

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100118\
 Data File : VU027322.D
 Acq On : 01 Oct 2018 16:47
 Operator : MD/SY
 Sample : VU1001WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1001WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/3/2018 11:41:44 AM

Quant Time: Oct 02 07:53:07 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	117291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	198059	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	185860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	89341	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	90549	46.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.46%	
35) Dibromofluoromethane	4.88	113	64283	47.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.72%	
50) Toluene-d8	7.57	98	250432	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
62) 4-Bromofluorobenzene	10.31	95	86809	45.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	35750	21.141	ug/l	97
3) Chloromethane	1.33	50	45354	19.811	ug/l	99
4) Vinyl Chloride	1.40	62	43568	20.245	ug/l	99
5) Bromomethane	1.62	94	20304	21.804	ug/l	98
6) Chloroethane	1.70	64	24384	18.856	ug/l	98
7) Trichlorofluoromethane	1.88	101	44302	20.289	ug/l	99
8) Diethyl Ether	2.11	74	19924	19.808	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.29	101	25774	20.325	ug/l	98
10) Methyl Iodide	2.41	142	11064	16.638	ug/l	98
11) Tert butyl alcohol	2.83	59	42841	103.872	ug/l	99
12) 1,1-Dichloroethene	2.28	96	24191	19.526	ug/l	94
13) Acrolein	2.20	56	30362	87.731	ug/l	99
14) Allyl chloride	2.59	41	56028	19.044	ug/l	97
15) Acrylonitrile	2.94	53	109463	101.971	ug/l	99
16) Acetone	2.32	43	105678	91.335	ug/l	100
17) Carbon Disulfide	2.48	76	83992	18.797	ug/l	98
18) Methyl Acetate	2.62	43	52293	19.812	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	99724	20.088	ug/l	98
20) Methylene Chloride	2.70	84	30873	19.156	ug/l	96
21) trans-1,2-Dichloroethene	2.98	96	27524	19.788	ug/l	99
22) Diisopropyl ether	3.58	45	124425	20.808	ug/l	98
23) Vinyl Acetate	3.53	43	530622	101.609	ug/l	100
24) 1,1-Dichloroethane	3.45	63	62262	20.254	ug/l	99
25) 2-Butanone	4.27	43	160455	101.695	ug/l	99
26) 2,2-Dichloropropane	4.23	77	48310	19.125	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	31026	19.505	ug/l	98
28) Bromochloromethane	4.55	49	28588	19.276	ug/l	100
29) Tetrahydrofuran	4.64	42	103153	103.739	ug/l	99
30) Chloroform	4.68	83	55032	20.149	ug/l	100
31) Cyclohexane	5.00	56	61272	19.360	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	46268	20.114	ug/l	99
36) 1,1-Dichloropropene	5.14	75	42448	19.739	ug/l	99
37) Ethyl Acetate	4.39	43	55784	20.071	ug/l	99
38) Carbon Tetrachloride	5.14	117	39015	20.084	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	49509	19.695	ug/l	96
40) Benzene	5.39	78	126027	20.119	ug/l	99
41) Methacrylonitrile	4.55	41	31676	20.164	ug/l	96
42) 1,2-Dichloroethane	5.41	62	47969	20.630	ug/l	100
43) Isopropyl Acetate	5.55	43	88053	20.399	ug/l	100
44) Trichloroethene	6.19	130	28046	20.079	ug/l	98
45) 1,2-Dichloropropane	6.43	63	37021	20.490	ug/l	99
46) Dibromomethane	6.56	93	21511	21.080	ug/l	98
47) Bromodichloromethane	6.76	83	42926	20.273	ug/l	99
48) Methyl methacrylate	6.62	41	43664	20.342	ug/l	98
49) 1,4-Dioxane	6.62	88	16821	455.447	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	292828	104.398	ug/l	100
52) Toluene	7.64	92	76183	20.547	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	48781	19.649	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	53627	20.094	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	30389	20.672	ug/l	97
56) Ethyl methacrylate	8.02	69	50051	19.243	ug/l	99
57) 1,3-Dichloropropane	8.24	76	57638	20.197	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	144915	98.883	ug/l	100
59) 2-Hexanone	8.36	43	227044	104.348	ug/l	98
60) Dibromochloromethane	8.48	129	29512	20.017	ug/l	100
61) 1,2-Dibromoethane	8.59	107	31642	20.245	ug/l	99
64) Tetrachloroethene	8.23	164	23569	20.371	ug/l	97
65) Chlorobenzene	9.12	112	77464	19.801	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	26811	19.852	ug/l	98
67) Ethyl Benzene	9.25	91	137404	19.824	ug/l	99
68) m/p-Xylenes	9.38	106	102763	40.532	ug/l	100
69) o-Xylene	9.78	106	50219	20.843	ug/l	98
70) Styrene	9.79	104	80149	19.277	ug/l	98
71) Bromoform	9.96	173	21220	19.529	ug/l #	99
73) Isopropylbenzene	10.17	105	133281	20.540	ug/l	99
74) N-amyl acetate	10.02	43	75486	20.321	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	53336	20.934	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	48361m	20.882	ug/l	
77) Bromobenzene	10.45	156	30066	19.938	ug/l	97
78) n-propylbenzene	10.59	91	158800	20.367	ug/l	99
79) 2-Chlorotoluene	10.66	91	96907	20.585	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	110005	20.823	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	13108m	14.813	ug/l	
82) 4-Chlorotoluene	10.77	91	109931	20.577	ug/l	100
83) tert-Butylbenzene	11.10	119	106022	20.760	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	113850	21.098	ug/l	100
85) sec-Butylbenzene	11.32	105	134200	20.855	ug/l	99
86) p-Isopropyltoluene	11.48	119	113972	20.687	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	57612	20.176	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	57791	19.805	ug/l	98
89) n-Butylbenzene	11.89	91	102985	18.877	ug/l	98
90) Hexachloroethane	12.14	117	20768	19.998	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	56469	20.316	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	11629	20.594	ug/l	100

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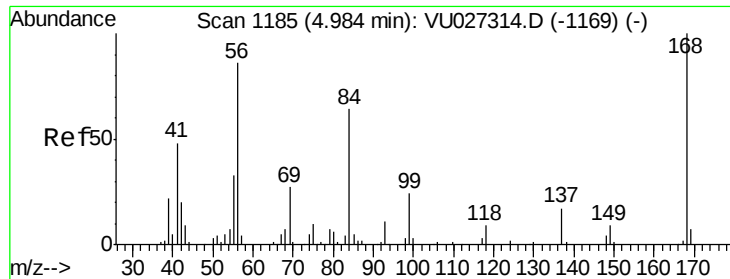
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	37884	21.064	ug/l	100
94) Hexachlorobutadiene	13.69	225	19727	21.710	ug/l	99
95) Naphthalene	13.74	128	135570	21.065	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	36678	19.575	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

Instrument :

MSVOA_U

ClientSampleId :

VU1001WBS01

Tot Ion:168 Resp: 117291

Ion Ratio Lower Upper

168 100

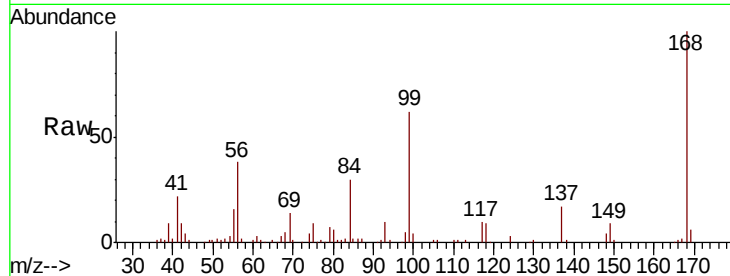
99 60.9 50.8 76.2

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Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)

4.99

60000

50000

40000

30000

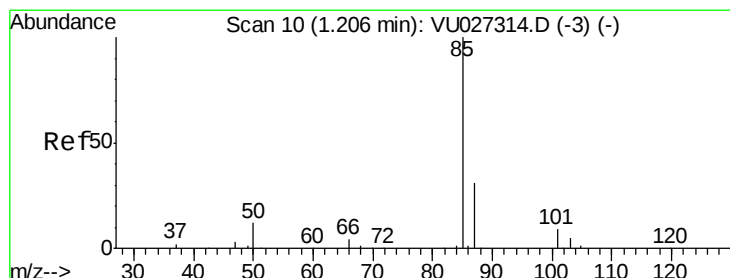
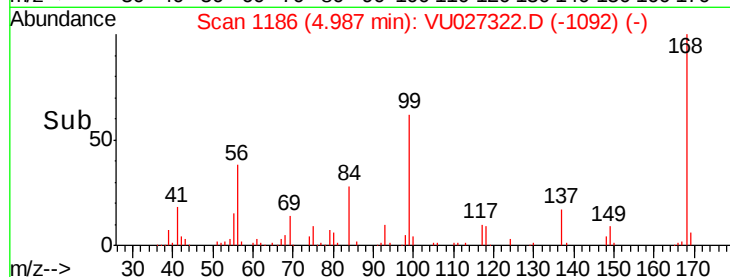
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10000

0

4.90 4.95 5.00 5.05

Time-->



#2

Dichlorodifluoromethane

Concen: 21.141 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027322.D

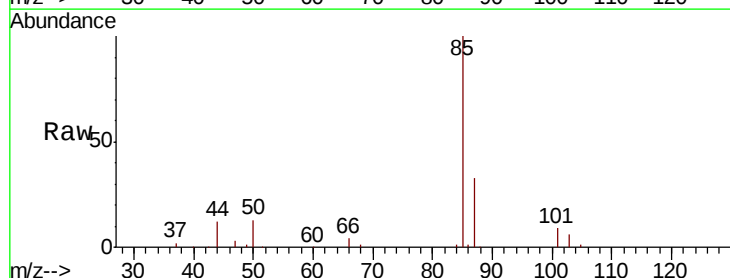
Acq: 01 Oct 2018 16:47

Tgt Ion: 85 Resp: 35750

Ion Ratio Lower Upper

85 100

87 33.0 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VU027314.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU027314.D (-3) (-)

1.21

40000

30000

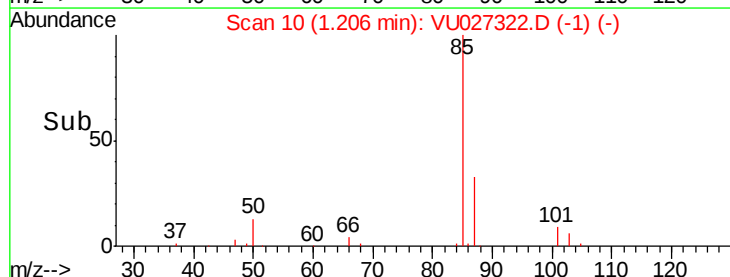
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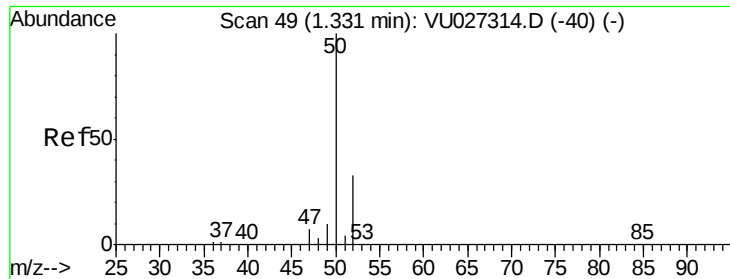
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1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 19.811 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

Instrument :

MSVOA_U

ClientSampled :

VU1001WBS01

Tot Ion: 50 Resp: 45354

Ion Ratio Lower Upper

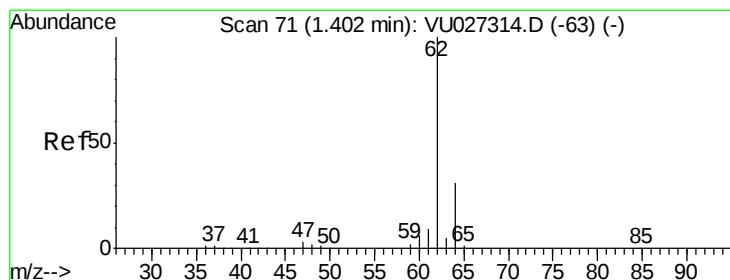
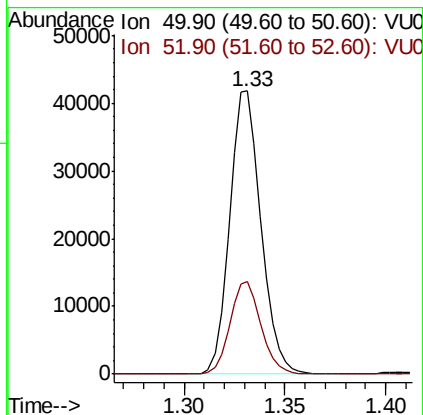
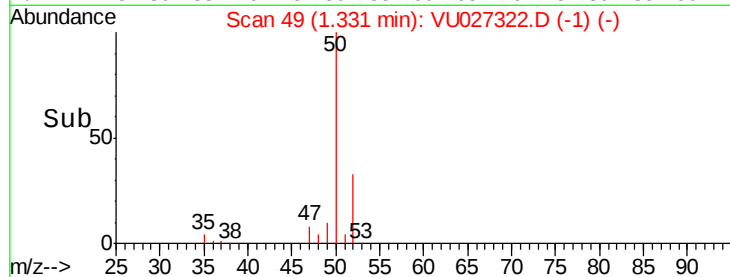
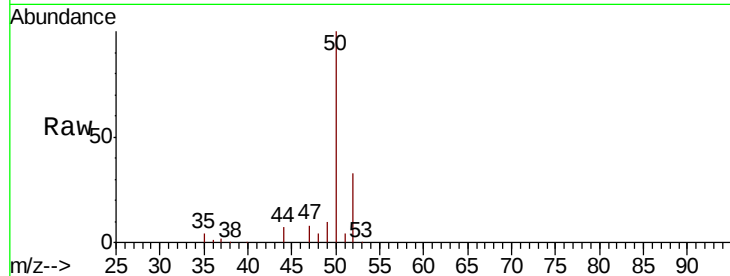
50 100

52 32.6 26.5 39.7

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#4

Vinyl Chloride

Concen: 20.245 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027322.D

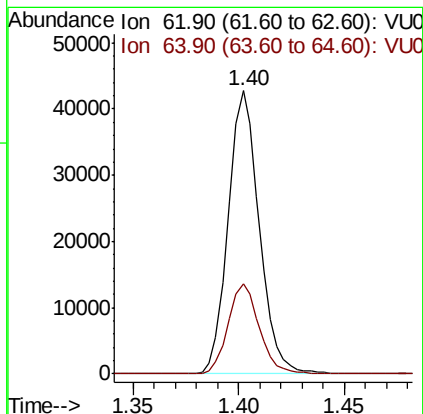
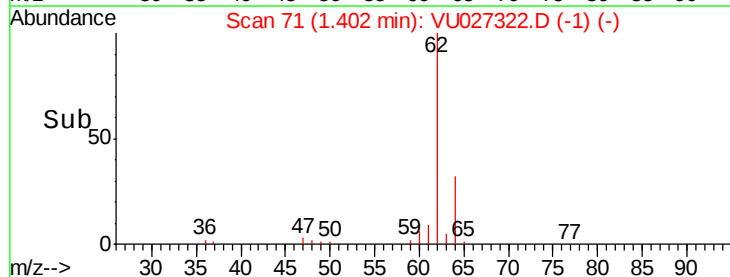
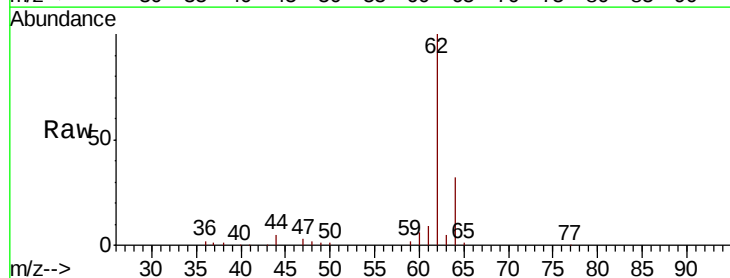
Acq: 01 Oct 2018 16:47

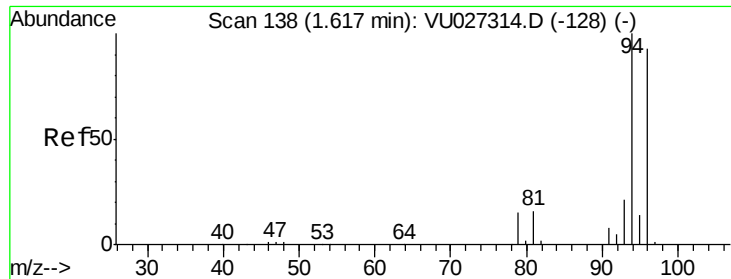
Tgt Ion: 62 Resp: 43568

Ion Ratio Lower Upper

62 100

64 31.9 24.9 37.3





#5

Bromomethane

Concen: 21.804 ug/l

RT: 1.62 min Scan# 139

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

Instrument :

MSVOA_U

ClientSampleId :

VU1001WBS01

Tot Ion: 94 Resp: 20304

Ion Ratio Lower Upper

94 100

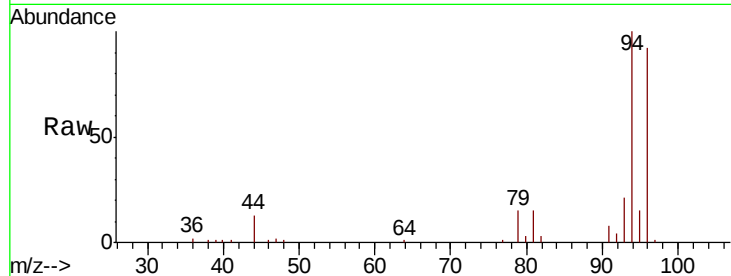
96 91.6 74.6 111.8

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VU027314.D (-128) (-)

Ion 95.90 (95.60 to 96.60): VU027314.D (-128) (-)

1.62

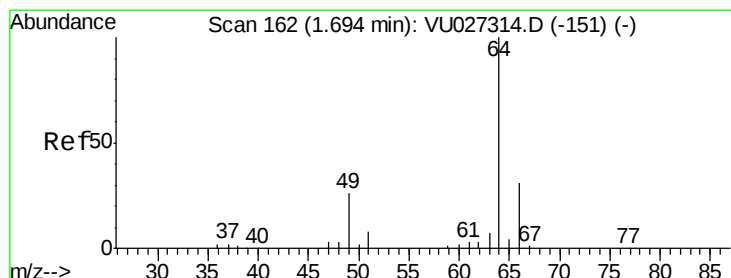
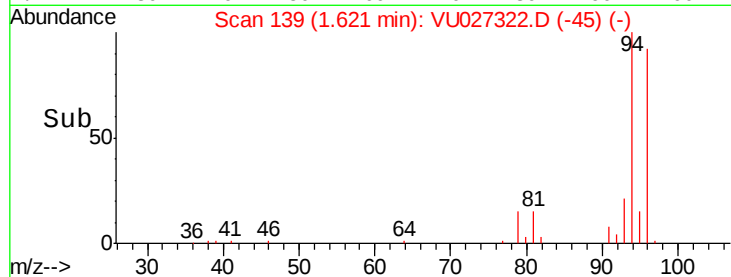
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 18.856 ug/l

RT: 1.70 min Scan# 163

Delta R.T. 0.00 min

Lab File: VU027322.D

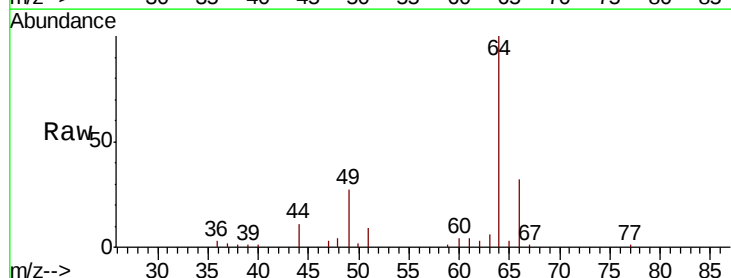
Acq: 01 Oct 2018 16:47

Tgt Ion: 64 Resp: 24384

Ion Ratio Lower Upper

64 100

66 31.9 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VU027314.D (-151) (-)

Ion 65.90 (65.60 to 66.60): VU027314.D (-151) (-)

1.70

20000

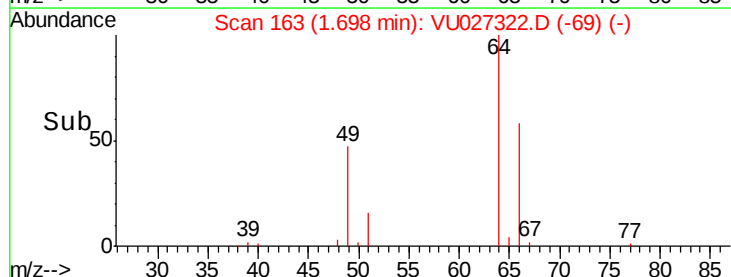
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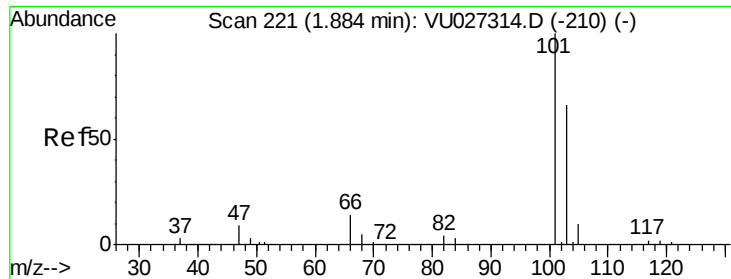
10000

5000

0

Time-->





#7

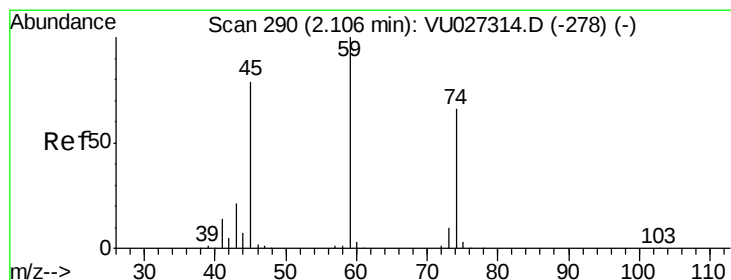
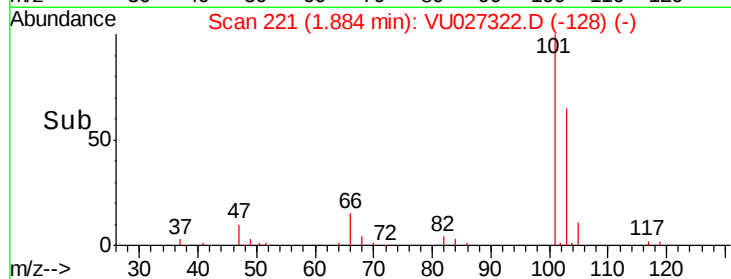
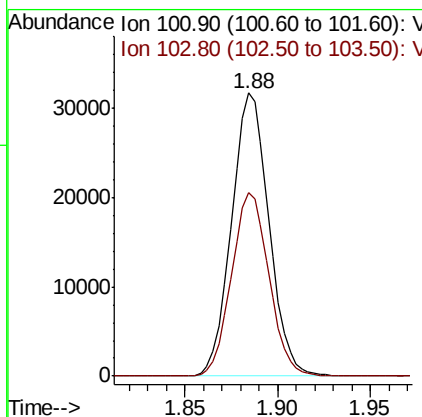
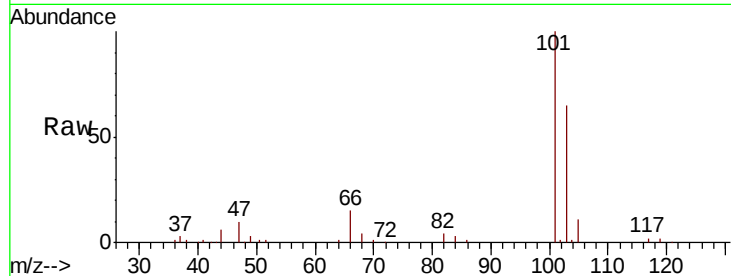
Trichlorofluoromethane
 Concen: 20.289 ug/l
 RT: 1.88 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VU027322.D
 Acq: 01 Oct 2018 16:47

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 VU1001WBS01

Tot Ion:101 Resp: 44302
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.6 78.8

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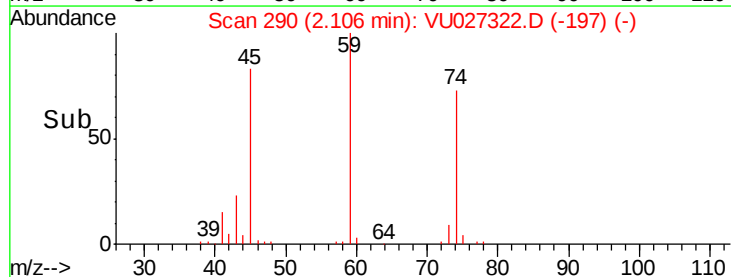
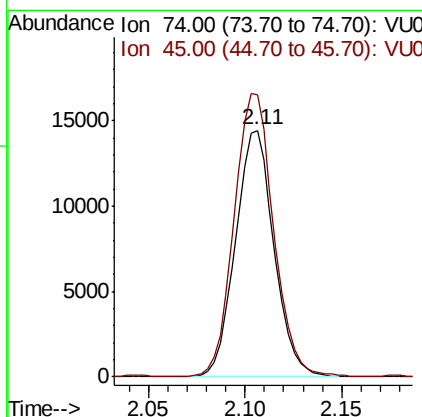
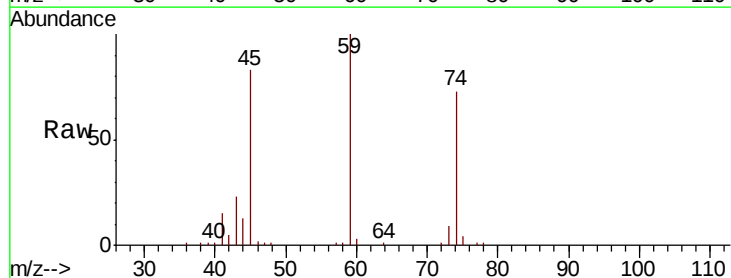
MMDadoda
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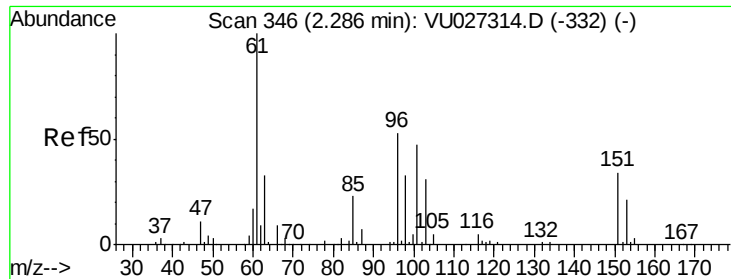


#8

Diethyl Ether
 Concen: 19.808 ug/l
 RT: 2.11 min Scan# 290
 Delta R.T. 0.00 min
 Lab File: VU027322.D
 Acq: 01 Oct 2018 16:47

Tgt Ion: 74 Resp: 19924
 Ion Ratio Lower Upper
 74 100
 45 118.7 60.4 181.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.325 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

Instrument :

MSVOA_U

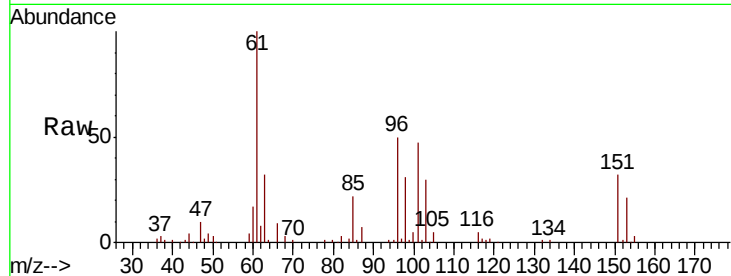
ClientSampleId :

VU1001WBS01

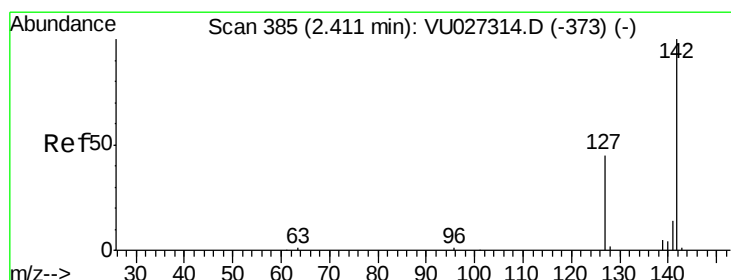
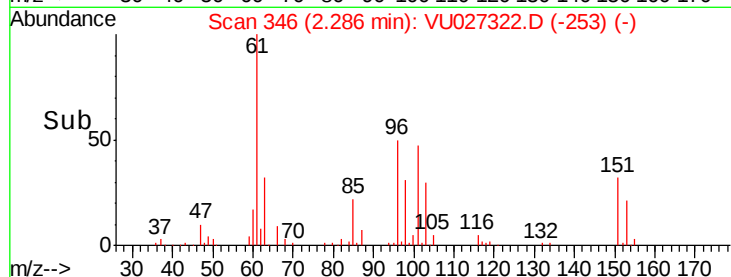
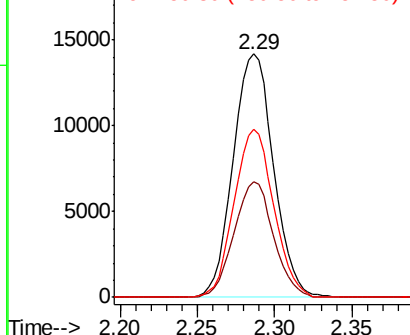
Tot Ion:	101	Resp:	25774
Ion Ratio	Lower	Upper	
101	100		
85	46.2	37.5	56.3
151	67.4	55.6	83.4

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VU
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.638 ug/l

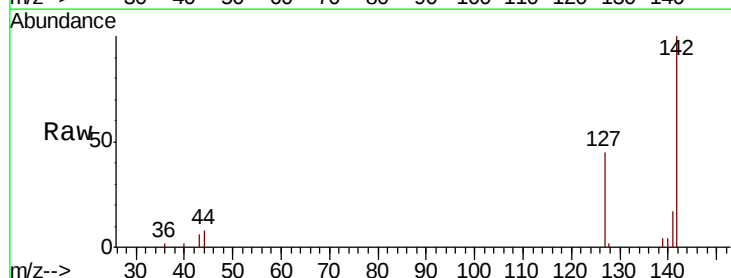
RT: 2.41 min Scan# 384

Delta R.T. -0.00 min

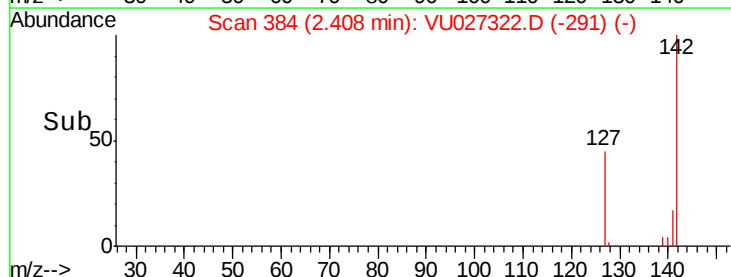
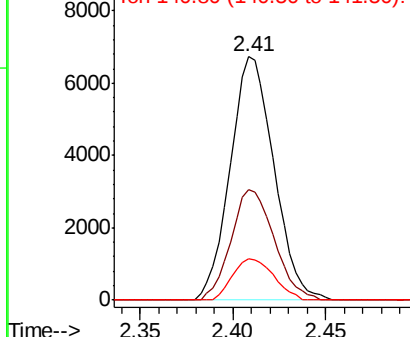
Lab File: VU027322.D

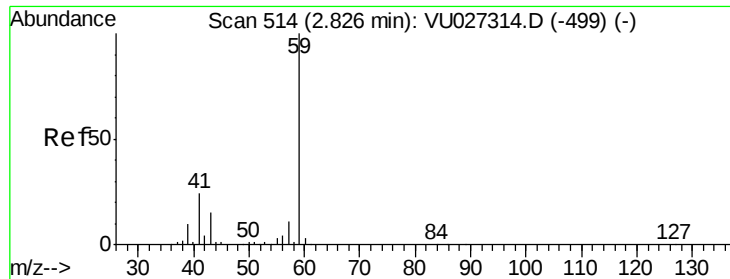
Acq: 01 Oct 2018 16:47

Tgt Ion:	142	Resp:	11064
Ion Ratio	Lower	Upper	
142	100		
127	44.7	36.3	54.5
141	15.9	11.6	17.4



