

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092218\
 Data File : VU027037.D
 Acq On : 22 Sep 2018 23:33
 Operator : MD/SY
 Sample : J4958-02MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MS

Manual Integrations
 APPROVED

MMDadoda
 9/24/2018 2:14:23 PM

Quant Time: Sep 24 05:37:53 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	77832	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	135924	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	134666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	74727	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	85972	54.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.76%	
35) Dibromofluoromethane	4.88	113	59954	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
50) Toluene-d8	7.57	98	232114	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
62) 4-Bromofluorobenzene	10.31	95	82469	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.21	85	46716	45.971	ug/l	98
3) Chloromethane	1.33	50	84166	48.039	ug/l	100
4) Vinyl Chloride	1.40	62	79758	48.768	ug/l	99
5) Bromomethane	1.62	94	44106	47.358	ug/l	98
6) Chloroethane	1.69	64	52543	50.283	ug/l	100
7) Trichlorofluoromethane	1.88	101	90191	48.556	ug/l	99
8) Diethyl Ether	2.10	74	45567	50.966	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.29	101	51165	44.799	ug/l	98
10) Methyl Iodide	2.41	142	55766	39.369	ug/l	99
11) Tert butyl alcohol	2.83	59	101451	282.552	ug/l	99
12) 1,1-Dichloroethene	2.28	96	53157	49.449	ug/l	99
13) Acrolein	2.20	56	48030	248.149	ug/l	100
14) Allyl chloride	2.59	41	116694	53.522	ug/l	99
15) Acrylonitrile	2.94	53	247506	273.502	ug/l	98
16) Acetone	2.32	43	226017	273.156	ug/l	98
17) Carbon Disulfide	2.48	76	165524	47.267	ug/l	100
18) Methyl Acetate	2.62	43	114748	51.465	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	220047	55.704	ug/l	99
20) Methylene Chloride	2.70	84	68729	48.990	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	58058	50.586	ug/l	99
22) Diisopropyl ether	3.58	45	265585	56.950	ug/l	97
23) Vinyl Acetate	3.53	43	1048018	263.636	ug/l	99
24) 1,1-Dichloroethane	3.45	63	136405	53.108	ug/l	98
25) 2-Butanone	4.26	43	355779	270.253	ug/l	99
26) 2,2-Dichloropropane	4.23	77	88639	44.251	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	67535	52.104	ug/l	98
28) Bromochloromethane	4.55	49	71708	57.917	ug/l	94
29) Tetrahydrofuran	4.64	42	233050	292.639	ug/l	97
30) Chloroform	4.67	83	123793	51.923	ug/l	99
31) Cyclohexane	5.00	56	116337	49.826	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	100231	52.654	ug/l	99
36) 1,1-Dichloropropene	5.14	75	90779	50.042	ug/l	98
37) Ethyl Acetate	4.38	43	117459	47.830	ug/l	99
38) Carbon Tetrachloride	5.14	117	83653	48.457	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	91986	46.661	ug/l	99
40) Benzene	5.39	78	275118	49.888	ug/l	100
41) Methacrylonitrile	4.54	41	72195	56.606	ug/l	99
42) 1,2-Dichloroethane	5.40	62	106900	51.307	ug/l	99
43) Isopropyl Acetate	5.55	43	186740	52.141	ug/l	99
44) Trichloroethene	6.19	130	58060	49.454	ug/l	99
45) 1,2-Dichloropropane	6.43	63	81802	52.059	ug/l	100
46) Dibromomethane	6.56	93	47389	49.936	ug/l	97
47) Bromodichloromethane	6.76	83	94403	49.196	ug/l	99
48) Methyl methacrylate	6.62	41	100427	51.489	ug/l	98
49) 1,4-Dioxane	6.61	88	41514	1072.498	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	681160	282.789	ug/l	100
52) Toluene	7.64	92	165774	52.443	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	108822	52.782	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	110714	48.839	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	67154	50.137	ug/l	99
56) Ethyl methacrylate	8.02	69	114336	49.233	ug/l	98
57) 1,3-Dichloropropane	8.24	76	130420	52.353	ug/l	100
59) 2-Hexanone	8.36	43	523491	277.641	ug/l	100
60) Dibromochloromethane	8.48	129	66961	50.967	ug/l	97
61) 1,2-Dibromoethane	8.59	107	70042	50.259	ug/l	100
64) Tetrachloroethene	8.23	164	46707	45.010	ug/l	98
65) Chlorobenzene	9.12	112	168473	47.182	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	61375	49.904	ug/l	99
67) Ethyl Benzene	9.25	91	306702	52.235	ug/l	100
68) m/p-Xylenes	9.38	106	226470	95.311	ug/l	98
69) o-Xylene	9.78	106	110019	52.884	ug/l	98
70) Styrene	9.79	104	184273	47.532	ug/l	100
71) Bromoform	9.96	173	48081	50.555	ug/l #	99
73) Isopropylbenzene	10.17	105	293100	51.562	ug/l	100
74) N-amyl acetate	10.02	43	162589	49.414	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	119779	45.830	ug/l	98
76) 1,2,3-Trichloropropane	10.49	75	103496m	45.589	ug/l	
77) Bromobenzene	10.45	156	67462	48.566	ug/l	96
78) n-propylbenzene	10.59	91	353947	52.624	ug/l	99
79) 2-Chlorotoluene	10.66	91	213047	50.428	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	245766	52.376	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	41432m	58.405	ug/l	
82) 4-Chlorotoluene	10.77	91	241078	50.891	ug/l	100
83) tert-Butylbenzene	11.10	119	235697	50.806	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	252928	52.965	ug/l	99
85) sec-Butylbenzene	11.32	105	288800	50.998	ug/l	99
86) p-Isopropyltoluene	11.48	119	248014	46.736	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	123861	47.917	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	124546	44.208	ug/l	99
89) n-Butylbenzene	11.89	91	223409	43.689	ug/l	100
90) Hexachloroethane	12.15	117	48171	46.777	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	125566	45.730	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	27012	50.663	ug/l	98
93) 1,2,4-Trichlorobenzene	13.50	180	79217	50.064	ug/l	98

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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	36003	43.002	ug/l	99
95) Naphthalene	13.74	128	294941	47.752	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	85116	50.160	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MS

Tot Ion:168 Resp: 77832

Ion Ratio Lower Upper

168 100

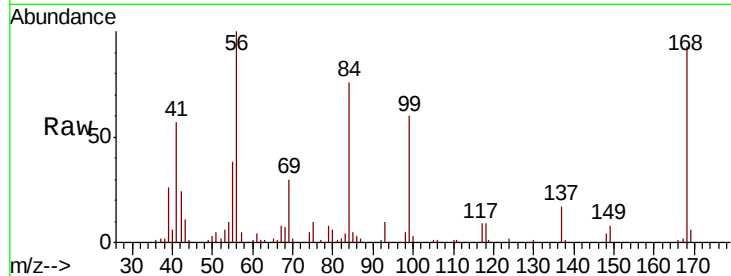
99 63.3 48.1 72.1

Manual Integrations

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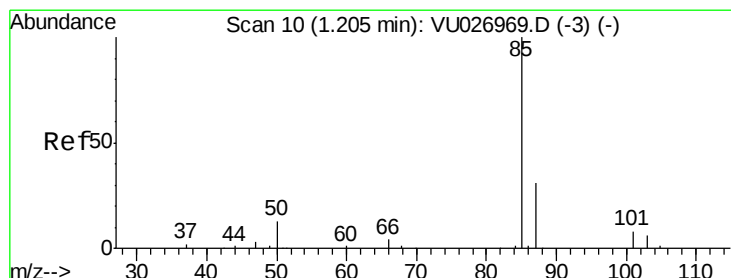
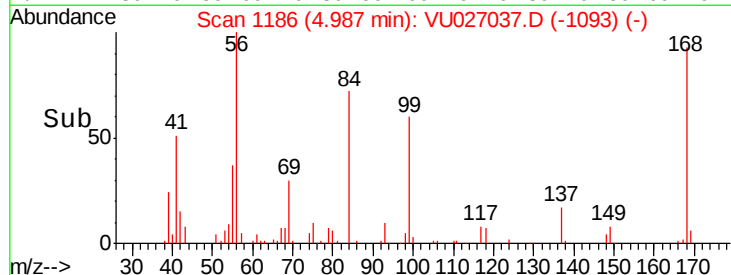
Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

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

4.99

4.90 4.95 5.00 5.05 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 45.971 ug/l

RT: 1.21 min Scan# 10

Delta R.T. -0.00 min

Lab File: VU027037.D

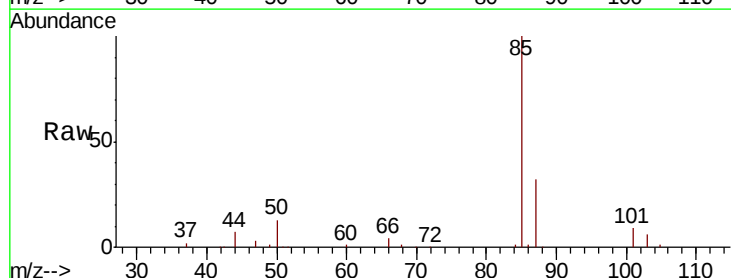
Acq: 22 Sep 2018 23:33

Tgt Ion: 85 Resp: 46716

Ion Ratio Lower Upper

85 100

87 32.4 15.6 46.7



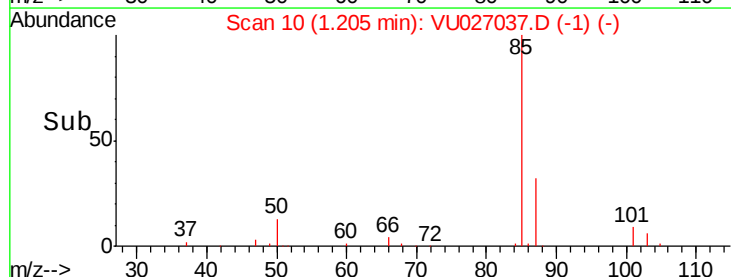
Abundance Ion 84.90 (84.60 to 85.60): VU026969.D (-3) (-)

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

1.21

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 48.039 ug/l

RT: 1.33 min Scan# 49

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MS

Tot Ion: 50 Resp: 84166

Ion Ratio Lower Upper

50 100

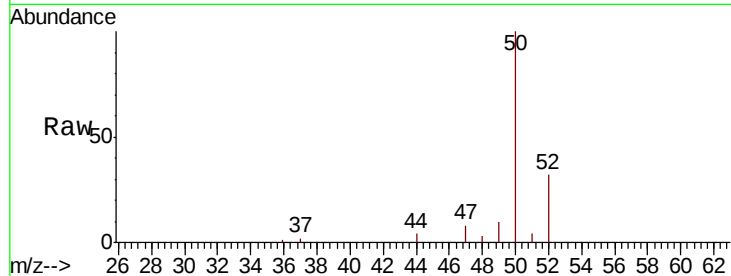
52 32.2 25.9 38.9

Manual Integrations

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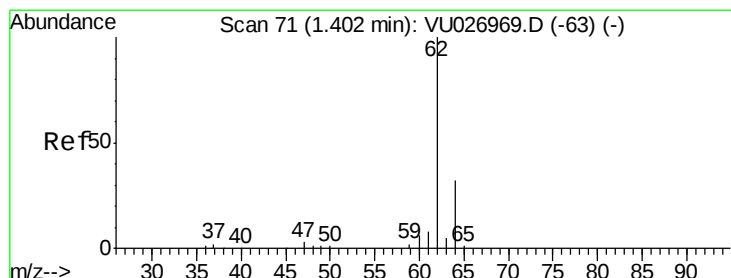
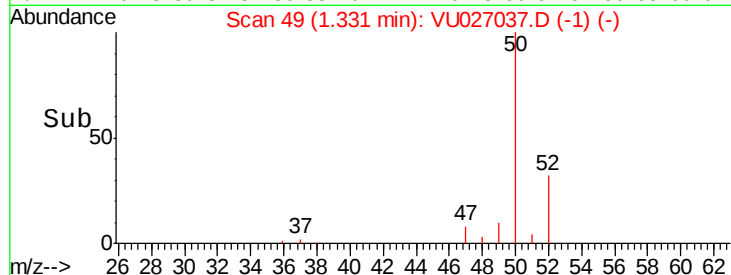
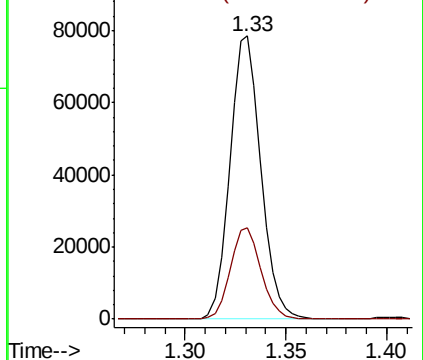
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Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 48.768 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU027037.D

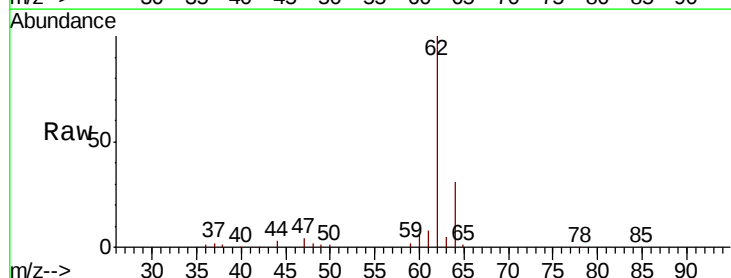
Acq: 22 Sep 2018 23:33

Tgt Ion: 62 Resp: 79758

Ion Ratio Lower Upper

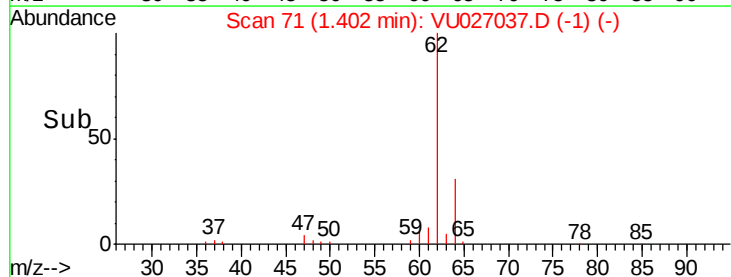
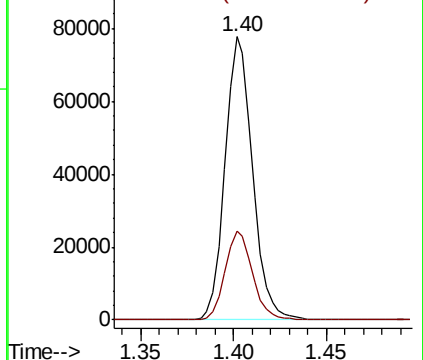
62 100

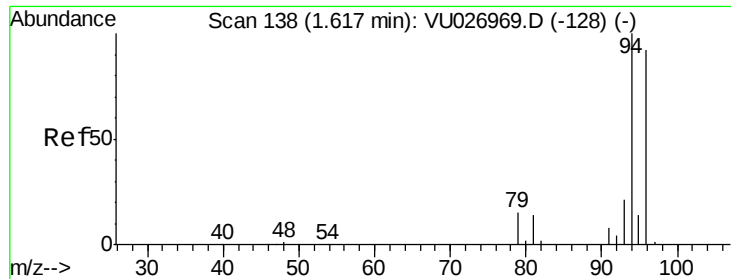
64 31.4 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 47.358 ug/l

RT: 1.62 min Scan# 138

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MS

Tot Ion: 94 Resp: 44106

Ion Ratio Lower Upper

94 100

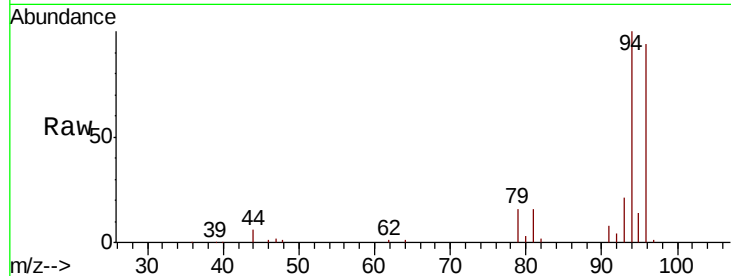
96 93.5 73.2 109.8

Manual Integrations

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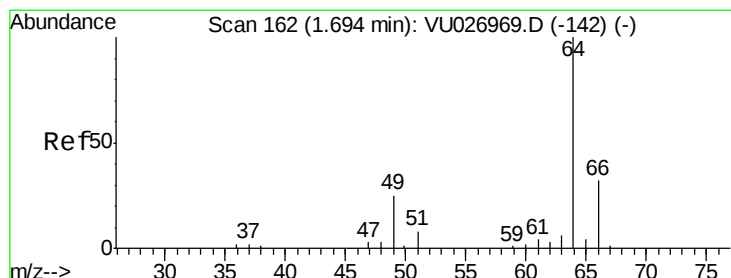
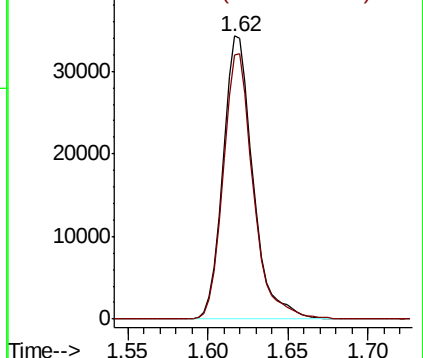
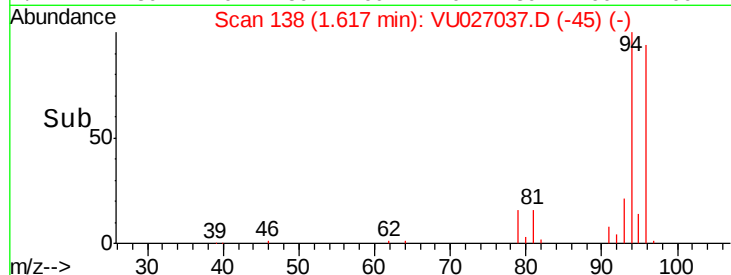
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Abundance Ion 93.90 (93.60 to 94.60): VU027037.D (-45) (-)

Ion 95.90 (95.60 to 96.60): VU027037.D (-45) (-)



#6

Chloroethane

Concen: 50.283 ug/l

RT: 1.69 min Scan# 162

Delta R.T. -0.00 min

Lab File: VU027037.D

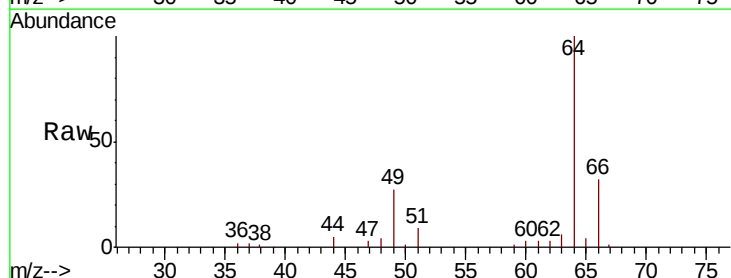
Acq: 22 Sep 2018 23:33

Tgt Ion: 64 Resp: 52543

Ion Ratio Lower Upper

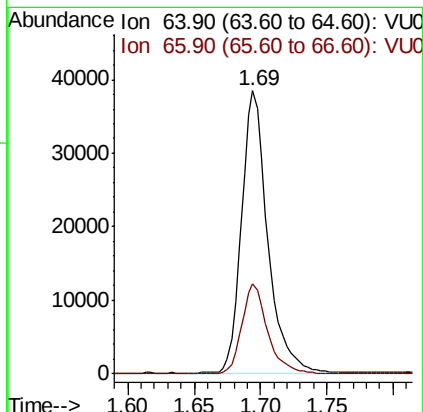
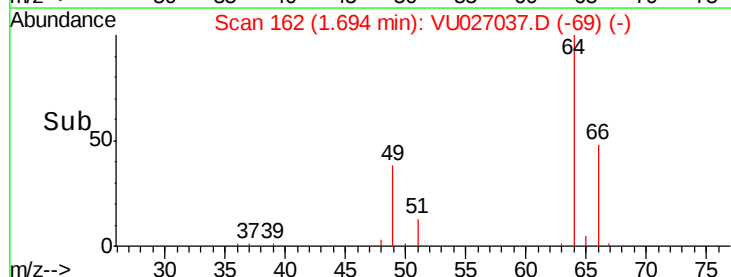
64 100

66 31.8 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VU027037.D (-69) (-)

Ion 65.90 (65.60 to 66.60): VU027037.D (-69) (-)





