

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092318\
 Data File : VU027082.D
 Acq On : 23 Sep 2018 19:10
 Operator : MD/SY
 Sample : J4958-20MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 126 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TT-SW4002-20180915MS

Manual Integrations
 APPROVED

MMDadoda
 9/24/2018 4:40:37 PM

Quant Time: Sep 24 08:56:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	78487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	136849	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	136244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	73869	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	84466	53.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.94%	
35) Dibromofluoromethane	4.88	113	59251	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
50) Toluene-d8	7.57	98	229635	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
62) 4-Bromofluorobenzene	10.31	95	79823	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.21	85	46699	45.571	ug/l	99
3) Chloromethane	1.33	50	83612	47.325	ug/l	99
4) Vinyl Chloride	1.40	62	78385	47.529	ug/l	99
5) Bromomethane	1.62	94	40555	43.182	ug/l	98
6) Chloroethane	1.70	64	51714	49.076	ug/l	99
7) Trichlorofluoromethane	1.89	101	91021	48.594	ug/l	98
8) Diethyl Ether	2.10	74	45796	50.795	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.29	101	51100	44.369	ug/l	98
10) Methyl Iodide	2.41	142	45420	31.798	ug/l	99
11) Tert butyl alcohol	2.82	59	96488	266.487	ug/l	99
12) 1,1-Dichloroethene	2.29	96	52572	48.497	ug/l	98
13) Acrolein	2.20	56	44489	227.936	ug/l	99
14) Allyl chloride	2.59	41	113295	51.529	ug/l	96
15) Acrylonitrile	2.94	53	246426	270.036	ug/l	100
16) Acetone	2.32	43	220312	263.446	ug/l	99
17) Carbon Disulfide	2.48	76	164349	46.540	ug/l	99
18) Methyl Acetate	2.61	43	103493	46.030	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	217644	54.636	ug/l	98
20) Methylene Chloride	2.70	84	68301	48.279	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	58662	50.685	ug/l	99
22) Diisopropyl ether	3.57	45	269590	57.326	ug/l	97
23) Vinyl Acetate	3.53	43	939014	234.244	ug/l	99
24) 1,1-Dichloroethane	3.45	63	137330	53.021	ug/l	99
25) 2-Butanone	4.26	43	350363	263.918	ug/l	98
26) 2,2-Dichloropropane	4.23	77	64190	31.778	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	67770	51.849	ug/l	98
28) Bromochloromethane	4.55	49	72879	58.371	ug/l	93
29) Tetrahydrofuran	4.64	42	229515	285.795	ug/l	96
30) Chloroform	4.67	83	123763	51.478	ug/l	100
31) Cyclohexane	5.00	56	115413	49.008	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	100924	52.576	ug/l	98
36) 1,1-Dichloropropene	5.14	75	88771	48.604	ug/l	99
37) Ethyl Acetate	4.38	43	109837	44.424	ug/l	99
38) Carbon Tetrachloride	5.14	117	83635	48.120	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	90039	45.365	ug/l	98
40) Benzene	5.39	78	275069	49.542	ug/l	99
41) Methacrylonitrile	4.54	41	73071	56.906	ug/l	97
42) 1,2-Dichloroethane	5.40	62	107556	51.273	ug/l	99
43) Isopropyl Acetate	5.55	43	176964	49.078	ug/l	98
44) Trichloroethene	6.19	130	56638	47.916	ug/l	98
45) 1,2-Dichloropropane	6.43	63	83522	52.794	ug/l	98
46) Dibromomethane	6.56	93	48207	50.454	ug/l	98
47) Bromodichloromethane	6.76	83	95868	49.621	ug/l	97
48) Methyl methacrylate	6.62	41	99503	50.687	ug/l	99
49) 1,4-Dioxane	6.61	88	37531	962.868	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	678313	279.703	ug/l	99
52) Toluene	7.64	92	165121	51.883	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	102130	49.201	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	106999	46.881	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	67966	50.400	ug/l	99
56) Ethyl methacrylate	8.02	69	113909	48.740	ug/l	98
57) 1,3-Dichloropropane	8.24	76	130883	52.183	ug/l	99
59) 2-Hexanone	8.36	43	515968	271.801	ug/l	99
60) Dibromochloromethane	8.48	129	68421	51.726	ug/l	99
61) 1,2-Dibromoethane	8.59	107	70550	50.282	ug/l	100
64) Tetrachloroethene	8.23	164	45878	43.699	ug/l	97
65) Chlorobenzene	9.12	112	169395	46.891	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	60337	48.491	ug/l	99
67) Ethyl Benzene	9.25	91	305306	51.395	ug/l	100
68) m/p-Xylenes	9.38	106	226435	94.210	ug/l	98
69) o-Xylene	9.78	106	110349	52.429	ug/l	97
70) Styrene	9.79	104	182791	46.639	ug/l	99
71) Bromoform	9.96	173	48536	50.442	ug/l #	100
73) Isopropylbenzene	10.17	105	294082	52.336	ug/l	100
74) N-amyl acetate	10.01	43	146241	44.961	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	120545	46.659	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	102660m	45.746	ug/l	
77) Bromobenzene	10.45	156	66938	48.748	ug/l	95
78) n-propylbenzene	10.59	91	350396	52.701	ug/l	100
79) 2-Chlorotoluene	10.66	91	210798	50.475	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	245192	52.861	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	34853m	49.701	ug/l	
82) 4-Chlorotoluene	10.77	91	241553	51.583	ug/l	98
83) tert-Butylbenzene	11.10	119	235046	51.255	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	252445	53.478	ug/l	99
85) sec-Butylbenzene	11.32	105	291034	51.989	ug/l	99
86) p-Isopropyltoluene	11.48	119	243997	46.517	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	120527	47.168	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	123054	44.186	ug/l	99
89) n-Butylbenzene	11.89	91	217834	43.126	ug/l	99
90) Hexachloroethane	12.15	117	47107	46.275	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	123942	45.663	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	27101	51.420	ug/l	96
93) 1,2,4-Trichlorobenzene	13.50	180	75908	48.530	ug/l	99

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Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.69	225	34669	41.890	ug/l	98
95) Naphthalene	13.74	128	285931	46.864	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	82493	49.179	ug/l	99

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

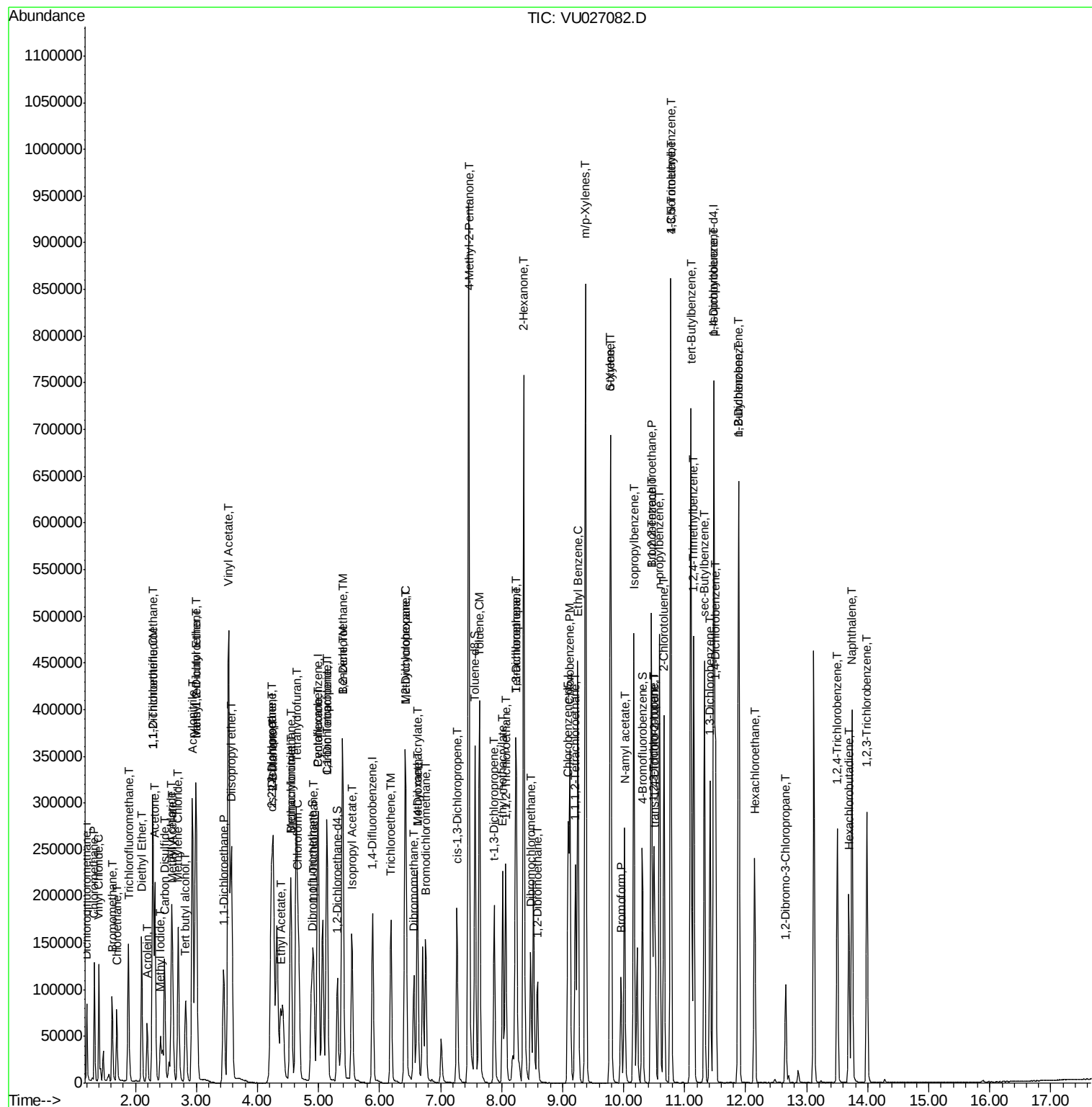
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 Data File : VU027082.D
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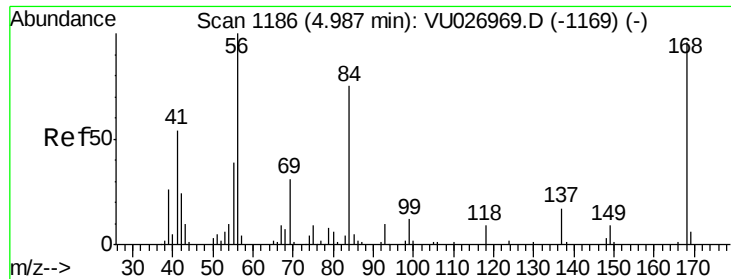
Instrument :
 MSVOA_U
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

Instrument :

MSVOA_U

ClientSampleId :

BP-TT-SW4002-20180915MS

Tot Ion:168 Resp: 78487

Ion Ratio Lower Upper

168 100

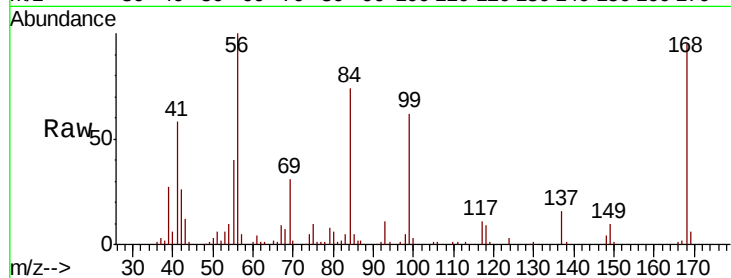
99 63.6 48.1 72.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

4.99

40000

30000

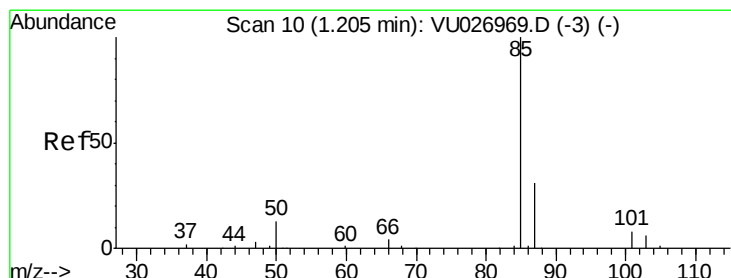
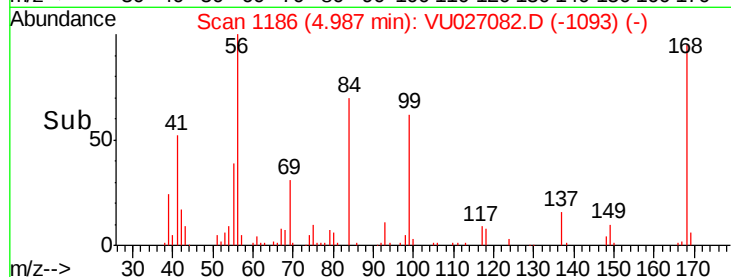
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#2

Dichlorodifluoromethane

Concen: 45.571 ug/l

RT: 1.21 min Scan# 10

Delta R.T. -0.00 min

Lab File: VU027082.D

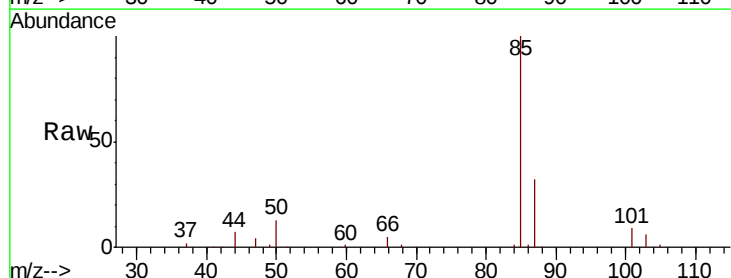
Acq: 23 Sep 2018 19:10

Tgt Ion: 85 Resp: 46699

Ion Ratio Lower Upper

85 100

87 31.8 15.6 46.7



Abundance Ion 84.90 (84.60 to 85.60): VU026969.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU026969.D (-3) (-)

1.21

50000

40000

30000

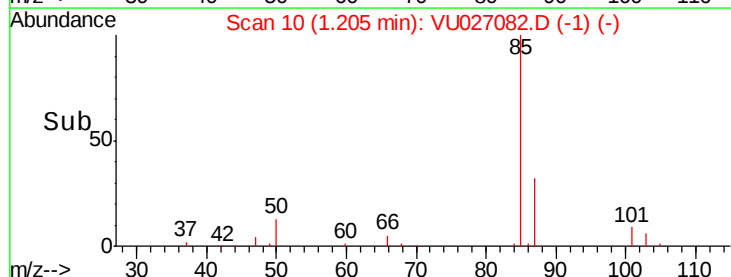
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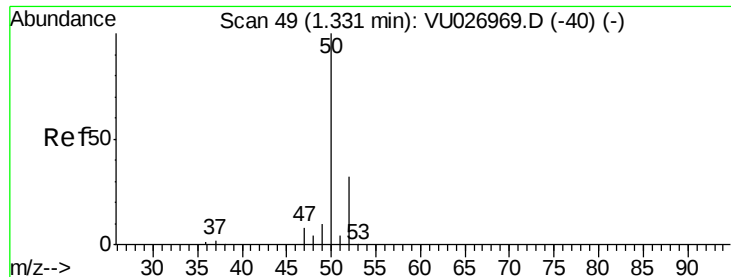
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 47.325 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

Instrument :

MSVOA_U

ClientSampleId :

BP-TT-SW4002-20180915MS

Tot Ion: 50 Resp: 83612

Ion Ratio Lower Upper

50 100

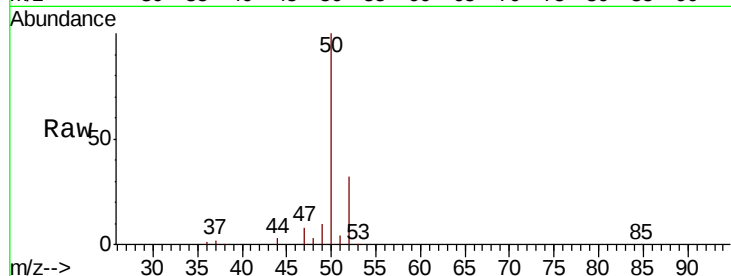
52 32.1 25.9 38.9

Manual Integrations

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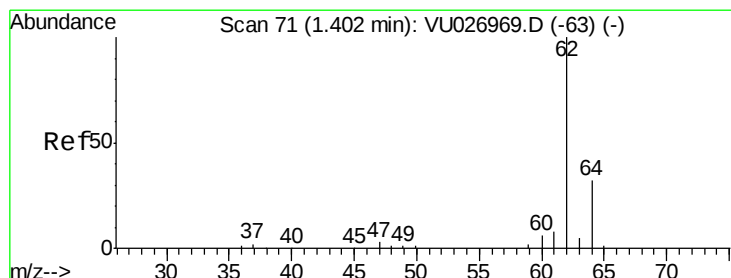
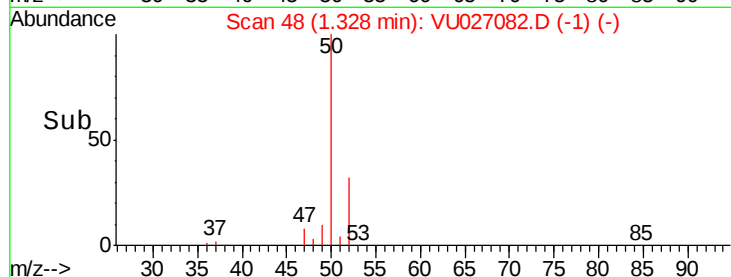
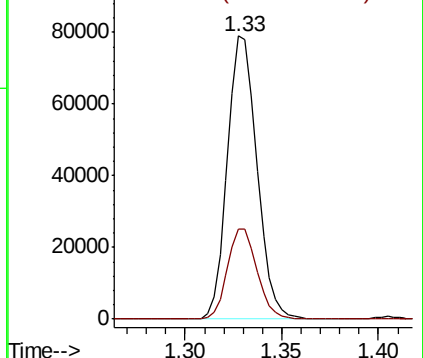
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Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 47.529 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU027082.D

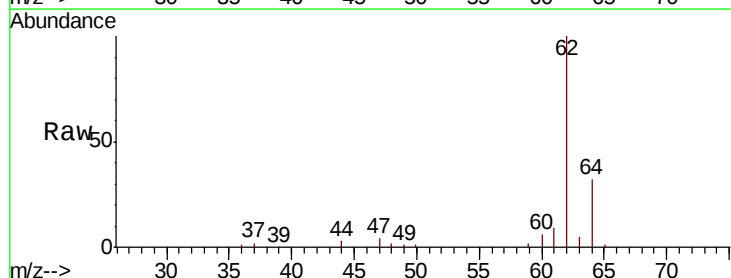
Acq: 23 Sep 2018 19:10

Tgt Ion: 62 Resp: 78385

Ion Ratio Lower Upper

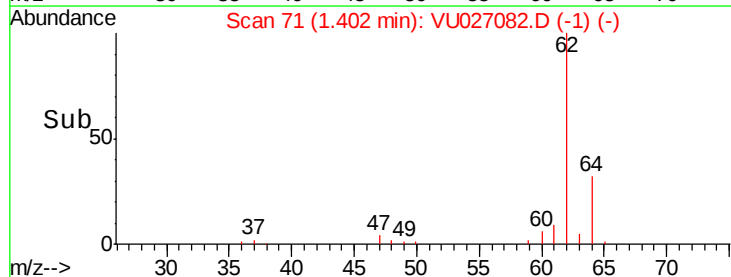
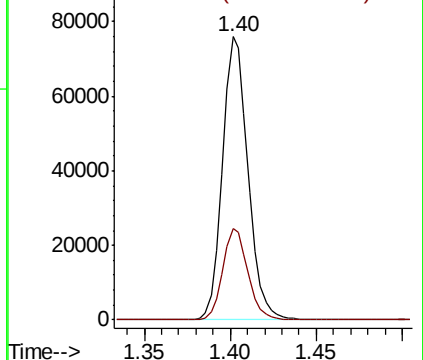
62 100

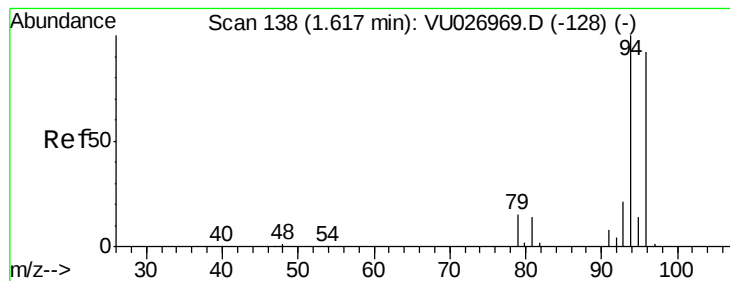
64 32.4 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 43.182 ug/l

RT: 1.62 min Scan# 139

Delta R.T. 0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

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Tot Ion: 94 Resp: 40555

Ion Ratio Lower Upper

94 100

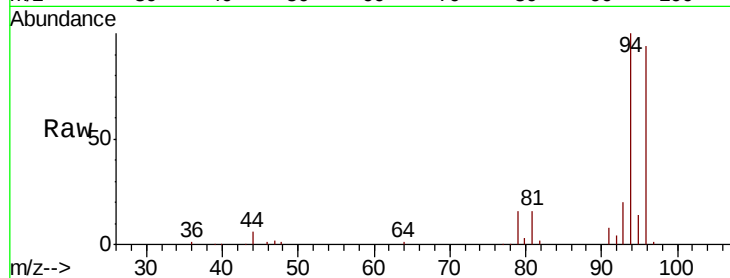
96 93.6 73.2 109.8

Manual Integrations

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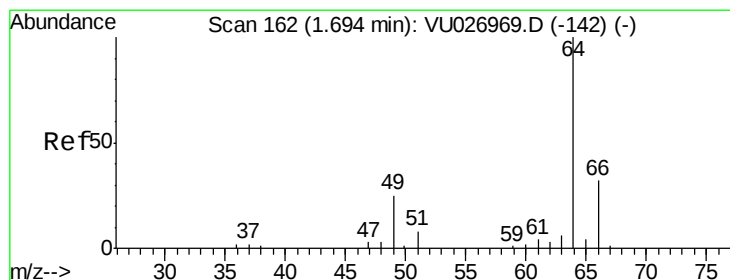
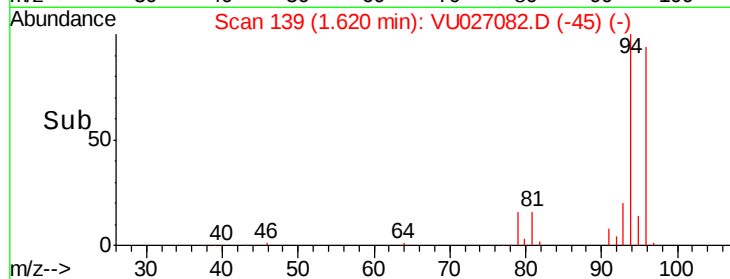
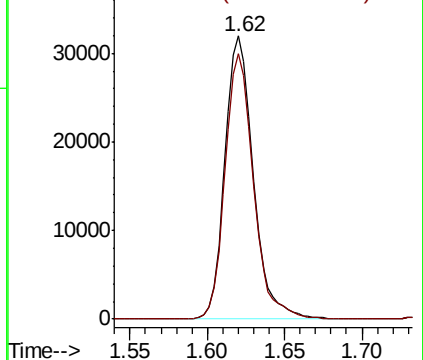
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Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 49.076 ug/l

RT: 1.70 min Scan# 163

Delta R.T. 0.00 min

Lab File: VU027082.D

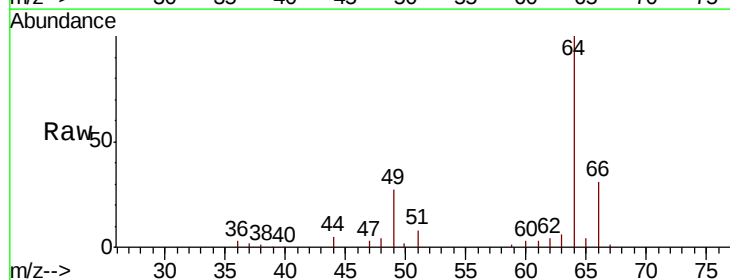
Acq: 23 Sep 2018 19:10

Tgt Ion: 64 Resp: 51714

Ion Ratio Lower Upper

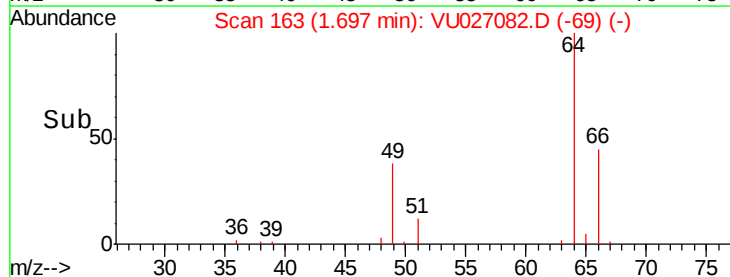
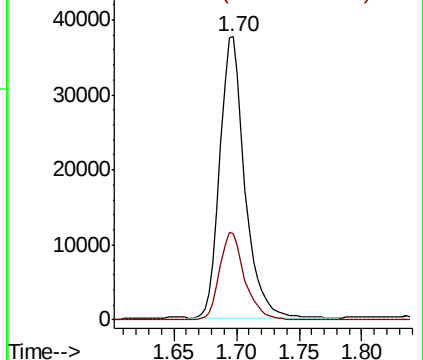
64 100

66 30.9 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0





#7

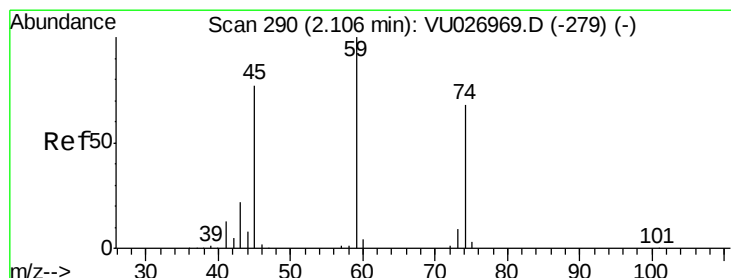
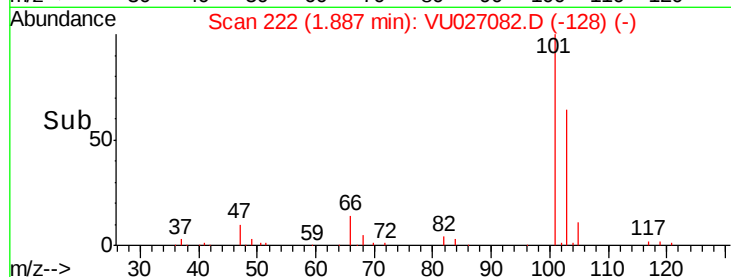
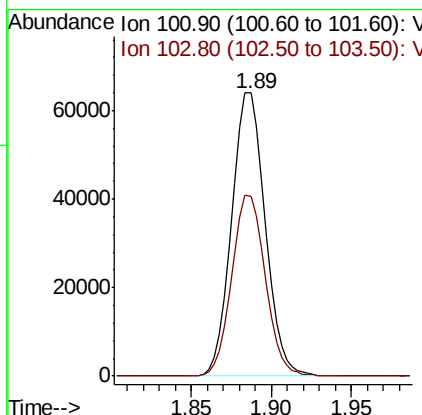
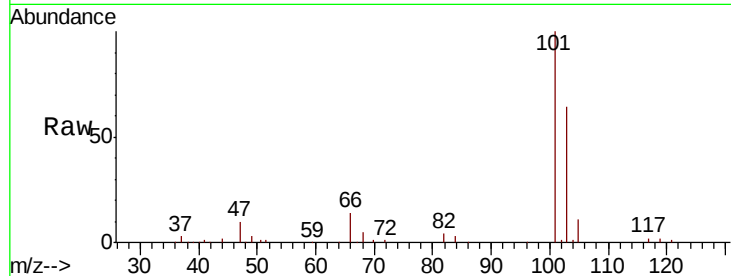
Trichlorofluoromethane
Concen: 48.594 ug/l
RT: 1.89 min Scan# 222
Delta R.T. 0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Instrument :
MSVOA_U
ClientSampleId :
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Tot Ion:101 Resp: 91021
Ion Ratio Lower Upper
101 100
103 63.7 52.2 78.2

Manual Integrations
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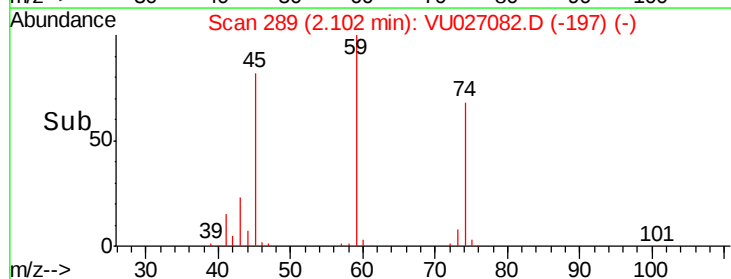
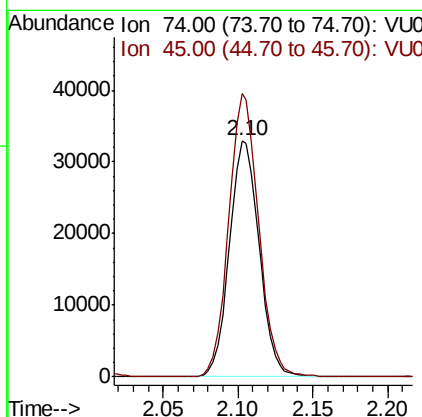
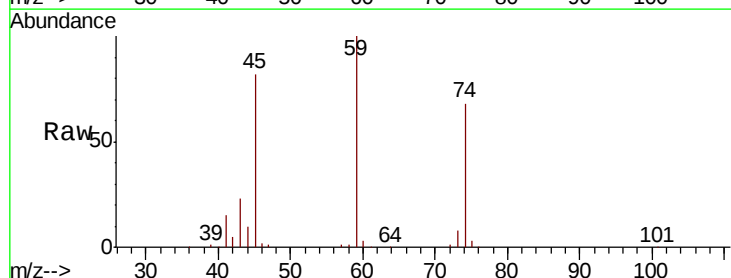
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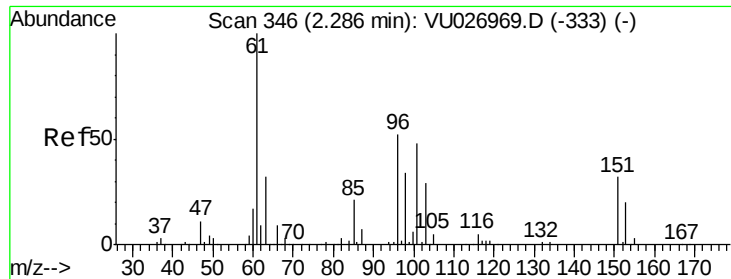


#8

Diethyl Ether
Concen: 50.795 ug/l
RT: 2.10 min Scan# 289
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Tgt Ion: 74 Resp: 45796
Ion Ratio Lower Upper
74 100
45 120.3 56.9 170.7





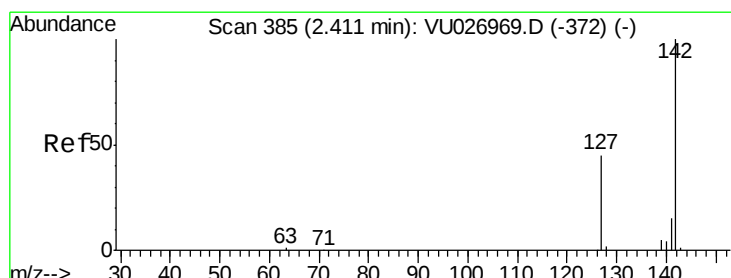
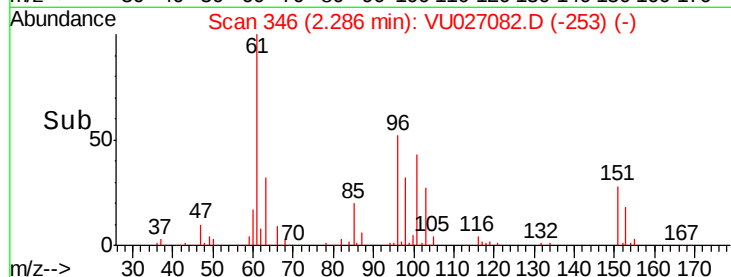
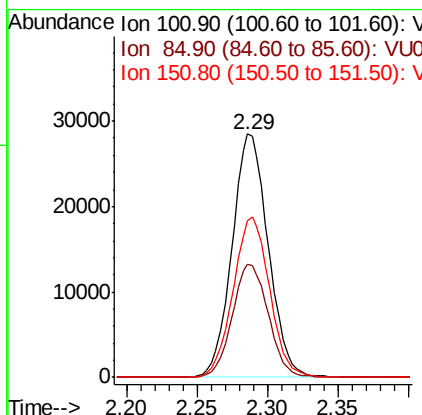
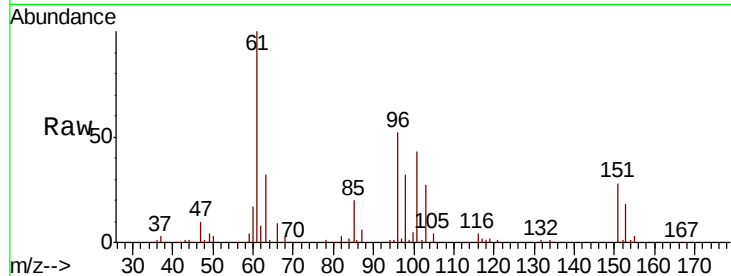
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 44.369 ug/l
 RT: 2.29 min Scan# 346
 Delta R.T. -0.00 min
 Lab File: VU027082.D
 Acq: 23 Sep 2018 19:10