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





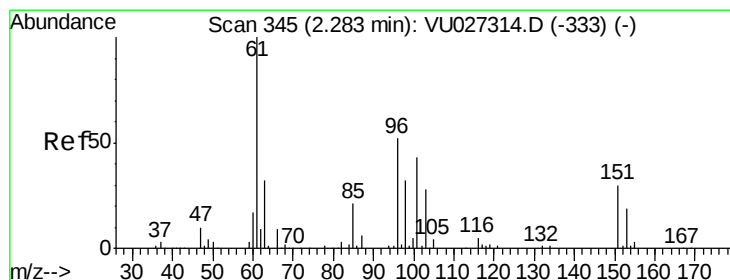
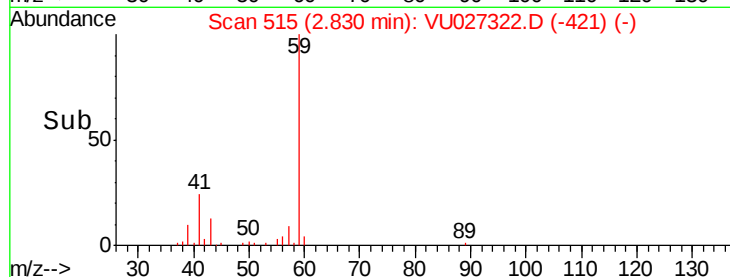
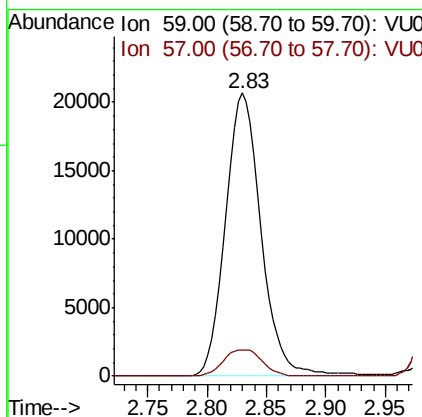
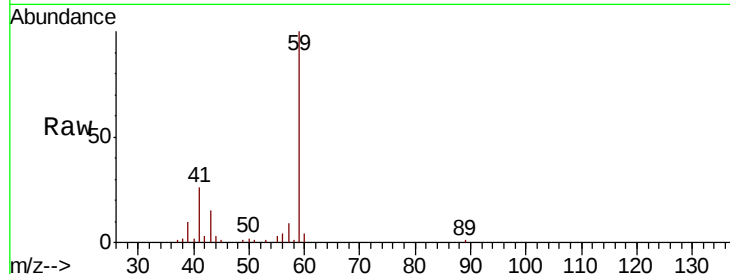
#11
Tert butyl alcohol
Concen: 103.872 ug/l
RT: 2.83 min Scan# 515
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Instrument :
MSVOA_U
ClientSampleId :
VU1001WBS01

Tot Ion: 59 Resp: 42841
Ion Ratio Lower Upper
59 100
57 10.0 8.4 12.6

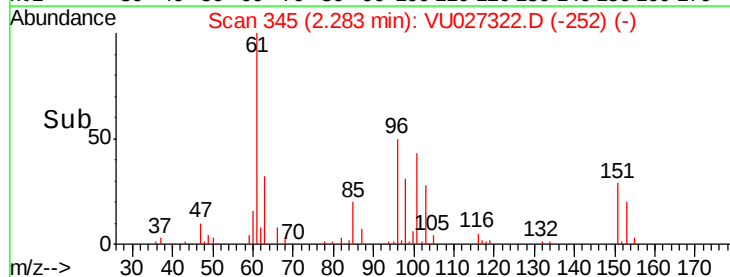
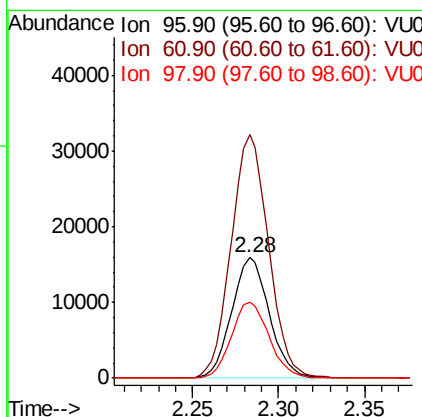
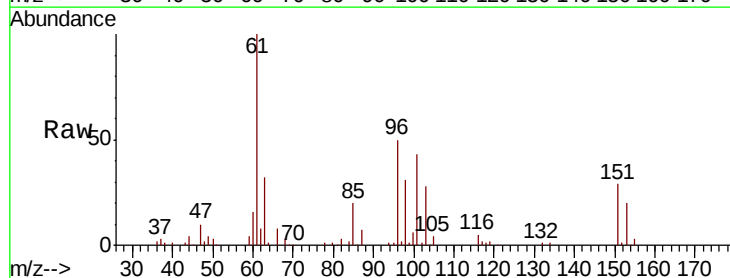
Manual Integrations
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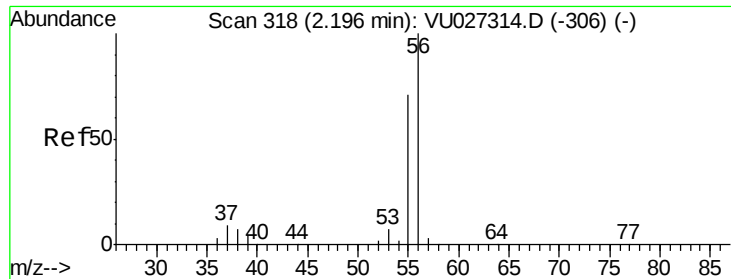
MMDadoda
10/3/2018 11:41:44 AM



#12
1,1-Dichloroethene
Concen: 19.526 ug/l
RT: 2.28 min Scan# 345
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Tgt Ion: 96 Resp: 24191
Ion Ratio Lower Upper
96 100
61 201.9 153.0 229.6
98 63.0 49.3 73.9





#13

Acrolein

Concen: 87.731 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

Instrument :

MSVOA_U

ClientSampleId :

VU1001WBS01

Tot Ion: 56 Resp: 30362

Ion Ratio Lower Upper

56 100

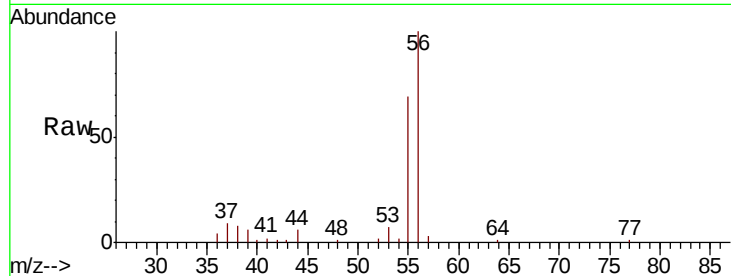
55 71.2 57.7 86.5

Manual Integrations

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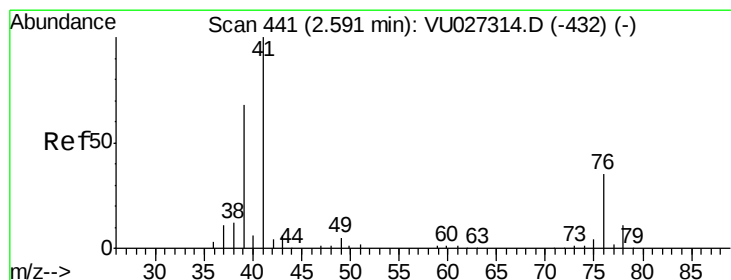
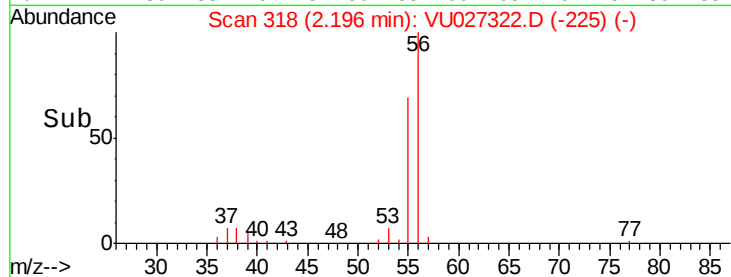
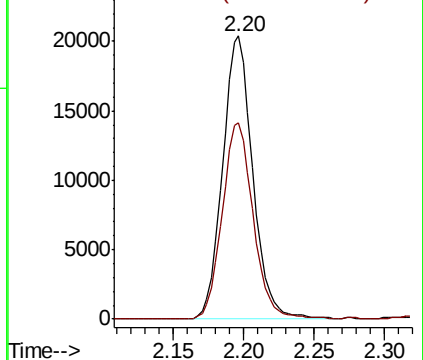
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Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 19.044 ug/l

RT: 2.59 min Scan# 441

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

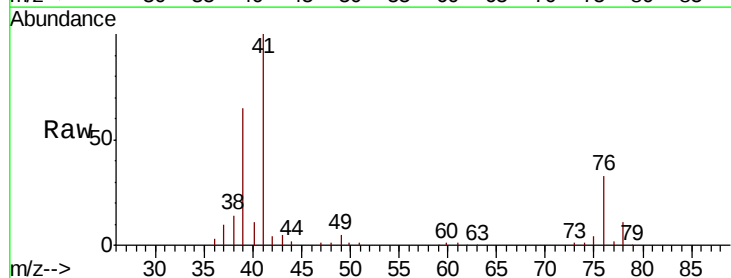
Tgt Ion: 41 Resp: 56028

Ion Ratio Lower Upper

41 100

39 68.1 51.8 77.8

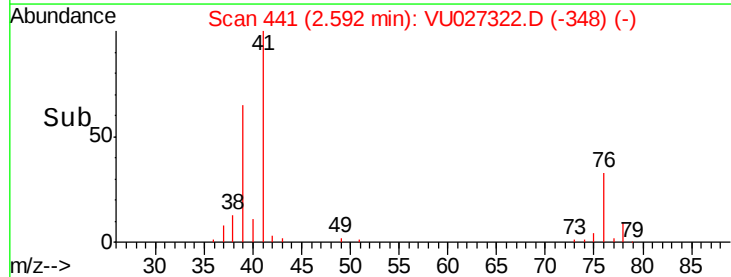
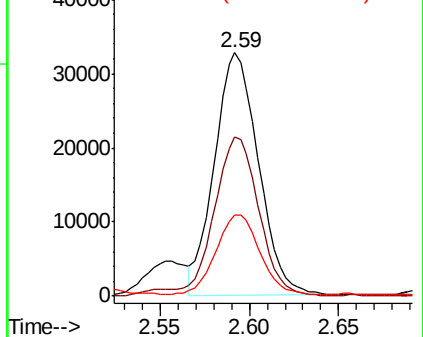
76 32.7 25.9 38.9

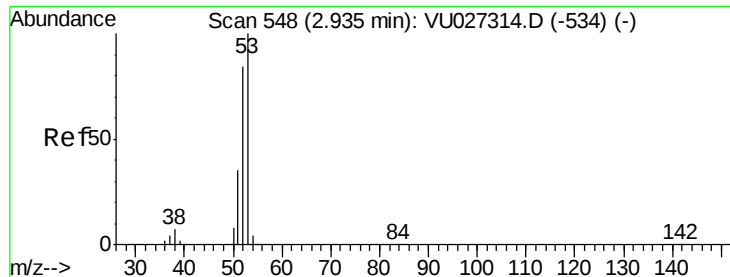


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 101.971 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

Instrument :

MSVOA_U

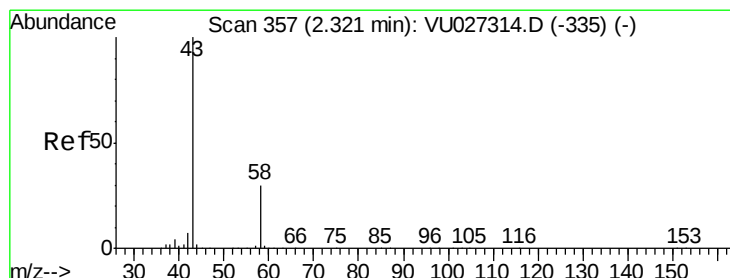
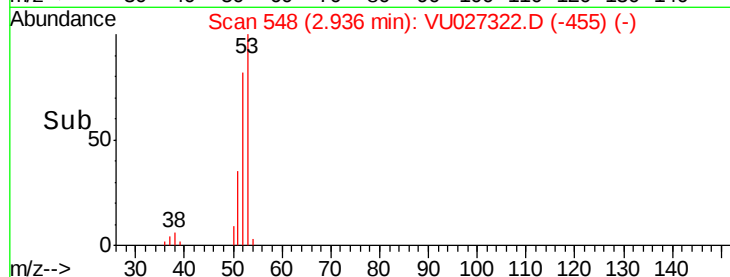
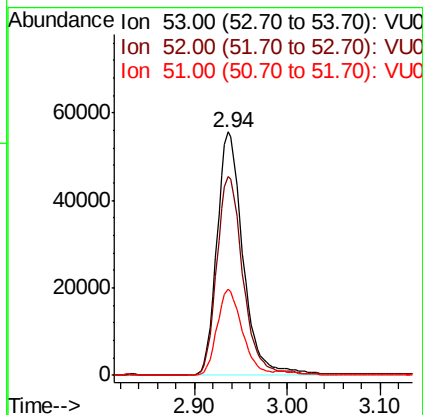
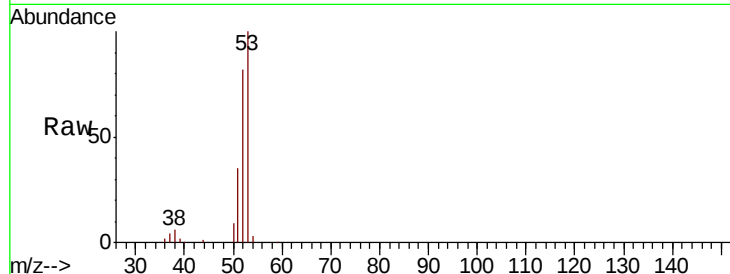
ClientSampleId :

VU1001WBS01

Tot Ion:	53	Resp:	109463
Ion Ratio	Lower	Upper	
53	100		
52	81.6	66.5	99.7
51	34.0	27.6	41.4

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#16

Acetone

Concen: 91.335 ug/l

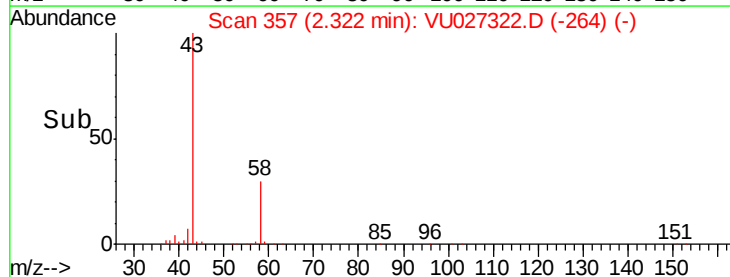
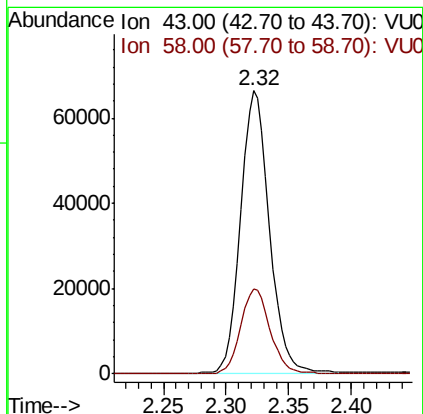
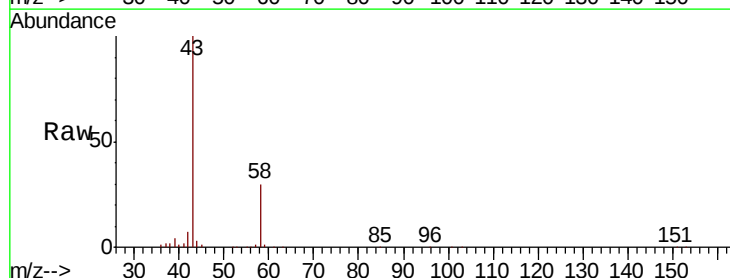
RT: 2.32 min Scan# 357

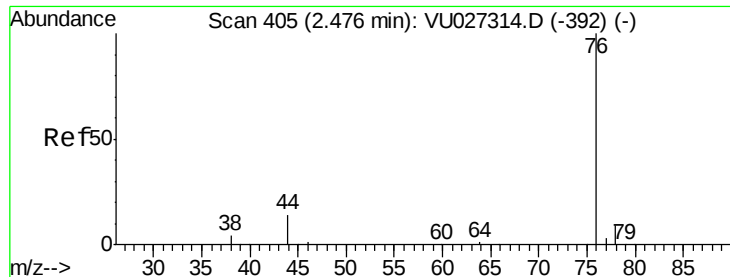
Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

Tgt Ion:	43	Resp:	105678
Ion Ratio	Lower	Upper	
43	100		
58	30.0	24.2	36.4





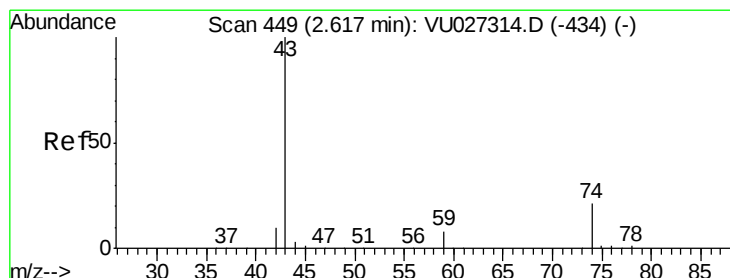
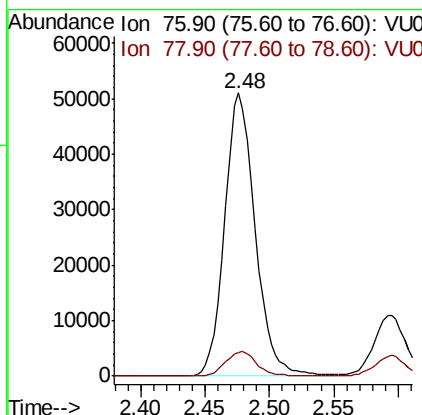
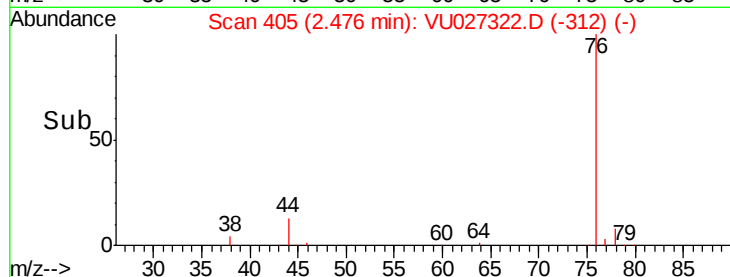
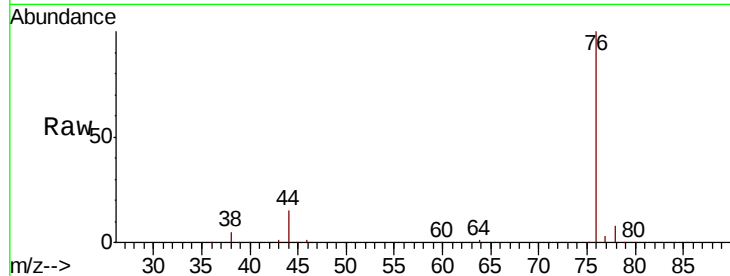
#17
Carbon Disulfide
Concen: 18.797 ug/l
RT: 2.48 min Scan# 405
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Instrument :
MSVOA_U
ClientSampleId :
VU1001WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.3	10.9

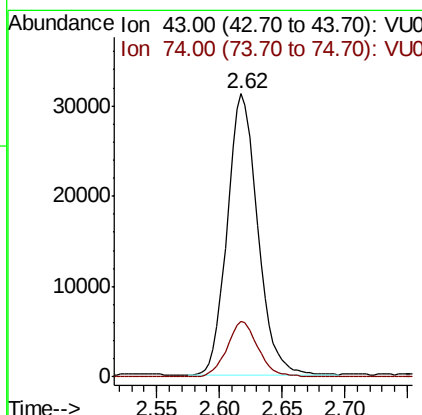
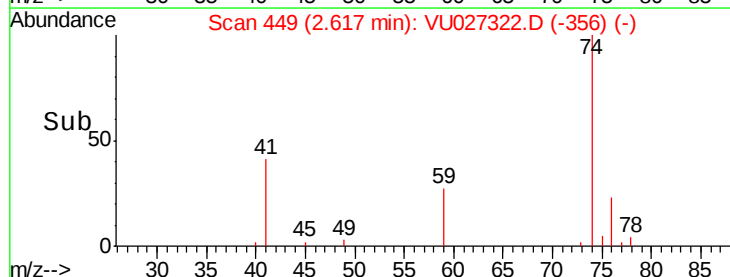
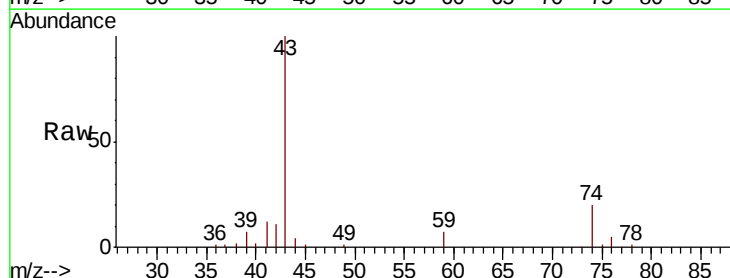
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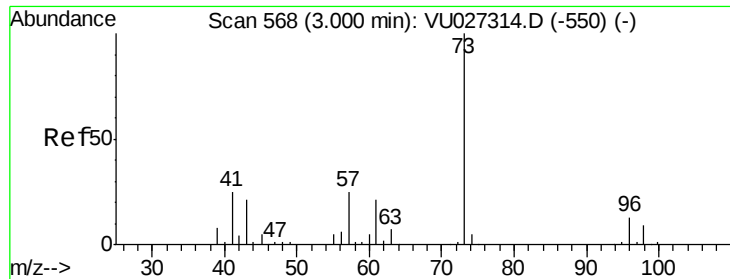
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#18
Methyl Acetate
Concen: 19.812 ug/l
RT: 2.62 min Scan# 449
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.2	16.5	24.7





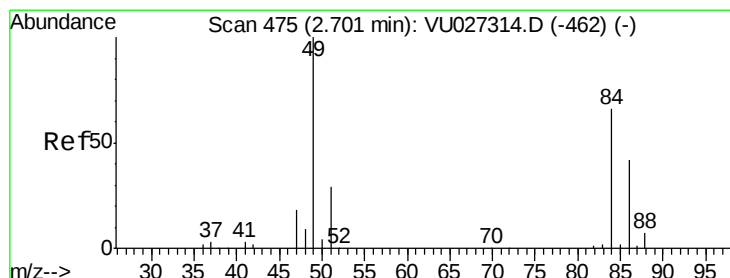
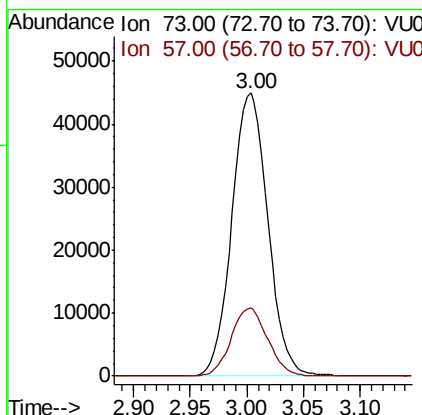
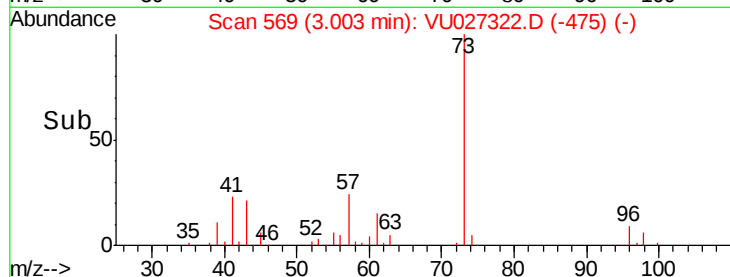
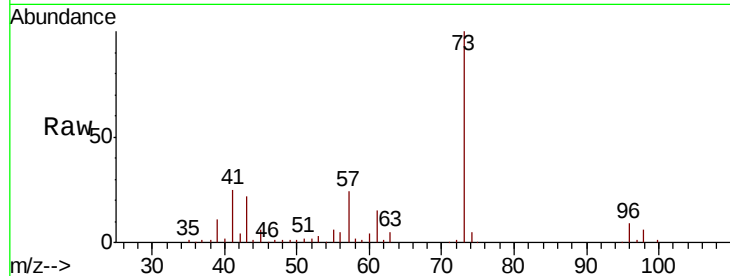
#19
Methyl tert-butyl Ether
Concen: 20.088 ug/l
RT: 3.00 min Scan# 569
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Instrument :
MSVOA_U
ClientSampleId :
VU1001WBS01

Tot Ion: 73 Resp: 99724
Ion Ratio Lower Upper
73 100
57 24.0 20.0 30.0

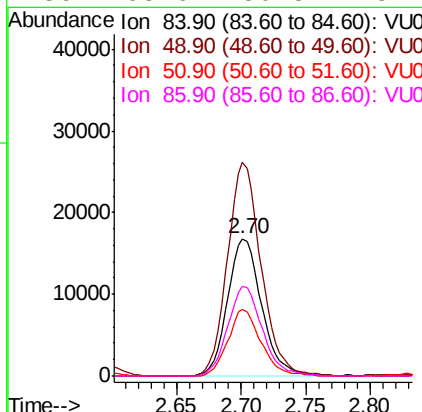
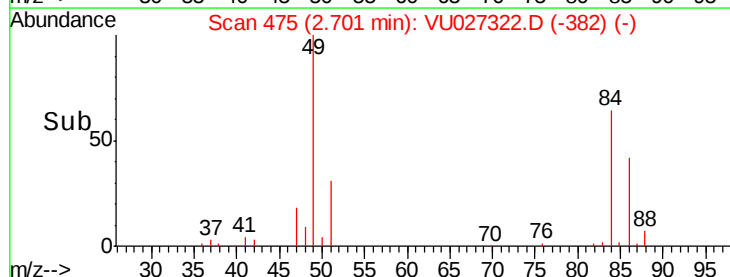
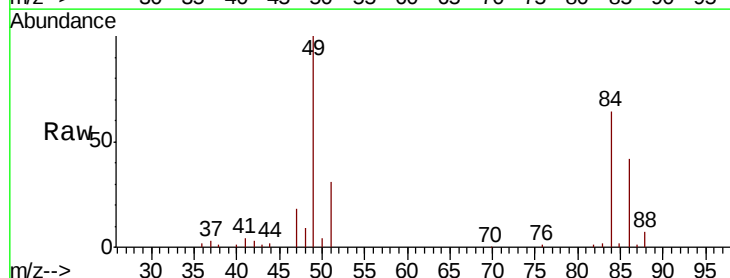
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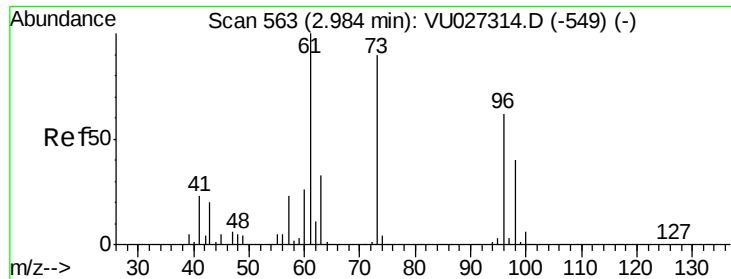
MMDadoda
10/3/2018 11:41:44 AM



#20
Methylene Chloride
Concen: 19.156 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Tgt Ion: 84 Resp: 30873
Ion Ratio Lower Upper
84 100
49 155.5 120.5 180.7
51 48.9 35.1 52.7
86 65.6 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 19.788 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

Instrument :

MSVOA_U

ClientSampleId :

VU1001WBS01

Tot Ion: 96 Resp: 27524

Ion Ratio Lower Upper

96 100

61 161.4 129.4 194.2

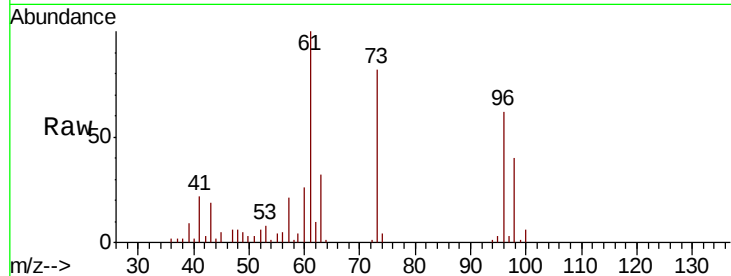
98 65.4 51.2 76.8

Manual Integrations

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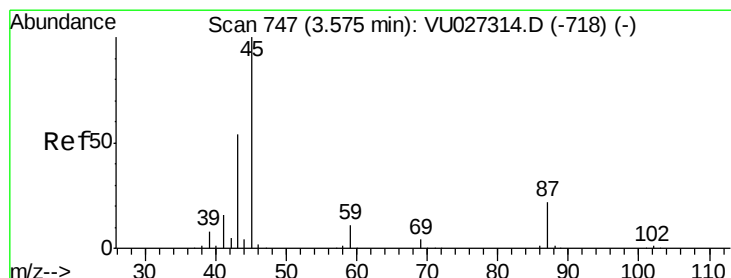
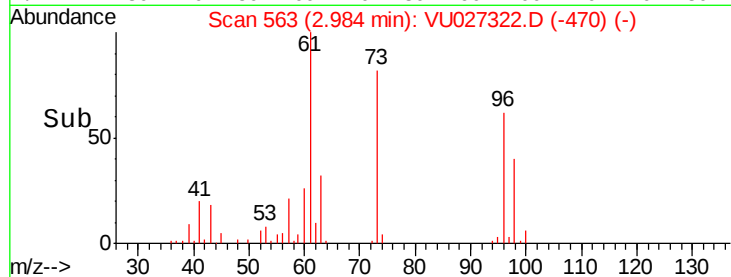
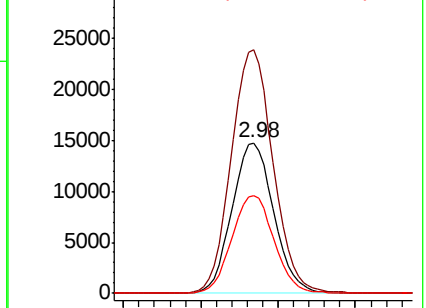
10/3/2018 11:41:44 AM



Abundance Ion 95.90 (95.60 to 96.60): VU027314.D (-549) (-)

Ion 60.90 (60.60 to 61.60): VU027314.D (-549) (-)

Ion 97.90 (97.60 to 98.60): VU027314.D (-549) (-)



#22

Diisopropyl ether

Concen: 20.808 ug/l

RT: 3.58 min Scan# 747

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

Tgt Ion: 45 Resp: 124425

Ion Ratio Lower Upper

45 100

43 55.9 43.4 65.2

87 21.0 17.5 26.3

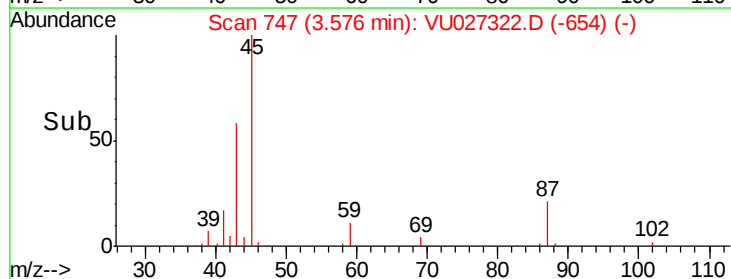
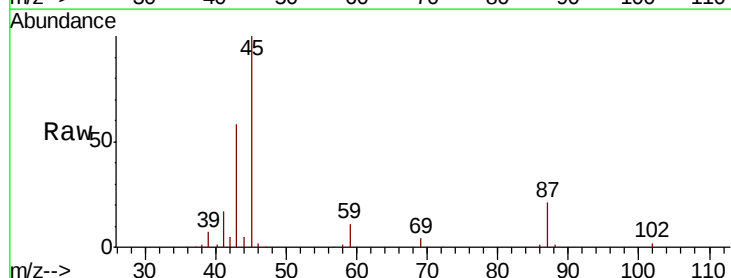
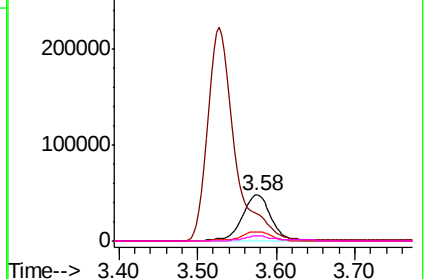
59 10.7 8.6 13.0

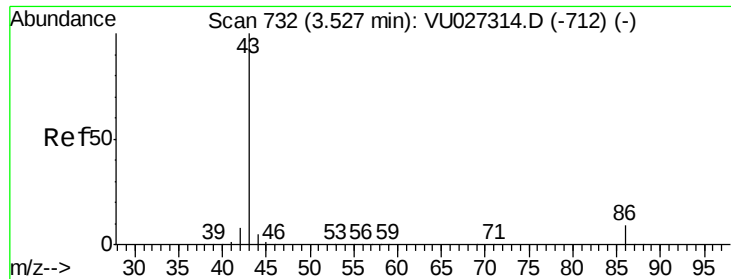
Abundance Ion 45.00 (44.70 to 45.70): VU027314.D (-718) (-)

Ion 43.00 (42.70 to 43.70): VU027314.D (-718) (-)

Ion 87.00 (86.70 to 87.70): VU027314.D (-718) (-)

Ion 59.00 (58.70 to 59.70): VU027314.D (-718) (-)





#23

Vinyl Acetate

Concen: 101.609 ug/l

RT: 3.53 min Scan# 732

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

Instrument :

MSVOA_U

ClientSampleId :