#7

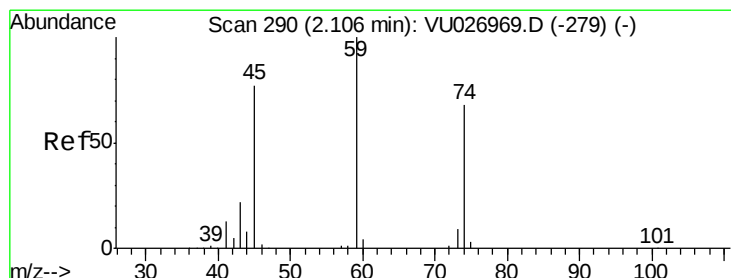
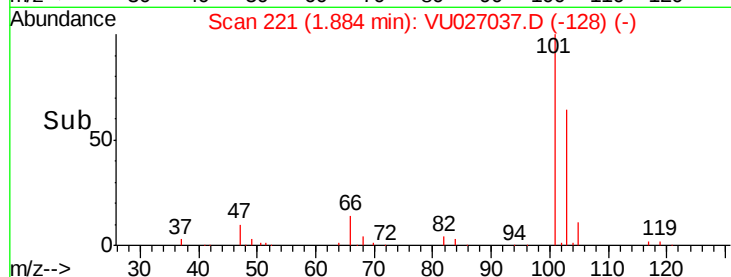
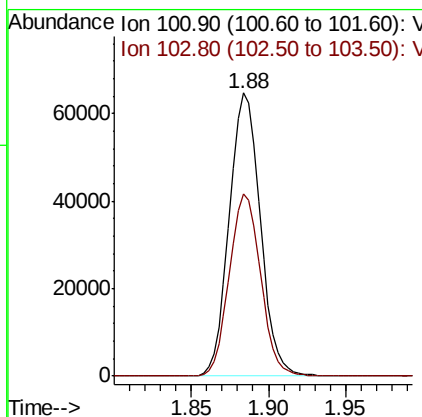
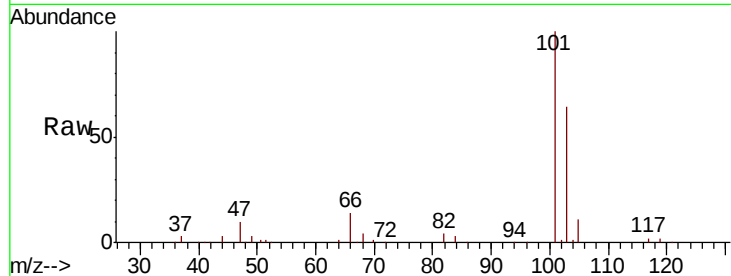
Trichlorofluoromethane
 Concen: 48.556 ug/l
 RT: 1.88 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VU027037.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	52.2	78.2

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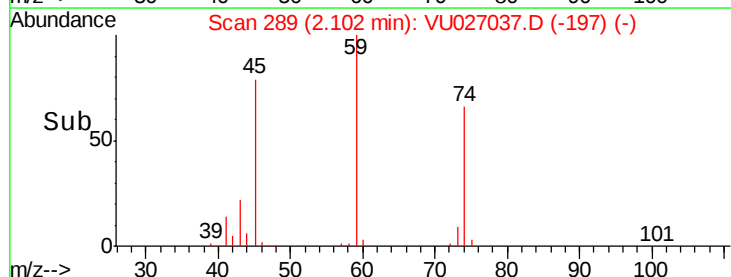
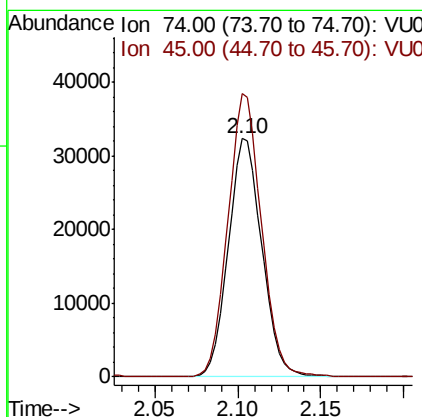
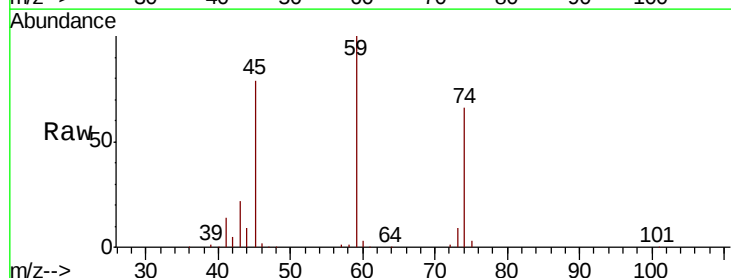
MMDadoda
 9/24/2018 2:14:23 PM

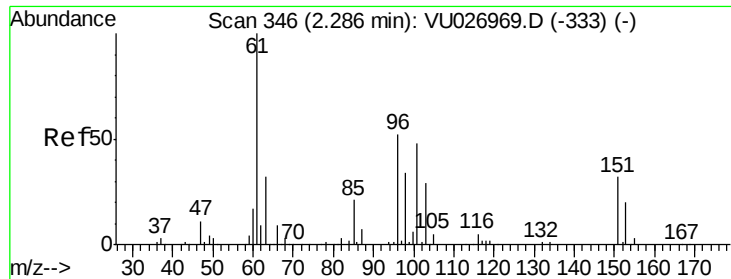


#8

Diethyl Ether
 Concen: 50.966 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

Tgt Ion	Ratio	Lower	Upper
74	100		
45	119.0	56.9	170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.799 ug/l

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Instrument :

MSVOA_U

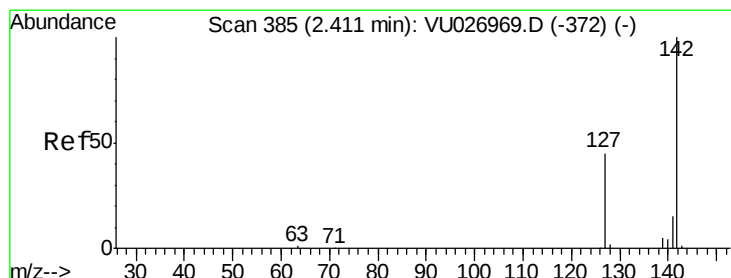
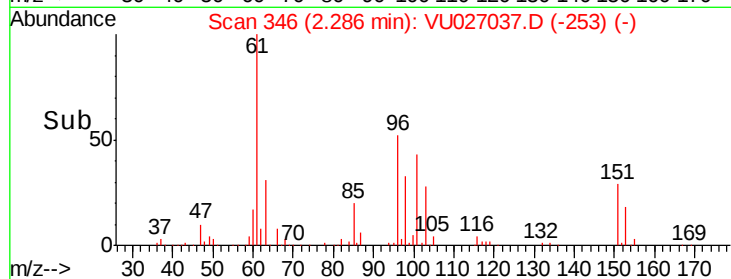
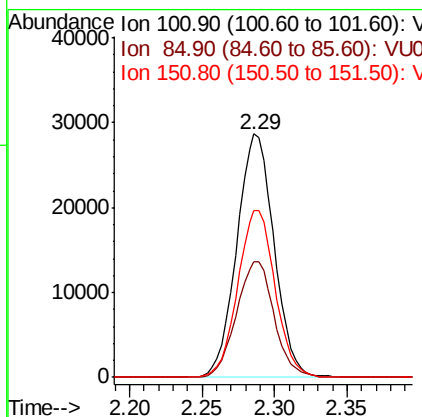
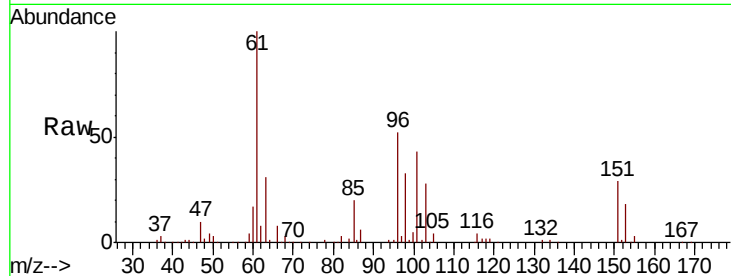
ClientSampleId :

BPSI-TT-MW308D-20180914MS

Tot Ion:	101	Resp:	51165
Ion Ratio	Lower	Upper	
101	100		
85	47.9	36.2	54.2
151	68.4	54.5	81.7

Manual Integrations
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#10

Methyl Iodide

Concen: 39.369 ug/l

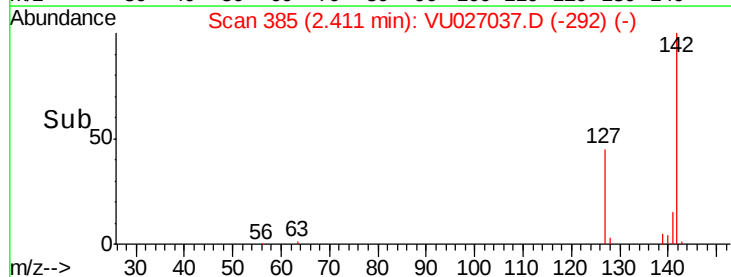
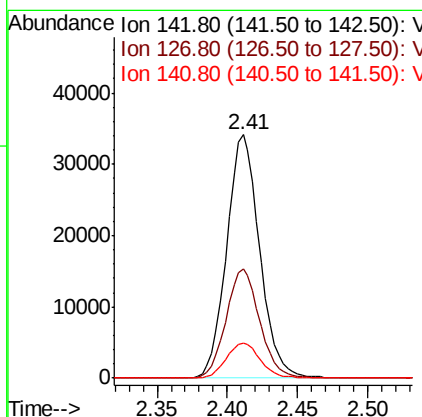
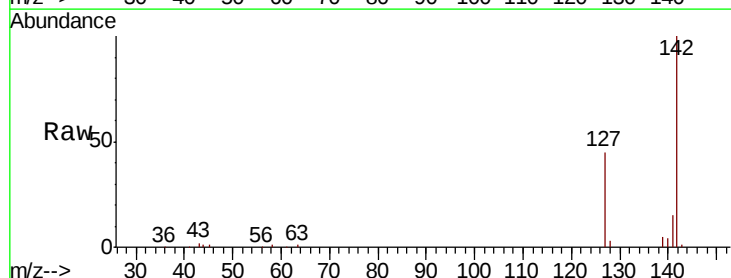
RT: 2.41 min Scan# 385

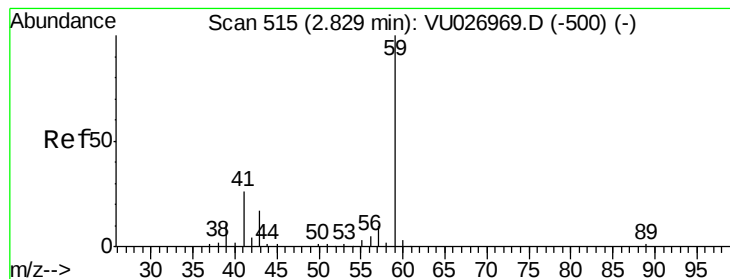
Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Tgt Ion:	142	Resp:	55766
Ion Ratio	Lower	Upper	
142	100		
127	45.5	36.7	55.1
141	14.7	11.8	17.6





#11

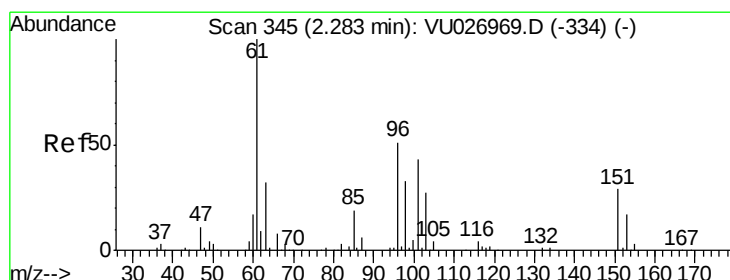
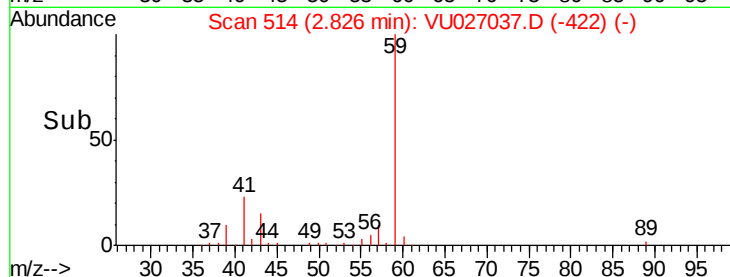
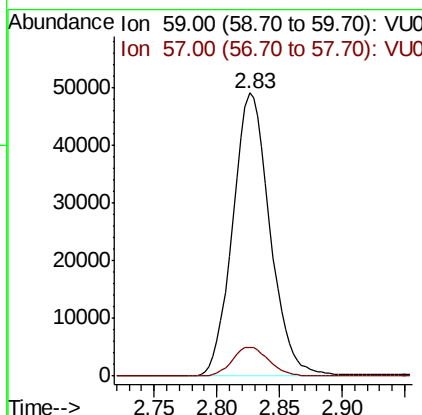
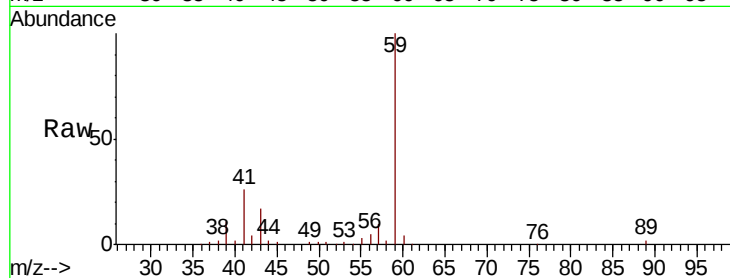
Tert butyl alcohol
 Concen: 282.552 ug/l
 RT: 2.83 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MS

Tot Ion	Ratio	Resp	Lower	Upper
59	100	101451		
57	10.1		8.5	12.7

Manual Integrations
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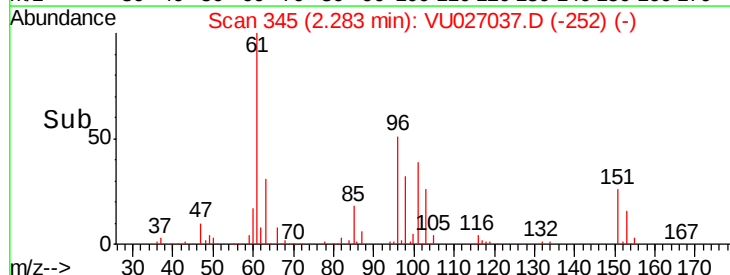
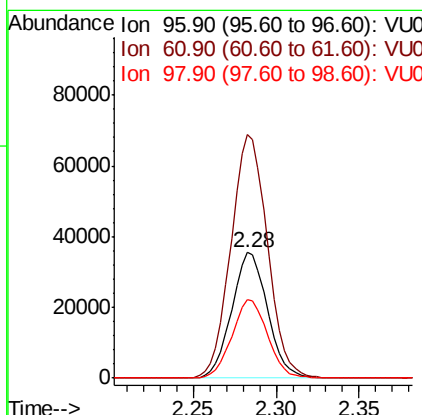
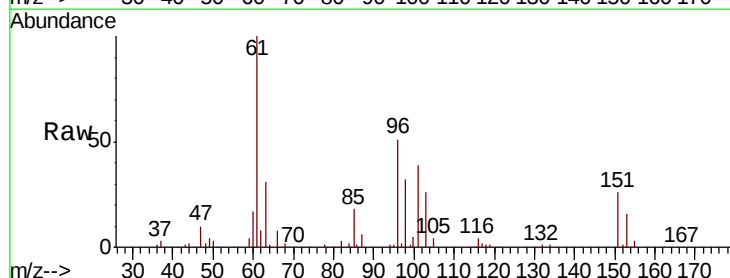
MMDadoda
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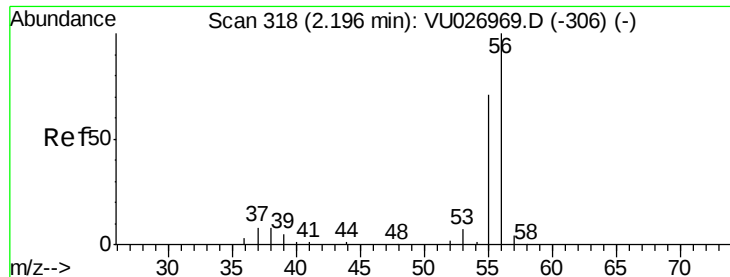


#12

1,1-Dichloroethene
 Concen: 49.449 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. -0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	53157		
61	194.0		156.1	234.1
98	62.5		51.4	77.0





#13

Acrolein

Concen: 248.149 ug/l

RT: 2.20 min Scan# 318

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MS

Tot Ion: 56 Resp: 48030

Ion Ratio Lower Upper

56 100

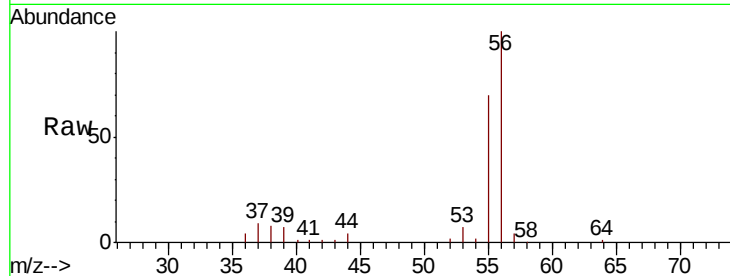
55 71.2 57.1 85.7

Manual Integrations

APPROVED

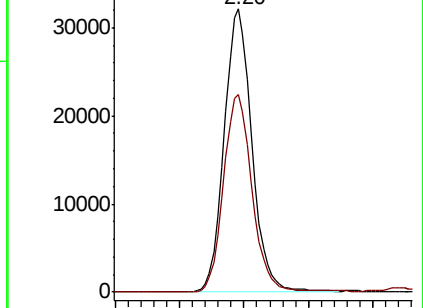
MMDadoda

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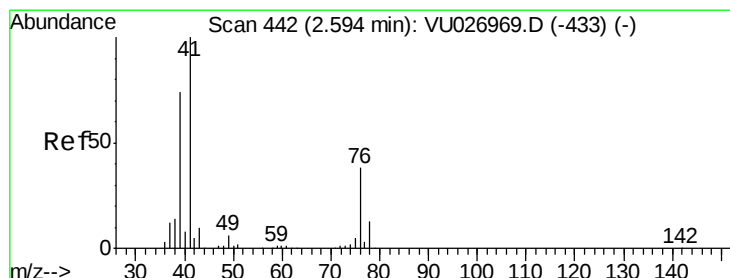
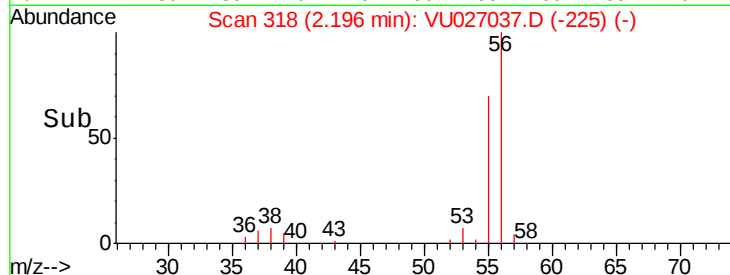


Abundance Ion 56.00 (55.70 to 56.70): VU026969.D (-306) (-)

Ion 55.00 (54.70 to 55.70): VU026969.D (-306) (-)



Time--> 2.10 2.15 2.20 2.25 2.30



#14

Allyl chloride

Concen: 53.522 ug/l

RT: 2.59 min Scan# 441

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

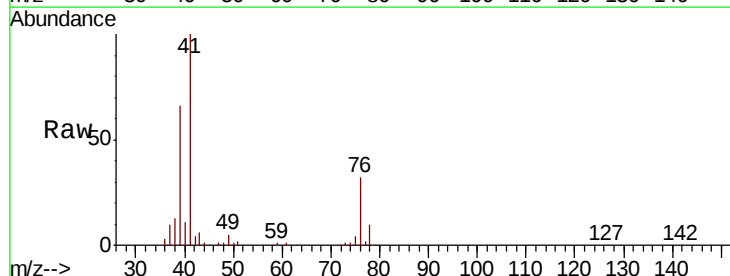
Tgt Ion: 41 Resp: 116694

Ion Ratio Lower Upper

41 100

39 69.7 55.7 83.5

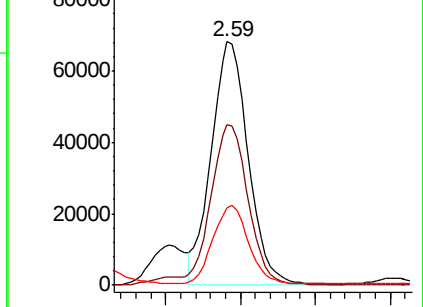
76 31.0 26.5 39.7



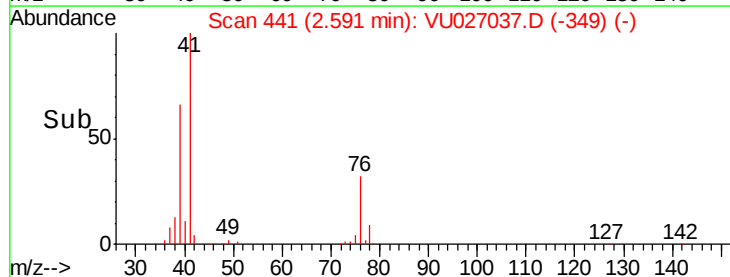
Abundance Ion 41.00 (40.70 to 41.70): VU026969.D (-433) (-)

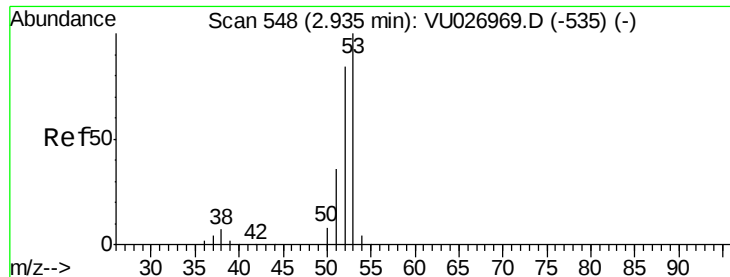
Ion 39.00 (38.70 to 39.70): VU026969.D (-433) (-)

Ion 75.90 (75.60 to 76.60): VU026969.D (-433) (-)



Time--> 2.55 2.60 2.65 2.70





#15

Acrylonitrile

Concen: 273.502 ug/l

RT: 2.94 min Scan# 548

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Instrument :

