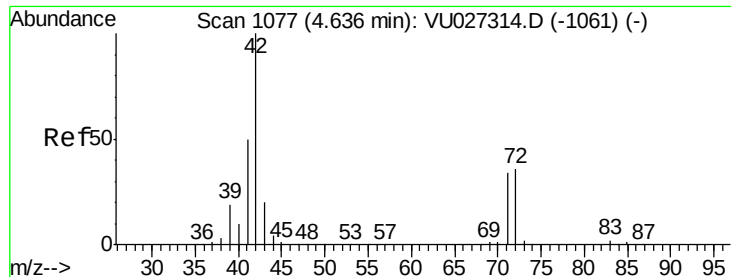


#28

Bromochloromethane
Concen: 25.192 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU027530.D
Acq: 09 Oct 2018 18:48

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.0
130	54.5	46.1	69.1





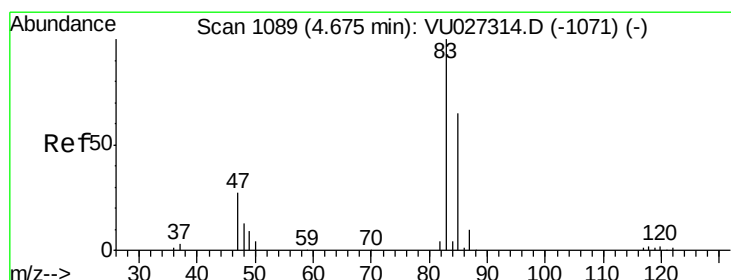
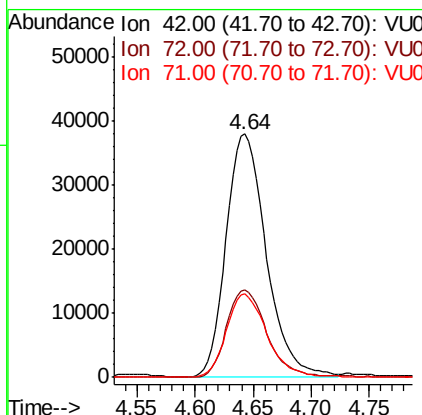
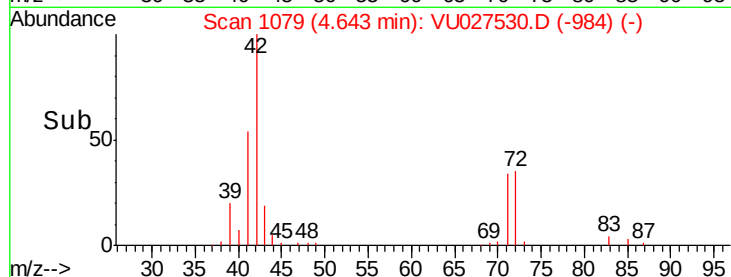
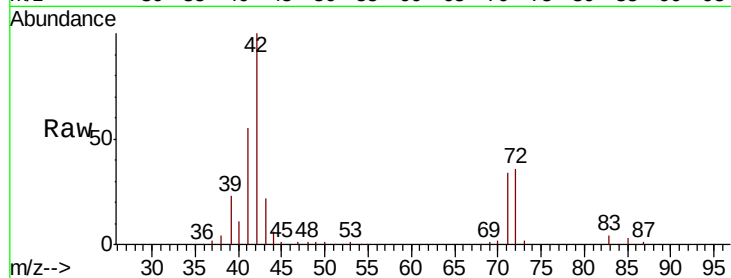
#29
Tetrahydrofuran
Concen: 109.380 ug/l
RT: 4.64 min Scan# 1079
Delta R.T. 0.01 min
Lab File: VU027530.D
Acq: 09 Oct 2018 18:48

Instrument :
MSVOA_U
ClientSampleId :
VU1010WBSD01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	35.8	30.1	45.1
71	34.6	27.7	41.5

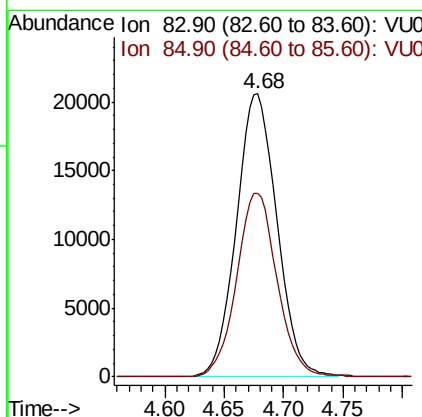
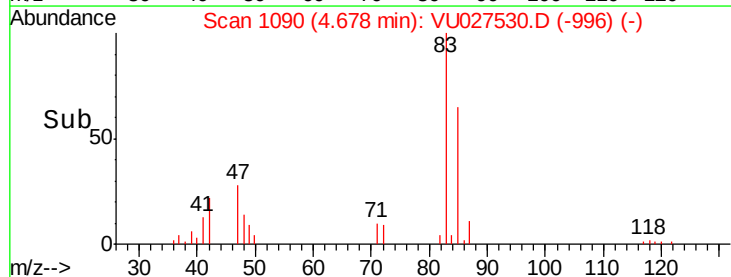
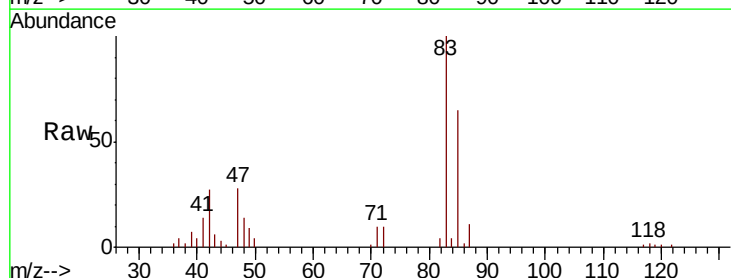
Manual Integrations
APPROVED

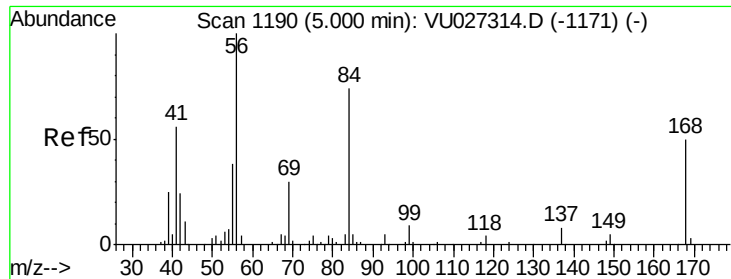
MMDadoda
10/11/2018 9:01:30 AM



#30
Chloroform
Concen: 21.093 ug/l
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU027530.D
Acq: 09 Oct 2018 18:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.8	77.6





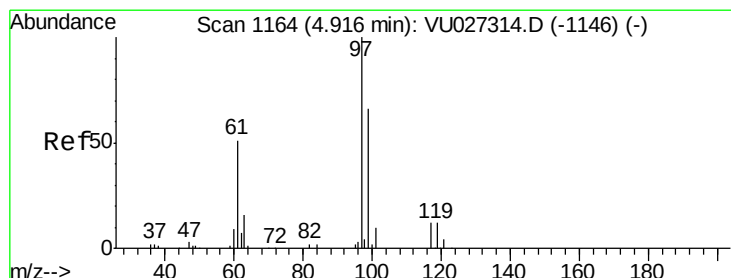
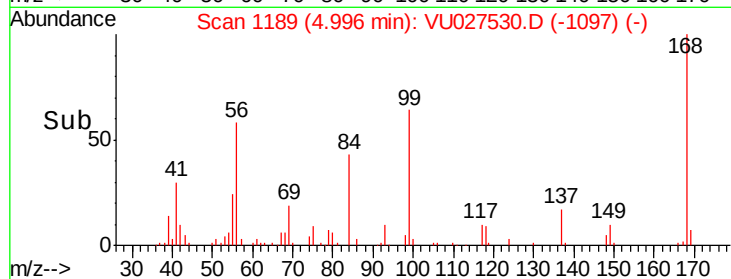
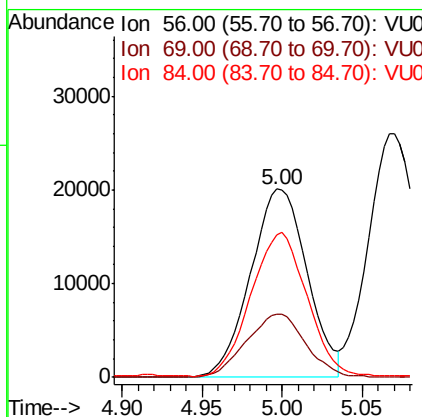
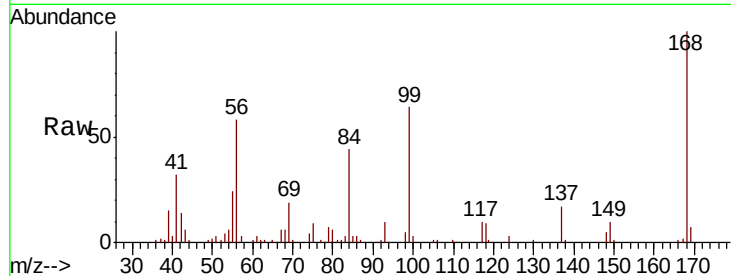
#31
Cyclohexane
Concen: 18.364 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027530.D
Acq: 09 Oct 2018 18:48

Instrument :
MSVOA_U
ClientSampleId :
VU1010WBSD01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	33.6	24.1	36.1
84	75.2	59.1	88.7

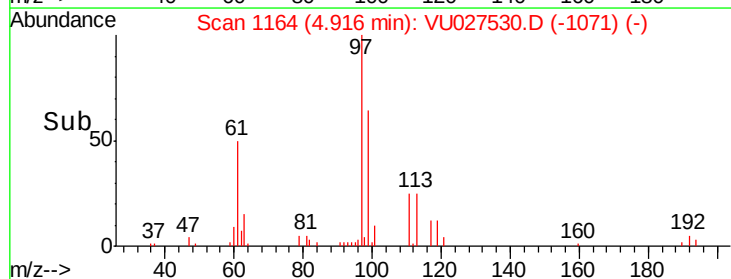
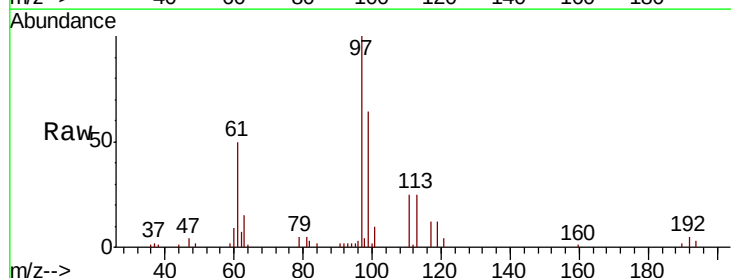
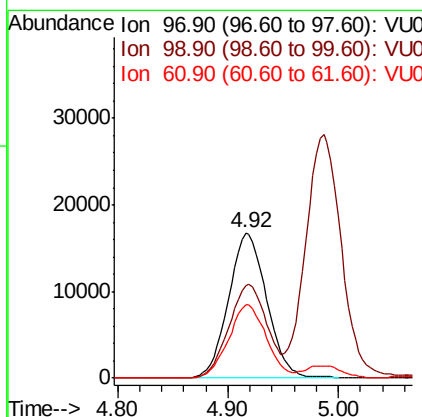
Manual Integrations
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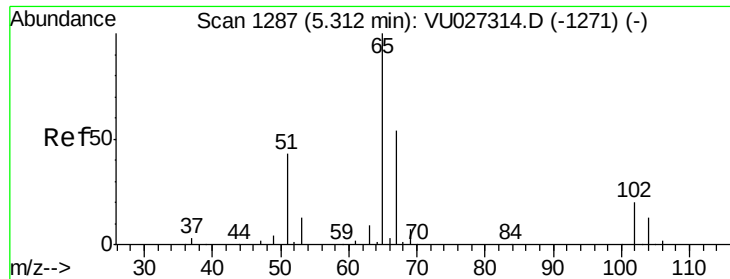
MMDadoda
10/11/2018 9:01:30 AM



#32
1,1,1-Trichloroethane
Concen: 20.686 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027530.D
Acq: 09 Oct 2018 18:48

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.1	76.7
61	50.4	39.6	59.4





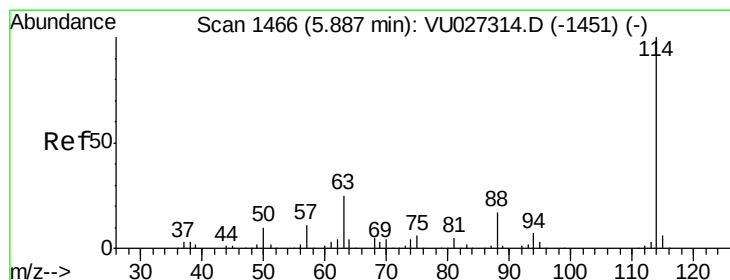
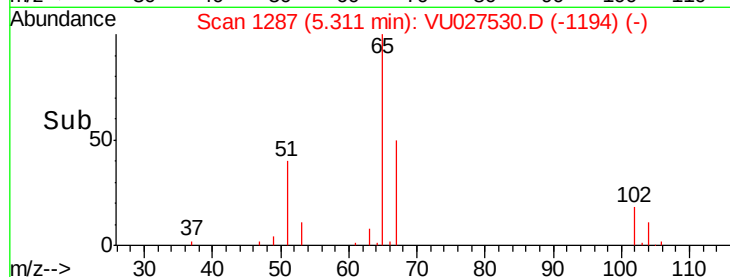
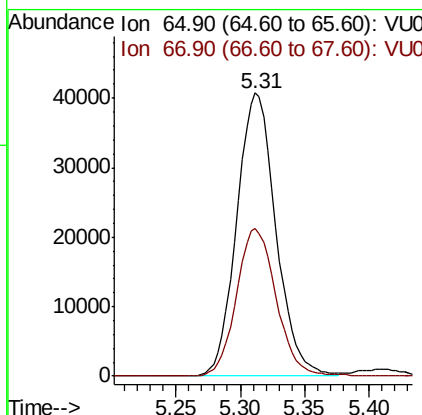
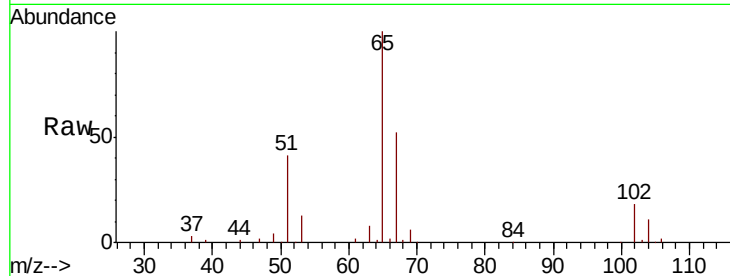
#33
 1,2-Dichloroethane-d4
 Concen: 52.077 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027530.D
 Acq: 09 Oct 2018 18:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1010WBSD01

Tgt Ion: 65 Resp: 86169
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 107.8

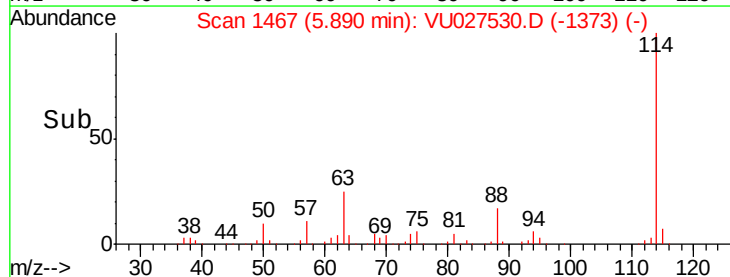
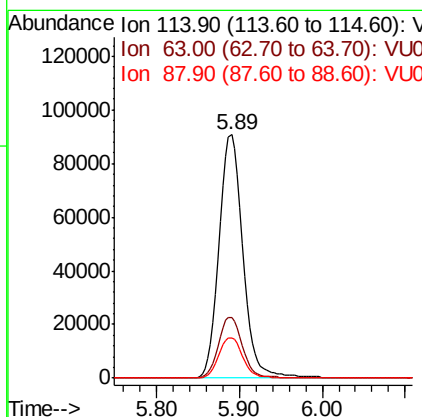
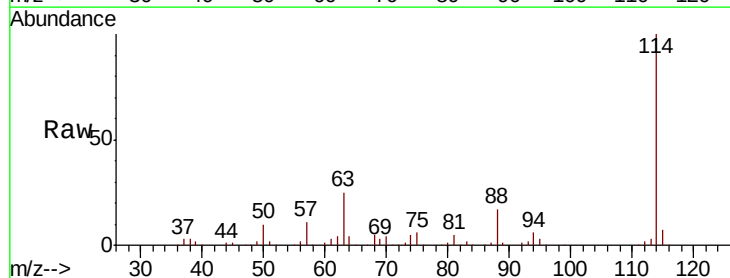
Manual Integrations
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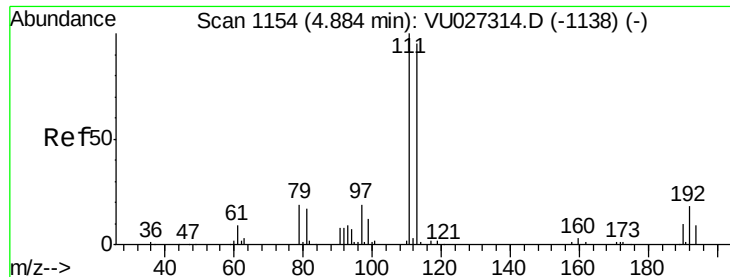
MMDadoda
 10/11/2018 9:01:30 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027530.D
 Acq: 09 Oct 2018 18:48

Tgt Ion: 114 Resp: 181445
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 50.2
 88 16.5 0.0 33.8





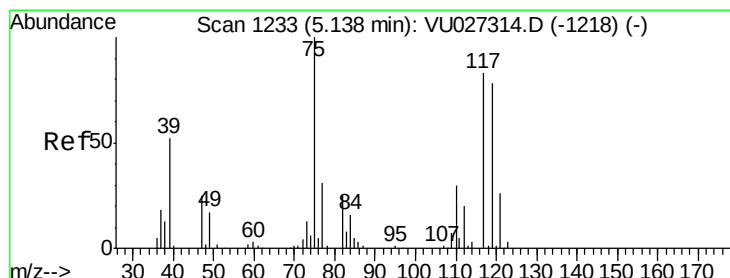
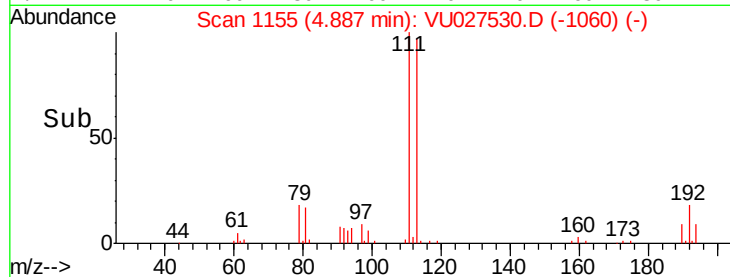
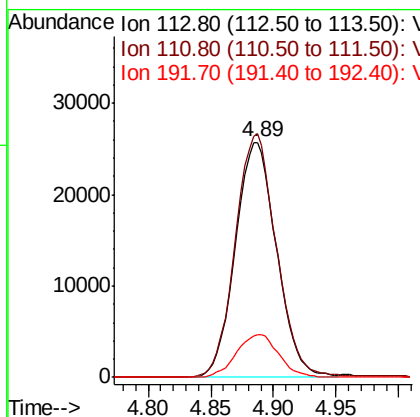
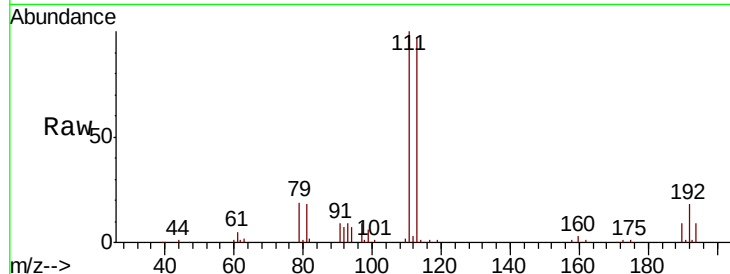
#35
 Dibromofluoromethane
 Concen: 47.287 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027530.D
 Acq: 09 Oct 2018 18:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1010WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	58801		
111	103.3	83.1	124.7	
192	18.5	15.4	23.0	

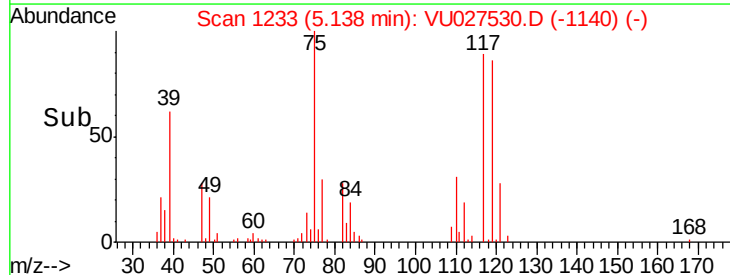
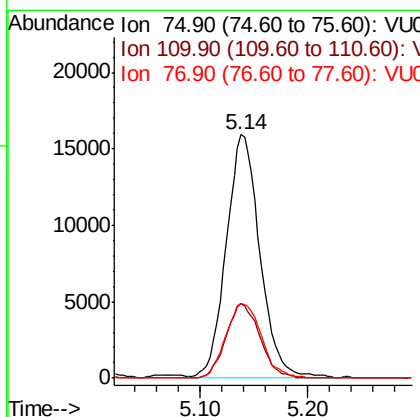
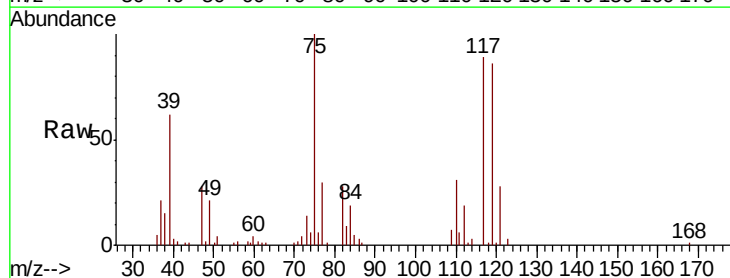
Manual Integrations
 APPROVED

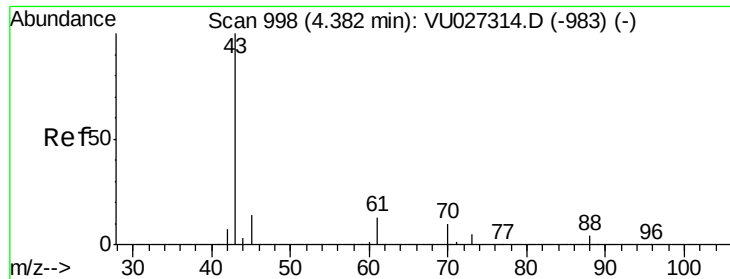
MMDadoda
 10/11/2018 9:01:30 AM



#36
 1,1-Dichloropropene
 Concen: 17.628 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: VU027530.D
 Acq: 09 Oct 2018 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	34729		
110	30.6	15.5	46.5	
77	32.3	25.4	38.0	





#37

Ethyl Acetate

Concen: 20.265 ug/l

RT: 4.39 min Scan# 999

Delta R.T. 0.00 min

Lab File: VU027530.D

Acq: 09 Oct 2018 18:48

Instrument :