VU1001WBS01

Tot Ion: 43 Resp: 530622

Ion Ratio Lower Upper

43 100

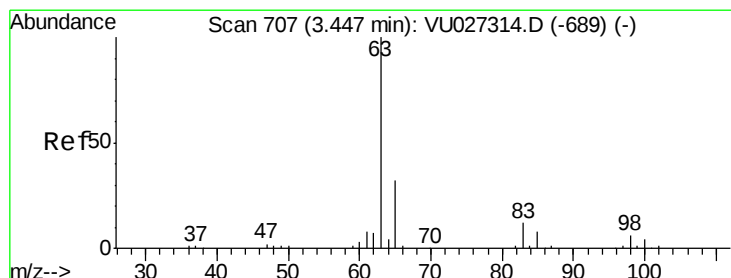
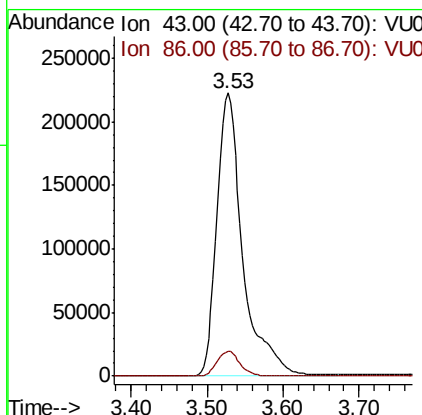
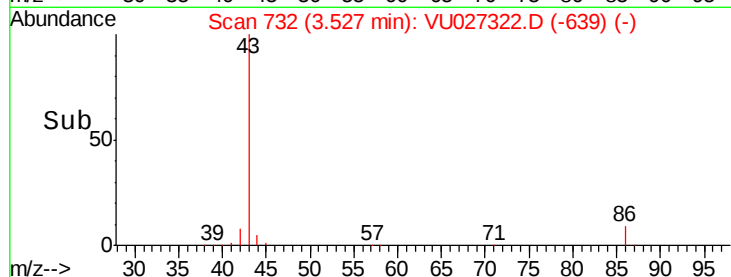
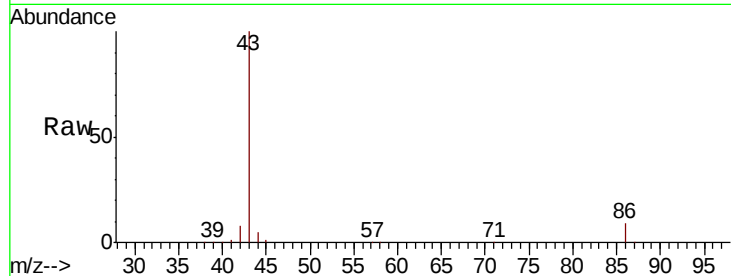
86 8.8 7.0 10.4

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#24

1,1-Dichloroethane

Concen: 20.254 ug/l

RT: 3.45 min Scan# 707

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

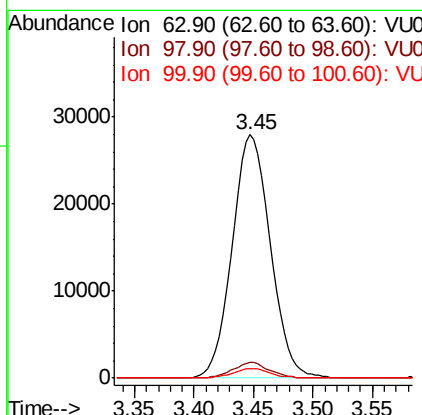
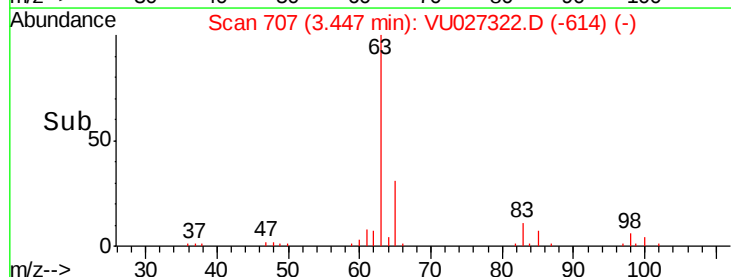
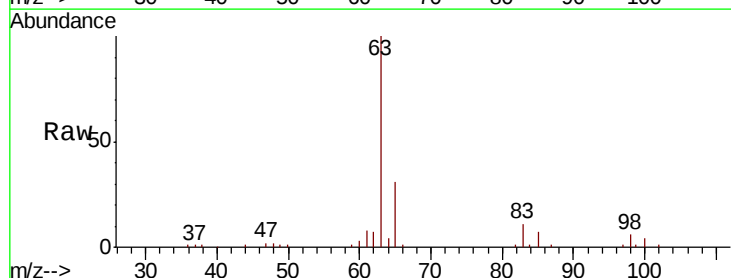
Tgt Ion: 63 Resp: 62262

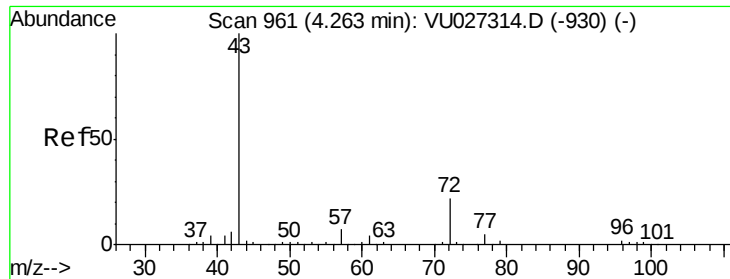
Ion Ratio Lower Upper

63 100

98 6.5 3.0 9.2

100 3.9 1.8 5.5





#25

2-Butanone

Concen: 101.695 ug/l

RT: 4.27 min Scan# 962

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

Instrument :

MSVOA_U

ClientSampleId :

VU1001WBS01

Tot Ion: 43 Resp: 160455

Ion Ratio Lower Upper

43 100

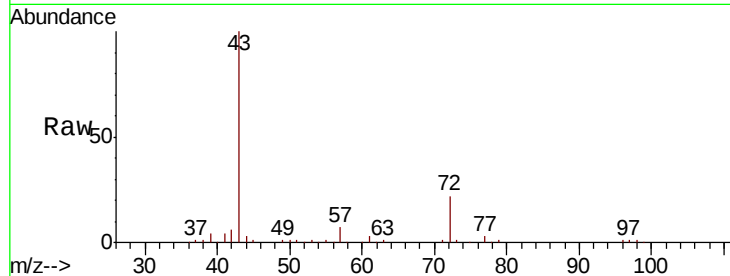
72 21.7 17.8 26.6

Manual Integrations

APPROVED

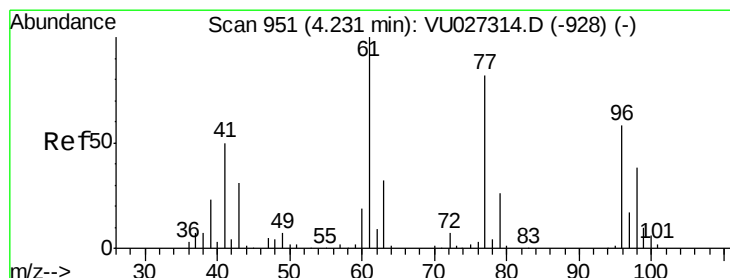
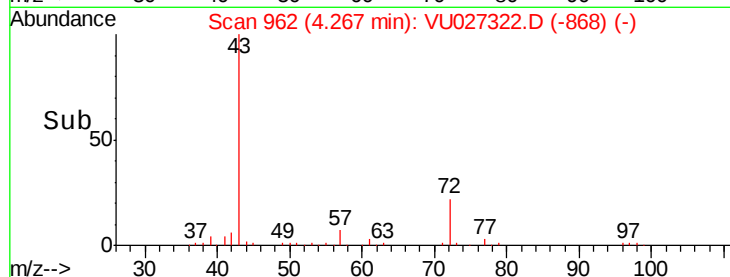
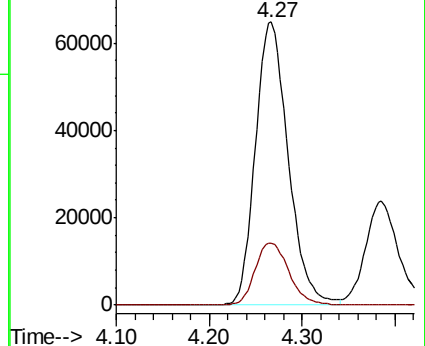
MMDadoda

10/3/2018 11:41:44 AM



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#26

2,2-Dichloropropane

Concen: 19.125 ug/l

RT: 4.23 min Scan# 951

Delta R.T. 0.00 min

Lab File: VU027322.D

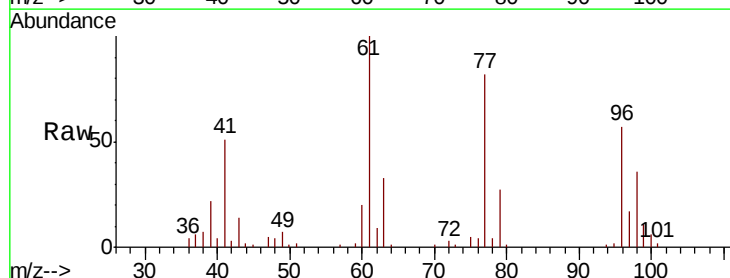
Acq: 01 Oct 2018 16:47

Tgt Ion: 77 Resp: 48310

Ion Ratio Lower Upper

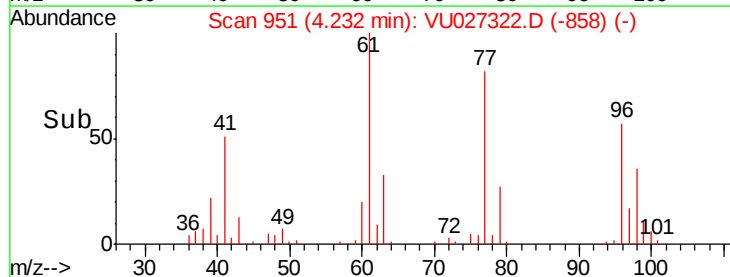
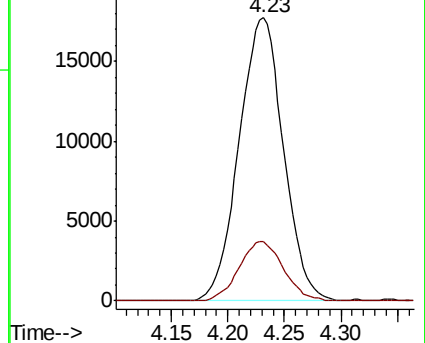
77 100

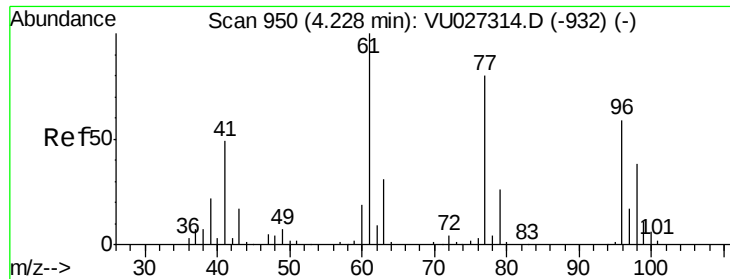
97 21.0 10.4 31.1



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0





#27

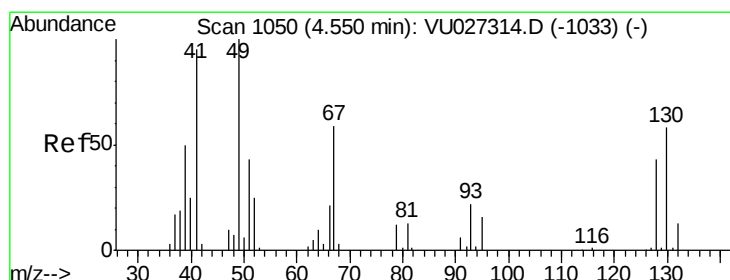
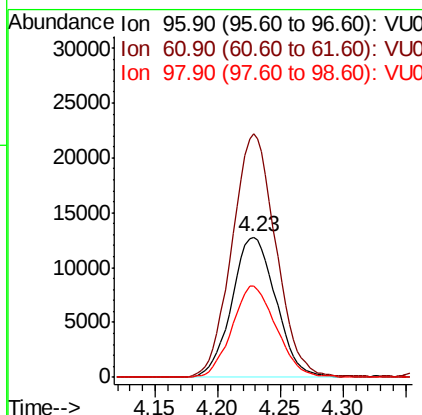
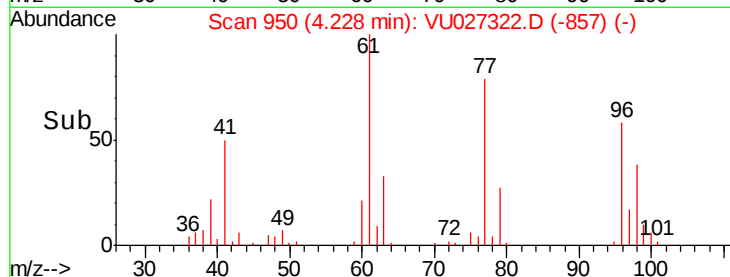
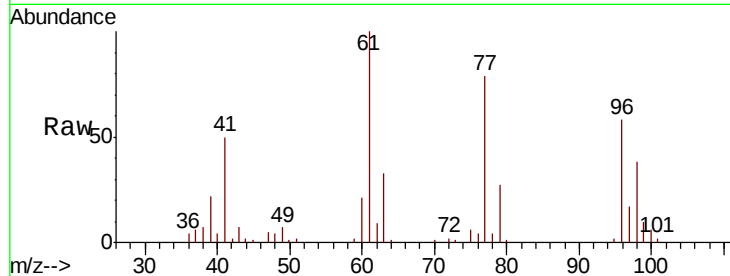
cis-1,2-Dichloroethene
Concen: 19.505 ug/l
RT: 4.23 min Scan# 950
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Instrument :
MSVOA_U
ClientSampleId :
VU1001WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	31026		
61	174.2	0.0	343.8	
98	65.6	0.0	129.0	

Manual Integrations
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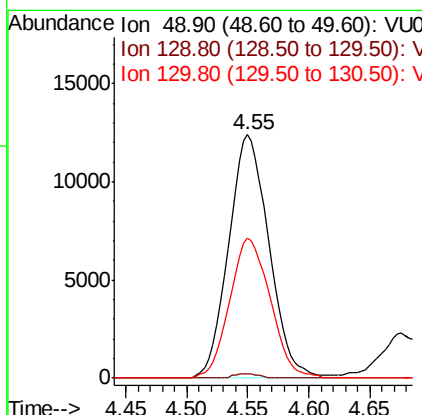
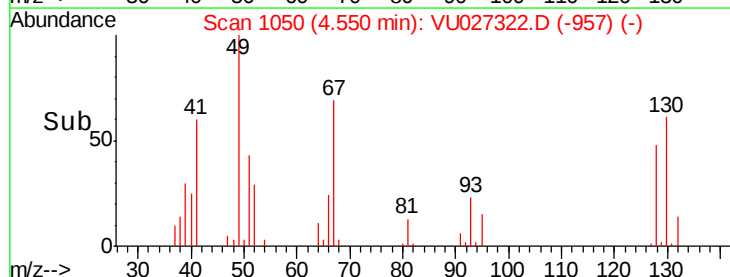
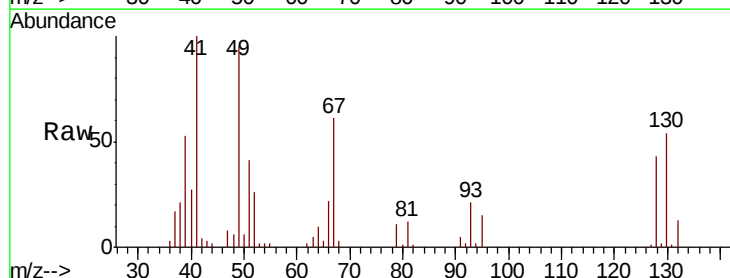
MMDadoda
10/3/2018 11:41:44 AM

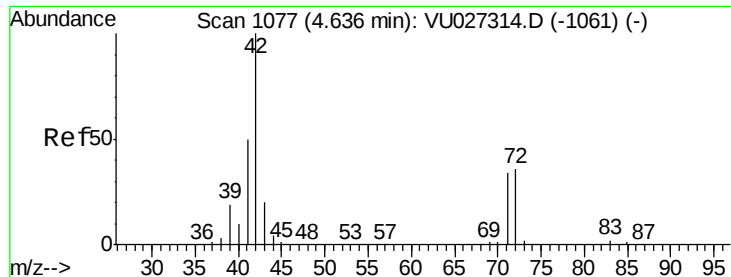


#28

Bromochloromethane
Concen: 19.276 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	28588		
129	1.0	0.0	3.0	
130	57.7	46.1	69.1	





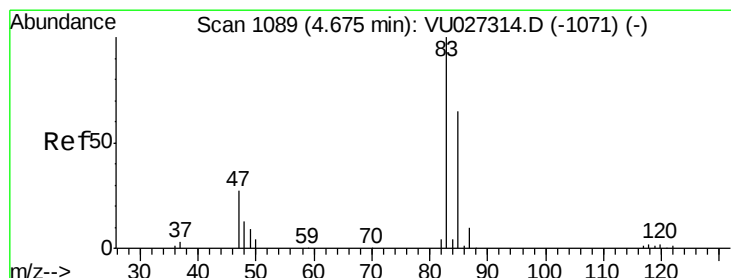
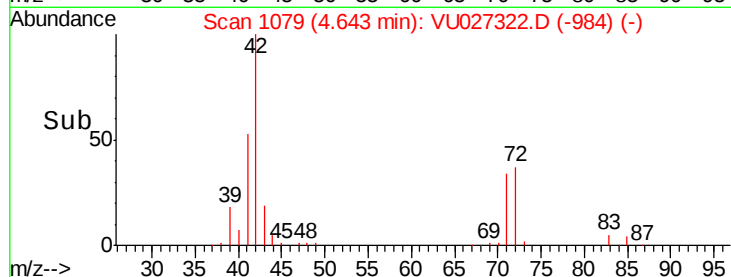
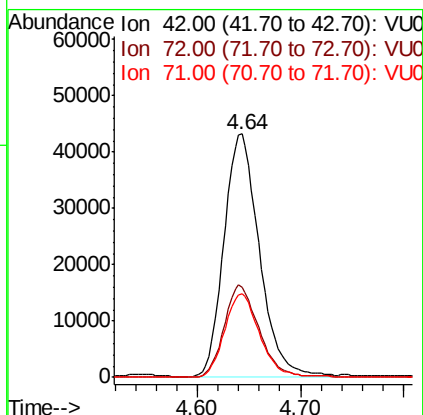
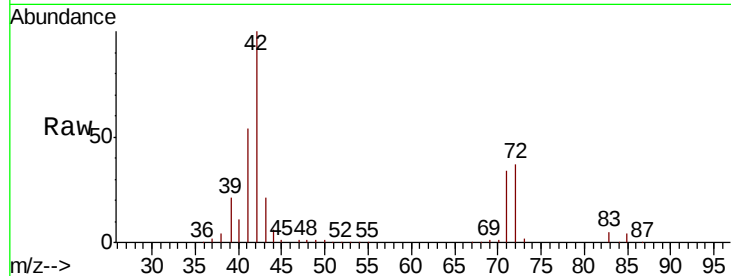
#29
Tetrahydrofuran
Concen: 103.739 ug/l
RT: 4.64 min Scan# 1079
Delta R.T. 0.01 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Instrument :
MSVOA_U
ClientSampleId :
VU1001WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.5	30.1	45.1
71	34.0	27.7	41.5

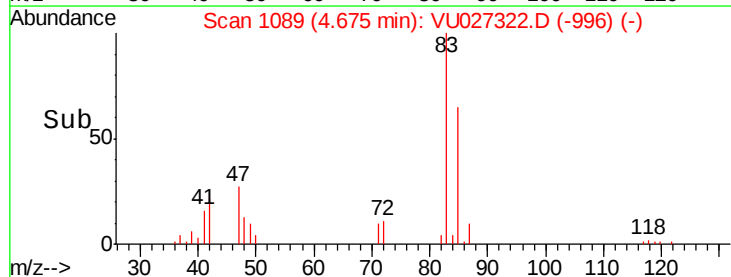
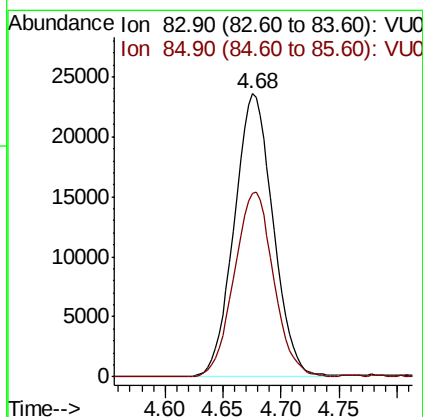
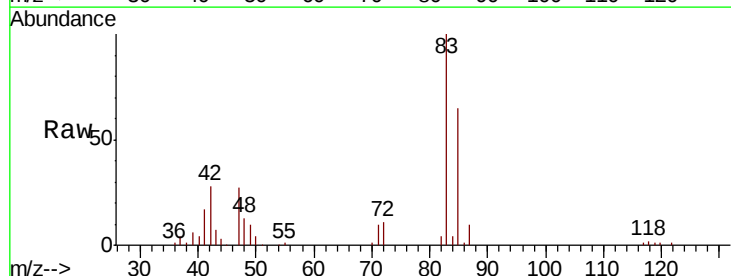
Manual Integrations
APPROVED

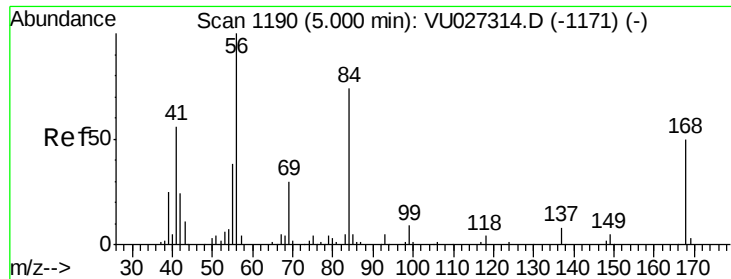
MMDadoda
10/3/2018 11:41:44 AM



#30
Chloroform
Concen: 20.149 ug/l
RT: 4.68 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.8	77.6





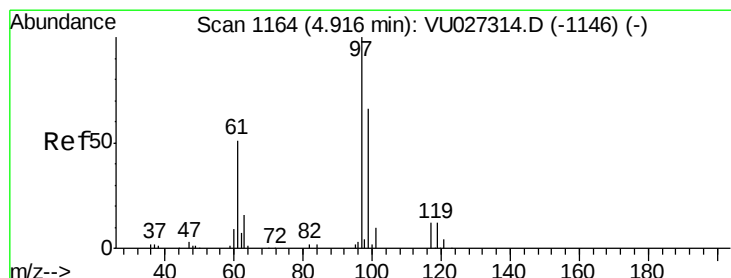
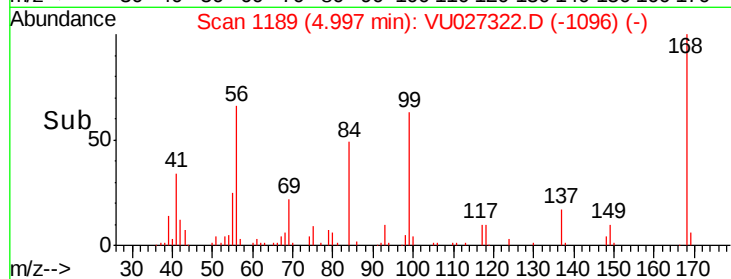
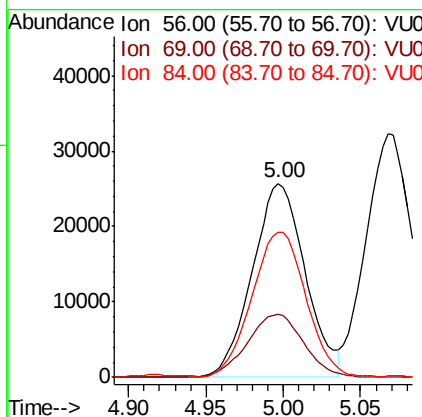
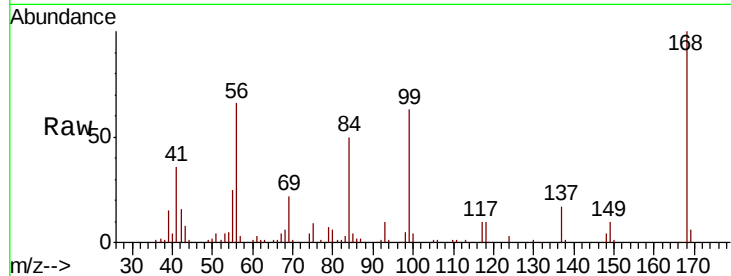
#31
Cyclohexane
Concen: 19.360 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Instrument :
MSVOA_U
ClientSampleId :
VU1001WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.5	24.1	36.1
84	74.4	59.1	88.7

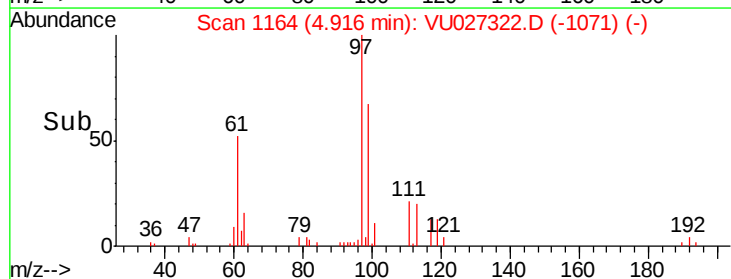
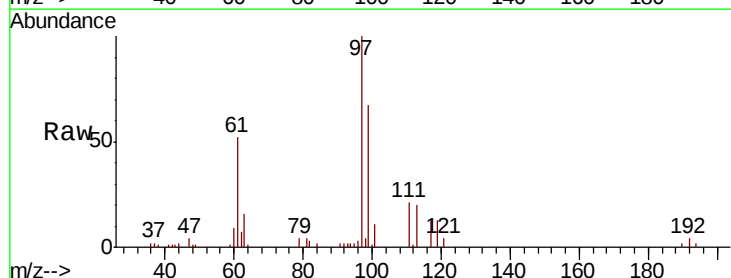
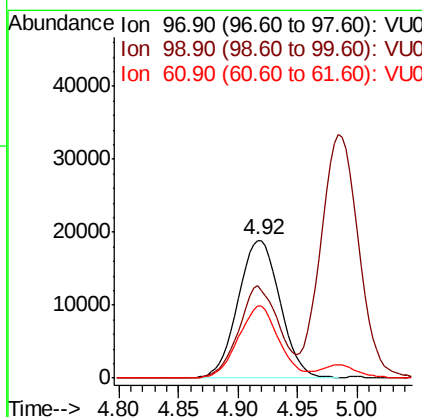
Manual Integrations
APPROVED

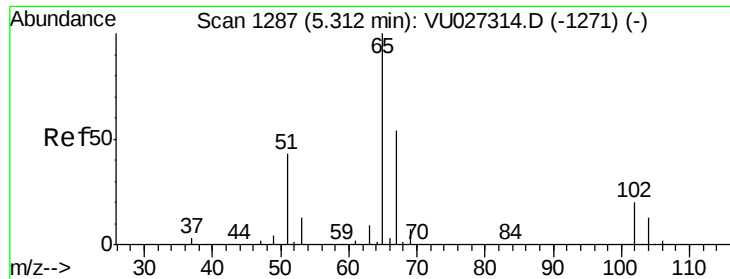
MMDadoda
10/3/2018 11:41:44 AM



#32
1,1,1-Trichloroethane
Concen: 20.114 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.1	76.7
61	50.2	39.6	59.4





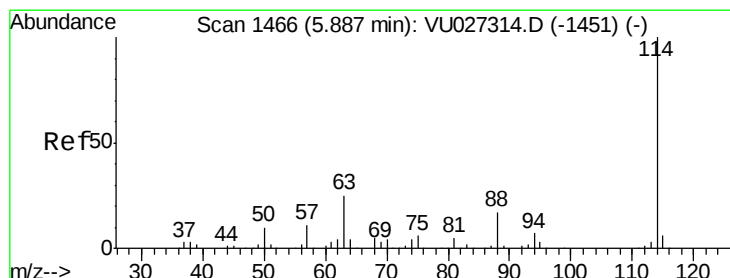
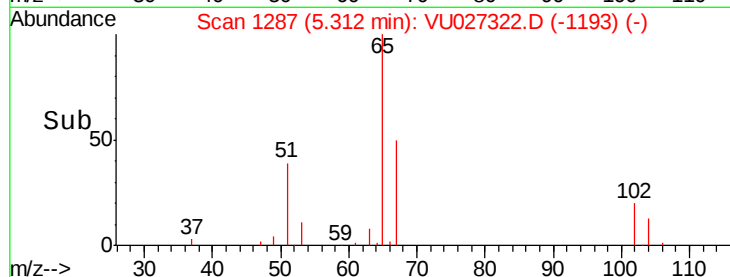
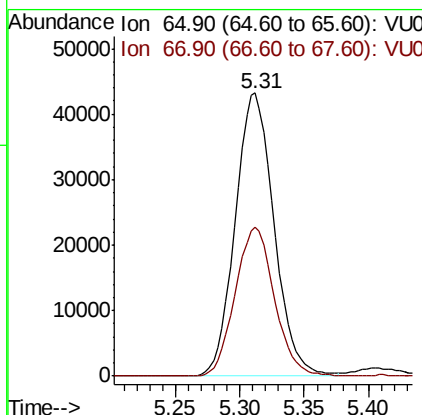
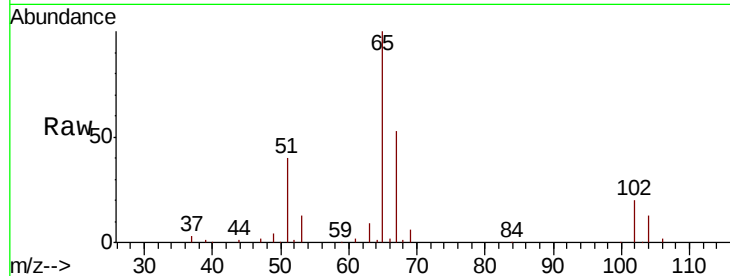
#33
 1,2-Dichloroethane-d4
 Concen: 46.233 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027322.D
 Acq: 01 Oct 2018 16:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1001WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	107.8

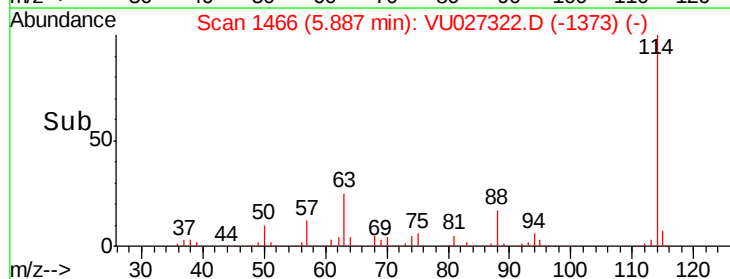
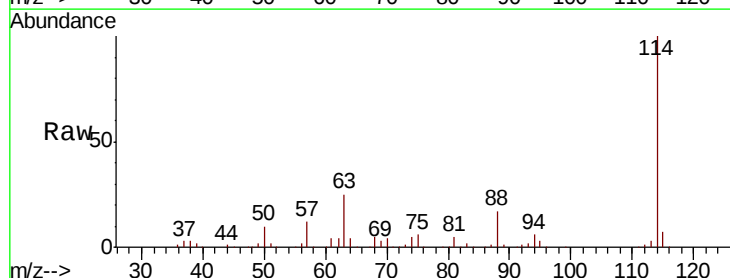
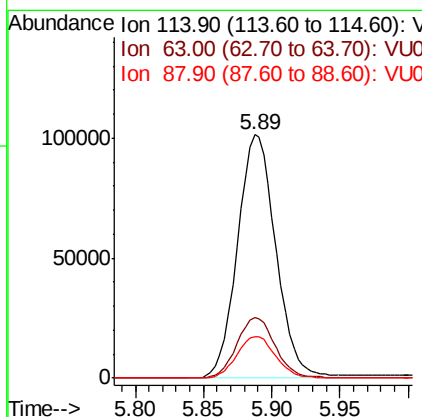
Manual Integrations
 APPROVED

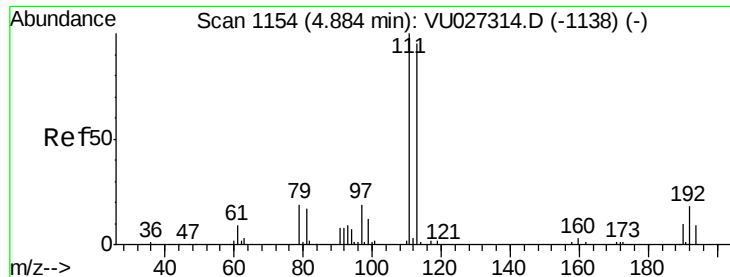
MMDadoda
 10/3/2018 11:41:44 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU027322.D
 Acq: 01 Oct 2018 16:47

Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.0	0.0	50.2
88	17.2	0.0	33.8