MSVOA_U

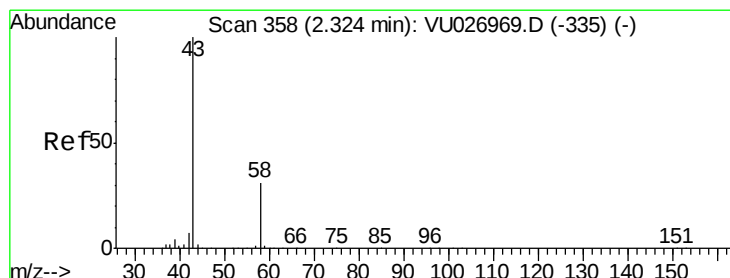
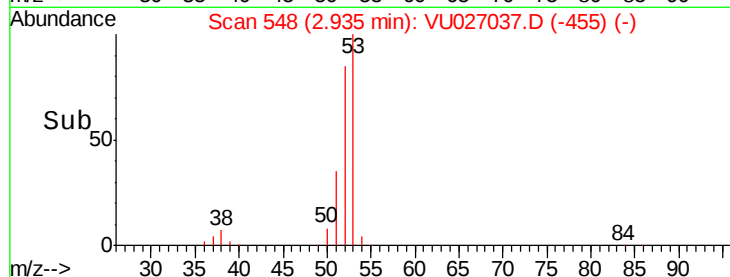
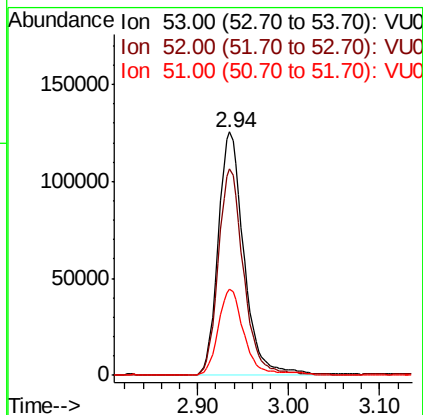
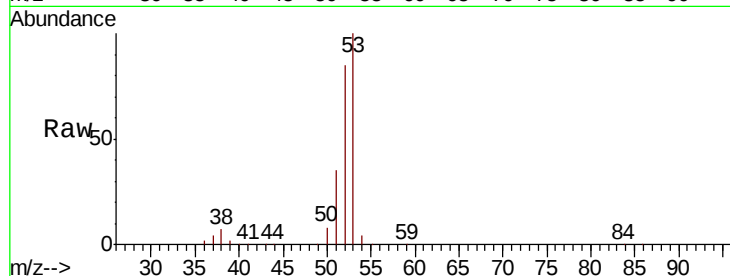
ClientSampleId :

BPSI-TT-MW308D-20180914MS

Tot Ion:	53	Resp:	247506
Ion	Ratio	Lower	Upper
53	100		
52	83.8	65.7	98.5
51	34.9	27.4	41.2

Manual Integrations
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#16

Acetone

Concen: 273.156 ug/l

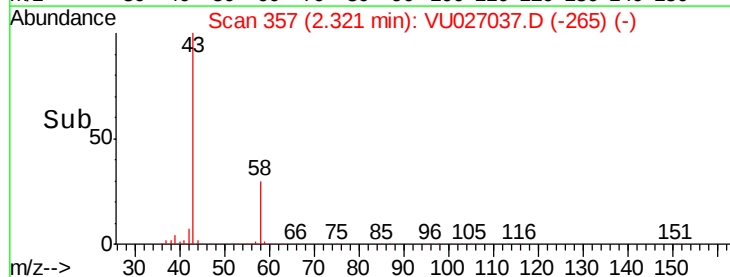
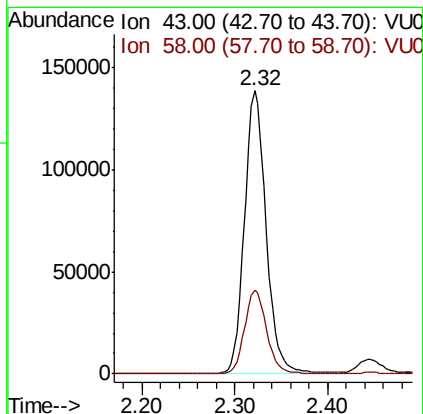
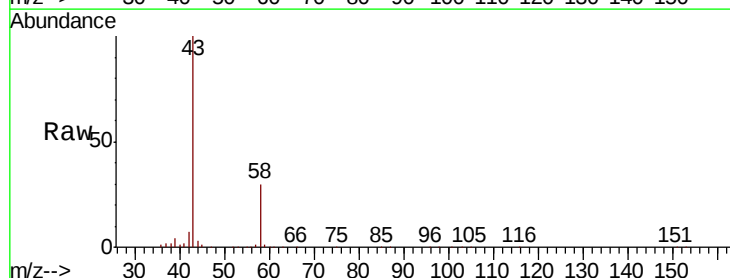
RT: 2.32 min Scan# 357

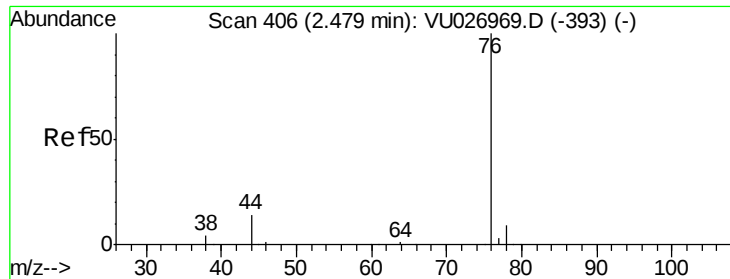
Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Tgt Ion:	43	Resp:	226017
Ion	Ratio	Lower	Upper
43	100		
58	29.6	24.6	36.8





#17

Carbon Disulfide

Concen: 47.267 ug/l

RT: 2.48 min Scan# 405

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MS

Tot Ion: 76 Resp: 165524

Ion Ratio Lower Upper

76 100

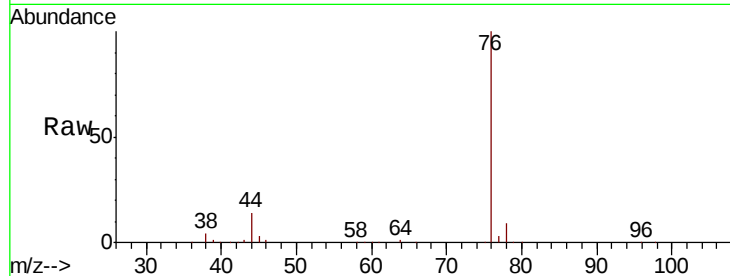
78 9.0 7.1 10.7

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VU026969.D (-393) (-)

Ion 77.90 (77.60 to 78.60): VU026969.D (-393) (-)

2.48

100000

80000

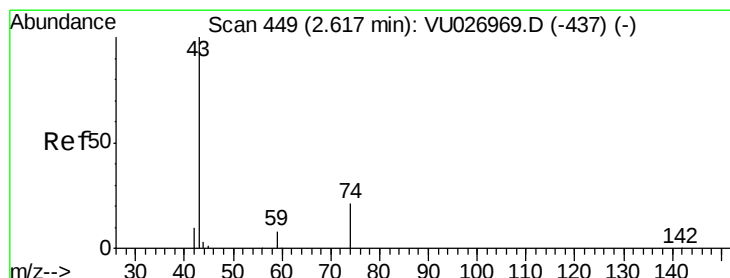
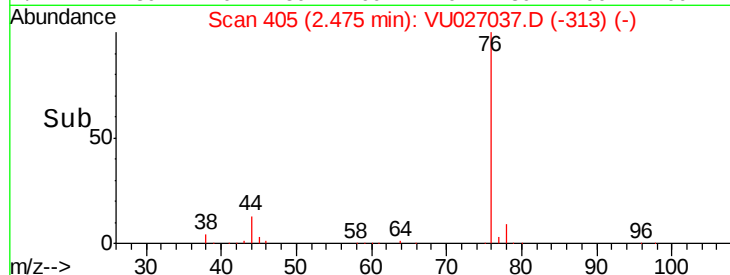
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 51.465 ug/l

RT: 2.62 min Scan# 449

Delta R.T. -0.00 min

Lab File: VU027037.D

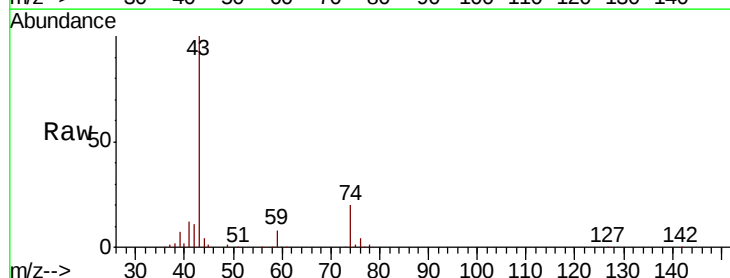
Acq: 22 Sep 2018 23:33

Tgt Ion: 43 Resp: 114748

Ion Ratio Lower Upper

43 100

74 20.5 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-437) (-)

Ion 74.00 (73.70 to 74.70): VU026969.D (-437) (-)

2.62

80000

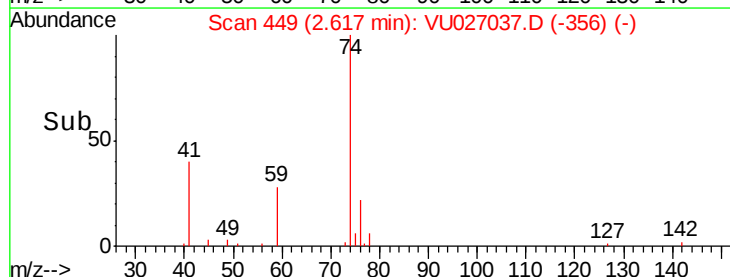
60000

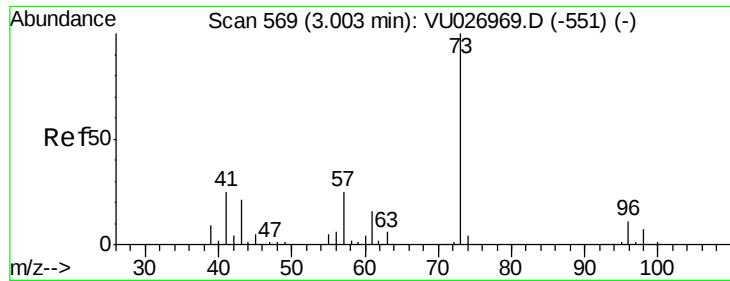
40000

20000

0

Time-->





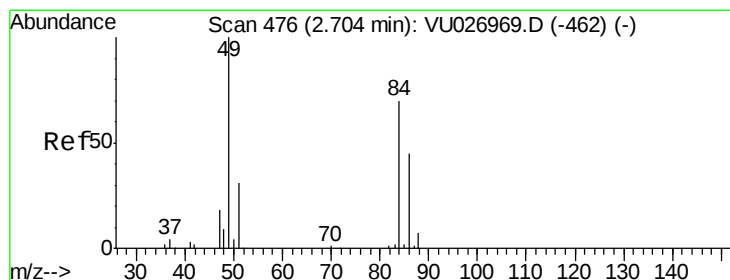
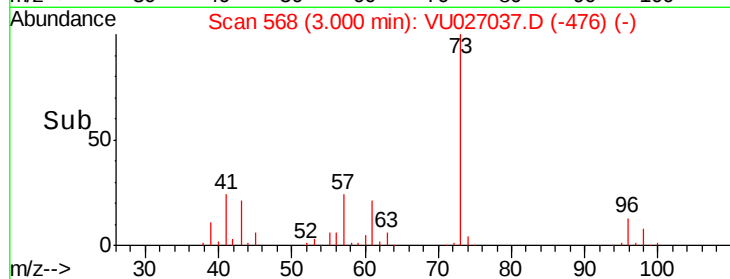
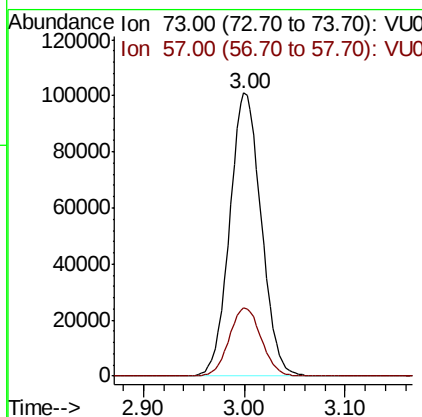
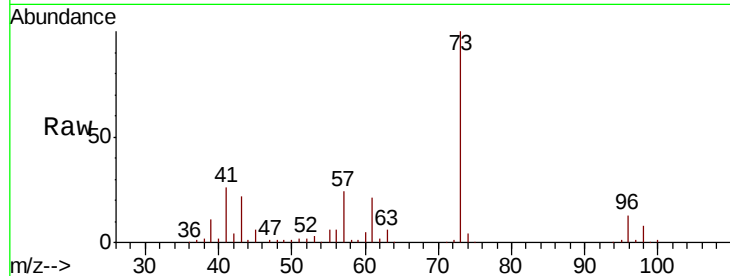
#19
Methvl tert-butvl Ether
Concen: 55.704 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.1	19.8	29.6

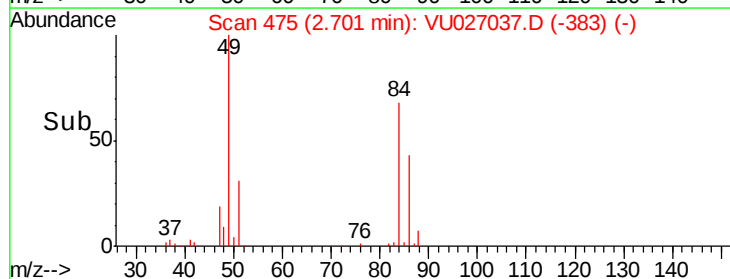
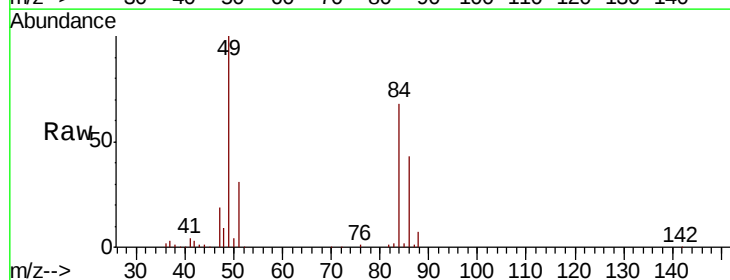
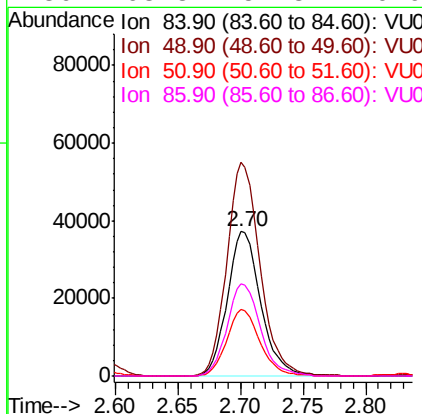
Manual Integrations
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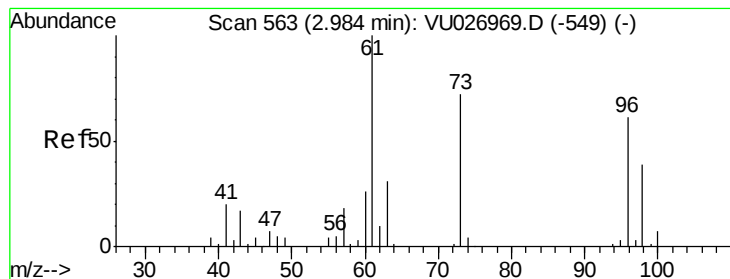
MMDadoda
9/24/2018 2:14:23 PM



#20
Methylene Chloride
Concen: 48.990 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

Tgt Ion	Ratio	Lower	Upper
84	100		
49	148.1	114.9	172.3
51	46.5	35.8	53.8
86	63.8	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 50.586 ug/l

RT: 2.98 min Scan# 563

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MS

Tot Ion: 96 Resp: 58058

Ion Ratio Lower Upper

96 100

61 166.8 131.8 197.6

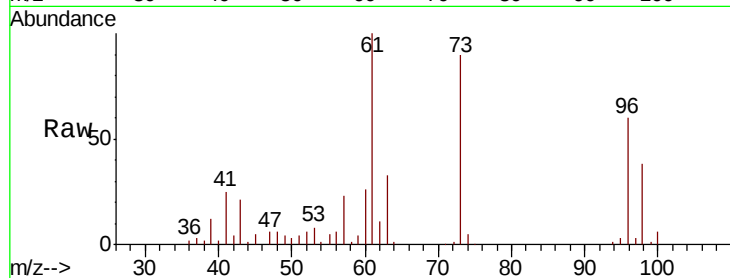
98 63.9 50.9 76.3

Manual Integrations

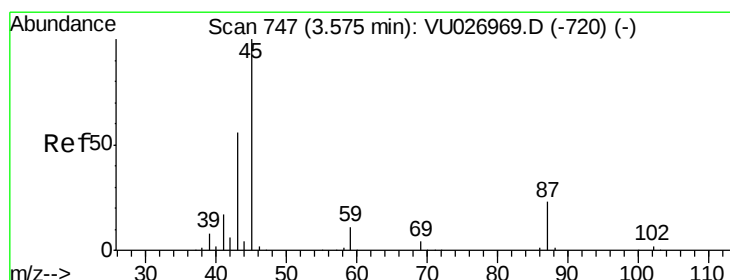
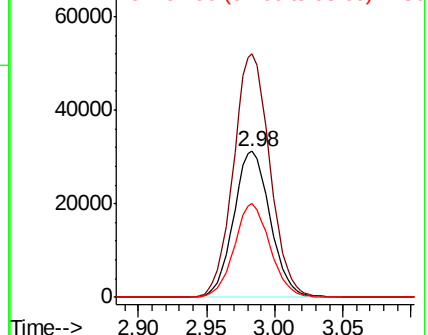
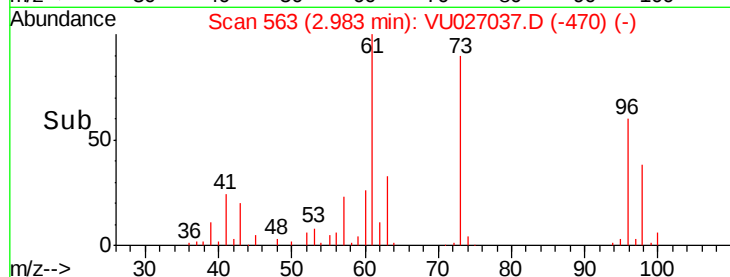
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Abundance Ion 95.90 (95.60 to 96.60): VU027037.D (-470) (-)



#22

Diisopropyl ether

Concen: 56.950 ug/l

RT: 3.58 min Scan# 747

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Tgt Ion: 45 Resp: 265585

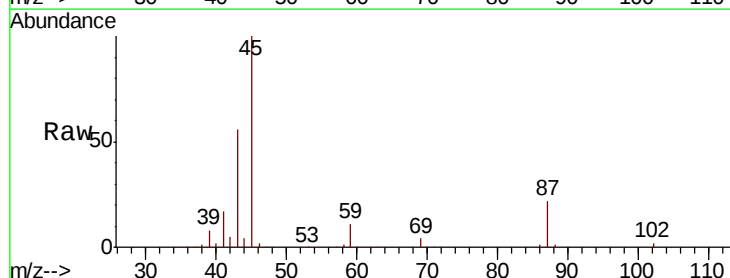
Ion Ratio Lower Upper

45 100

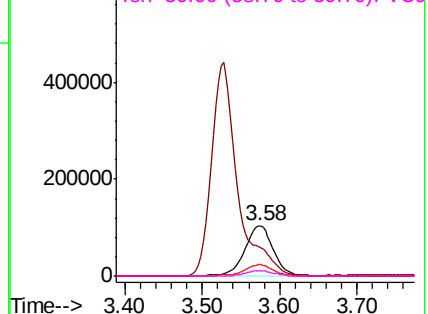
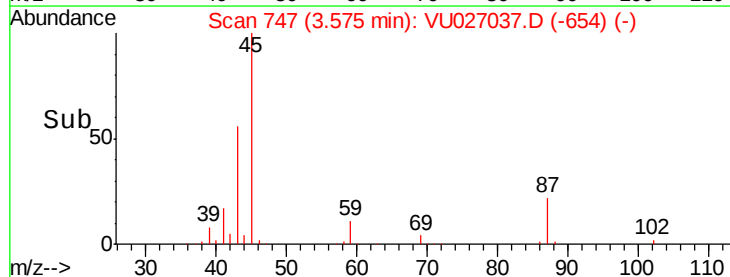
43 54.5 45.8 68.6

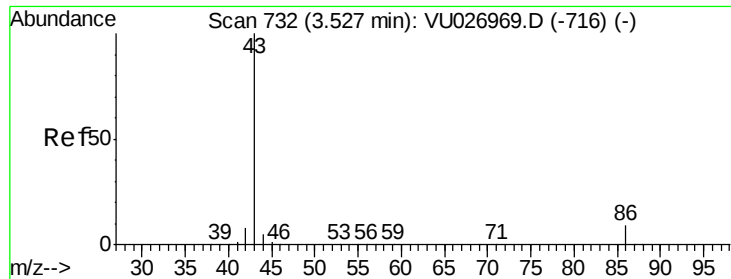
87 22.3 18.6 28.0

59 10.8 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VU027037.D (-654) (-)





#23

Vinyl Acetate

Concen: 263.636 ug/l

RT: 3.53 min Scan# 732

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MS

Tot Ion: 43 Resp: 1048018

Ion Ratio Lower Upper

43 100

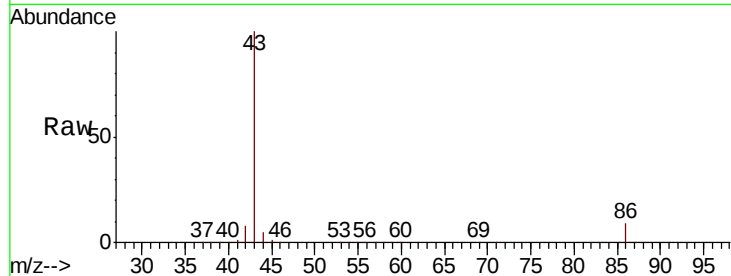
86 8.6 7.2 10.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