MSVOA_U

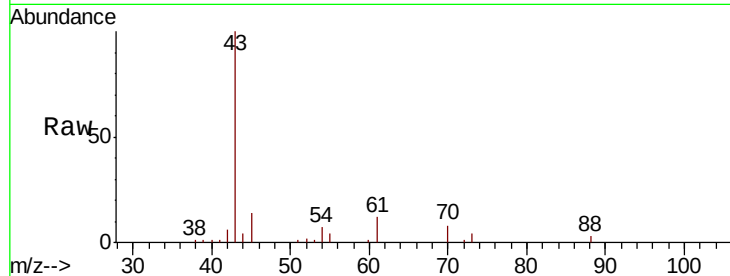
ClientSampleId :

VU1010WBSD01

Tgt Ion:	43	Resp:	51598
Ion	Ratio	Lower	Upper
43	100		
61	12.1	10.7	16.1
70	8.5	7.4	11.2

Manual Integrations
APPROVED

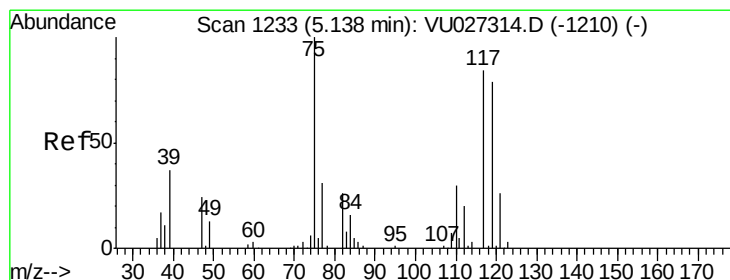
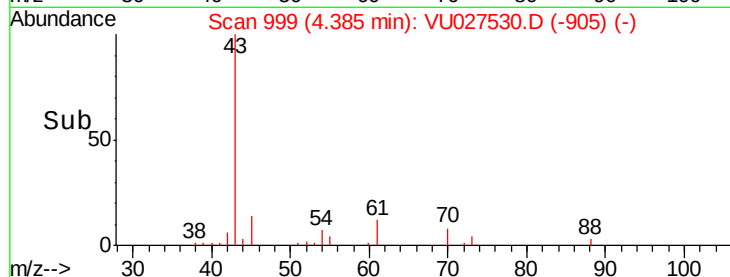
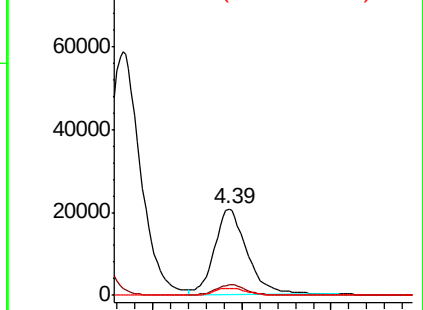
MMDadoda
10/11/2018 9:01:30 AM



Abundance Ion 43.00 (42.70 to 43.70): VU027530.D (-983) (-)

Ion 60.90 (60.60 to 61.60): VU027530.D (-983) (-)

Ion 70.00 (69.70 to 70.70): VU027530.D (-983) (-)



#38

Carbon Tetrachloride

Concen: 18.623 ug/l

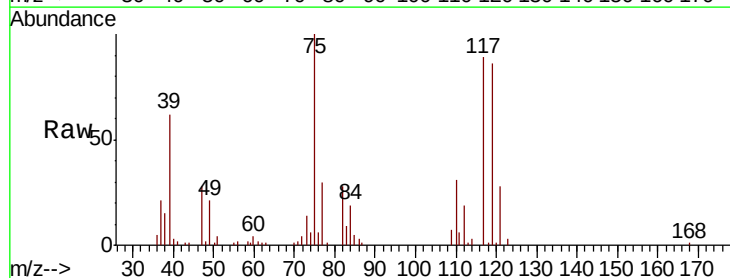
RT: 5.14 min Scan# 1233

Delta R.T. -0.00 min

Lab File: VU027530.D

Acq: 09 Oct 2018 18:48

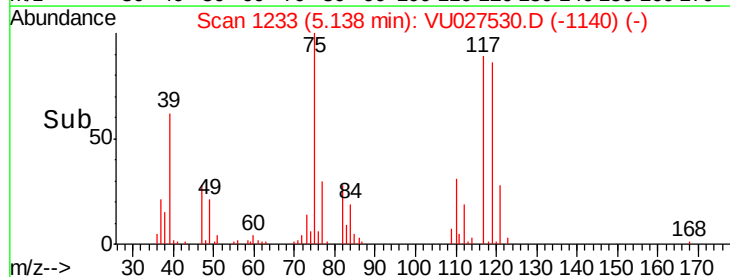
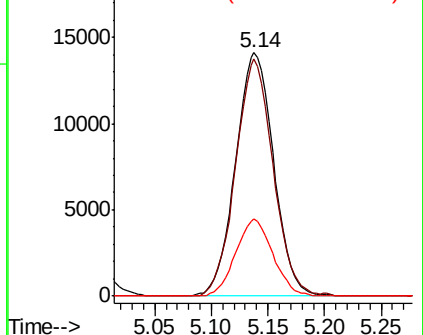
Tgt Ion:	117	Resp:	33142
Ion	Ratio	Lower	Upper
117	100		
119	97.3	74.5	111.7
121	31.6	24.6	37.0

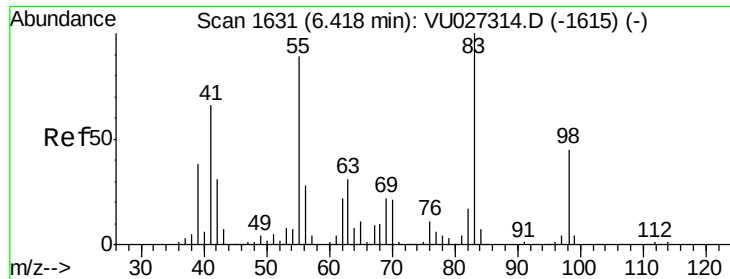


Abundance Ion 116.80 (116.50 to 117.50): VU027530.D (-1140) (-)

Ion 118.80 (118.50 to 119.50): VU027530.D (-1140) (-)

Ion 120.80 (120.50 to 121.50): VU027530.D (-1140) (-)





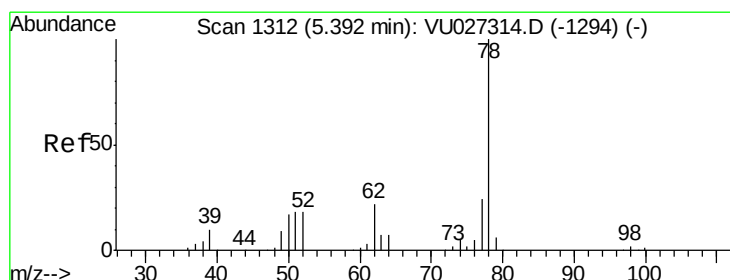
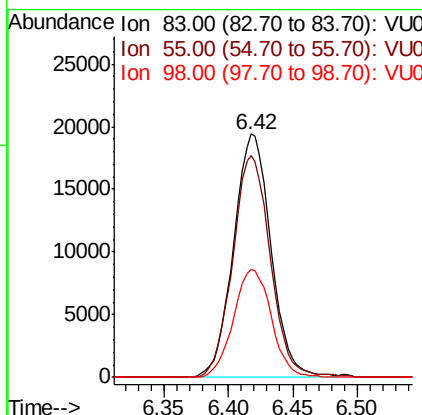
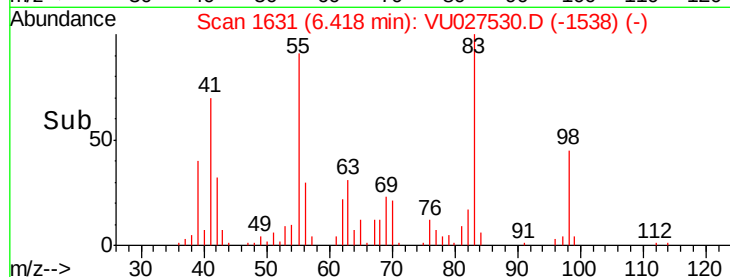
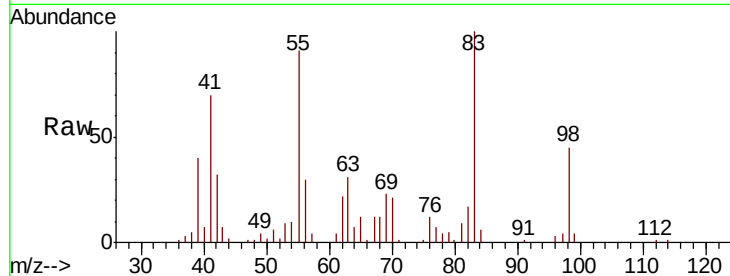
#39
Methylcyclohexane
Concen: 17.053 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VU027530.D
Acq: 09 Oct 2018 18:48

Instrument :
MSVOA_U
ClientSampleId :
VU1010WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	91.2	71.1	106.7
98	44.6	36.3	54.5

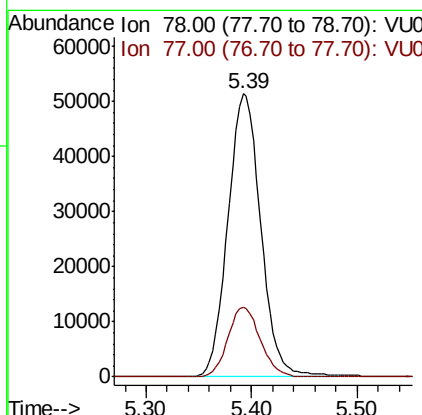
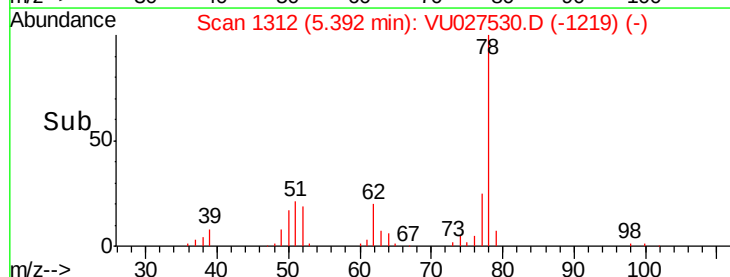
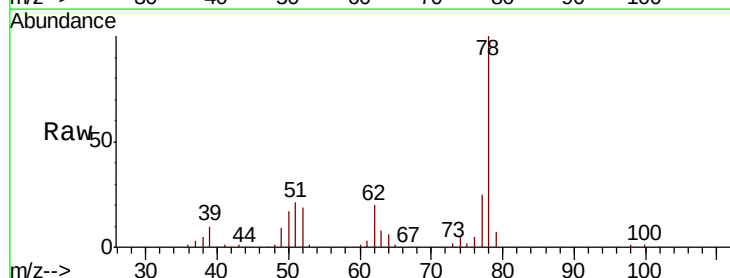
Manual Integrations
APPROVED

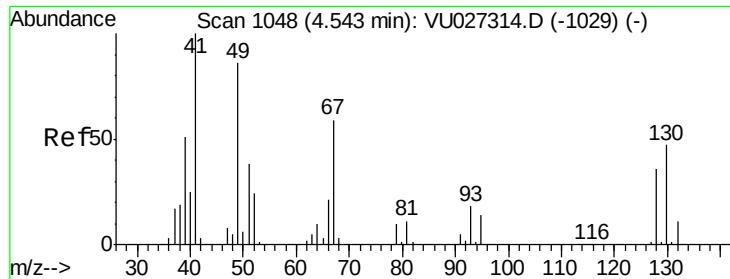
MMDadoda
10/11/2018 9:01:30 AM



#40
Benzene
Concen: 19.379 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. -0.00 min
Lab File: VU027530.D
Acq: 09 Oct 2018 18:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.3	28.9





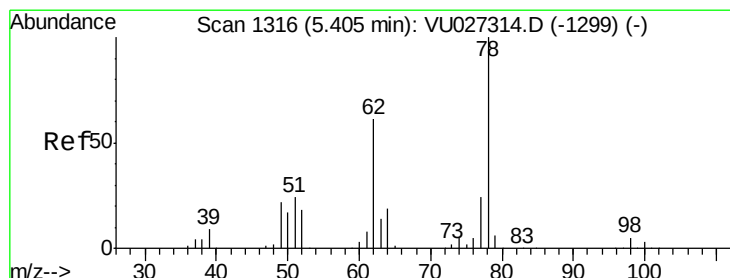
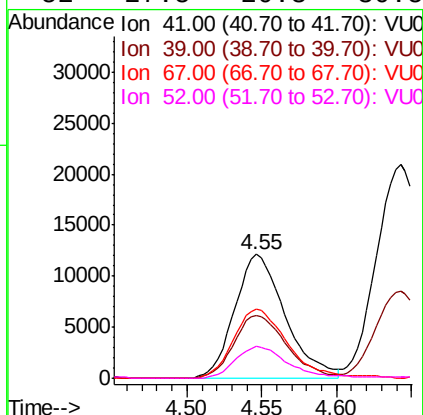
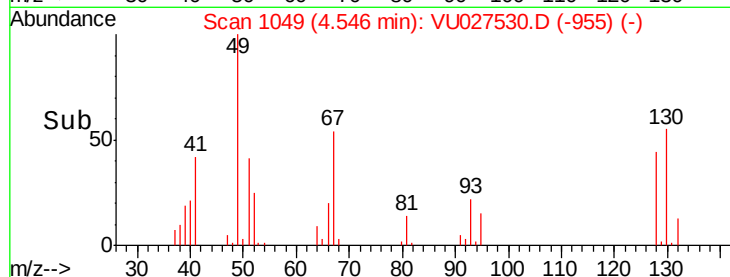
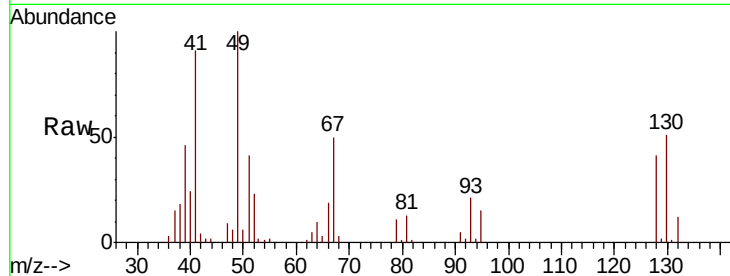
#41
Methacrylonitrile
Concen: 19.822 ug/l
RT: 4.55 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VU027530.D
Acq: 09 Oct 2018 18:48

Instrument :
MSVOA_U
ClientSampleId :
VU1010WBSD01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	53.4	41.1	61.7
67	59.8	50.4	75.6
52	27.5	20.3	30.5

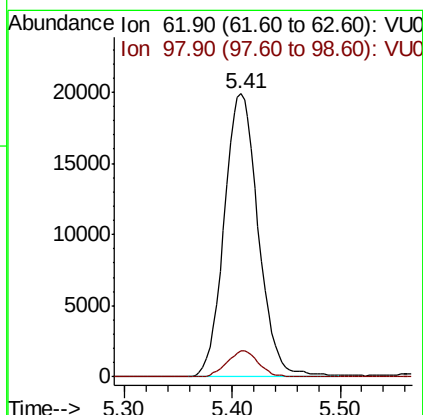
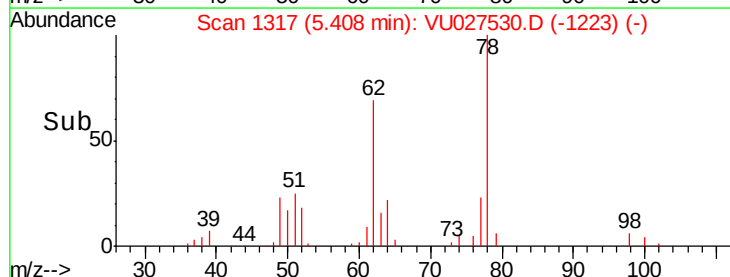
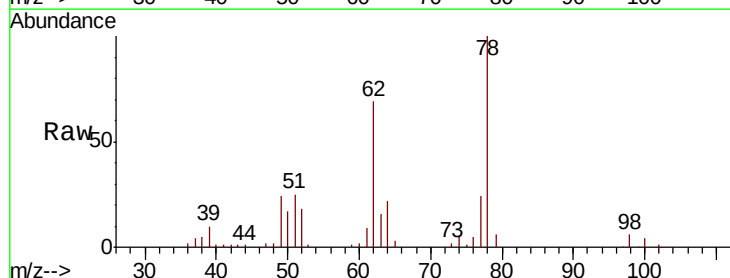
Manual Integrations
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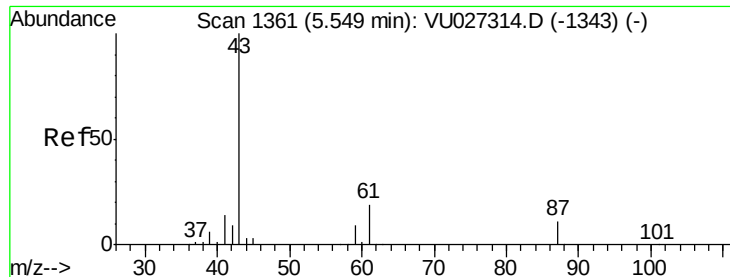
MMDadoda
10/11/2018 9:01:30 AM



#42
1,2-Dichloroethane
Concen: 20.599 ug/l
RT: 5.41 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VU027530.D
Acq: 09 Oct 2018 18:48

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.8





#43

Isopropyl Acetate

Concen: 20.440 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU027530.D

Acq: 09 Oct 2018 18:48

Instrument :

MSVOA_U

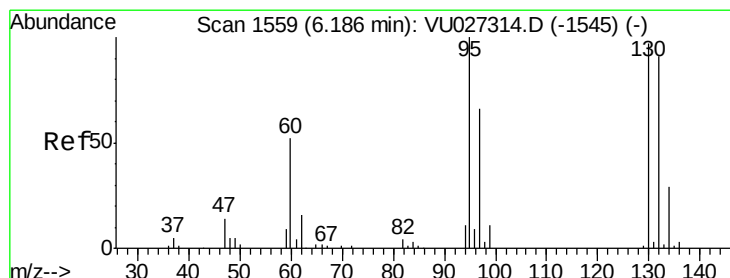
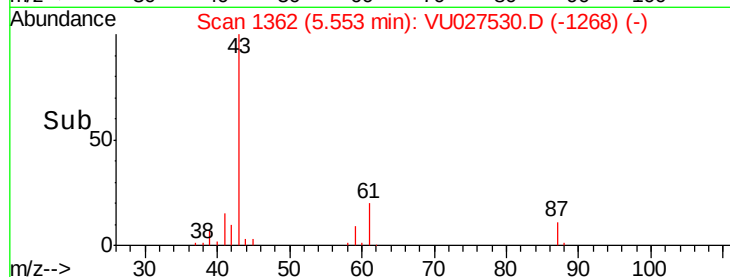
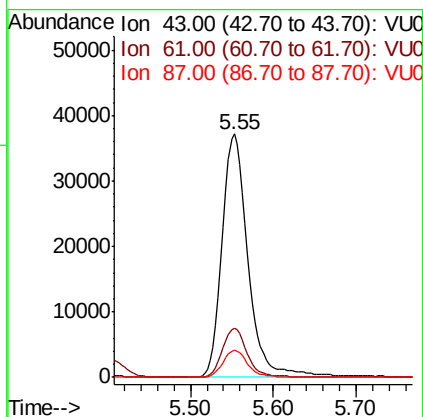
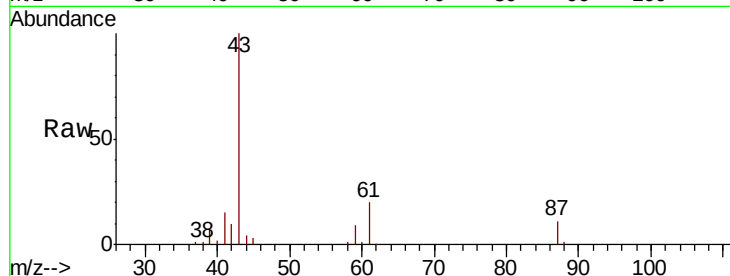
ClientSampleId :

VU1010WBSD01

Tgt Ion:	43	Resp:	80830
Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.3	22.9
87	10.4	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
10/11/2018 9:01:30 AM



#44

Trichloroethene

Concen: 18.696 ug/l

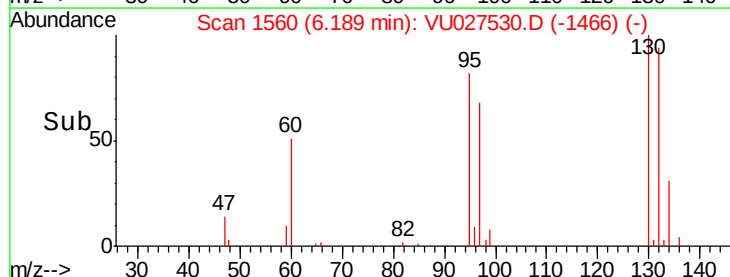
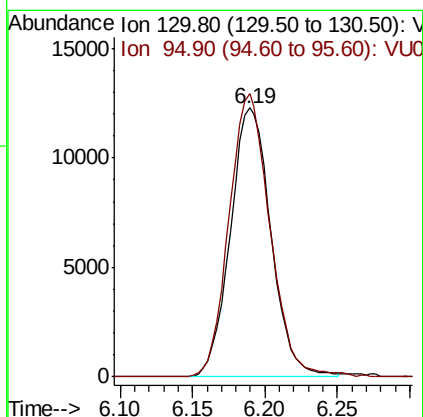
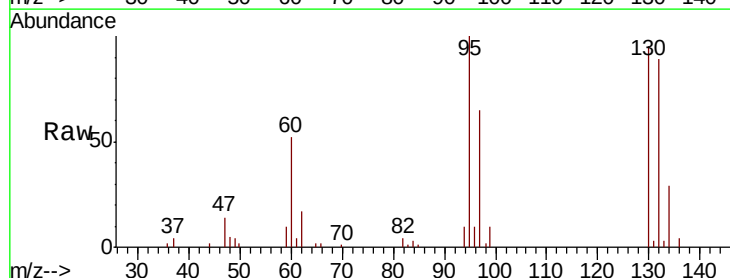
RT: 6.19 min Scan# 1560