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TT-SW4002-20180915MS

Tot Ion	Ratio	Lower	Upper
101	100		
85	46.1	36.2	54.2
151	66.4	54.5	81.7

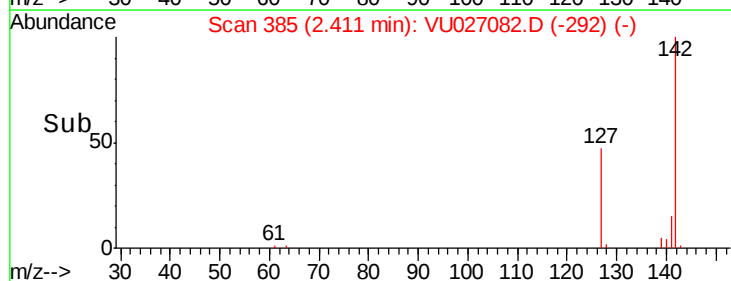
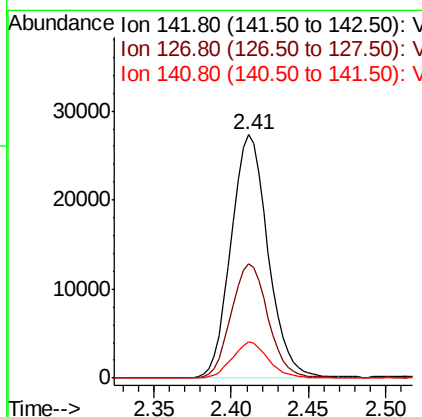
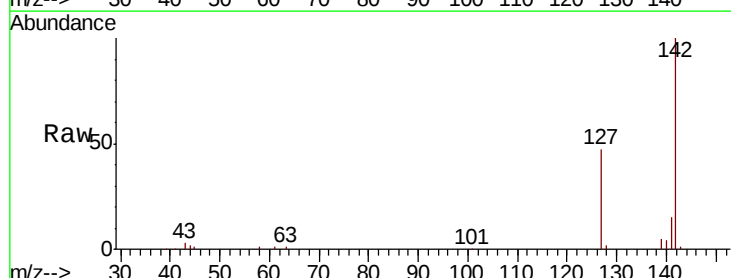
Manual Integrations
 APPROVED

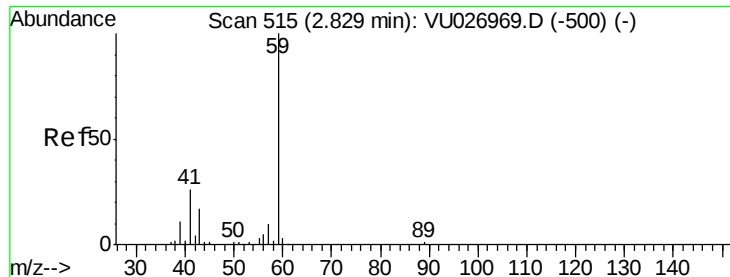
MMDadoda
 9/24/2018 4:40:37 PM



#10
 Methyl Iodide
 Concen: 31.798 ug/l
 RT: 2.41 min Scan# 385
 Delta R.T. -0.00 min
 Lab File: VU027082.D
 Acq: 23 Sep 2018 19:10

Tgt Ion	Ratio	Lower	Upper
142	100		
127	47.0	36.7	55.1
141	14.5	11.8	17.6





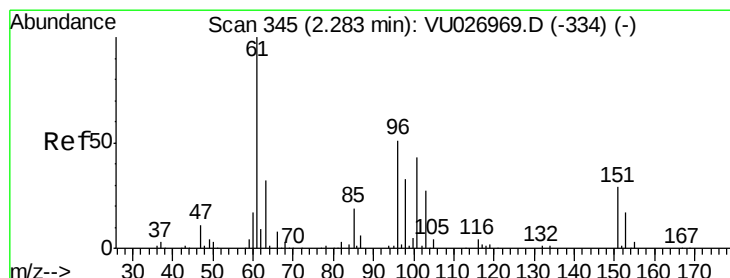
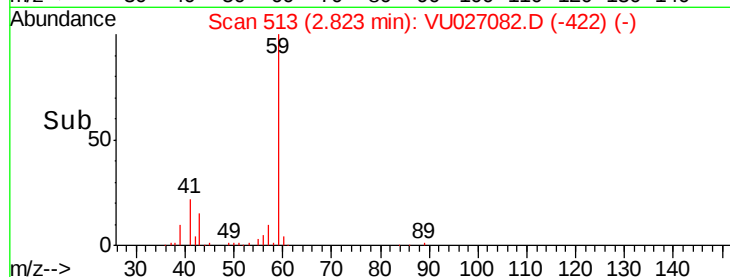
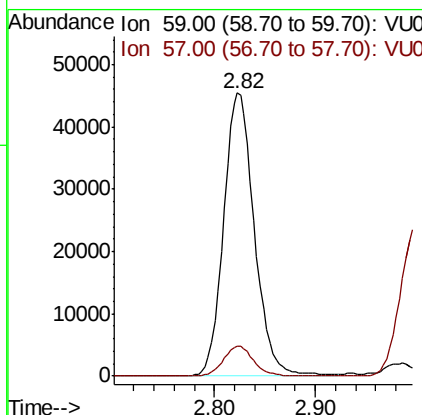
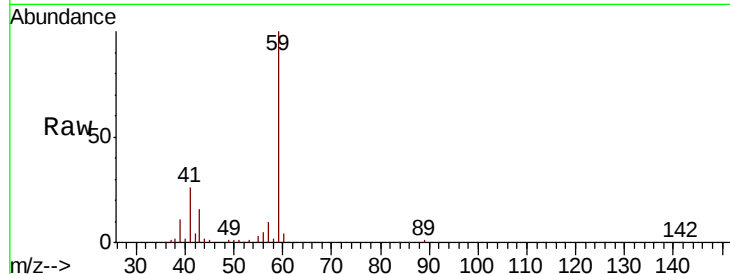
#11
Tert butyl alcohol
Concen: 266.487 ug/l
RT: 2.82 min Scan# 513
Delta R.T. -0.01 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Instrument :
MSVOA_U
ClientSampleId :
BP-TT-SW4002-20180915MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.5	12.7

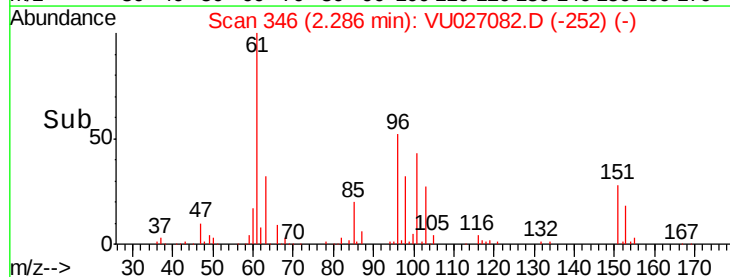
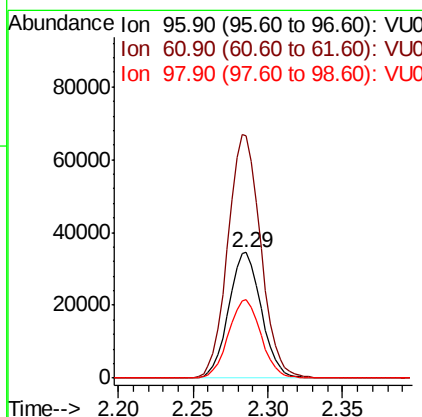
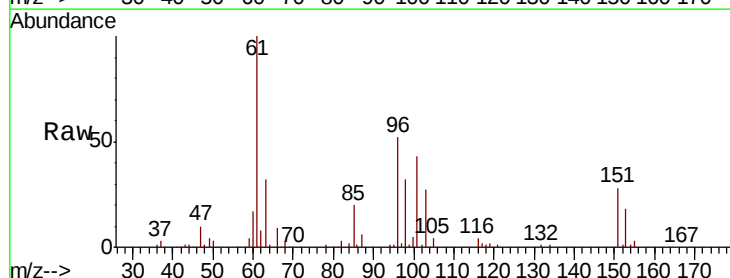
Manual Integrations
APPROVED

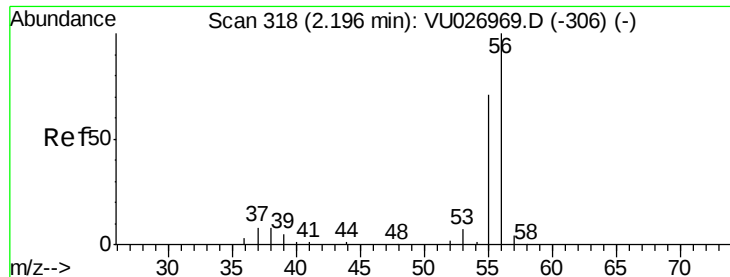
MMDadoda
9/24/2018 4:40:37 PM



#12
1,1-Dichloroethene
Concen: 48.497 ug/l
RT: 2.29 min Scan# 346
Delta R.T. 0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Tgt Ion	Ratio	Lower	Upper
96	100		
61	192.7	156.1	234.1
98	62.6	51.4	77.0





#13

Acrolein

Concen: 227.936 ug/l

RT: 2.20 min Scan# 318

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

Instrument :

MSVOA_U

ClientSampleId :

BP-TT-SW4002-20180915MS

Tot Ion: 56 Resp: 44489

Ion Ratio Lower Upper

56 100

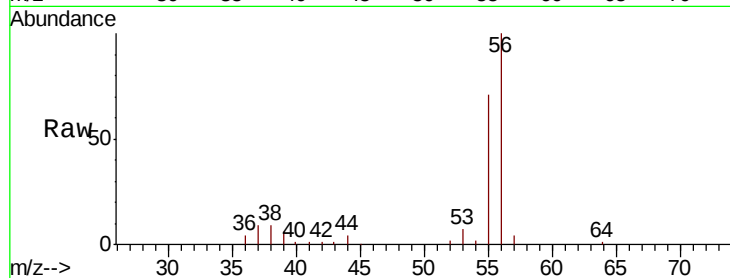
55 70.9 57.1 85.7

Manual Integrations

APPROVED

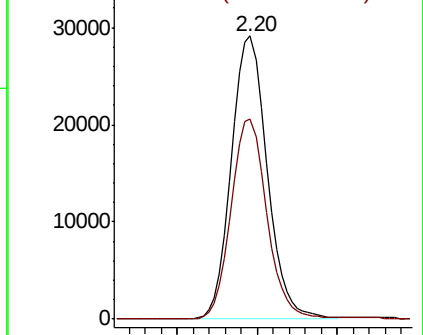
MMDadoda

9/24/2018 4:40:37 PM

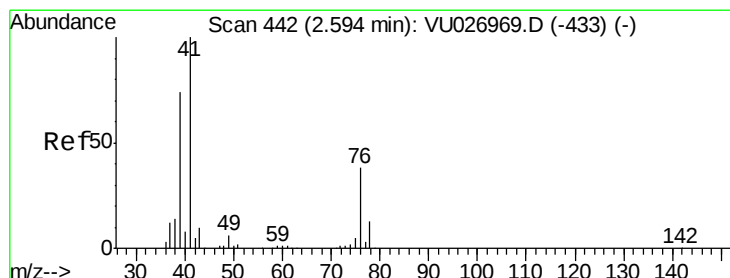
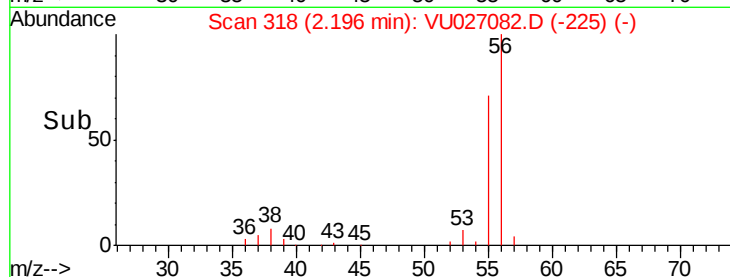


Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



Time-->



#14

Allyl chloride

Concen: 51.529 ug/l

RT: 2.59 min Scan# 442

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

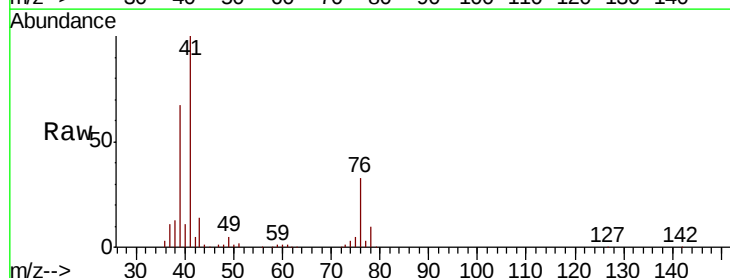
Tgt Ion: 41 Resp: 113295

Ion Ratio Lower Upper

41 100

39 65.0 55.7 83.5

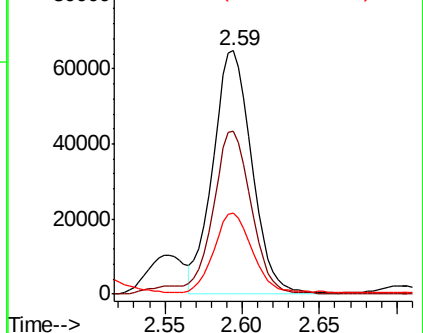
76 33.1 26.5 39.7



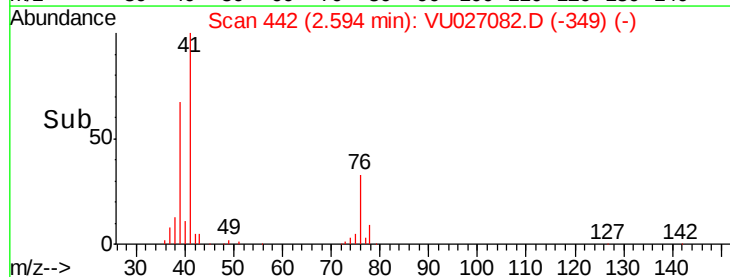
Abundance Ion 41.00 (40.70 to 41.70): VU0

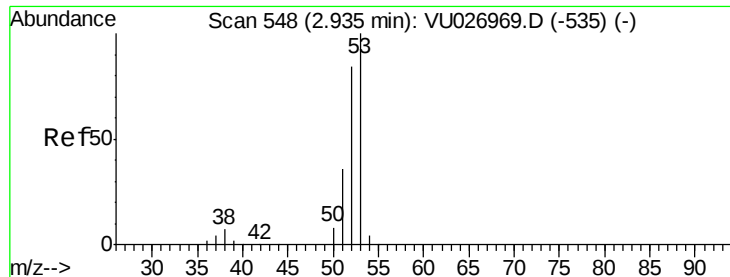
Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0



Time-->





#15

Acrylonitrile

Concen: 270.036 ug/l

RT: 2.94 min Scan# 548

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

Instrument :

MSVOA_U

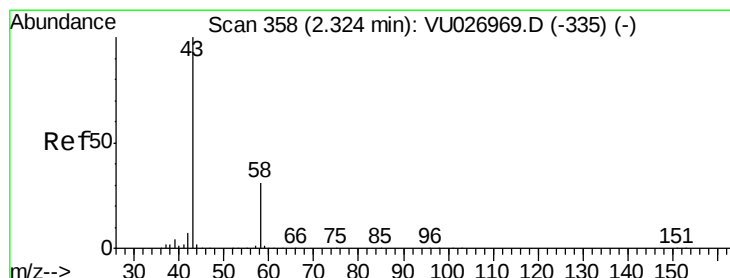
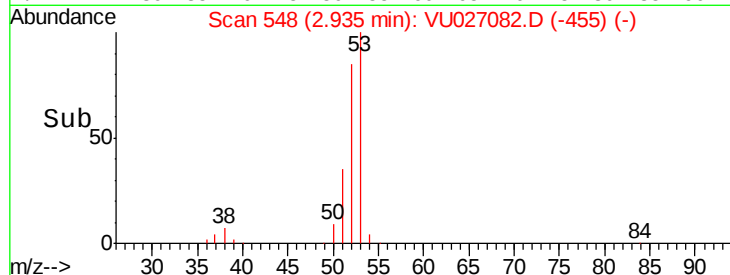
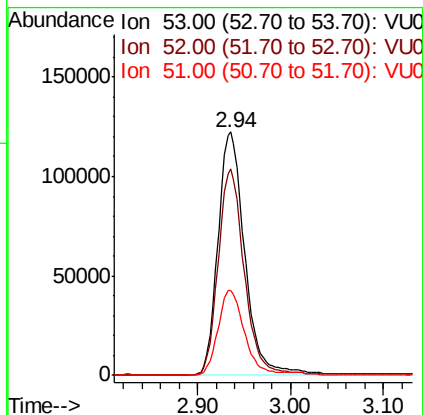
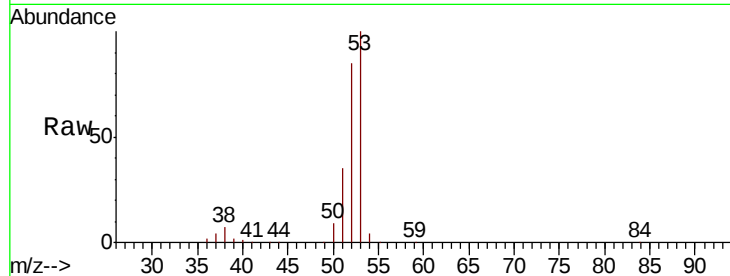
ClientSampleId :

BP-TT-SW4002-20180915MS

Tot Ion:	53	Resp:	246426
Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.7	98.5
51	34.1	27.4	41.2

Manual Integrations
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#16

Acetone

Concen: 263.446 ug/l

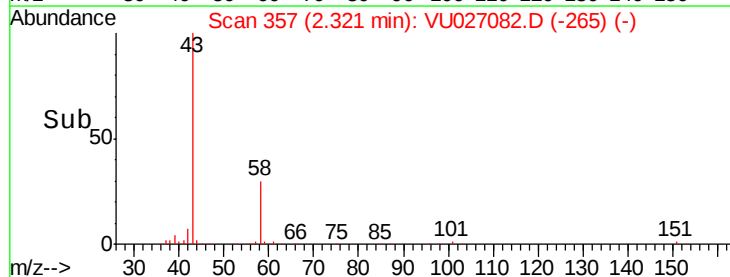
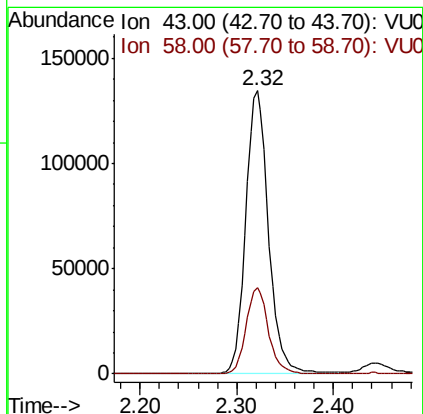
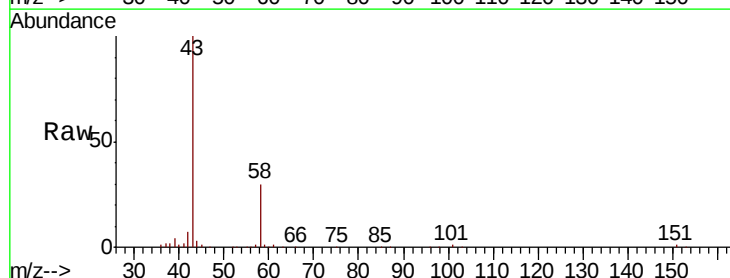
RT: 2.32 min Scan# 357

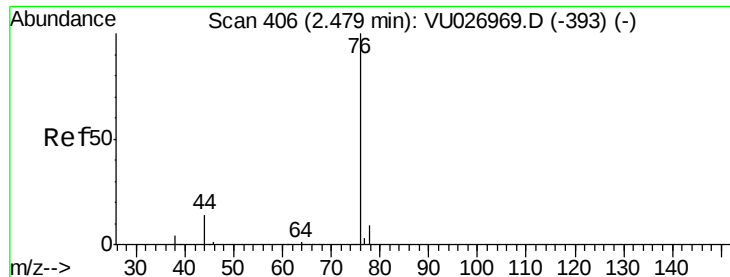
Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

Tgt Ion:	43	Resp:	220312
Ion	Ratio	Lower	Upper
43	100		
58	30.3	24.6	36.8





#17

Carbon Disulfide

Concen: 46.540 ug/l

RT: 2.48 min Scan# 406

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

Instrument :

MSVOA_U

ClientSampleId :

BP-TT-SW4002-20180915MS

Tot Ion: 76 Resp: 164349

Ion Ratio Lower Upper

76 100

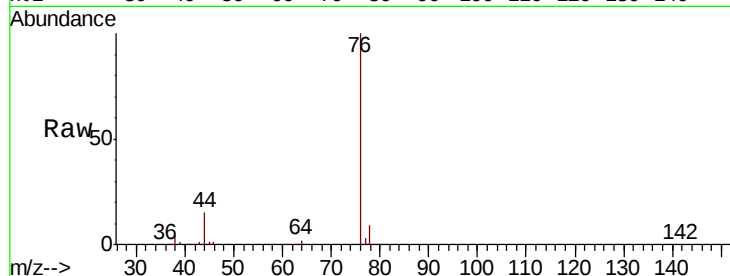
78 9.3 7.1 10.7

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VU027082.D (-313) (-)

Ion 77.90 (77.60 to 78.60): VU027082.D (-313) (-)

2.48

100000

80000

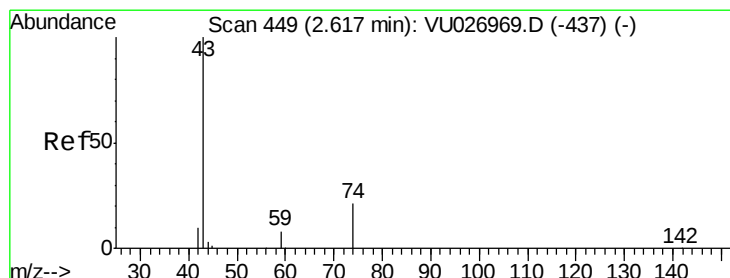
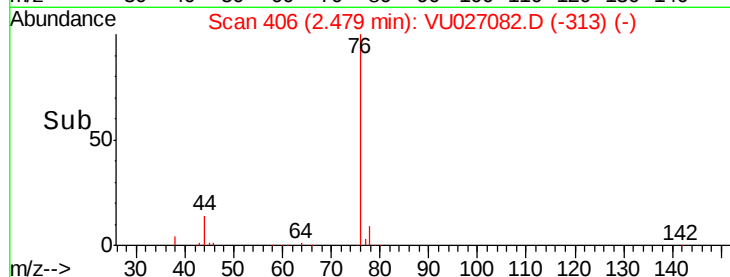
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 46.030 ug/l

RT: 2.61 min Scan# 448

Delta R.T. -0.00 min

Lab File: VU027082.D

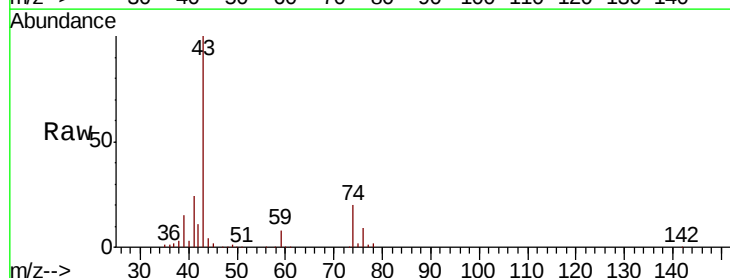
Acq: 23 Sep 2018 19:10

Tgt Ion: 43 Resp: 103493

Ion Ratio Lower Upper

43 100

74 20.7 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VU027082.D (-356) (-)

Ion 74.00 (73.70 to 74.70): VU027082.D (-356) (-)

2.61

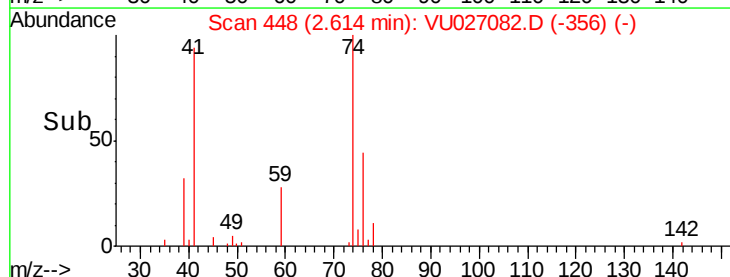
60000

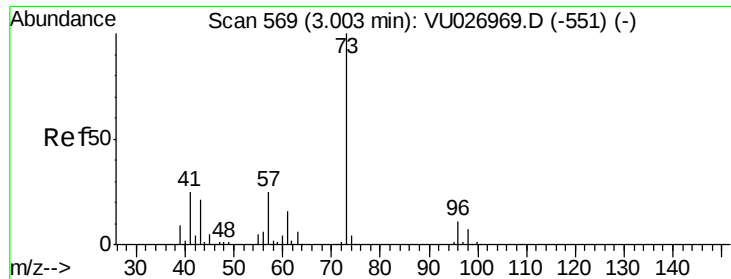
40000

20000

0

Time-->





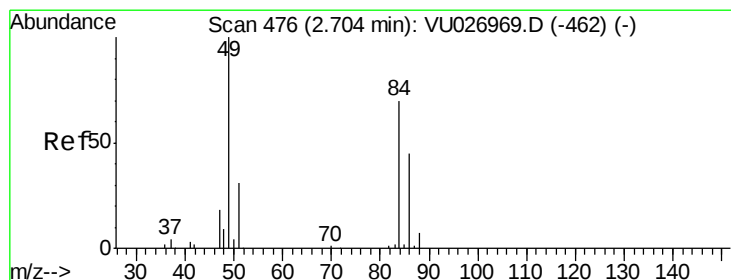
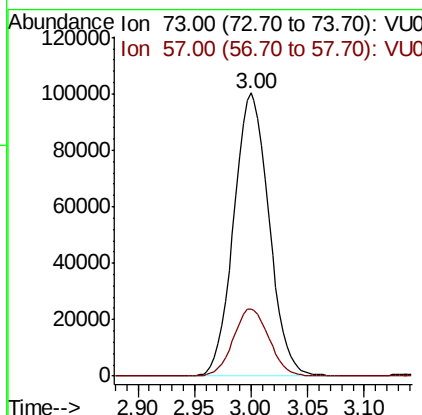
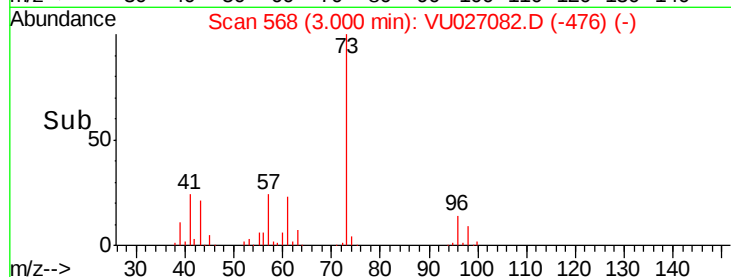
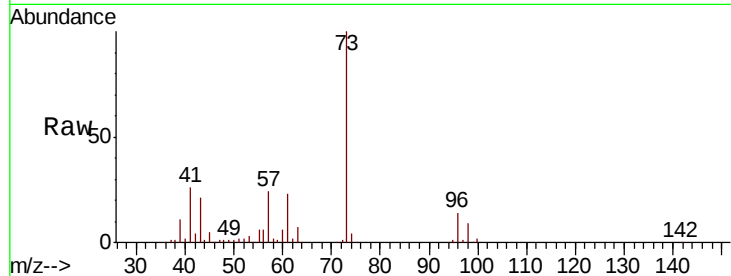
#19
Methyl tert-butyl Ether
Concen: 54.636 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Instrument :
MSVOA_U
ClientSampleId :
BP-TT-SW4002-20180915MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.9	19.8	29.6

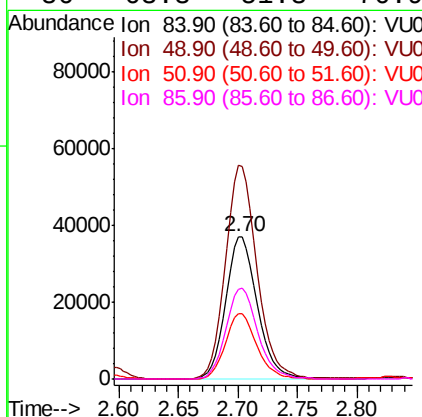
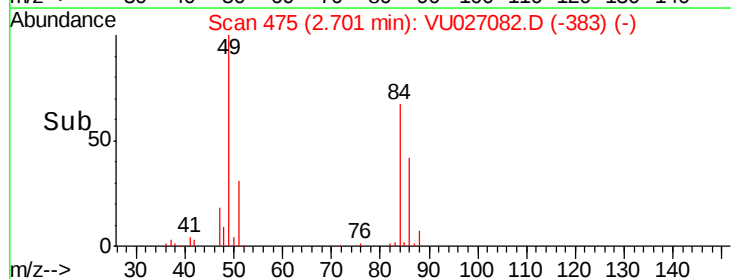
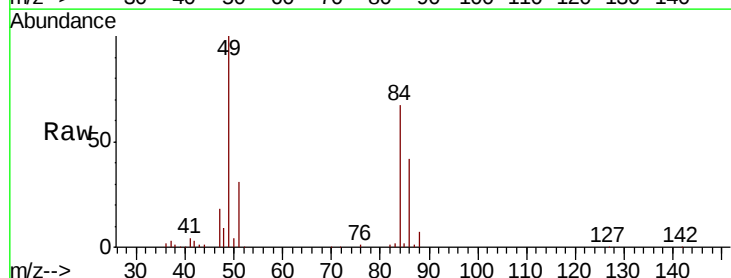
Manual Integrations
APPROVED

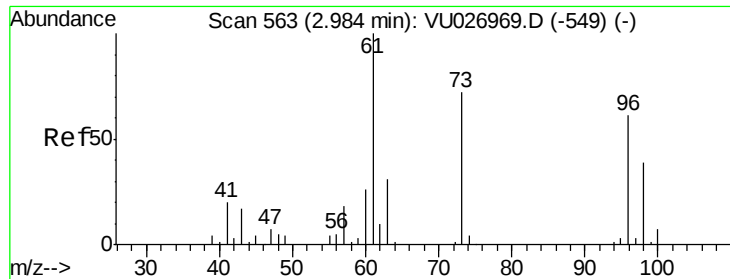
MMDadoda
9/24/2018 4:40:37 PM



#20
Methylene Chloride
Concen: 48.279 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Tgt Ion	Ratio	Lower	Upper
84	100		
49	149.8	114.9	172.3
51	46.1	35.8	53.8
86	63.3	51.3	76.9