500000

400000

300000

200000

100000

0

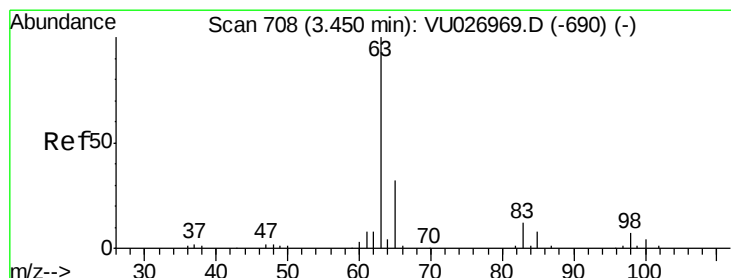
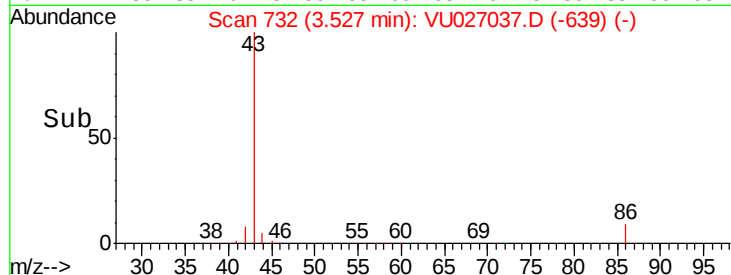
3.40

3.50

3.60

3.70

Time-->



#24

1,1-Dichloroethane

Concen: 53.108 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

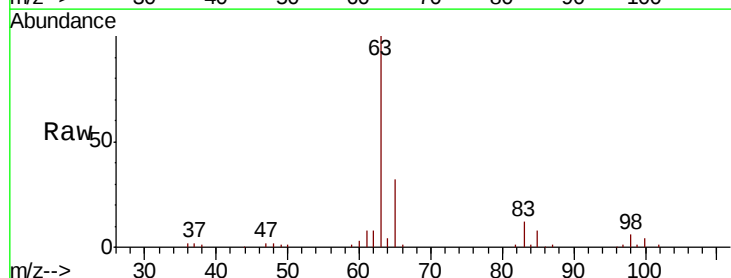
Tgt Ion: 63 Resp: 136405

Ion Ratio Lower Upper

63 100

98 5.8 3.3 9.8

100 3.7 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0

80000

60000

40000

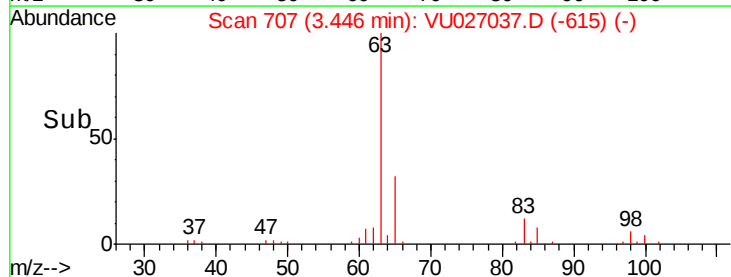
20000

0

3.40

3.50

Time-->





#25

2-Butanone

Concen: 270.253 ug/l

RT: 4.26 min Scan# 961

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MS

Tot Ion: 43 Resp: 355779

Ion Ratio Lower Upper

43 100

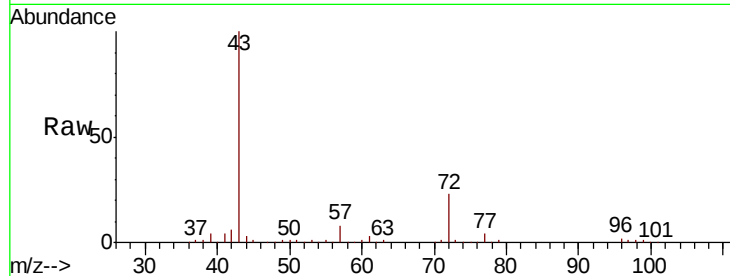
72 22.4 18.4 27.6

Manual Integrations

APPROVED

MMDadoda

9/24/2018 2:14:23 PM



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

150000

100000

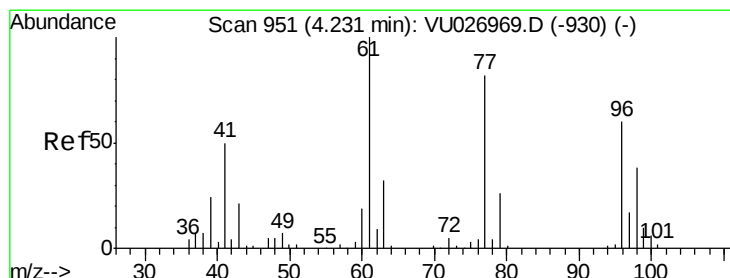
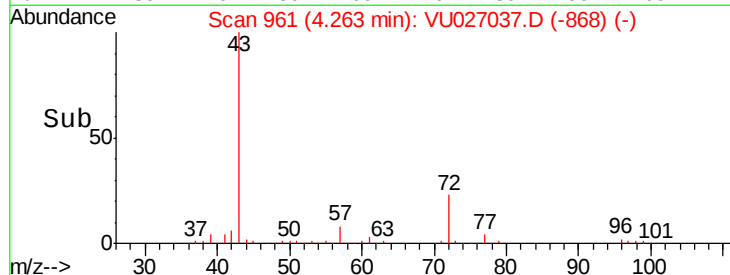
50000

0

4.26

4.15 4.20 4.25 4.30 4.35

Time-->



#26

2,2-Dichloropropane

Concen: 44.251 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027037.D

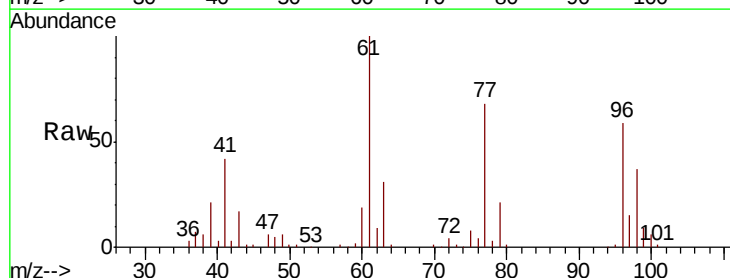
Acq: 22 Sep 2018 23:33

Tgt Ion: 77 Resp: 88639

Ion Ratio Lower Upper

77 100

97 21.1 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

30000

20000

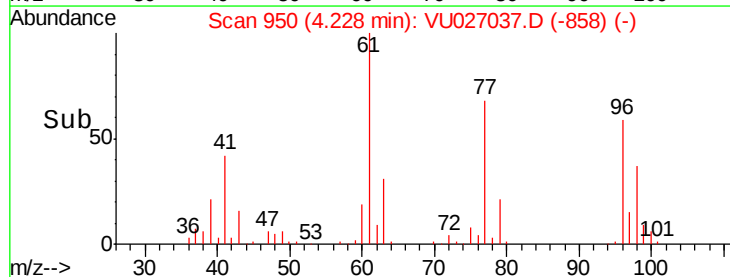
10000

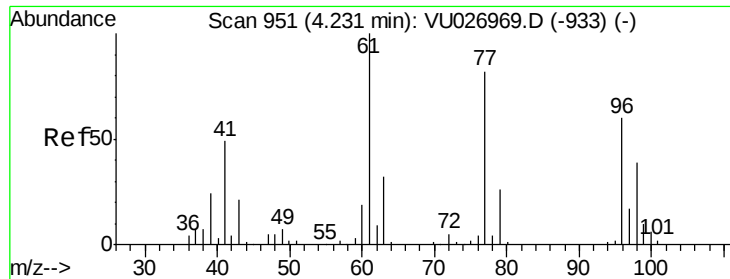
0

4.23

4.10 4.20 4.30

Time-->





#27

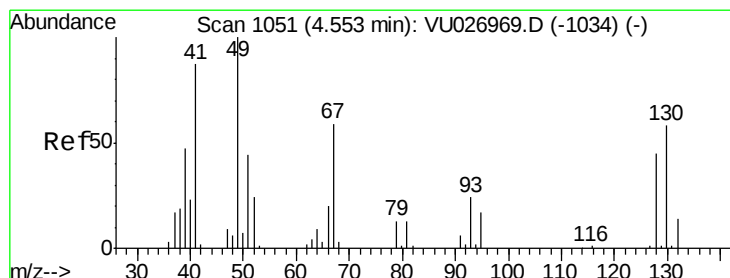
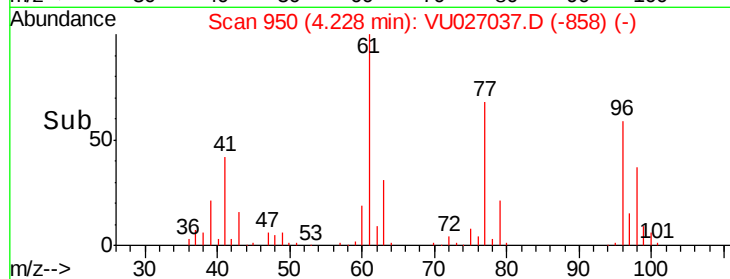
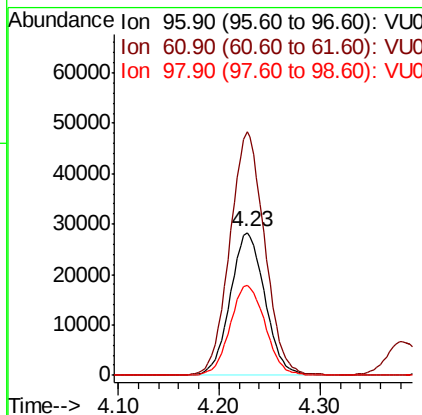
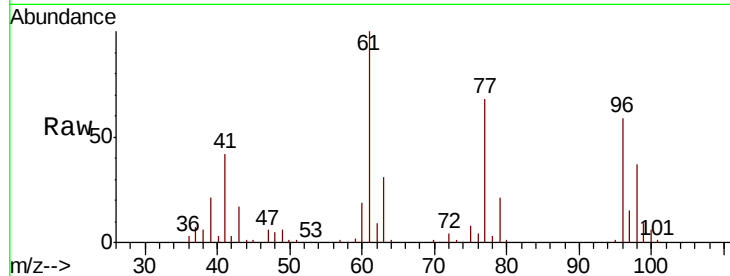
cis-1,2-Dichloroethene
Concen: 52.104 ug/l
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	67535		
61	171.5	0.0	337.2	
98	63.9	0.0	127.6	

Manual Integrations
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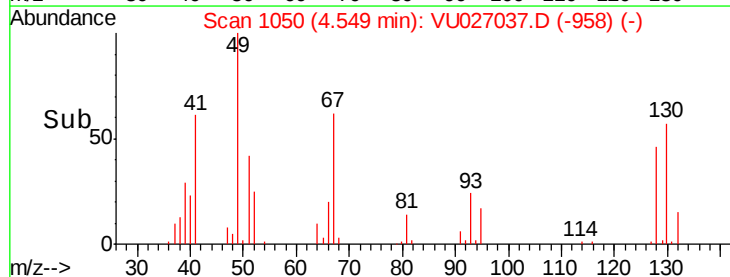
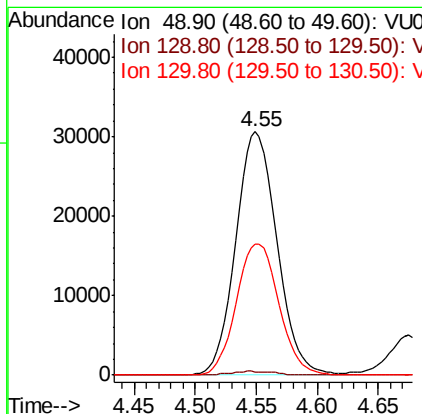
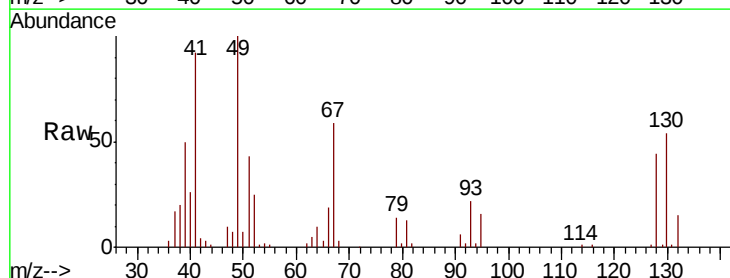
MMDadoda
9/24/2018 2:14:23 PM

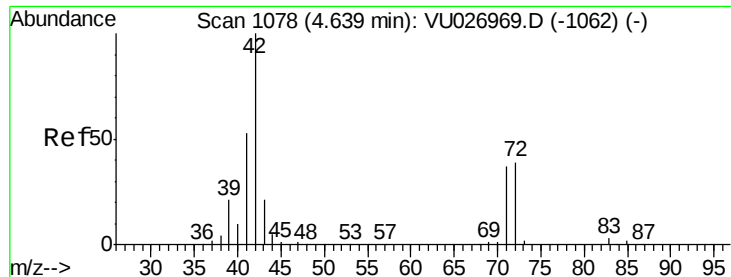


#28

Bromochloromethane
Concen: 57.917 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	71708		
129	1.6	0.0	3.0	
130	55.5	47.8	71.8	





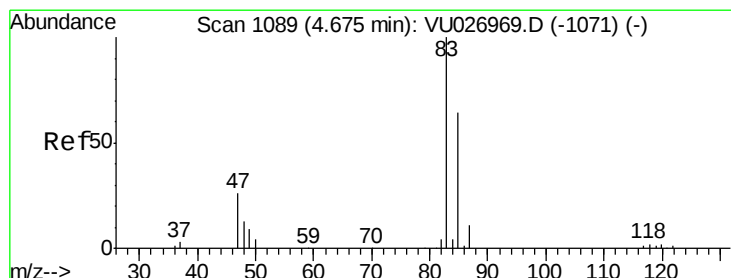
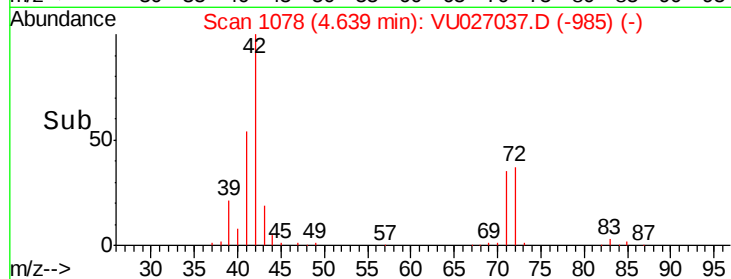
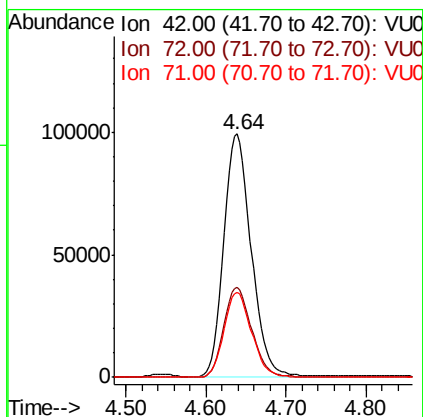
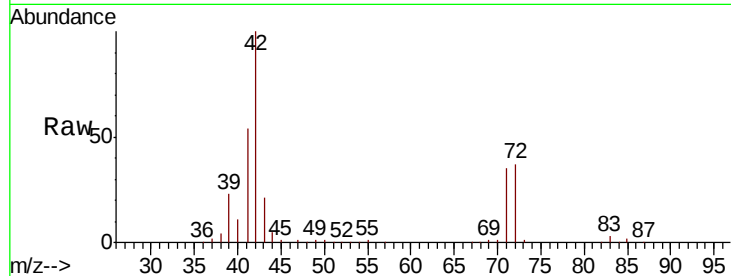
#29
Tetrahydrofuran
Concen: 292.639 ug/l
RT: 4.64 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914MS

Tot Ion:	42	Resp:	233050
Ion	Ratio	Lower	Upper
42	100		
72	37.7	31.7	47.5
71	35.3	29.6	44.4

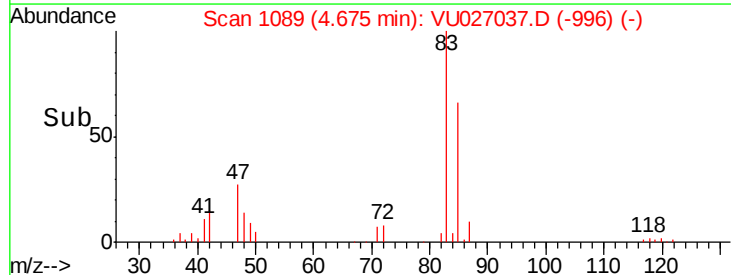
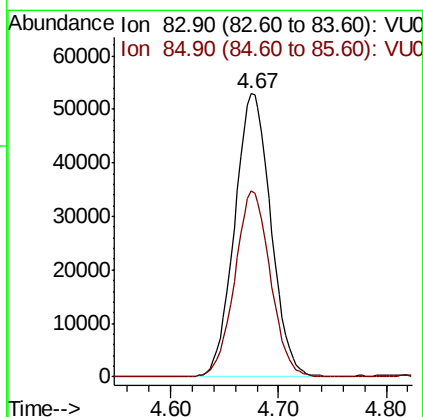
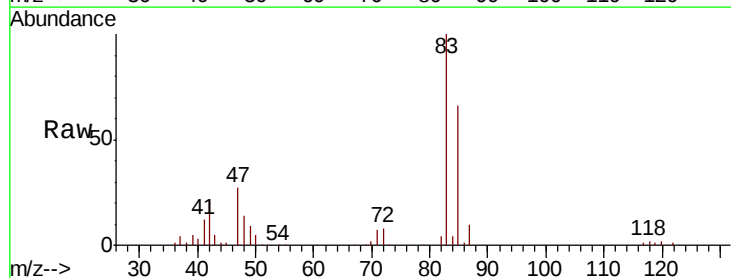
Manual Integrations
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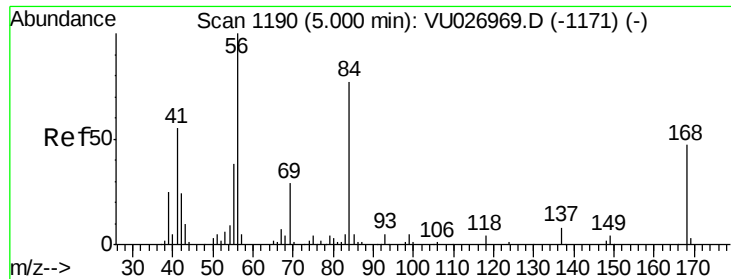
MMDadoda
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#30
Chloroform
Concen: 51.923 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

Tgt Ion:	83	Resp:	123793
Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.5	77.3





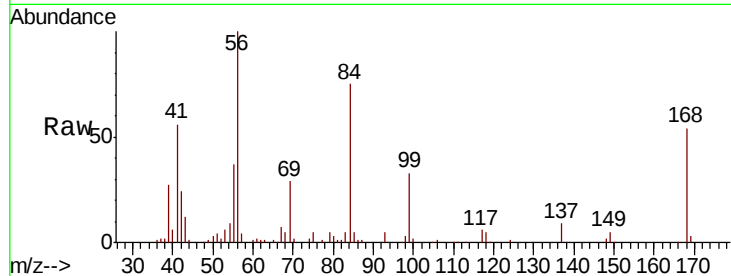
#31
Cyclohexane
Concen: 49.826 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914MS

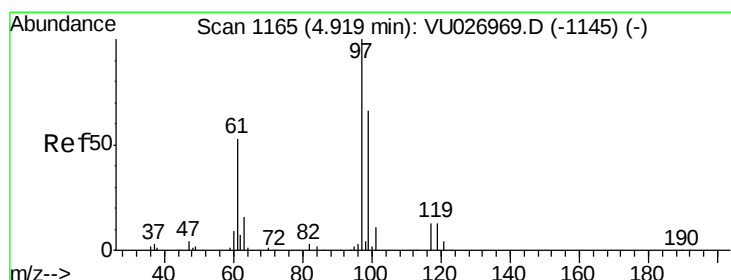
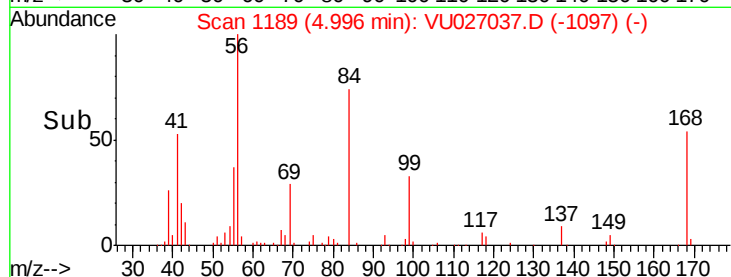
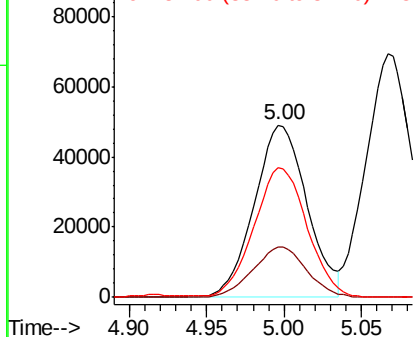
Tot Ion	Ratio	Lower	Upper
56	100		
69	29.2	23.0	34.4
84	74.4	61.4	92.2