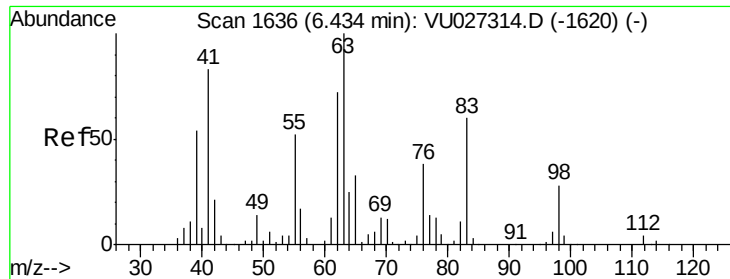
Delta R.T. 0.00 min

Lab File: VU027530.D

Acq: 09 Oct 2018 18:48

Tgt Ion:	130	Resp:	23924
Ion	Ratio	Lower	Upper
130	100		
95	105.3	0.0	207.0





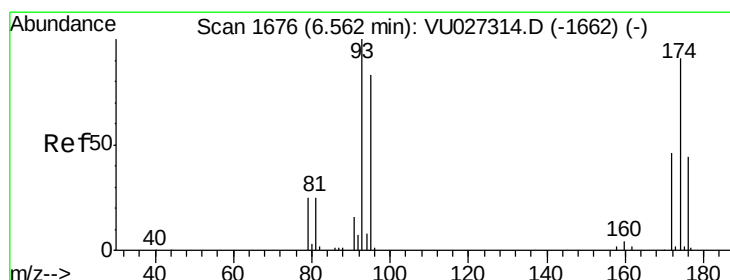
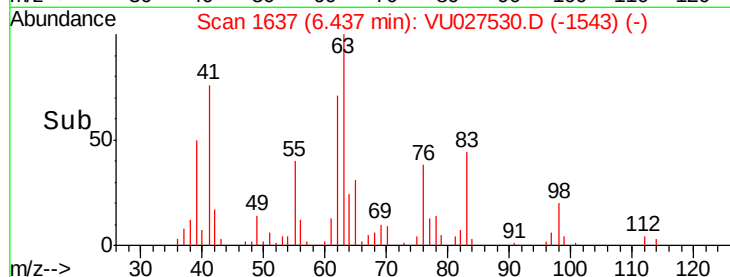
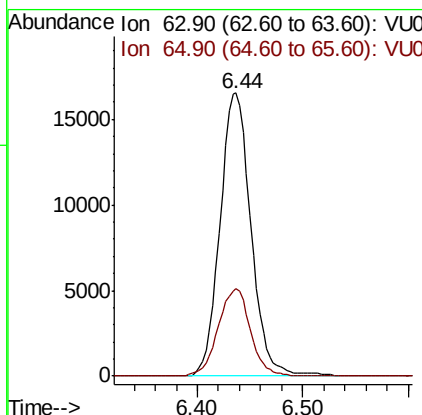
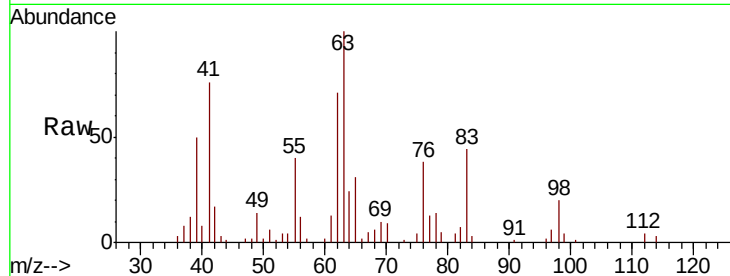
#45
 1,2-Dichloropropane
 Concen: 20.306 ug/l
 RT: 6.44 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VU027530.D
 Acq: 09 Oct 2018 18:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1010WBSD01

Tgt Ion: 63 Resp: 33610
 Ion Ratio Lower Upper
 63 100
 65 30.9 26.0 39.0

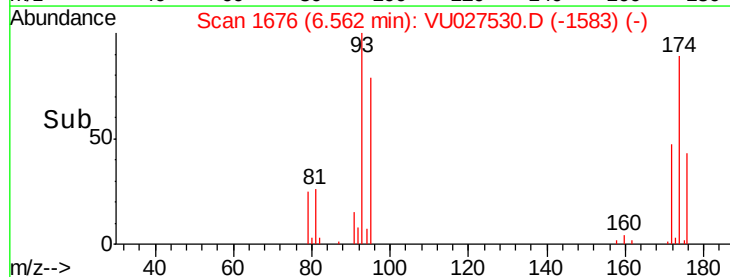
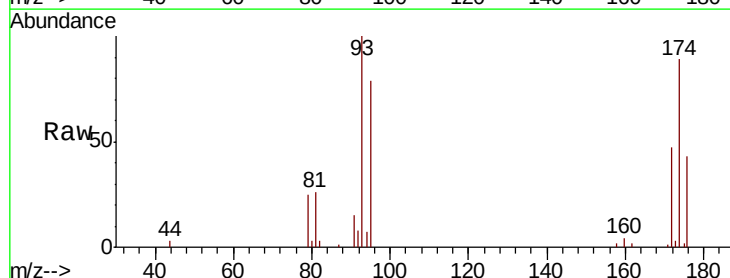
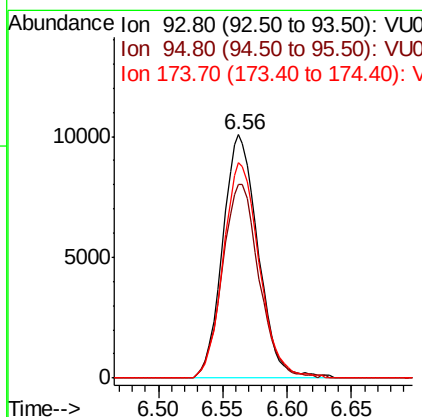
Manual Integrations
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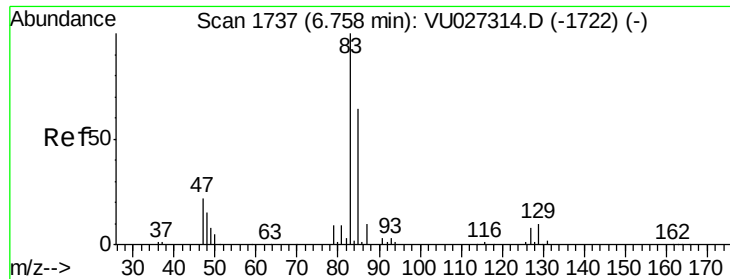
MMDadoda
 10/11/2018 9:01:30 AM



#46
 Dibromomethane
 Concen: 20.458 ug/l
 RT: 6.56 min Scan# 1676
 Delta R.T. -0.00 min
 Lab File: VU027530.D
 Acq: 09 Oct 2018 18:48

Tgt Ion: 93 Resp: 19125
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.5 99.7
 174 90.2 72.5 108.7





#47

Bromodichloromethane

Concen: 20.025 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VU027530.D

Acq: 09 Oct 2018 18:48

Instrument :

MSVOA_U

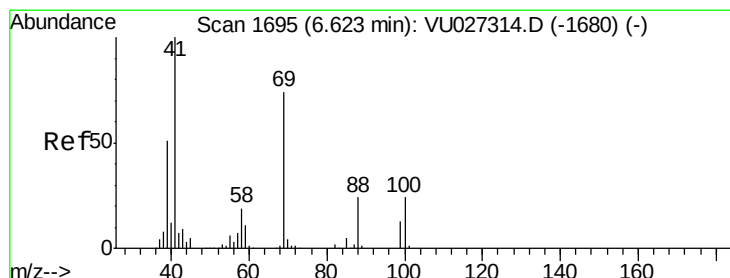
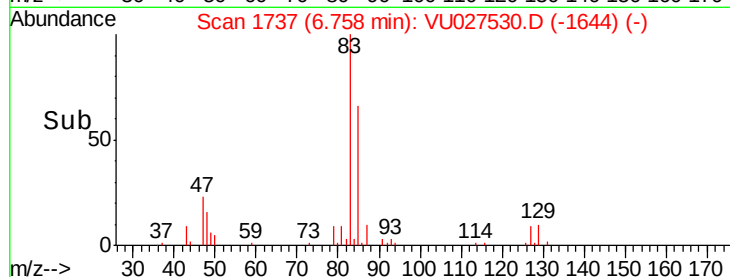
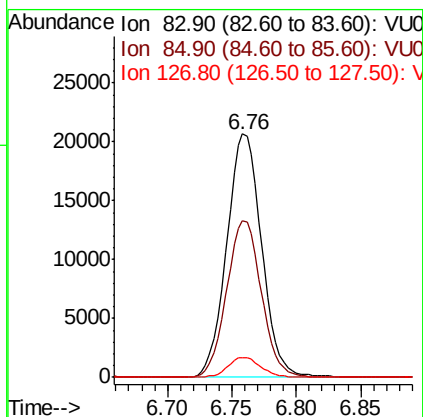
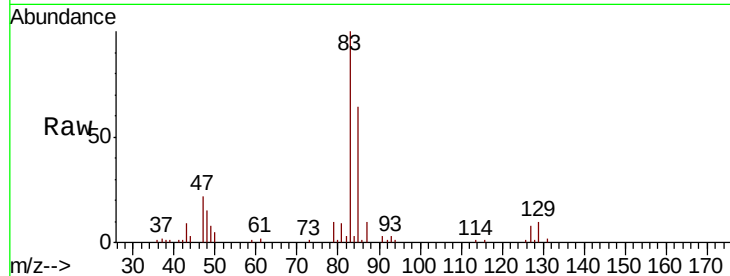
ClientSampleId :

VU1010WBSD01

Tgt Ion:	83	Resp:	38844
Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.4	77.0
127	8.3	6.3	9.5

Manual Integrations
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MMDadoda
10/11/2018 9:01:30 AM



#48

Methyl methacrylate

Concen: 19.984 ug/l

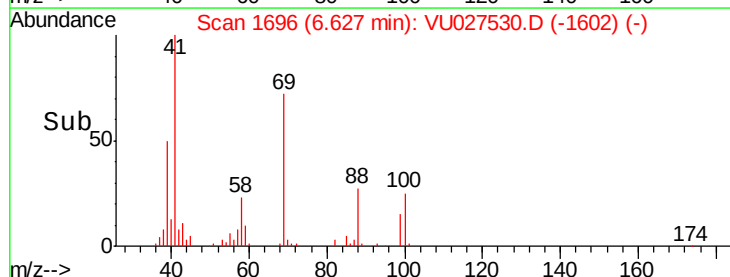
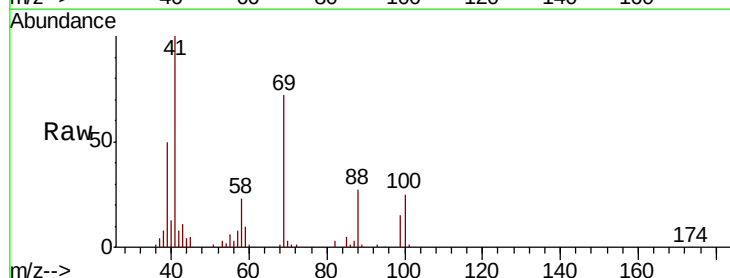
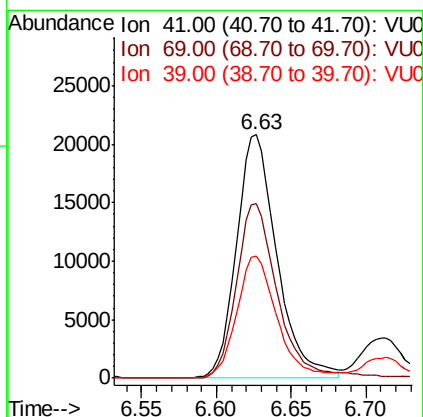
RT: 6.63 min Scan# 1696

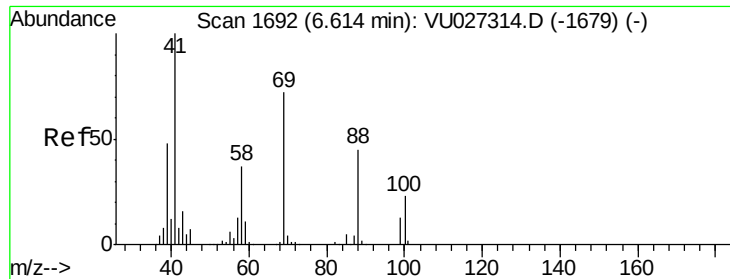
Delta R.T. 0.00 min

Lab File: VU027530.D

Acq: 09 Oct 2018 18:48

Tgt Ion:	41	Resp:	39299
Ion	Ratio	Lower	Upper
41	100		
69	72.6	61.0	91.4
39	49.3	39.9	59.9





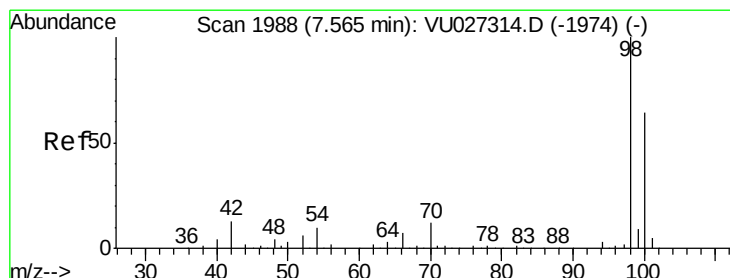
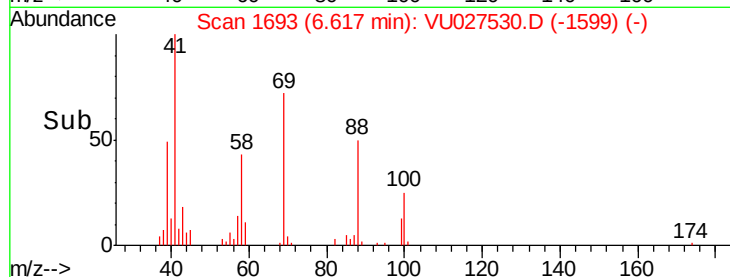
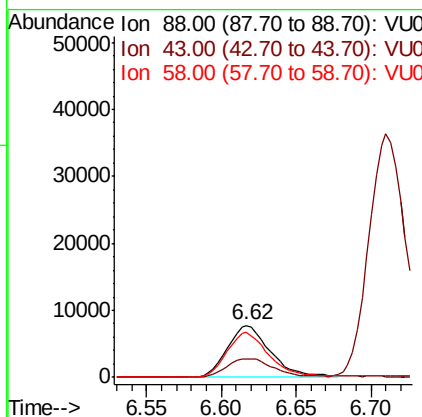
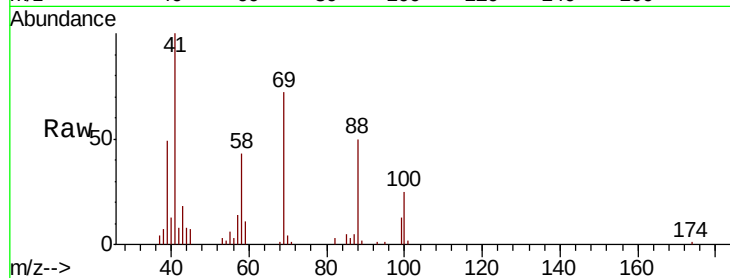
#49
1,4-Dioxane
Concen: 462.097 ug/l
RT: 6.62 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VU027530.D
Acq: 09 Oct 2018 18:48

Instrument :
MSVOA_U
ClientSampleId :
VU1010WBSD01

Tgt Ion: 88 Resp: 15635
Ion Ratio Lower Upper
88 100
43 38.5 30.8 46.2
58 84.4 67.0 100.6

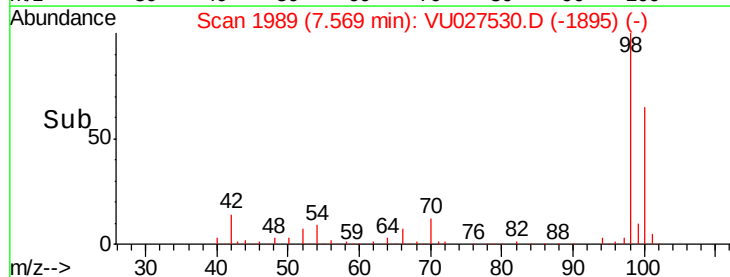
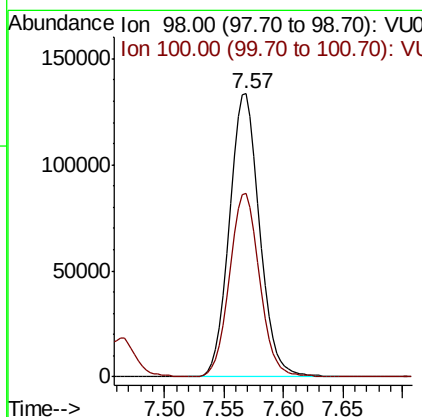
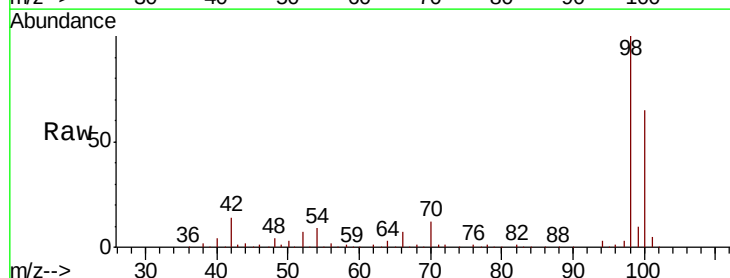
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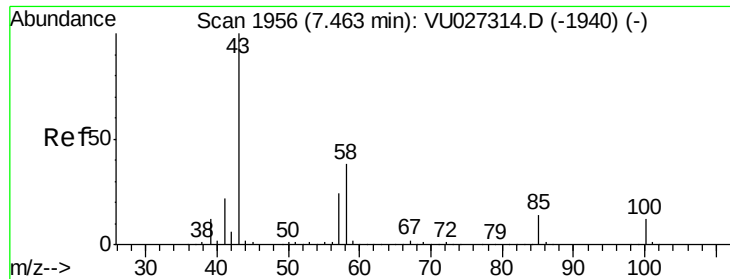
MMDadoda
10/11/2018 9:01:30 AM



#50
Toluene-d8
Concen: 50.449 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027530.D
Acq: 09 Oct 2018 18:48

Tgt Ion: 98 Resp: 234792
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 104.857 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VU027530.D

Acq: 09 Oct 2018 18:48

Instrument :

MSVOA_U

ClientSampleId :

VU1010WBSD01

Tgt Ion: 43 Resp: 269444

Ion Ratio Lower Upper

43 100

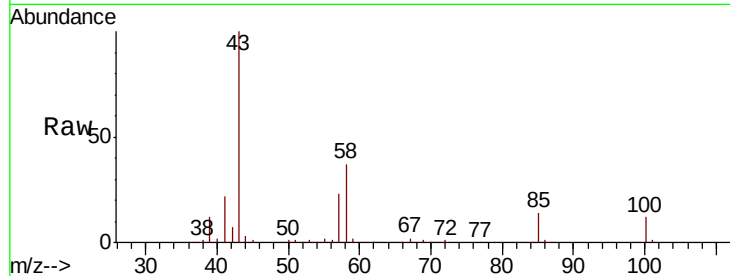
58 36.5 29.8 44.8

Manual Integrations

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10/11/2018 9:01:30 AM



Abundance Ion 43.00 (42.70 to 43.70): VU027530.D (-1863) (-)

Ion 58.00 (57.70 to 58.70): VU027530.D (-1863) (-)

7.46

150000

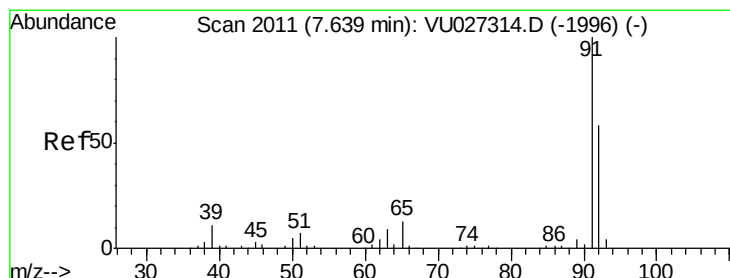
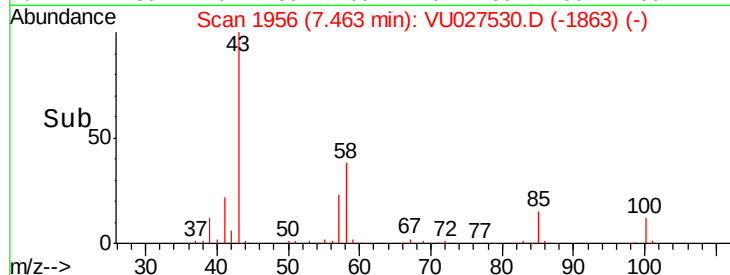
100000

50000

0

7.35 7.40 7.45 7.50 7.55

Time-->



#52

Toluene

Concen: 19.333 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. -0.00 min

Lab File: VU027530.D

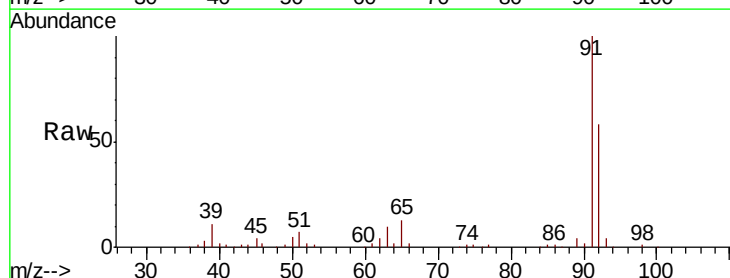
Acq: 09 Oct 2018 18:48

Tgt Ion: 92 Resp: 65668

Ion Ratio Lower Upper

92 100

91 170.6 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VU027530.D (-1918) (-)

Ion 91.00 (90.70 to 91.70): VU027530.D (-1918) (-)

7.64

60000

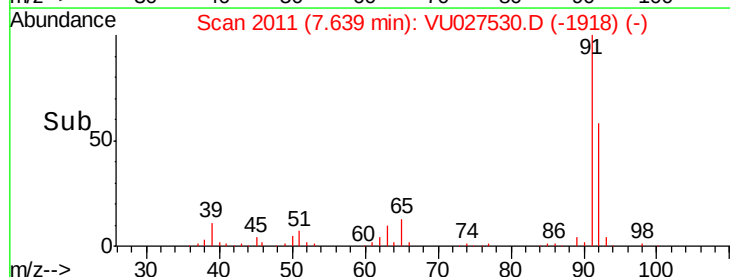
40000

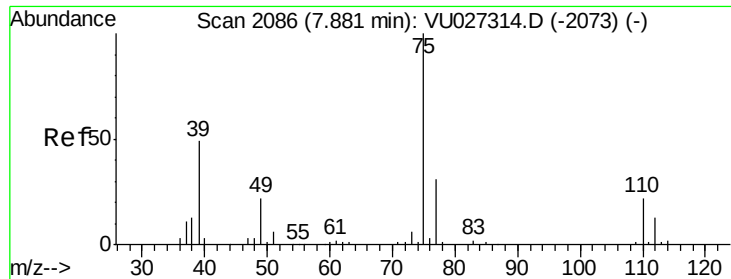
20000

0

7.55 7.60 7.65 7.70 7.75

Time-->





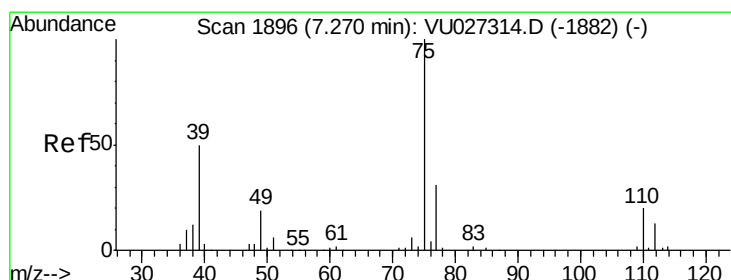
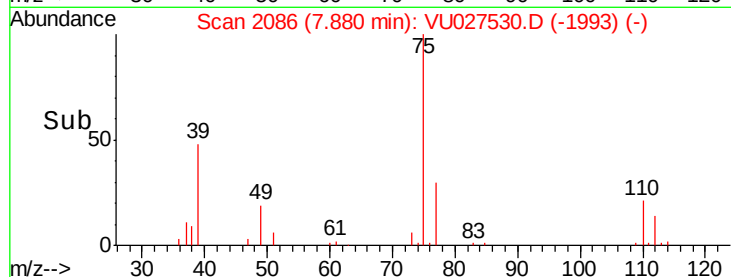
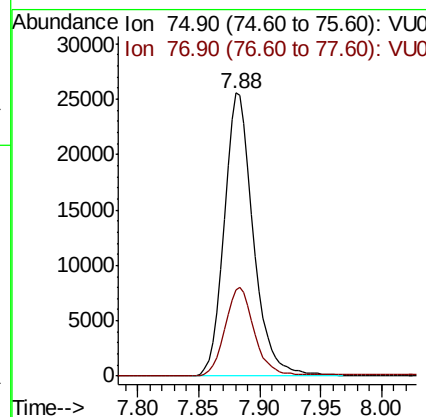
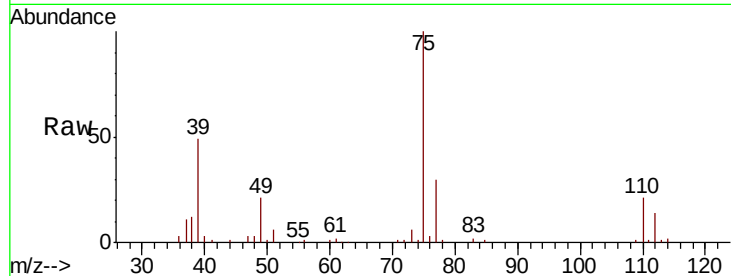
#53
t-1,3-Dichloropropene
Concen: 18.850 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. -0.00 min
Lab File: VU027530.D
Acq: 09 Oct 2018 18:48