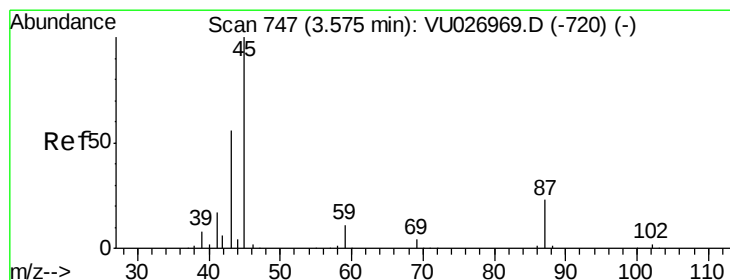
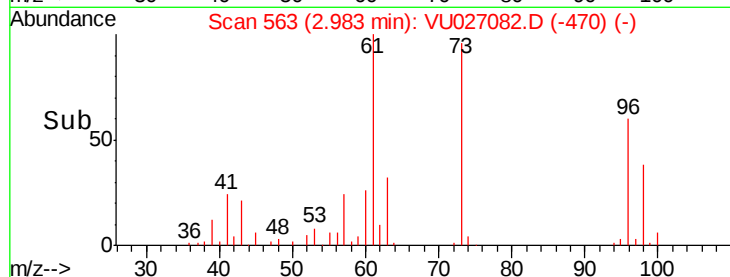
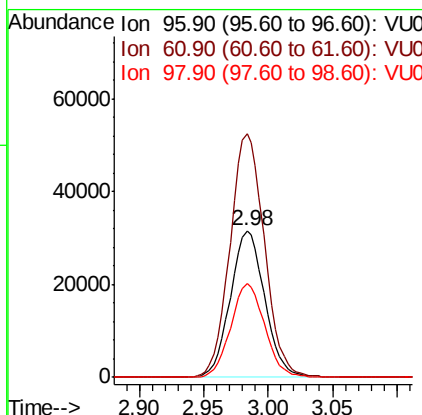
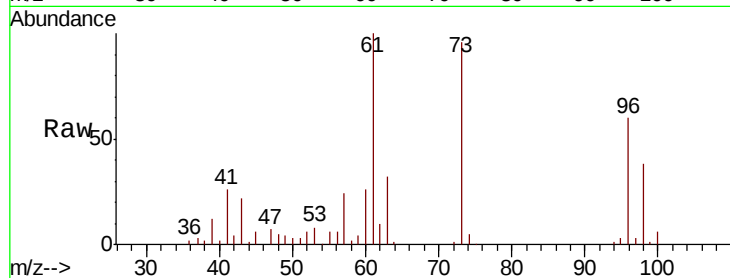
#21
trans-1,2-Dichloroethene
Concen: 50.685 ug/l
RT: 2.98 min Scan# 563
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Instrument :
MSVOA_U
ClientSampleId :
BP-TT-SW4002-20180915MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	165.9	131.8	197.6
98	63.6	50.9	76.3

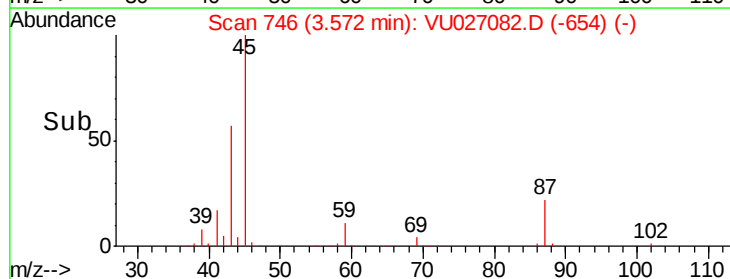
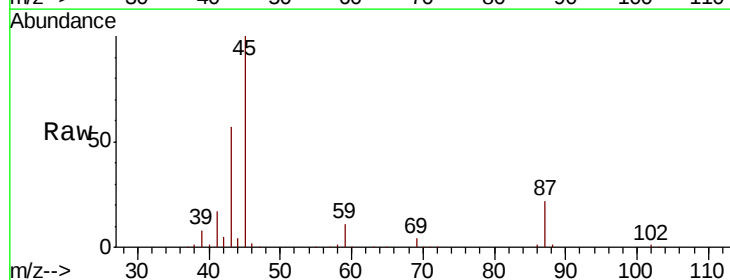
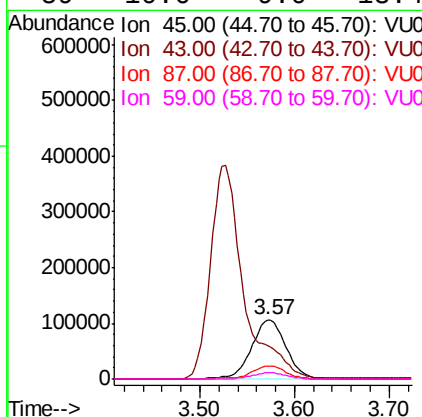
Manual Integrations
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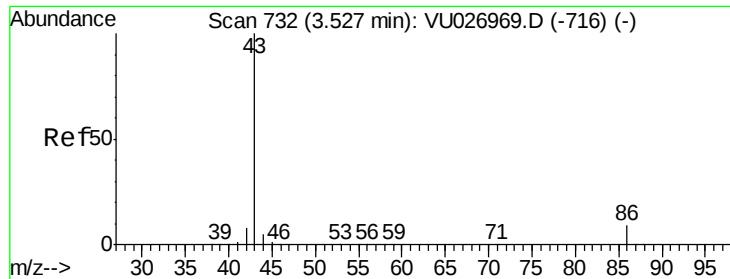
MMDadoda
9/24/2018 4:40:37 PM



#22
Diisopropyl ether
Concen: 57.326 ug/l
RT: 3.57 min Scan# 746
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Tgt Ion	Ratio	Lower	Upper
45	100		
43	54.8	45.8	68.6
87	21.8	18.6	28.0
59	10.6	9.0	13.4





#23

Vinyl Acetate

Concen: 234.244 ug/l

RT: 3.53 min Scan# 732

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

Instrument :

MSVOA_U

ClientSampleId :

BP-TT-SW4002-20180915MS

Tot Ion: 43 Resp: 939014

Ion Ratio Lower Upper

43 100

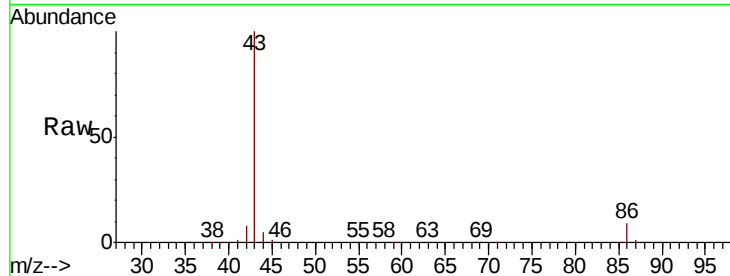
86 8.6 7.2 10.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-716) (-)

Ion 86.00 (85.70 to 86.70): VU026969.D (-716) (-)

3.53

400000

300000

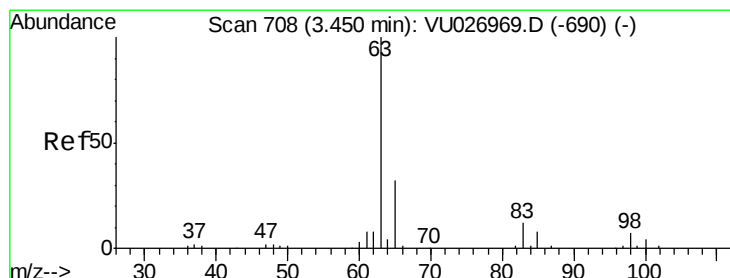
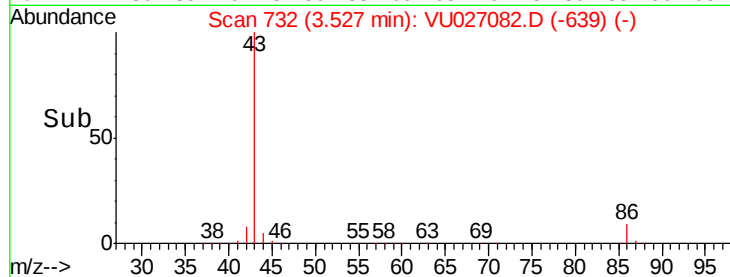
200000

100000

0

3.40 3.50 3.60 3.70

Time-->



#24

1,1-Dichloroethane

Concen: 53.021 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

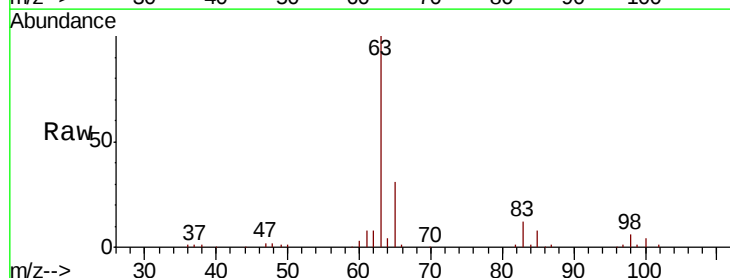
Tgt Ion: 63 Resp: 137330

Ion Ratio Lower Upper

63 100

98 6.0 3.3 9.8

100 3.8 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VU026969.D (-690) (-)

Ion 97.90 (97.60 to 98.60): VU026969.D (-690) (-)

Ion 99.90 (99.60 to 100.60): VU026969.D (-690) (-)

3.45

80000

60000

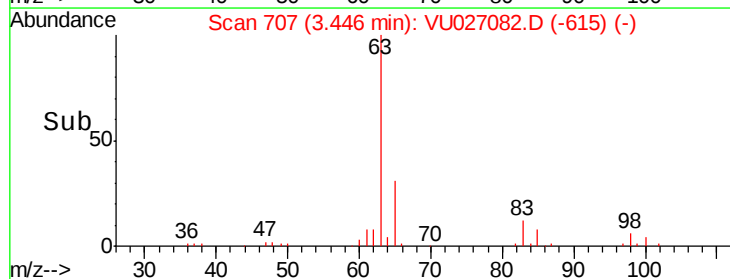
40000

20000

0

3.35 3.40 3.45 3.50 3.55

Time-->





#25

2-Butanone

Concen: 263.918 ug/l

RT: 4.26 min Scan# 960

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

Instrument :

MSVOA_U

ClientSampleId :

BP-TT-SW4002-20180915MS

Tot Ion: 43 Resp: 350363

Ion Ratio Lower Upper

43 100

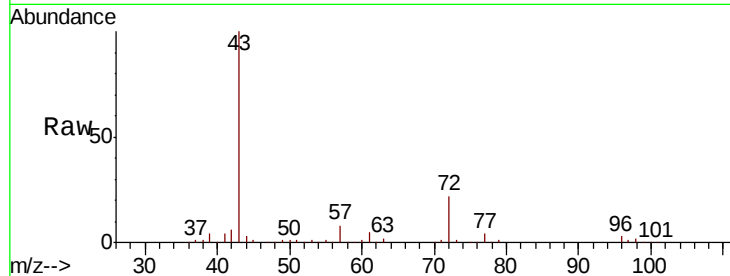
72 22.2 18.4 27.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-936) (-)

Ion 72.00 (71.70 to 72.70): VU026969.D (-936) (-)

150000

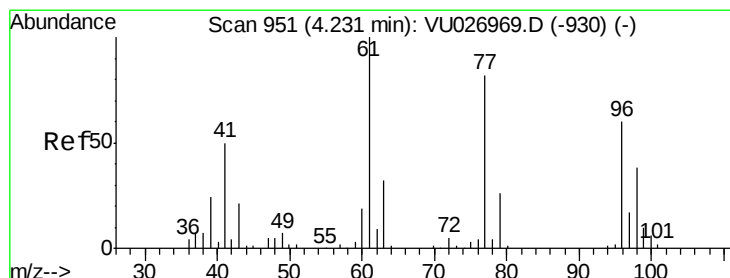
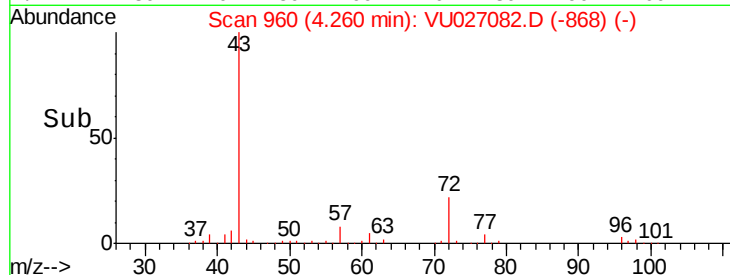
100000

50000

0

4.20 4.30

Time-->



#26

2,2-Dichloropropane

Concen: 31.778 ug/l

RT: 4.23 min Scan# 951

Delta R.T. -0.00 min

Lab File: VU027082.D

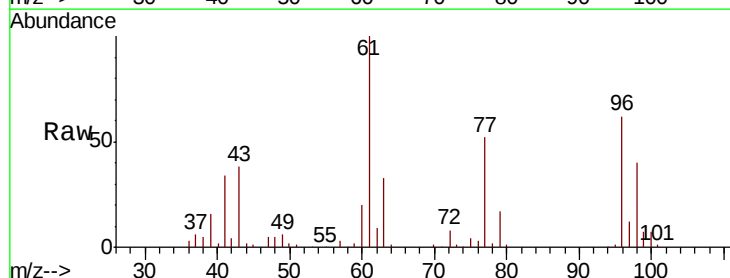
Acq: 23 Sep 2018 19:10

Tgt Ion: 77 Resp: 64190

Ion Ratio Lower Upper

77 100

97 21.7 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VU026969.D (-930) (-)

Ion 96.90 (96.60 to 97.60): VU026969.D (-930) (-)

25000

20000

15000

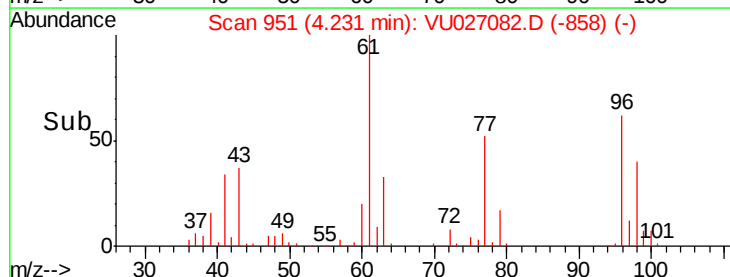
10000

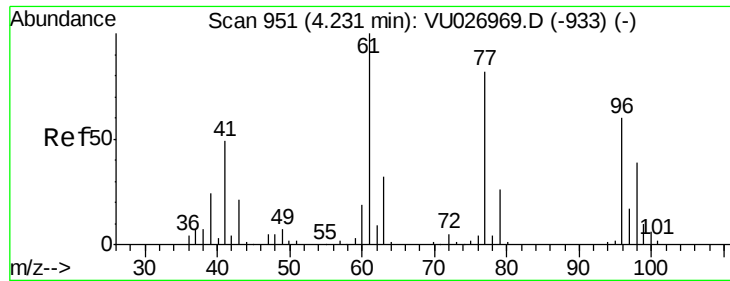
5000

0

4.10 4.20 4.30

Time-->





#27

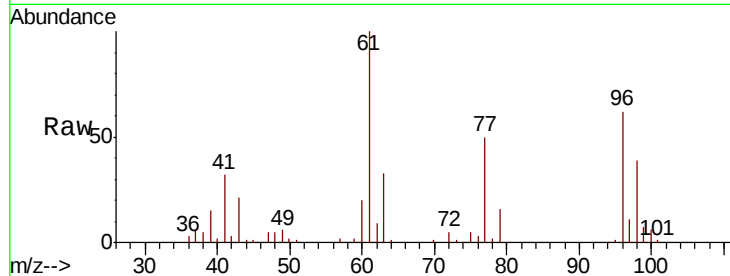
cis-1,2-Dichloroethene
Concen: 51.849 ug/l
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Instrument :
MSVOA_U
ClientSampleId :
BP-TT-SW4002-20180915MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	165.7	0.0	337.2
98	64.2	0.0	127.6

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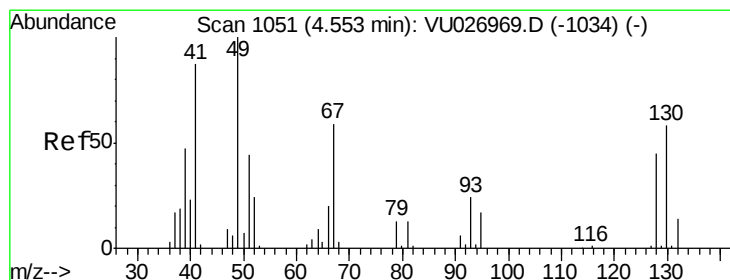
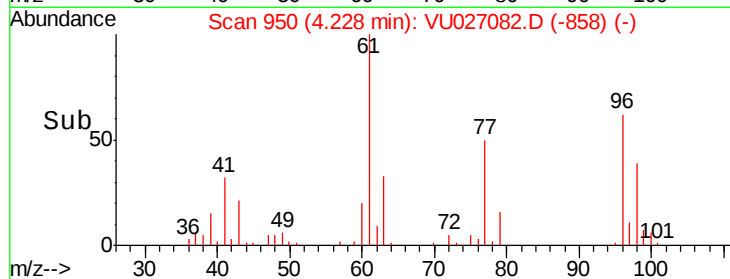
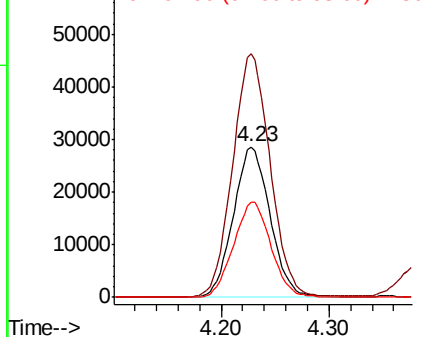


Abundance

Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

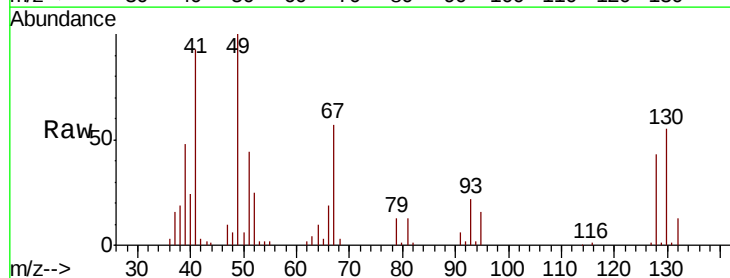
Ion 97.90 (97.60 to 98.60): VU0



#28

Bromochloromethane
Concen: 58.371 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.0
130	54.3	47.8	71.8

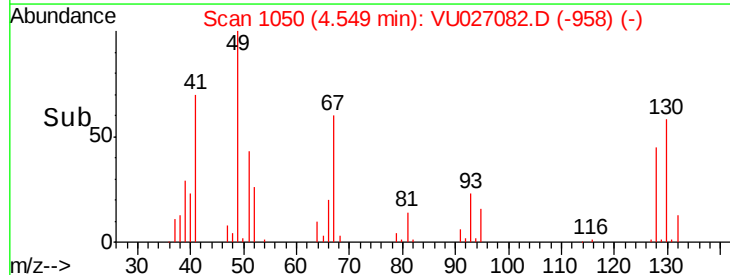
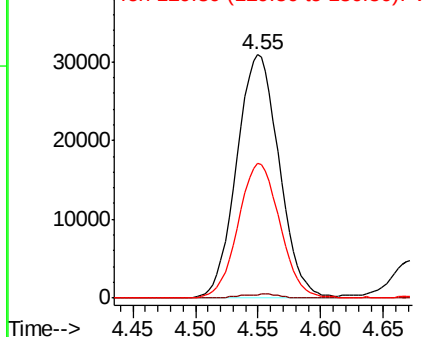


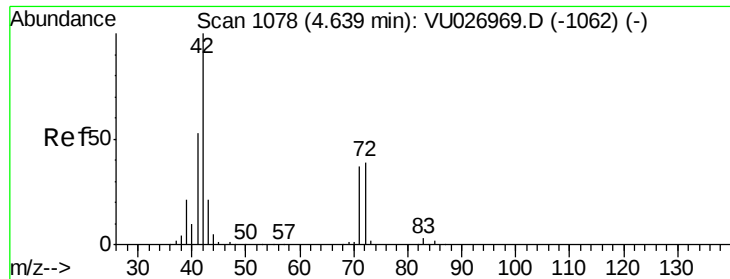
Abundance

Ion 48.90 (48.60 to 49.60): VU0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





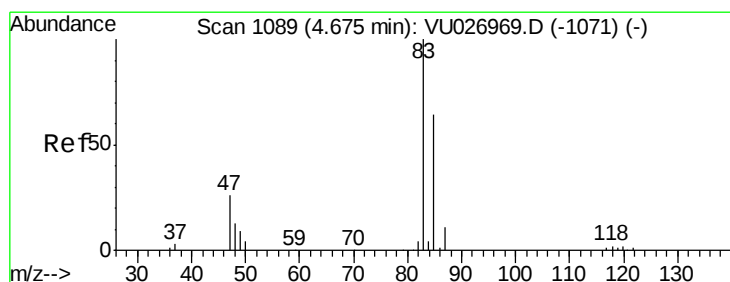
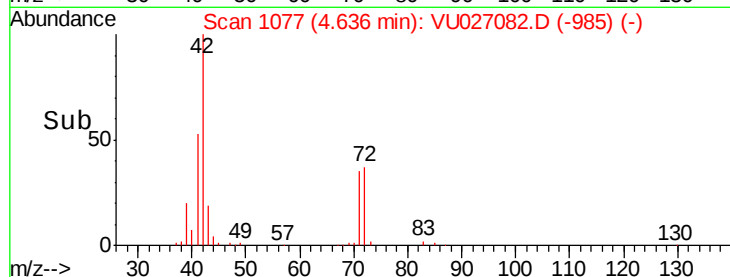
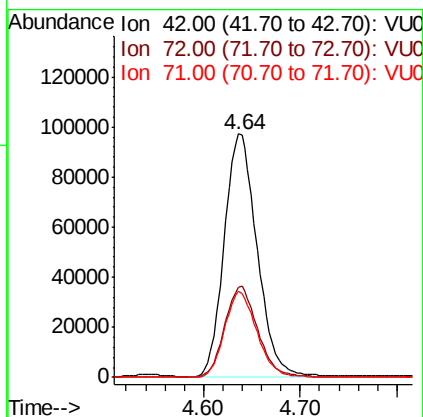
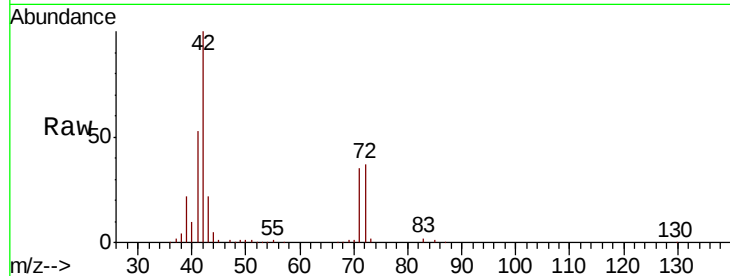
#29
Tetrahydrofuran
Concen: 285.795 ug/l
RT: 4.64 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Instrument :
MSVOA_U
ClientSampleId :
BP-TT-SW4002-20180915MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.6	31.7	47.5
71	34.7	29.6	44.4

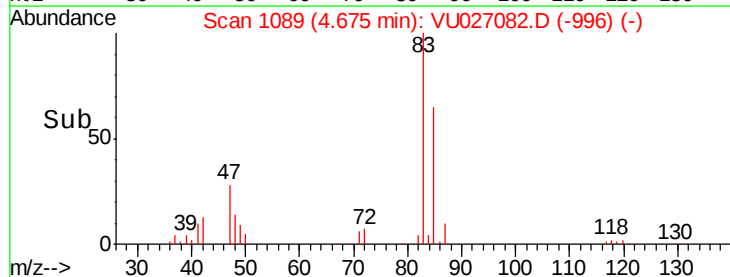
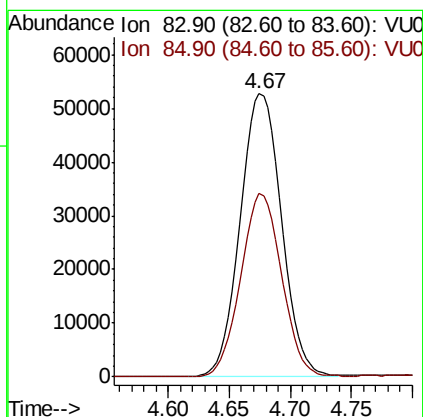
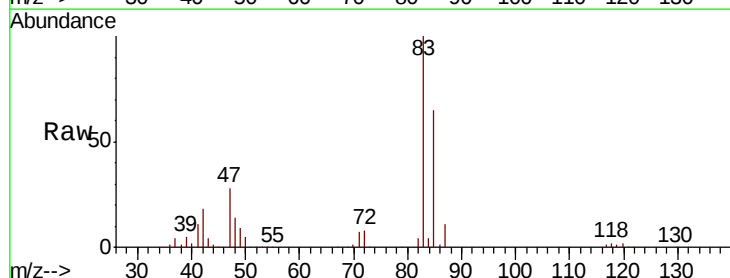
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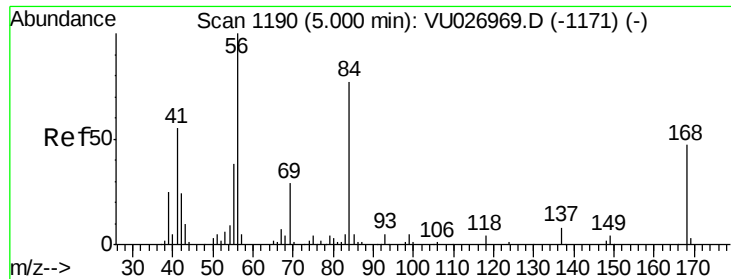
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#30
Chloroform
Concen: 51.478 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.5	77.3





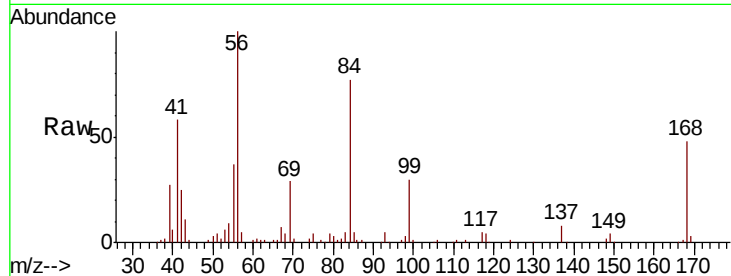
#31
Cyclohexane
Concen: 49.008 ug/l
RT: 5.00 min Scan# 1190
Delta R.T. 0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Instrument :
MSVOA_U
ClientSampleId :
BP-TT-SW4002-20180915MS

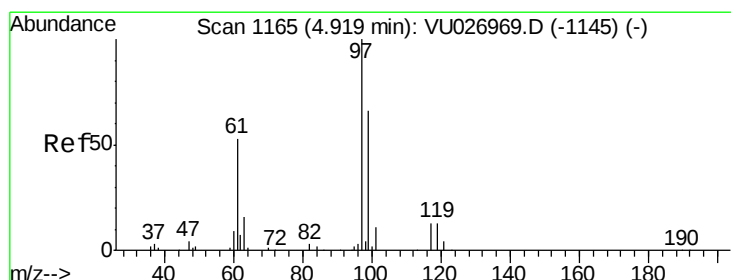
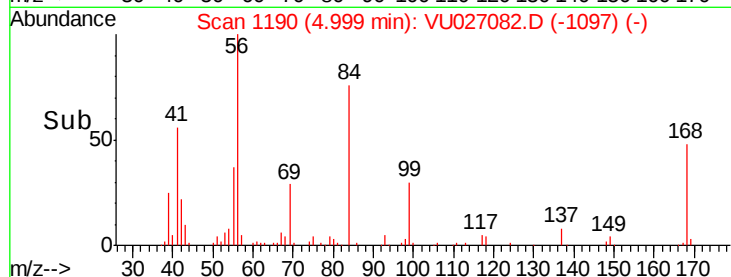
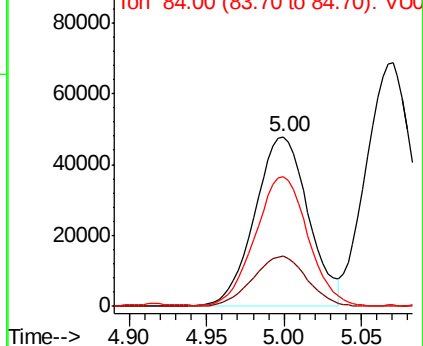
Tot Ion	Ratio	Lower	Upper
56	100		
69	29.4	23.0	34.4
84	76.0	61.4	92.2

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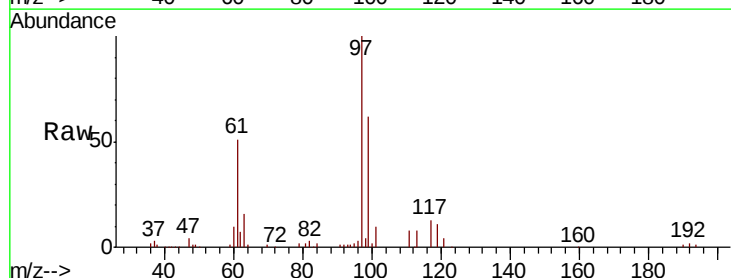


Abundance Ion 56.00 (55.70 to 56.70): VU026969.D (-1171) (-)
Ion 69.00 (68.70 to 69.70): VU026969.D (-1171) (-)
Ion 84.00 (83.70 to 84.70): VU026969.D (-1171) (-)

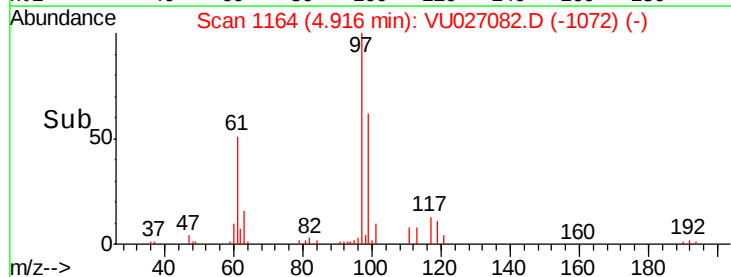
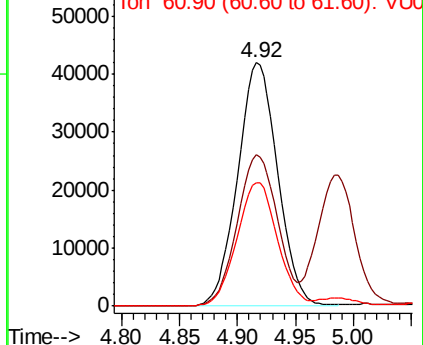


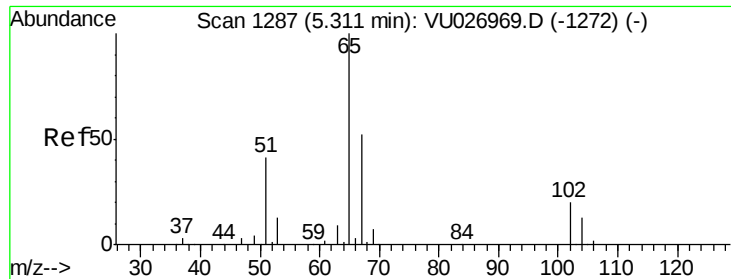
#32
1,1,1-Trichloroethane
Concen: 52.576 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.3	51.8	77.6
61	51.5	41.1	61.7



Abundance Ion 96.90 (96.60 to 97.60): VU026969.D (-1145) (-)
Ion 98.90 (98.60 to 99.60): VU026969.D (-1145) (-)
Ion 60.90 (60.60 to 61.60): VU026969.D (-1145) (-)





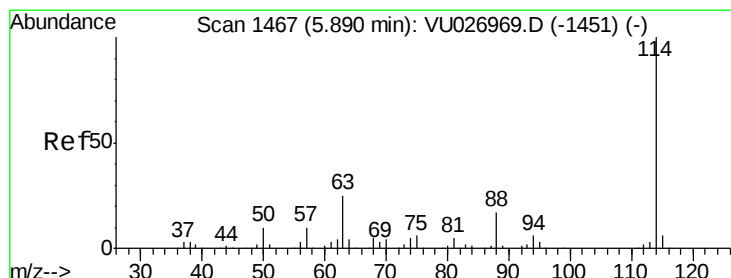
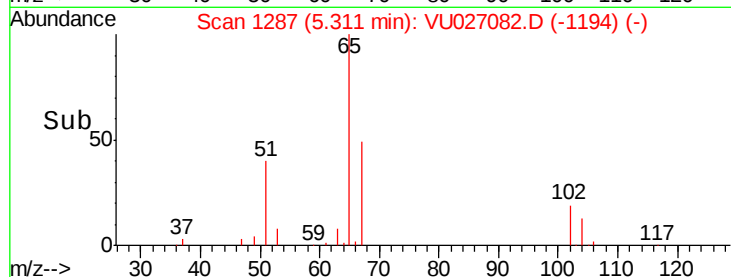
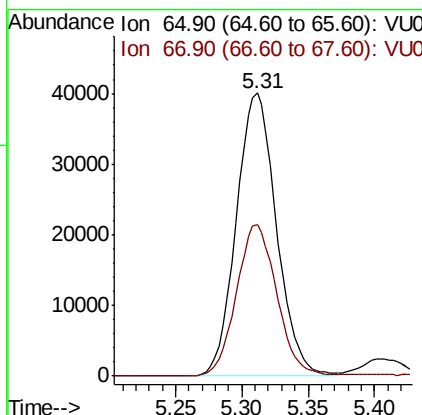
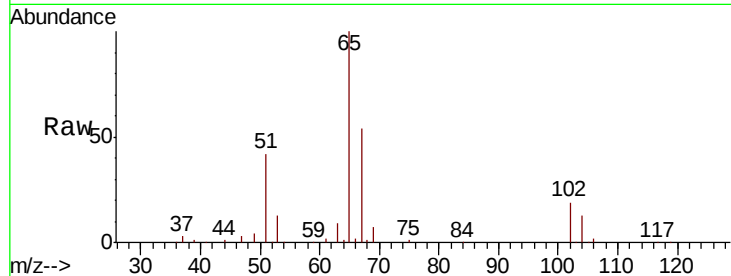
#33
 1,2-Dichloroethane-d4
 Concen: 53.470 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: VU027082.D
 Acq: 23 Sep 2018 19:10