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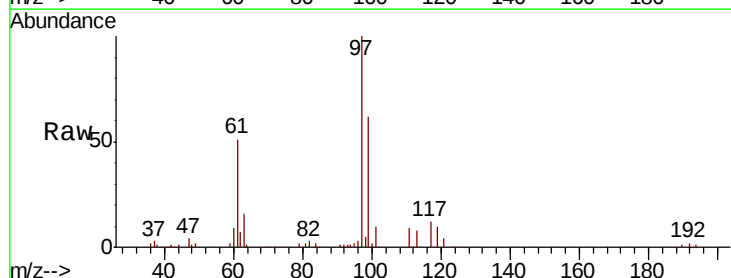


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

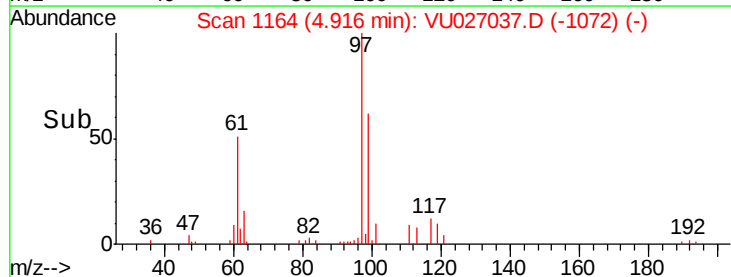
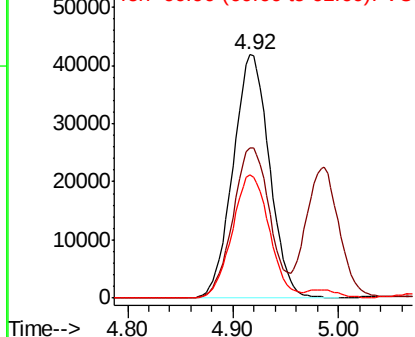


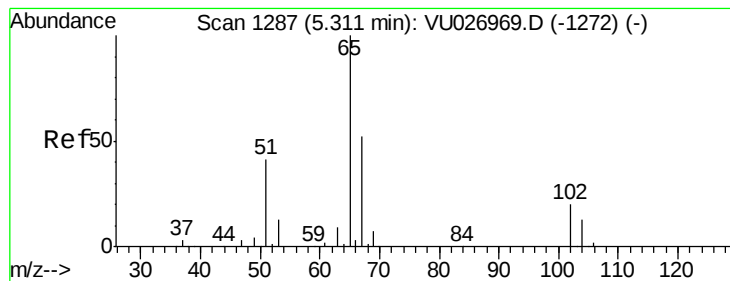
#32
1,1,1-Trichloroethane
Concen: 52.654 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.8	77.6
61	51.7	41.1	61.7



Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 98.90 (98.60 to 99.60): VU0
Ion 60.90 (60.60 to 61.60): VU0





#33

1,2-Dichloroethane-d4

Concen: 54.882 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MS

Tot Ion: 65 Resp: 85972

Ion Ratio Lower Upper

65 100

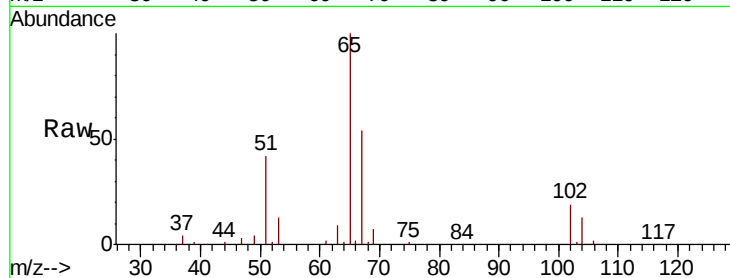
67 52.8 0.0 105.6

Manual Integrations

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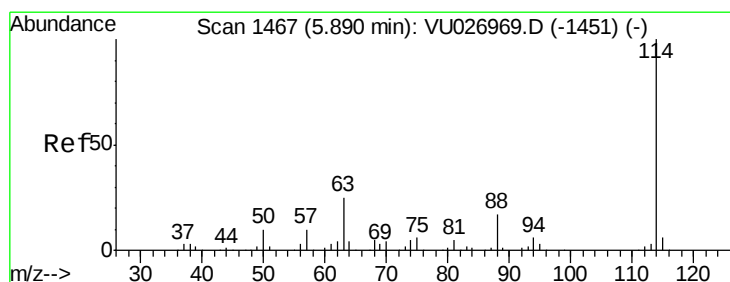
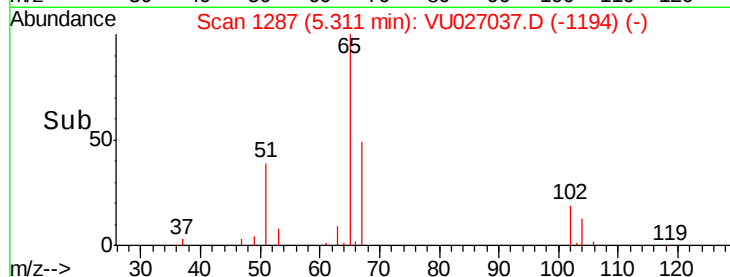
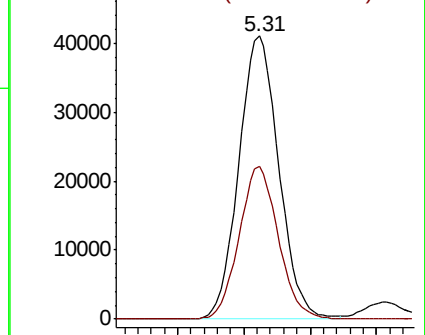
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Abundance Ion 64.90 (64.60 to 65.60): VU026969.D (-1272) (-)

Ion 66.90 (66.60 to 67.60): VU026969.D (-1272) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1466

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

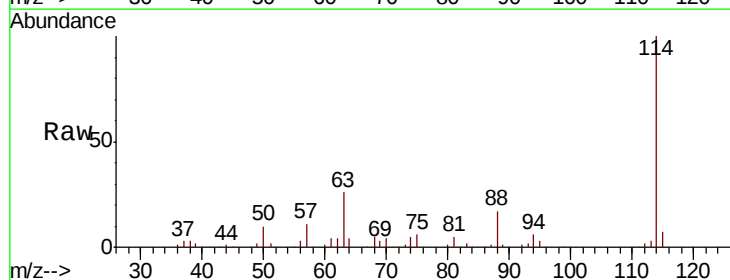
Tgt Ion: 114 Resp: 135924

Ion Ratio Lower Upper

114 100

63 26.1 0.0 49.2

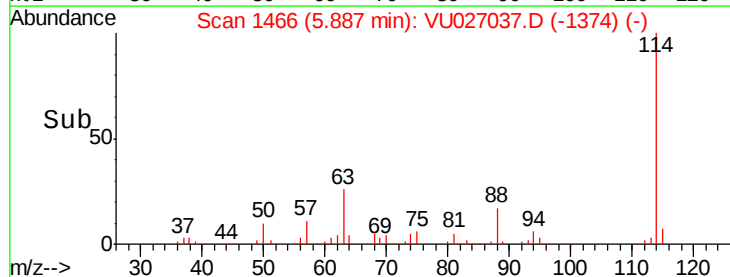
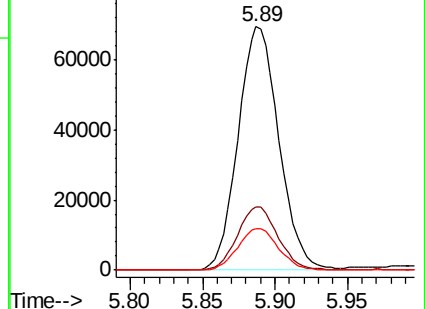
88 17.1 0.0 33.8

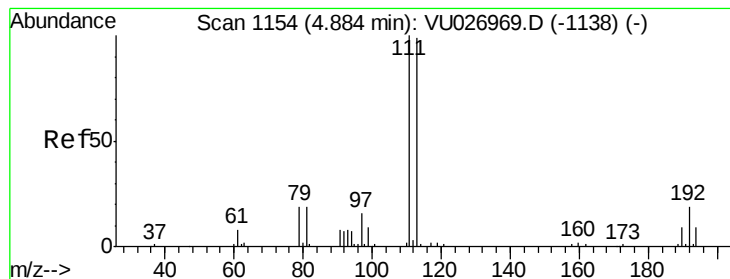


Abundance Ion 113.90 (113.60 to 114.60): VU026969.D (-1451) (-)

Ion 63.00 (62.70 to 63.70): VU026969.D (-1451) (-)

Ion 87.90 (87.60 to 88.60): VU026969.D (-1451) (-)





#35

Dibromofluoromethane

Concen: 50.886 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Instrument :

MSVOA_U

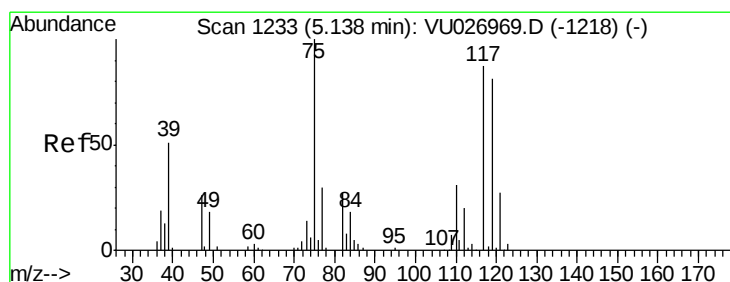
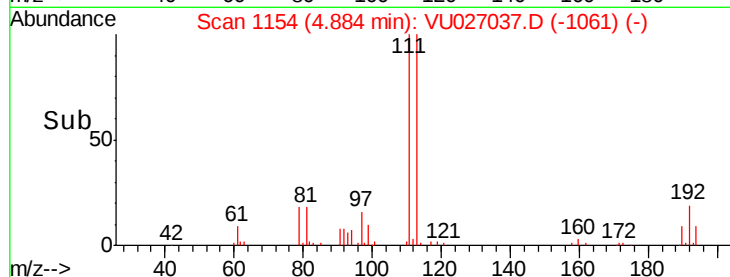
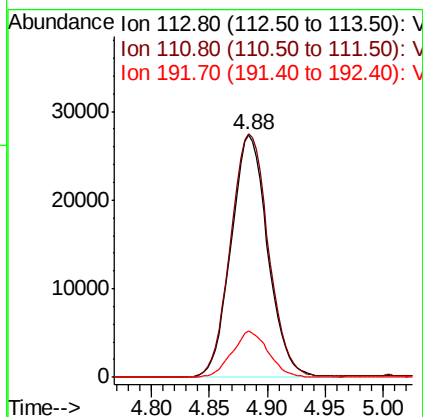
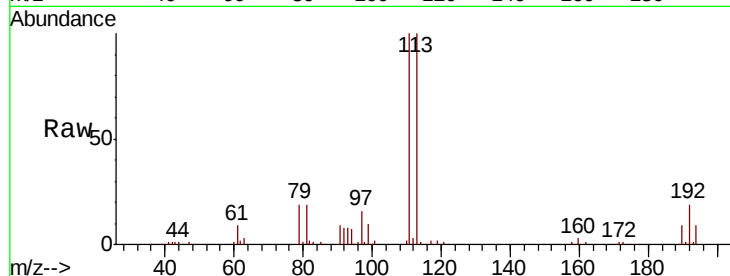
ClientSampleId :

BPSI-TT-MW308D-20180914MS

Tot Ion:	113	Resp:	59954
Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.2	123.4
192	18.7	15.2	22.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 50.042 ug/l

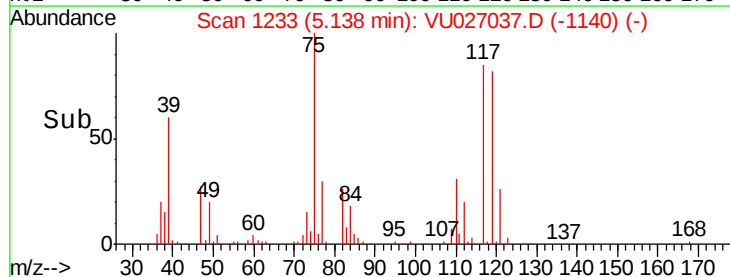
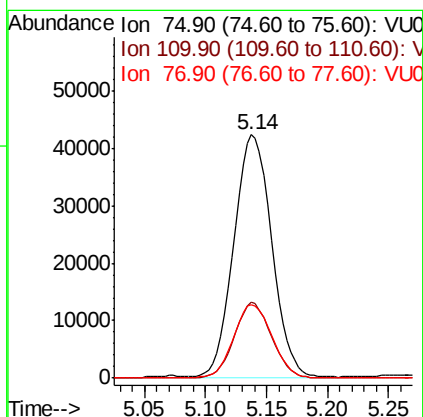
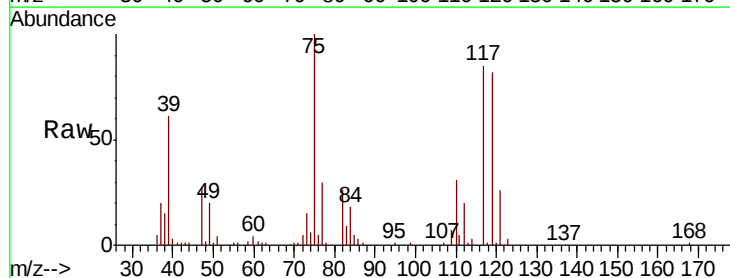
RT: 5.14 min Scan# 1233

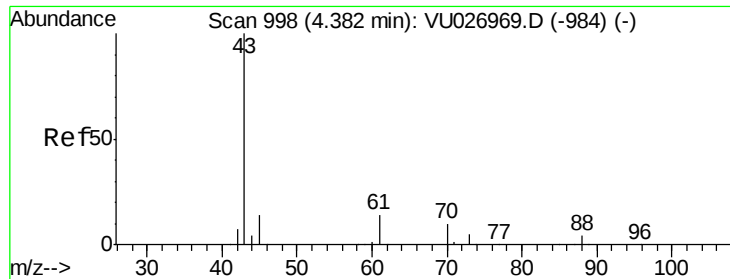
Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Tgt Ion:	75	Resp:	90779
Ion	Ratio	Lower	Upper
75	100		
110	30.6	16.1	48.2
77	30.8	24.6	36.8





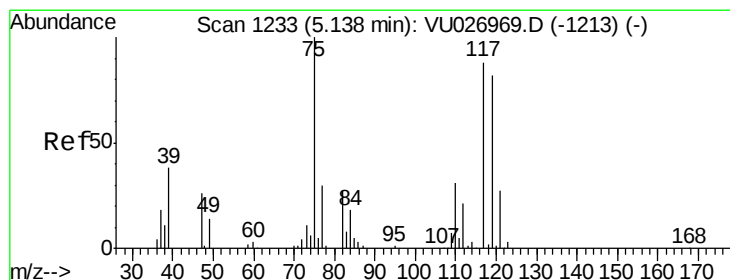
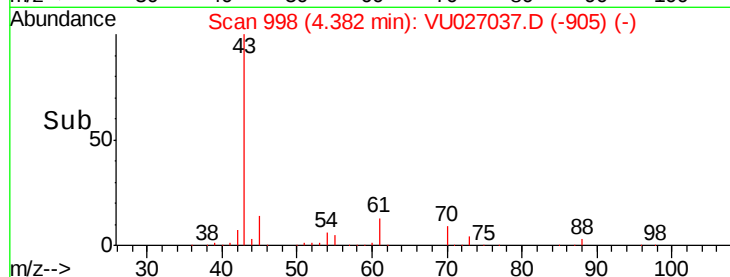
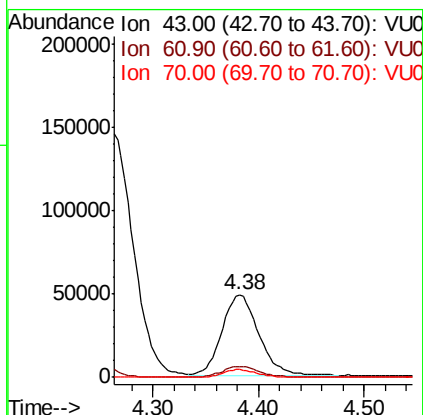
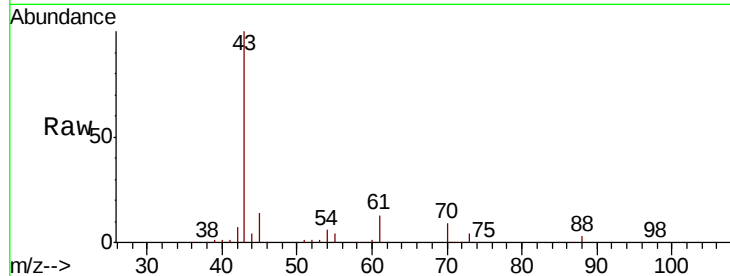
#37
Ethyl Acetate
Concen: 47.830 ug/l
RT: 4.38 min Scan# 998
Delta R.T. -0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.5	15.7
70	8.9	7.4	11.0

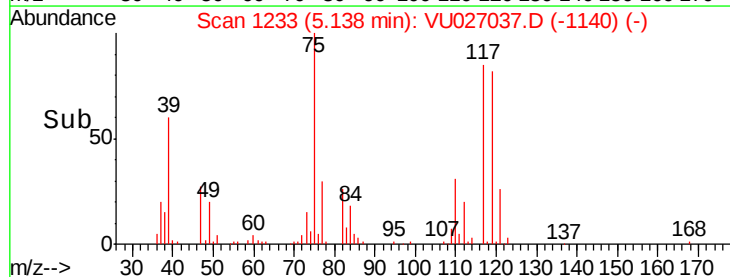
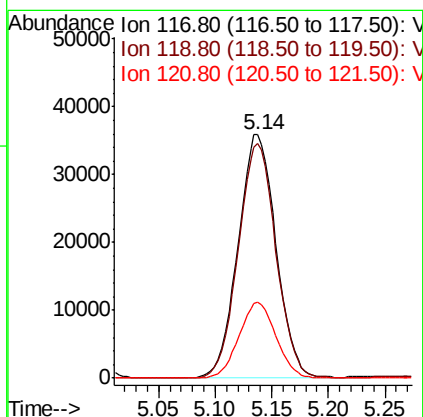
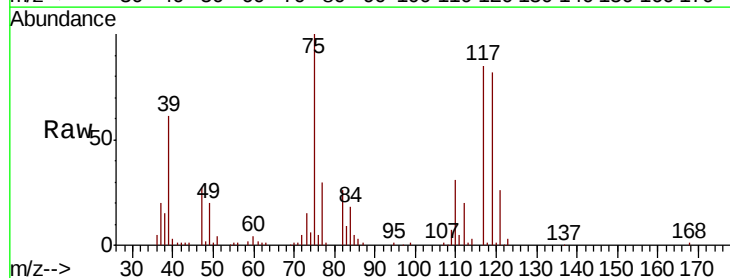
Manual Integrations
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#38
Carbon Tetrachloride
Concen: 48.457 ug/l
RT: 5.14 min Scan# 1233
Delta R.T. -0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	74.4	111.6
121	31.2	24.2	36.4





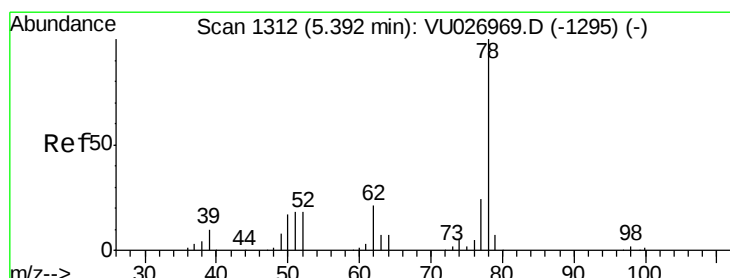
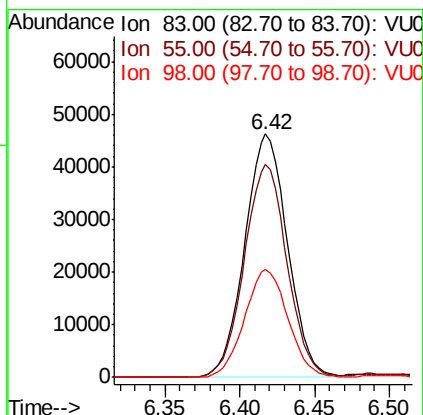
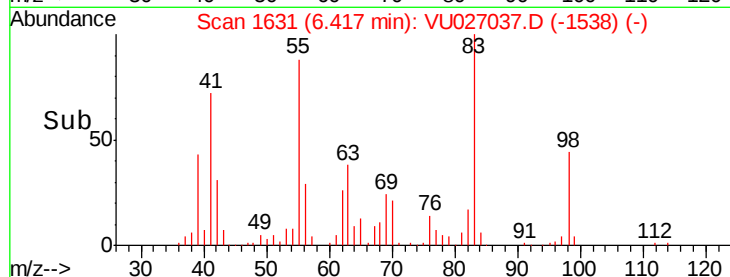
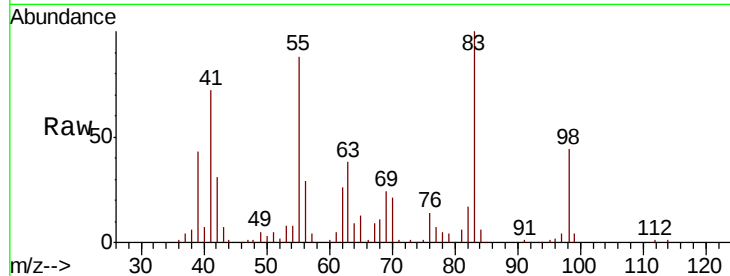
#39
Methvlcvclohexane
Concen: 46.661 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914MS

Tot Ion	83.00	Resp	91986
Ion	Ratio	Lower	Upper
83	100		
55	87.7	69.9	104.9
98	44.5	37.5	56.3