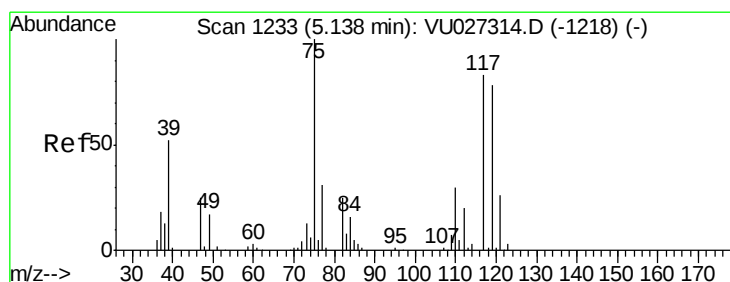
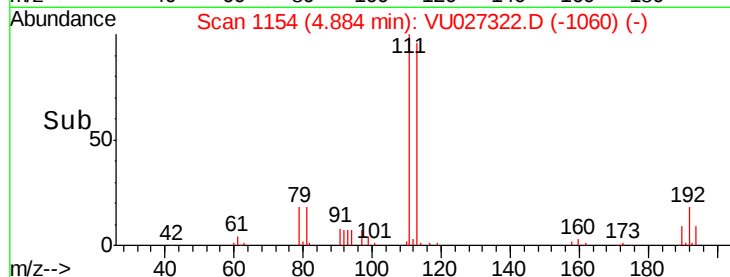
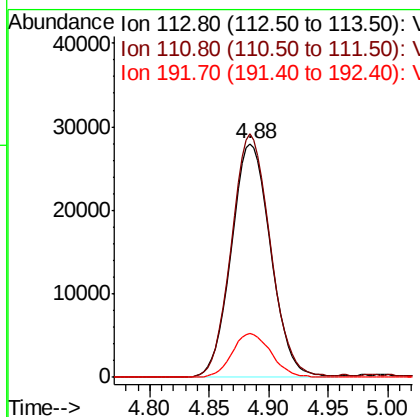
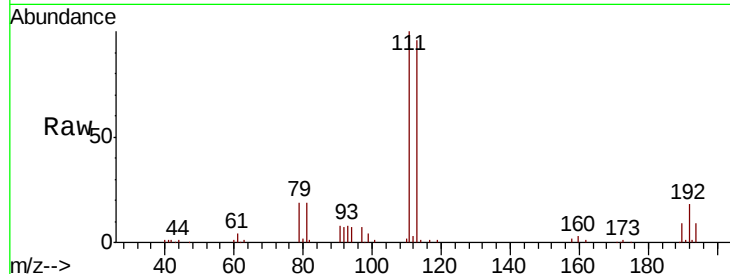
#35
 Dibromofluoromethane
 Concen: 47.359 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027322.D
 Acq: 01 Oct 2018 16:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1001WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.1	124.7
192	18.5	15.4	23.0

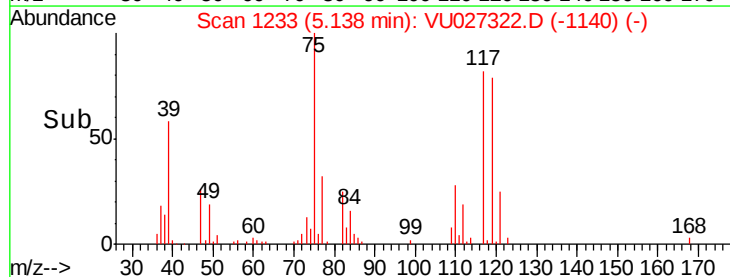
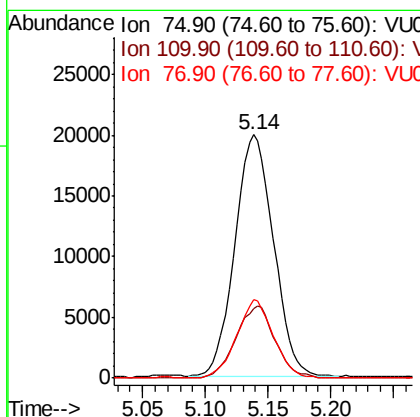
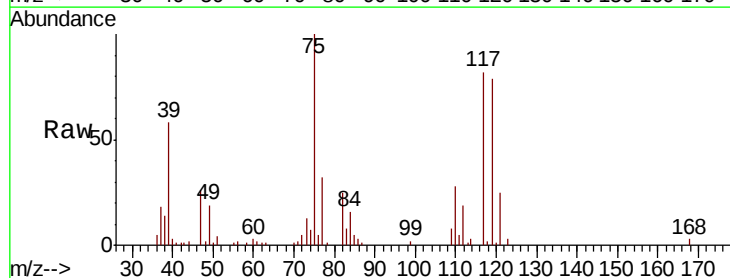
Manual Integrations
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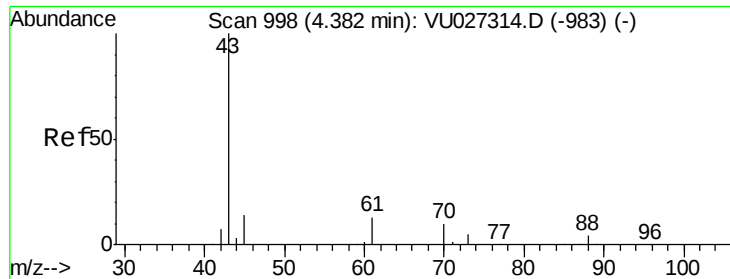
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 10/3/2018 11:41:44 AM



#36
 1,1-Dichloropropene
 Concen: 19.739 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU027322.D
 Acq: 01 Oct 2018 16:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	30.2	15.5	46.5
77	30.9	25.4	38.0





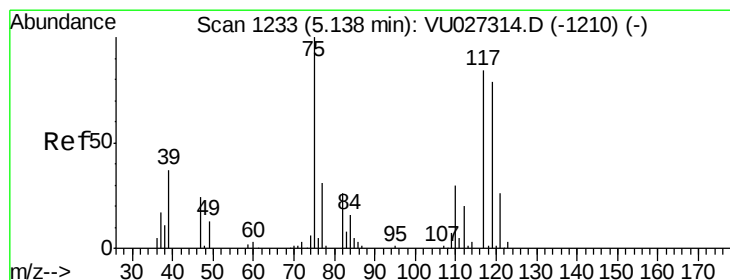
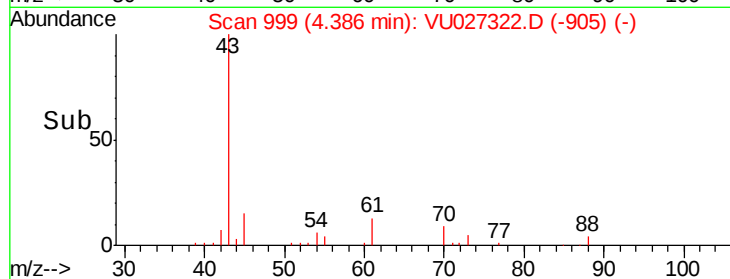
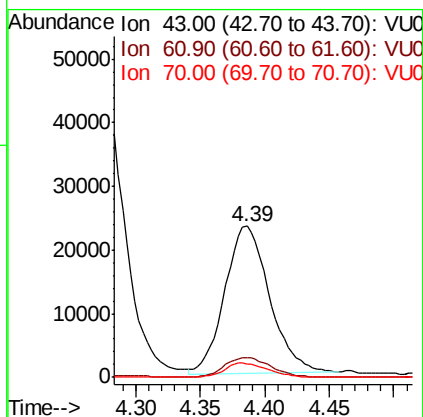
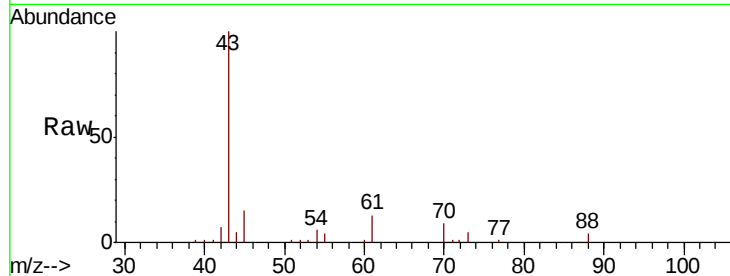
#37
Ethyl Acetate
Concen: 20.071 ug/l
RT: 4.39 min Scan# 999
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Instrument :
MSVOA_U
ClientSampleId :
VU1001WBS01

Tot Ion	43	Resp	55784
Ion Ratio	100	Lower	Upper
43	100		
61	14.2	10.7	16.1
70	9.2	7.4	11.2

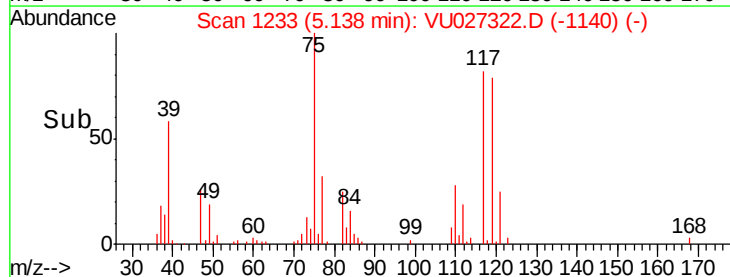
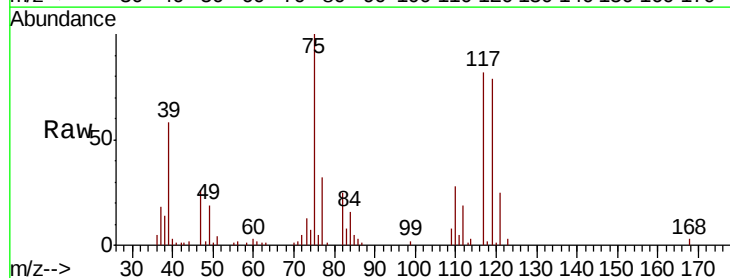
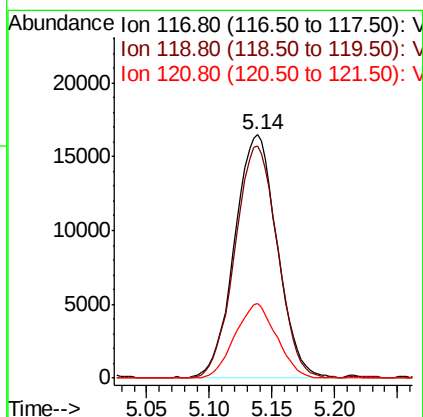
Manual Integrations
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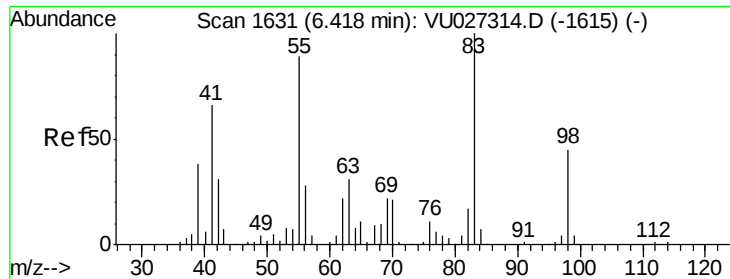
MMDadoda
10/3/2018 11:41:44 AM



#38
Carbon Tetrachloride
Concen: 20.084 ug/l
RT: 5.14 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Tgt Ion	117	Resp	39015
Ion Ratio	100	Lower	Upper
117	100		
119	95.5	74.5	111.7
121	30.4	24.6	37.0





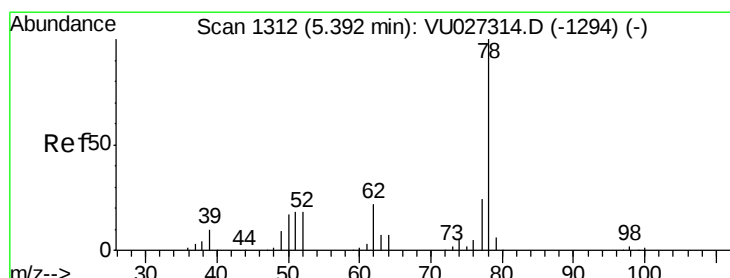
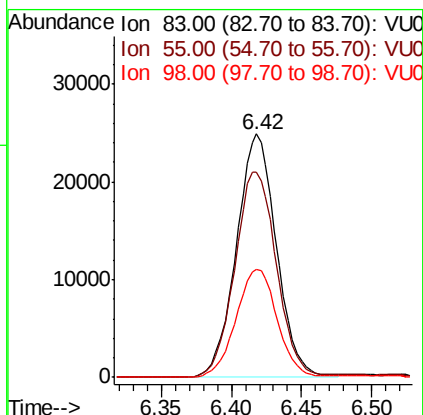
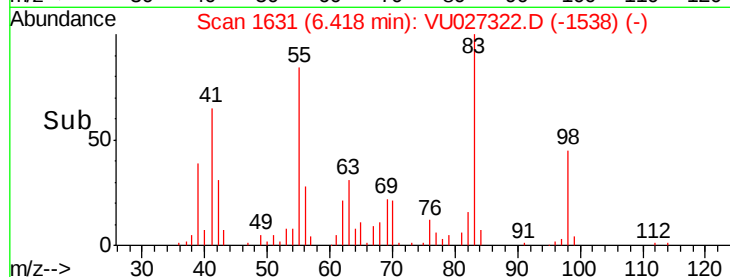
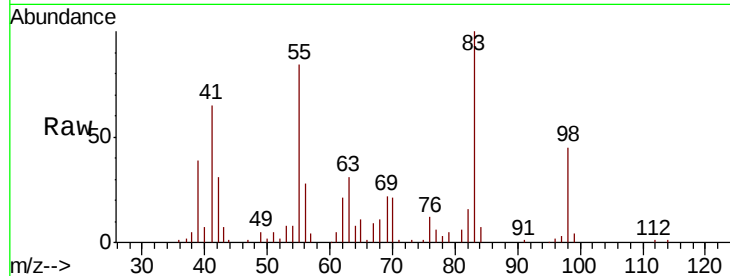
#39
Methylvlcyclohexane
Concen: 19.695 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Instrument :
MSVOA_U
ClientSampleId :
VU1001WBS01

Tot Ion	83.00	Resp	49509
Ion	Ratio	Lower	Upper
83	100		
55	84.0	71.1	106.7
98	44.5	36.3	54.5

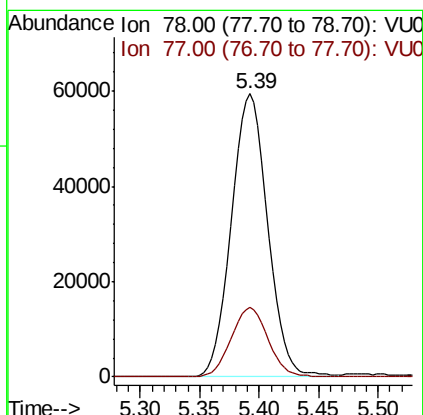
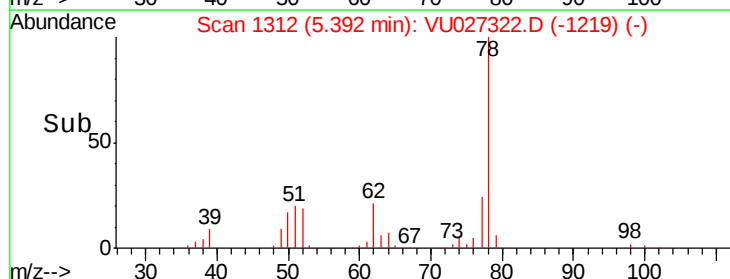
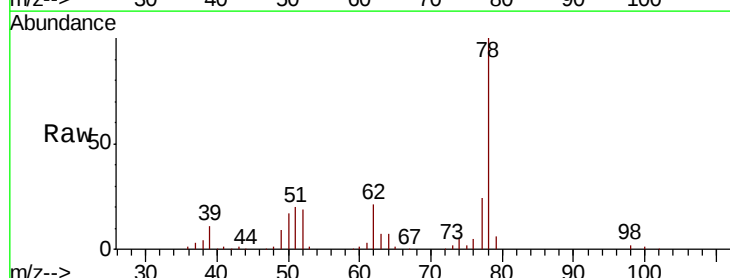
Manual Integrations
APPROVED

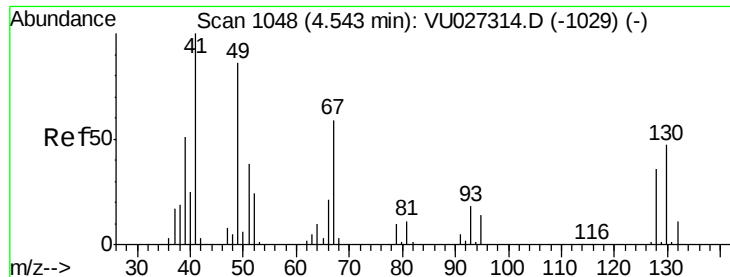
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#40
Benzene
Concen: 20.119 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Tgt Ion	78.00	Resp	126027
Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.3	28.9





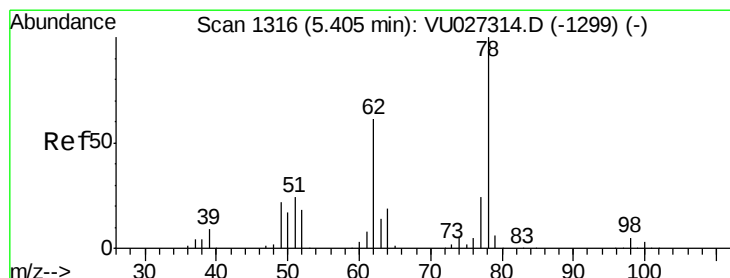
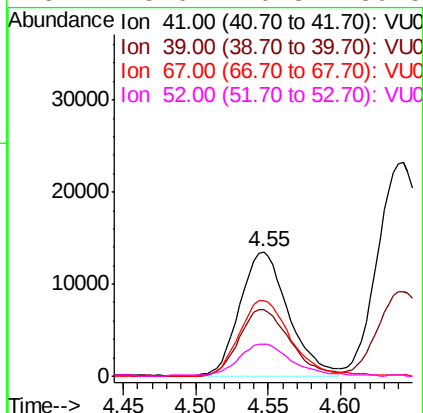
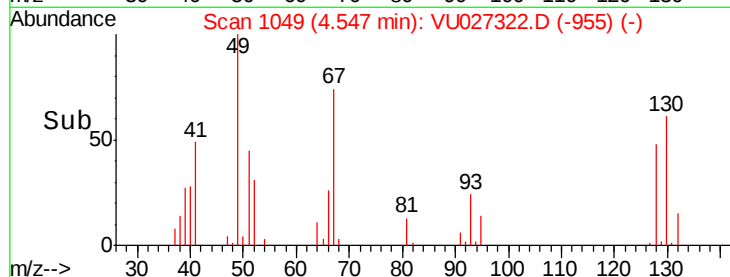
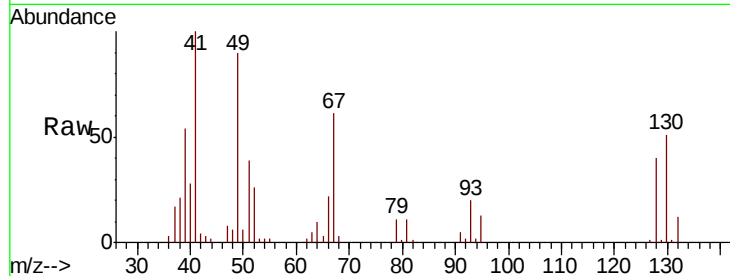
#41
Methacrylonitrile
Concen: 20.164 ug/l
RT: 4.55 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Instrument :
MSVOA_U
ClientSampleId :
VU1001WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.1	41.1	61.7	
67	64.3	50.4	75.6	
52	28.6	20.3	30.5	

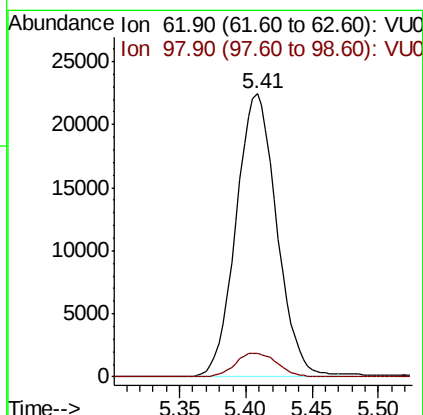
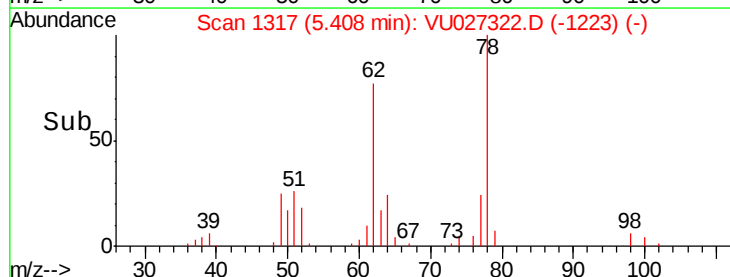
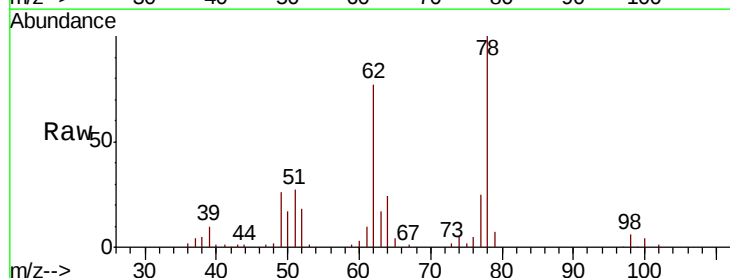
Manual Integrations
APPROVED

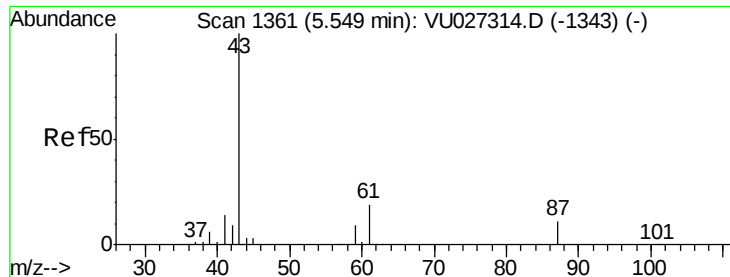
MMDadoda
10/3/2018 11:41:44 AM



#42
1,2-Dichloroethane
Concen: 20.630 ug/l
RT: 5.41 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.6	0.0	16.8	





#43

Isopropyl Acetate

Concen: 20.399 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

Instrument :

MSVOA_U

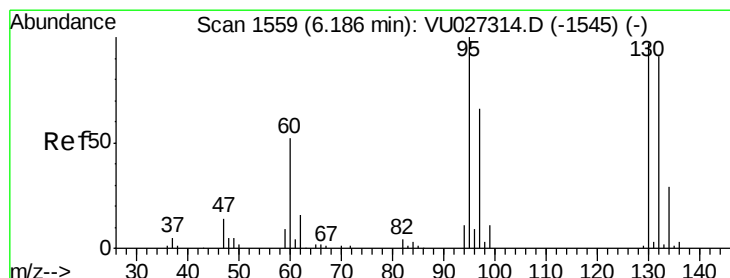
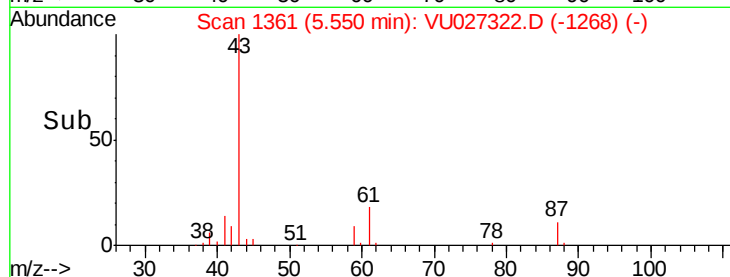
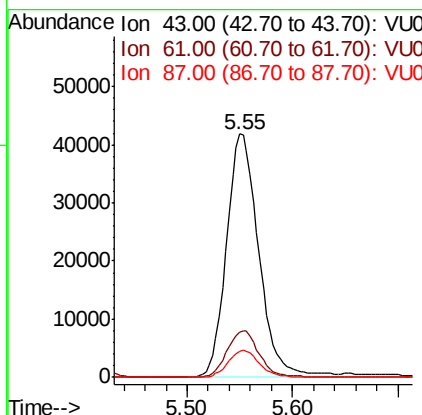
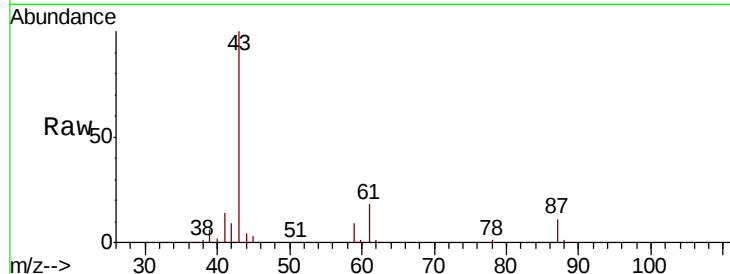
ClientSampleId :

VU1001WBS01

Tot Ion:	43	Resp:	88053
Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.3	22.9
87	10.8	8.6	13.0

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#44

Trichloroethene

Concen: 20.079 ug/l

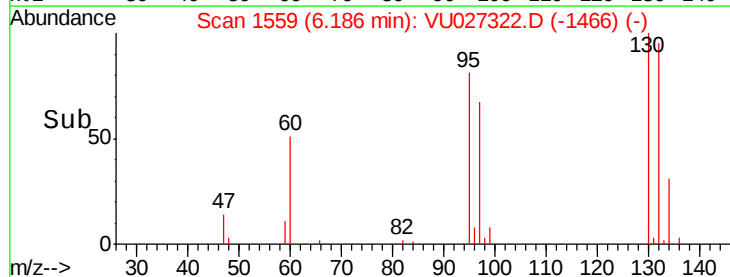
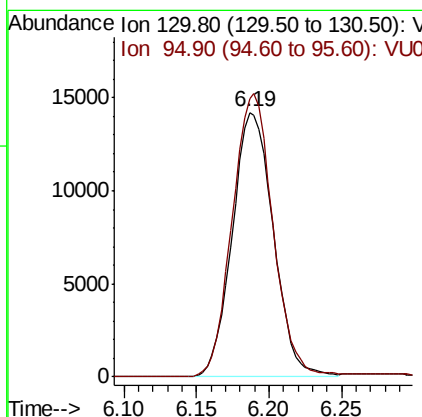
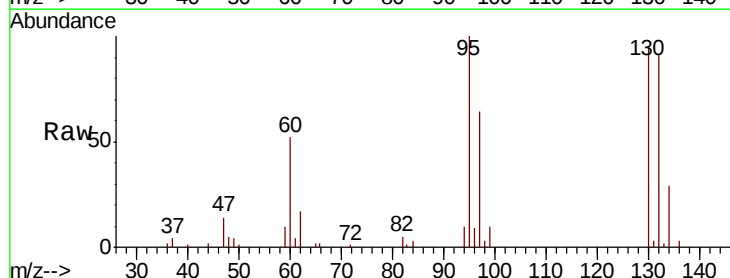
RT: 6.19 min Scan# 1559

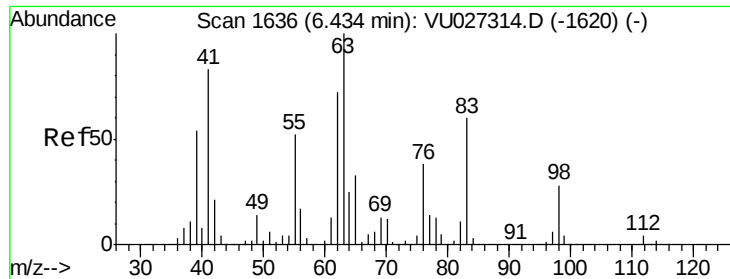
Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

Tgt Ion:	130	Resp:	28046
Ion	Ratio	Lower	Upper
130	100		
95	105.0	0.0	207.0





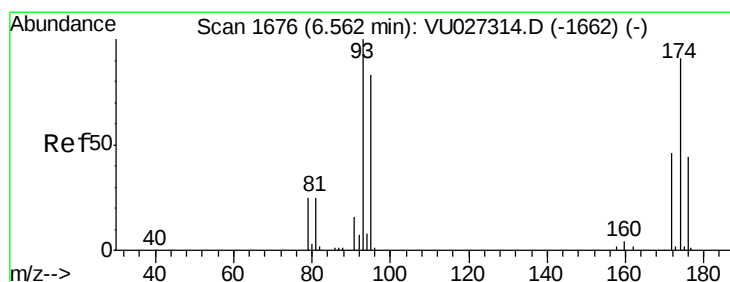
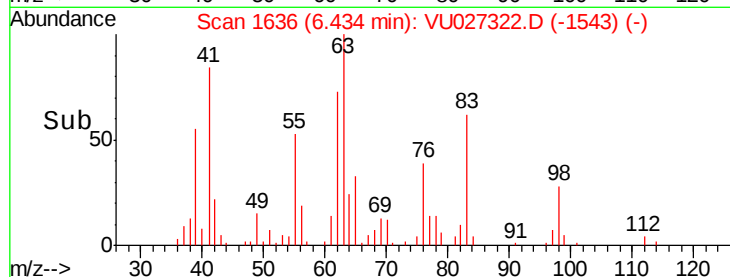
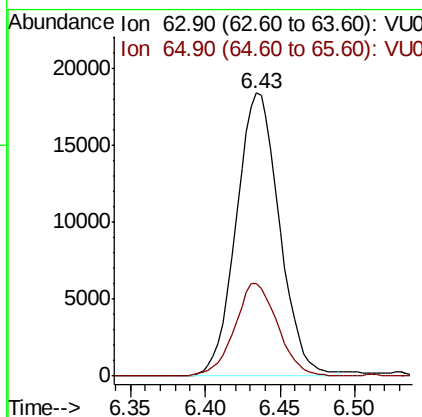
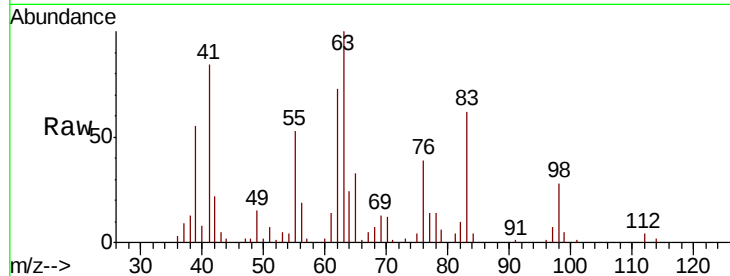
#45
 1,2-Dichloropropane
 Concen: 20.490 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VU027322.D
 Acq: 01 Oct 2018 16:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1001WBS01

Tot Ion: 63 Resp: 37021
 Ion Ratio Lower Upper
 63 100
 65 33.0 26.0 39.0

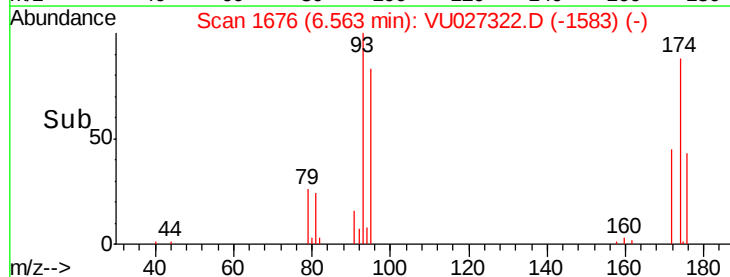
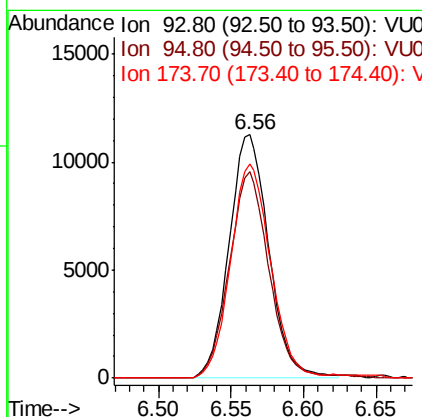
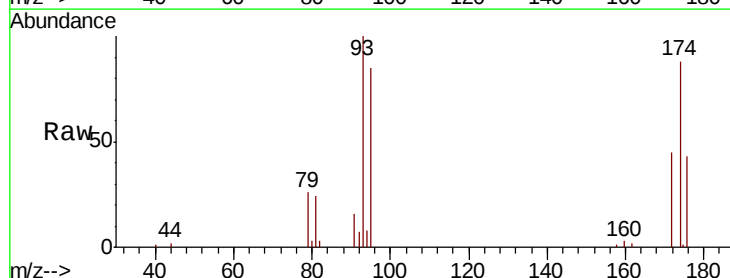
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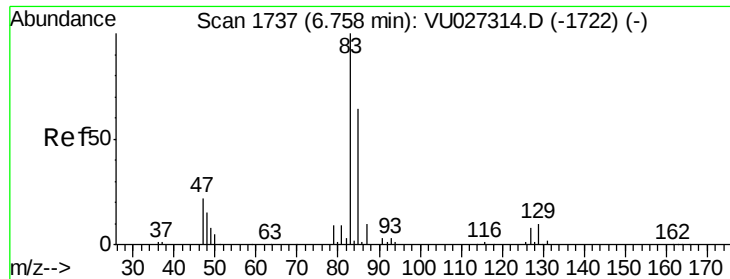
MMDadoda
 10/3/2018 11:41:44 AM



#46
 Dibromomethane
 Concen: 21.080 ug/l
 RT: 6.56 min Scan# 1676
 Delta R.T. 0.00 min
 Lab File: VU027322.D
 Acq: 01 Oct 2018 16:47

Tgt Ion: 93 Resp: 21511
 Ion Ratio Lower Upper
 93 100
 95 84.8 66.5 99.7
 174 88.2 72.5 108.7