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TT-SW4002-20180915MS

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	105.6

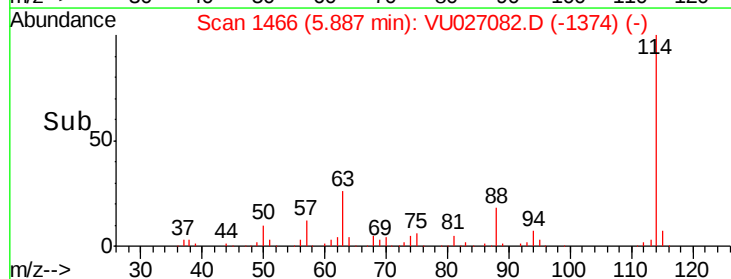
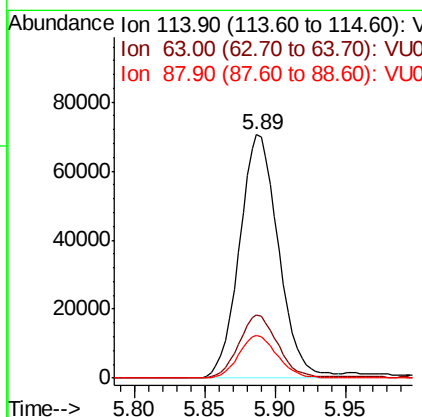
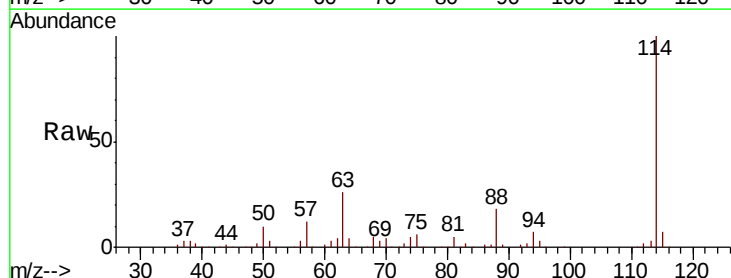
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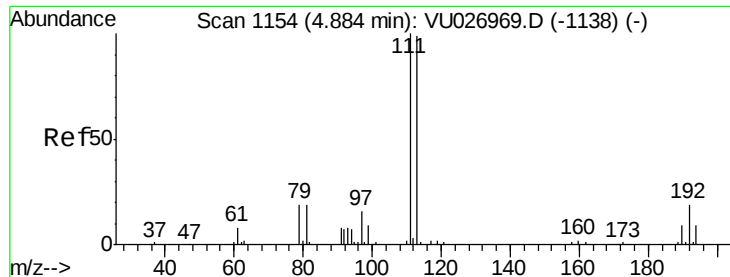
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027082.D
 Acq: 23 Sep 2018 19:10

Tgt Ion	Ratio	Lower	Upper
114	100		
63	26.1	0.0	49.2
88	17.6	0.0	33.8





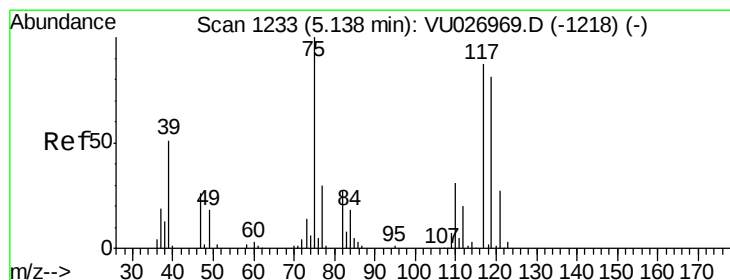
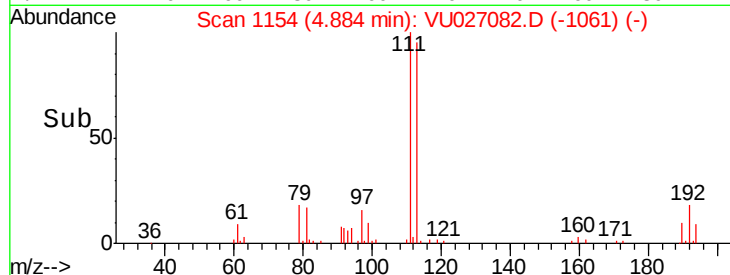
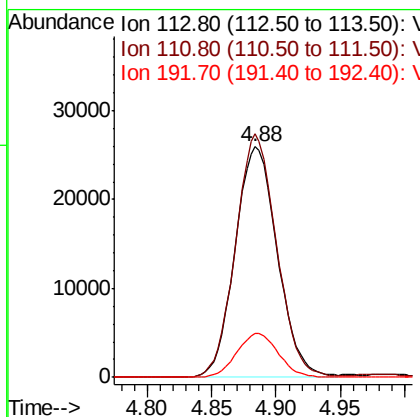
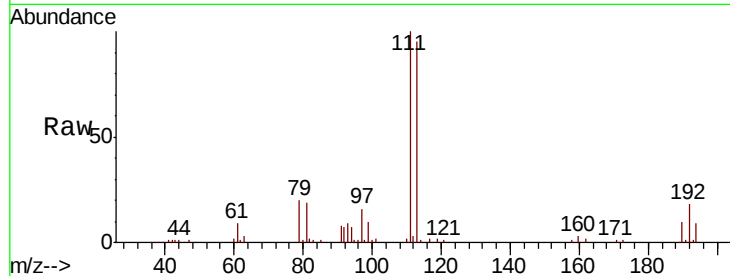
#35
 Dibromofluoromethane
 Concen: 49.950 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU027082.D
 Acq: 23 Sep 2018 19:10

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TT-SW4002-20180915MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.5	82.2	123.4	
192	18.6	15.2	22.8	

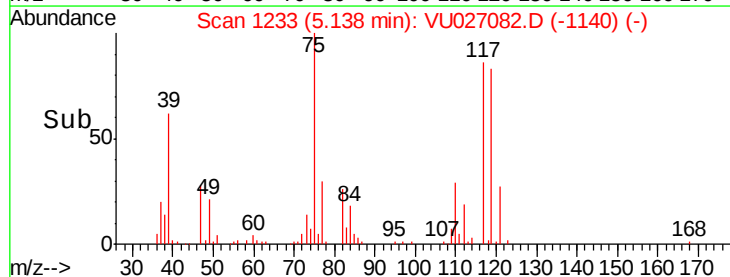
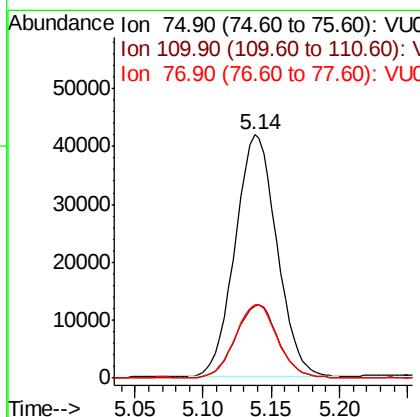
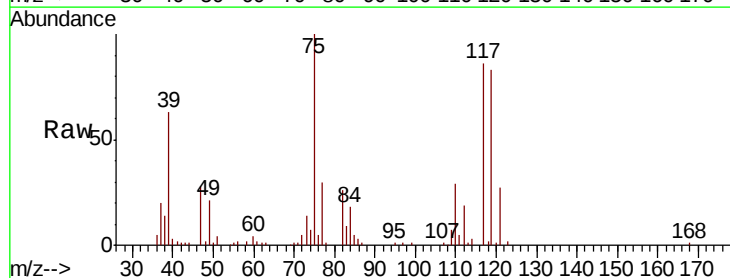
Manual Integrations
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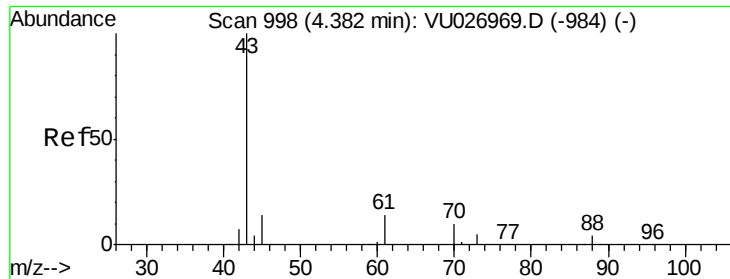
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 48.604 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: VU027082.D
 Acq: 23 Sep 2018 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	31.0	16.1	48.2	
77	30.9	24.6	36.8	





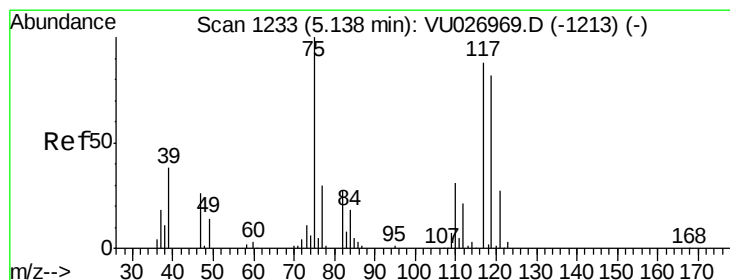
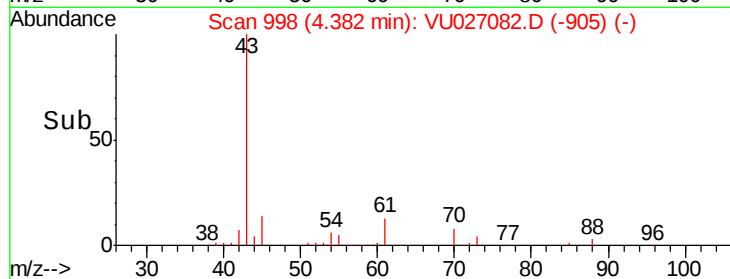
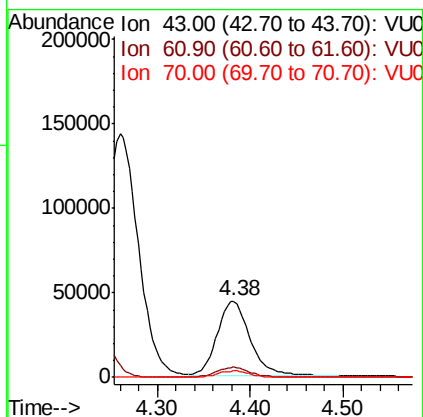
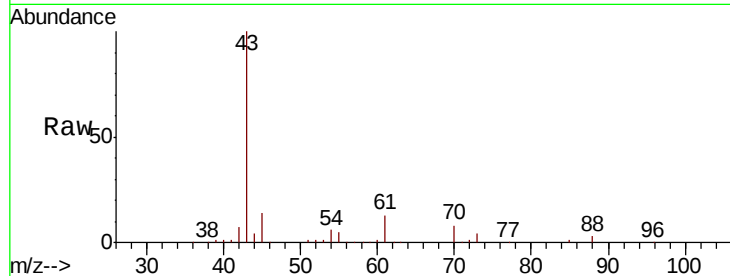
#37
Ethyl Acetate
Concen: 44.424 ug/l
RT: 4.38 min Scan# 998
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Instrument :
MSVOA_U
ClientSampleId :
BP-TT-SW4002-20180915MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.5	15.7
70	8.4	7.4	11.0

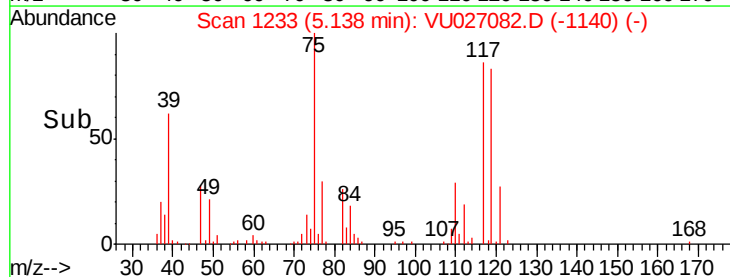
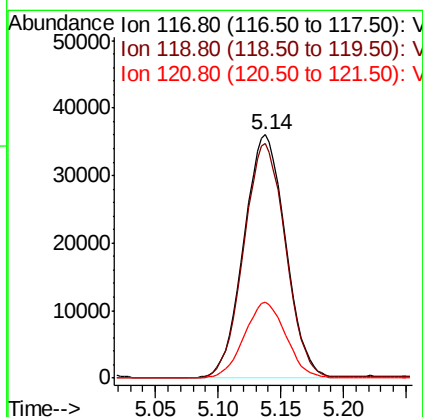
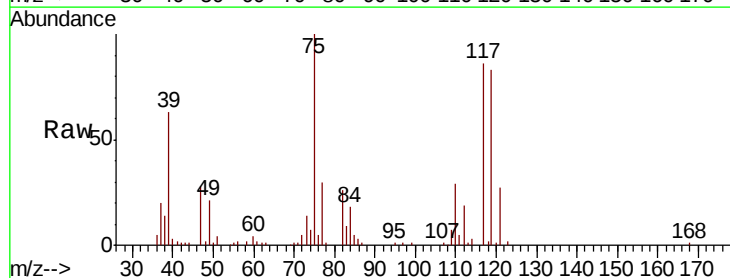
Manual Integrations
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#38
Carbon Tetrachloride
Concen: 48.120 ug/l
RT: 5.14 min Scan# 1233
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	74.4	111.6
121	31.3	24.2	36.4





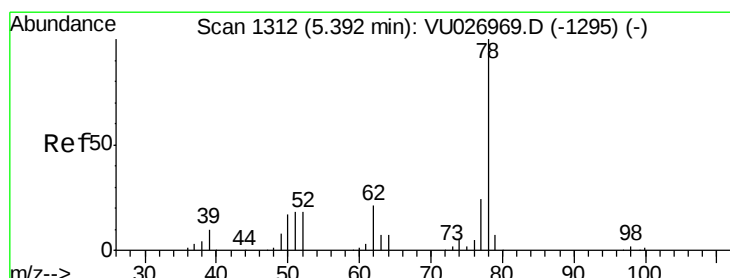
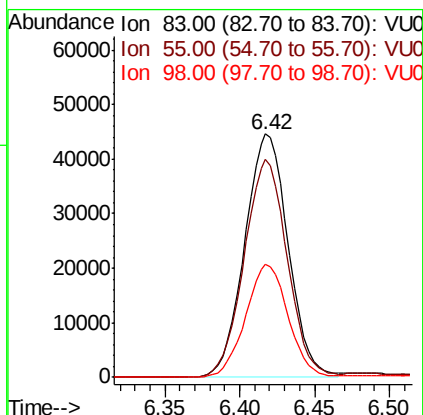
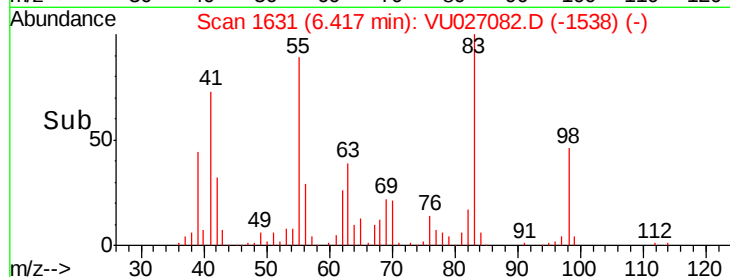
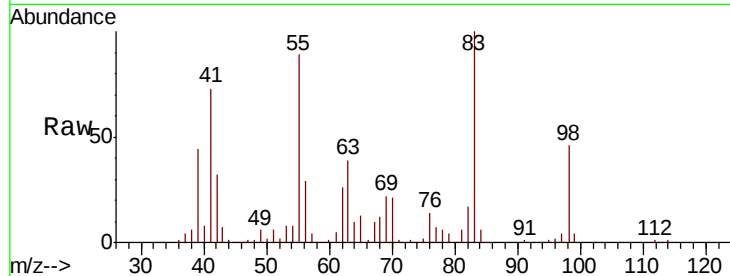
#39
Methvlcvclohexane
Concen: 45.365 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Instrument :
MSVOA_U
ClientSampleId :
BP-TT-SW4002-20180915MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	89.5	69.9	104.9
98	46.4	37.5	56.3

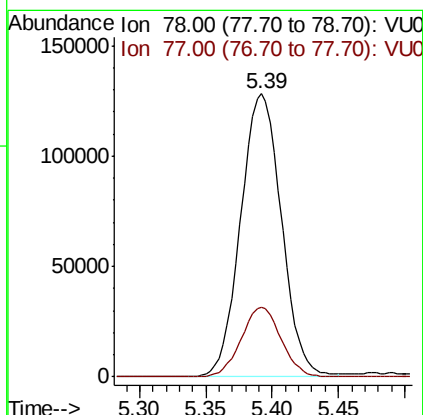
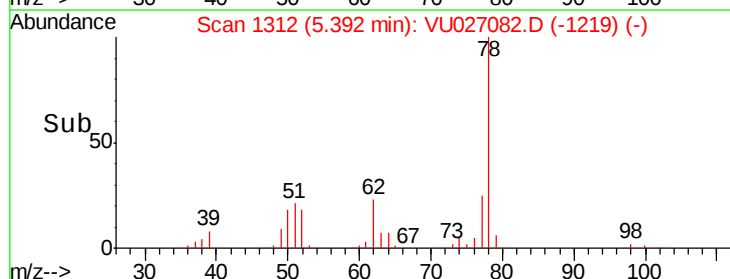
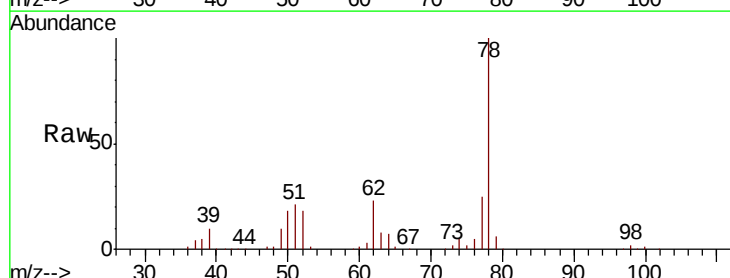
Manual Integrations
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#40
Benzene
Concen: 49.542 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.4	29.0





#41

Methacrylonitrile

Concen: 56.906 ug/l

RT: 4.54 min Scan# 1048

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

Instrument :

MSVOA_U

ClientSampleId :

BP-TT-SW4002-20180915MS

Tot Ion: 41 Resp: 73071

Ion Ratio Lower Upper

41 100

39 53.6 42.9 64.3

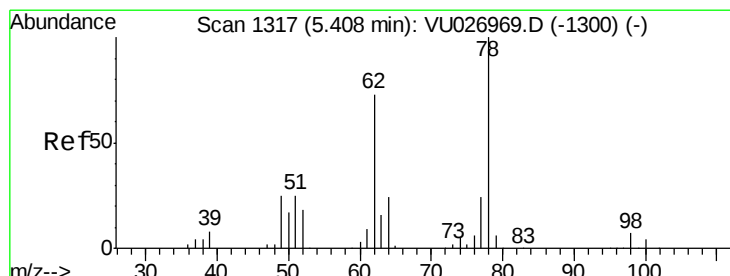
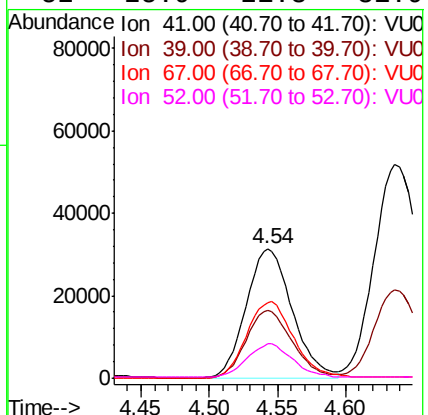
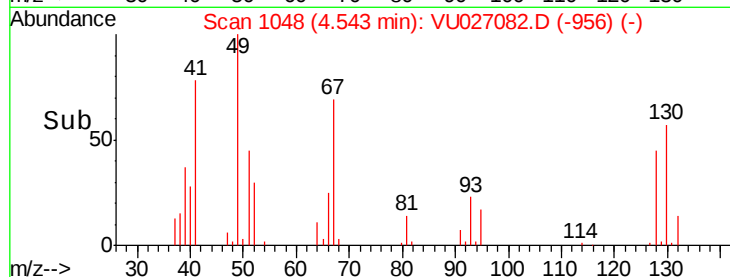
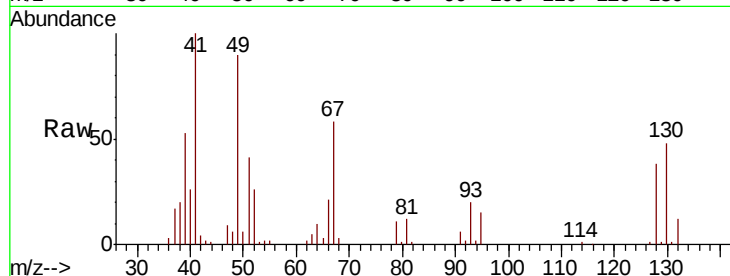
67 61.3 52.4 78.6

52 25.9 21.3 31.9

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 51.273 ug/l

RT: 5.40 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VU027082.D

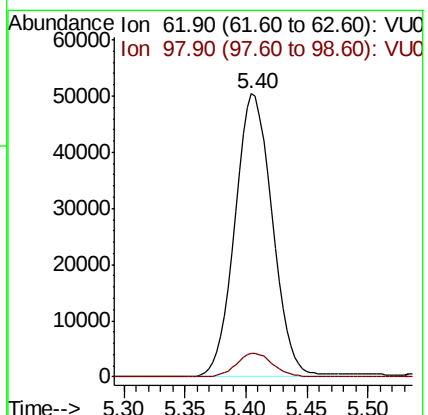
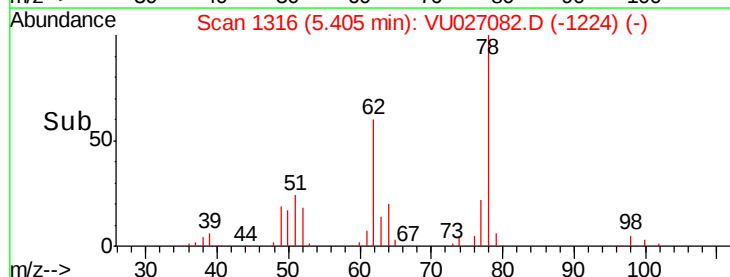
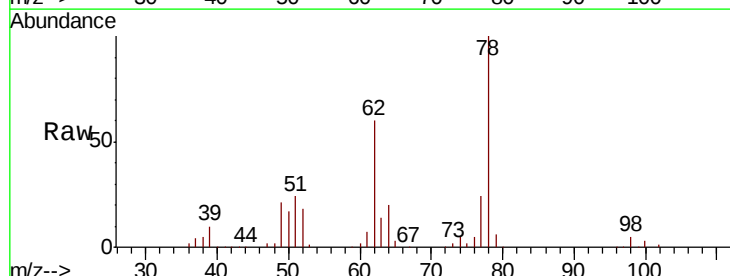
Acq: 23 Sep 2018 19:10

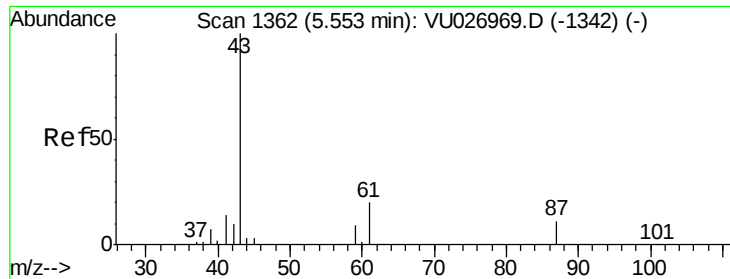
Tgt Ion: 62 Resp: 107556

Ion Ratio Lower Upper

62 100

98 8.1 0.0 17.0





#43

Isopropyl Acetate

Concen: 49.078 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

Instrument :

MSVOA_U

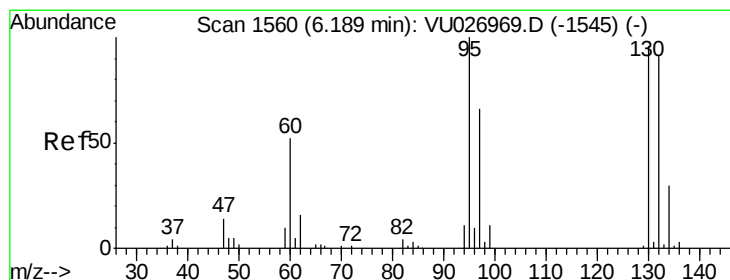
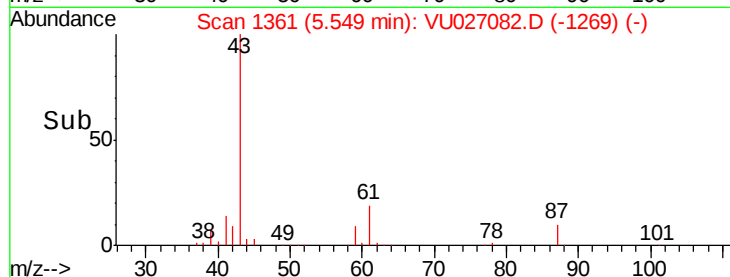
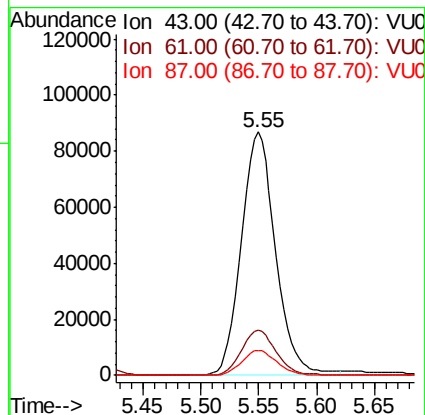
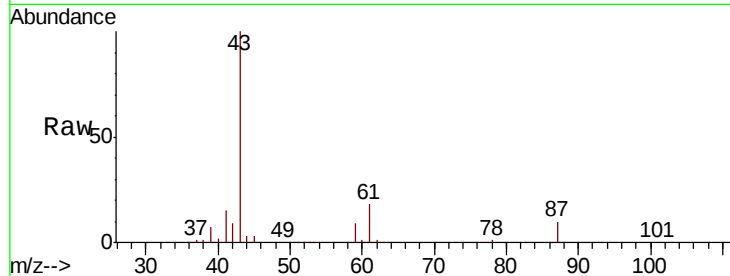
ClientSampleId :

BP-TT-SW4002-20180915MS

Tot Ion:	43	Resp:	176964
Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.7	23.5
87	10.6	9.0	13.4

Manual Integrations
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#44

Trichloroethene

Concen: 47.916 ug/l

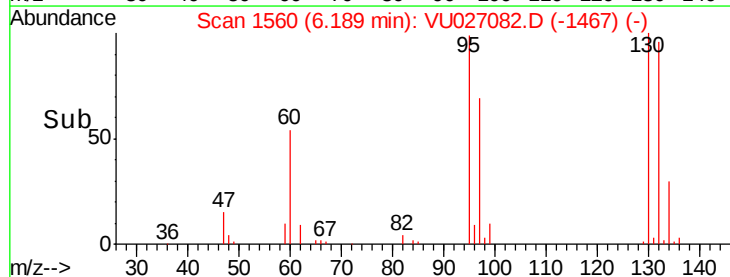
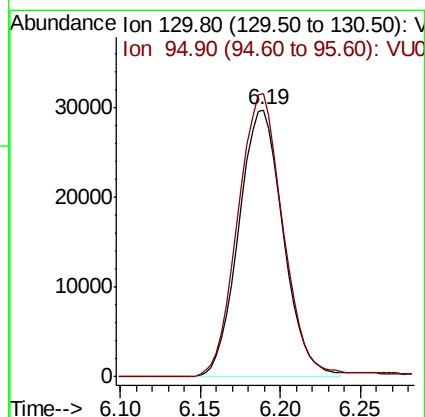
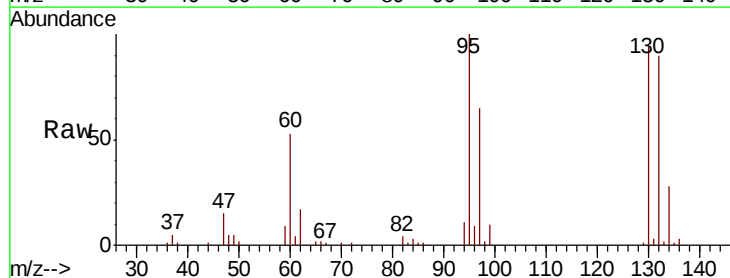
RT: 6.19 min Scan# 1560

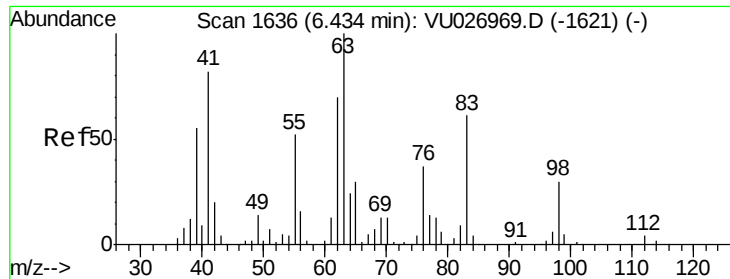
Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

Tgt Ion:	130	Resp:	56638
Ion	Ratio	Lower	Upper
130	100		
95	106.1	0.0	208.8





#45

1,2-Dichloropropane

Concen: 52.794 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

Instrument :

MSVOA_U

ClientSampleId :

BP-TT-SW4002-20180915MS

Tot Ion: 63 Resp: 83522

Ion Ratio Lower Upper

63 100

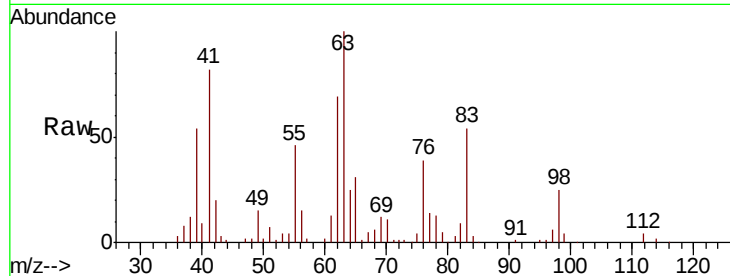
65 31.3 24.3 36.5

Manual Integrations

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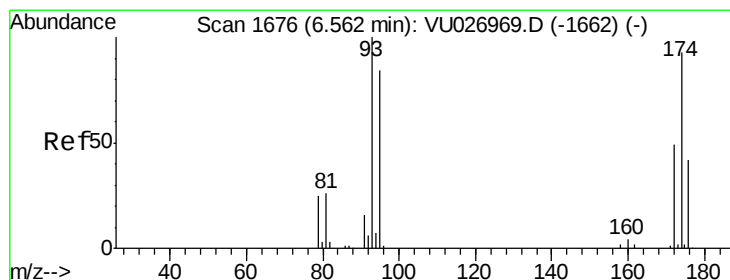
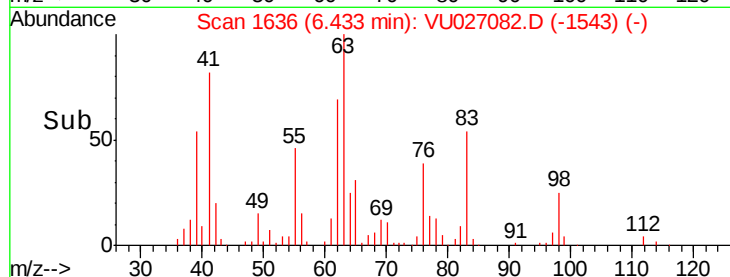


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0

6.43

Time-->



#46

Dibromomethane

Concen: 50.454 ug/l

RT: 6.56 min Scan# 1676

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

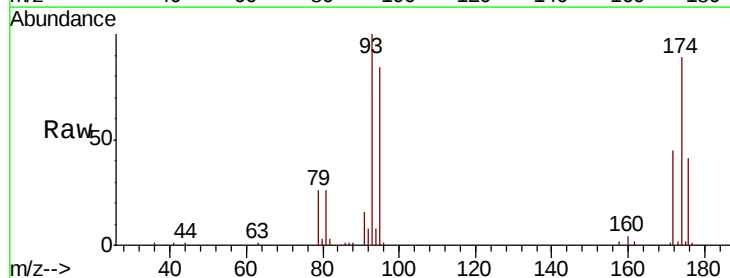
Tgt Ion: 93 Resp: 48207

Ion Ratio Lower Upper

93 100

95 80.8 66.2 99.4

174 87.6 71.7 107.5



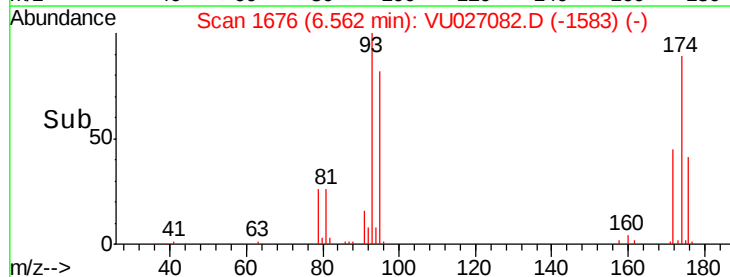
Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V