Instrument :
MSVOA_U
ClientSampleId :
VU1010WBSD01

Tgt Ion: 75 Resp: 42872
Ion Ratio Lower Upper
75 100
77 30.4 25.0 37.6

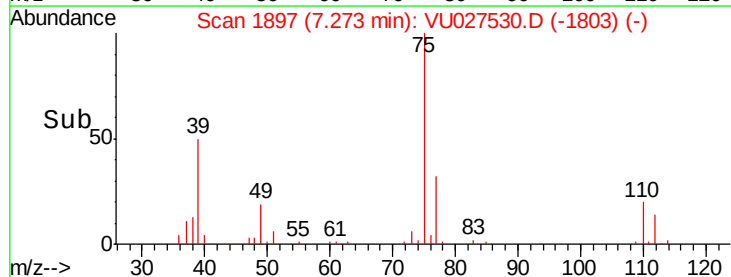
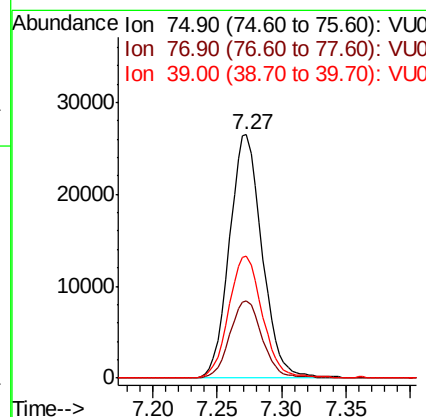
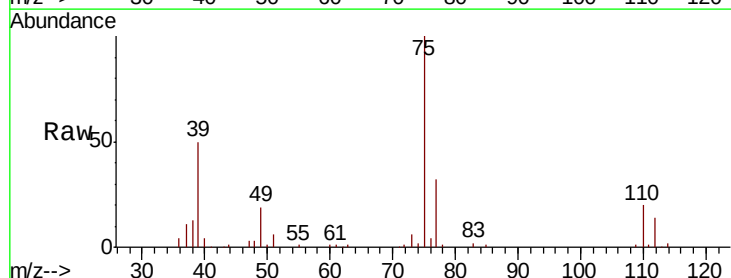
Manual Integrations
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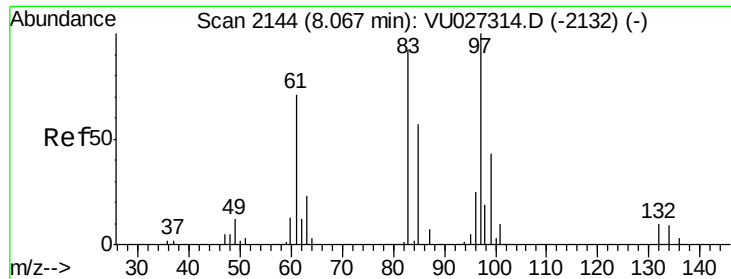
MMDadoda
10/11/2018 9:01:30 AM



#54
cis-1,3-Dichloropropene
Concen: 19.078 ug/l
RT: 7.27 min Scan# 1897
Delta R.T. 0.00 min
Lab File: VU027530.D
Acq: 09 Oct 2018 18:48

Tgt Ion: 75 Resp: 46646
Ion Ratio Lower Upper
75 100
77 31.6 24.5 36.7
39 50.1 40.1 60.1





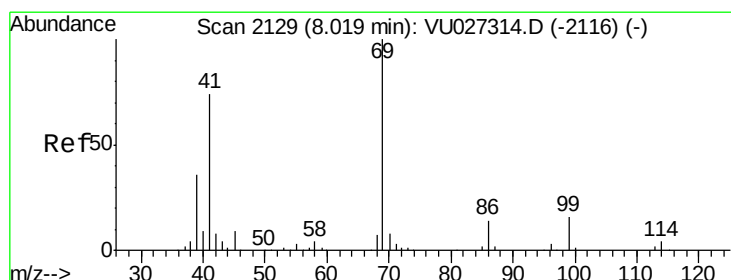
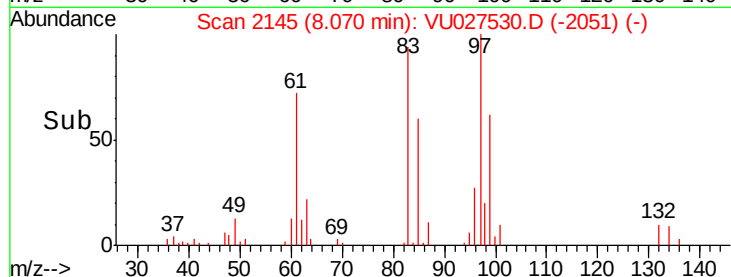
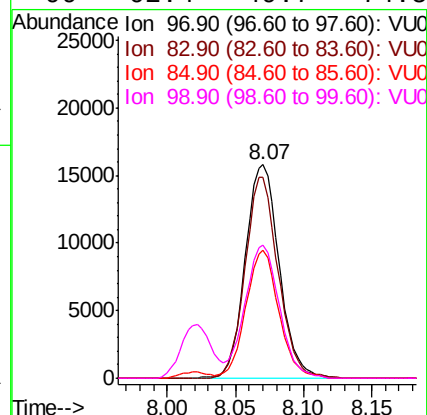
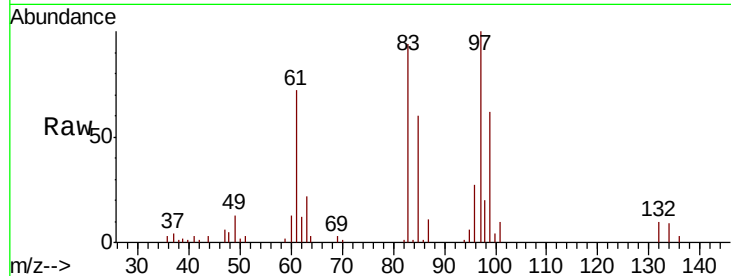
#55
 1,1,2-Trichloroethane
 Concen: 20.270 ug/l
 RT: 8.07 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: VU027530.D
 Acq: 09 Oct 2018 18:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1010WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	27298		
83	94.1	73.0	109.6	
85	60.0	47.3	70.9	
99	62.4	49.7	74.5	

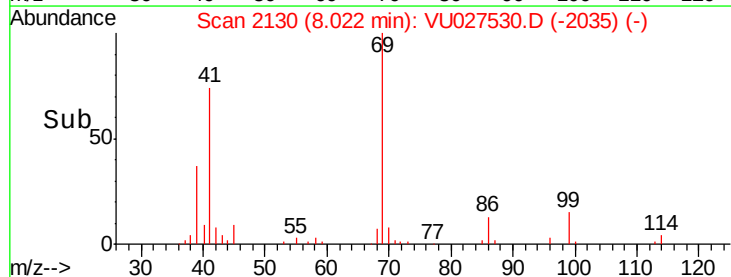
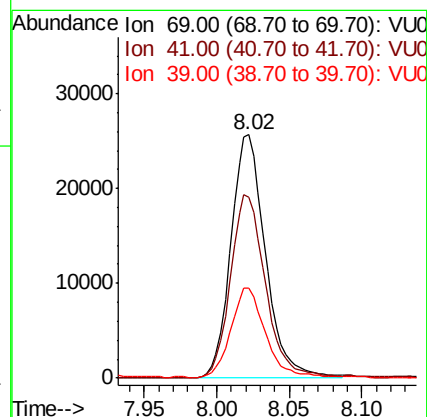
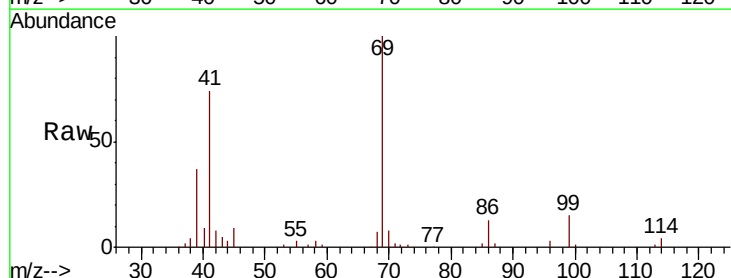
Manual Integrations
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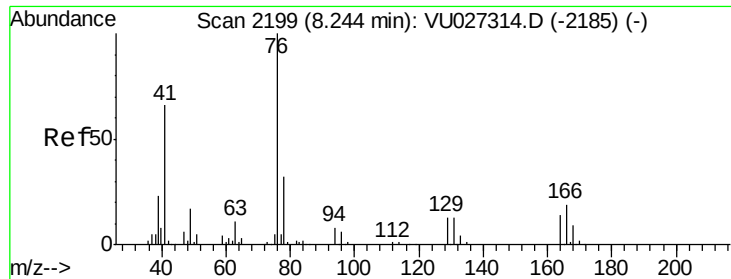
MMDadoda
 10/11/2018 9:01:30 AM



#56
 Ethyl methacrylate
 Concen: 17.986 ug/l
 RT: 8.02 min Scan# 2130
 Delta R.T. 0.00 min
 Lab File: VU027530.D
 Acq: 09 Oct 2018 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	42455		
41	76.6	60.0	90.0	
39	37.5	29.5	44.3	





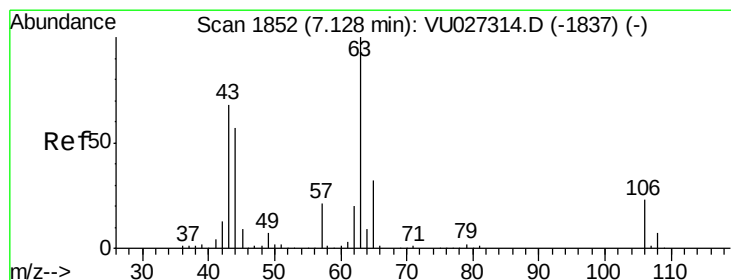
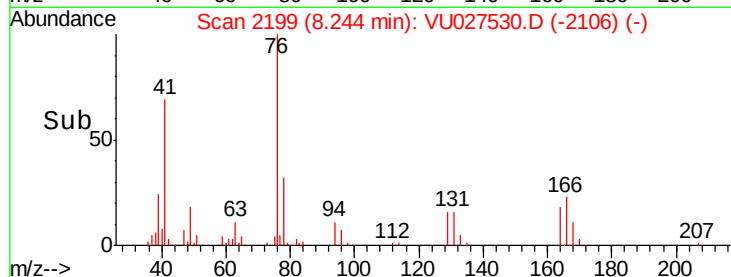
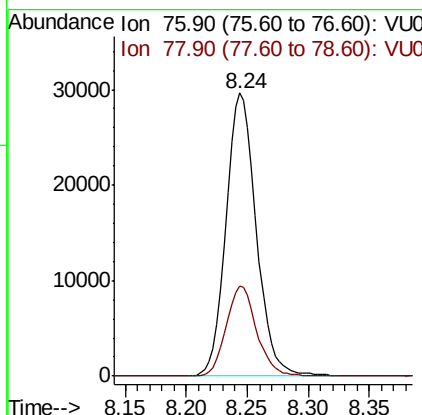
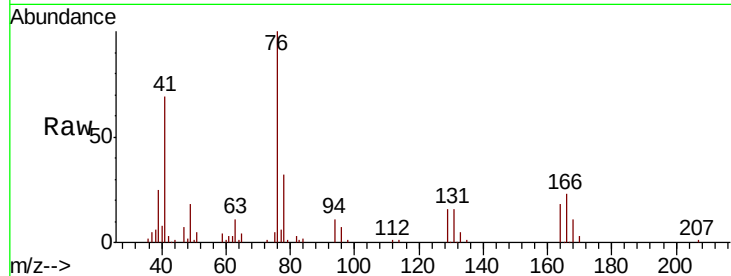
#57
 1,3-Dichloropropane
 Concen: 19.672 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: VU027530.D
 Acq: 09 Oct 2018 18:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1010WBSD01

Tgt Ion: 76 Resp: 51429
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.8 38.6

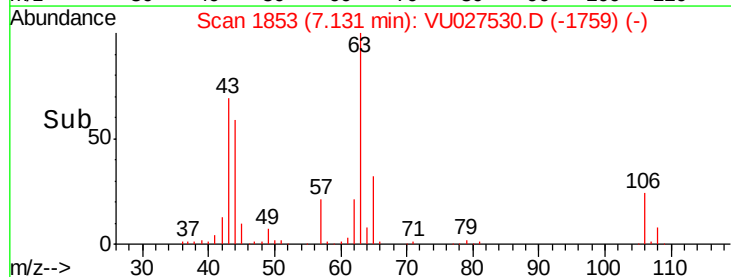
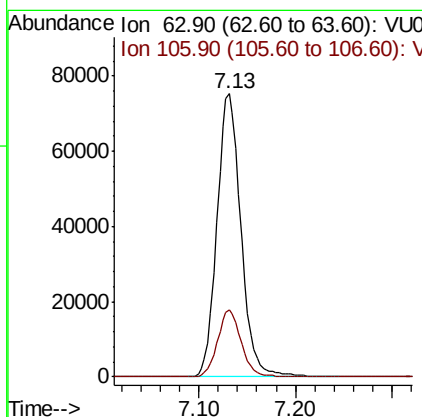
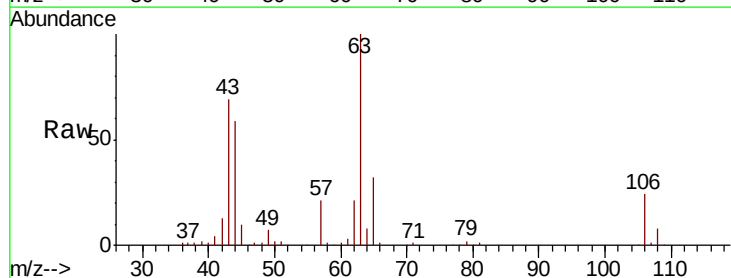
Manual Integrations
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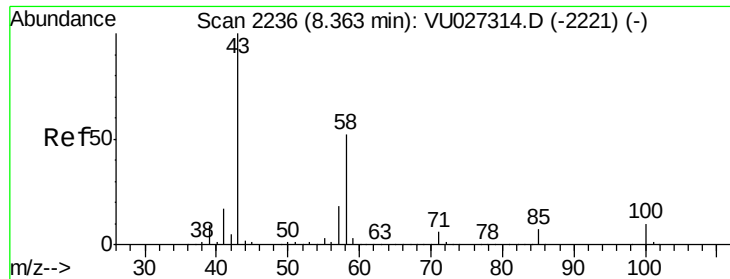
MMDadoda
 10/11/2018 9:01:30 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.870 ug/l
 RT: 7.13 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VU027530.D
 Acq: 09 Oct 2018 18:48

Tgt Ion: 63 Resp: 129811
 Ion Ratio Lower Upper
 63 100
 106 23.3 18.5 27.7





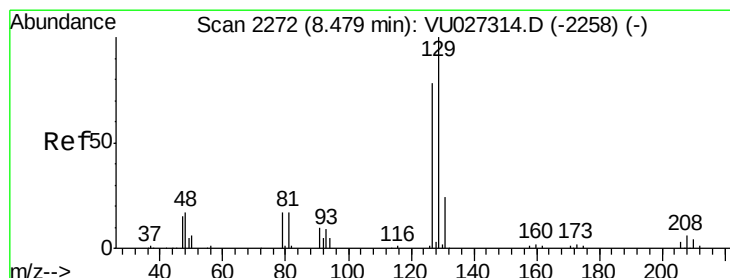
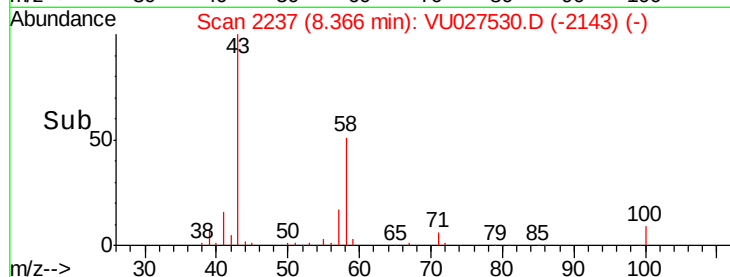
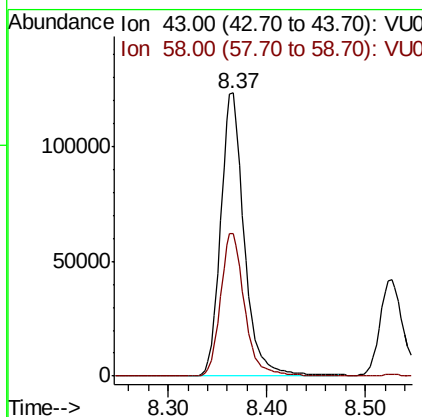
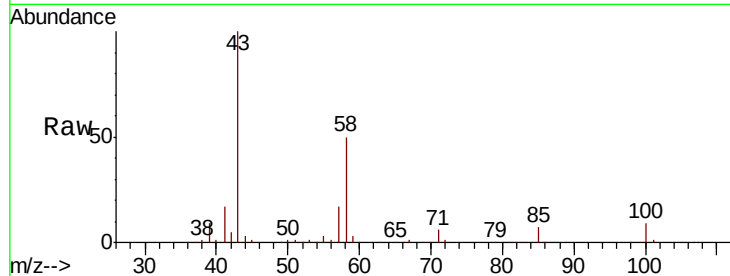
#59
2-Hexanone
Concen: 103.615 ug/l
RT: 8.37 min Scan# 2237
Delta R.T. 0.00 min
Lab File: VU027530.D
Acq: 09 Oct 2018 18:48

Instrument :
MSVOA_U
ClientSampleId :
VU1010WBSD01

Tgt Ion: 43 Resp: 206539
Ion Ratio Lower Upper
43 100
58 51.4 26.1 78.3

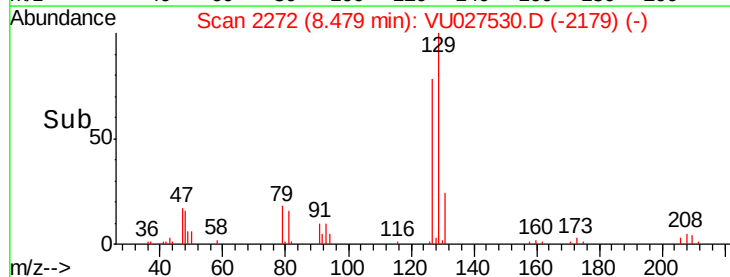
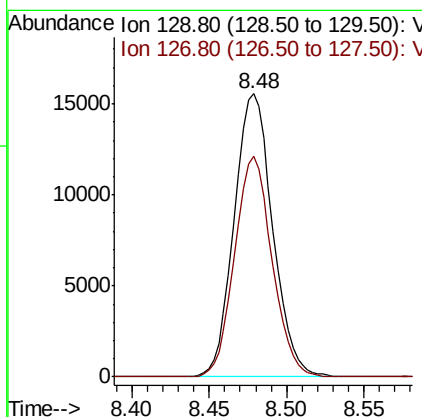
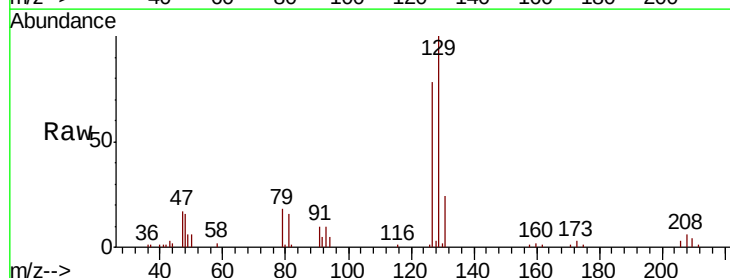
Manual Integrations
APPROVED

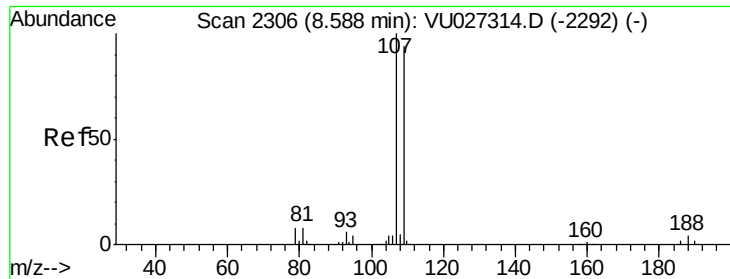
MMDadoda
10/11/2018 9:01:30 AM



#60
Dibromochloromethane
Concen: 19.928 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VU027530.D
Acq: 09 Oct 2018 18:48

Tgt Ion: 129 Resp: 26917
Ion Ratio Lower Upper
129 100
127 75.6 39.1 117.2





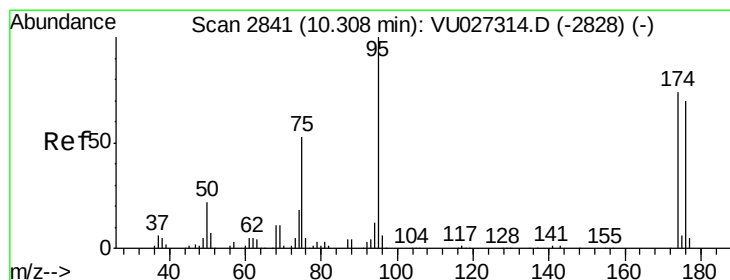
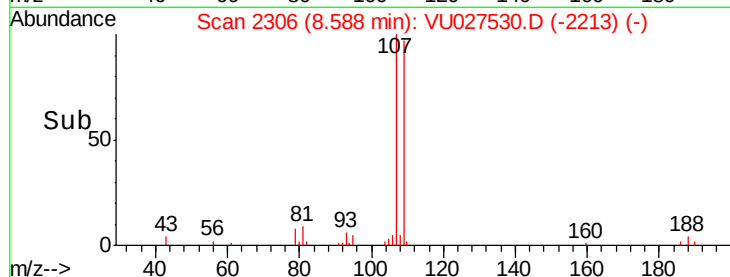
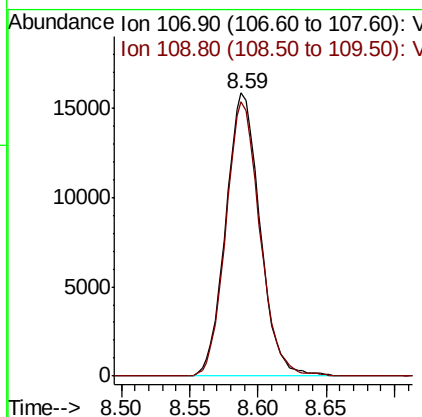
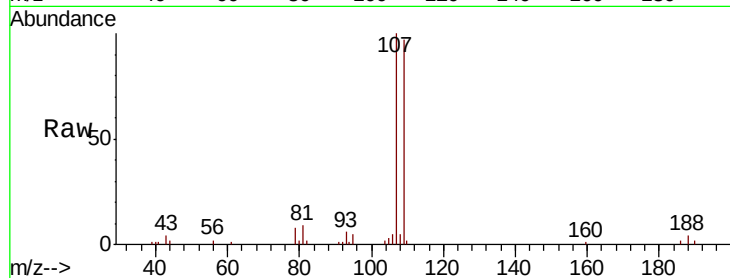
#61
 1,2-Dibromoethane
 Concen: 19.271 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VU027530.D
 Acq: 09 Oct 2018 18:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1010WBSD01