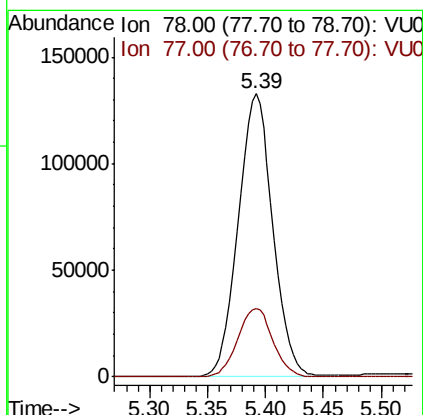
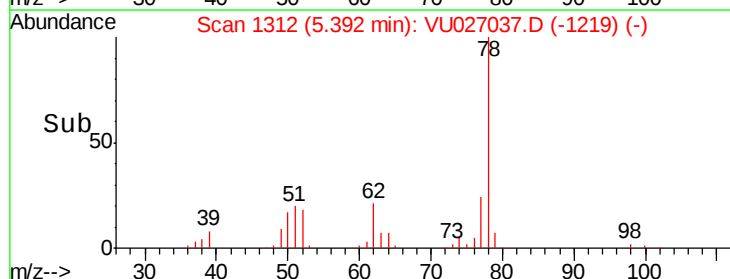
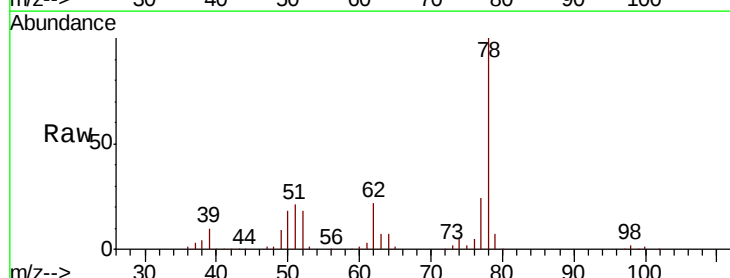
Manual Integrations
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#40
Benzene
Concen: 49.888 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. -0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

Tgt Ion	78.00	Resp	275118
Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.4	29.0





#41

Methacrylonitrile

Concen: 56.606 ug/l

RT: 4.54 min Scan# 1048

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MS

Tot Ion: 41 Resp: 72195

Ion Ratio Lower Upper

41 100

39 53.4 42.9 64.3

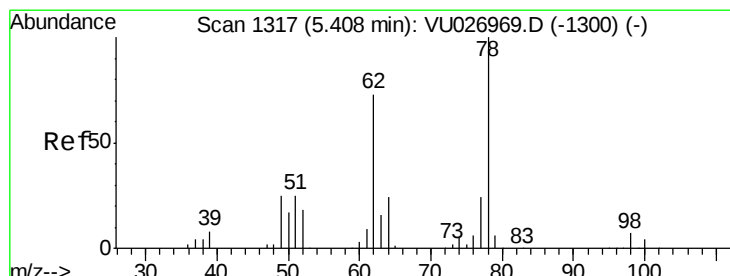
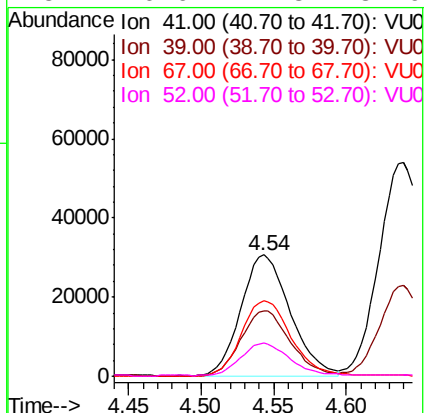
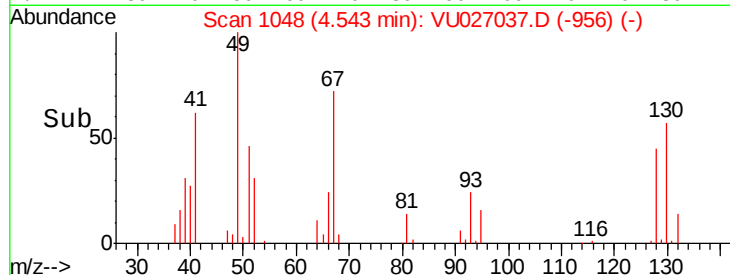
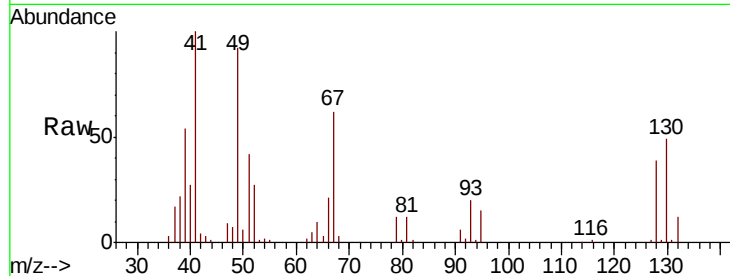
67 63.4 52.4 78.6

52 26.6 21.3 31.9

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 51.307 ug/l

RT: 5.40 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VU027037.D

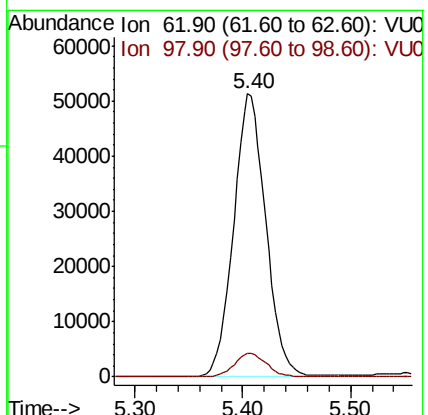
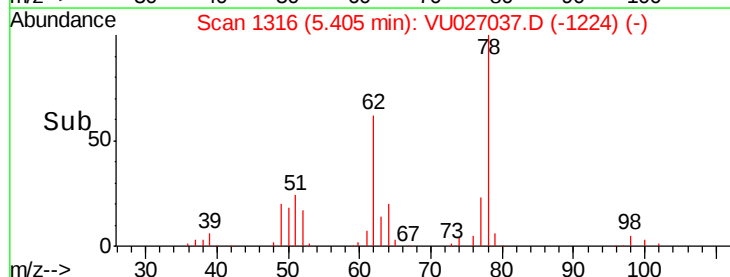
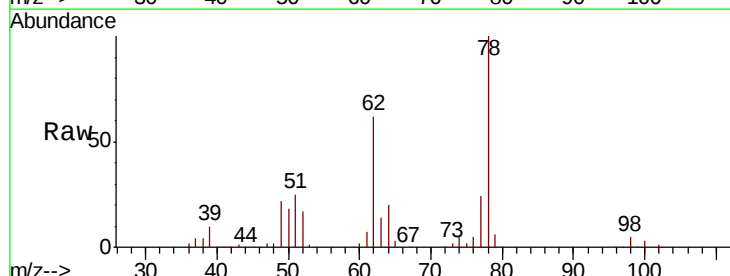
Acq: 22 Sep 2018 23:33

Tgt Ion: 62 Resp: 106900

Ion Ratio Lower Upper

62 100

98 8.2 0.0 17.0





#43

Isopropyl Acetate

Concen: 52.141 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Instrument :

MSVOA_U

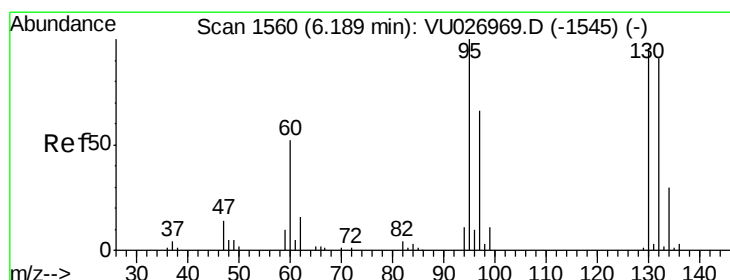
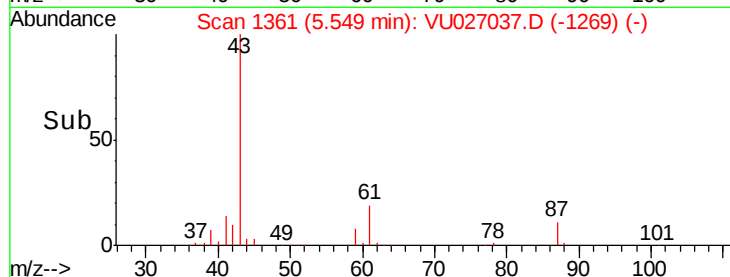
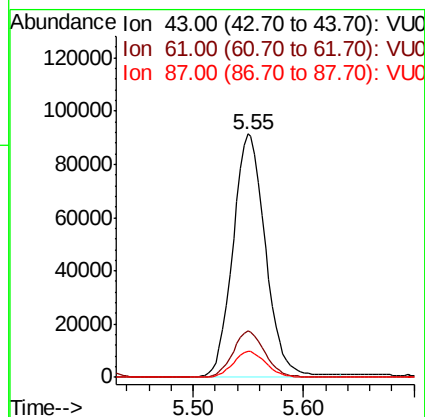
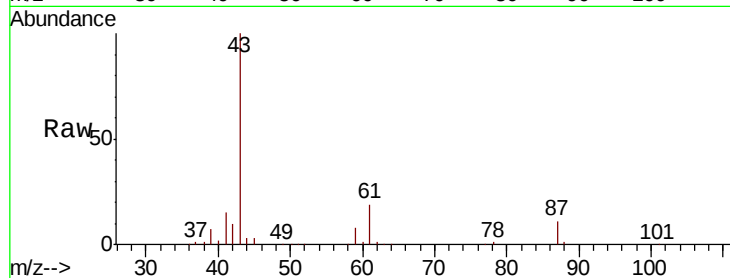
ClientSampleId :

BPSI-TT-MW308D-20180914MS

Tot Ion:	43	Resp:	186740
Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.7	23.5
87	10.8	9.0	13.4

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#44

Trichloroethene

Concen: 49.454 ug/l

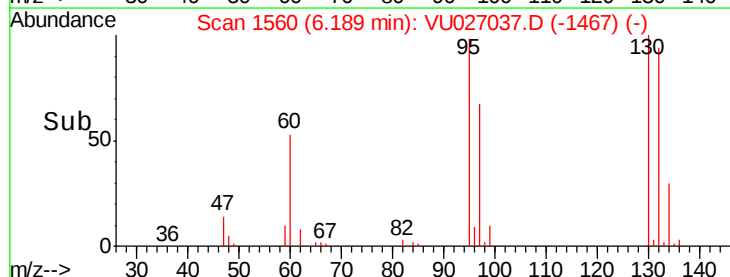
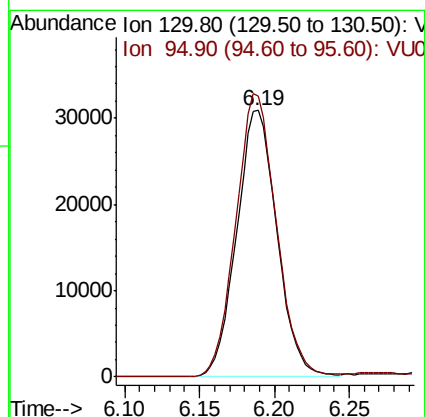
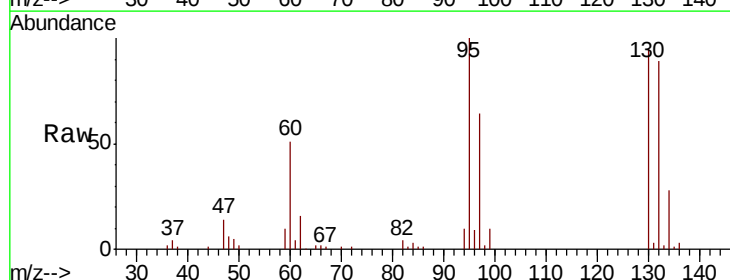
RT: 6.19 min Scan# 1560

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Tgt Ion:	130	Resp:	58060
Ion	Ratio	Lower	Upper
130	100		
95	105.5	0.0	208.8





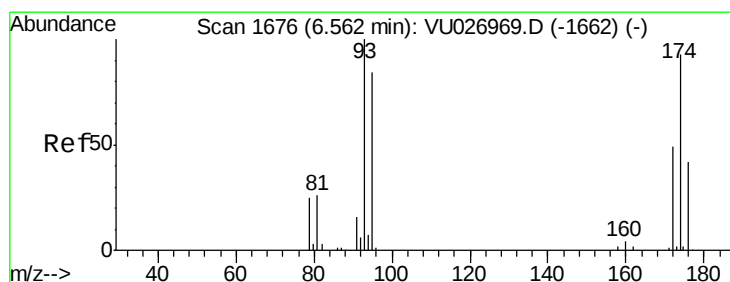
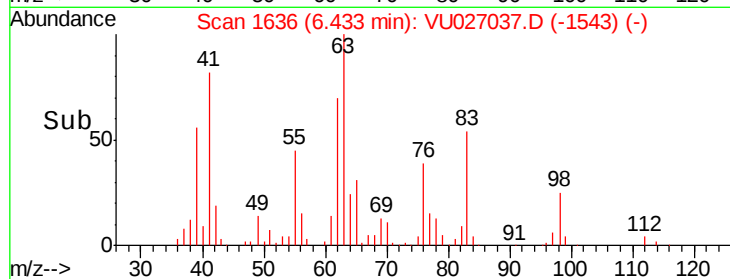
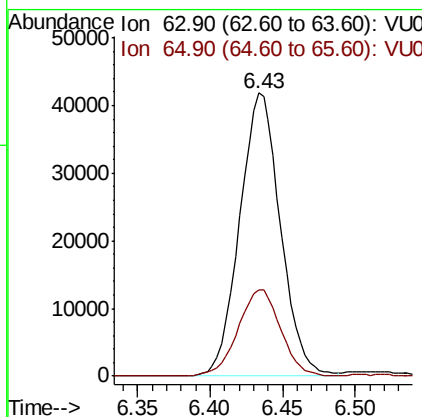
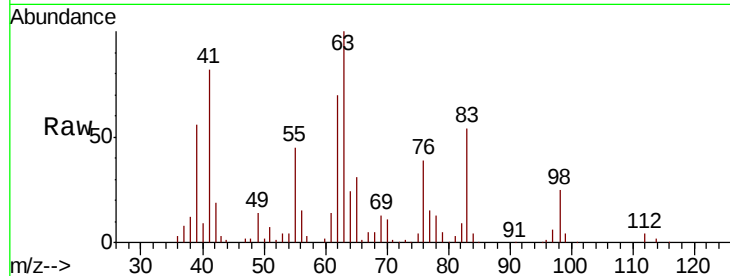
#45
 1,2-Dichloropropane
 Concen: 52.059 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MS

Tot Ion: 63 Resp: 81802
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.3 36.5

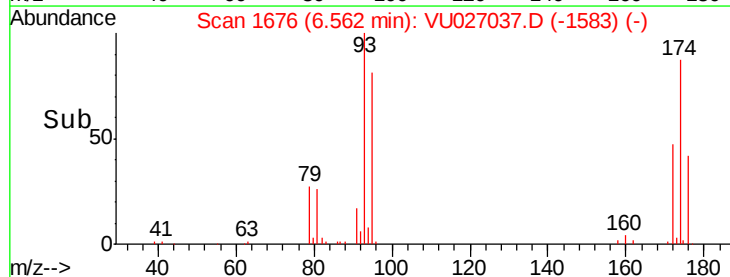
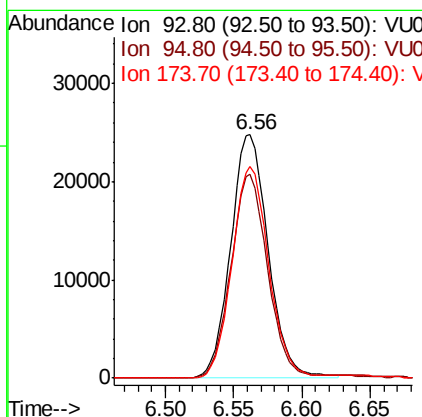
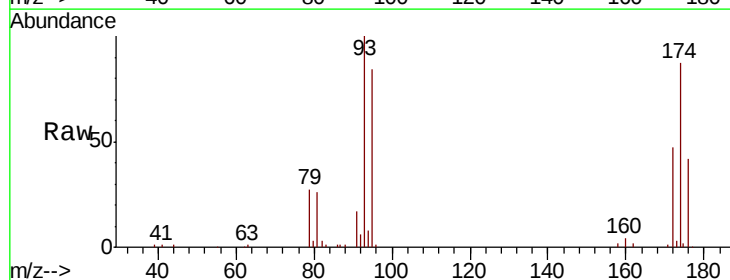
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#46
 Dibromomethane
 Concen: 49.936 ug/l
 RT: 6.56 min Scan# 1676
 Delta R.T. -0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

Tgt Ion: 93 Resp: 47389
 Ion Ratio Lower Upper
 93 100
 95 82.1 66.2 99.4
 174 85.2 71.7 107.5





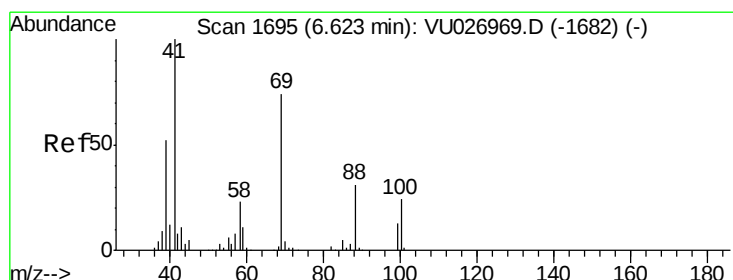
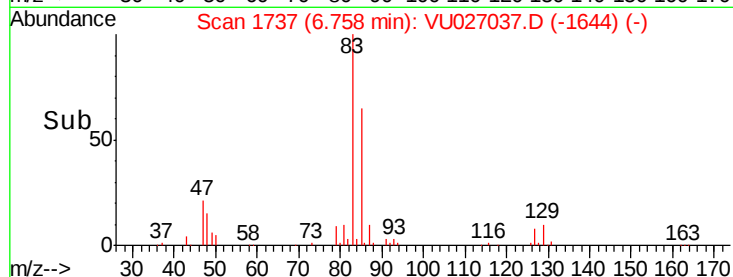
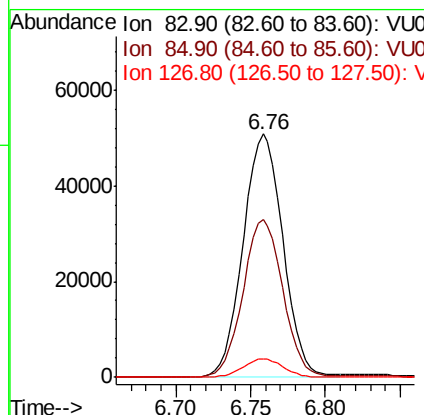
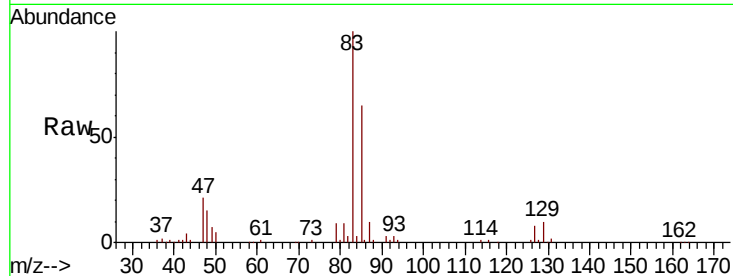
#47
 Bromodichloromethane
 Concen: 49.196 ug/l
 RT: 6.76 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MS

Tot Ion	83	Resp	94403
Ion Ratio	100	Lower	Upper
83	100		
85	64.6	52.5	78.7
127	7.8	6.3	9.5

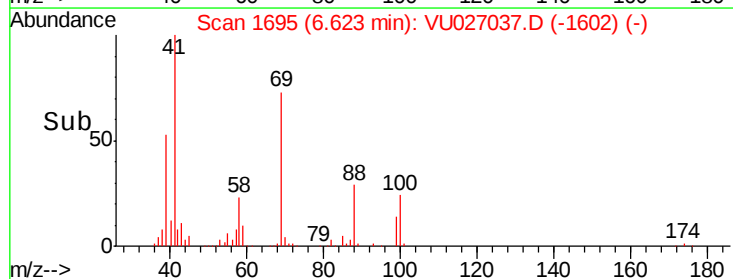
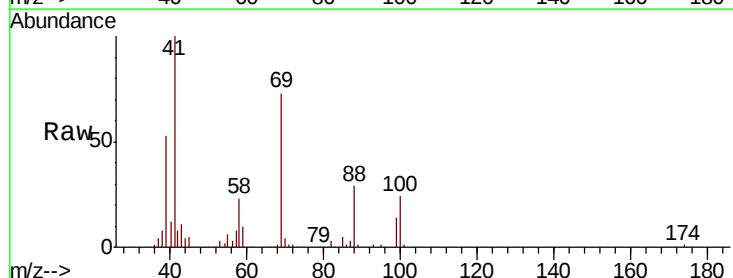
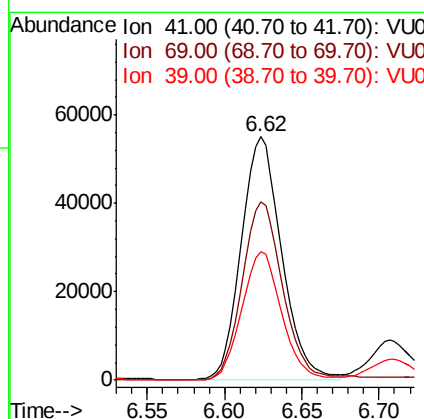
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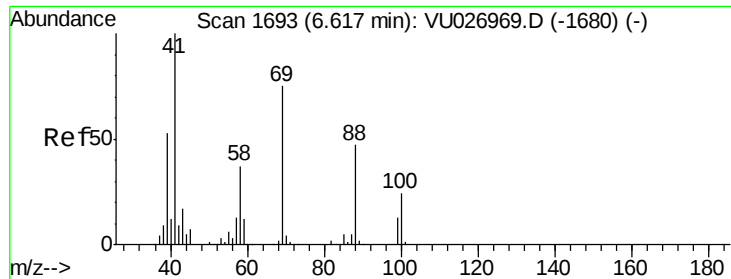
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#48
 Methyl methacrylate
 Concen: 51.489 ug/l
 RT: 6.62 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