6.56

Time-->





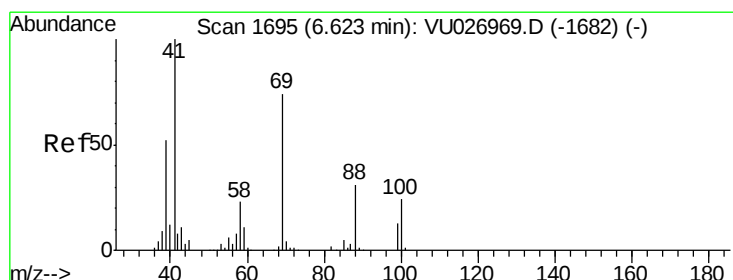
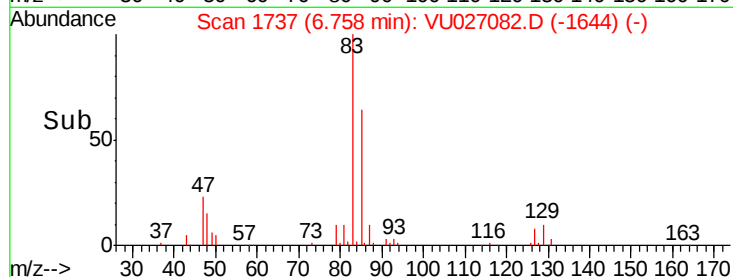
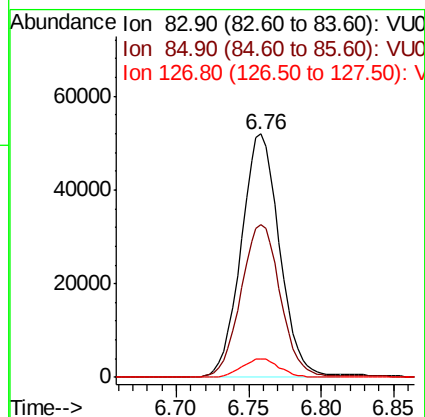
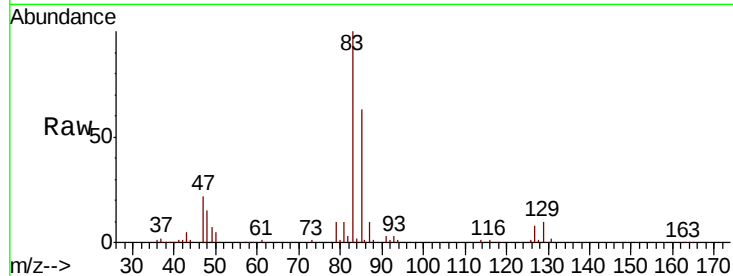
#47
Bromodichloromethane
Concen: 49.621 ug/l
RT: 6.76 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Instrument :
MSVOA_U
ClientSampleId :
BP-TT-SW4002-20180915MS

Tot Ion	83	Resp	95868
Ion Ratio	100	Lower	Upper
83	100		
85	62.9	52.5	78.7
127	7.7	6.3	9.5

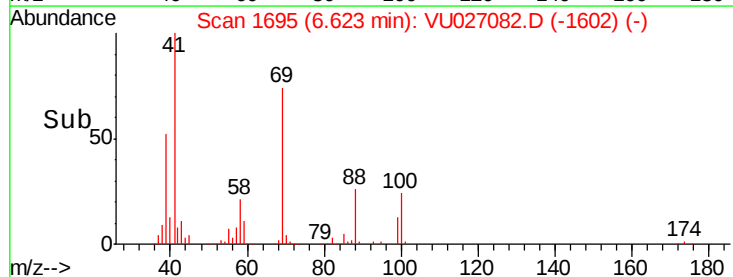
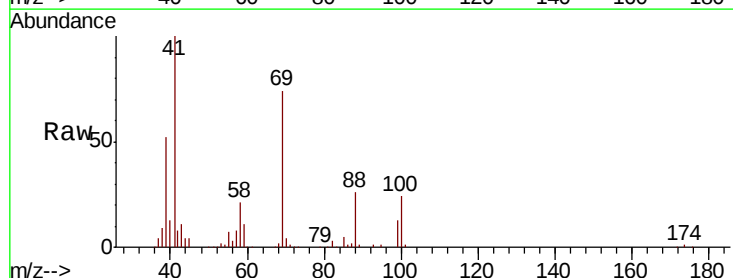
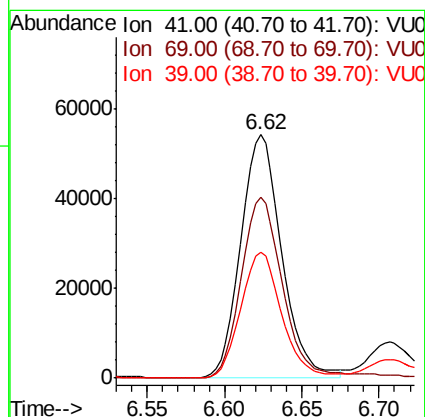
Manual Integrations
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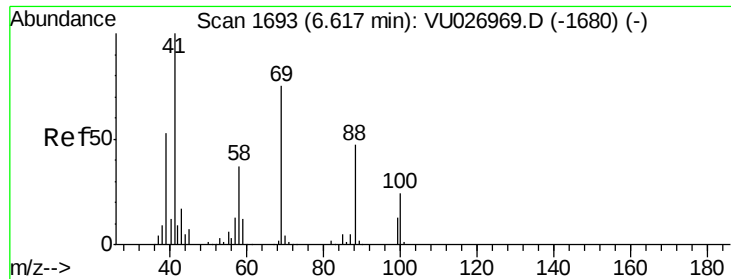
MMDadoda
9/24/2018 4:40:37 PM



#48
Methyl methacrylate
Concen: 50.687 ug/l
RT: 6.62 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Tgt Ion	41	Resp	99503
Ion Ratio	100	Lower	Upper
41	100		
69	75.1	60.6	90.8
39	52.2	42.8	64.2





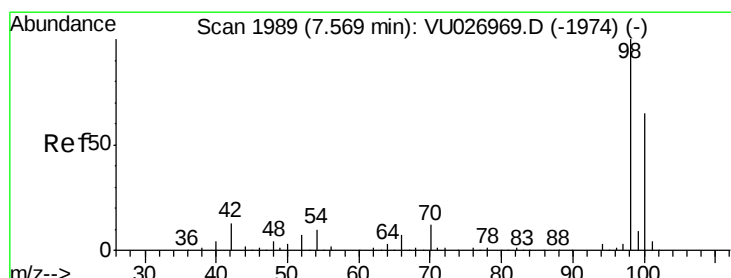
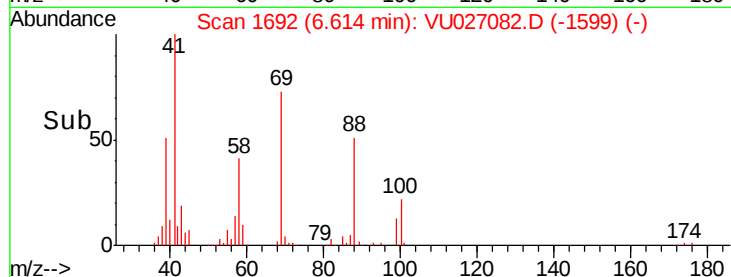
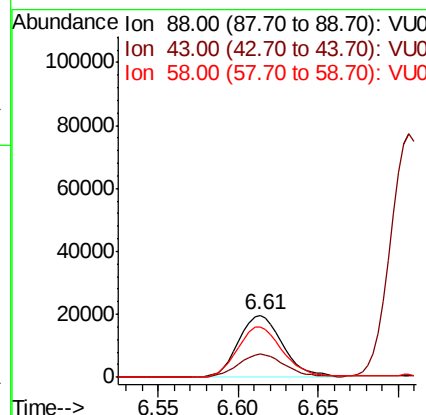
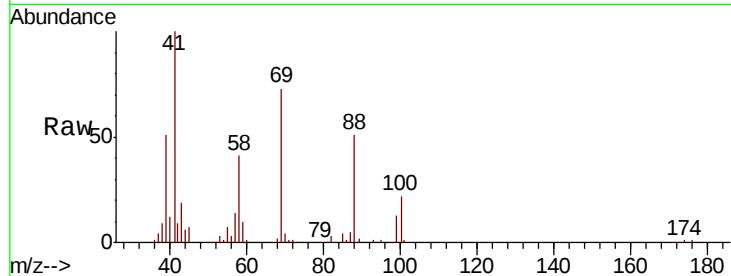
#49
1,4-Dioxane
Concen: 962.868 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Instrument :
MSVOA_U
ClientSampleId :
BP-TT-SW4002-20180915MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.9	29.8	44.8
58	83.6	63.9	95.9

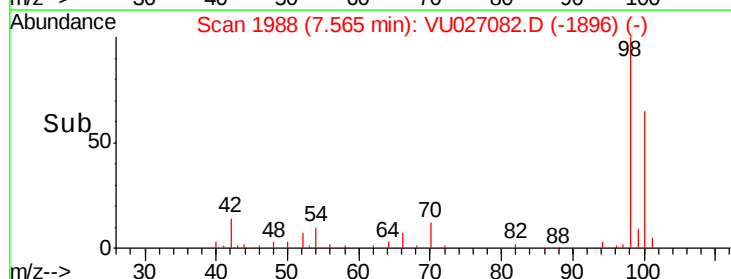
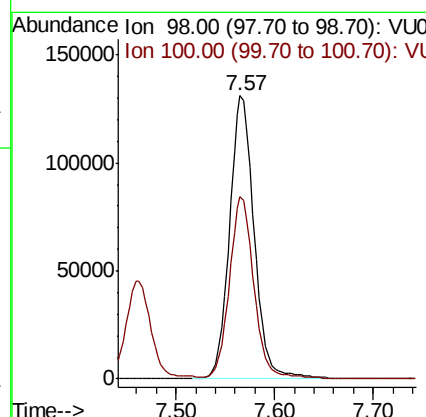
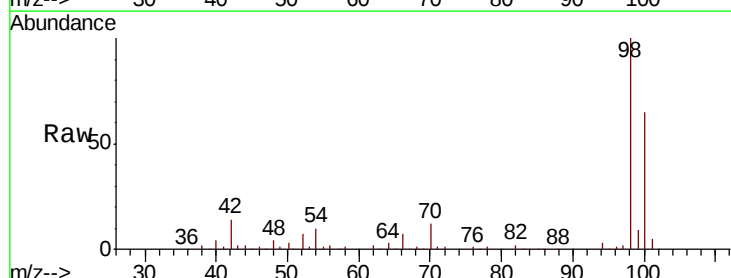
Manual Integrations
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#50
Toluene-d8
Concen: 50.796 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 279.703 ug/l

RT: 7.46 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

Instrument :

MSVOA_U

ClientSampleId :

BP-TT-SW4002-20180915MS

Tot Ion: 43 Resp: 678313

Ion Ratio Lower Upper

43 100

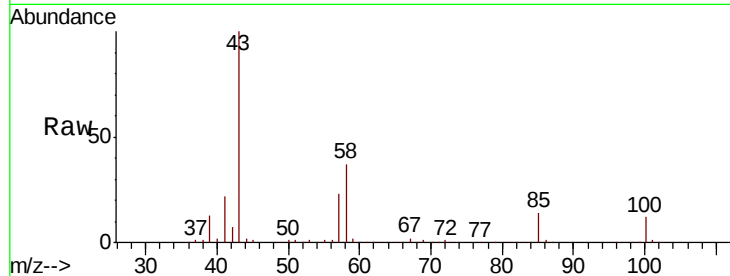
58 36.6 29.8 44.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-1939) (-)

Ion 58.00 (57.70 to 58.70): VU026969.D (-1939) (-)

7.46

400000

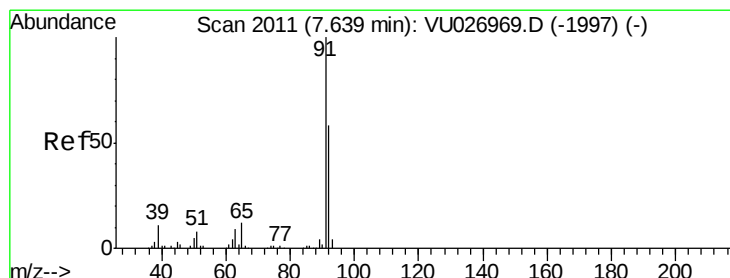
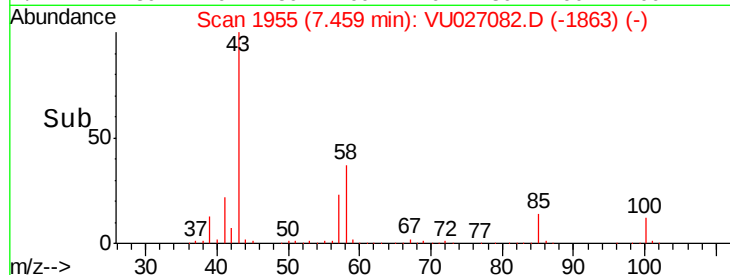
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 51.883 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. -0.00 min

Lab File: VU027082.D

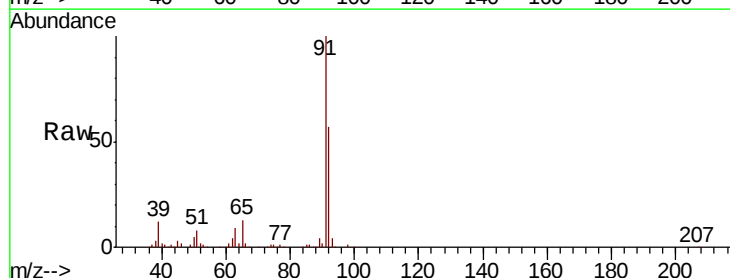
Acq: 23 Sep 2018 19:10

Tgt Ion: 92 Resp: 165121

Ion Ratio Lower Upper

92 100

91 172.8 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VU026969.D (-1997) (-)

Ion 91.00 (90.70 to 91.70): VU026969.D (-1997) (-)

7.64

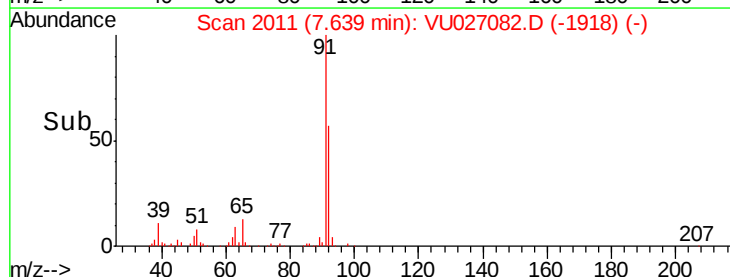
150000

100000

50000

0

Time-->





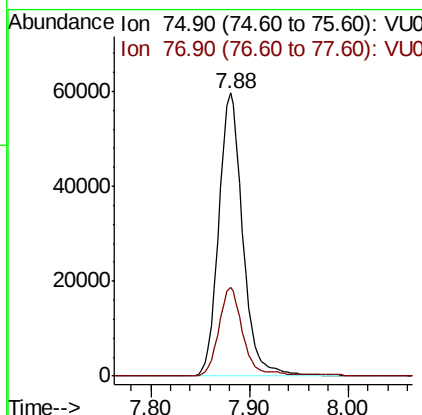
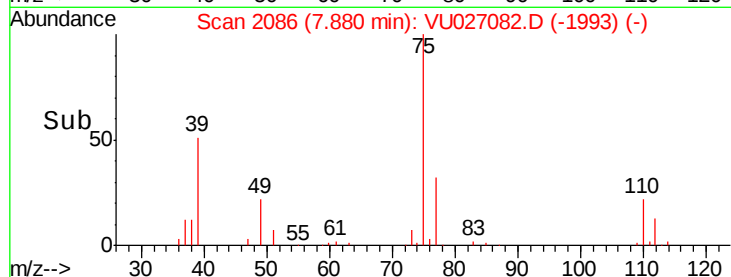
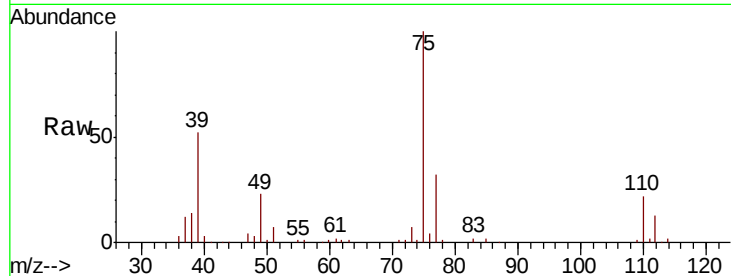
#53
t-1,3-Dichloropropene
Concen: 49.201 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Instrument :
MSVOA_U
ClientSampleId :
BP-TT-SW4002-20180915MS

Tot Ion: 75 Resp: 102130
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9

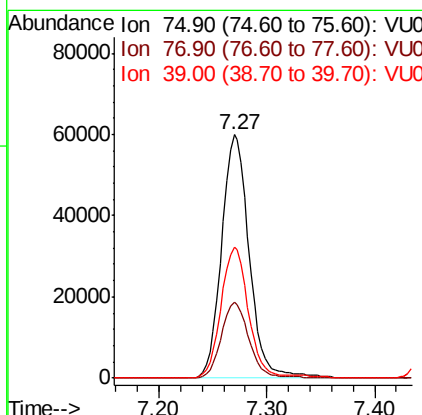
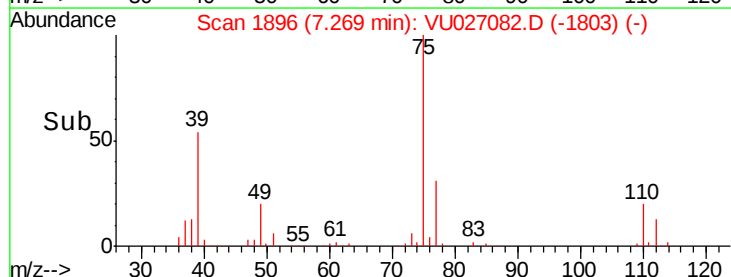
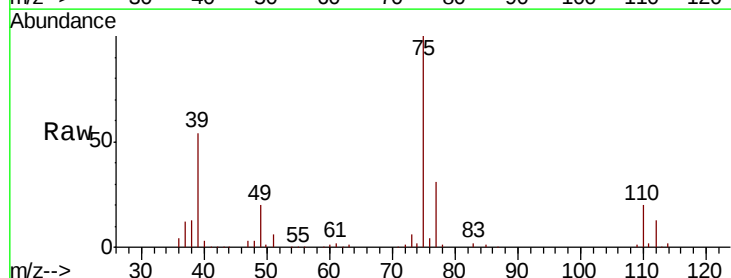
Manual Integrations
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#54
cis-1,3-Dichloropropene
Concen: 46.881 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Tgt Ion: 75 Resp: 106999
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.0
39 53.9 41.6 62.4





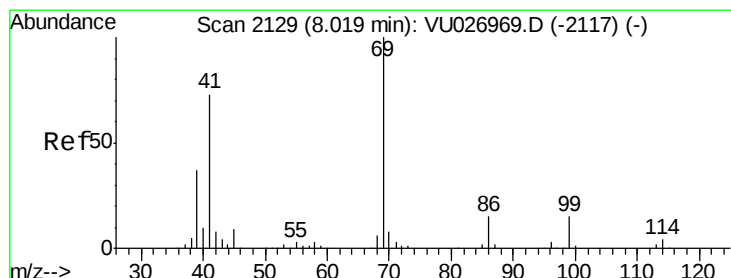
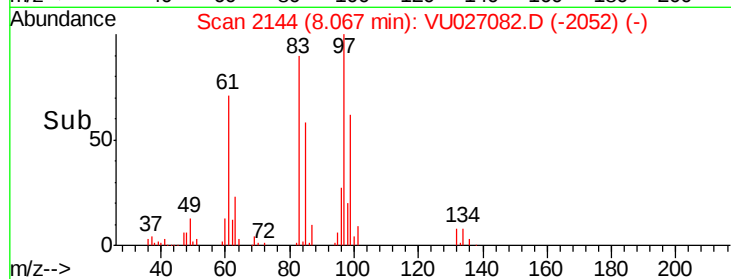
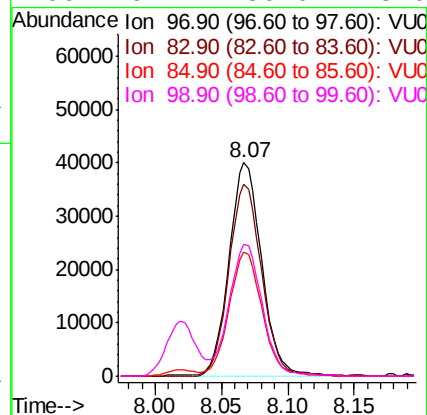
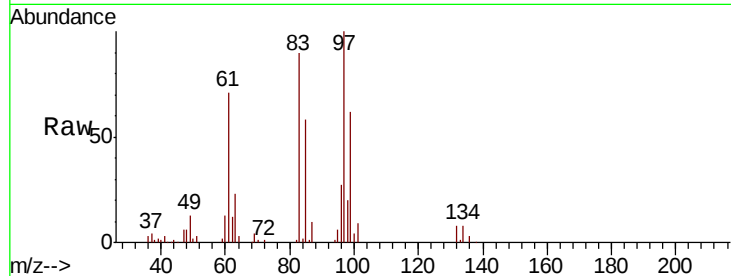
#55
 1,1,2-Trichloroethane
 Concen: 50.400 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027082.D
 Acq: 23 Sep 2018 19:10

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TT-SW4002-20180915MS

Tot Ion:	97	Resp:	67966
Ion	Ratio	Lower	Upper
97	100		
83	90.3	73.1	109.7
85	58.3	46.7	70.1
99	61.7	50.0	75.0

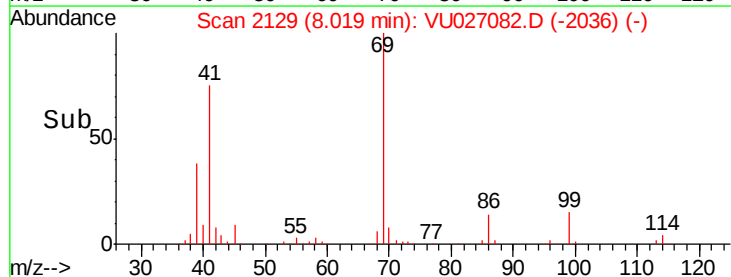
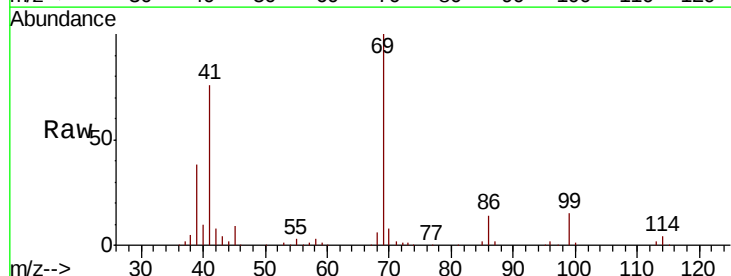
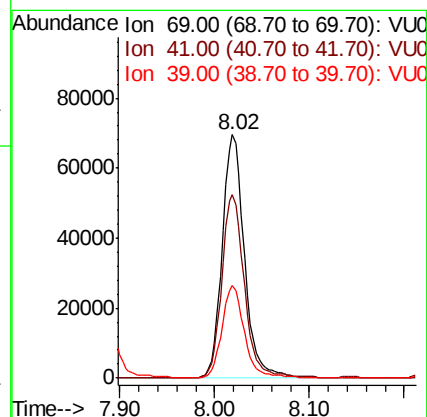
Manual Integrations
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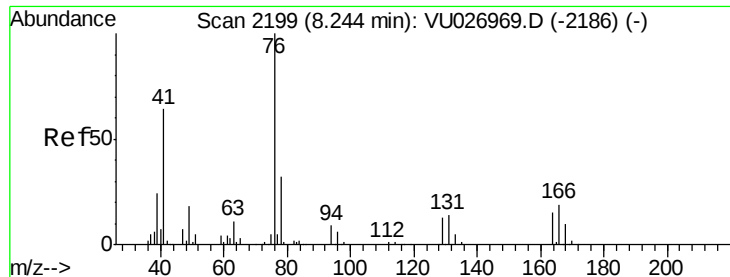
MMDadoda
 9/24/2018 4:40:37 PM



#56
 Ethyl methacrylate
 Concen: 48.740 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027082.D
 Acq: 23 Sep 2018 19:10

Tgt Ion:	69	Resp:	113909
Ion	Ratio	Lower	Upper
69	100		
41	76.5	59.0	88.4
39	37.5	30.2	45.4





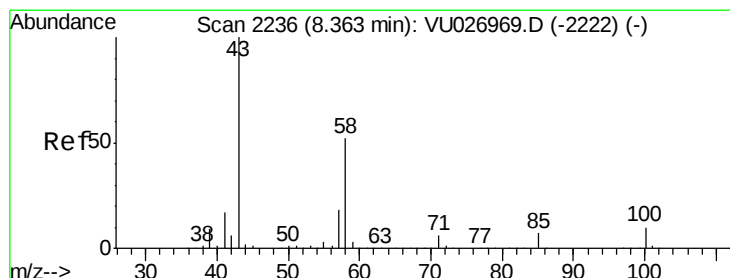
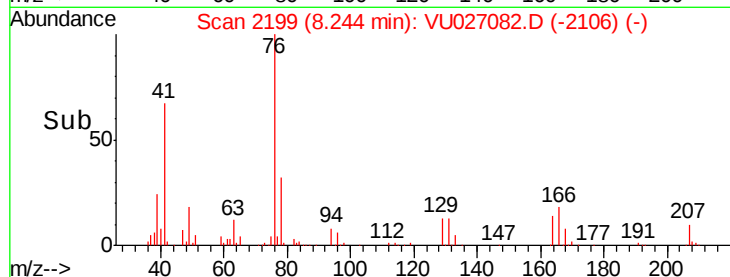
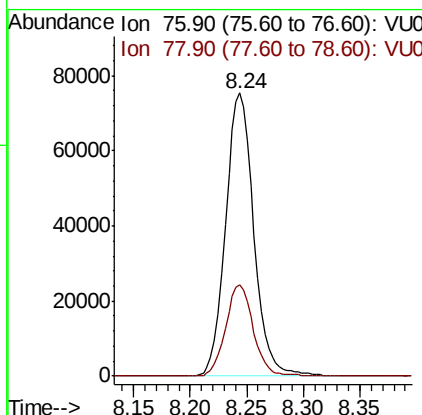
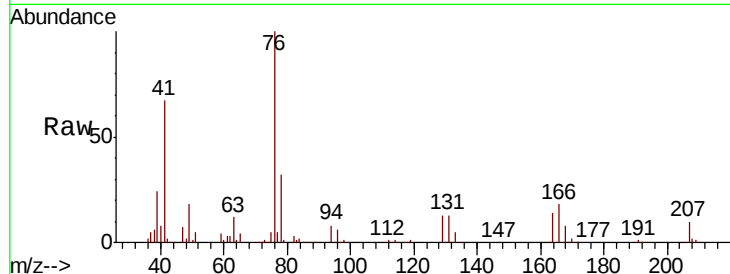
#57
 1,3-Dichloropropane
 Concen: 52.183 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: VU027082.D
 Acq: 23 Sep 2018 19:10

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TT-SW4002-20180915MS

Tot Ion: 76 Resp: 130883
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.5 38.3

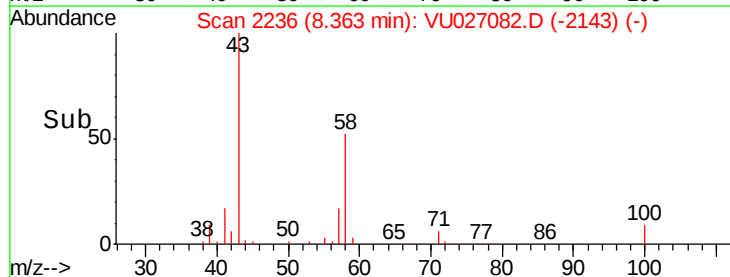
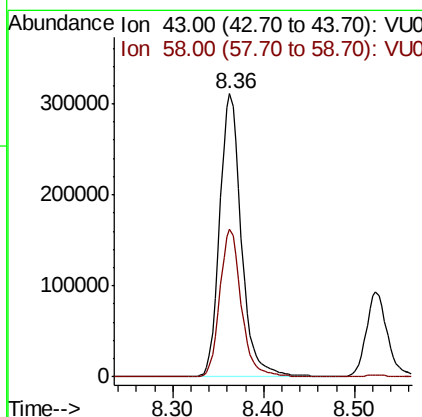
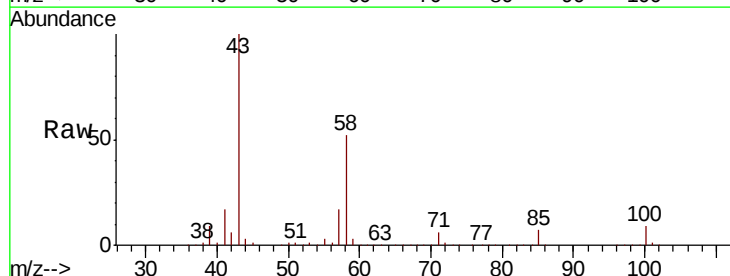
Manual Integrations
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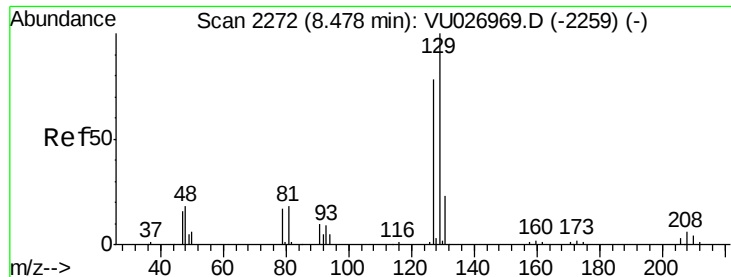
MMDadoda
 9/24/2018 4:40:37 PM



#59
 2-Hexanone
 Concen: 271.801 ug/l
 RT: 8.36 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: VU027082.D
 Acq: 23 Sep 2018 19:10

Tgt Ion: 43 Resp: 515968
 Ion Ratio Lower Upper
 43 100
 58 51.7 26.1 78.2





#60

Dibromochloromethane

Concen: 51.726 ug/l

RT: 8.48 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

Instrument :

MSVOA_U

ClientSampleId :

BP-TT-SW4002-20180915MS

Tot Ion:129 Resp: 68421

Ion Ratio Lower Upper

129 100

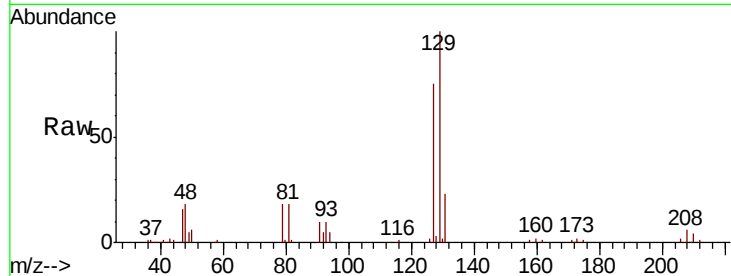
127 77.3 38.1 114.5

Manual Integrations

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

8.48

40000

30000

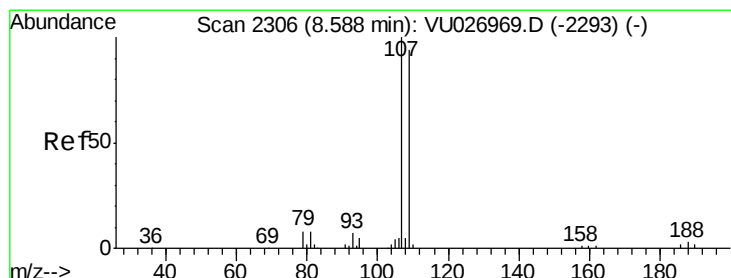
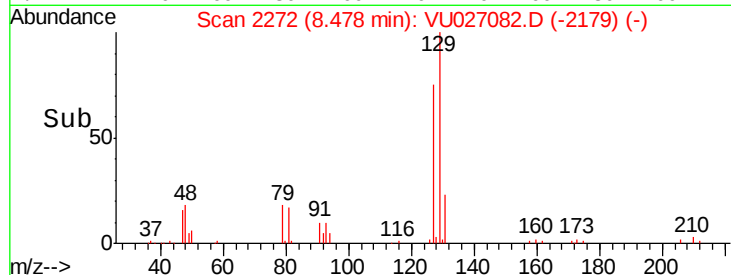
20000