Tgt Ion: 107 Resp: 27593
 Ion Ratio Lower Upper
 107 100
 109 96.4 74.5 111.7

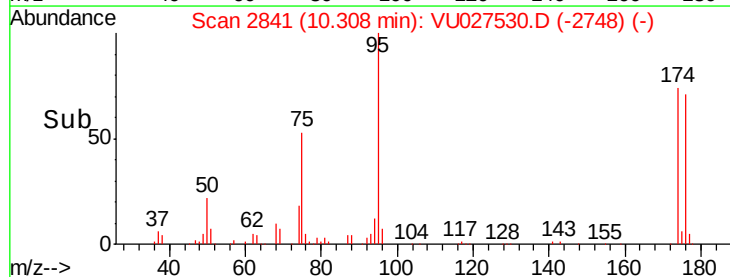
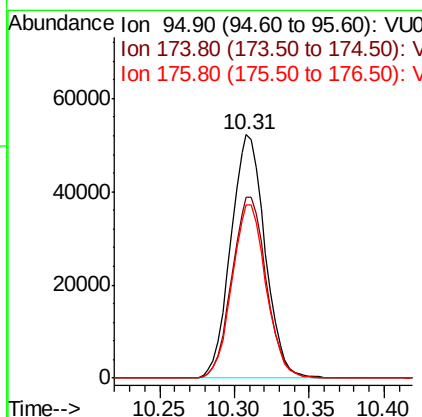
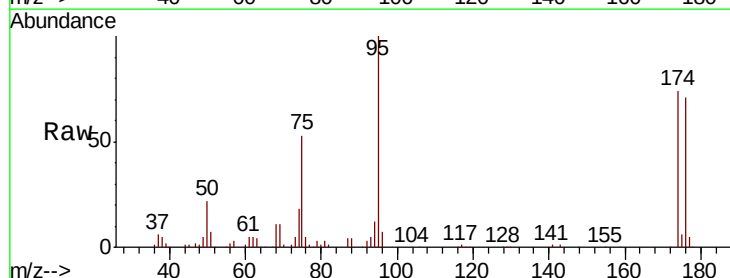
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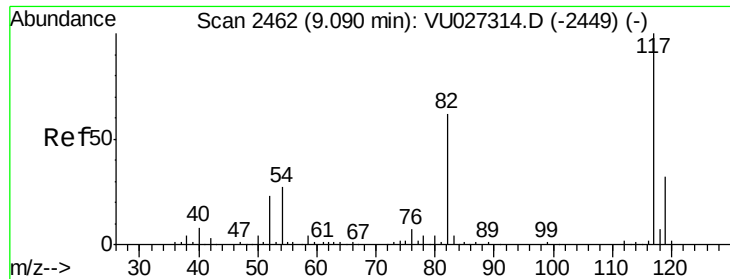
MMDadoda
 10/11/2018 9:01:30 AM



#62
 4-Bromofluorobenzene
 Concen: 48.026 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027530.D
 Acq: 09 Oct 2018 18:48

Tgt Ion: 95 Resp: 83067
 Ion Ratio Lower Upper
 95 100
 174 75.0 0.0 147.8
 176 70.9 0.0 140.8





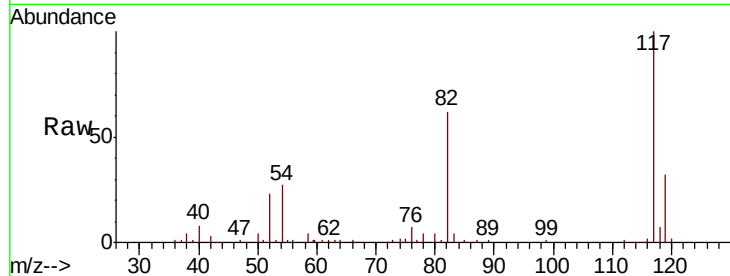
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027530.D
Acq: 09 Oct 2018 18:48

Instrument :
MSVOA_U
ClientSampleId :
VU1010WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	165309		
82	62.4	49.2	73.8	
119	32.0	25.7	38.5	

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10/11/2018 9:01:30 AM

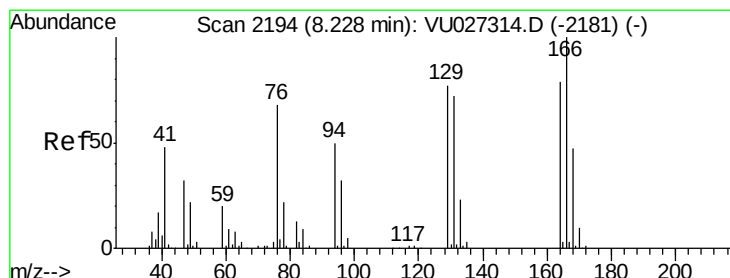
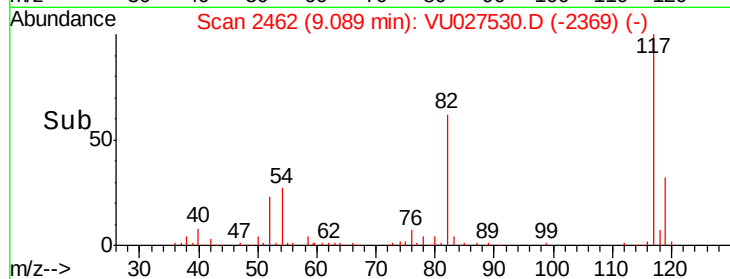
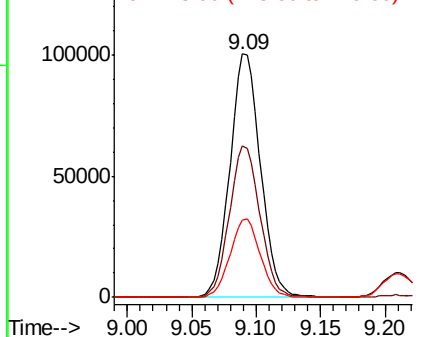


Abundance

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: 19.115 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU027530.D
Acq: 09 Oct 2018 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	19671		
166	130.5	101.0	151.6	
129	98.5	78.0	117.0	
131	93.0	72.6	109.0	

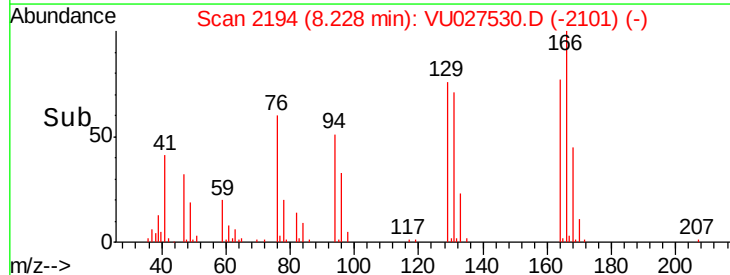
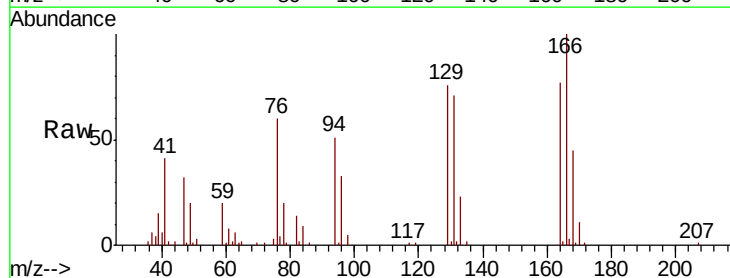
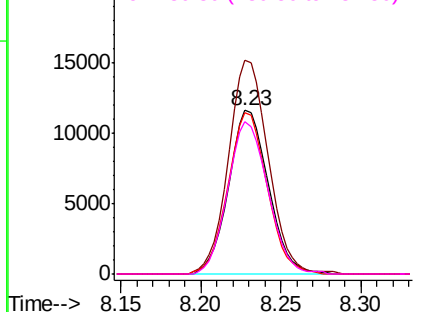
Abundance

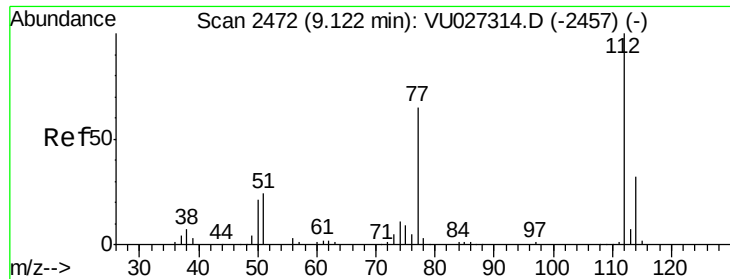
Ion 163.80 (163.50 to 164.50): V

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





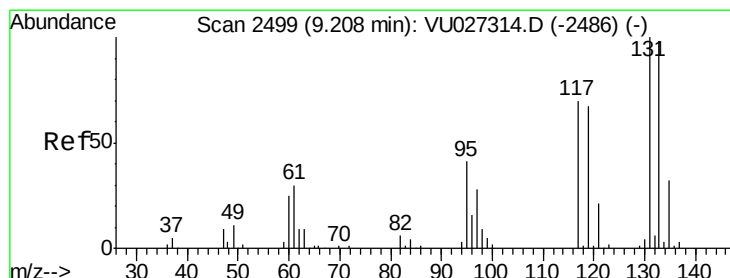
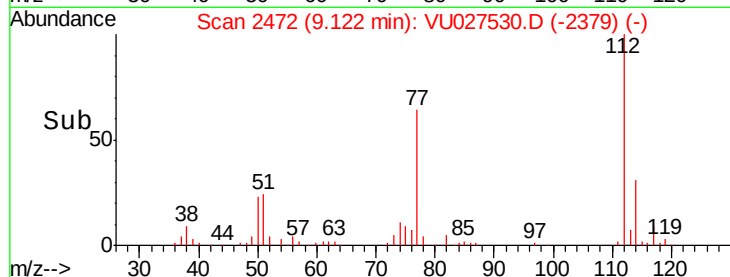
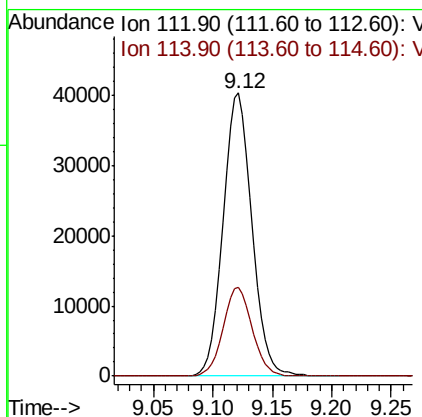
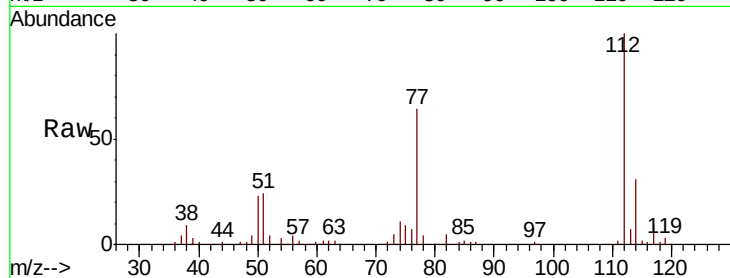
#65
Chlorobenzene
Concen: 19.452 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. -0.00 min
Lab File: VU027530.D
Acq: 09 Oct 2018 18:48

Instrument :
MSVOA_U
ClientSampleId :
VU1010WBSD01

Tgt Ion:112 Resp: 67686
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6

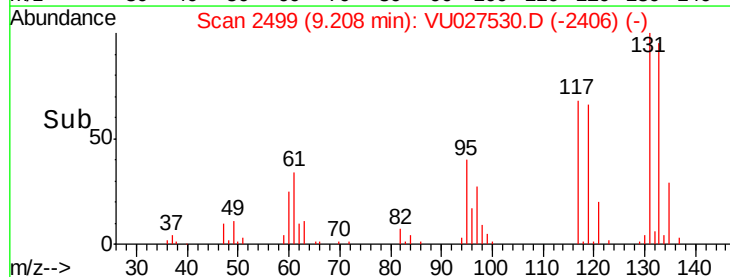
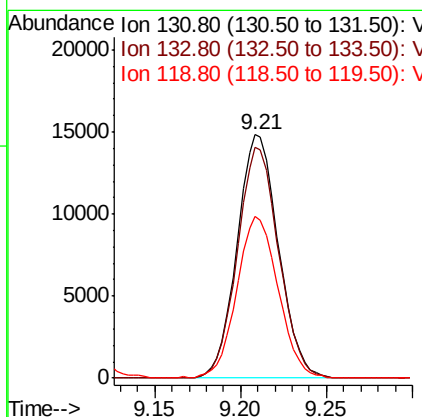
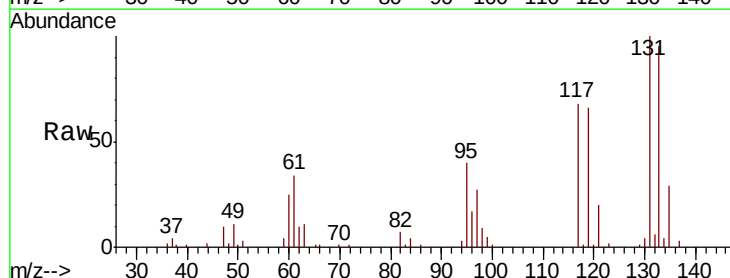
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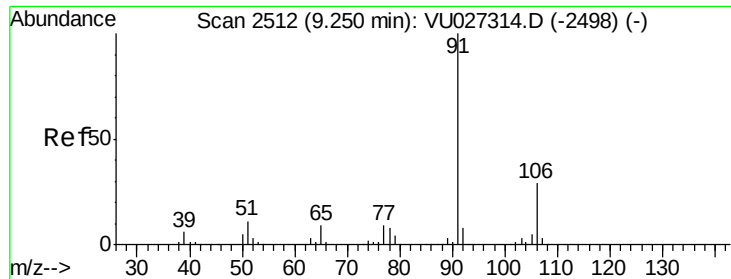
MMDadoda
10/11/2018 9:01:30 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.594 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027530.D
Acq: 09 Oct 2018 18:48

Tgt Ion:131 Resp: 24738
Ion Ratio Lower Upper
131 100
133 95.0 48.5 145.6
119 66.4 33.5 100.4





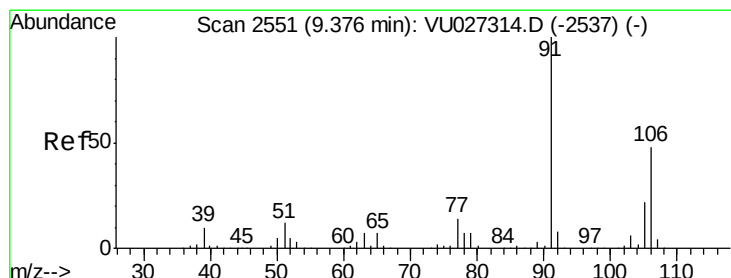
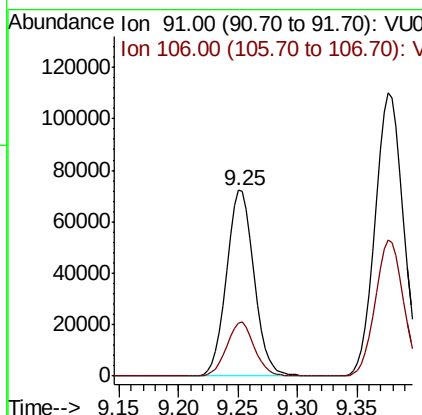
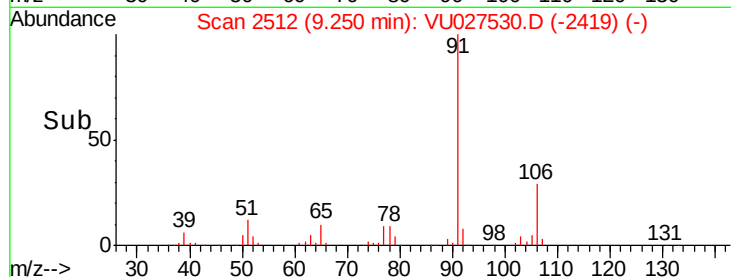
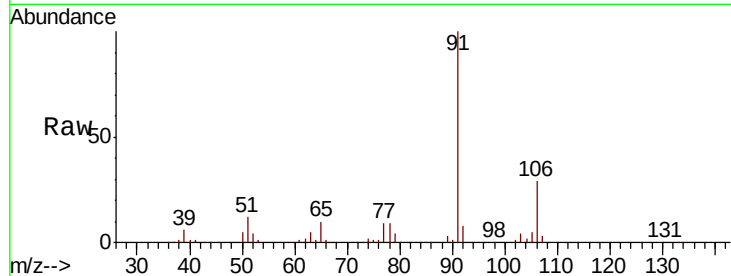
#67
Ethyl Benzene
Concen: 18.886 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. -0.00 min
Lab File: VU027530.D
Acq: 09 Oct 2018 18:48

Instrument :
MSVOA_U
ClientSampleId :
VU1010WBSD01

Tgt Ion: 91 Resp: 116432
Ion Ratio Lower Upper
91 100
106 28.5 23.6 35.4

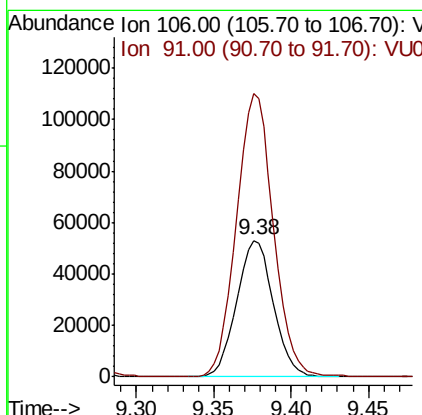
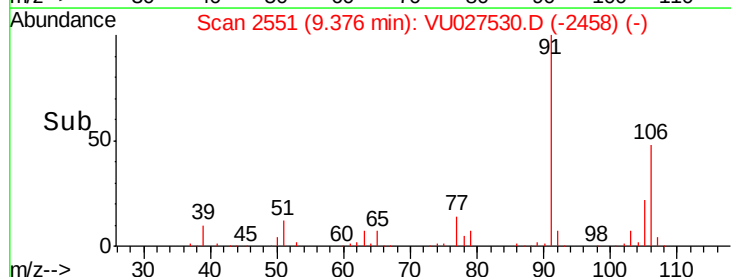
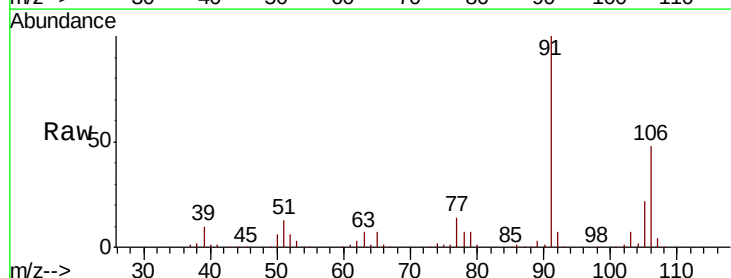
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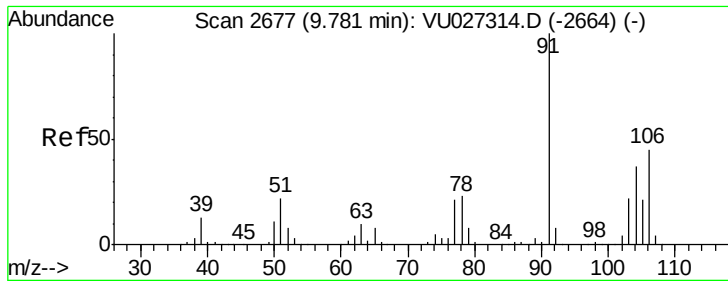
MMDadoda
10/11/2018 9:01:30 AM



#68
m/p-Xylenes
Concen: 38.835 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VU027530.D
Acq: 09 Oct 2018 18:48

Tgt Ion: 106 Resp: 87574
Ion Ratio Lower Upper
106 100
91 208.1 168.1 252.1





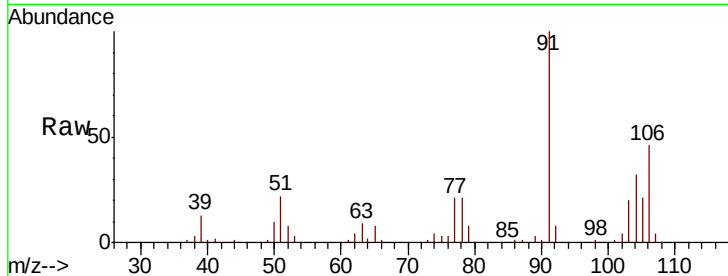
#69
o-Xylene
Concen: 19.898 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027530.D
Acq: 09 Oct 2018 18:48

Instrument :
MSVOA_U
ClientSampleId :
VU1010WBSD01

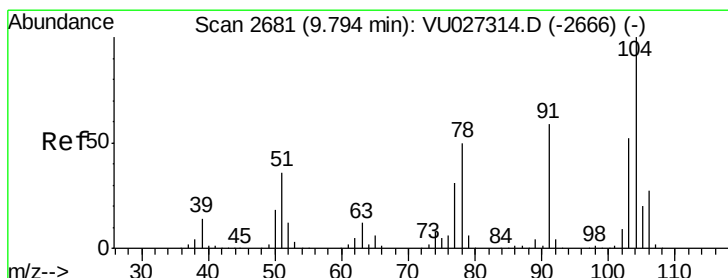
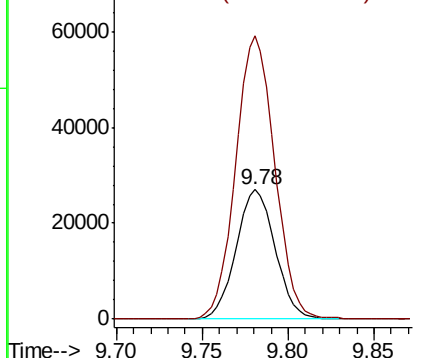
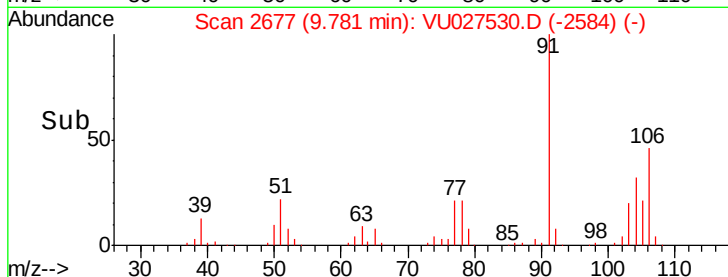
Tgt Ion:106 Resp: 42640
Ion Ratio Lower Upper
106 100
91 218.9 111.7 334.9

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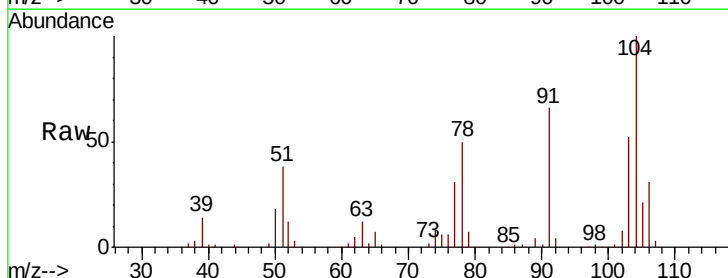