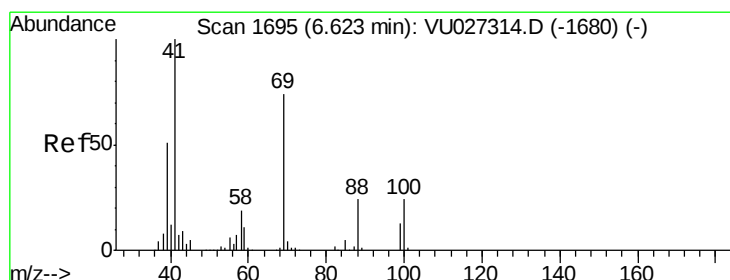
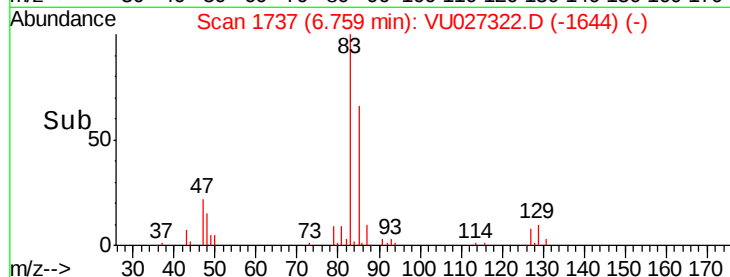
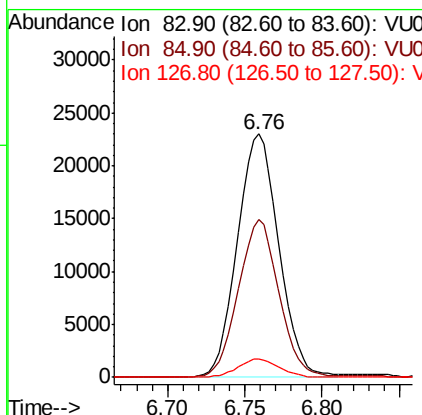
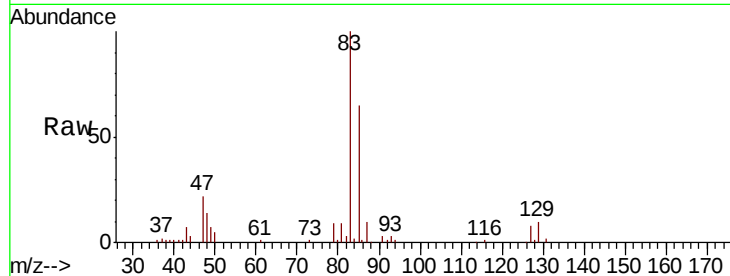
#47
Bromodichloromethane
Concen: 20.273 ug/l
RT: 6.76 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Instrument :
MSVOA_U
ClientSampleId :
VU1001WBS01

Tot Ion	83	Resp	42926
Ion Ratio	100	Lower	Upper
83	100		
85	64.9	51.4	77.0
127	7.5	6.3	9.5

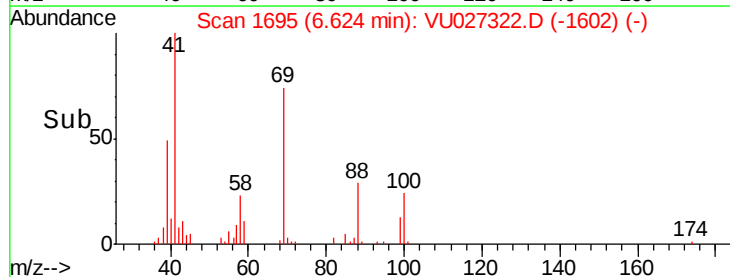
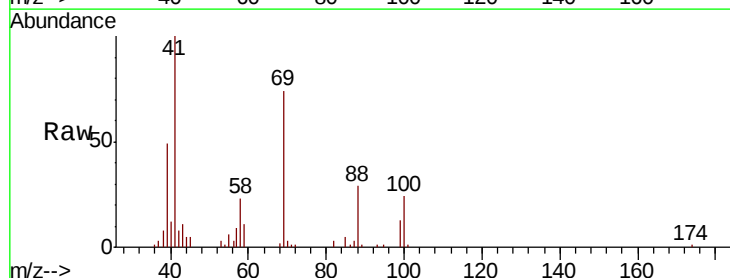
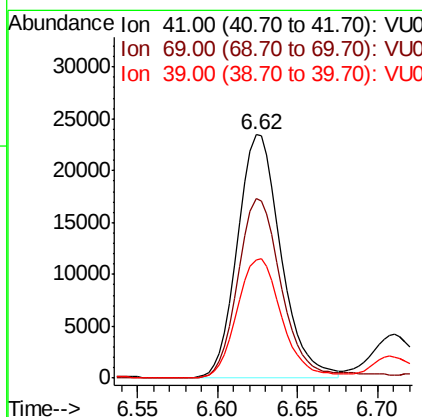
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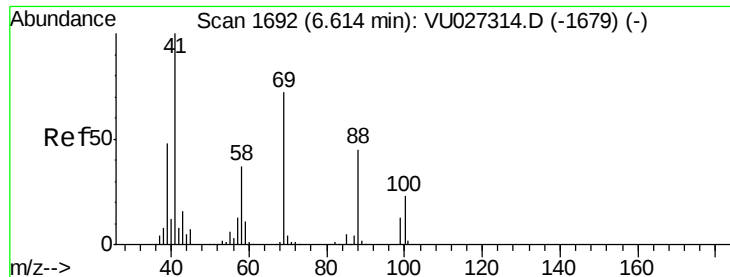
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#48
Methyl methacrylate
Concen: 20.342 ug/l
RT: 6.62 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Tgt Ion	41	Resp	43664
Ion Ratio	100	Lower	Upper
41	100		
69	74.5	61.0	91.4
39	50.5	39.9	59.9





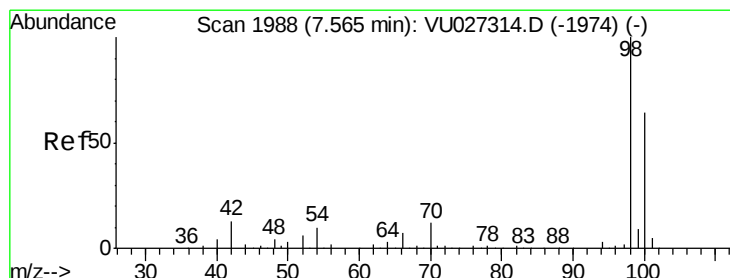
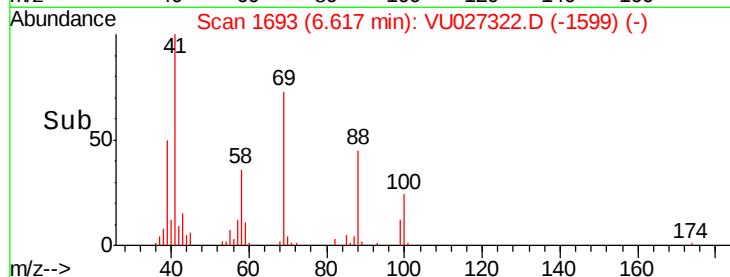
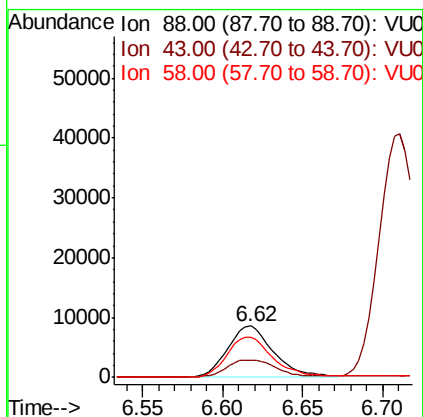
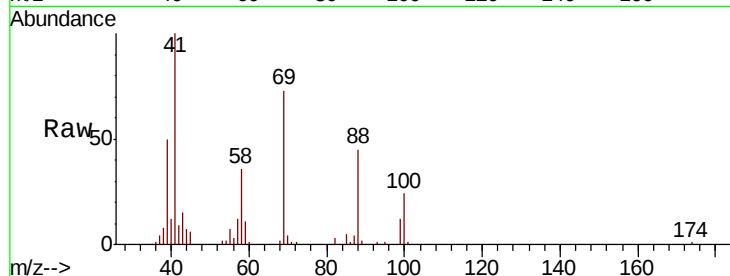
#49
1,4-Dioxane
Concen: 455.447 ug/l
RT: 6.62 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Instrument :
MSVOA_U
ClientSampleId :
VU1001WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.8	30.8	46.2
58	80.9	67.0	100.6

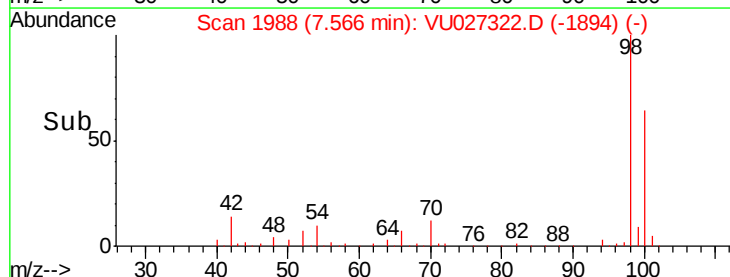
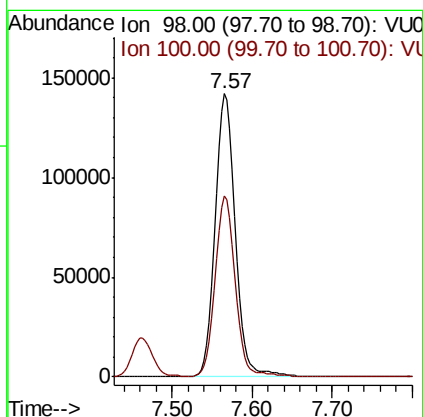
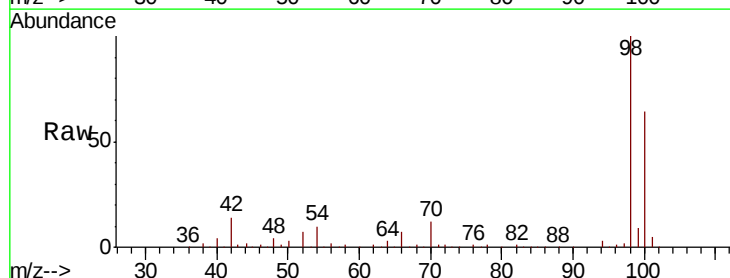
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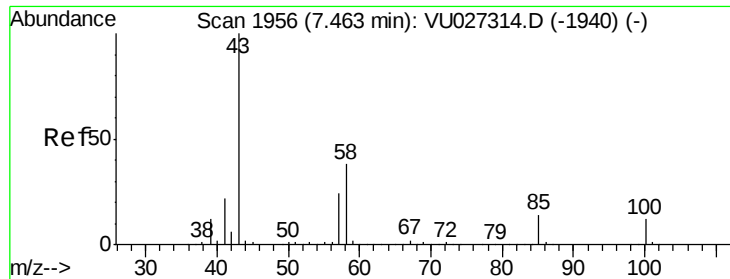
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#50
Toluene-d8
Concen: 49.296 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 104.398 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

Instrument :

MSVOA_U

ClientSampleId :

VU1001WBS01

Tot Ion: 43 Resp: 292828

Ion Ratio Lower Upper

43 100

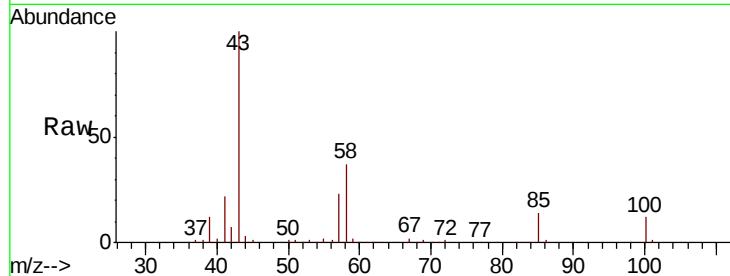
58 37.1 29.8 44.8

Manual Integrations

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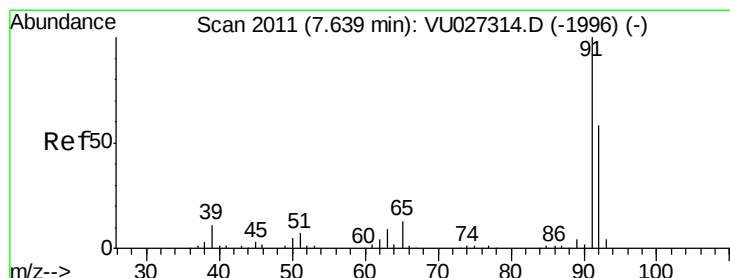
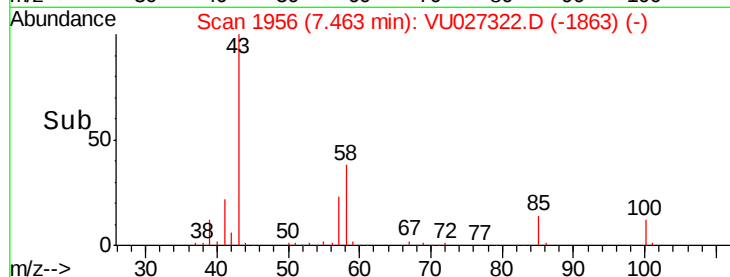
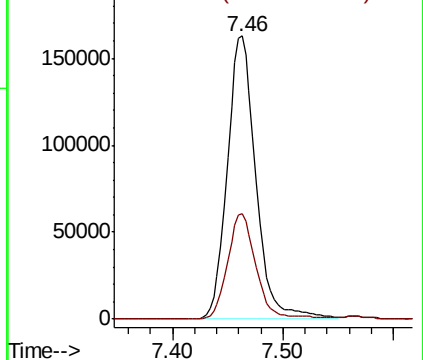
MMDadoda

10/3/2018 11:41:44 AM



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#52

Toluene

Concen: 20.547 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027322.D

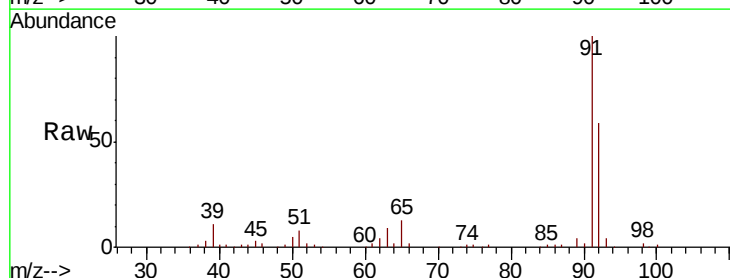
Acq: 01 Oct 2018 16:47

Tgt Ion: 92 Resp: 76183

Ion Ratio Lower Upper

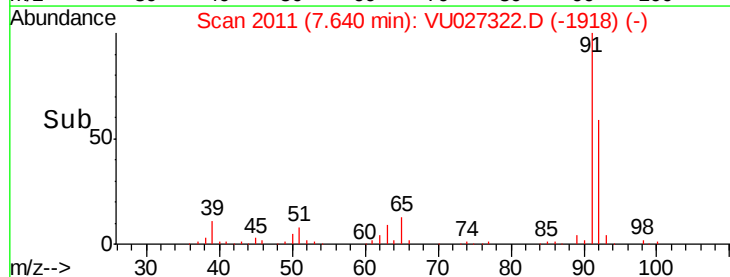
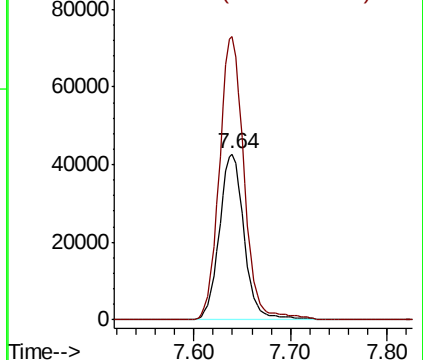
92 100

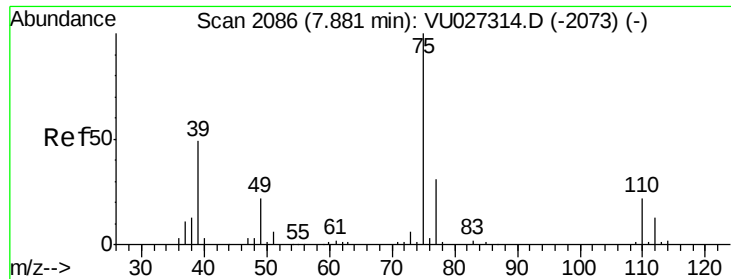
91 170.0 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0





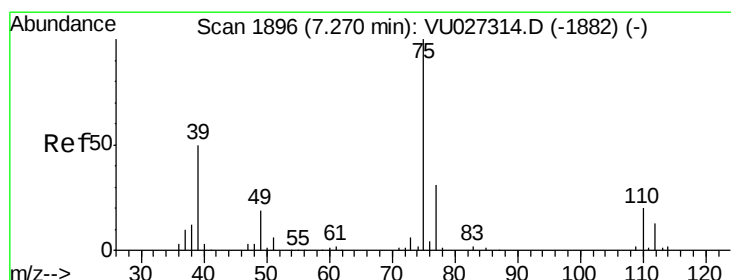
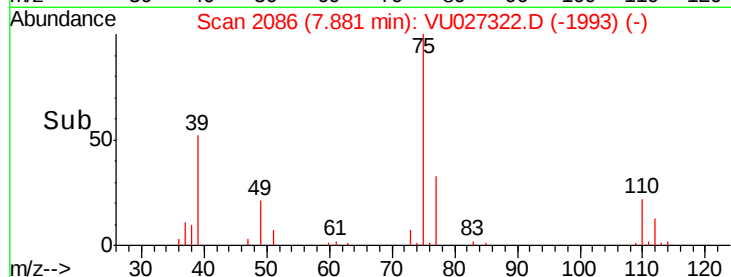
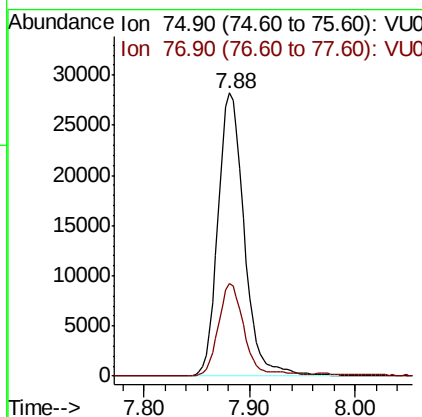
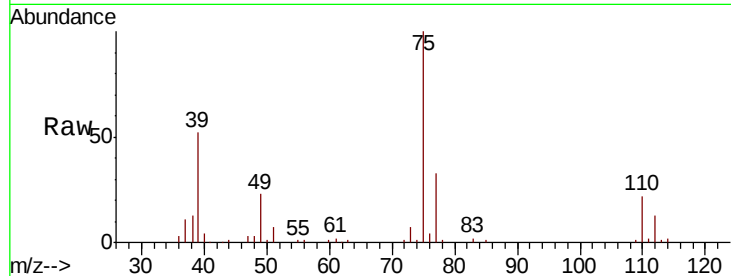
#53
t-1,3-Dichloropropene
Concen: 19.649 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Instrument :
MSVOA_U
ClientSampleId :
VU1001WBS01

Tot Ion: 75 Resp: 48781
Ion Ratio Lower Upper
75 100
77 32.8 25.0 37.6

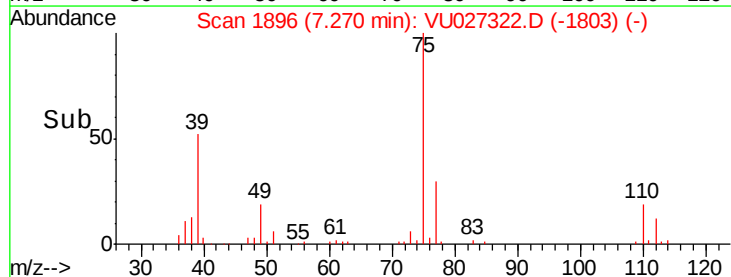
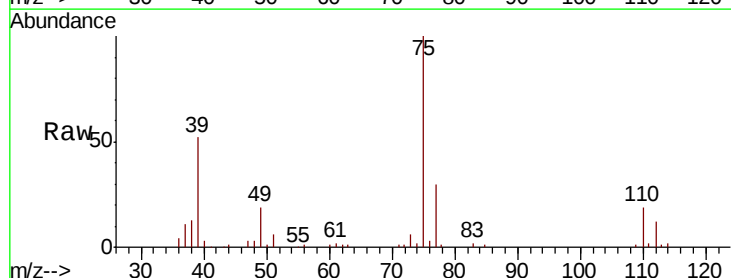
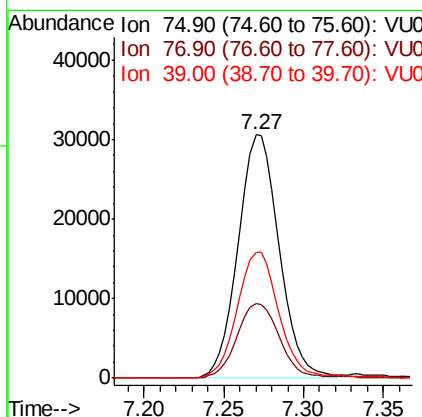
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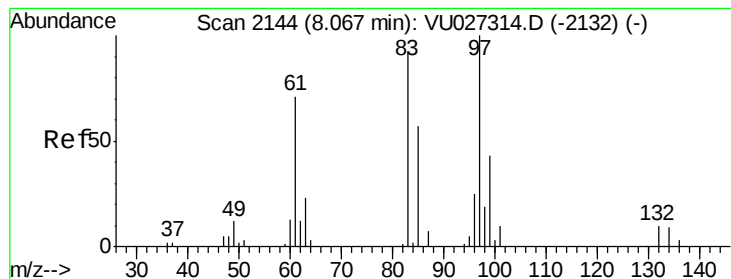
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#54
cis-1,3-Dichloropropene
Concen: 20.094 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Tgt Ion: 75 Resp: 53627
Ion Ratio Lower Upper
75 100
77 30.5 24.5 36.7
39 51.9 40.1 60.1





#55

1,1,2-Trichloroethane

Concen: 20.672 ug/l

RT: 8.07 min Scan# 2144

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

Instrument :

MSVOA_U

ClientSampleId :

VU1001WBS01

Tot Ion: 97 Resp: 30389

Ion Ratio Lower Upper

97 100

83 87.8 73.0 109.6

85 56.2 47.3 70.9

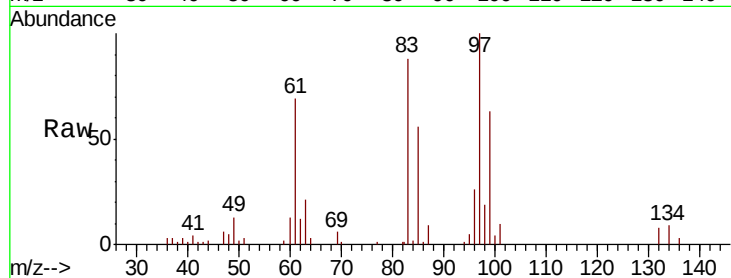
99 62.6 49.7 74.5

Manual Integrations

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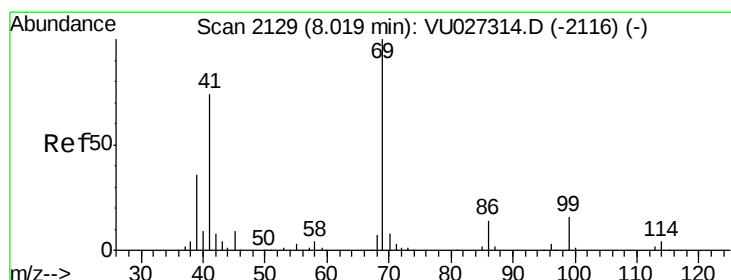
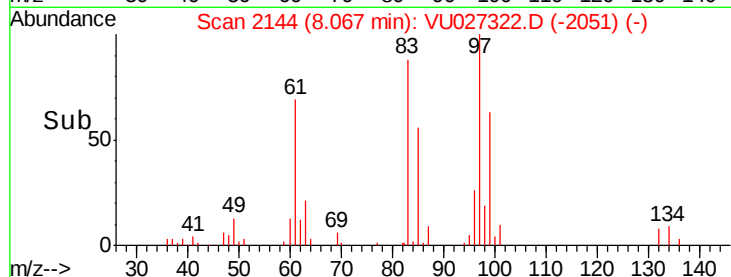
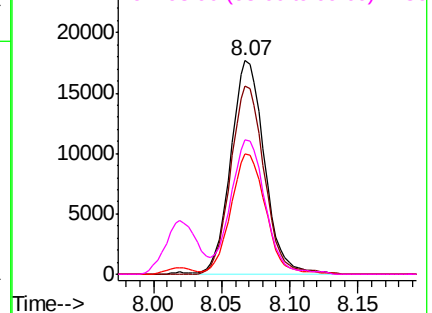


Abundance Ion 96.90 (96.60 to 97.60): VU027314.D (-2132) (-)

Ion 82.90 (82.60 to 83.60): VU027314.D (-2132) (-)

Ion 84.90 (84.60 to 85.60): VU027314.D (-2132) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-2132) (-)



#56

Ethyl methacrylate

Concen: 19.243 ug/l

RT: 8.02 min Scan# 2129

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

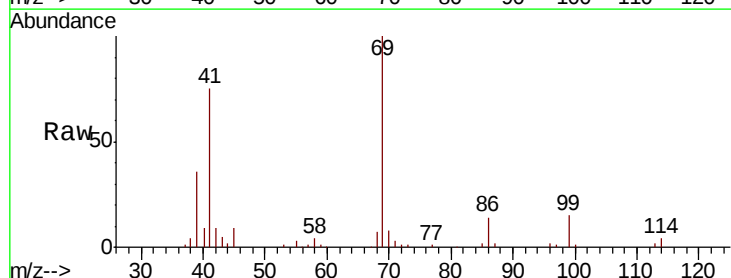
Tgt Ion: 69 Resp: 50051

Ion Ratio Lower Upper

69 100

41 76.1 60.0 90.0

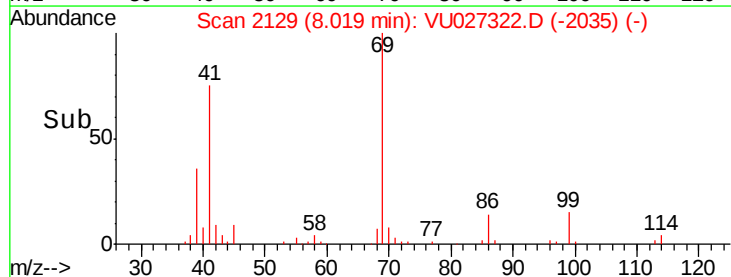
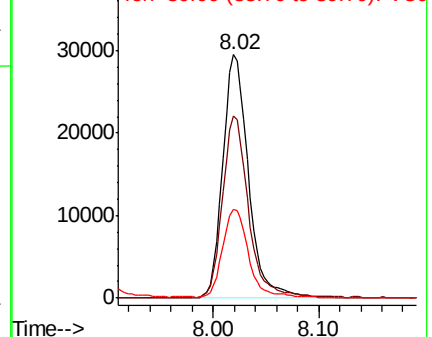
39 37.4 29.5 44.3

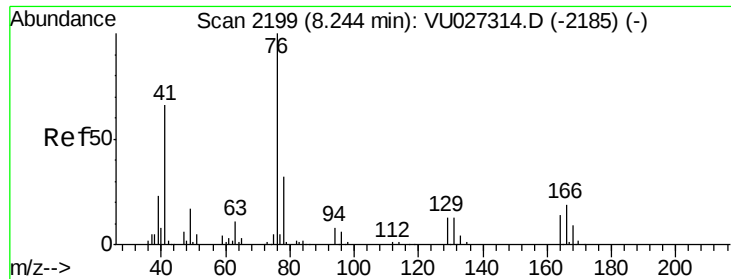


Abundance Ion 69.00 (68.70 to 69.70): VU027314.D (-2116) (-)

Ion 41.00 (40.70 to 41.70): VU027314.D (-2116) (-)

Ion 39.00 (38.70 to 39.70): VU027314.D (-2116) (-)





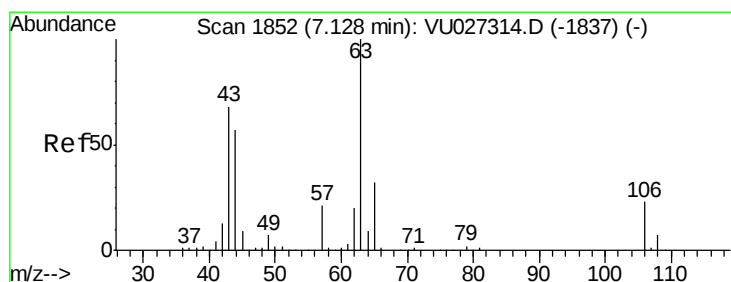
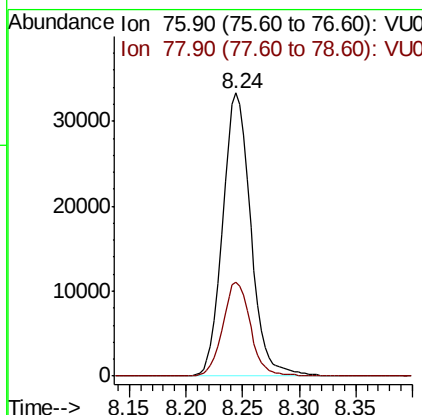
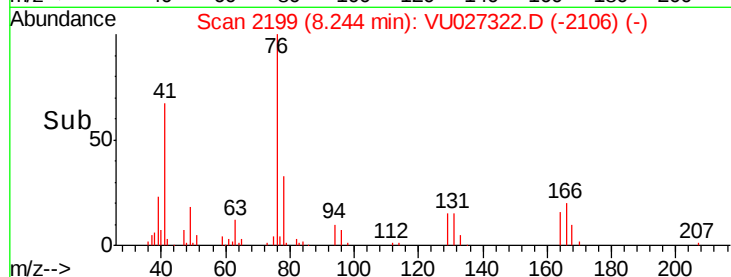
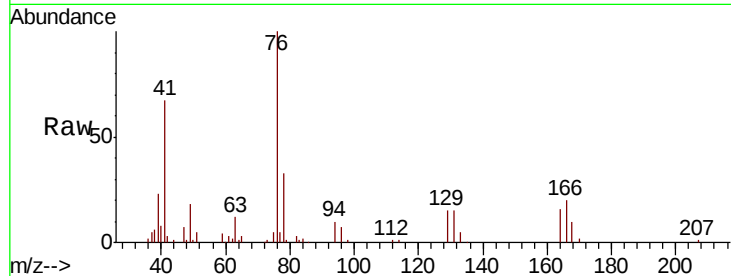
#57
 1,3-Dichloropropane
 Concen: 20.197 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU027322.D
 Acq: 01 Oct 2018 16:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1001WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.8	38.6

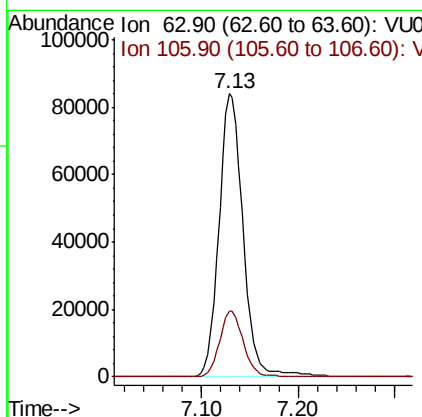
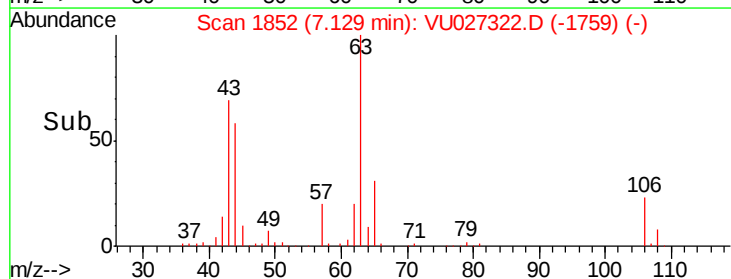
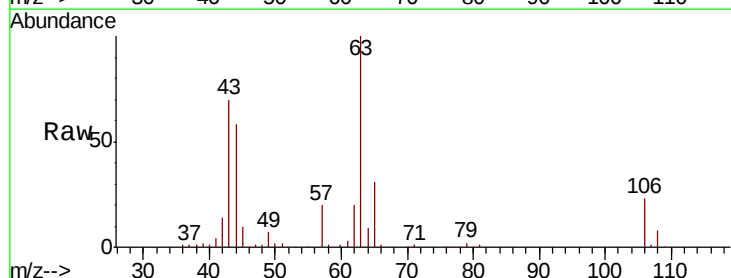
Manual Integrations
 APPROVED

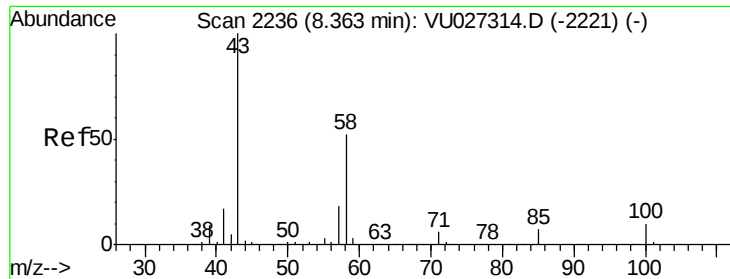
MMDadoda
 10/3/2018 11:41:44 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.883 ug/l
 RT: 7.13 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VU027322.D
 Acq: 01 Oct 2018 16:47