10000

0

8.40 8.45 8.50 8.55

Time-->



#61

1,2-Dibromoethane

Concen: 50.282 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. -0.00 min

Lab File: VU027082.D

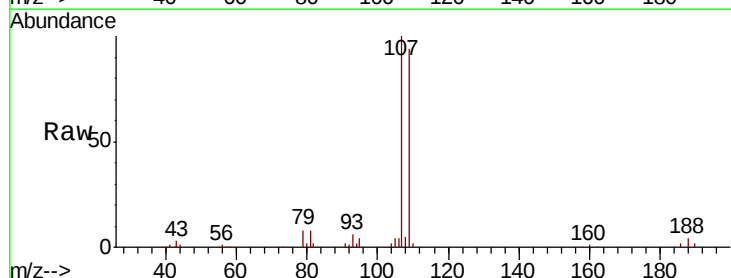
Acq: 23 Sep 2018 19:10

Tgt Ion:107 Resp: 70550

Ion Ratio Lower Upper

107 100

109 93.5 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.59

40000

30000

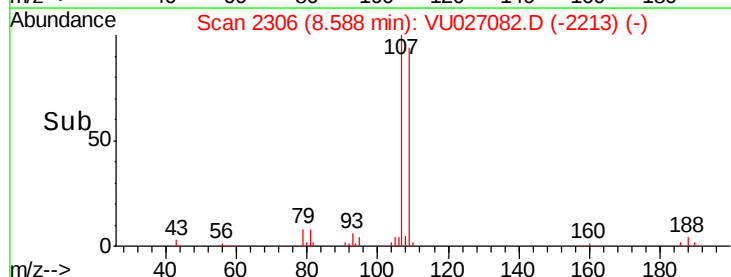
20000

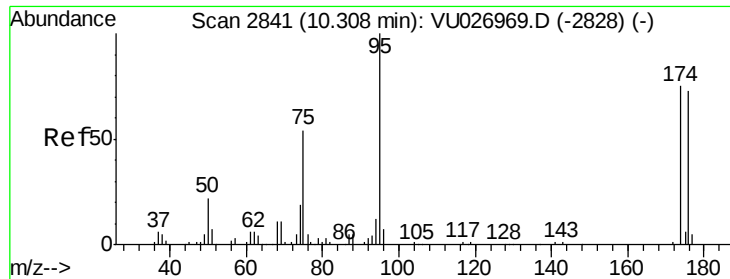
10000

0

8.50 8.55 8.60 8.65 8.70

Time-->





#62

4-Bromofluorobenzene

Concen: 51.459 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

Instrument :

MSVOA_U

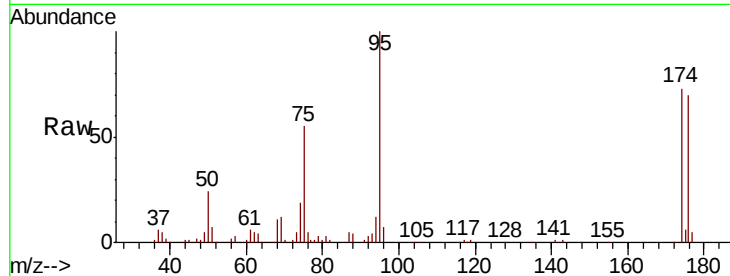
ClientSampleId :

BP-TT-SW4002-20180915MS

Tot Ion:	95	Resp:	79823
Ion	Ratio	Lower	Upper
95	100		
174	74.1	0.0	150.2
176	71.0	0.0	145.2

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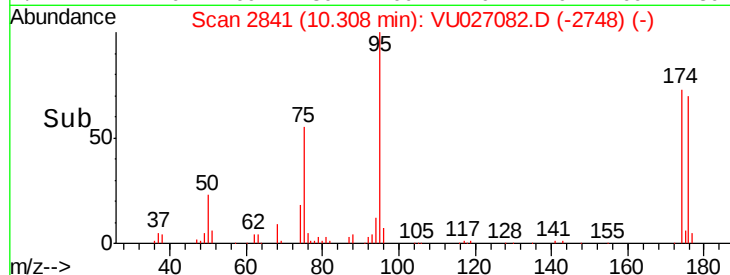


Abundance Ion 94.90 (94.60 to 95.60): VU026969.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU026969.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU026969.D (-2828) (-)

Time-->

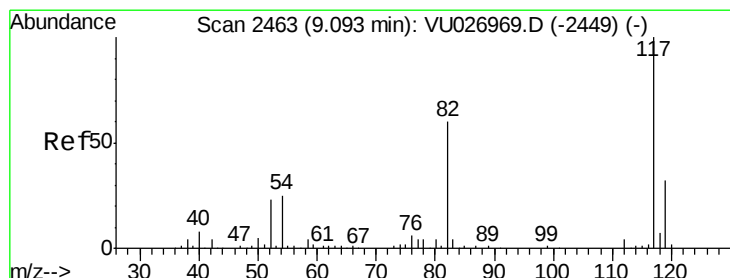


Abundance Ion 94.90 (94.60 to 95.60): VU027082.D (-2748) (-)

Ion 173.80 (173.50 to 174.50): VU027082.D (-2748) (-)

Ion 175.80 (175.50 to 176.50): VU027082.D (-2748) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

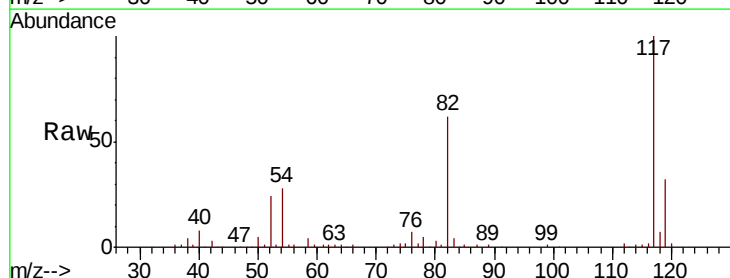
RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

Tgt Ion:	117	Resp:	136244
Ion	Ratio	Lower	Upper
117	100		
82	62.1	48.0	72.0
119	32.5	25.8	38.8

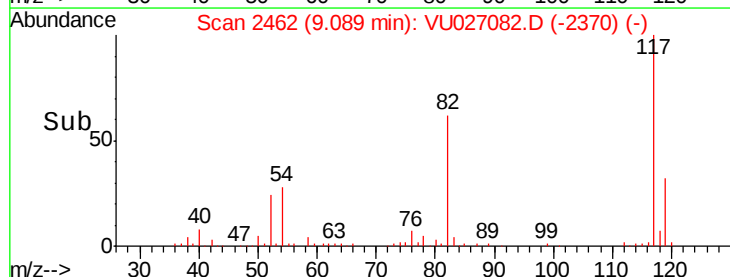


Abundance Ion 116.90 (116.60 to 117.60): VU026969.D (-2449) (-)

Ion 82.00 (81.70 to 82.70): VU026969.D (-2449) (-)

Ion 118.90 (118.60 to 119.60): VU026969.D (-2449) (-)

Time-->

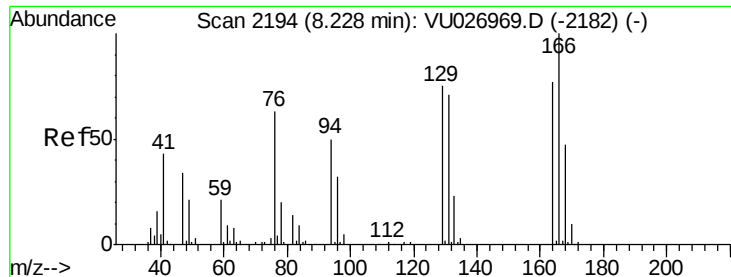


Abundance Ion 116.90 (116.60 to 117.60): VU027082.D (-2370) (-)

Ion 82.00 (81.70 to 82.70): VU027082.D (-2370) (-)

Ion 118.90 (118.60 to 119.60): VU027082.D (-2370) (-)

Time-->



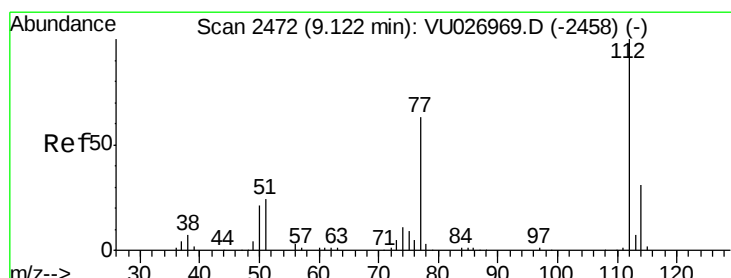
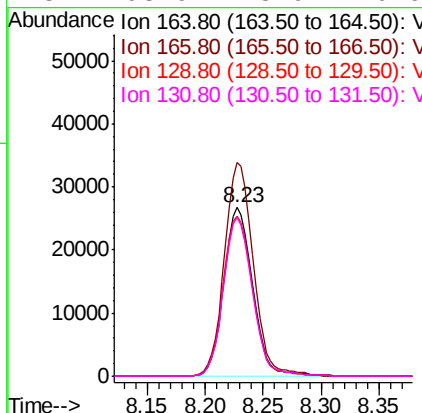
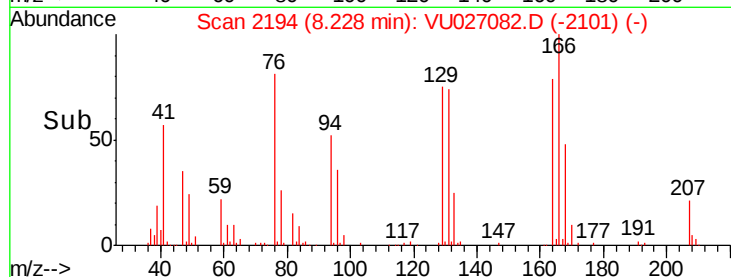
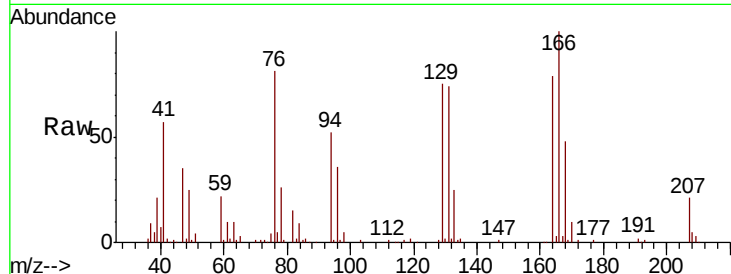
#64
Tetrachloroethene
Concen: 43.699 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Instrument :
MSVOA_U
ClientSampleId :
BP-TT-SW4002-20180915MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	126.6	104.4	156.6
129	94.7	78.7	118.1
131	93.9	73.9	110.9

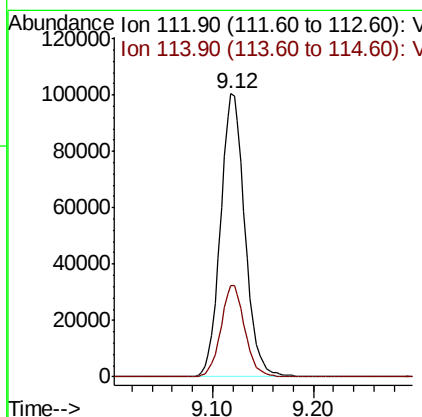
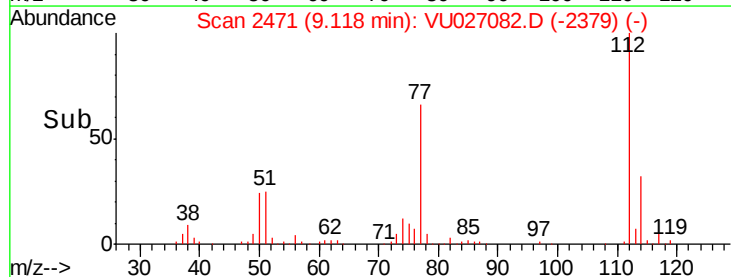
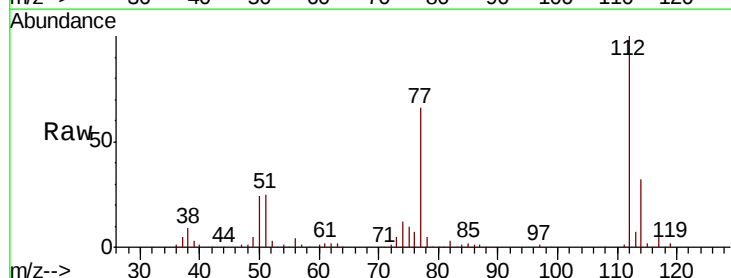
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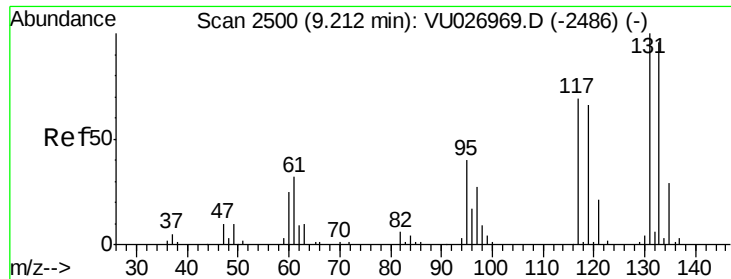
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#65
Chlorobenzene
Concen: 46.891 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.0	37.6





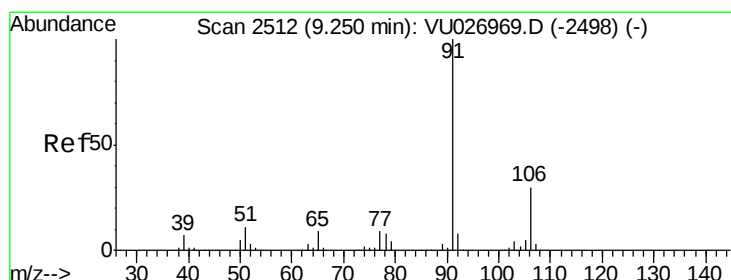
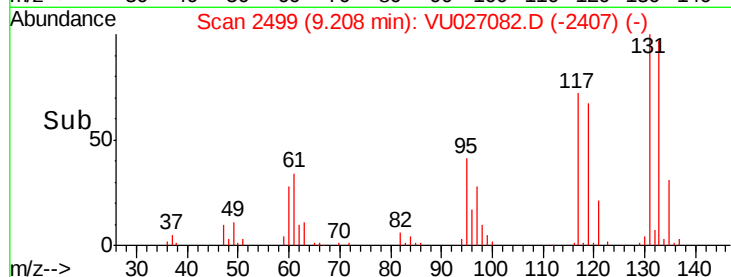
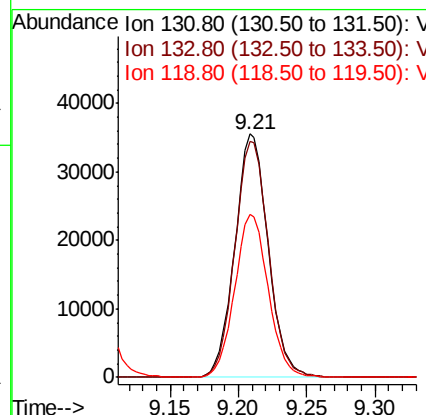
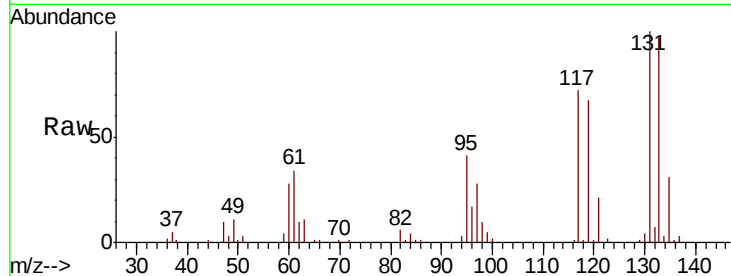
#66
 1,1,1,2-Tetrachloroethane
 Concen: 48.491 ug/l
 RT: 9.21 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: VU027082.D
 Acq: 23 Sep 2018 19:10

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TT-SW4002-20180915MS

Tot Ion	Ratio	Lower	Upper
131	100		
133	97.8	48.0	144.2
119	67.4	33.4	100.1

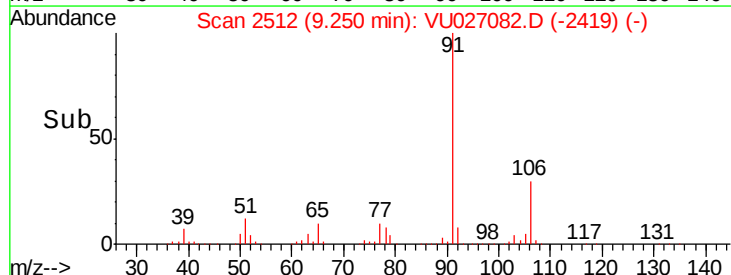
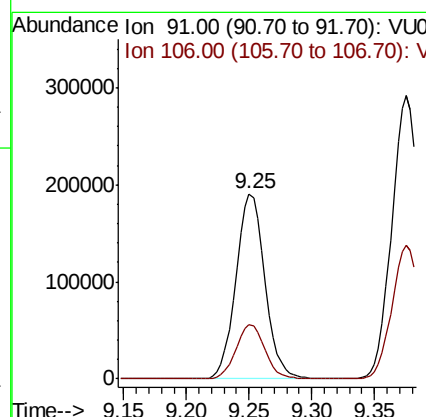
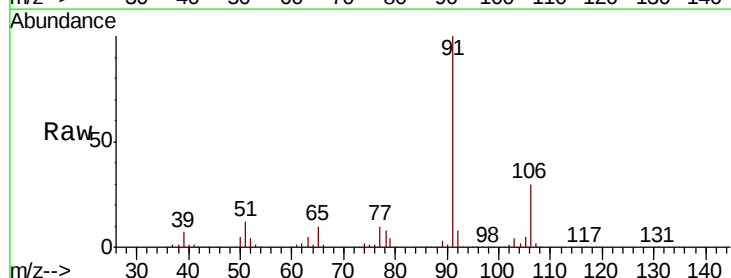
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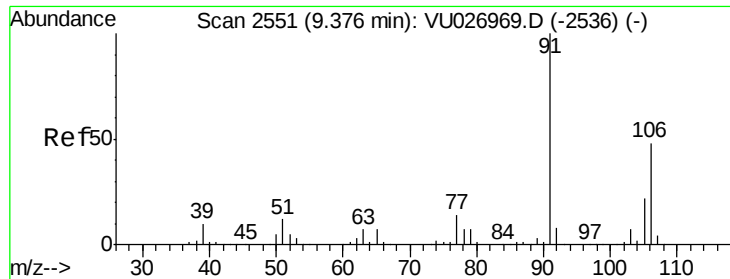
MMDadoda
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#67
 Ethyl Benzene
 Concen: 51.395 ug/l
 RT: 9.25 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: VU027082.D
 Acq: 23 Sep 2018 19:10

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.6	23.8	35.8





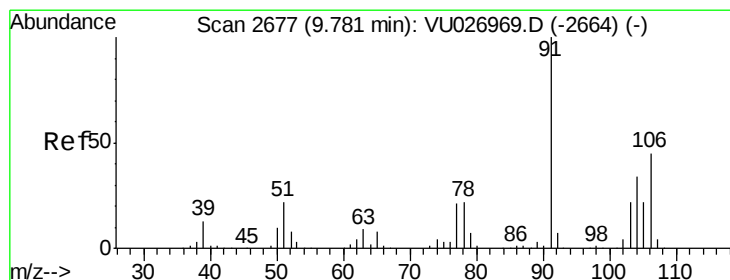
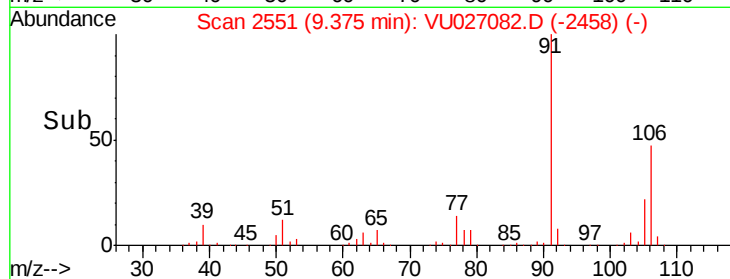
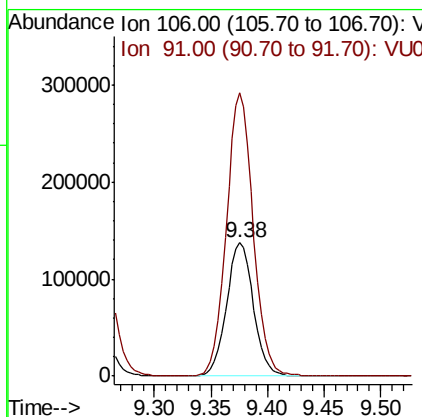
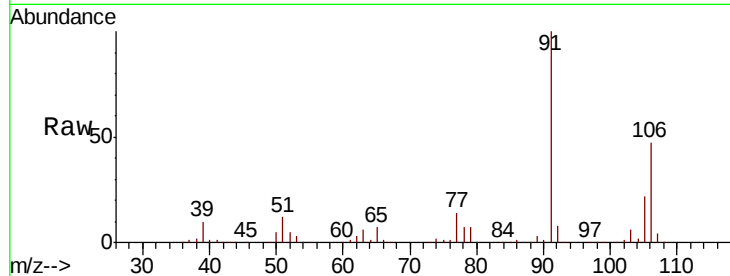
#68
m/p-Xylenes
Concen: 94.210 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Instrument :
MSVOA_U
ClientSampleId :
BP-TT-SW4002-20180915MS

Tot Ion:106 Resp: 226435
Ion Ratio Lower Upper
106 100
91 210.9 166.5 249.7

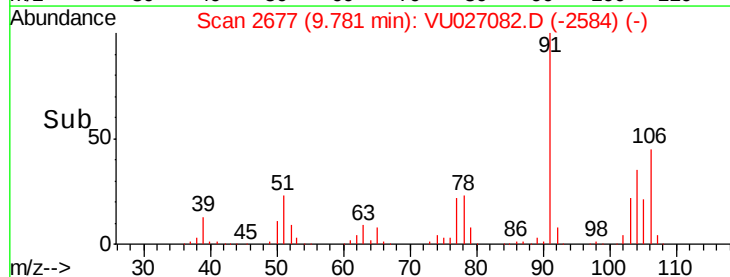
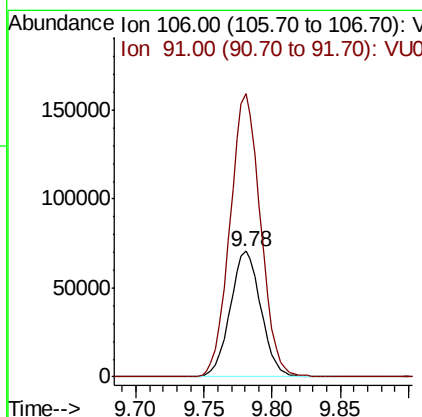
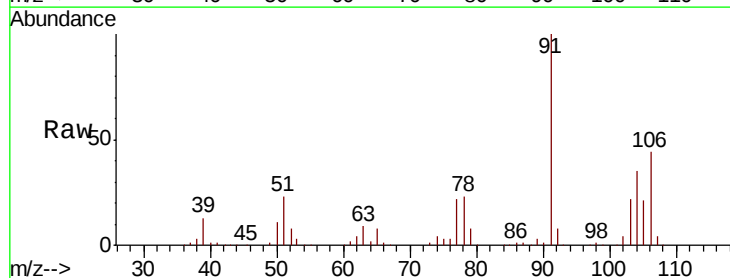
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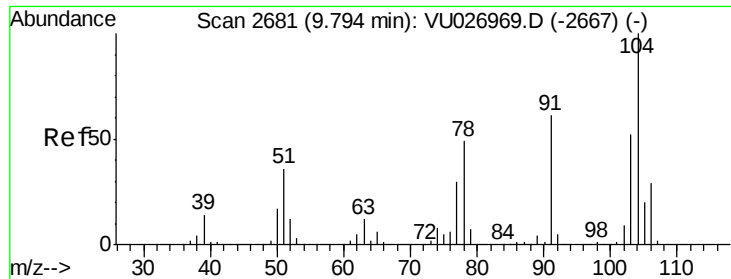
MMDadoda
9/24/2018 4:40:37 PM



#69
o-Xylene
Concen: 52.429 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Tgt Ion:106 Resp: 110349
Ion Ratio Lower Upper
106 100
91 224.9 110.2 330.6





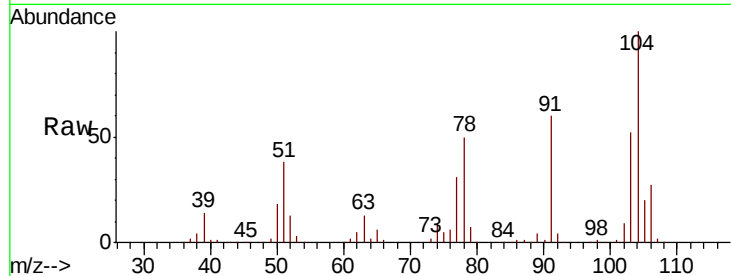
#70
Stvrene
Concen: 46.639 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Instrument :
MSVOA_U
ClientSampleId :
BP-TT-SW4002-20180915MS

Tot Ion	Ratio	Resp	Lower	Upper
104	100	182791		
78	54.7	43.0	64.4	
103	55.1	44.1	66.1	

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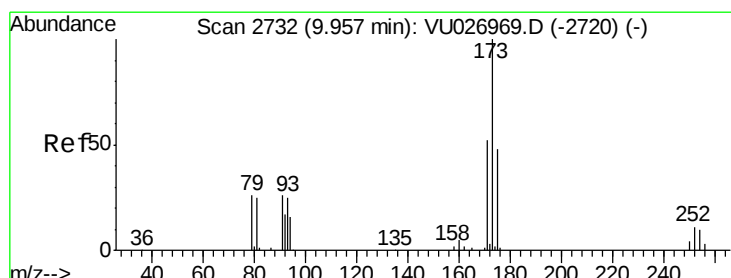
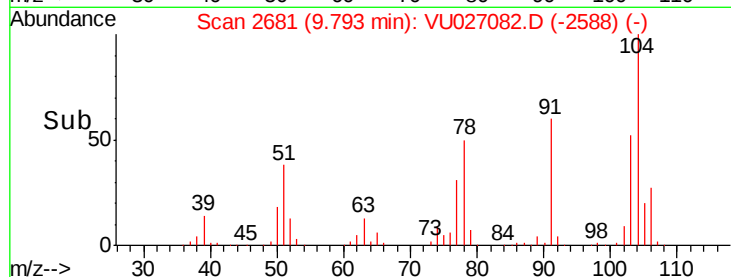
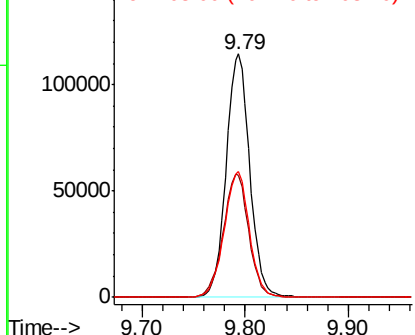


Abundance

Ion 104.00 (103.70 to 104.70): V

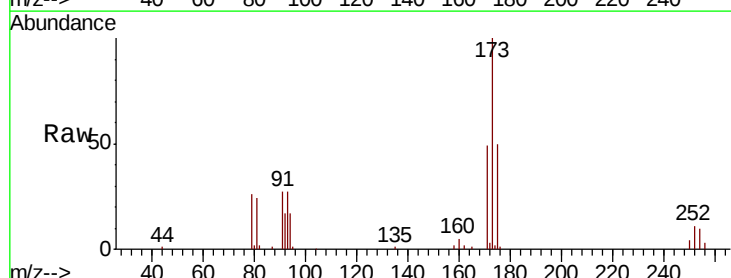
Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71
Bromoform
Concen: 50.442 ug/l
RT: 9.96 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	48536		
175	48.0	23.9	71.8	
254	0.0	0.0	0.0	

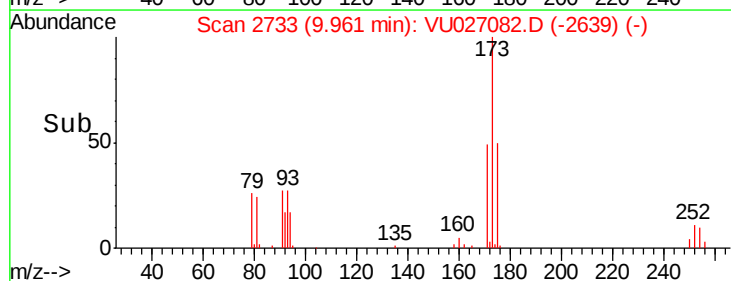
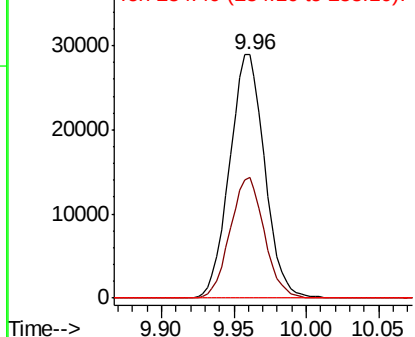


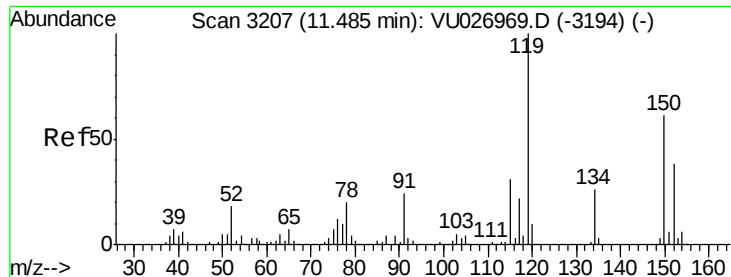
Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

Instrument :

MSVOA_U

ClientSampleId :

BP-TT-SW4002-20180915MS

Tot Ion:152 Resp: 73869

Ion Ratio Lower Upper

152 100

115 87.0 44.9 134.5

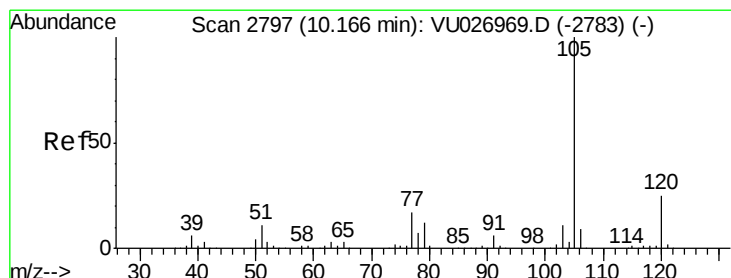
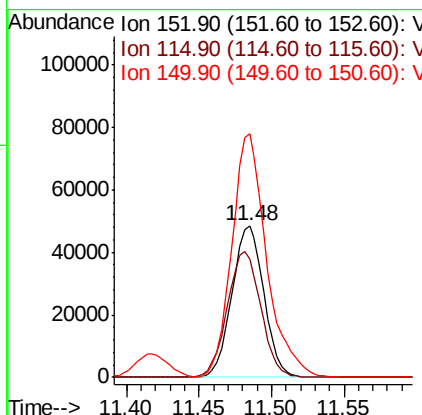
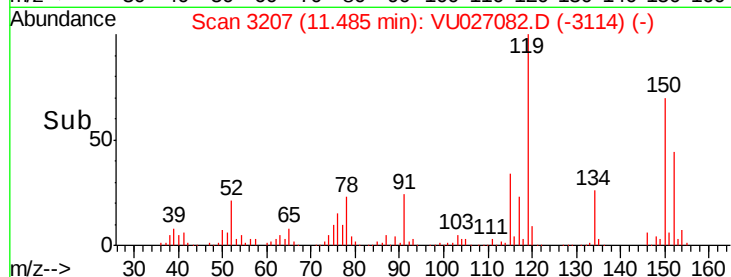
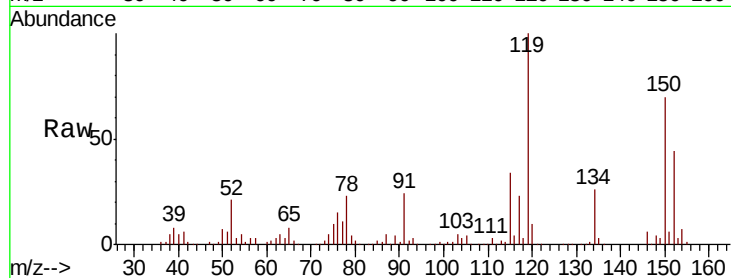
150 175.4 0.0 355.8