Tgt Ion	41	Resp	100427
Ion Ratio	100	Lower	Upper
41	100		
69	74.1	60.6	90.8
39	52.1	42.8	64.2





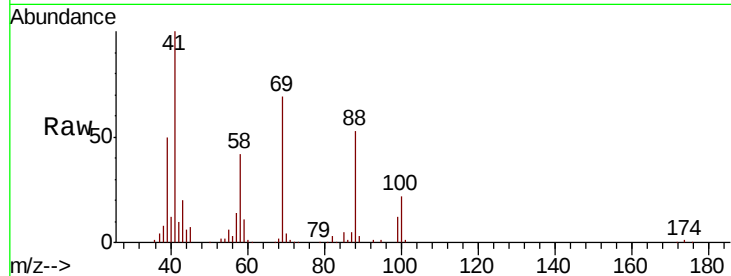
#49
1,4-Dioxane
Concen: 1072.498 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914MS

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	37.9	29.8	44.8	
58	80.7	63.9	95.9	

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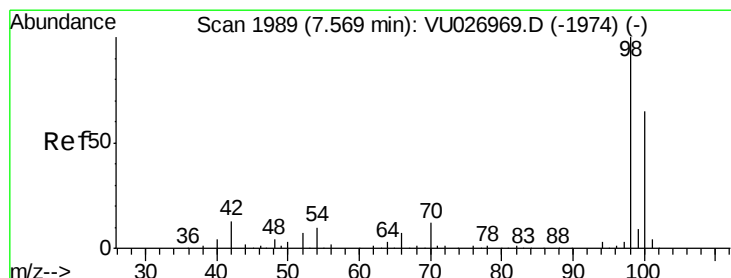
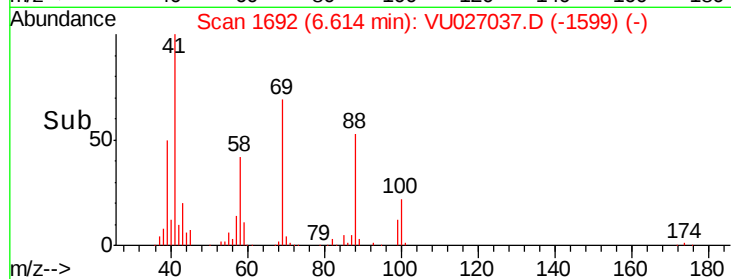
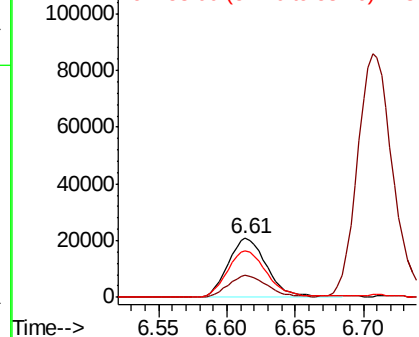


Abundance

Ion 88.00 (87.70 to 88.70): VU026969.D (-1680) (-)

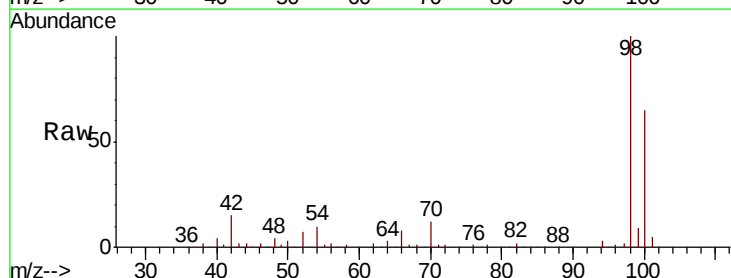
Ion 43.00 (42.70 to 43.70): VU026969.D (-1680) (-)

Ion 58.00 (57.70 to 58.70): VU026969.D (-1680) (-)



#50
Toluene-d8
Concen: 51.694 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

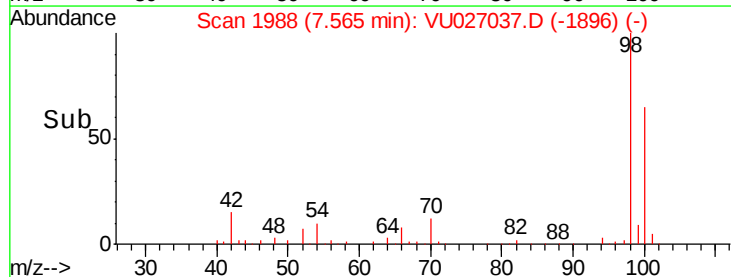
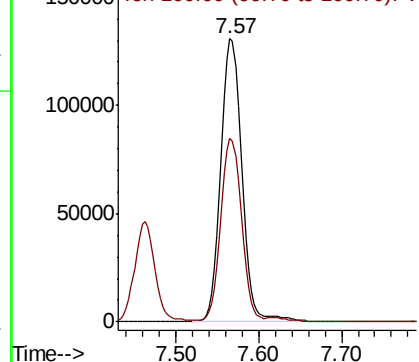
Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	61.8	52.1	78.1	

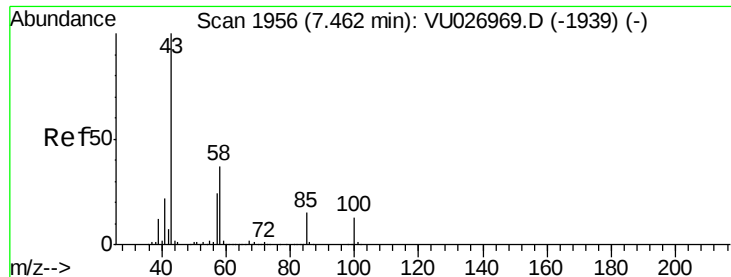


Abundance

Ion 98.00 (97.70 to 98.70): VU026969.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU026969.D (-1974) (-)





#51

4-Methyl-2-Pentanone

Concen: 282.789 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MS

Tot Ion: 43 Resp: 681160

Ion Ratio Lower Upper

43 100

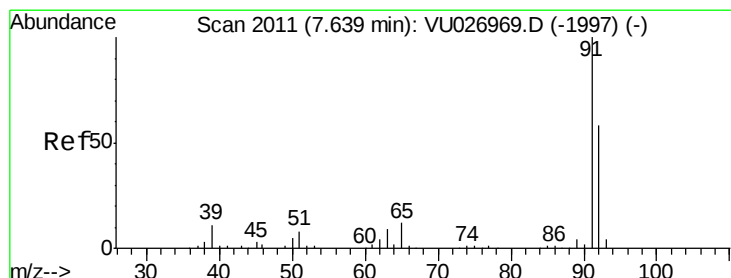
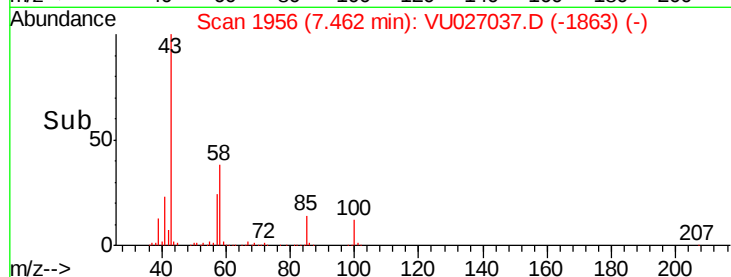
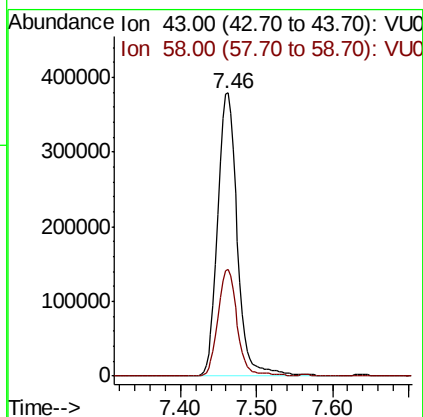
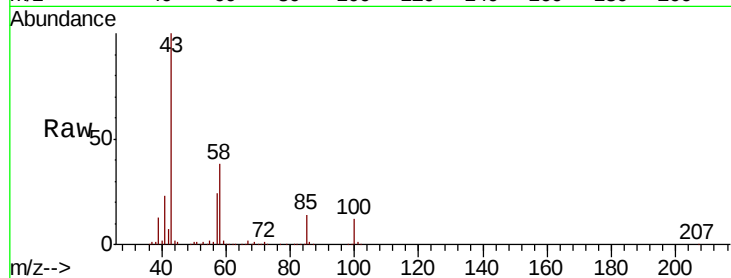
58 36.9 29.8 44.6

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#52

Toluene

Concen: 52.443 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. -0.00 min

Lab File: VU027037.D

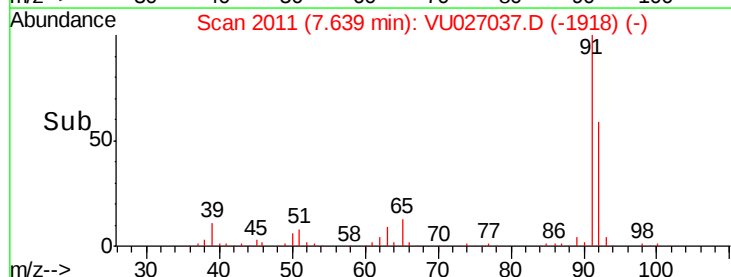
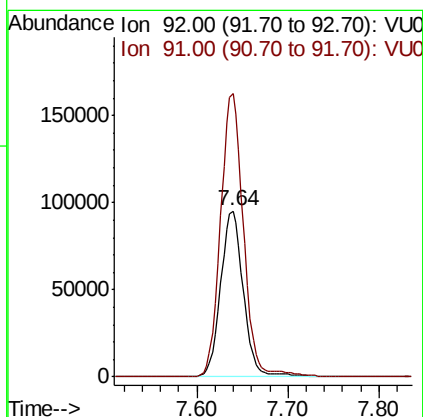
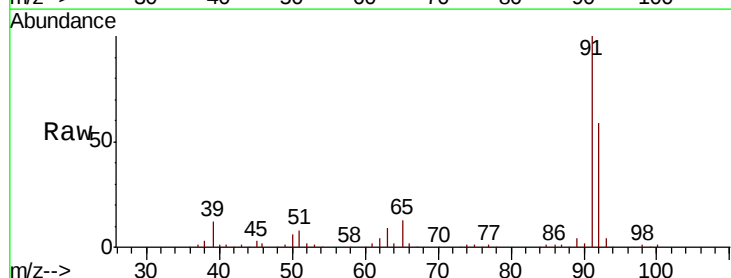
Acq: 22 Sep 2018 23:33

Tgt Ion: 92 Resp: 165774

Ion Ratio Lower Upper

92 100

91 172.3 136.4 204.6





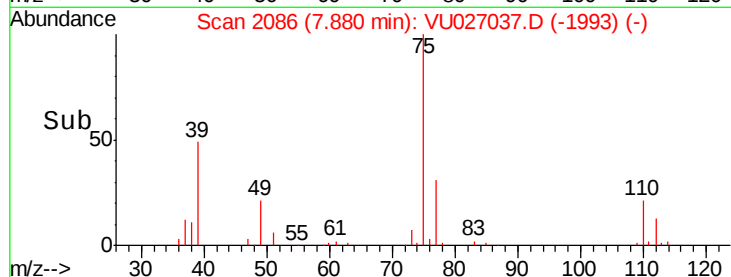
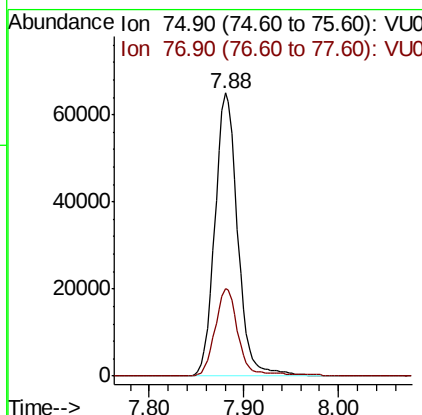
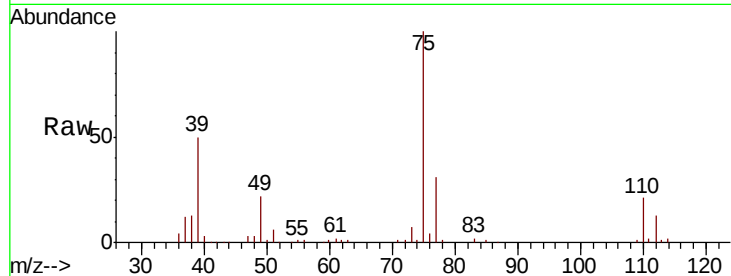
#53
t-1,3-Dichloropropene
Concen: 52.782 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. -0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.3	37.9

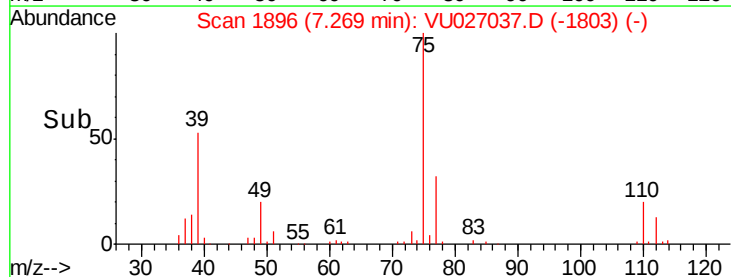
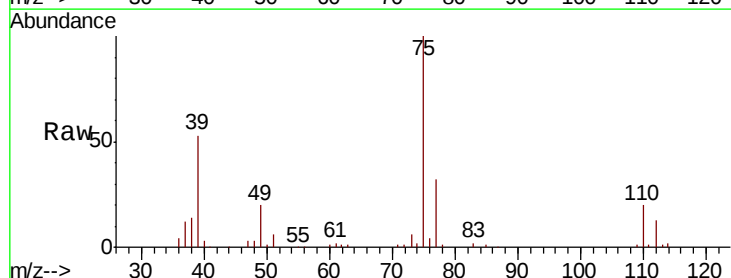
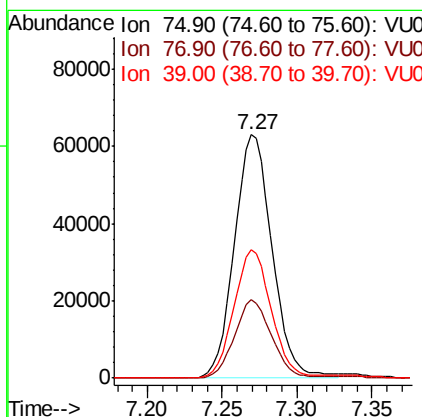
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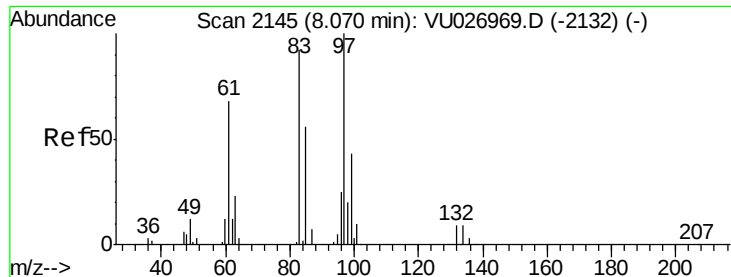
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#54
cis-1,3-Dichloropropene
Concen: 48.839 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. -0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.4	38.0
39	52.7	41.6	62.4





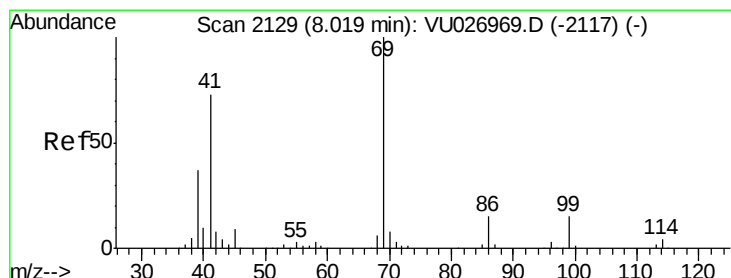
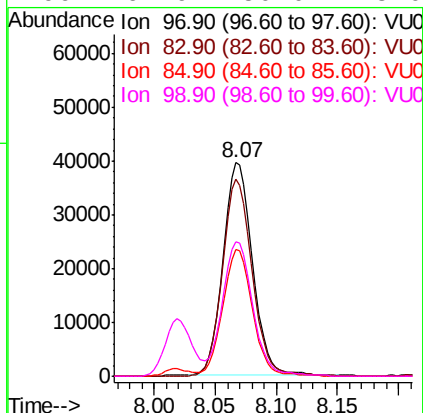
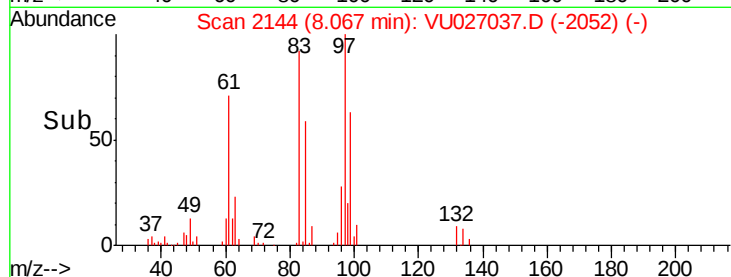
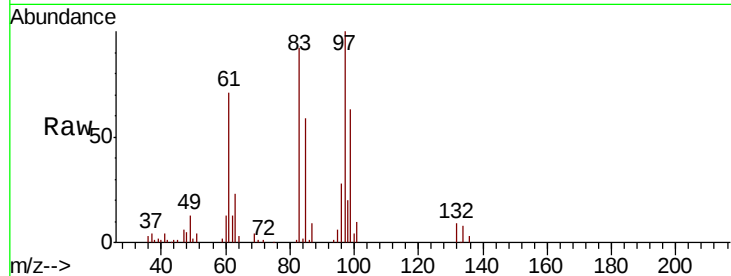
#55
 1,1,2-Trichloroethane
 Concen: 50.137 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MS

Tot Ion:	97	Resp:	67154
Ion	Ratio	Lower	Upper
97	100		
83	92.3	73.1	109.7
85	59.5	46.7	70.1
99	62.9	50.0	75.0

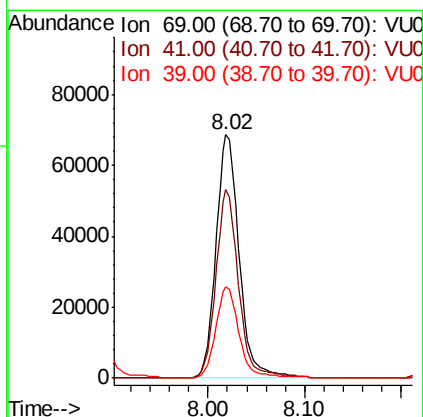
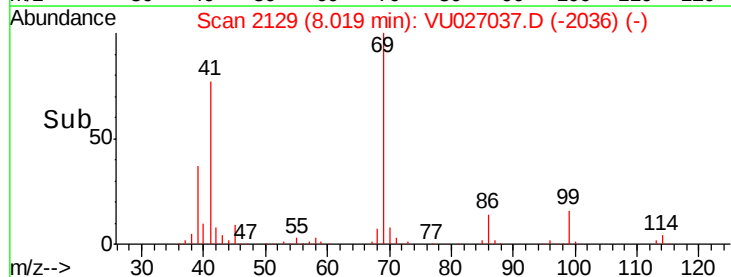
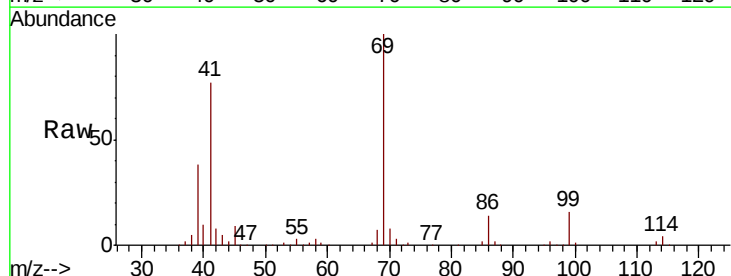
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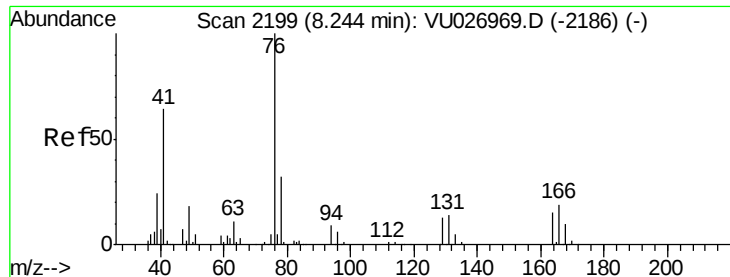
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#56
 Ethyl methacrylate
 Concen: 49.233 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

Tgt Ion:	69	Resp:	114336
Ion	Ratio	Lower	Upper
69	100		
41	75.9	59.0	88.4
39	37.2	30.2	45.4