Tgt Ion	Ratio	Lower	Upper
63	100		
106	23.2	18.5	27.7





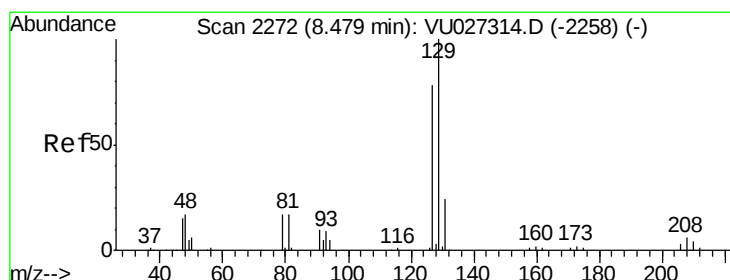
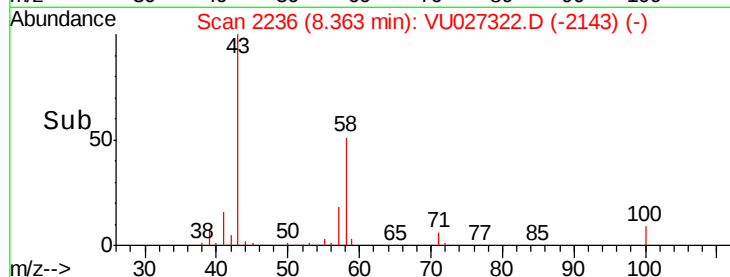
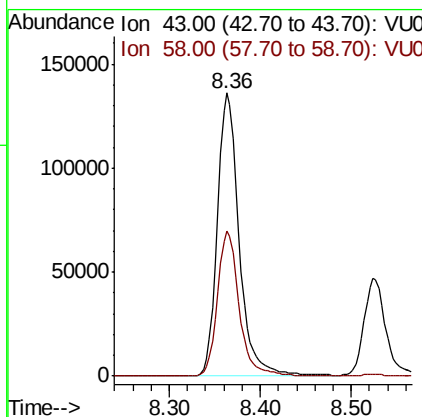
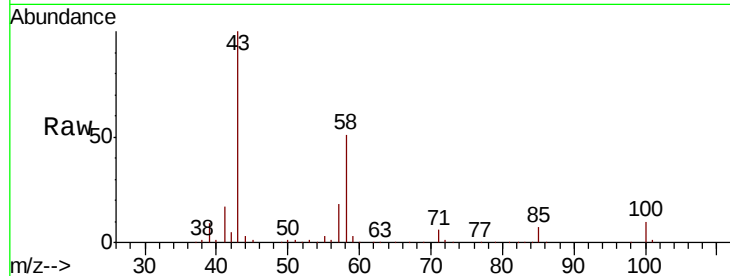
#59
2-Hexanone
Concen: 104.348 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Instrument :
MSVOA_U
ClientSampleId :
VU1001WBS01

Tot Ion: 43 Resp: 227044
Ion Ratio Lower Upper
43 100
58 51.0 26.1 78.3

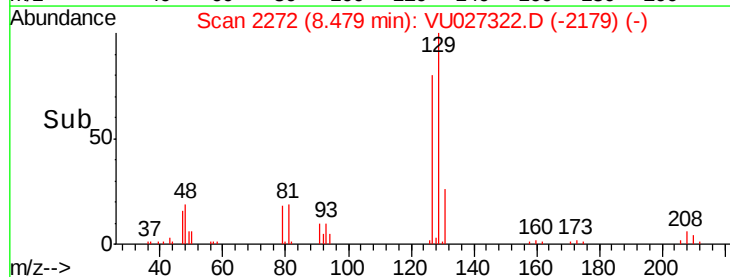
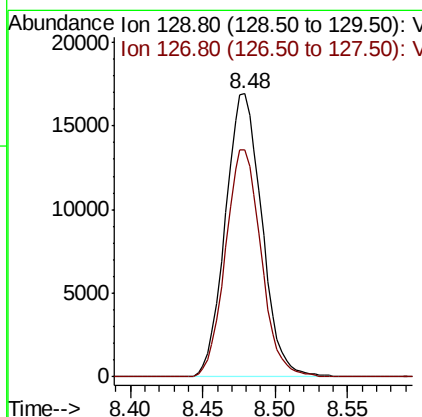
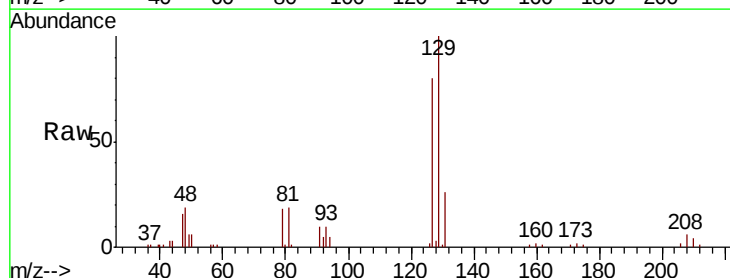
Manual Integrations
APPROVED

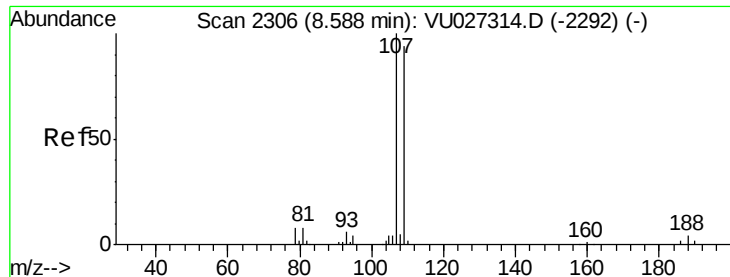
MMDadoda
10/3/2018 11:41:44 AM



#60
Dibromochloromethane
Concen: 20.017 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Tgt Ion: 129 Resp: 29512
Ion Ratio Lower Upper
129 100
127 78.2 39.1 117.2





#61

1,2-Dibromoethane

Concen: 20.245 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

Instrument :

MSVOA_U

ClientSampleId :

VU1001WBS01

Tot Ion:107 Resp: 31642

Ion Ratio Lower Upper

107 100

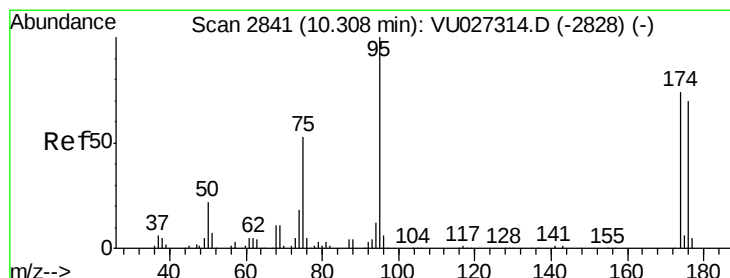
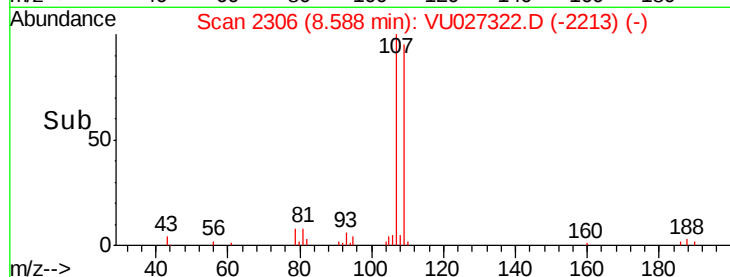
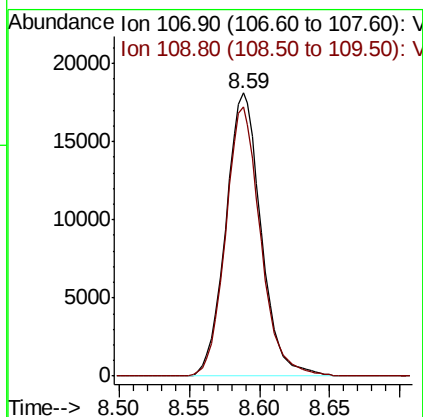
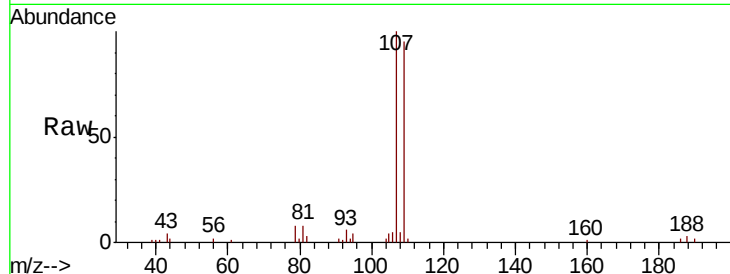
109 94.1 74.5 111.7

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#62

4-Bromofluorobenzene

Concen: 45.980 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

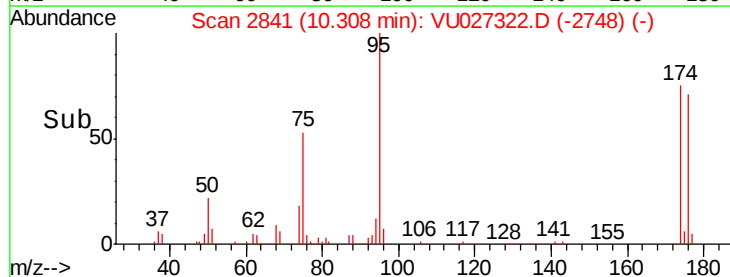
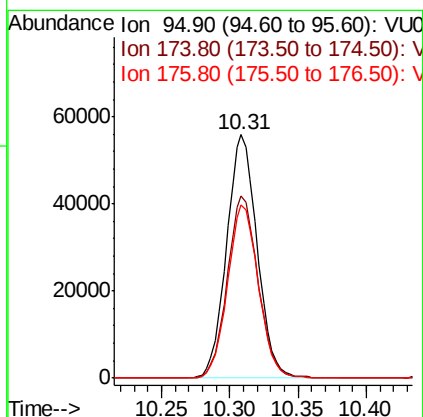
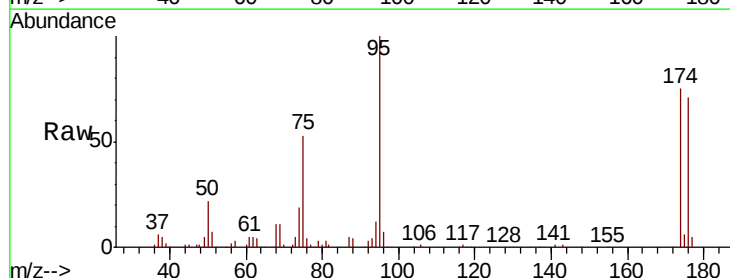
Tgt Ion: 95 Resp: 86809

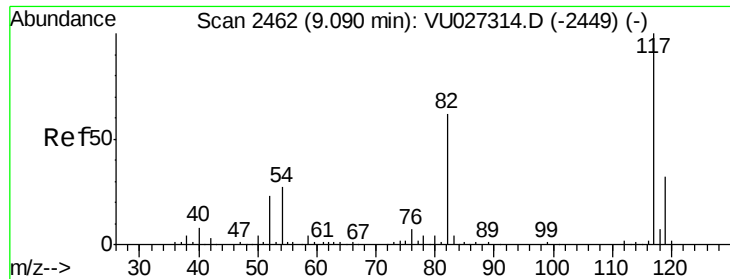
Ion Ratio Lower Upper

95 100

174 75.5 0.0 147.8

176 71.8 0.0 140.8





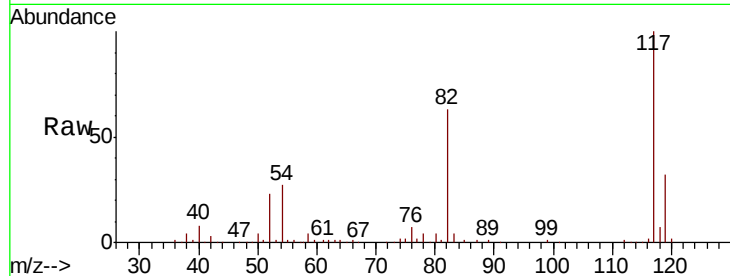
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Instrument :
MSVOA_U
ClientSampleId :
VU1001WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.6	49.2	73.8
119	32.2	25.7	38.5

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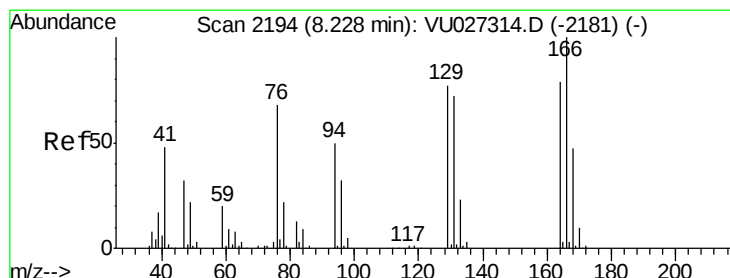
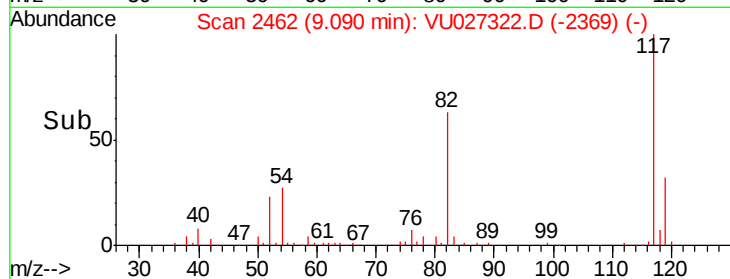
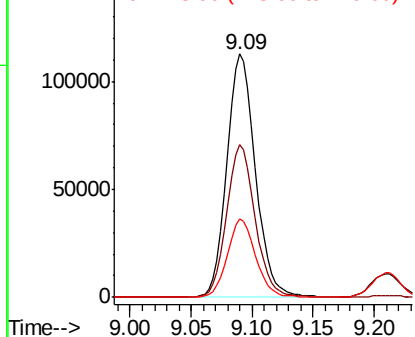


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 20.371 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.1	101.0	151.6
129	94.1	78.0	117.0
131	95.3	72.6	109.0

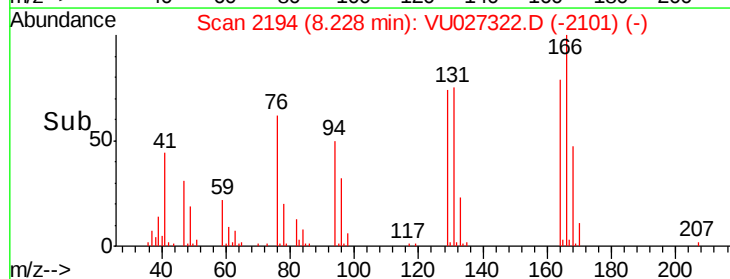
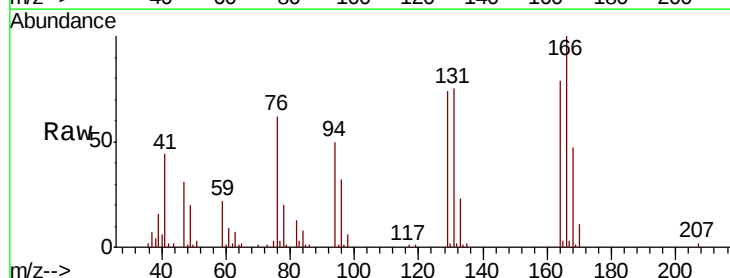
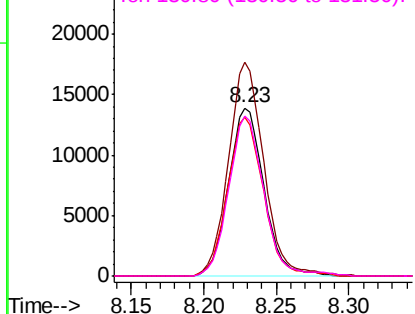
Abundance

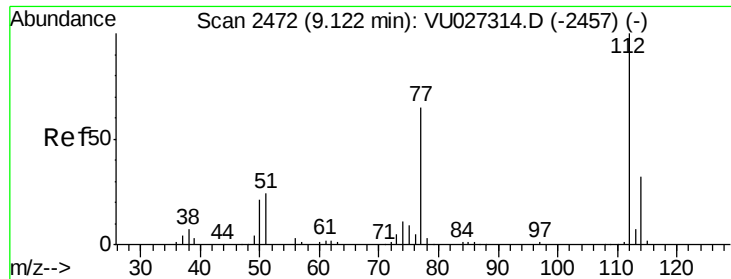
Ion 163.80 (163.50 to 164.50): V

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





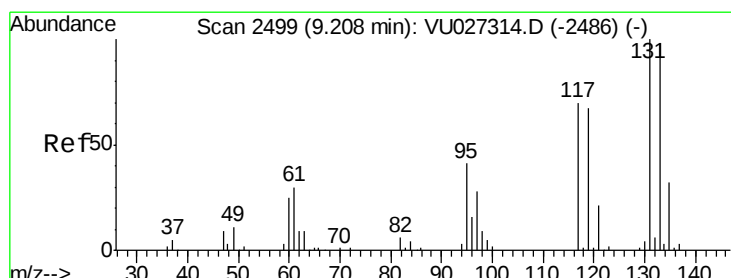
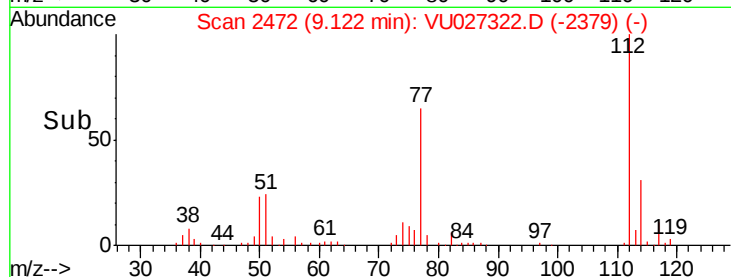
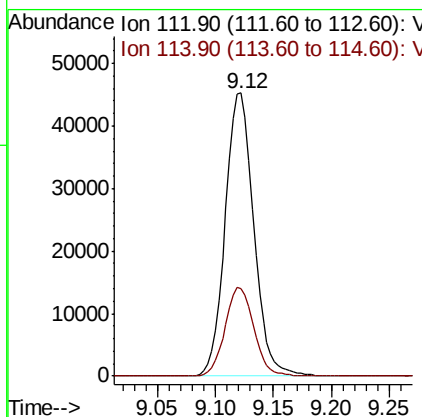
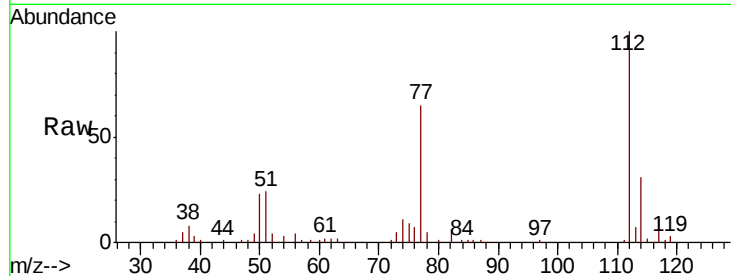
#65
Chlorobenzene
Concen: 19.801 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Instrument :
MSVOA_U
ClientSampleId :
VU1001WBS01

Tot Ion:112 Resp: 77464
Ion Ratio Lower Upper
112 100
114 31.2 25.8 38.6

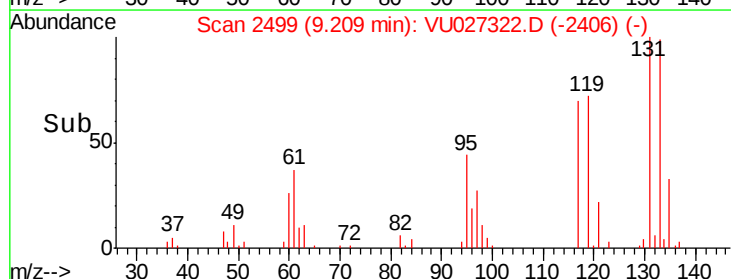
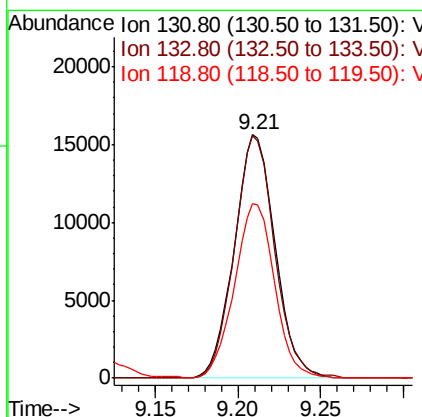
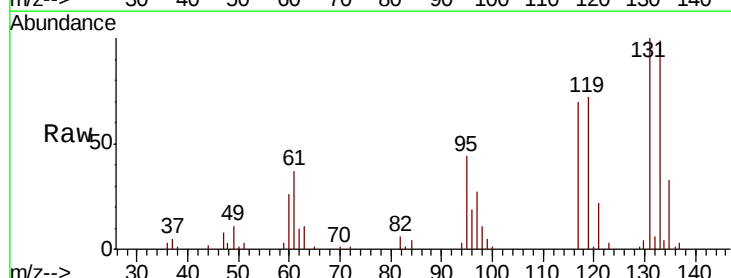
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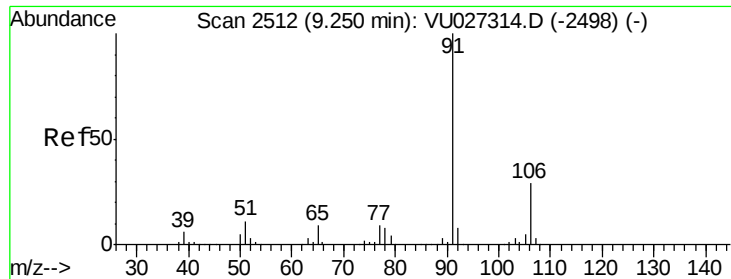
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.852 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Tgt Ion:131 Resp: 26811
Ion Ratio Lower Upper
131 100
133 98.0 48.5 145.6
119 70.3 33.5 100.4





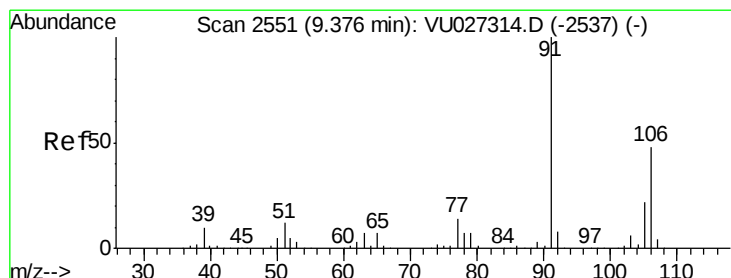
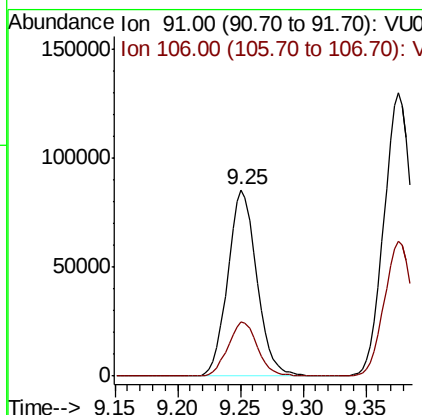
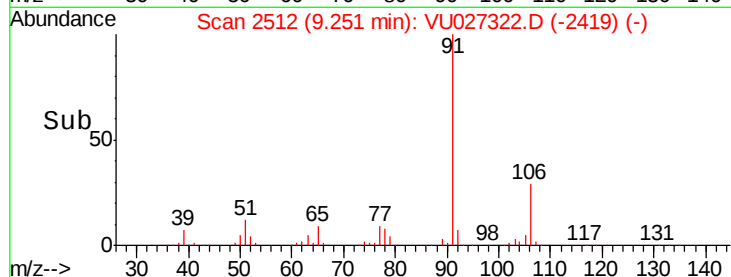
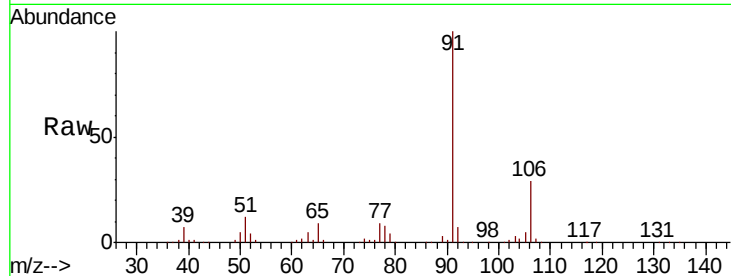
#67
Ethyl Benzene
Concen: 19.824 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Instrument :
MSVOA_U
ClientSampleId :
VU1001WBS01

Tot Ion: 91 Resp: 137404
Ion Ratio Lower Upper
91 100
106 29.0 23.6 35.4

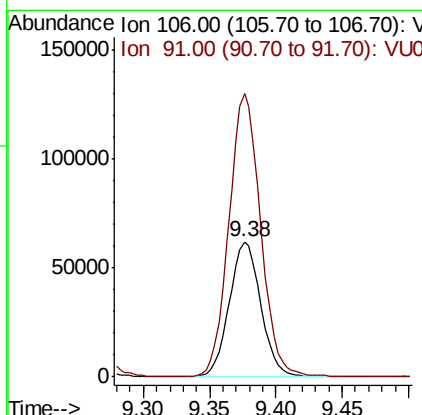
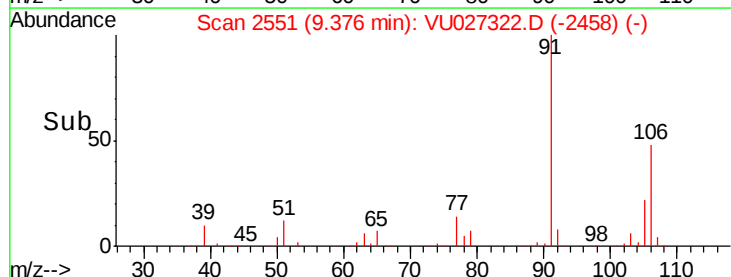
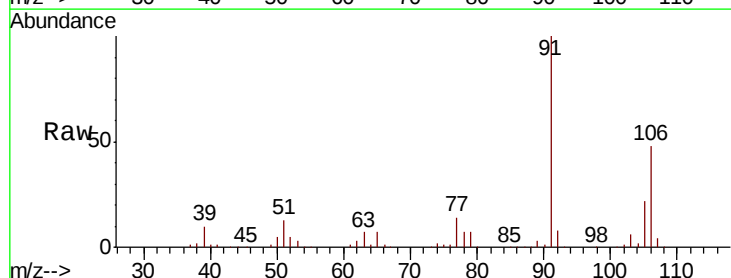
Manual Integrations
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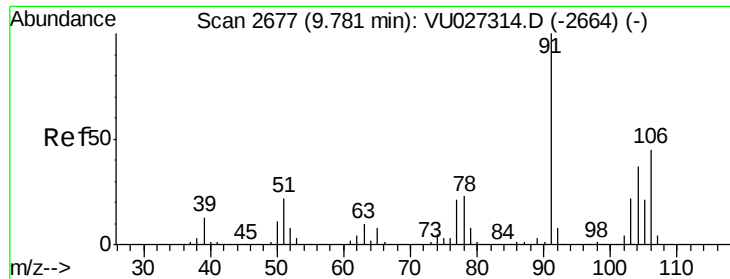
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10/3/2018 11:41:44 AM



#68
m/p-Xylenes
Concen: 40.532 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Tgt Ion: 106 Resp: 102763
Ion Ratio Lower Upper
106 100
91 209.5 168.1 252.1





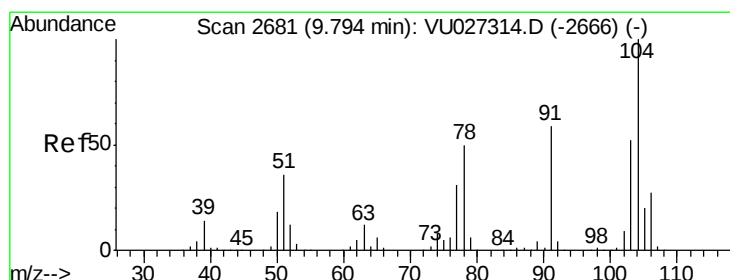
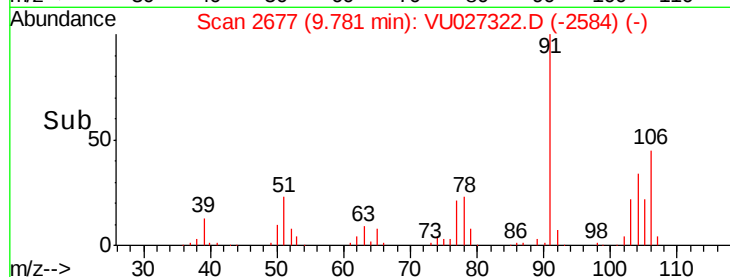
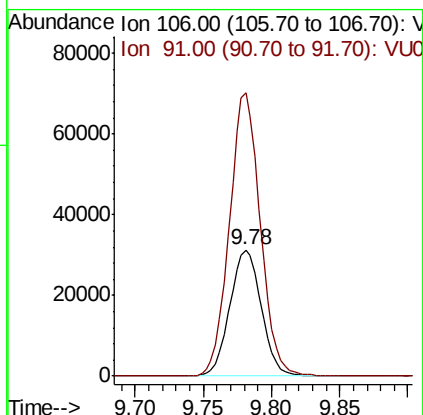
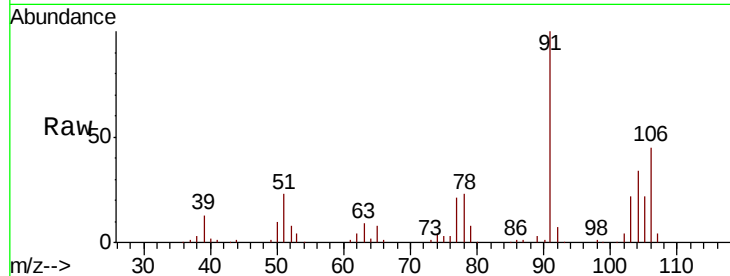
#69
o-Xylene
Concen: 20.843 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Instrument :
MSVOA_U
ClientSampleId :
VU1001WBS01

Tot Ion:106 Resp: 50219
Ion Ratio Lower Upper
106 100
91 219.8 111.7 334.9

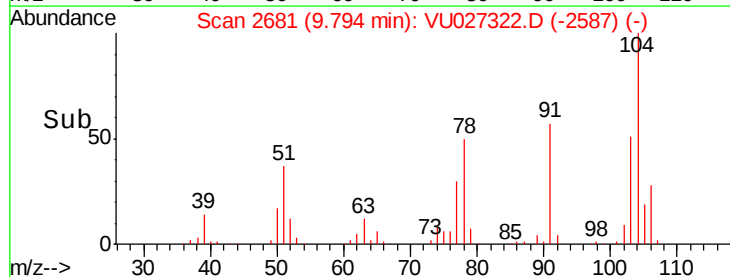
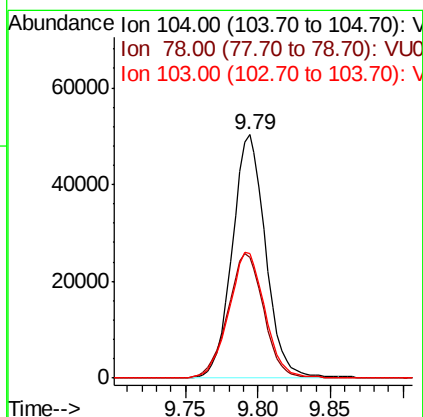
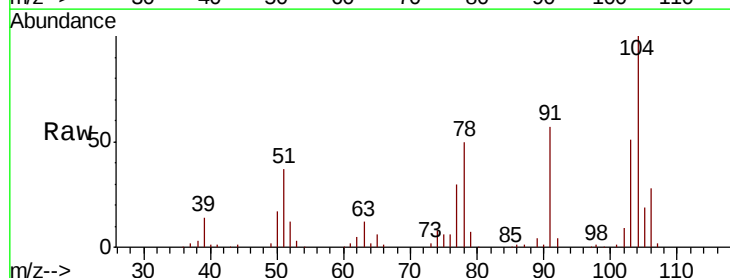
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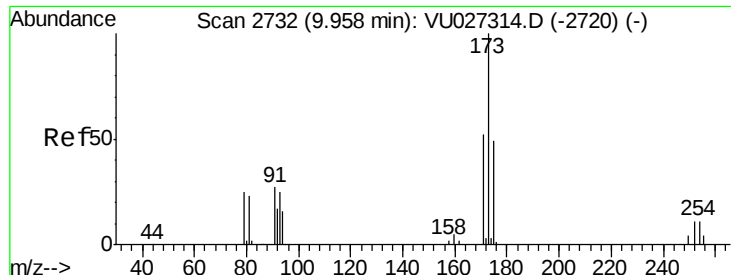
MMDadoda
10/3/2018 11:41:44 AM



#70
Styrene
Concen: 19.277 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Tgt Ion:104 Resp: 80149
Ion Ratio Lower Upper
104 100
78 55.3 42.9 64.3
103 56.0 43.9 65.9





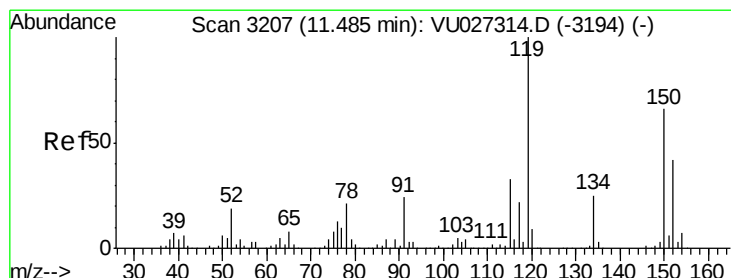
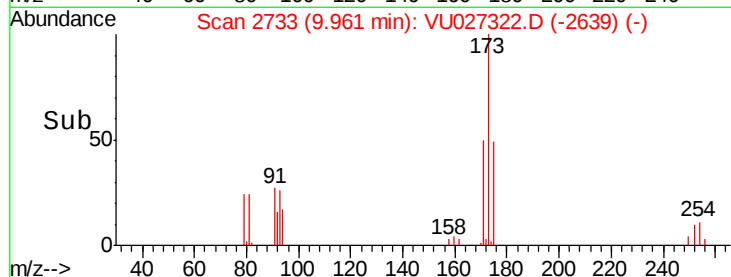
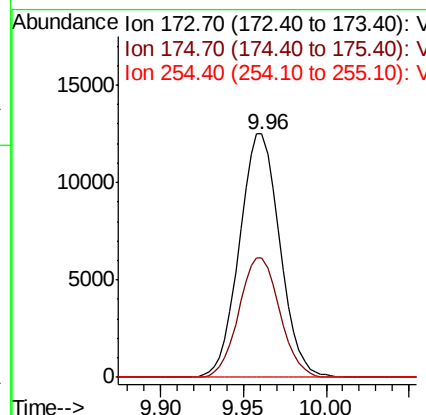
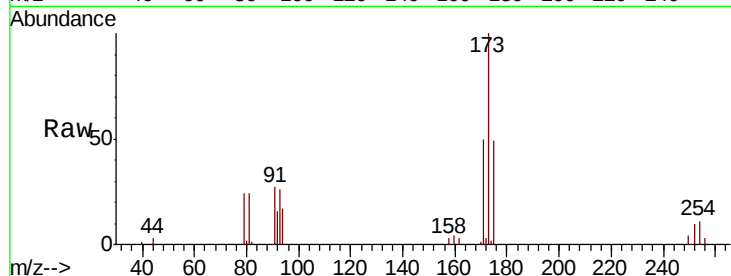
#71
Bromoform
Concen: 19.529 ug/l
RT: 9.96 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Instrument :
MSVOA_U
ClientSampleId :
VU1001WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.3	73.0
254	0.0	0.0	0.0