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#73

Isopropylbenzene

Concen: 52.336 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU027082.D

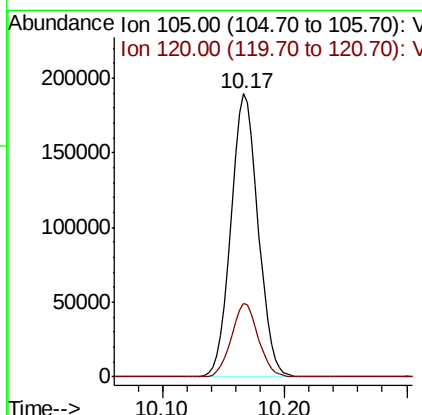
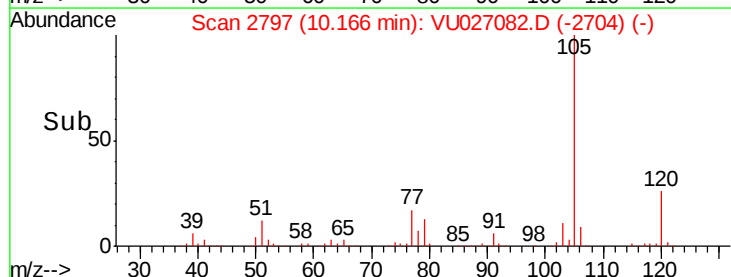
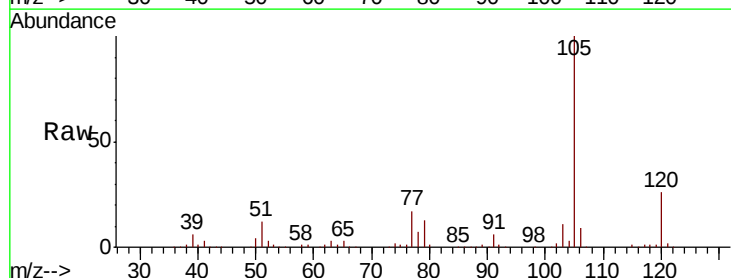
Acq: 23 Sep 2018 19:10

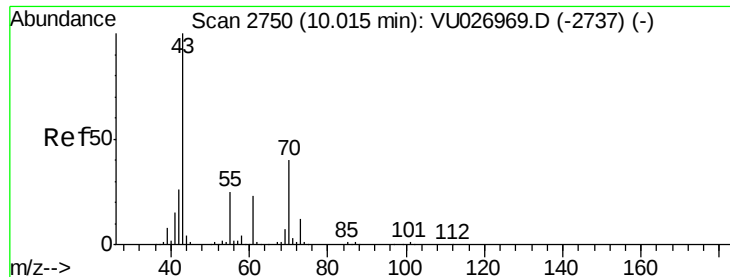
Tgt Ion:105 Resp: 294082

Ion Ratio Lower Upper

105 100

120 25.6 12.8 38.4





#74

N-amvl acetate

Concen: 44.961 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

Instrument :

MSVOA_U

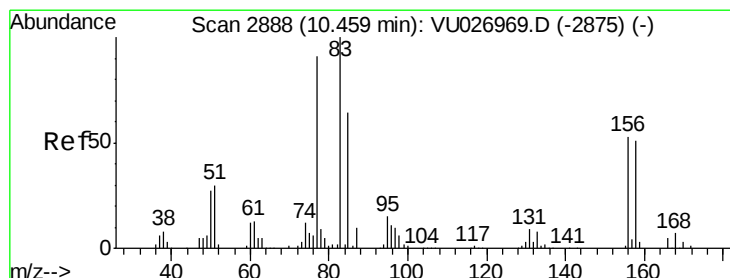
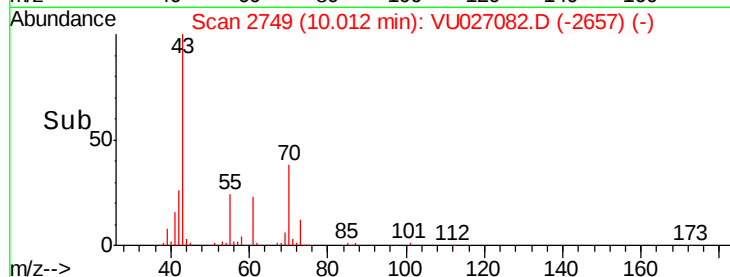
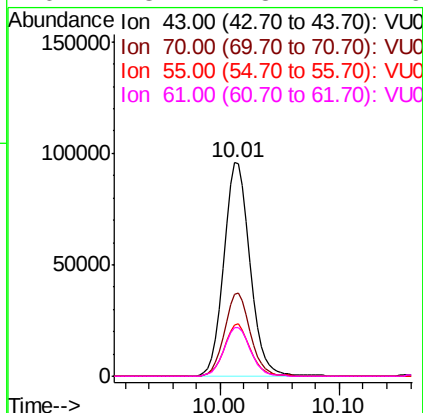
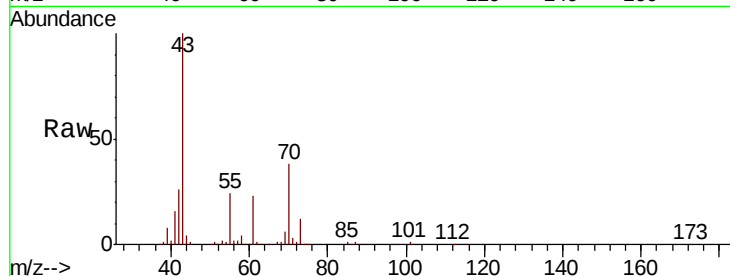
ClientSampleId :

BP-TT-SW4002-20180915MS

Tot Ion:	43	Resp:	146241
Ion	Ratio	Lower	Upper
43	100		
70	38.4	31.8	47.8
55	24.3	19.9	29.9
61	23.1	18.4	27.6

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 46.659 ug/l

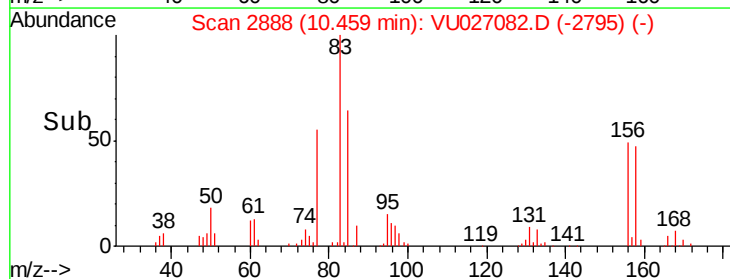
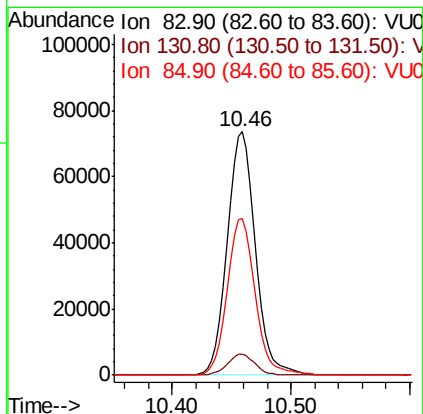
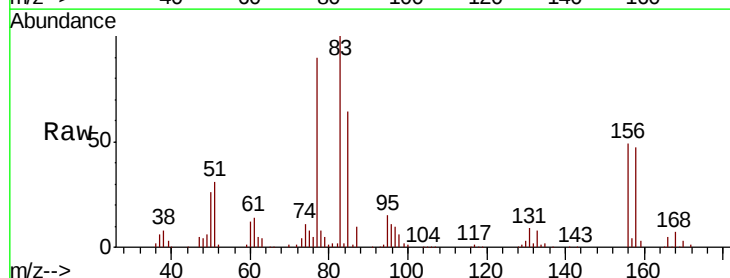
RT: 10.46 min Scan# 2888

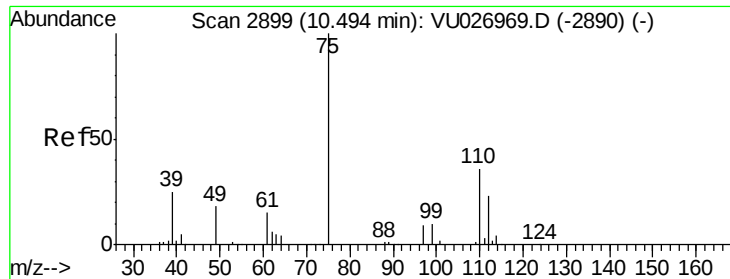
Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

Tgt Ion:	83	Resp:	120545
Ion	Ratio	Lower	Upper
83	100		
131	8.5	4.3	12.8
85	64.1	31.9	95.7





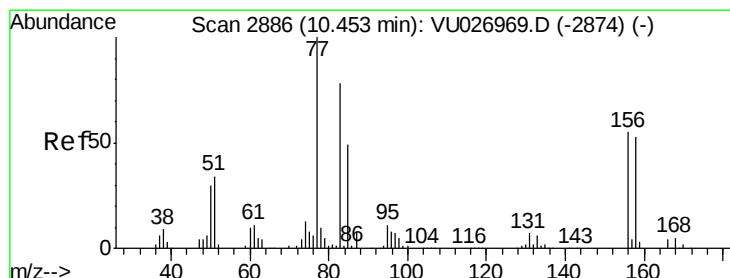
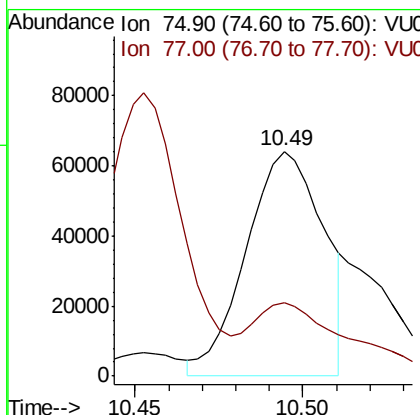
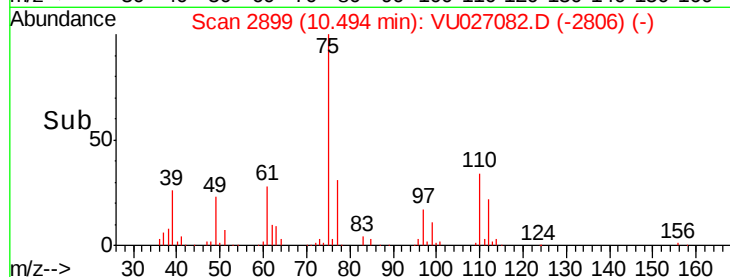
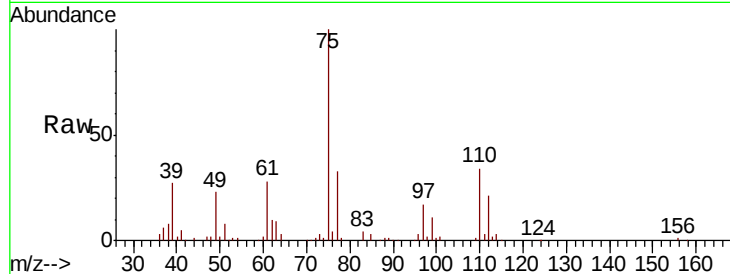
#76
 1,2,3-Trichloropropane
 Concen: 45.746 ug/l m
 RT: 10.49 min Scan# 2899
 Delta R.T. -0.00 min
 Lab File: VU027082.D
 Acq: 23 Sep 2018 19:10

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TT-SW4002-20180915MS

Tot Ion: 75 Resp: 102660
 Ion Ratio Lower Upper
 75 100
 77 42.4 20.9 62.8

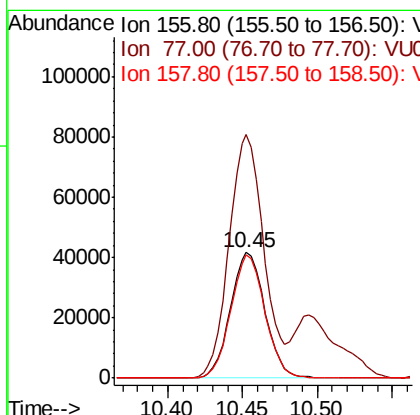
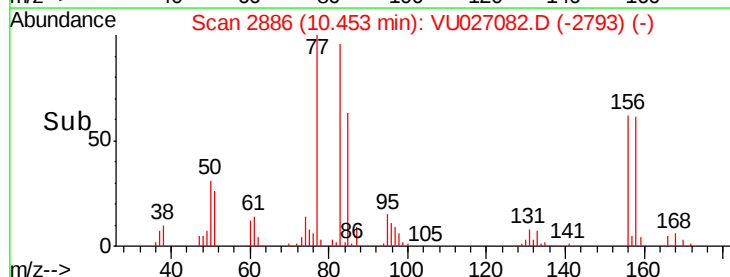
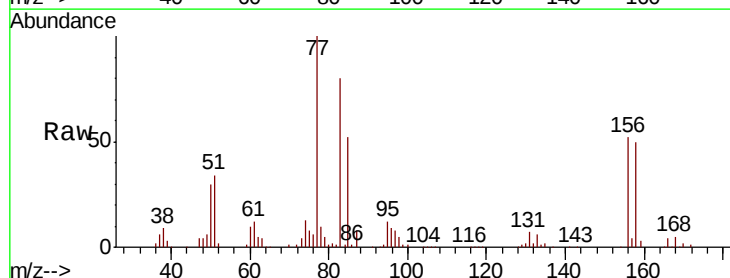
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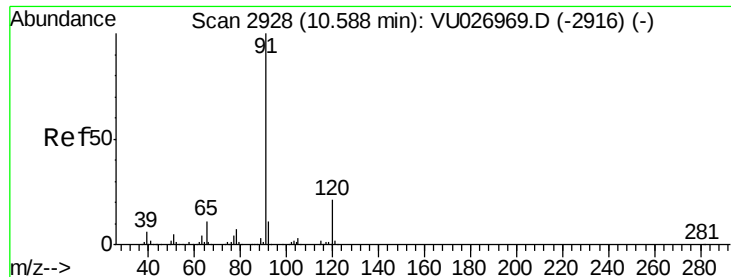
MMDadoda
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#77
 Bromobenzene
 Concen: 48.748 ug/l
 RT: 10.45 min Scan# 2886
 Delta R.T. -0.00 min
 Lab File: VU027082.D
 Acq: 23 Sep 2018 19:10

Tgt Ion: 156 Resp: 66938
 Ion Ratio Lower Upper
 156 100
 77 195.2 92.3 276.9
 158 96.9 48.1 144.3





#78

n-propylbenzene

Concen: 52.701 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

Instrument :

MSVOA_U

ClientSampleId :

BP-TT-SW4002-20180915MS

Tot Ion: 91 Resp: 350396

Ion Ratio Lower Upper

91 100

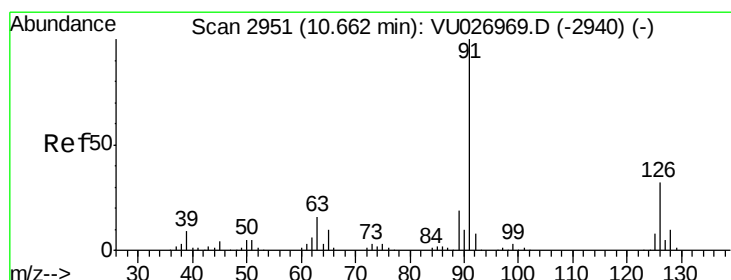
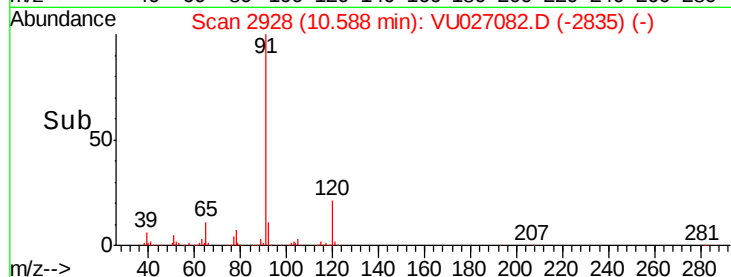
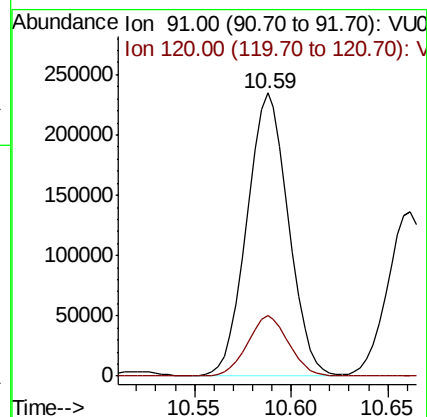
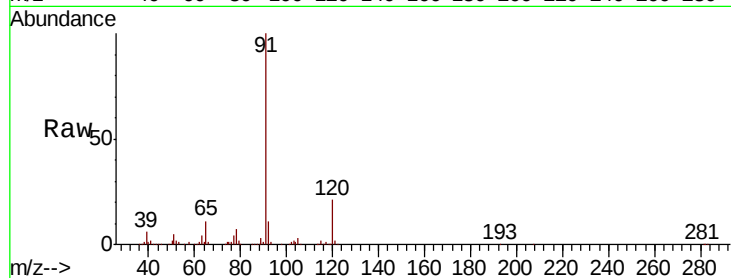
120 21.2 10.6 31.8

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#79

2-Chlorotoluene

Concen: 50.475 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. -0.00 min

Lab File: VU027082.D

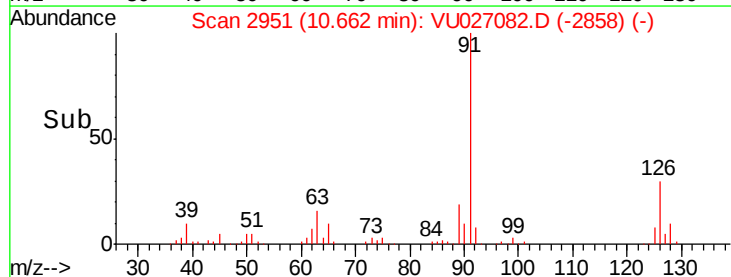
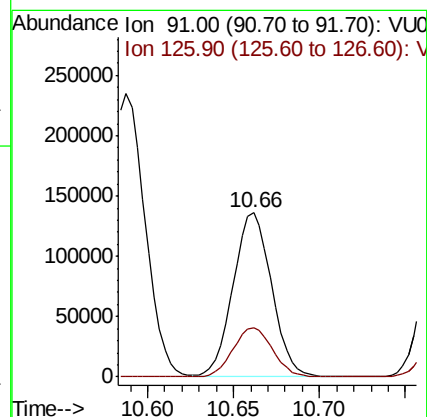
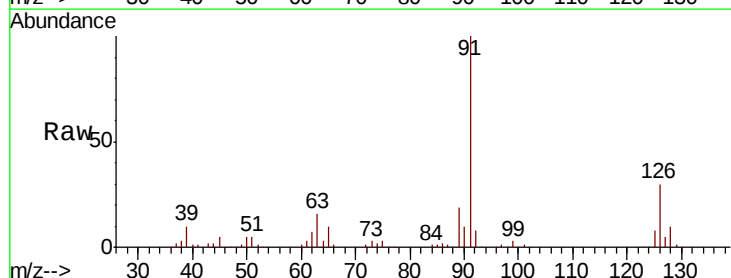
Acq: 23 Sep 2018 19:10

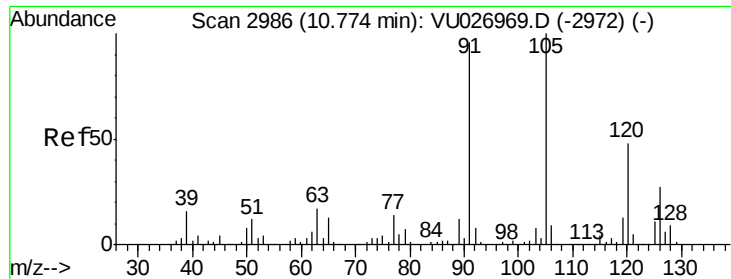
Tgt Ion: 91 Resp: 210798

Ion Ratio Lower Upper

91 100

126 30.9 15.8 47.3





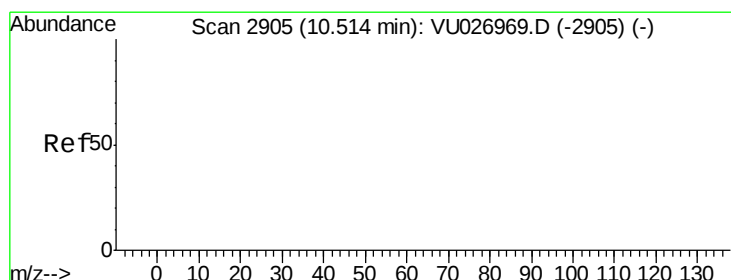
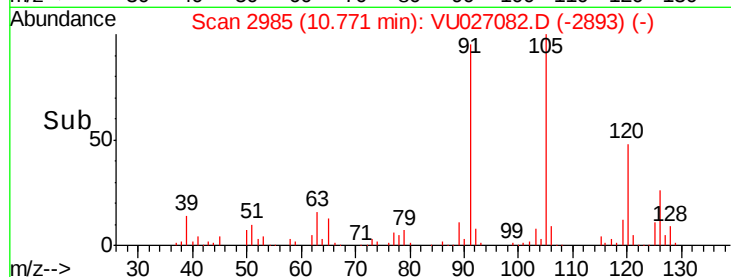
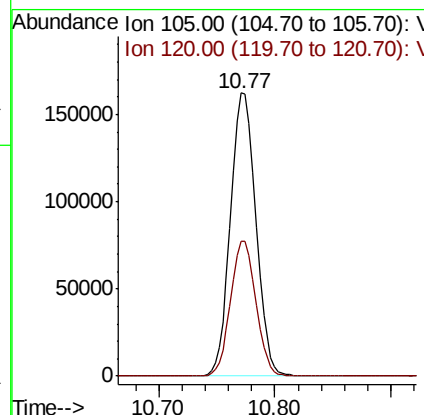
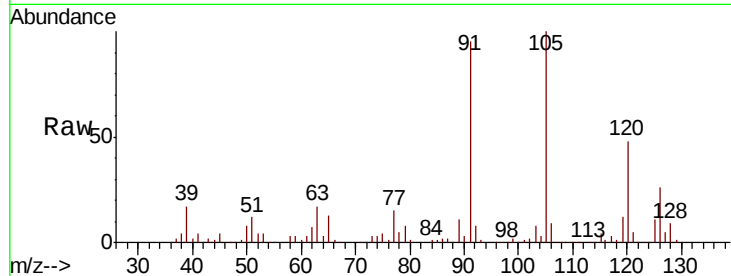
#80
 1,3,5-Trimethylbenzene
 Concen: 52.861 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. -0.00 min
 Lab File: VU027082.D
 Acq: 23 Sep 2018 19:10

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TT-SW4002-20180915MS

Tot Ion: 105 Resp: 245192
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.9 71.7

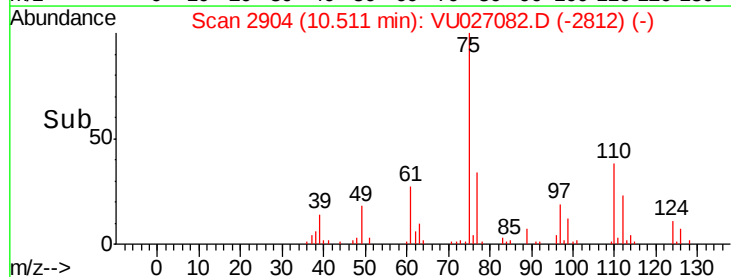
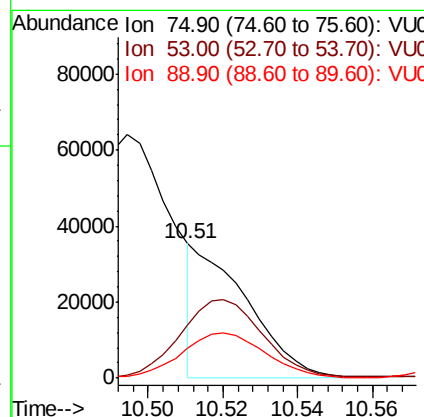
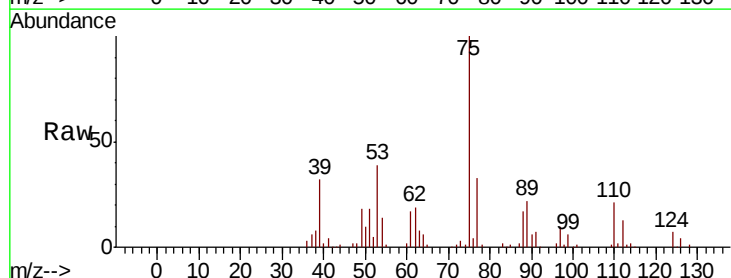
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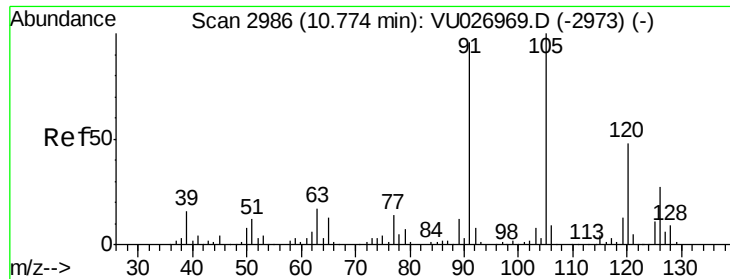
MMDadoda
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 49.701 ug/l m
 RT: 10.51 min Scan# 2904
 Delta R.T. -0.00 min
 Lab File: VU027082.D
 Acq: 23 Sep 2018 19:10

Tgt Ion: 75 Resp: 34853
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0





#82

4-Chlorotoluene

Concen: 51.583 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

Instrument :

MSVOA_U

ClientSampleId :

BP-TT-SW4002-20180915MS

Tot Ion: 91 Resp: 241553

Ion Ratio Lower Upper

91 100

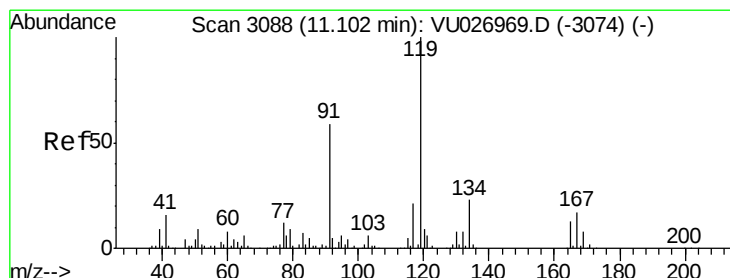
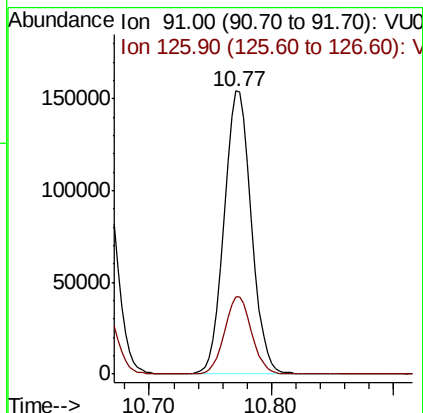
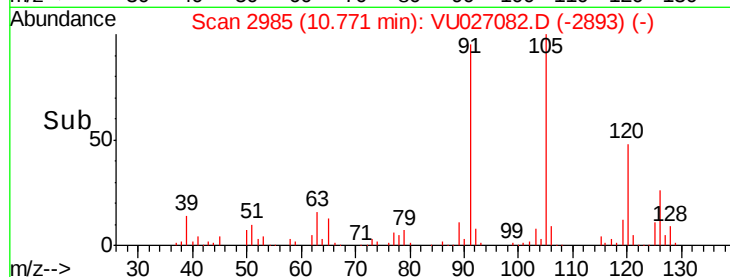
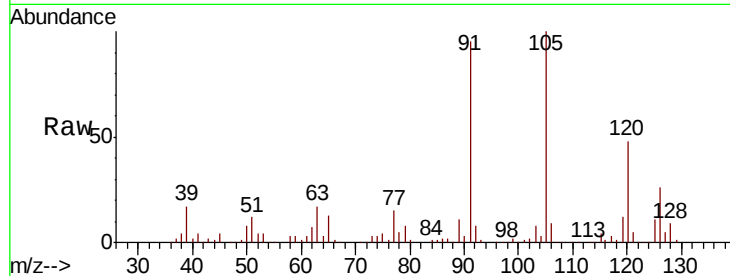
126 27.2 14.1 42.2

Manual Integrations

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#83

tert-Butylbenzene

Concen: 51.255 ug/l

RT: 11.10 min Scan# 3088

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

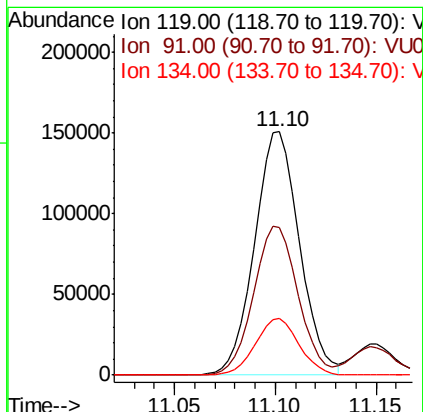
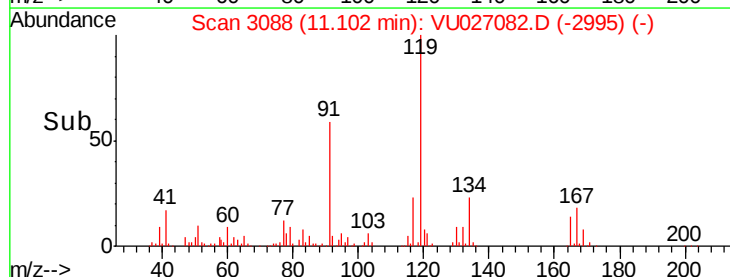
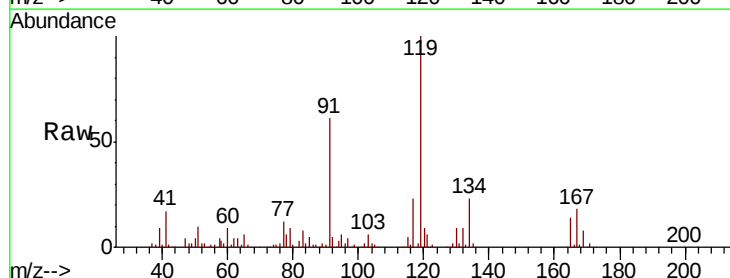
Tgt Ion: 119 Resp: 235046

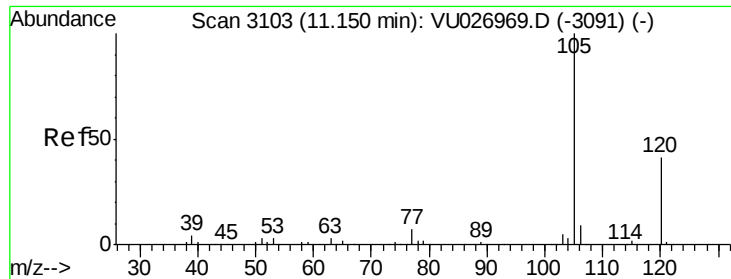
Ion Ratio Lower Upper

119 100

91 60.7 29.8 89.4

134 22.7 11.5 34.4





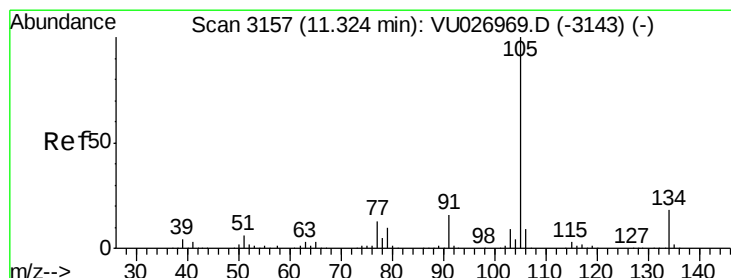
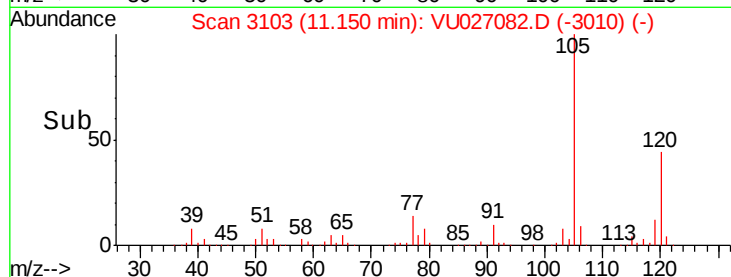
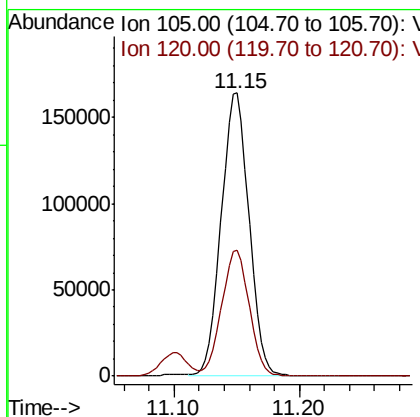
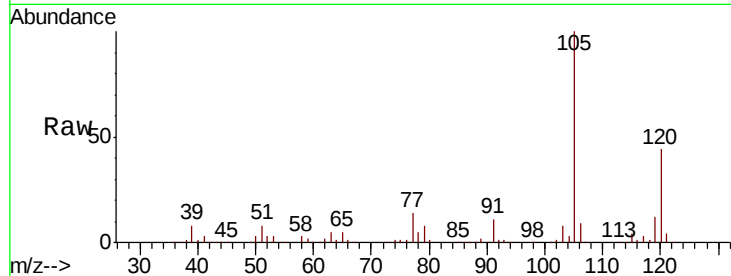
#84
 1,2,4-Trimethylbenzene
 Concen: 53.478 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. -0.00 min
 Lab File: VU027082.D
 Acq: 23 Sep 2018 19:10