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

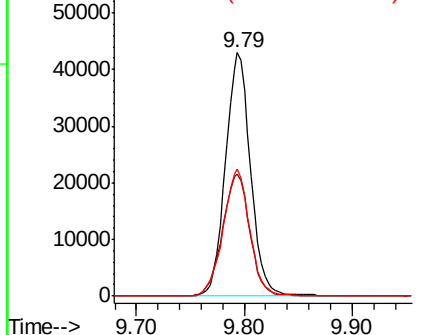
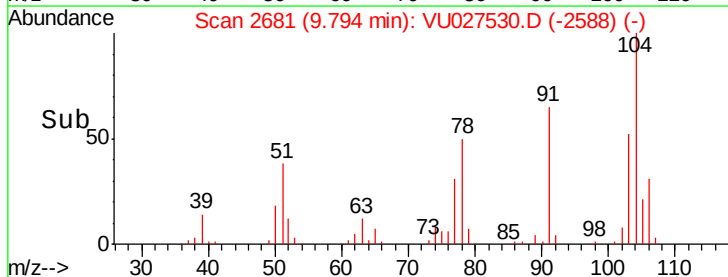


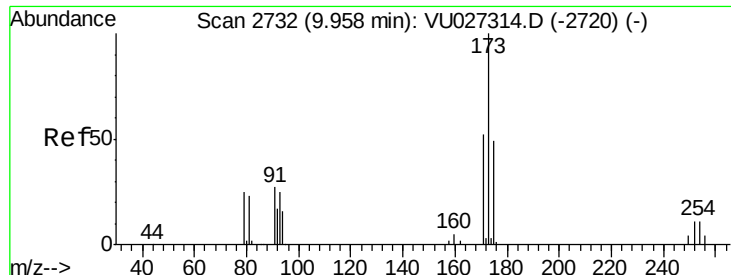
#70
Styrene
Concen: 18.826 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027530.D
Acq: 09 Oct 2018 18:48

Tgt Ion:104 Resp: 69395
Ion Ratio Lower Upper
104 100
78 54.4 42.9 64.3
103 55.1 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V





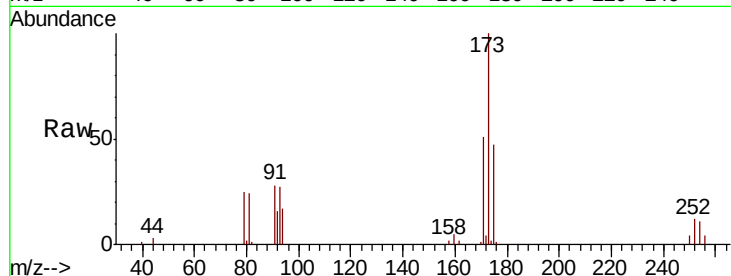
#71
Bromoform
Concen: 19.849 ug/l
RT: 9.96 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU027530.D
Acq: 09 Oct 2018 18:48

Instrument :
MSVOA_U
ClientSampleId :
VU1010WBSD01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.6	24.3	73.0
254	0.0	0.0	0.0

Manual Integrations
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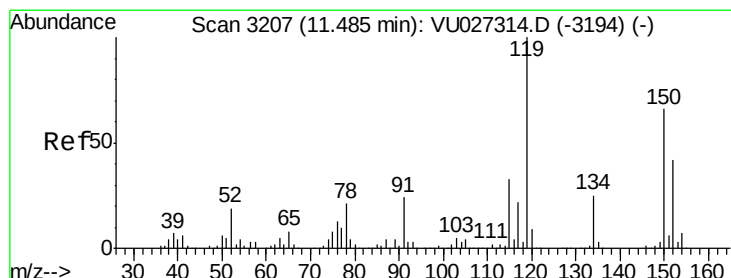
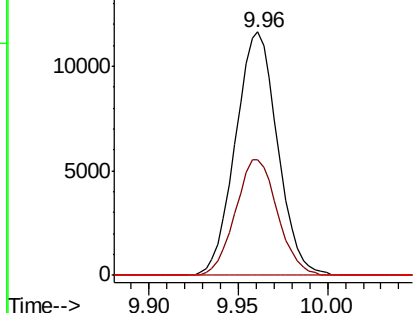
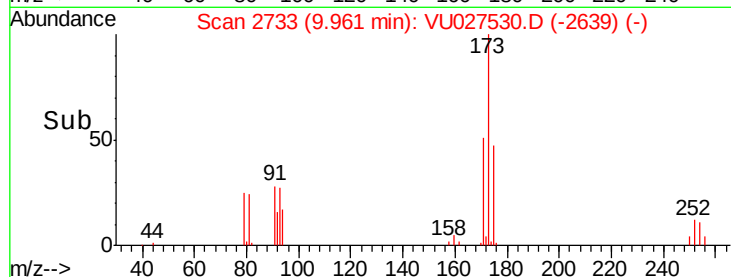


Abundance

Ion 172.70 (172.40 to 173.40): V

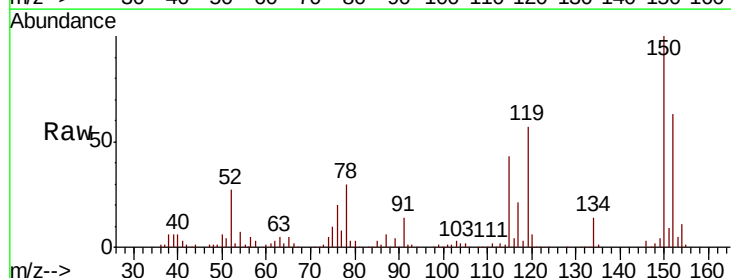
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027530.D
Acq: 09 Oct 2018 18:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	70.0	43.4	130.2
150	162.8	0.0	349.2

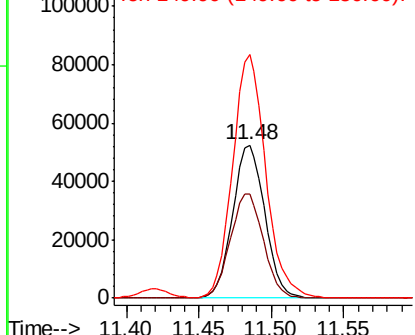
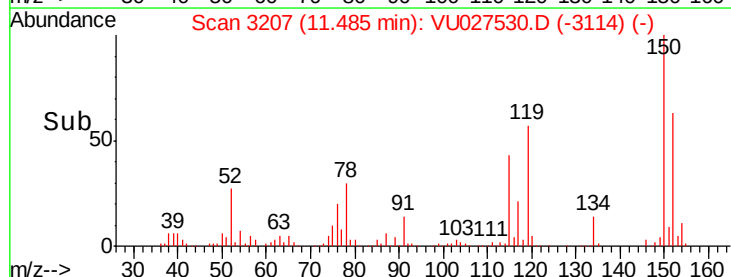


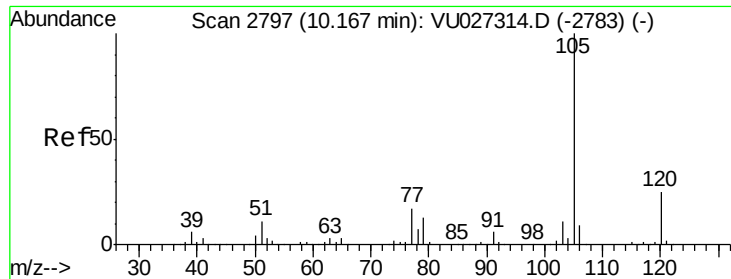
Abundance

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





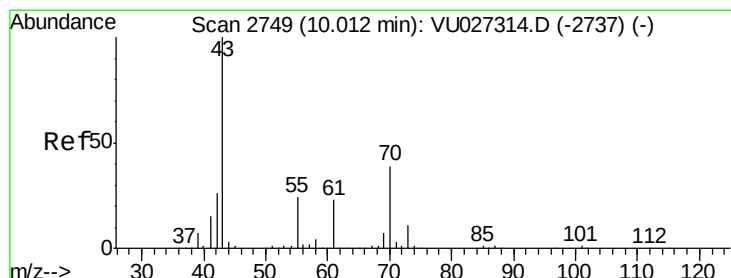
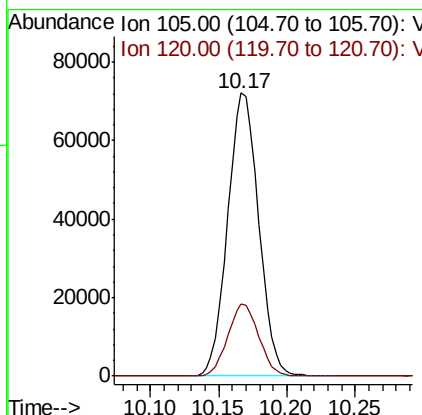
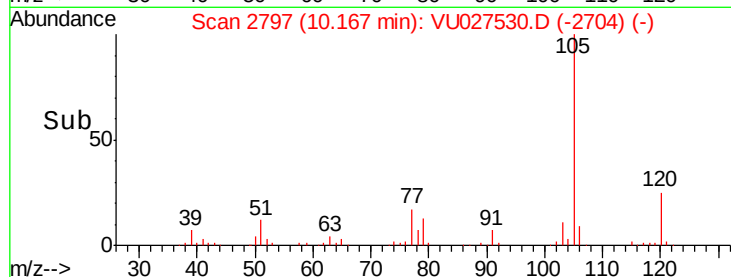
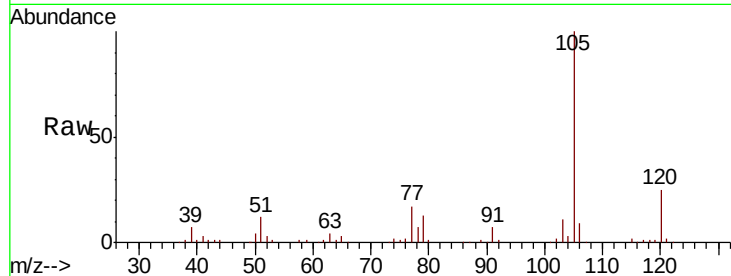
#73
Isopropylbenzene
Concen: 19.425 ug/l
RT: 10.17 min Scan# 2797
Delta R.T. -0.00 min
Lab File: VU027530.D
Acq: 09 Oct 2018 18:48

Instrument :
MSVOA_U
ClientSampleId :
VU1010WBSD01

Tgt Ion: 105 Resp: 114160
Ion Ratio Lower Upper
105 100
120 25.5 12.6 37.8

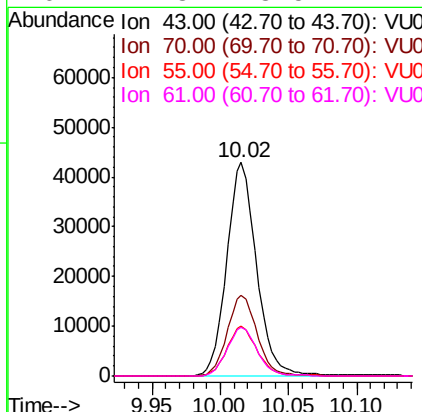
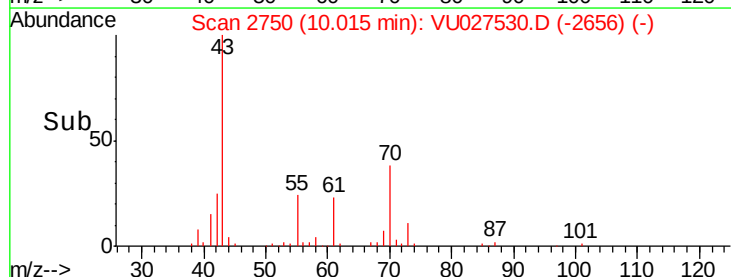
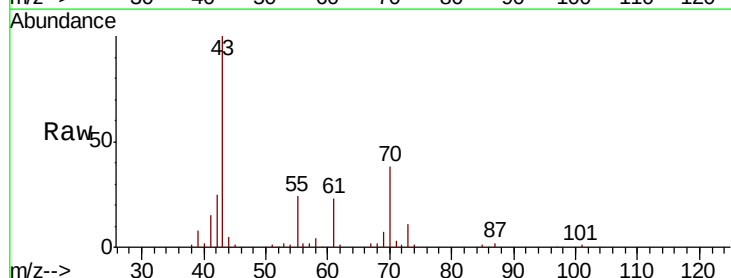
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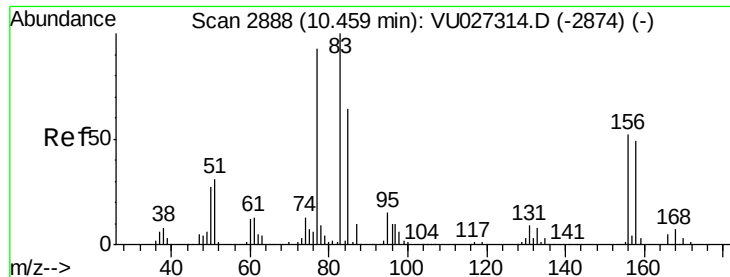
MMDadoda
10/11/2018 9:01:30 AM



#74
N-ethyl acetate
Concen: 19.379 ug/l
RT: 10.02 min Scan# 2750
Delta R.T. 0.00 min
Lab File: VU027530.D
Acq: 09 Oct 2018 18:48

Tgt Ion: 43 Resp: 65200
Ion Ratio Lower Upper
43 100
70 37.9 31.3 46.9
55 23.9 19.0 28.6
61 22.8 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.734 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. -0.00 min

Lab File: VU027530.D

Acq: 09 Oct 2018 18:48

Instrument :

MSVOA_U

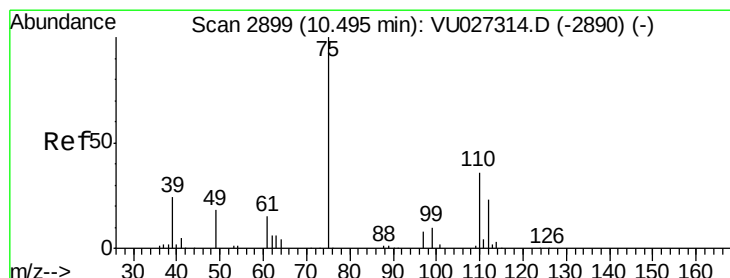
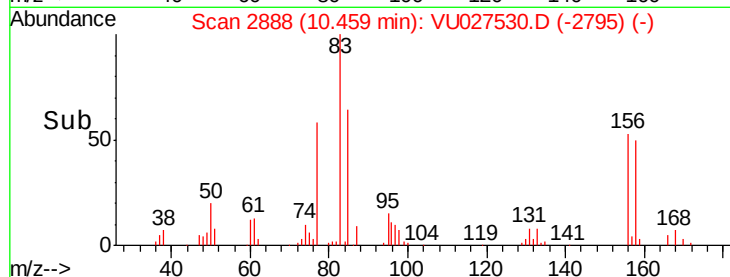
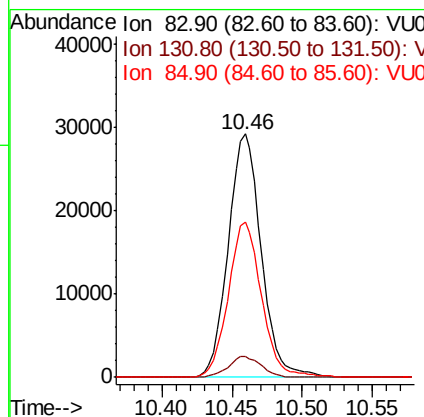
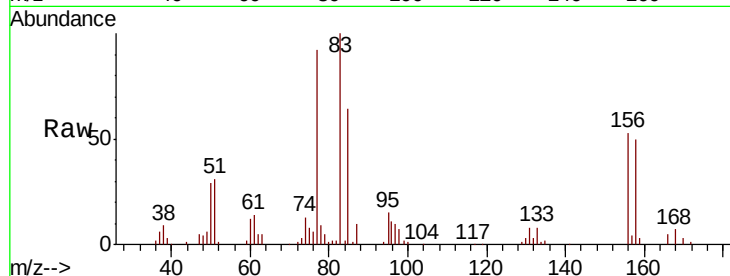
ClientSampleId :

VU1010WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
131	8.4	4.4	13.2
85	64.2	32.0	96.0

Manual Integrations
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10/11/2018 9:01:30 AM



#76

1,2,3-Trichloropropane

Concen: 20.522 ug/l m

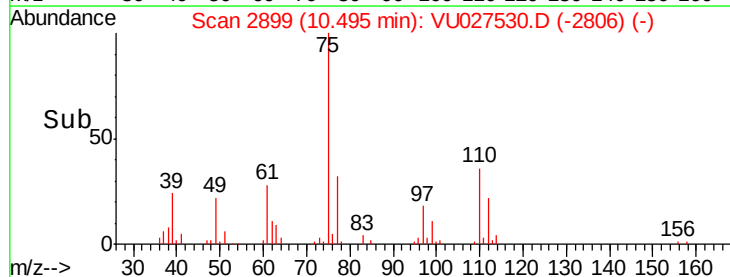
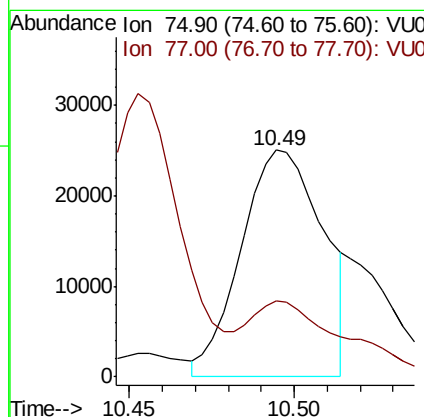
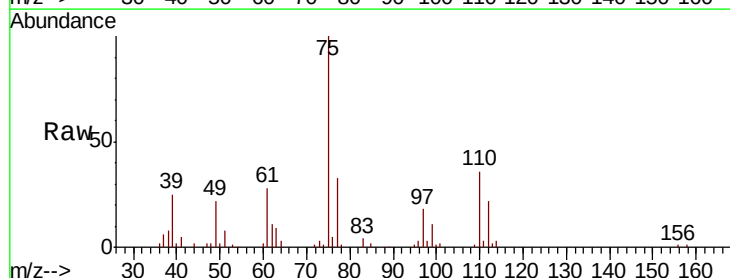
RT: 10.49 min Scan# 2899

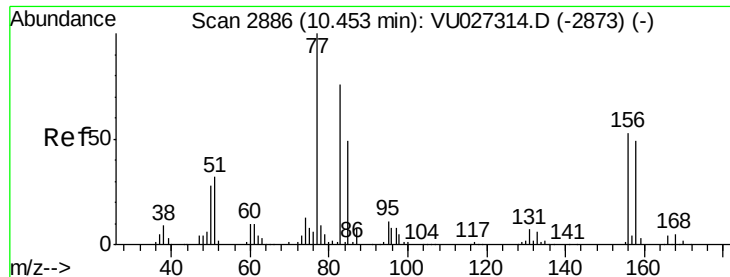
Delta R.T. -0.00 min

Lab File: VU027530.D

Acq: 09 Oct 2018 18:48

Tgt Ion	Ratio	Lower	Upper
75	100		
77	39.7	20.3	60.9





#77

Bromobenzene

Concen: 19.700 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. 0.00 min

Lab File: VU027530.D

Acq: 09 Oct 2018 18:48

Instrument :

MSVOA_U

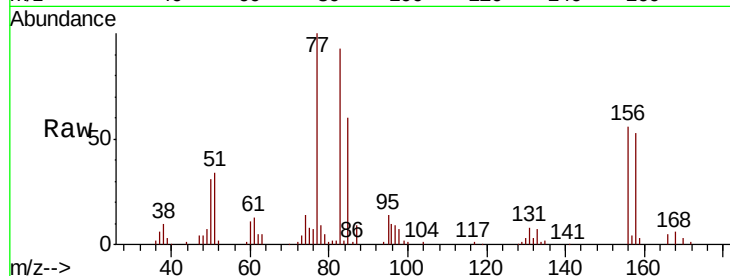
ClientSampleId :

VU1010WBSD01

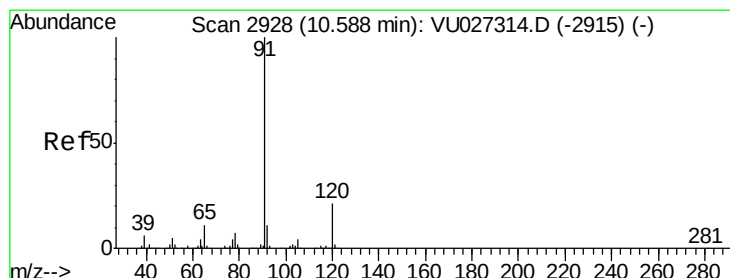
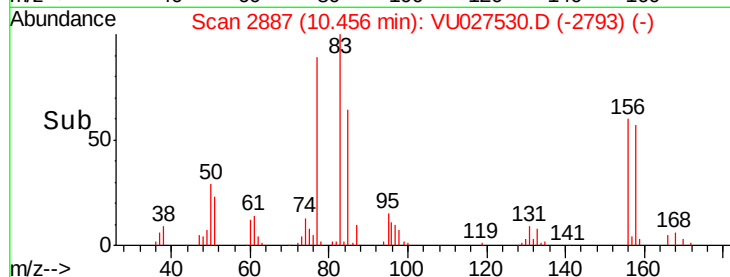
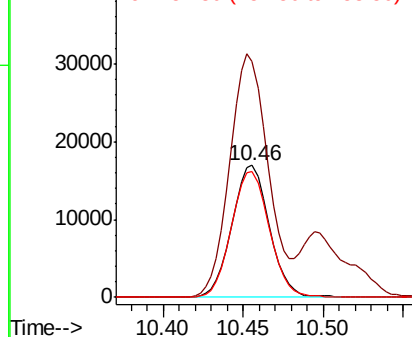
Tgt Ion:	156	Resp:	26907
Ion Ratio	Lower	Upper	
156	100		
77	192.4	94.8	284.4
158	97.3	47.4	142.3

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VU0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.062 ug/l

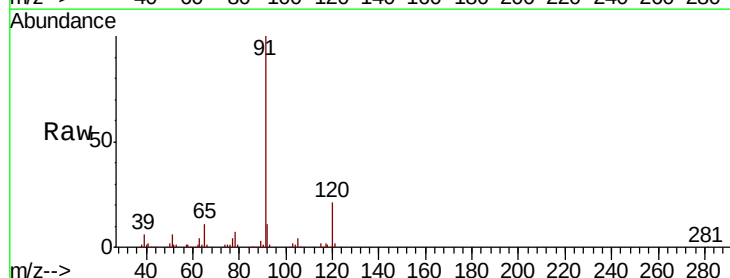
RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

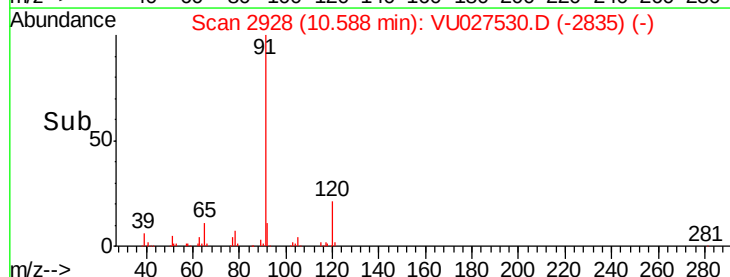
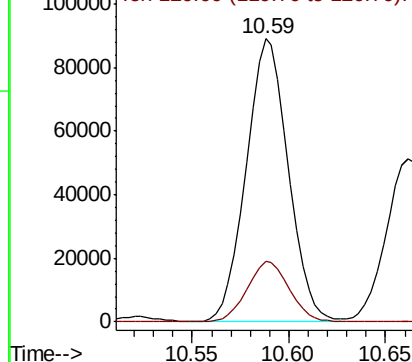
Lab File: VU027530.D

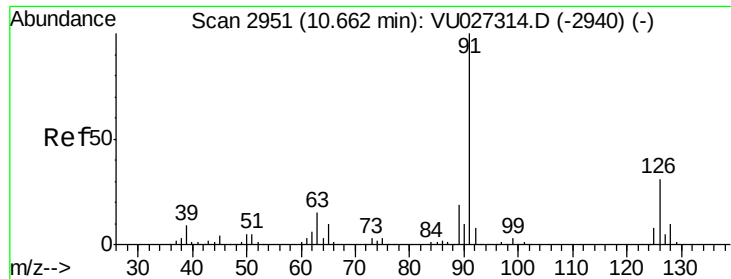
Acq: 09 Oct 2018 18:48

Tgt Ion:	91	Resp:	134611
Ion Ratio	Lower	Upper	
91	100		
120	21.3	10.6	31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.595 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. -0.00 min