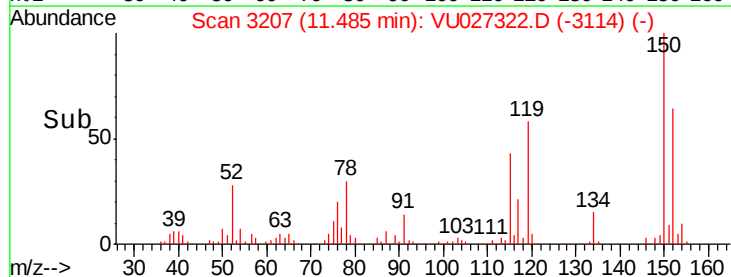
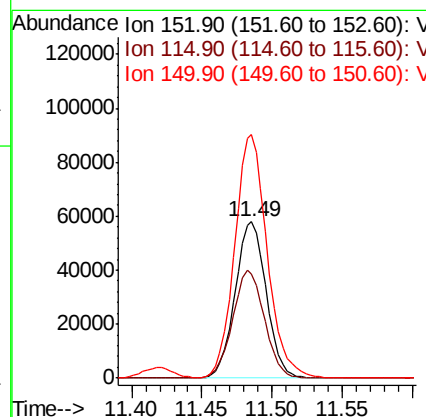
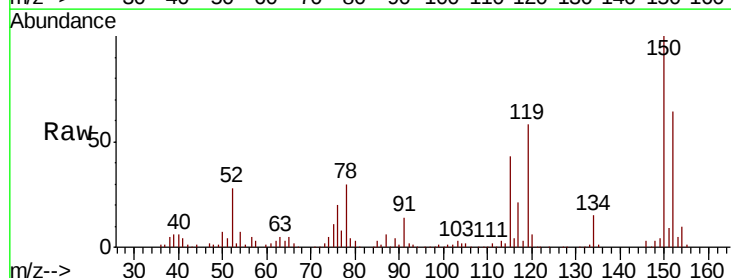
Manual Integrations
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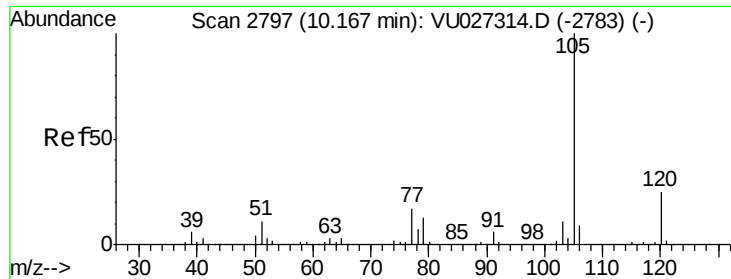
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	70.8	43.4	130.2
150	162.7	0.0	349.2





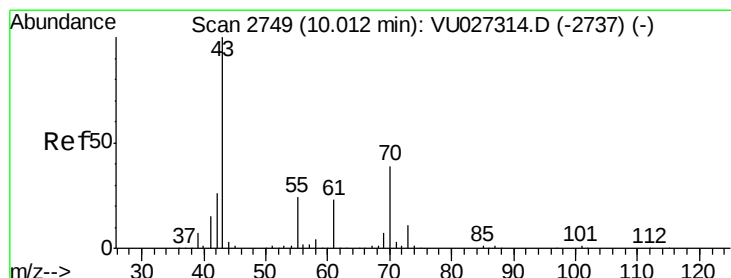
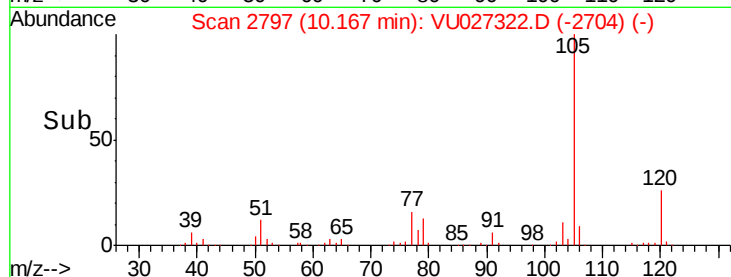
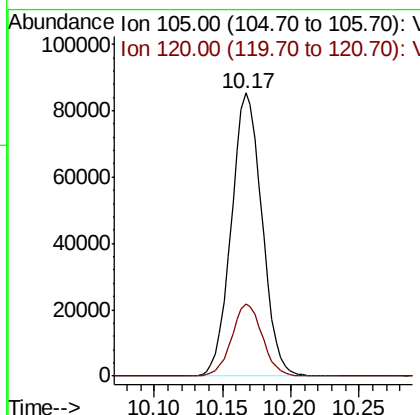
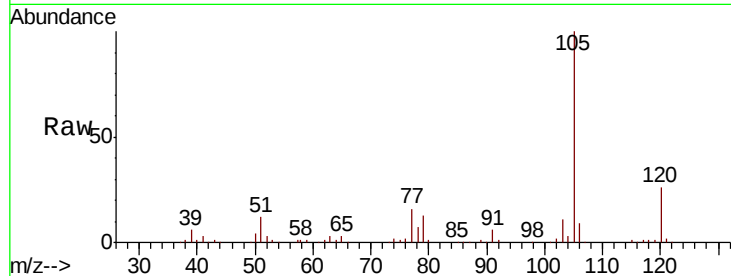
#73
Isopropylbenzene
Concen: 20.540 ug/l
RT: 10.17 min Scan# 2797
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Instrument :
MSVOA_U
ClientSampleId :
VU1001WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.5	12.6	37.8

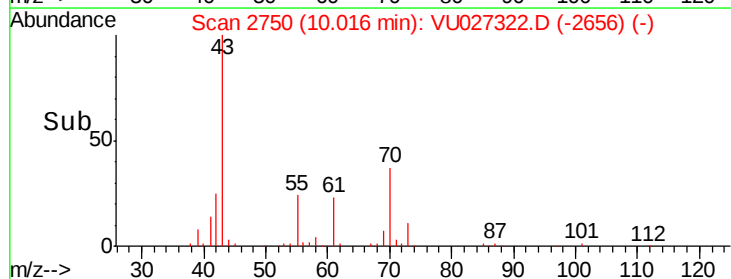
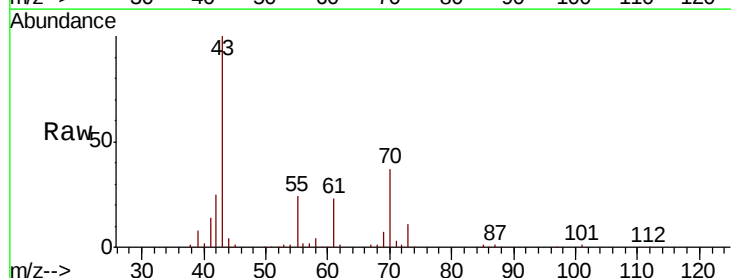
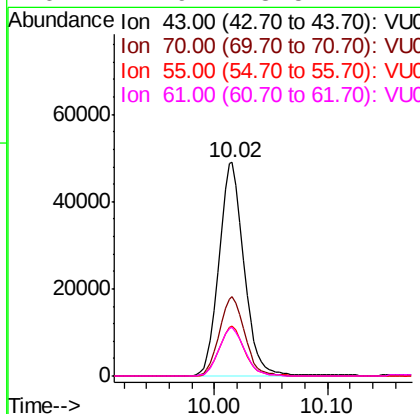
Manual Integrations
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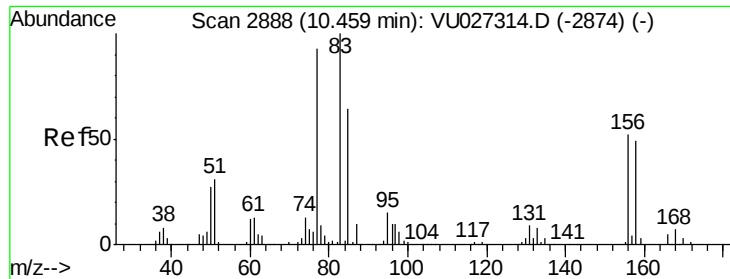
MMDadoda
10/3/2018 11:41:44 AM



#74
N-ethyl acetate
Concen: 20.321 ug/l
RT: 10.02 min Scan# 2750
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Tgt Ion	Ratio	Lower	Upper
43	100		
70	37.5	31.3	46.9
55	23.6	19.0	28.6
61	22.9	18.5	27.7





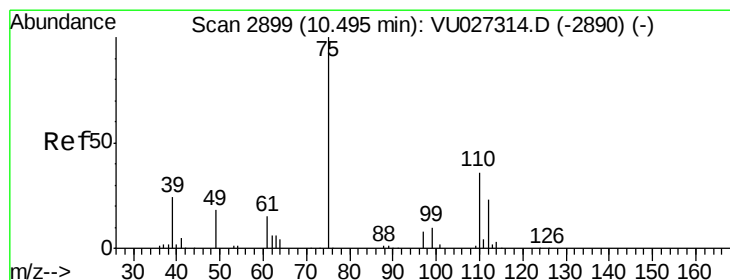
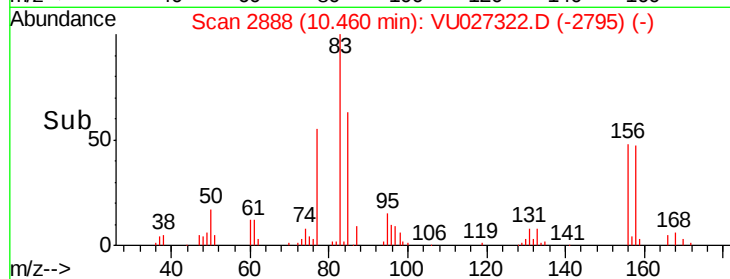
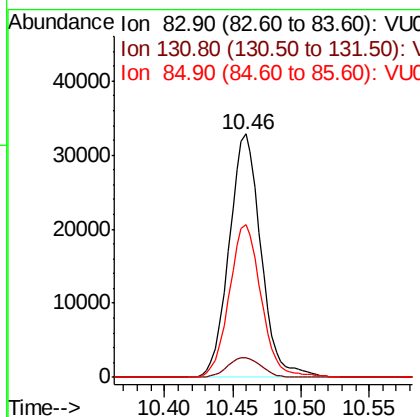
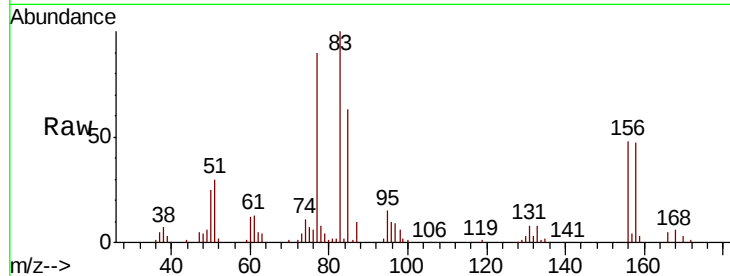
#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.934 ug/l
 RT: 10.46 min Scan# 2888
 Delta R.T. 0.00 min
 Lab File: VU027322.D
 Acq: 01 Oct 2018 16:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1001WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	53336		
131	8.4		4.4	13.2
85	63.0		32.0	96.0

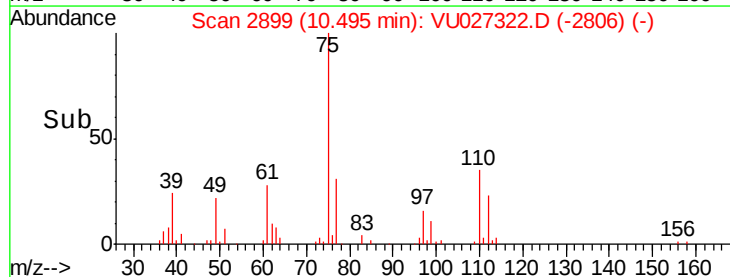
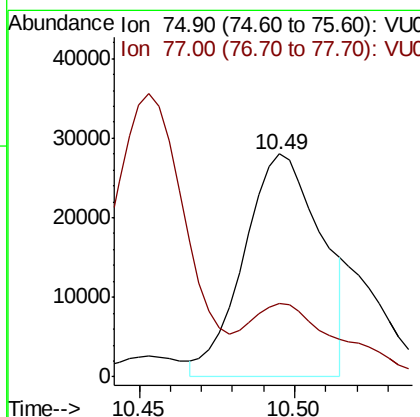
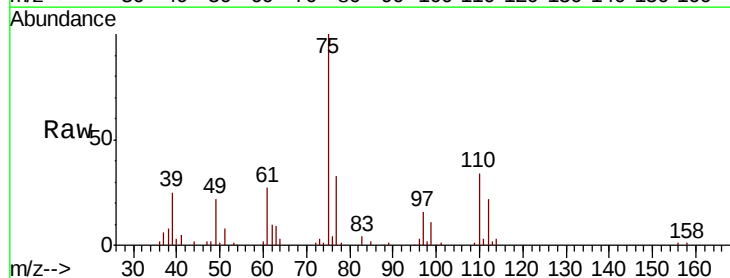
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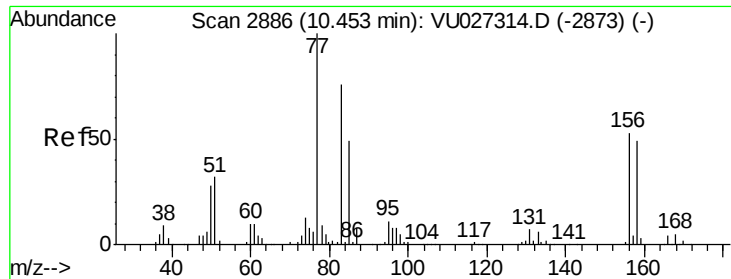
MMDadoda
 10/3/2018 11:41:44 AM



#76
 1,2,3-Trichloropropane
 Concen: 20.882 ug/l m
 RT: 10.49 min Scan# 2899
 Delta R.T. 0.00 min
 Lab File: VU027322.D
 Acq: 01 Oct 2018 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	48361		
77	38.0		20.3	60.9





#77

Bromobenzene

Concen: 19.938 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

Instrument :

MSVOA_U

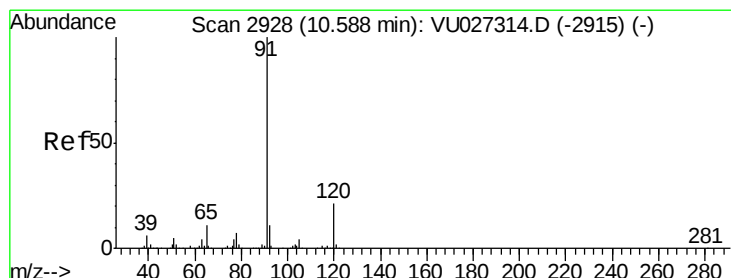
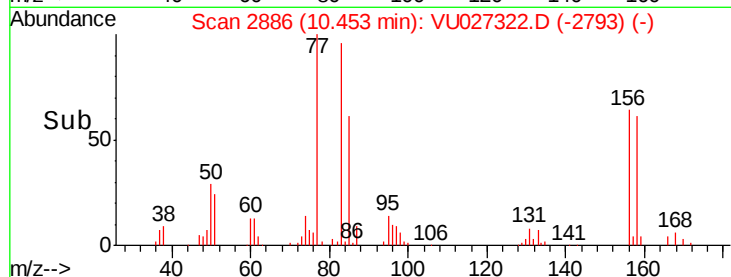
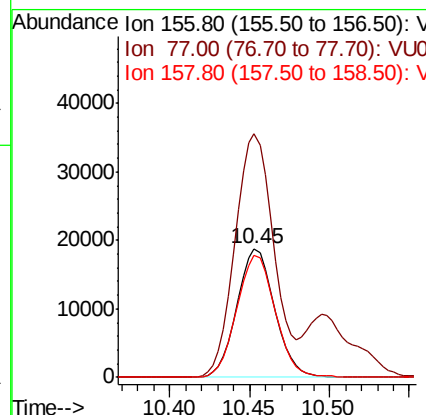
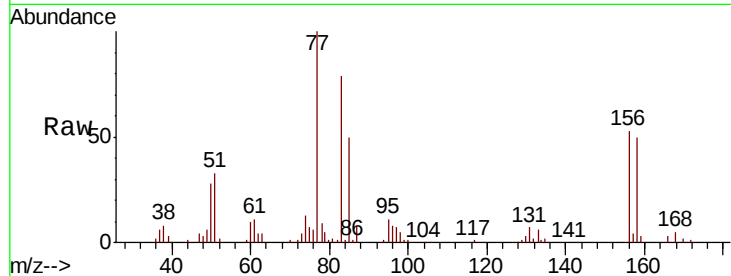
ClientSampleId :

VU1001WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		30066		
77	194.6	94.8	284.4		
158	97.0	47.4	142.3		

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#78

n-propylbenzene

Concen: 20.367 ug/l

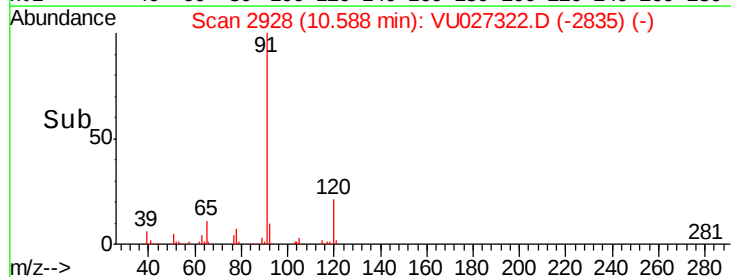
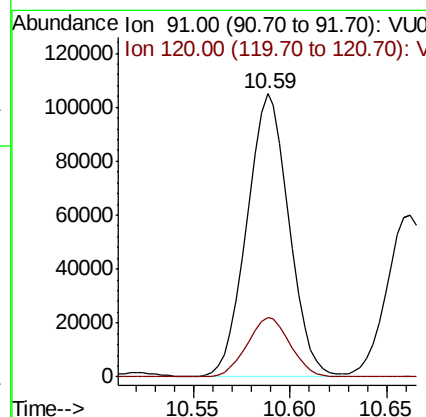
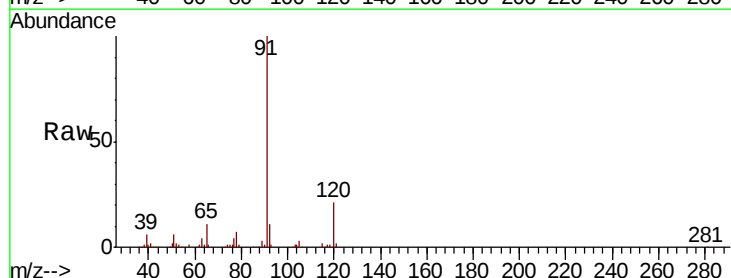
RT: 10.59 min Scan# 2928

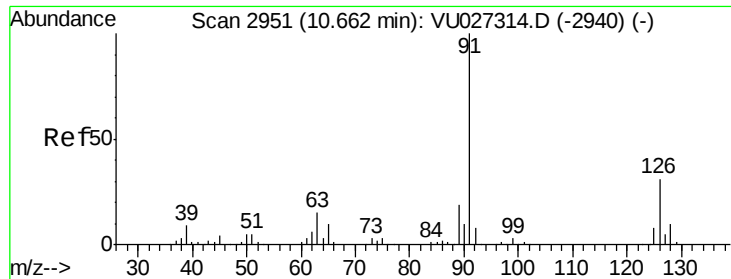
Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		158800		
120	21.6	10.6	31.8		





#79

2-Chlorotoluene

Concen: 20.585 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

Instrument :

MSVOA_U

ClientSampleId :

VU1001WBS01

Tot Ion: 91 Resp: 96907

Ion Ratio Lower Upper

91 100

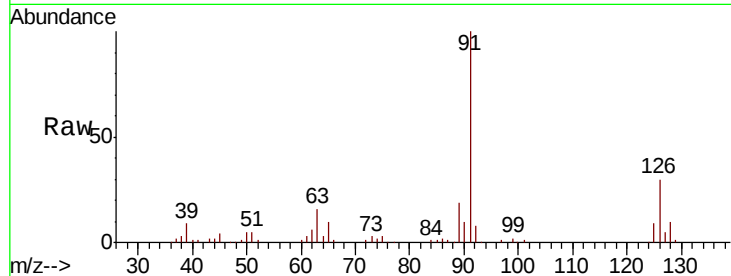
126 30.4 15.7 47.1

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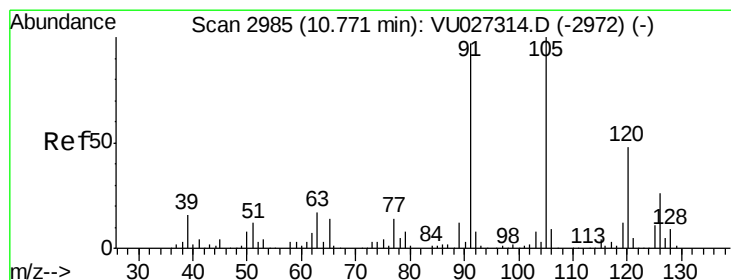
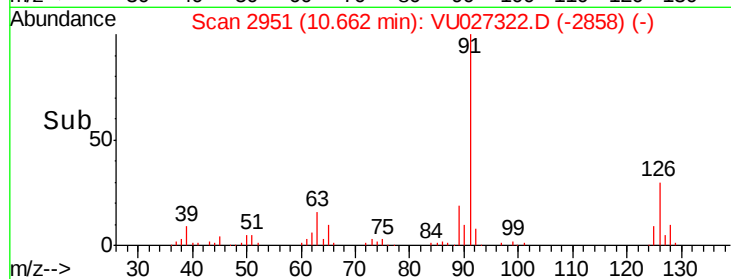
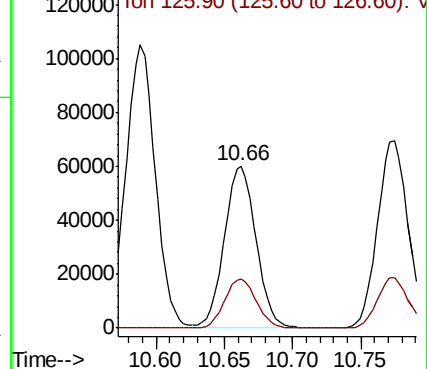
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Abundance Ion 91.00 (90.70 to 91.70): VU027314.D (-2940) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.823 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU027322.D

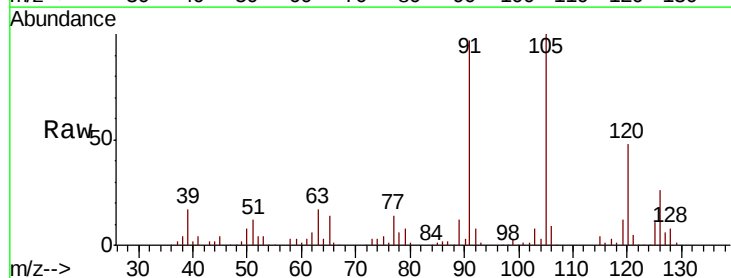
Acq: 01 Oct 2018 16:47

Tgt Ion: 105 Resp: 110005

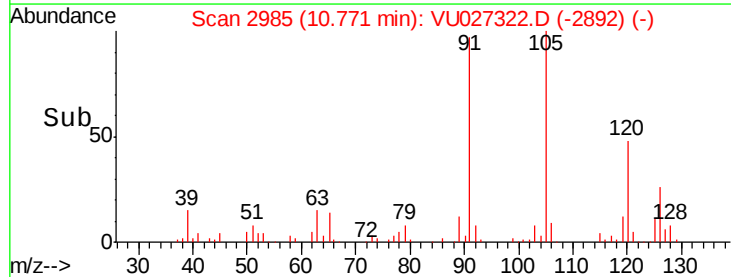
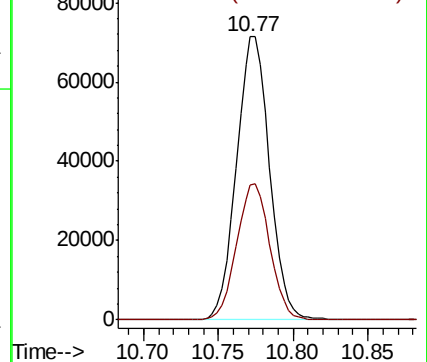
Ion Ratio Lower Upper

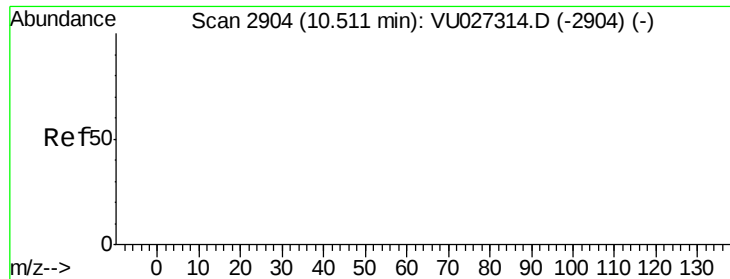
105 100

120 48.3 24.1 72.4



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





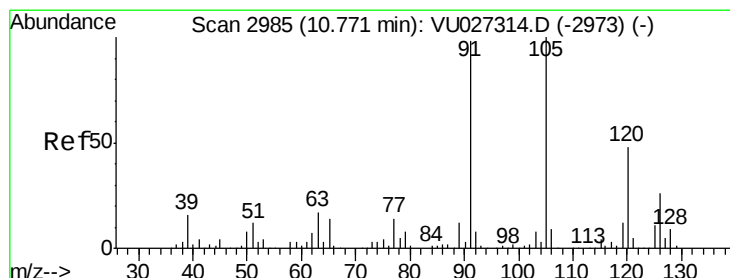
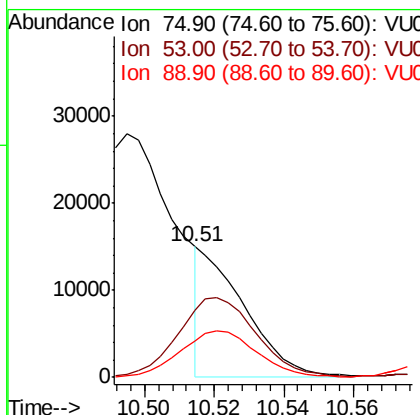
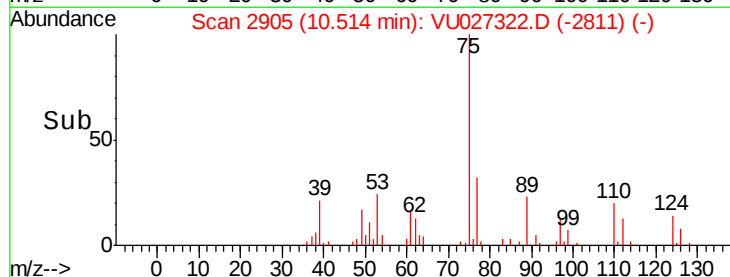
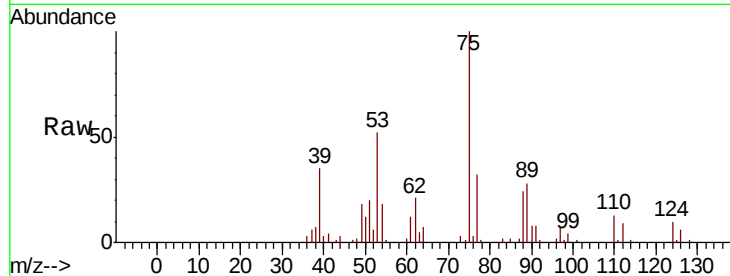
#81
trans-1,4-Dichloro-2-butene
Concen: 14.813 ug/l m
RT: 10.51 min Scan# 2905
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Instrument :
MSVOA_U
ClientSampleId :
VU1001WBS01

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

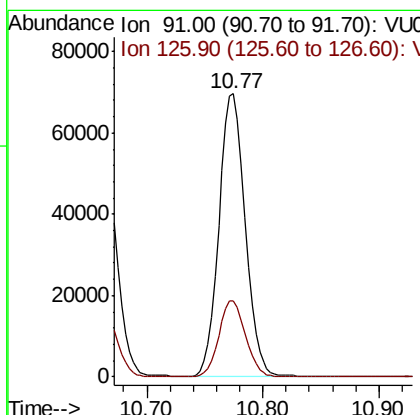
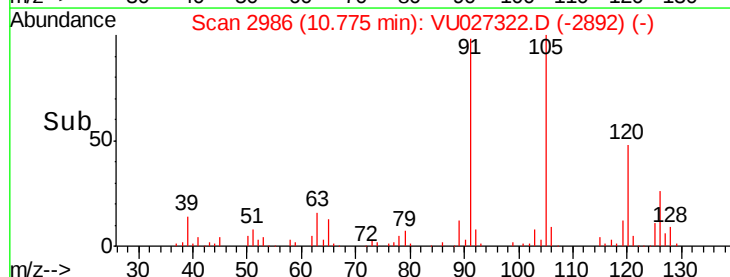
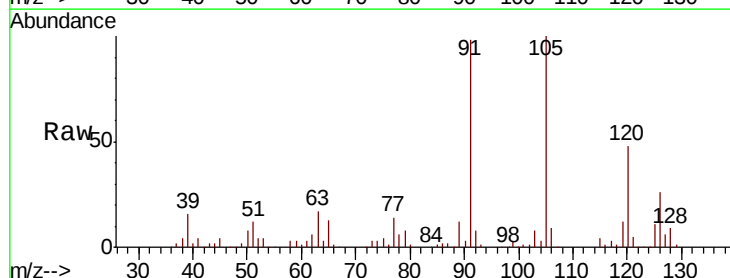
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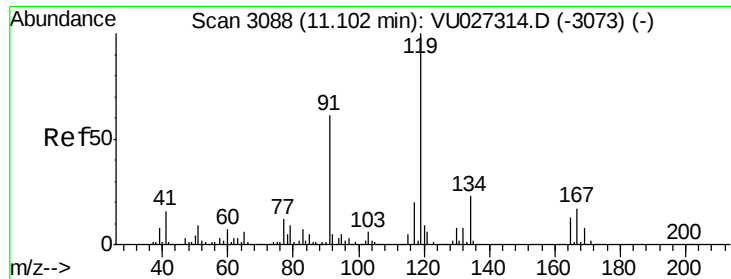
MMDadoda
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#82
4-Chlorotoluene
Concen: 20.577 ug/l
RT: 10.77 min Scan# 2986
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.1	13.6	40.8





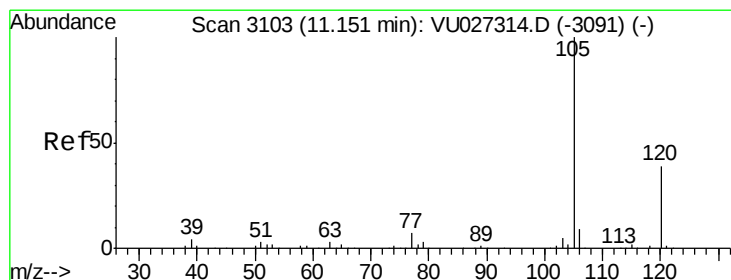
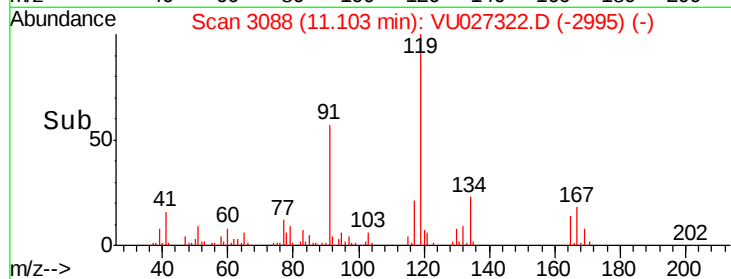
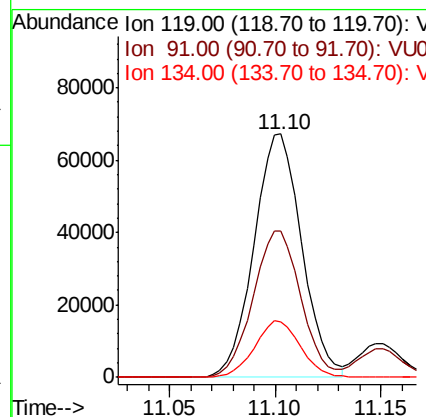
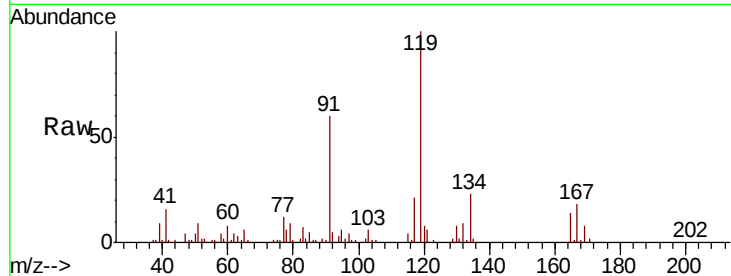
#83
tert-Butylbenzene
Concen: 20.760 ug/l
RT: 11.10 min Scan# 3088
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Instrument :
MSVOA_U
ClientSampleId :
VU1001WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	106022		
91	59.9	30.3	91.0	
134	22.3	11.5	34.4	