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TT-SW4002-20180915MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.4	67.2

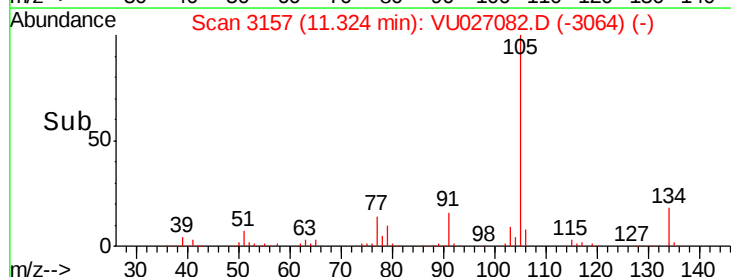
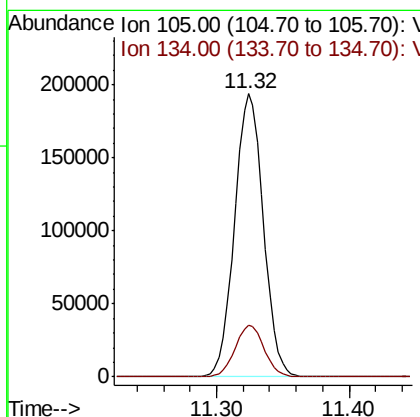
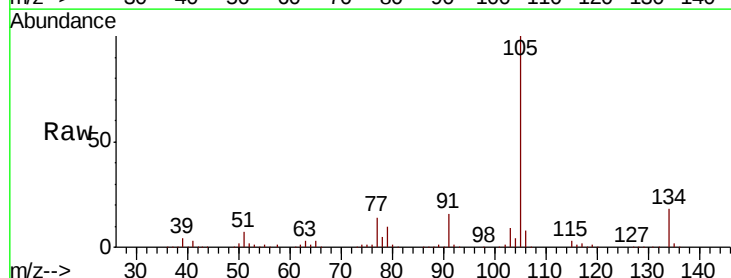
Manual Integrations
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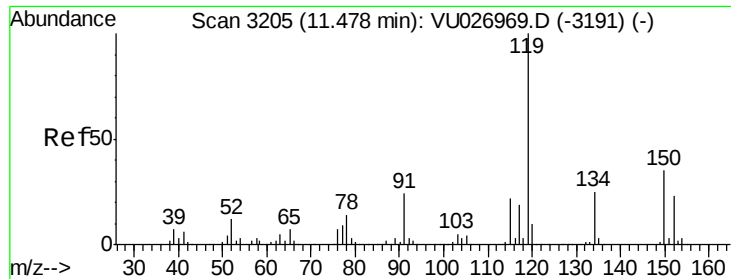
MMDadoda
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#85
 sec-Butylbenzene
 Concen: 51.989 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: VU027082.D
 Acq: 23 Sep 2018 19:10

Tgt Ion	Ratio	Lower	Upper
105	100		
134	18.4	9.4	28.2





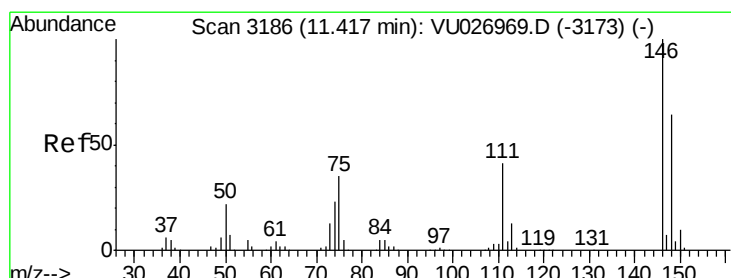
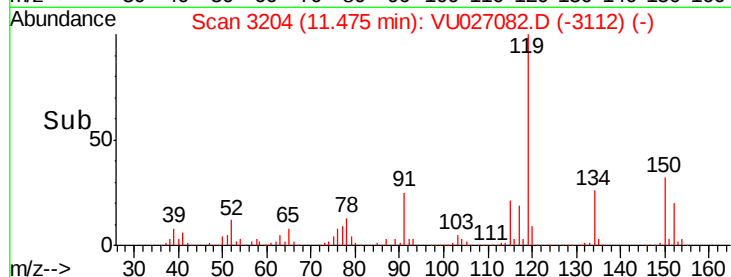
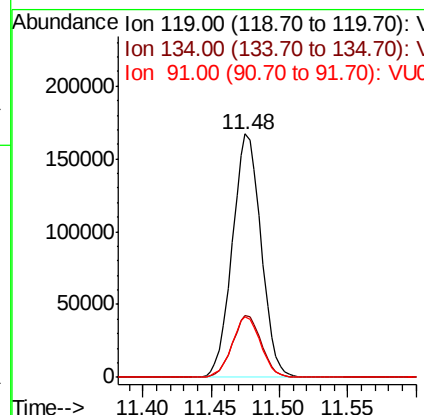
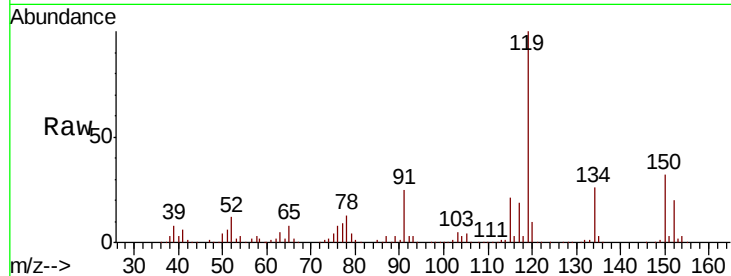
#86
 p-Isopropyltoluene
 Concen: 46.517 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU027082.D
 Acq: 23 Sep 2018 19:10

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TT-SW4002-20180915MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	243997		
134	25.5	12.8	38.3	
91	25.0	12.3	36.8	

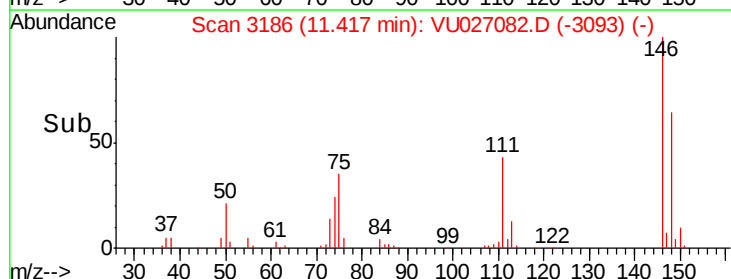
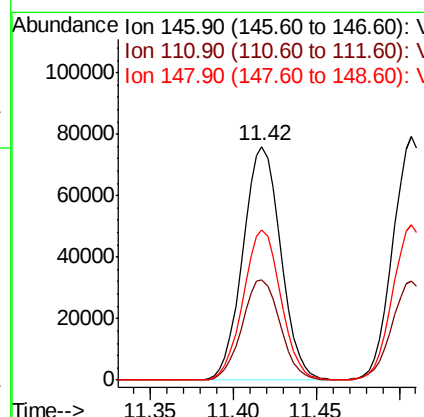
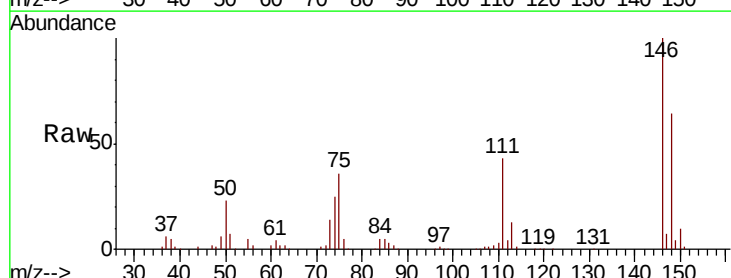
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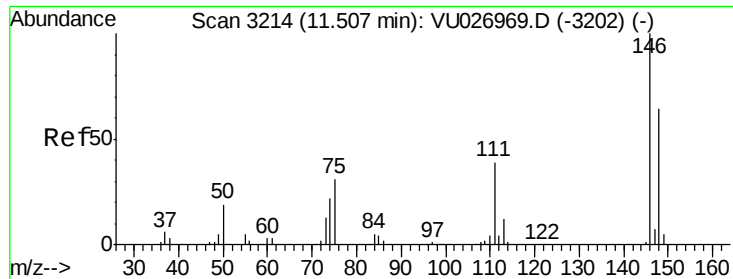
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#87
 1,3-Dichlorobenzene
 Concen: 47.168 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. -0.00 min
 Lab File: VU027082.D
 Acq: 23 Sep 2018 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	120527		
111	43.3	20.8	62.2	
148	63.9	32.0	96.2	





#88

1,4-Dichlorobenzene

Concen: 44.186 ug/l

RT: 11.51 min Scan# 3214

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

Instrument :

MSVOA_U

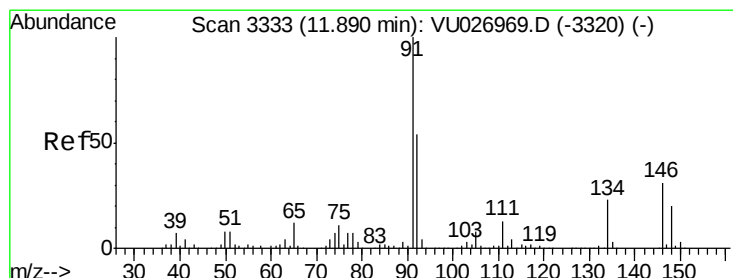
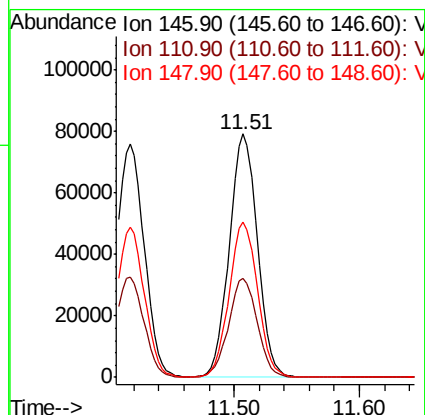
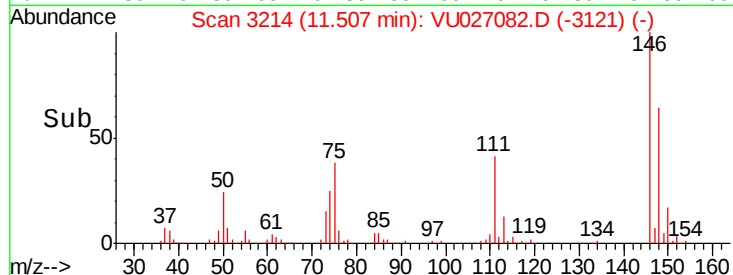
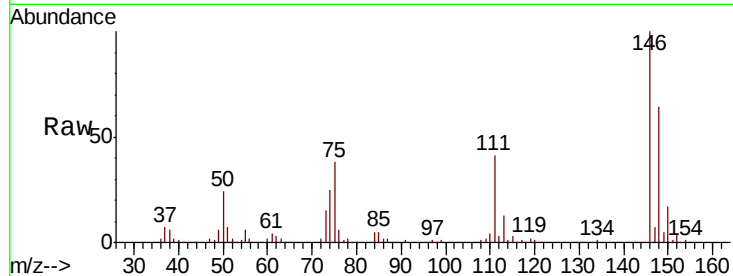
ClientSampleId :

BP-TT-SW4002-20180915MS

Tot Ion:	146	Resp:	123054
Ion Ratio	Lower	Upper	
146	100		
111	41.6	20.3	60.9
148	64.8	31.9	95.9

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#89

n-Butylbenzene

Concen: 43.126 ug/l

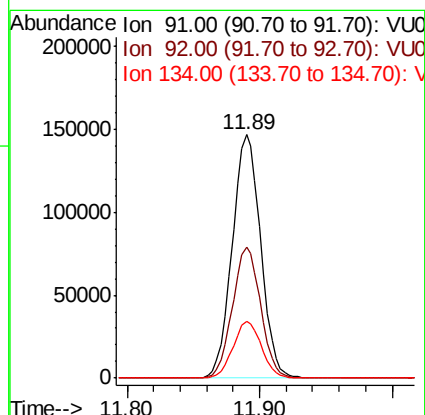
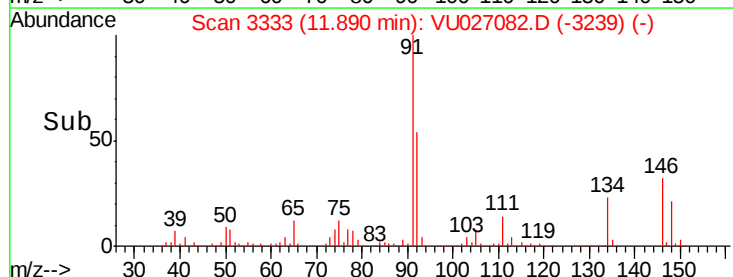
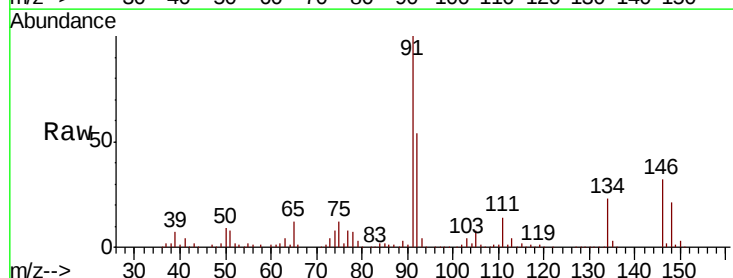
RT: 11.89 min Scan# 3333

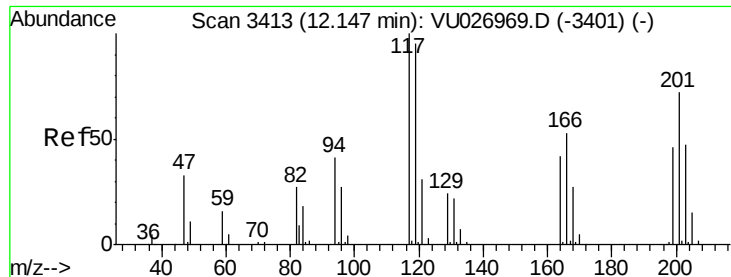
Delta R.T. 0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

Tgt Ion:	91	Resp:	217834
Ion Ratio	Lower	Upper	
91	100		
92	53.3	27.1	81.2
134	23.2	11.7	35.0





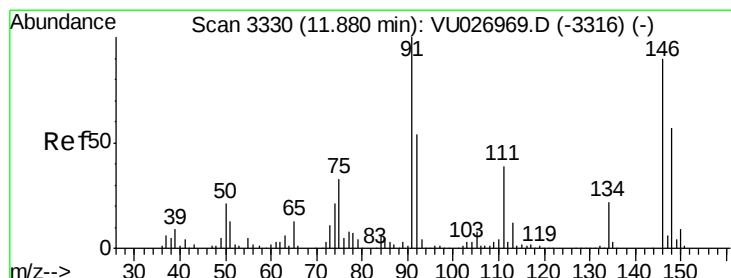
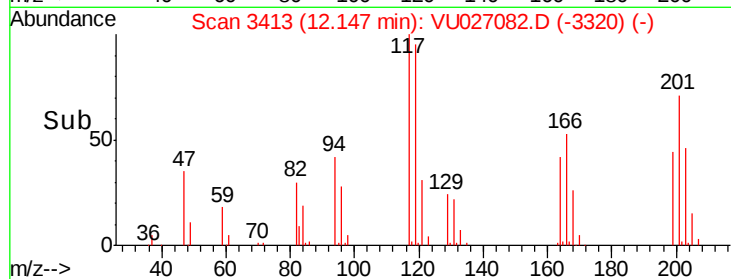
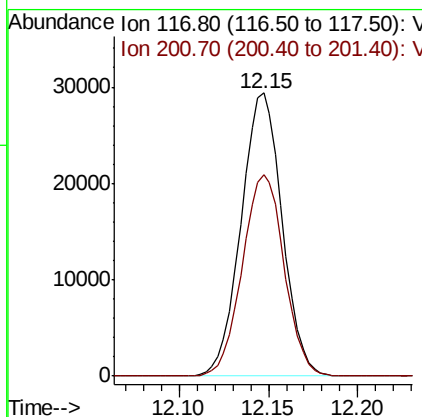
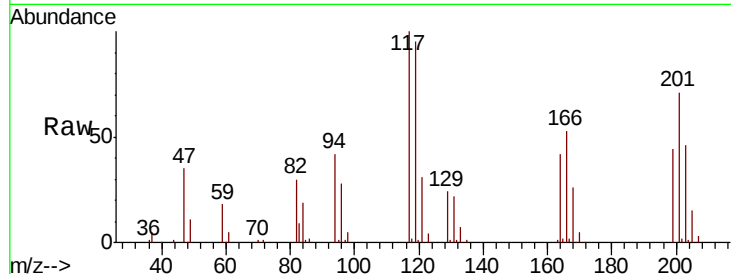
#90
Hexachloroethane
Concen: 46.275 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Instrument :
MSVOA_U
ClientSampleId :
BP-TT-SW4002-20180915MS

Tot Ion:117 Resp: 47107
Ion Ratio Lower Upper
117 100
201 72.5 36.8 110.3

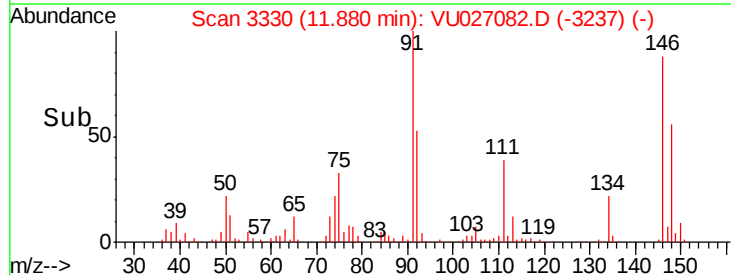
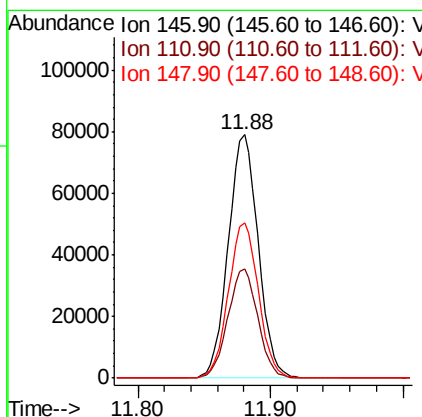
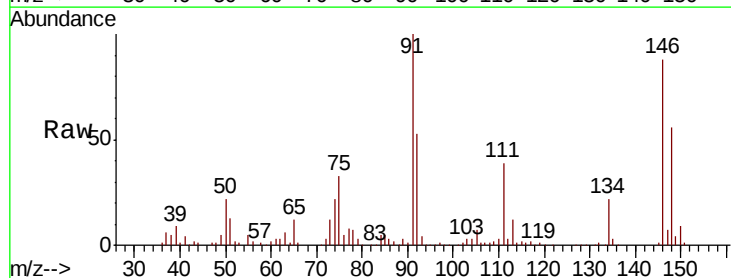
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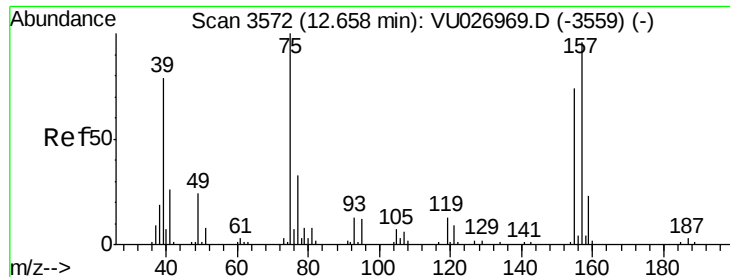
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#91
1,2-Dichlorobenzene
Concen: 45.663 ug/l
RT: 11.88 min Scan# 3330
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Tgt Ion:146 Resp: 123942
Ion Ratio Lower Upper
146 100
111 44.7 21.8 65.3
148 63.9 31.9 95.7





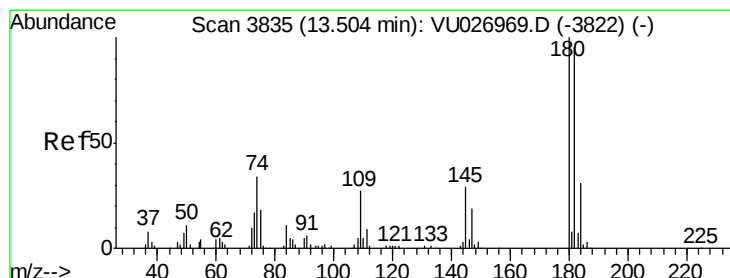
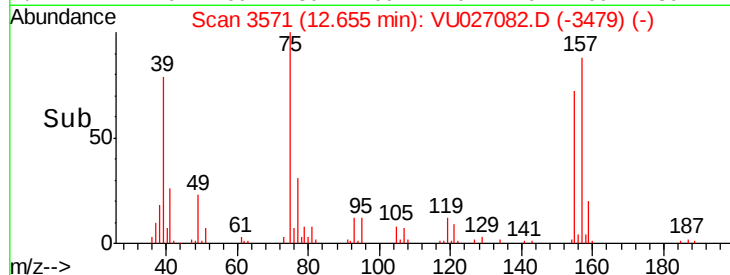
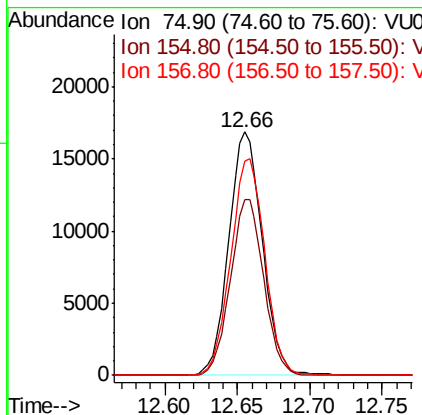
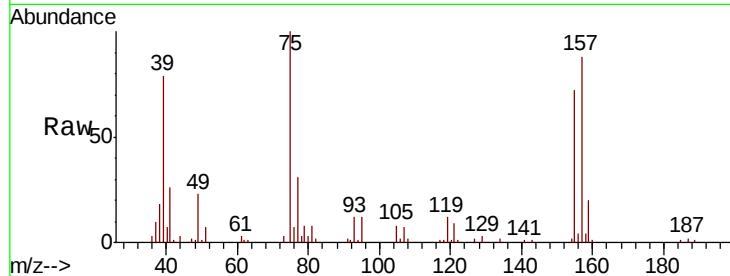
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.420 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VU027082.D
 Acq: 23 Sep 2018 19:10

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TT-SW4002-20180915MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	71.2	36.6	109.8
157	90.0	47.4	142.2

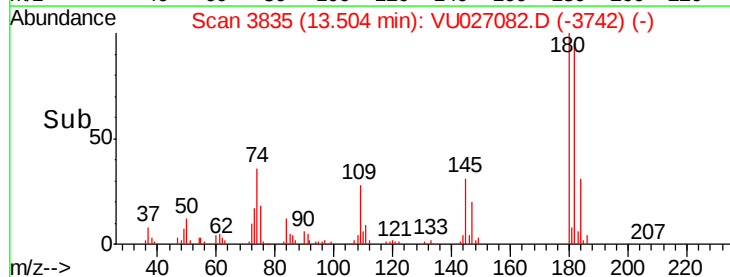
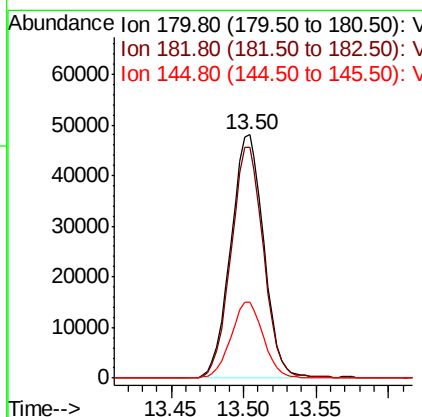
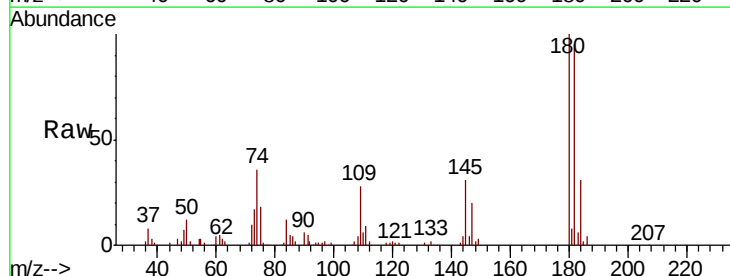
Manual Integrations
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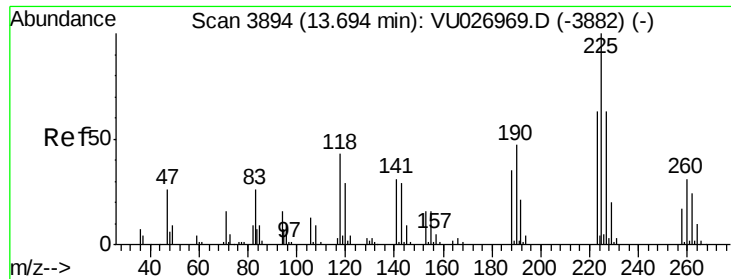
MMDadoda
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#93
 1,2,4-Trichlorobenzene
 Concen: 48.530 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. -0.00 min
 Lab File: VU027082.D
 Acq: 23 Sep 2018 19:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.4	142.2
145	30.5	14.9	44.5





#94

Hexachlorobutadiene

Concen: 41.890 ug/l

RT: 13.69 min Scan# 3893

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

Instrument :

MSVOA_U

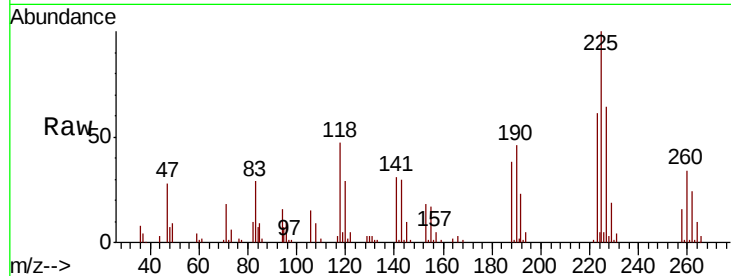
ClientSampleId :

BP-TT-SW4002-20180915MS

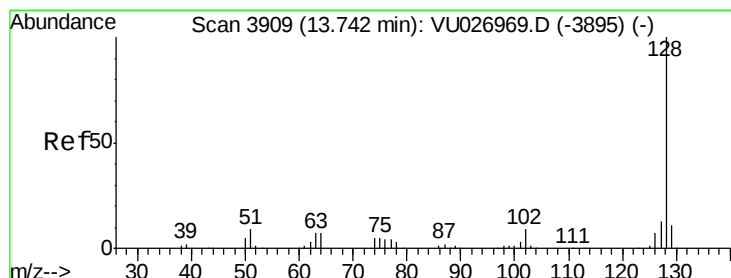
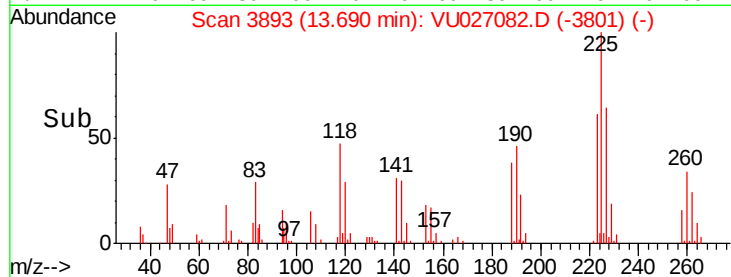
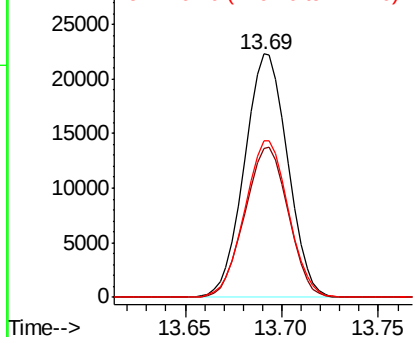
Tot Ion:	225	Resp:	34669
Ion Ratio	Lower	Upper	
225	100		
223	62.0	31.9	95.7
227	65.1	32.1	96.5

Manual Integrations
APPROVED

MMDadoda
9/24/2018 4:40:37 PM



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 46.864 ug/l

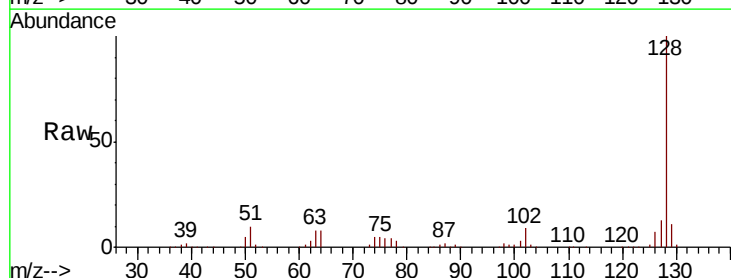
RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

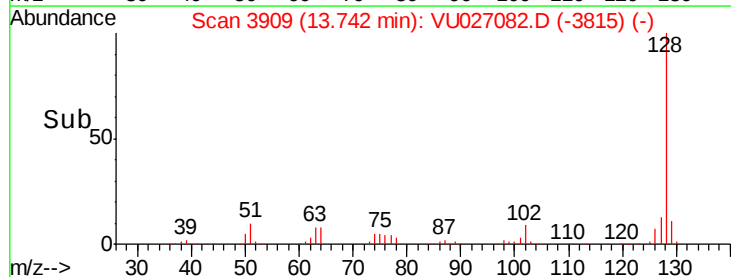
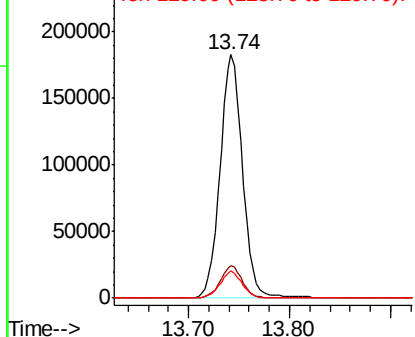
Lab File: VU027082.D

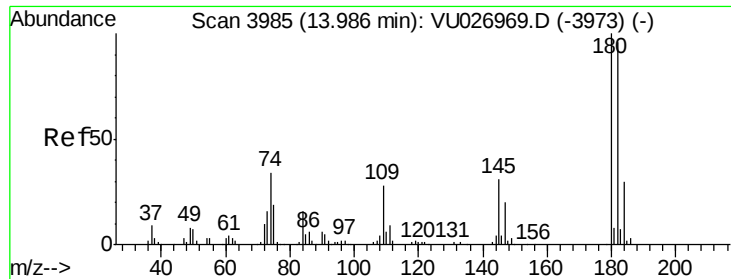
Acq: 23 Sep 2018 19:10

Tgt Ion:	128	Resp:	285931
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	15.8
129	10.8	8.6	12.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 49.179 ug/l
 RT: 13.99 min Scan# 3985
 Delta R.T. -0.00 min
 Lab File: VU027082.D
 Acq: 23 Sep 2018 19:10

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TT-SW4002-20180915MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.5	142.5
145	31.3	15.4	46.4

Manual Integrations
 APPROVED

MMDadoda
 9/24/2018 4:40:37 PM