Lab File: VU027530.D

Acq: 09 Oct 2018 18:48

Instrument :

MSVOA_U

ClientSampleId :

VU1010WBSD01

Tgt Ion: 91 Resp: 83551

Ion Ratio Lower Upper

91 100

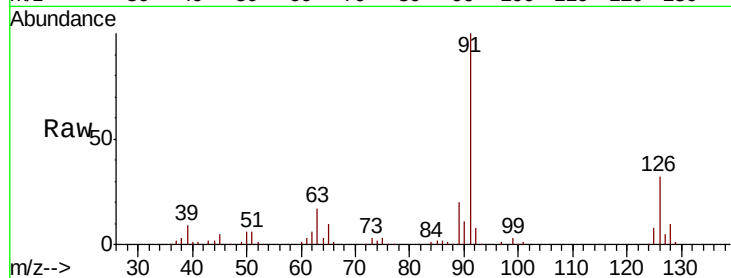
126 31.0 15.7 47.1

Manual Integrations

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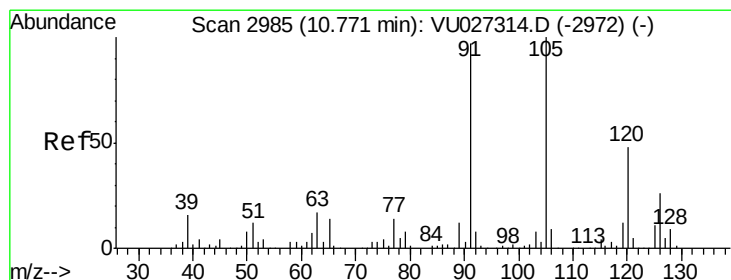
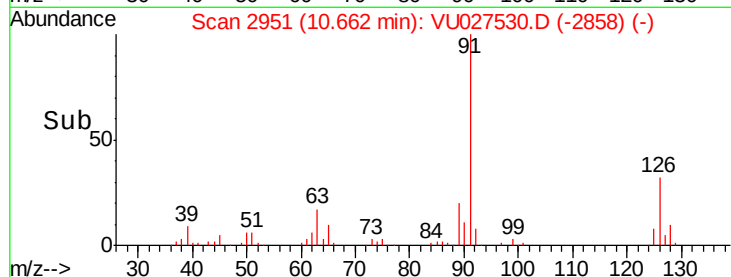
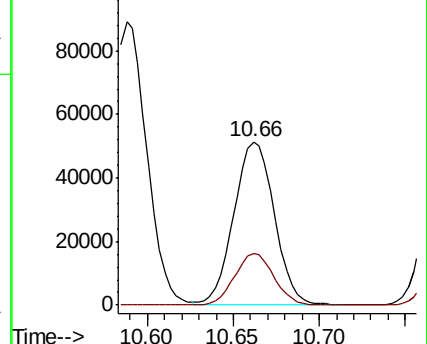
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VU027314.D (-2940) (-)

Ion 125.90 (125.60 to 126.60): VU027314.D (-2940) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.868 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027530.D

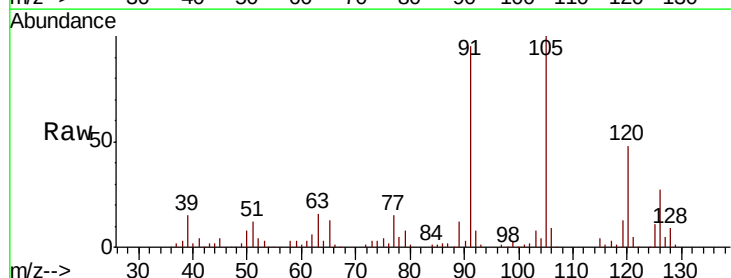
Acq: 09 Oct 2018 18:48

Tgt Ion: 105 Resp: 95062

Ion Ratio Lower Upper

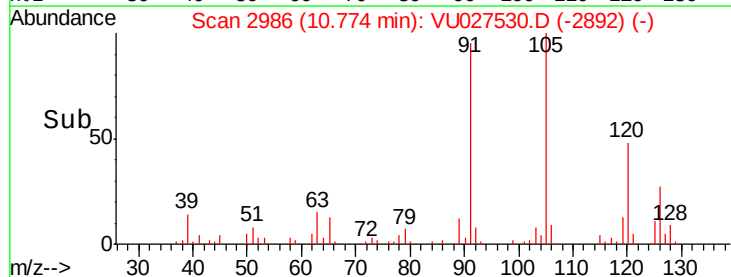
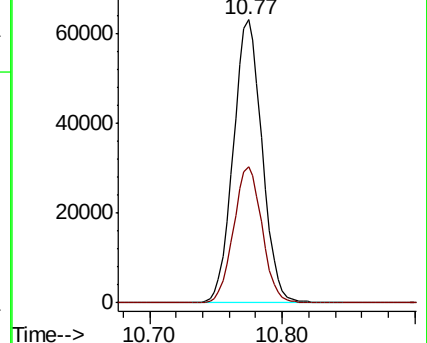
105 100

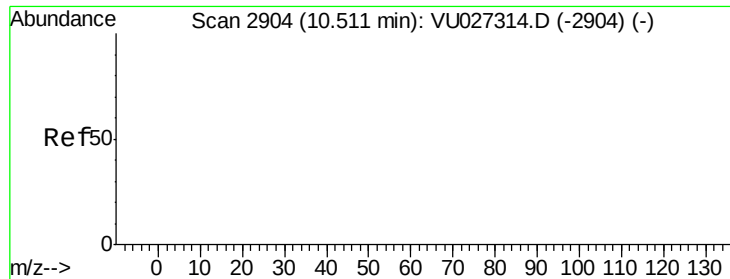
120 47.7 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VU027314.D (-2972) (-)

Ion 120.00 (119.70 to 120.70): VU027314.D (-2972) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.778 ug/l

RT: 10.51 min Scan# 2905

Delta R.T. 0.00 min

Lab File: VU027530.D

Acq: 09 Oct 2018 18:48

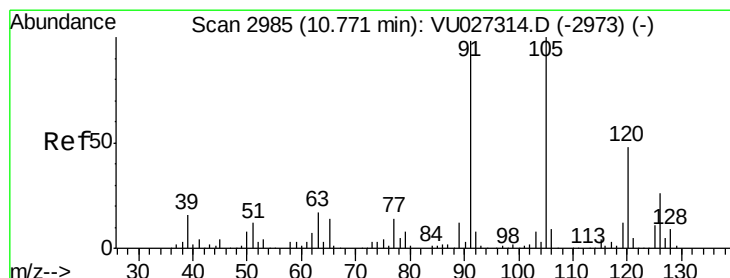
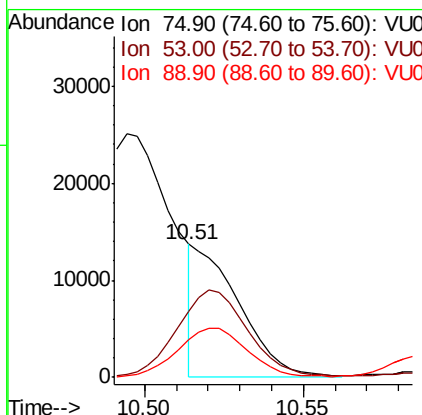
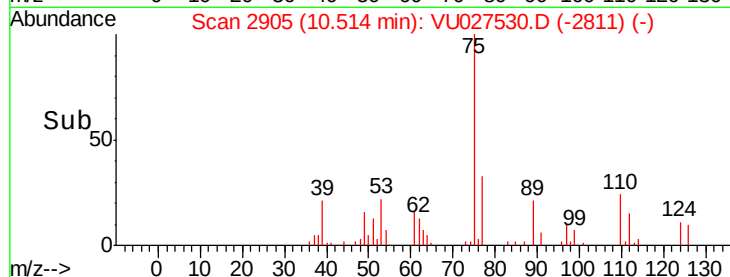
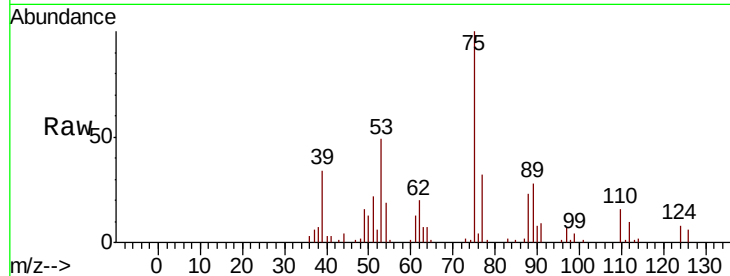
Instrument :
MSVOA_U

ClientSampleId :
VU1010WBSD01

Tgt 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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#82

4-Chlorotoluene

Concen: 19.353 ug/l

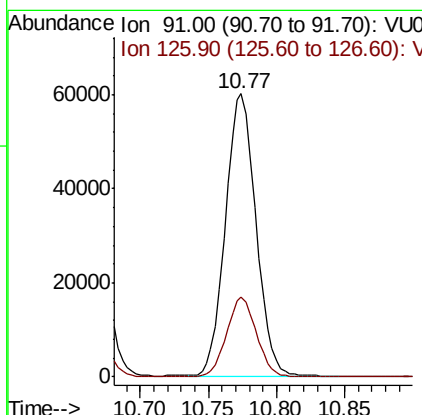
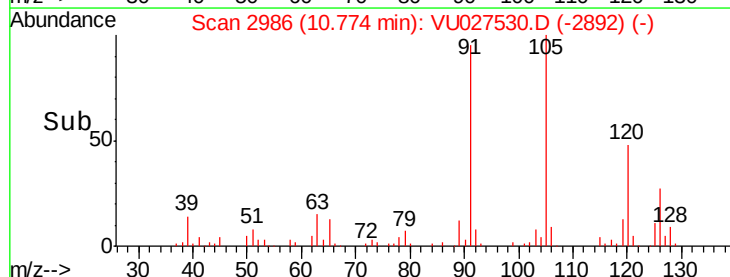
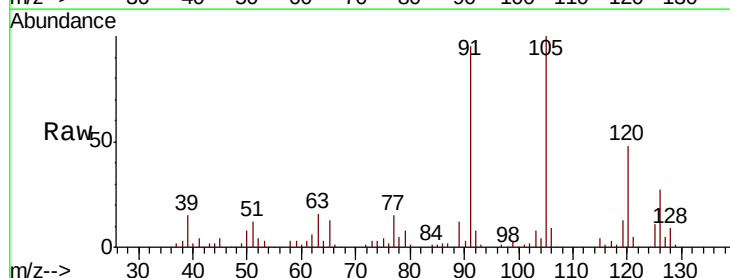
RT: 10.77 min Scan# 2986

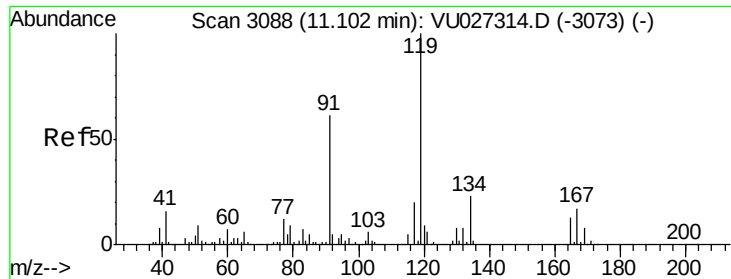
Delta R.T. 0.00 min

Lab File: VU027530.D

Acq: 09 Oct 2018 18:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.5	13.6	40.8





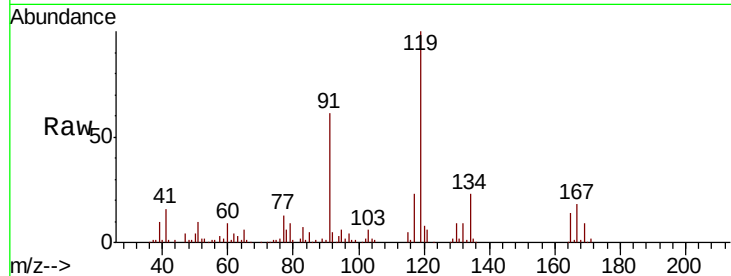
#83
 tert-Butylbenzene
 Concen: 19.475 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. -0.00 min
 Lab File: VU027530.D
 Acq: 09 Oct 2018 18:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1010WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	90082		
91	60.9	30.3	91.0	
134	23.2	11.5	34.4	

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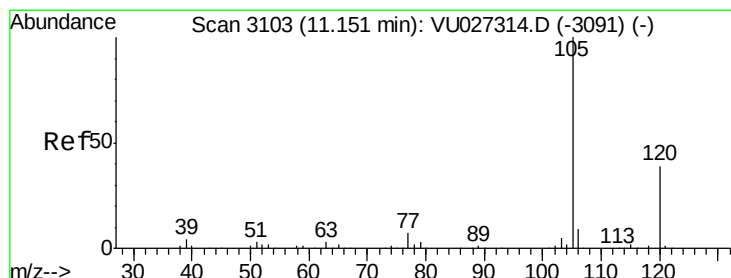
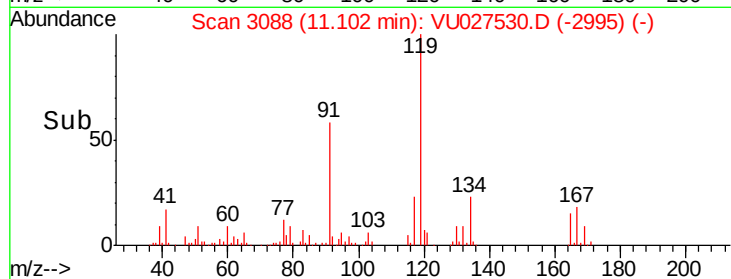
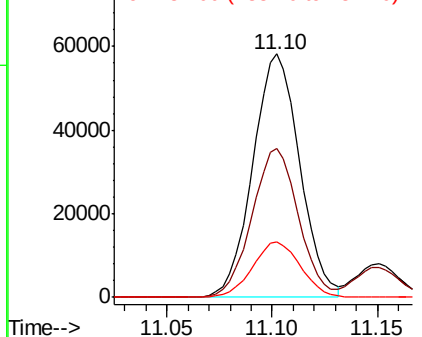


Abundance

Ion 119.00 (118.70 to 119.70): V

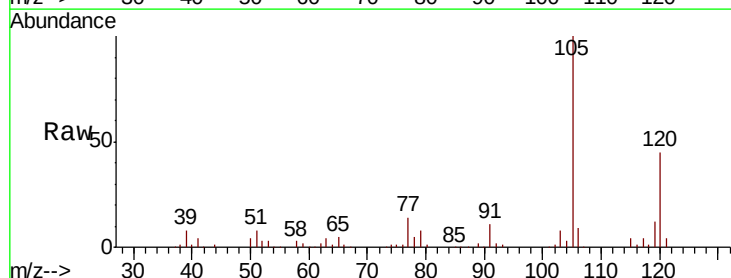
Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84
 1,2,4-Trimethylbenzene
 Concen: 19.828 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. -0.00 min
 Lab File: VU027530.D
 Acq: 09 Oct 2018 18:48

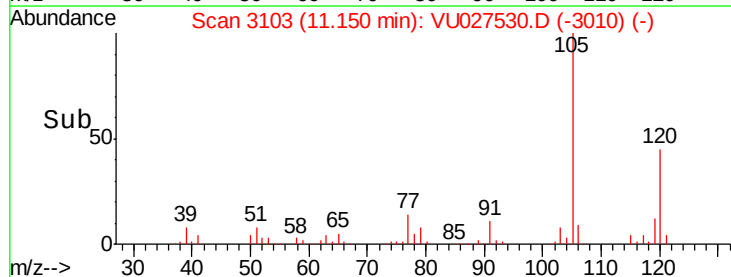
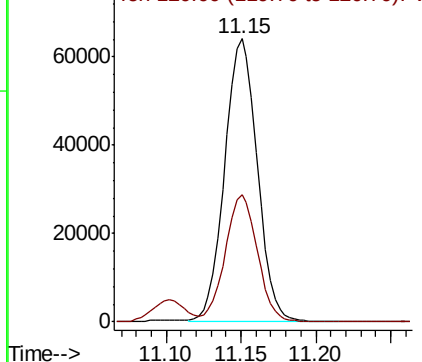
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	96910		
120	44.7	22.1	66.5	

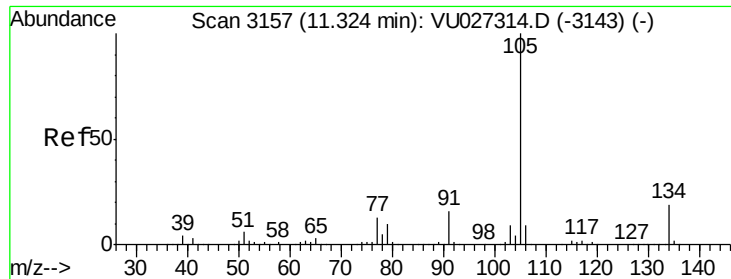


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.242 ug/l

RT: 11.32 min Scan# 3157

Delta R.T. -0.00 min

Lab File: VU027530.D

Acq: 09 Oct 2018 18:48

Instrument :

MSVOA_U

ClientSampleId :

VU1010WBSD01

Tgt Ion:105 Resp: 112143

Ion Ratio Lower Upper

105 100

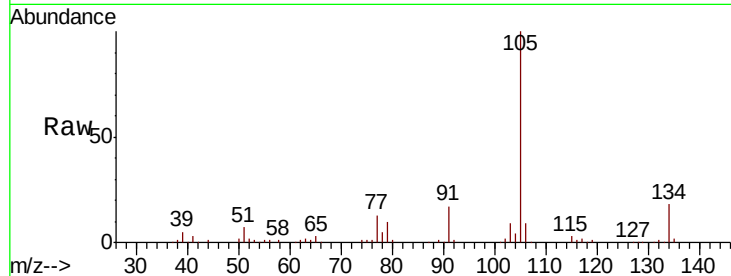
134 18.6 9.6 28.6

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.32

80000

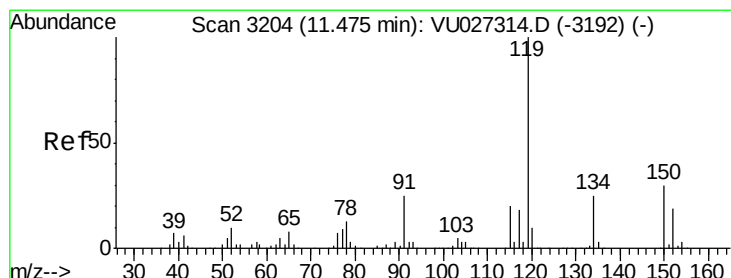
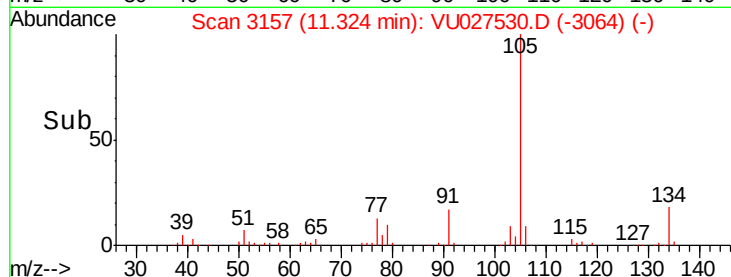
60000

40000

20000

0

Time--> 11.25 11.30 11.35 11.40



#86

p-Isopropyltoluene

Concen: 19.420 ug/l

RT: 11.48 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VU027530.D

Acq: 09 Oct 2018 18:48

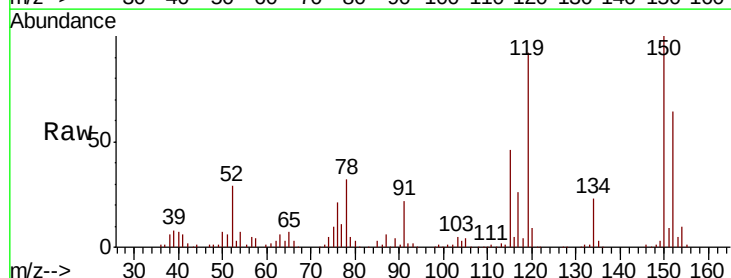
Tgt Ion:119 Resp: 96906

Ion Ratio Lower Upper

119 100

134 24.8 12.7 38.1

91 24.8 12.2 36.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

11.48

80000

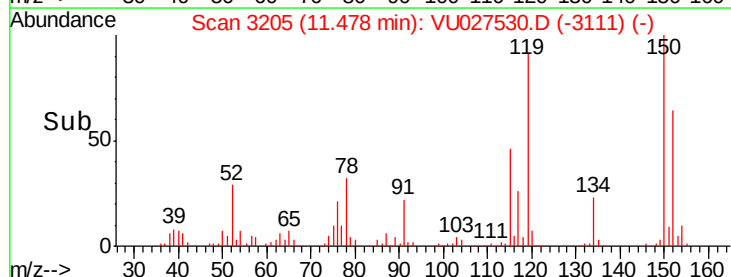
60000

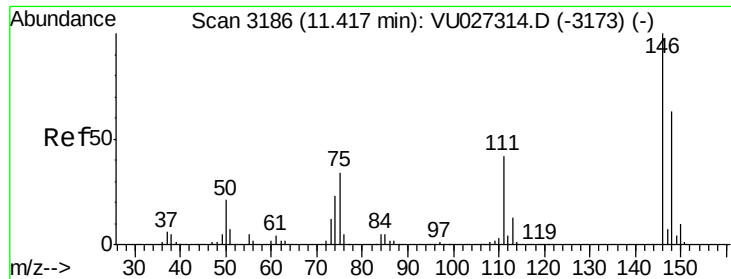
40000

20000

0

Time--> 11.40 11.45 11.50 11.55





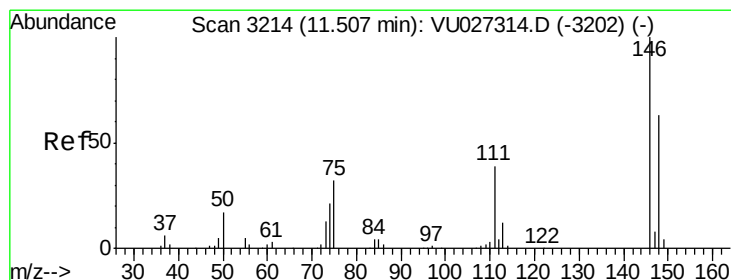
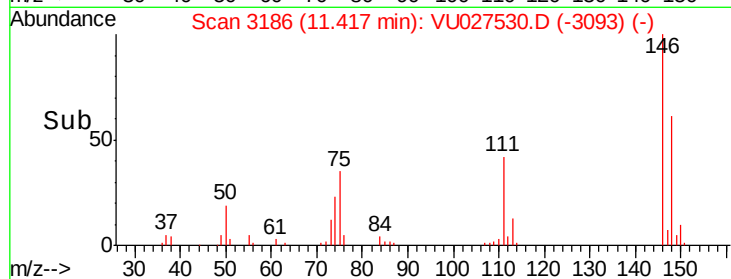
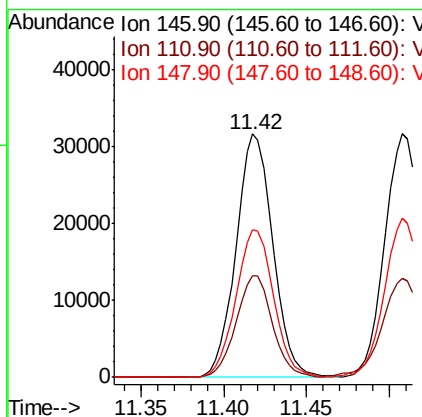
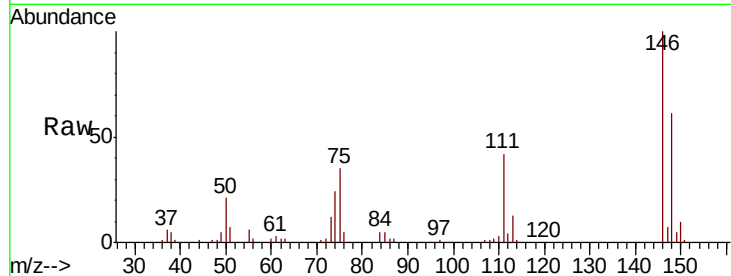
#87
 1,3-Dichlorobenzene
 Concen: 18.883 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. -0.00 min
 Lab File: VU027530.D
 Acq: 09 Oct 2018 18:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1010WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.8	62.5
148	61.8	31.6	94.8