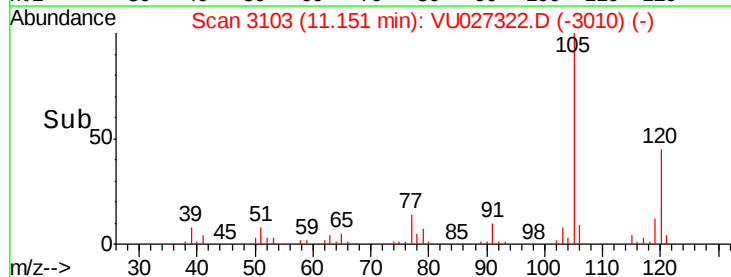
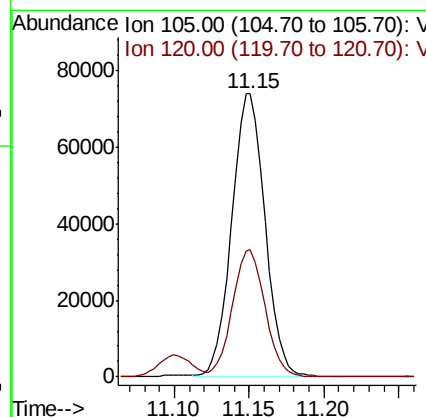
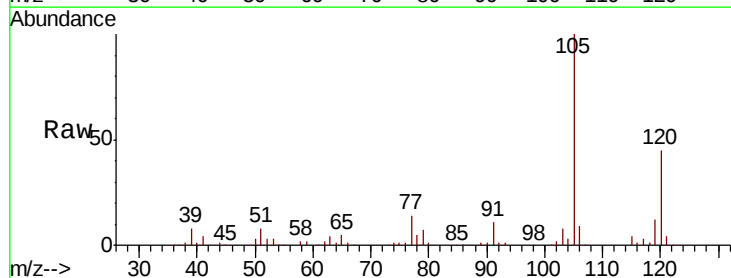
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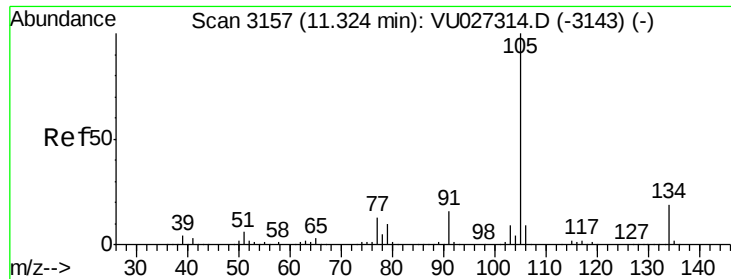
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 21.098 ug/l
RT: 11.15 min Scan# 3103
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	113850		
120	44.2	22.1	66.5	





#85

sec-Butylbenzene

Concen: 20.855 ug/l

RT: 11.32 min Scan# 3157

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

Instrument :

MSVOA_U

ClientSampleId :

VU1001WBS01

Tot Ion:105 Resp: 134200

Ion Ratio Lower Upper

105 100

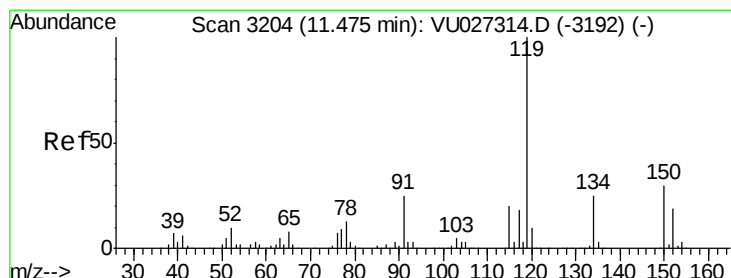
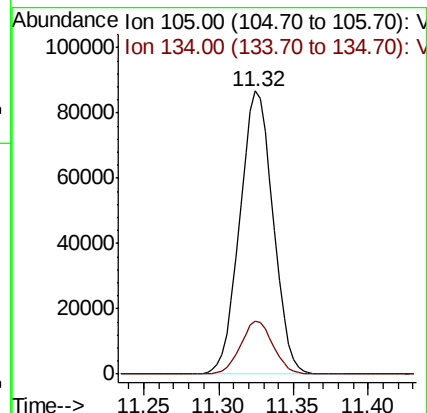
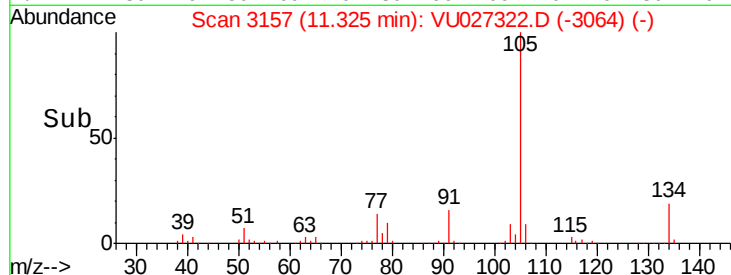
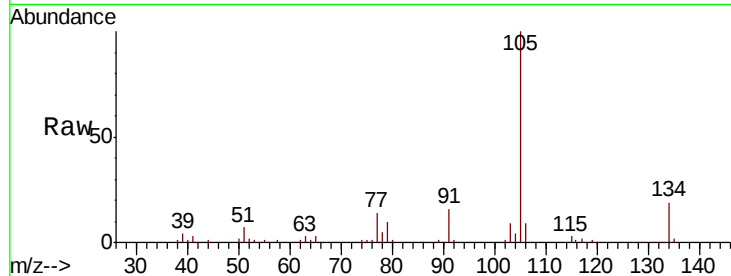
134 18.5 9.6 28.6

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#86

p-Isopropyltoluene

Concen: 20.687 ug/l

RT: 11.48 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

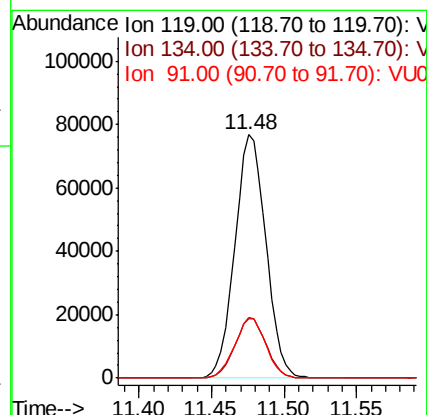
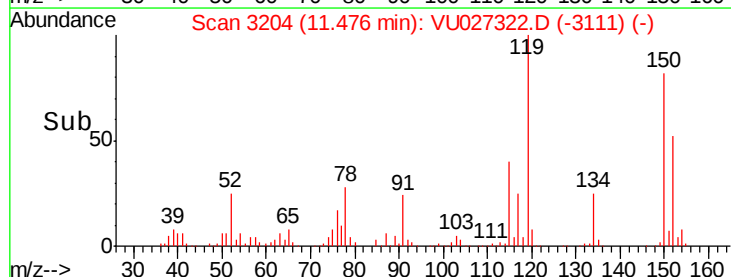
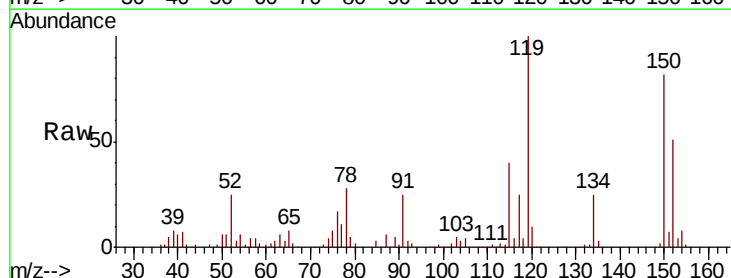
Tgt Ion:119 Resp: 113972

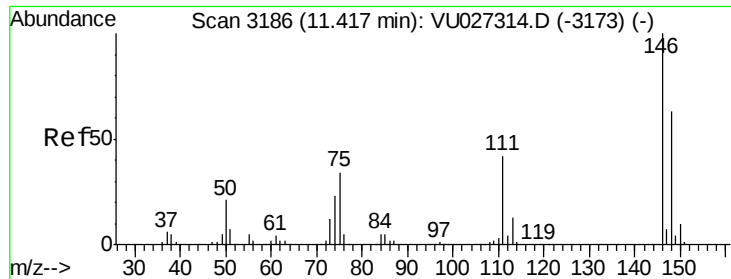
Ion Ratio Lower Upper

119 100

134 24.7 12.7 38.1

91 24.8 12.2 36.4





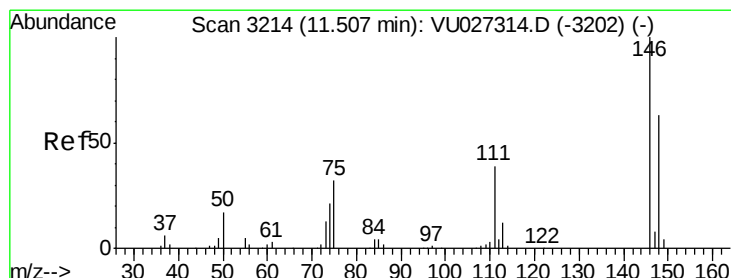
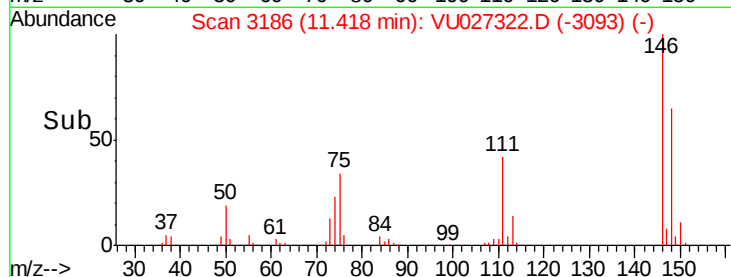
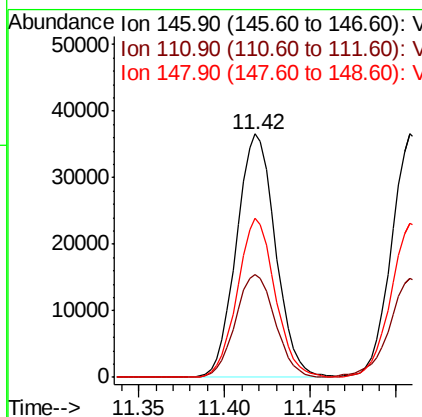
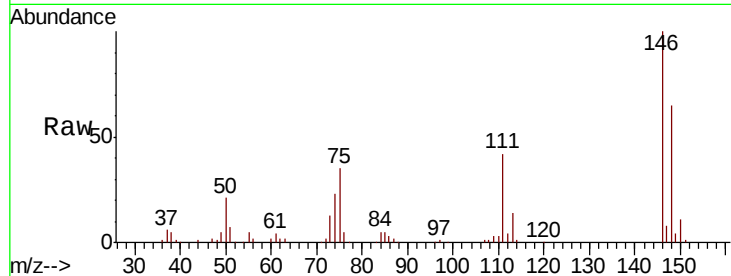
#87
 1,3-Dichlorobenzene
 Concen: 20.176 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027322.D
 Acq: 01 Oct 2018 16:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1001WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	20.8	62.5
148	63.2	31.6	94.8

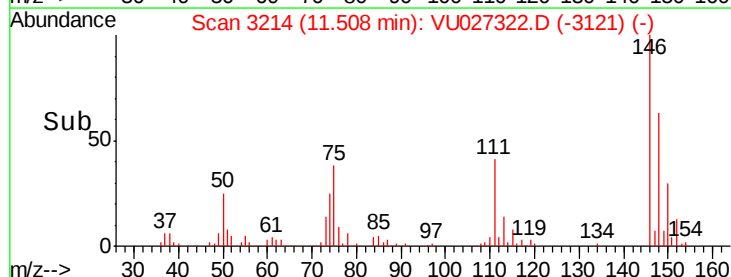
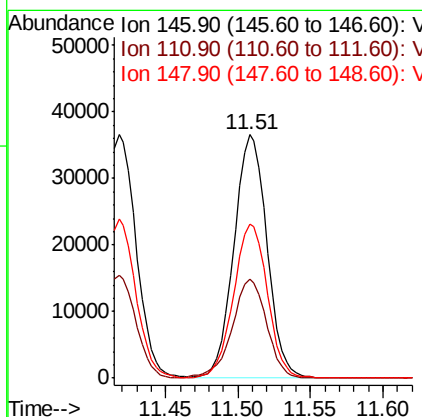
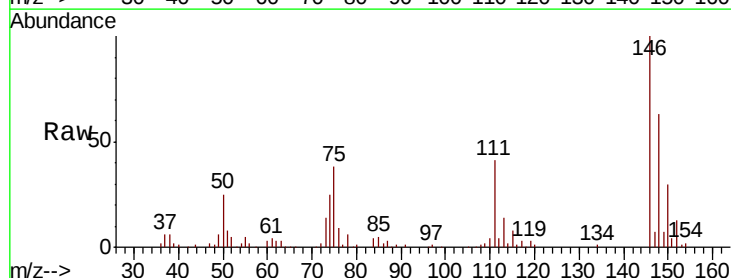
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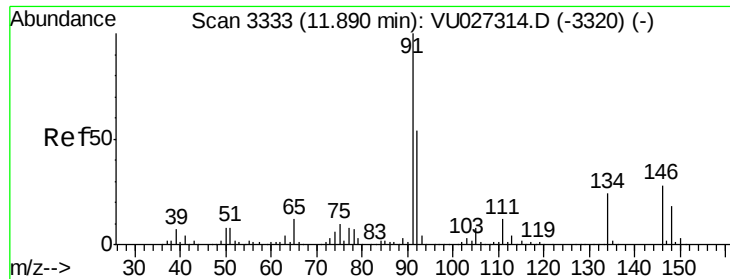
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#88
 1,4-Dichlorobenzene
 Concen: 19.805 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027322.D
 Acq: 01 Oct 2018 16:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.5	20.4	61.2
148	65.0	31.9	95.5





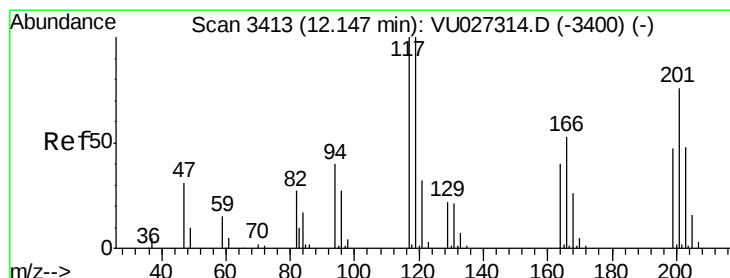
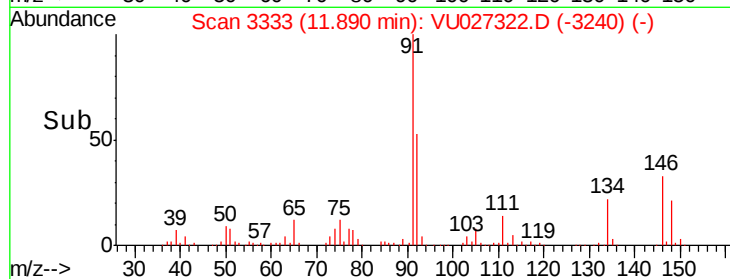
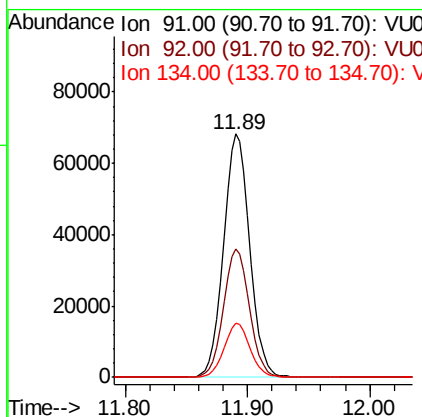
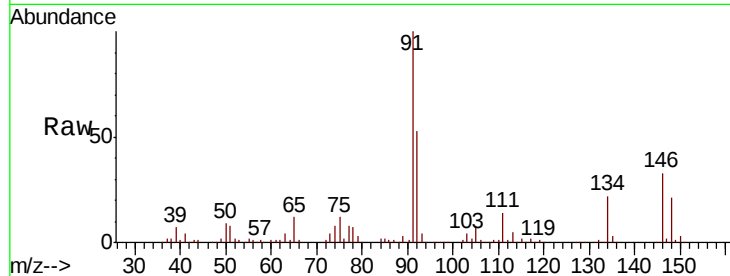
#89
n-Butylbenzene
Concen: 18.877 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Instrument :
MSVOA_U
ClientSampleId :
VU1001WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	27.0	81.0
134	22.2	11.7	35.1

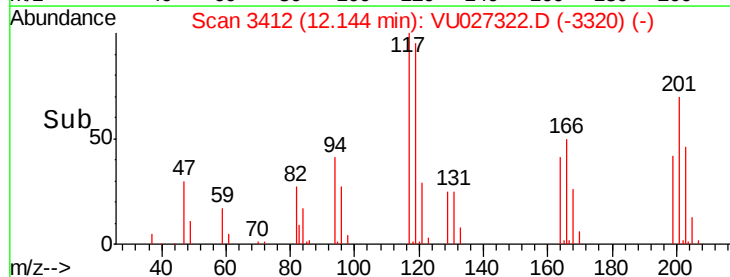
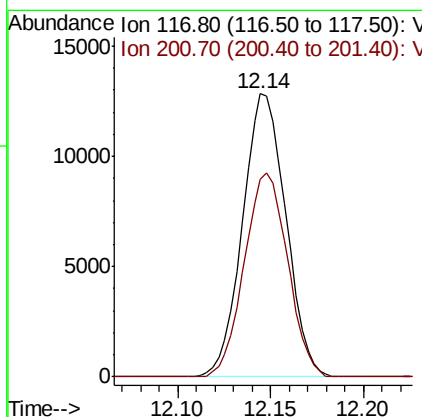
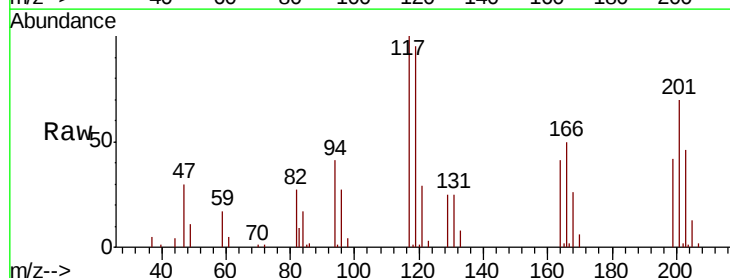
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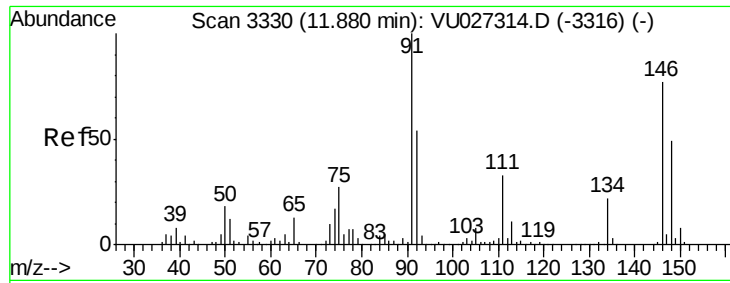
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#90
Hexachloroethane
Concen: 19.998 ug/l
RT: 12.14 min Scan# 3412
Delta R.T. -0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.0	37.9	113.6





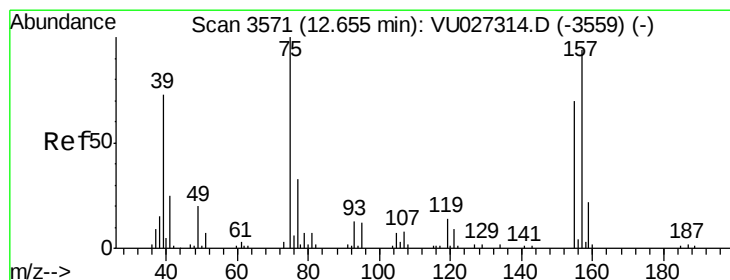
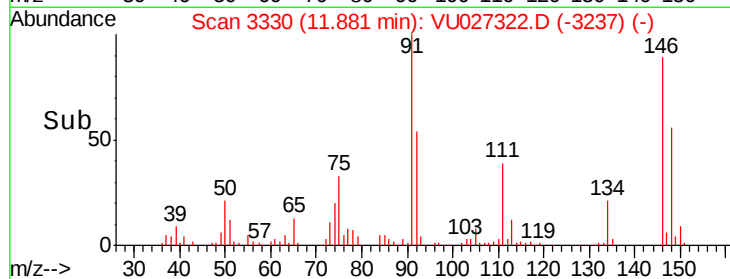
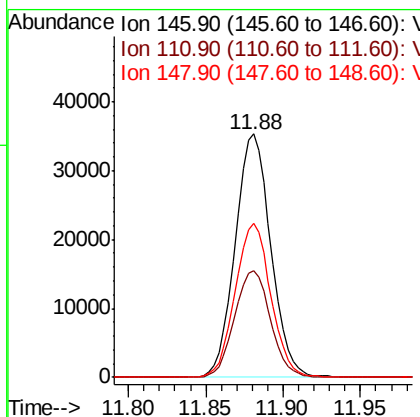
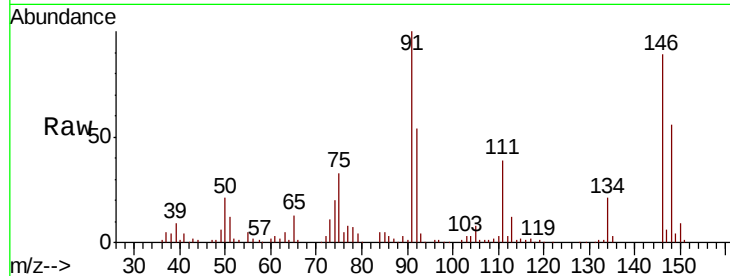
#91
 1,2-Dichlorobenzene
 Concen: 20.316 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027322.D
 Acq: 01 Oct 2018 16:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1001WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.2	21.8	65.4
148	63.2	31.9	95.5

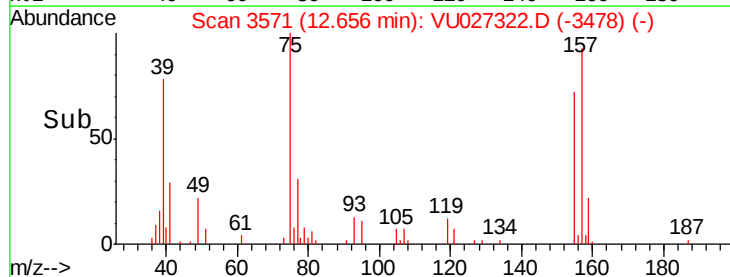
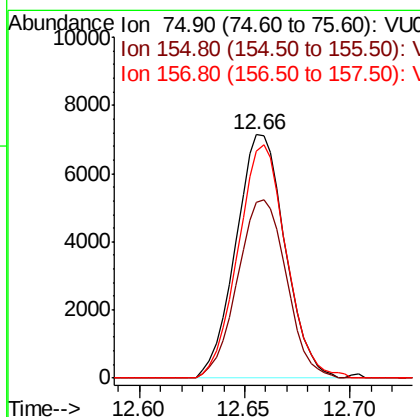
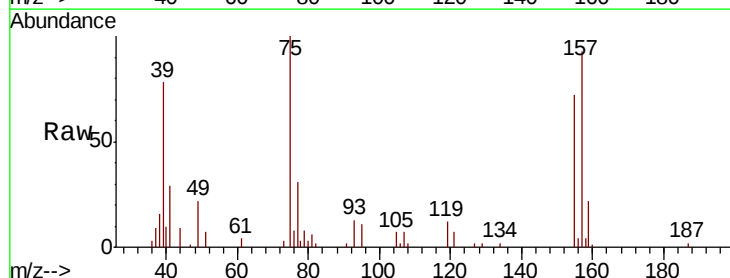
Manual Integrations
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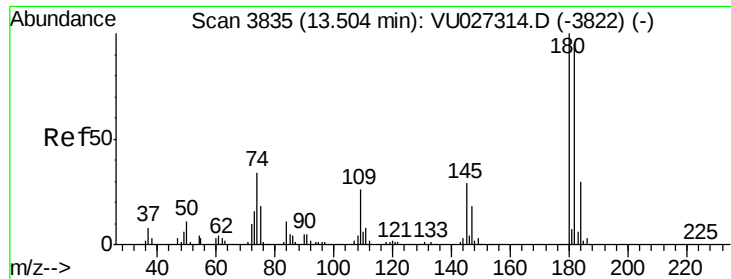
MMDadoda
 10/3/2018 11:41:44 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.594 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. 0.00 min
 Lab File: VU027322.D
 Acq: 01 Oct 2018 16:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.6	35.9	107.8
157	93.9	46.9	140.6





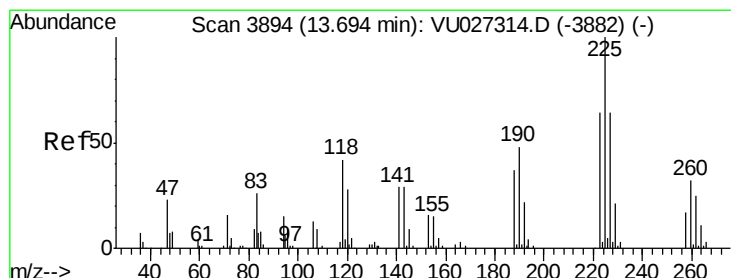
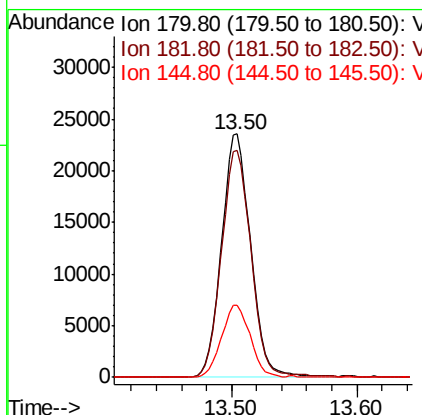
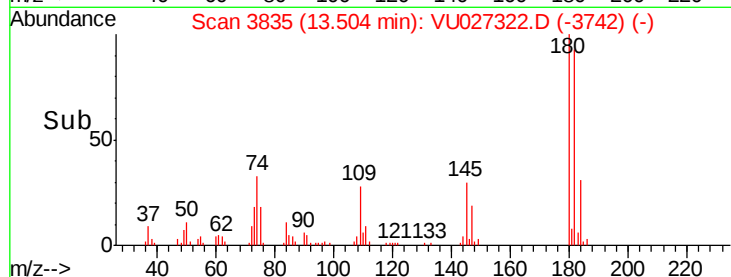
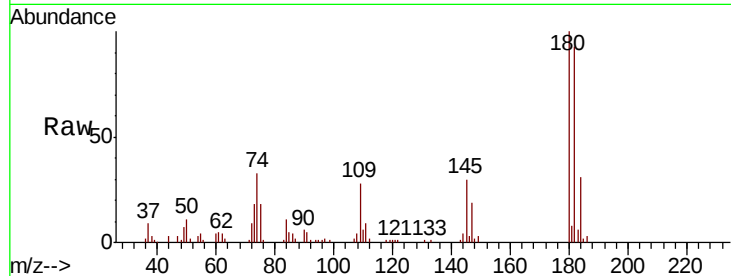
#93
 1,2,4-Trichlorobenzene
 Concen: 21.064 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027322.D
 Acq: 01 Oct 2018 16:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1001WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.4	142.3
145	29.1	14.6	44.0

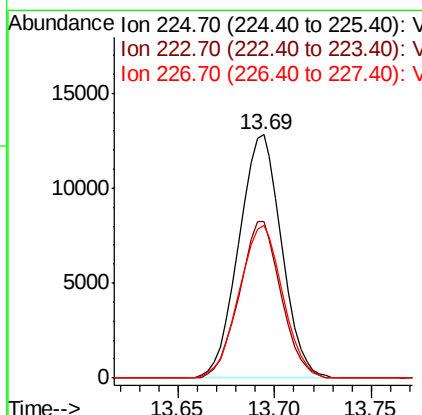
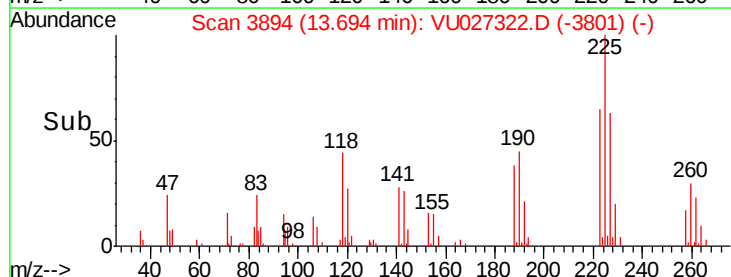
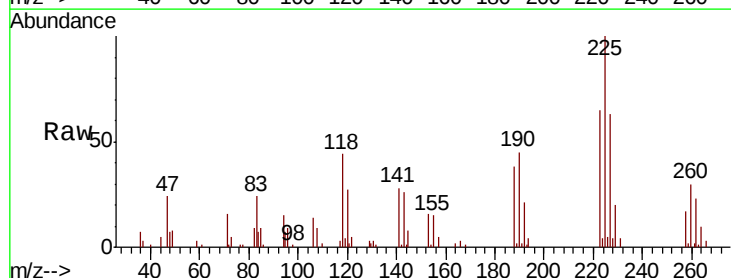
Manual Integrations
 APPROVED

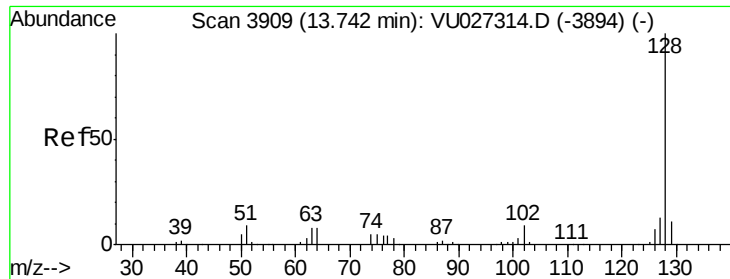
MMDadoda
 10/3/2018 11:41:44 AM



#94
 Hexachlorobutadiene
 Concen: 21.710 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU027322.D
 Acq: 01 Oct 2018 16:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.8	95.3
227	63.7	31.9	95.7





#95

Naphthalene

Concen: 21.065 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

Instrument :

MSVOA_U

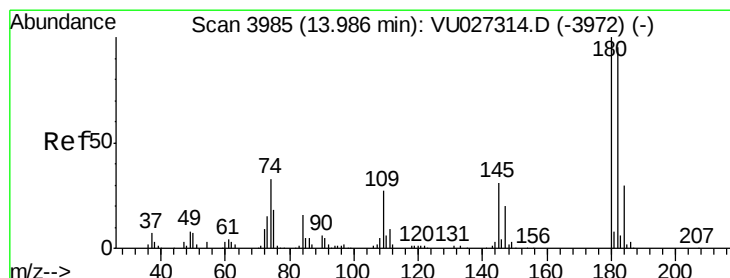
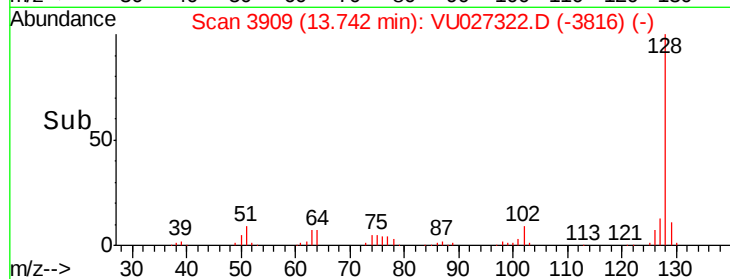
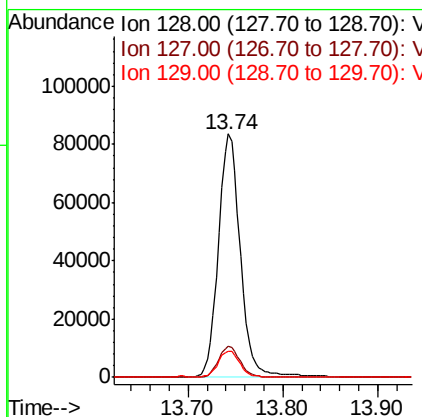
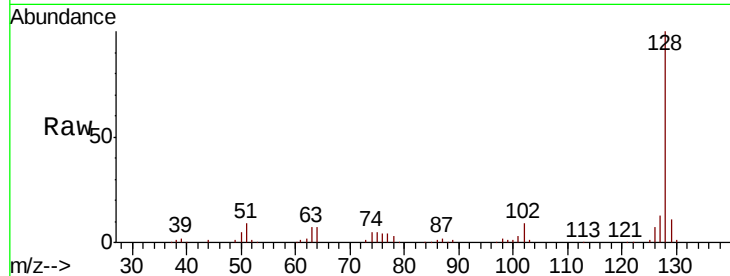
ClientSampleId :

VU1001WBS01

Tot Ion:	128	Resp:	135570
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.5	15.7
129	10.9	8.6	12.8

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 19.575 ug/l

RT: 13.99 min Scan# 3985

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

Tgt Ion:	180	Resp:	36678
Ion Ratio	Lower	Upper	
180	100		
182	97.0	47.4	142.2
145	32.2	15.9	47.7