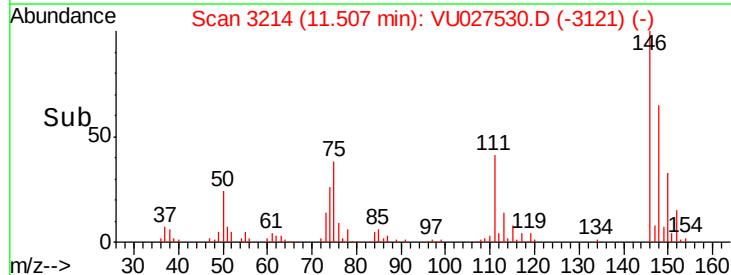
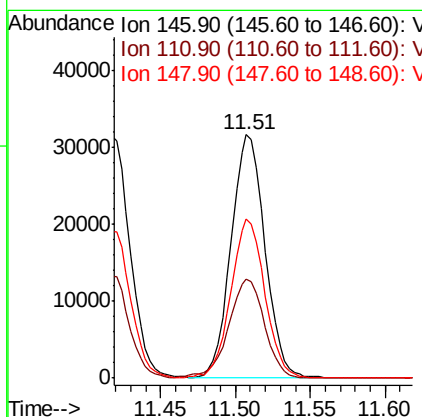
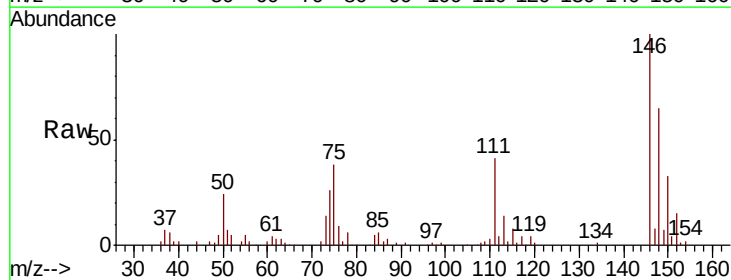
Manual Integrations
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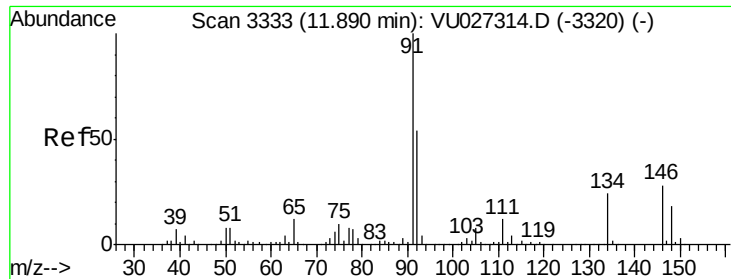
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#88
 1,4-Dichlorobenzene
 Concen: 18.873 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: VU027530.D
 Acq: 09 Oct 2018 18:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.0	20.4	61.2
148	65.3	31.9	95.5





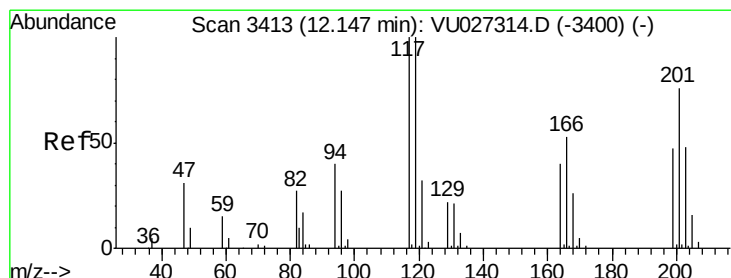
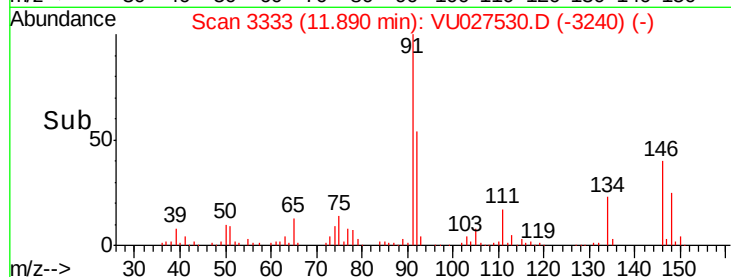
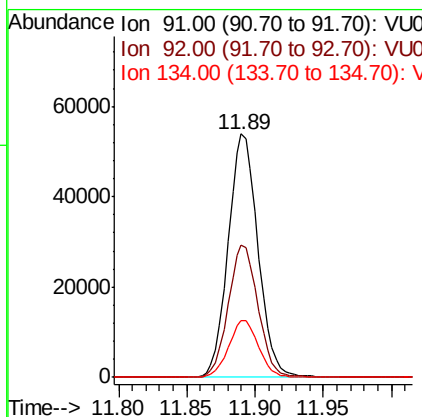
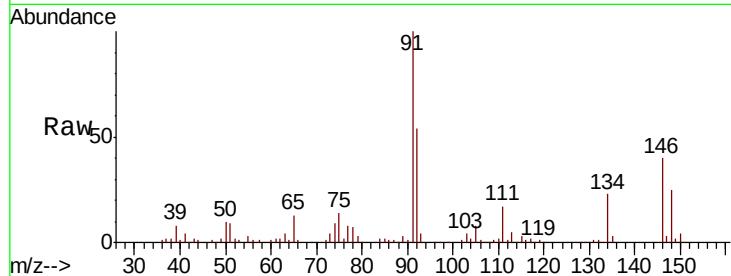
#89
n-Butylbenzene
Concen: 16.786 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. -0.00 min
Lab File: VU027530.D
Acq: 09 Oct 2018 18:48

Instrument :
MSVOA_U
ClientSampleId :
VU1010WBSD01

Tgt Ion: 91 Resp: 81749
Ion Ratio Lower Upper
91 100
92 54.1 27.0 81.0
134 23.3 11.7 35.1

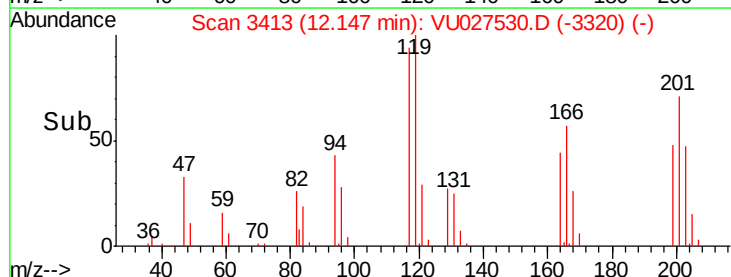
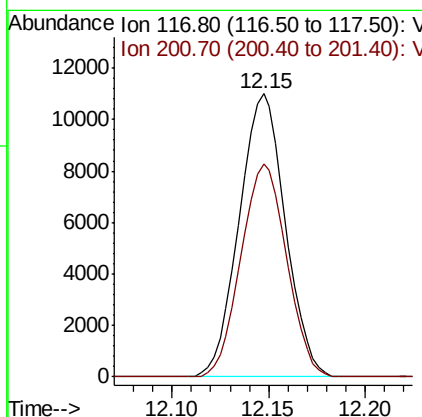
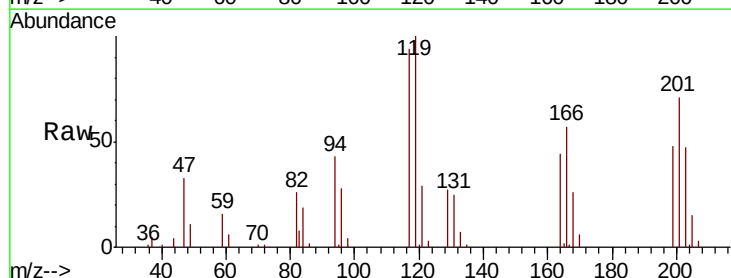
Manual Integrations
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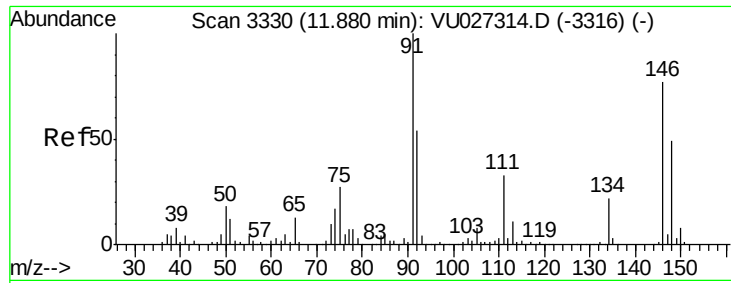
MMDadoda
10/11/2018 9:01:30 AM



#90
Hexachloroethane
Concen: 19.393 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VU027530.D
Acq: 09 Oct 2018 18:48

Tgt Ion: 117 Resp: 18241
Ion Ratio Lower Upper
117 100
201 74.3 37.9 113.6





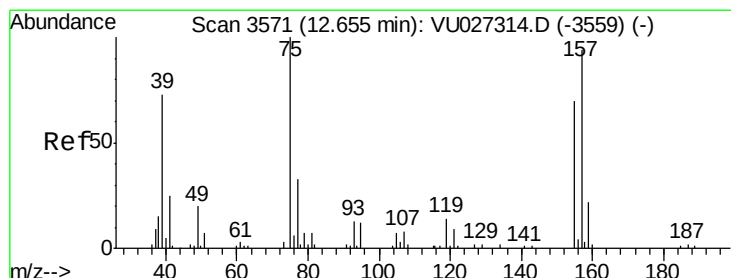
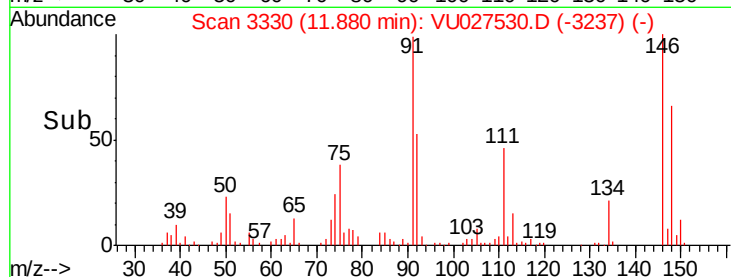
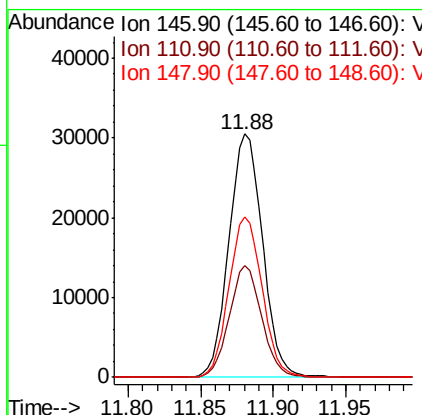
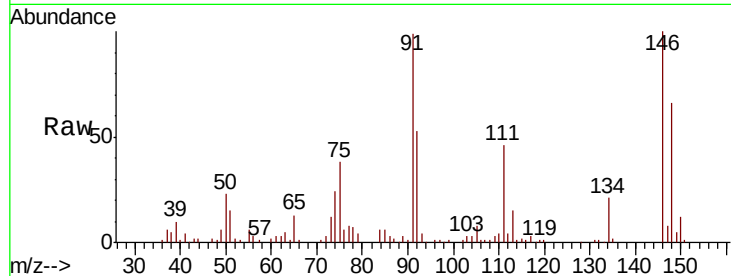
#91
 1,2-Dichlorobenzene
 Concen: 19.561 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. -0.00 min
 Lab File: VU027530.D
 Acq: 09 Oct 2018 18:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1010WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.8	65.4
148	64.8	31.9	95.5

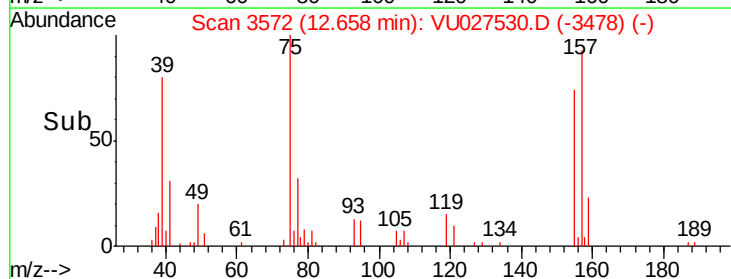
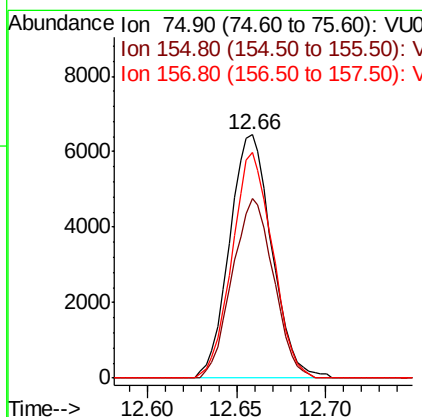
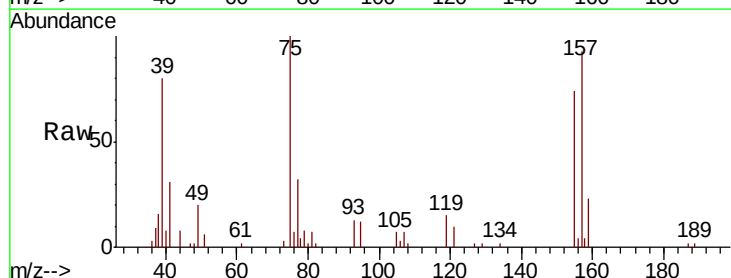
Manual Integrations
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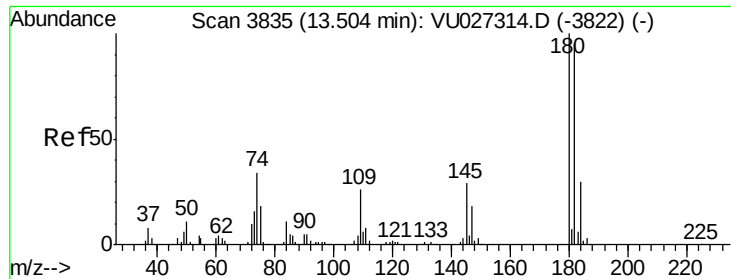
MMDadoda
 10/11/2018 9:01:30 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.771 ug/l
 RT: 12.66 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VU027530.D
 Acq: 09 Oct 2018 18:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.1	35.9	107.8
157	88.8	46.9	140.6





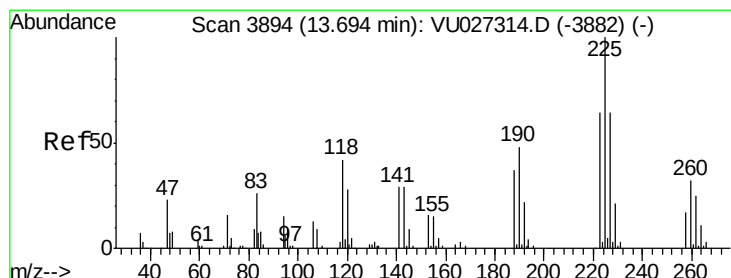
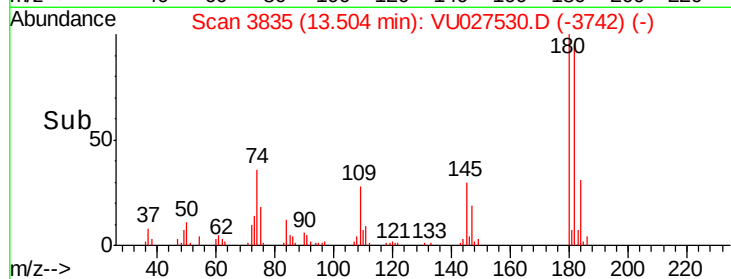
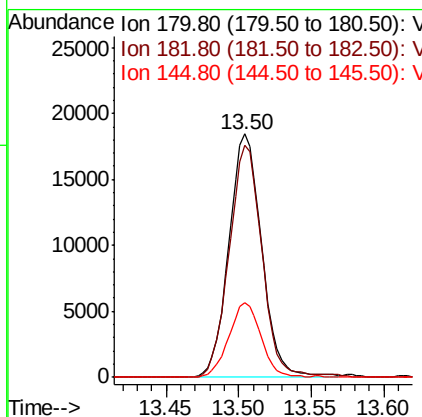
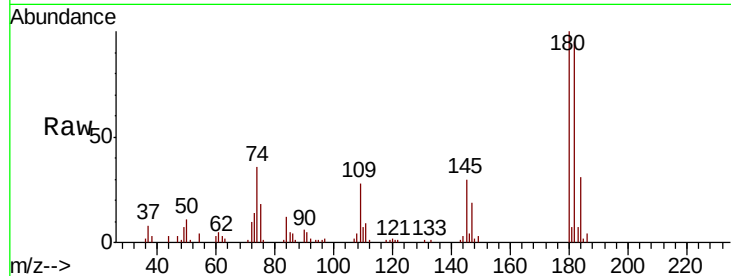
#93
 1,2,4-Trichlorobenzene
 Concen: 17.784 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. -0.00 min
 Lab File: VU027530.D
 Acq: 09 Oct 2018 18:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1010WBSD01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.4	142.3
145	30.0	14.6	44.0

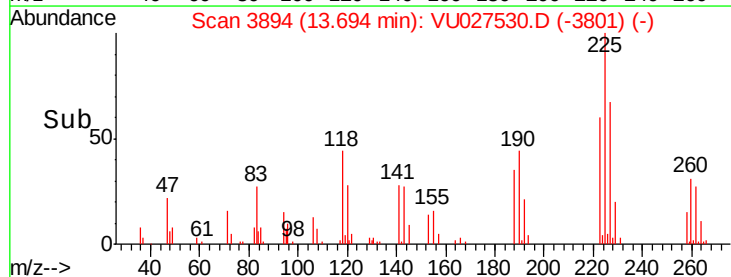
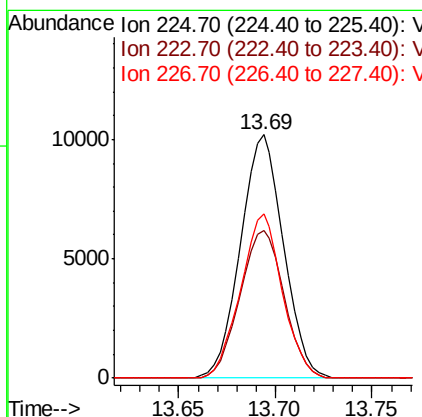
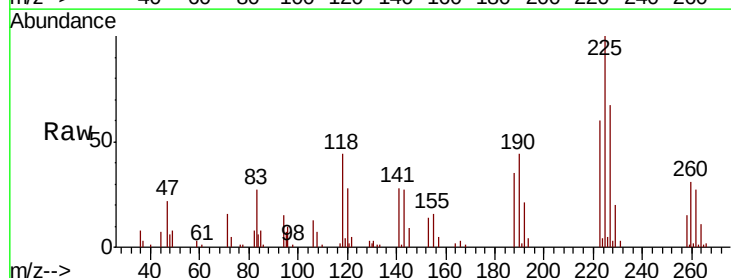
Manual Integrations
 APPROVED

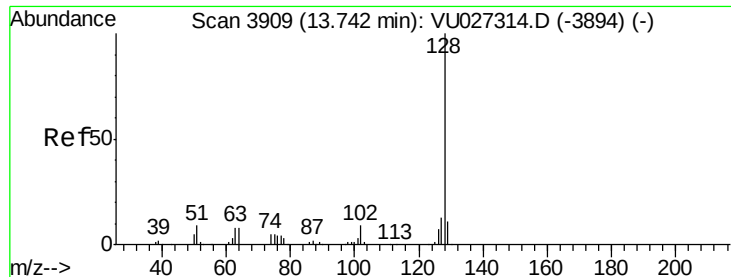
MMDadoda
 10/11/2018 9:01:30 AM



#94
 Hexachlorobutadiene
 Concen: 19.150 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. -0.00 min
 Lab File: VU027530.D
 Acq: 09 Oct 2018 18:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.8	95.3
227	65.5	31.9	95.7





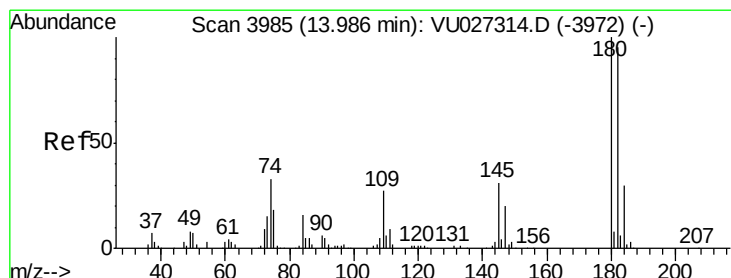
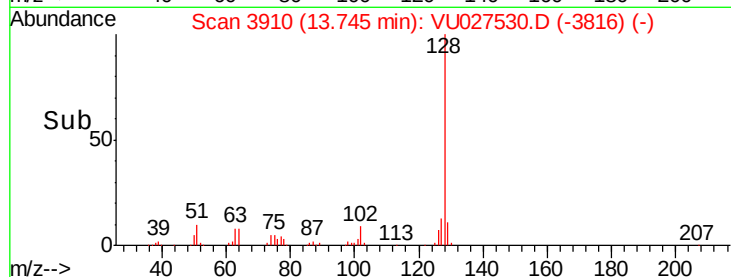
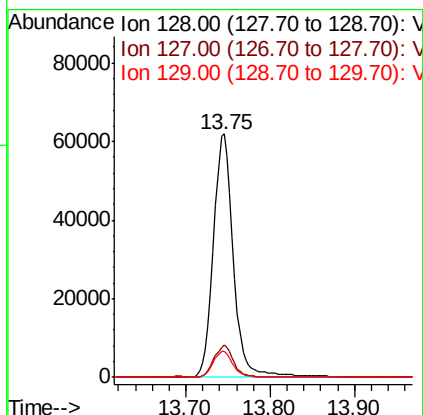
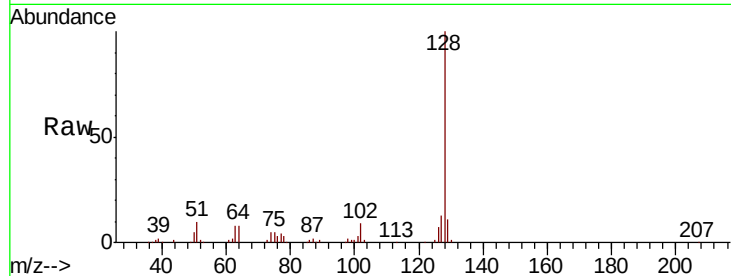
#95
Naphthalene
Concen: 17.846 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU027530.D
Acq: 09 Oct 2018 18:48

Instrument :
MSVOA_U
ClientSampleId :
VU1010WBSD01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	10.7	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/11/2018 9:01:30 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.979 ug/l
RT: 13.99 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VU027530.D
Acq: 09 Oct 2018 18:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.4	142.2
145	31.4	15.9	47.7