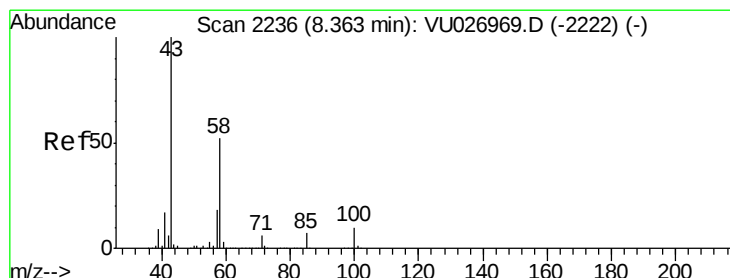
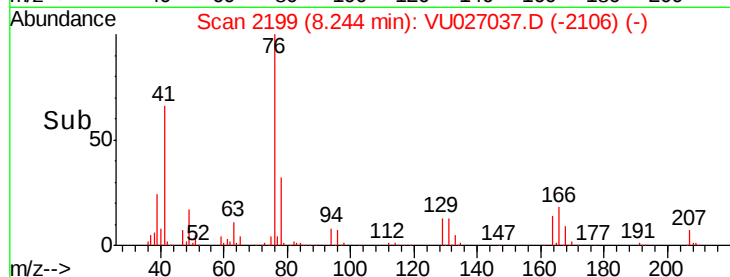
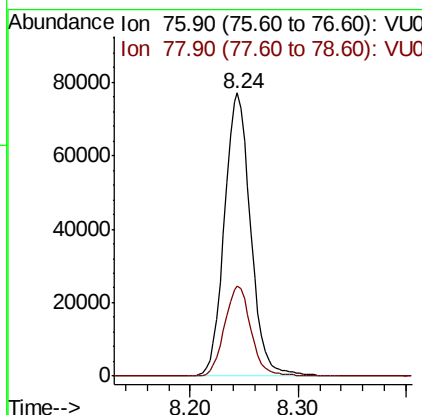
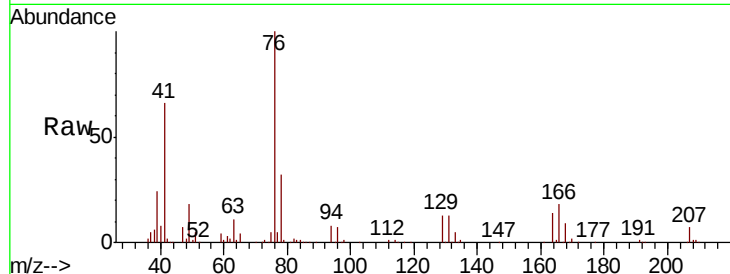
#57
 1,3-Dichloropropane
 Concen: 52.353 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.5	38.3

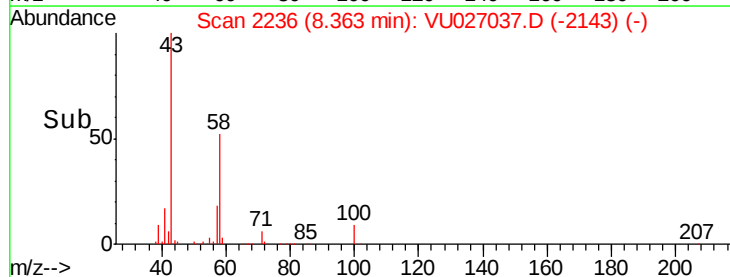
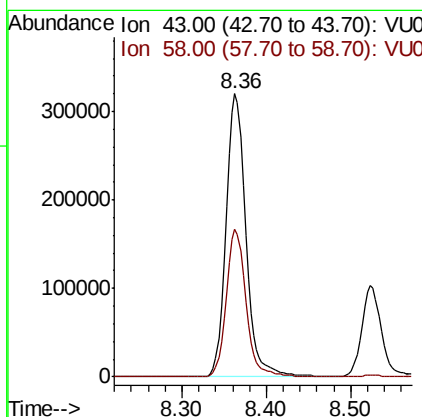
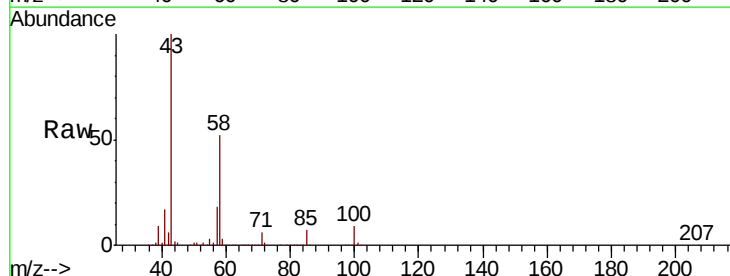
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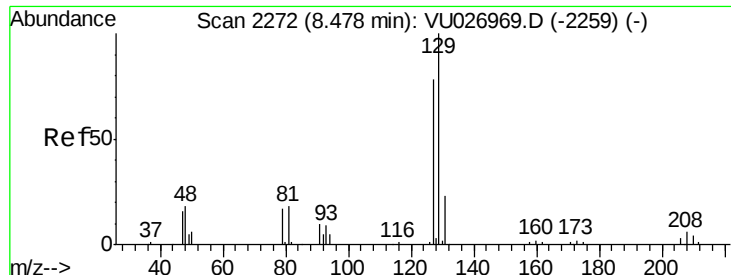
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#59
 2-Hexanone
 Concen: 277.641 ug/l
 RT: 8.36 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

Tgt Ion	Ratio	Lower	Upper
43	100		
58	51.8	26.1	78.2





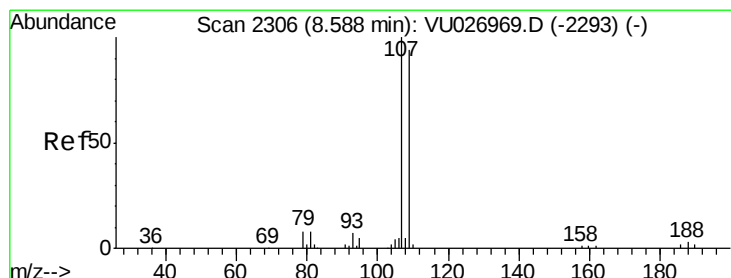
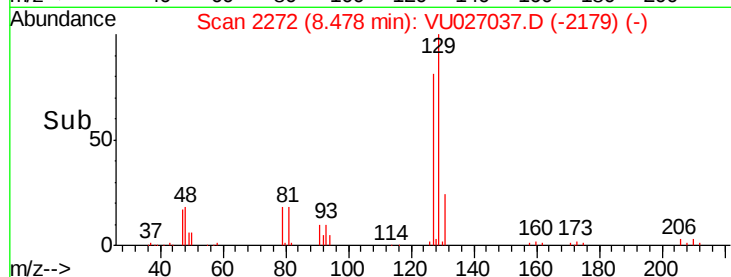
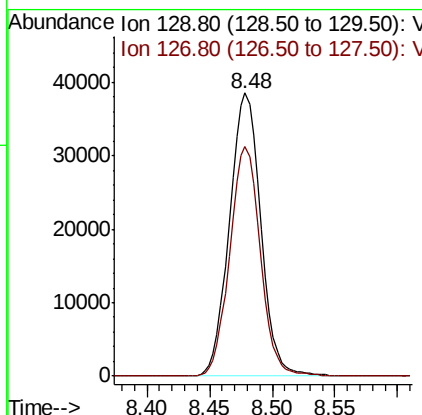
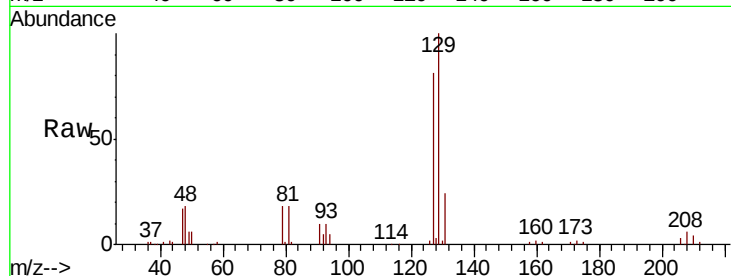
#60
 Dibromochloromethane
 Concen: 50.967 ug/l
 RT: 8.48 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
129	100		66961		
127	79.1	38.1	114.5		

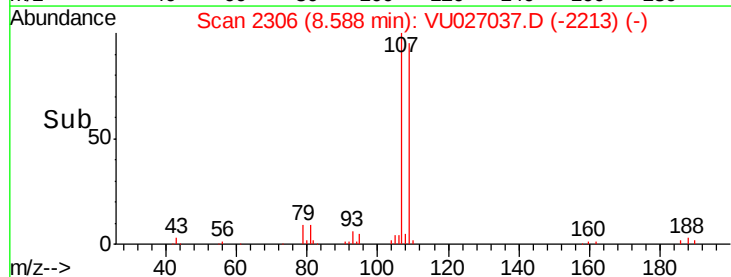
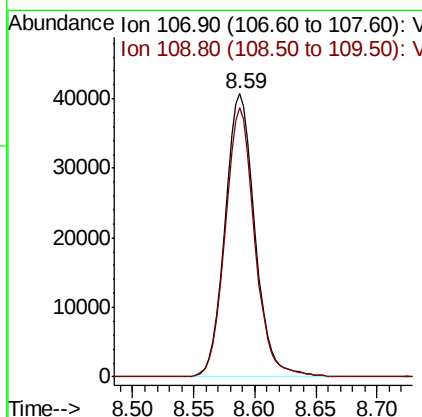
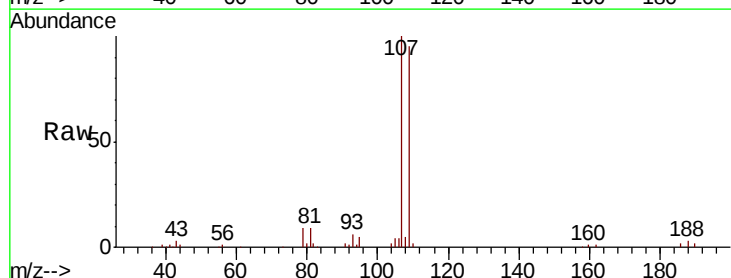
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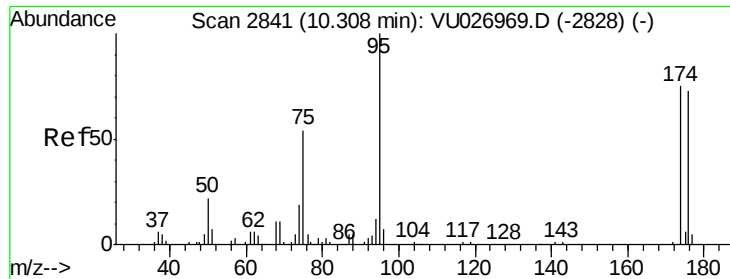
MMDadoda
 9/24/2018 2:14:23 PM



#61
 1,2-Dibromoethane
 Concen: 50.259 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		70042		
109	94.1	75.0	112.6		





#62

4-Bromofluorobenzene

Concen: 53.527 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Instrument :

MSVOA_U

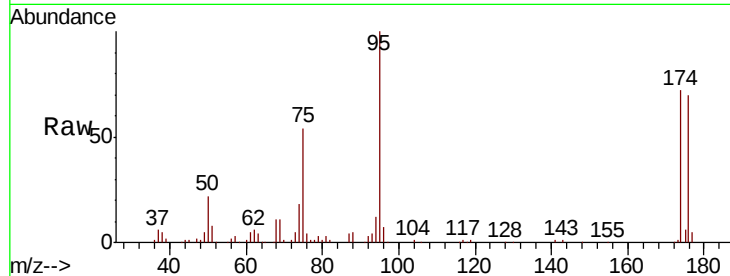
ClientSampleId :

BPSI-TT-MW308D-20180914MS

Tot Ion:	95	Resp:	82469
Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	150.2
176	70.7	0.0	145.2

Manual Integrations
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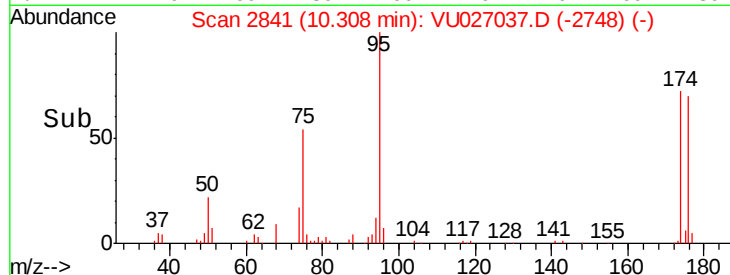


Abundance Ion 94.90 (94.60 to 95.60): VU026969.D (-2828) (-)

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

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

Time-->

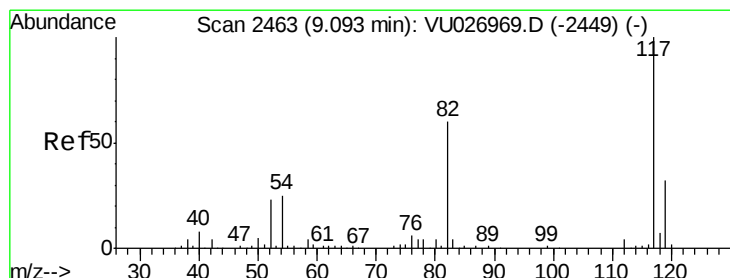


Abundance Ion 94.90 (94.60 to 95.60): VU027037.D (-2748) (-)

Ion 173.80 (173.50 to 174.50): VU027037.D (-2748) (-)

Ion 175.80 (175.50 to 176.50): VU027037.D (-2748) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

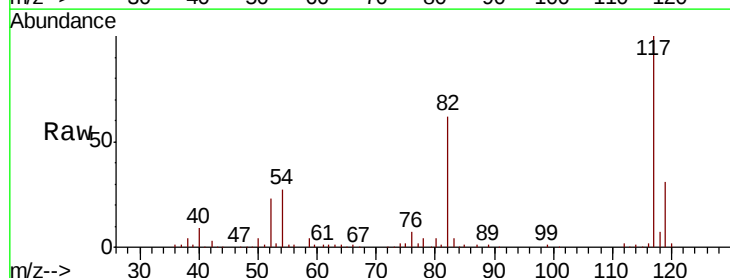
RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Tgt Ion:	117	Resp:	134666
Ion	Ratio	Lower	Upper
117	100		
82	62.0	48.0	72.0
119	31.3	25.8	38.8

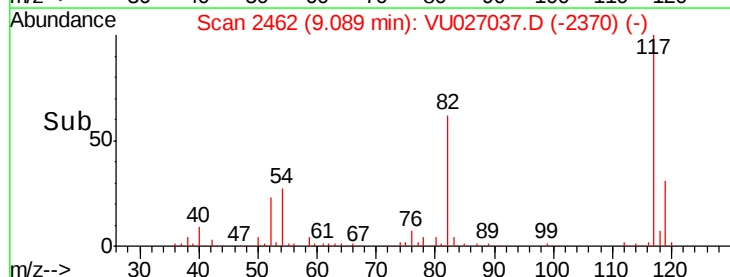


Abundance Ion 116.90 (116.60 to 117.60): VU026969.D (-2449) (-)

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

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

Time-->

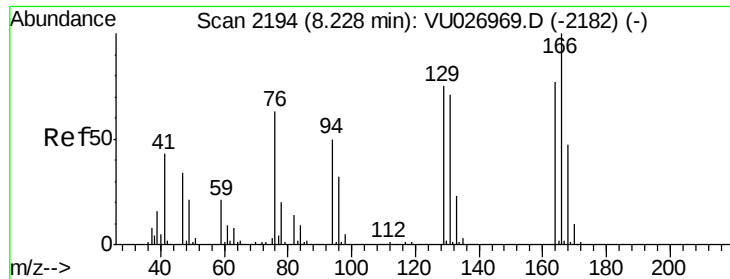


Abundance Ion 116.90 (116.60 to 117.60): VU027037.D (-2370) (-)

Ion 82.00 (81.70 to 82.70): VU027037.D (-2370) (-)

Ion 118.90 (118.60 to 119.60): VU027037.D (-2370) (-)

Time-->



#64

Tetrachloroethene

Concen: 45.010 ug/l

RT: 8.23 min Scan# 2194

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MS

Tot Ion:164 Resp: 46707

Ion Ratio Lower Upper

164 100

166 127.7 104.4 156.6

129 97.1 78.7 118.1

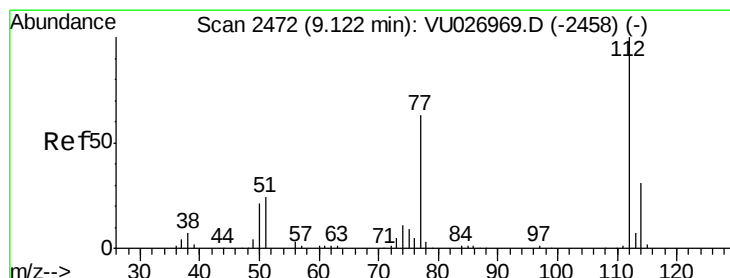
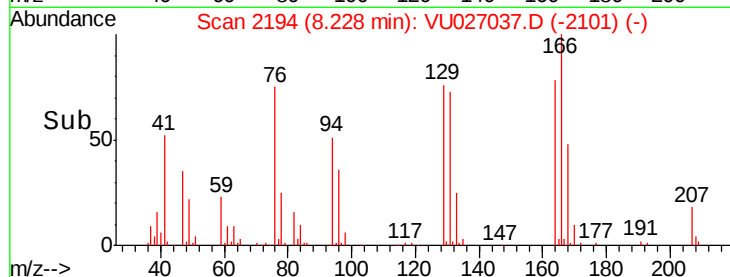
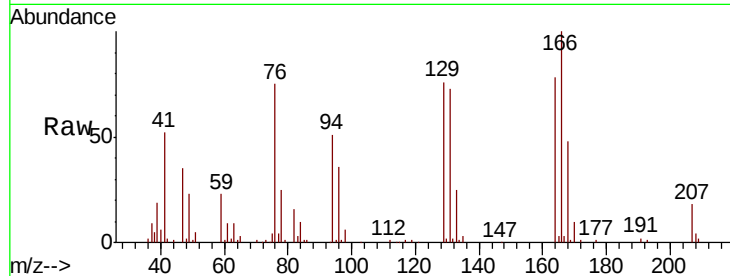
131 93.8 73.9 110.9

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#65

Chlorobenzene

Concen: 47.182 ug/l

RT: 9.12 min Scan# 2472

Delta R.T. -0.00 min

Lab File: VU027037.D

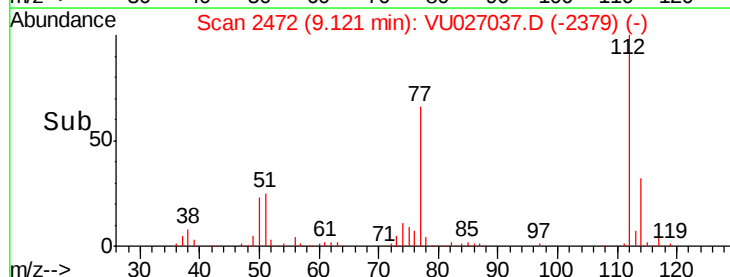
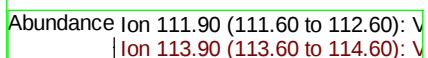
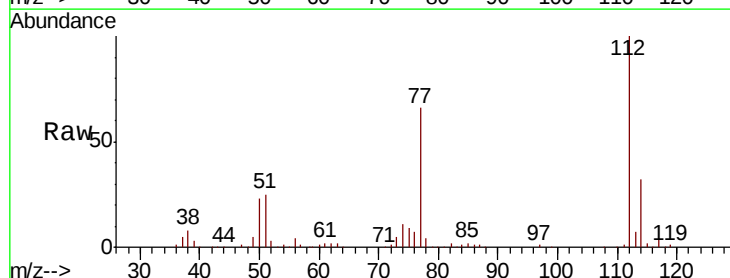
Acq: 22 Sep 2018 23:33

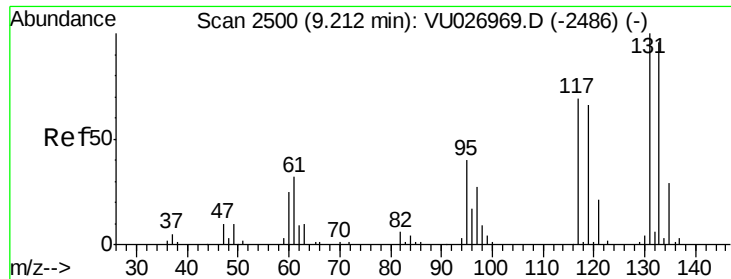
Tgt Ion:112 Resp: 168473

Ion Ratio Lower Upper

112 100

114 32.3 25.0 37.6





#66

1,1,1,2-Tetrachloroethane

Concen: 49.904 ug/l

RT: 9.21 min Scan# 2500

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Instrument :

MSVOA_U

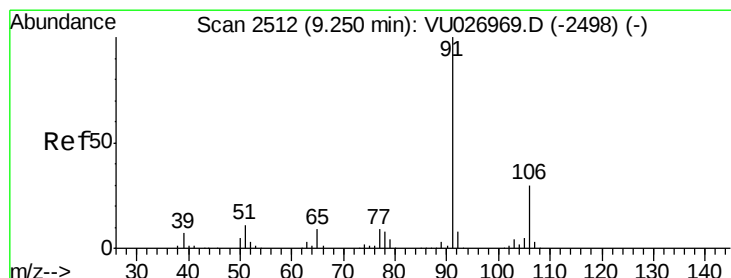
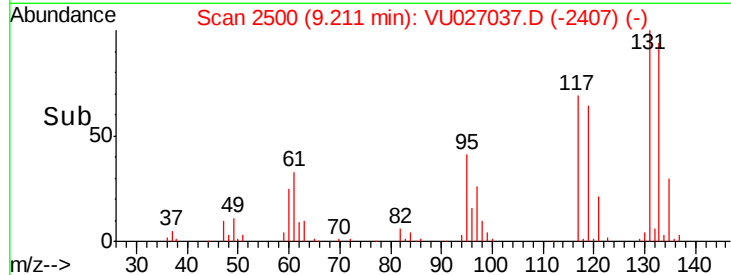
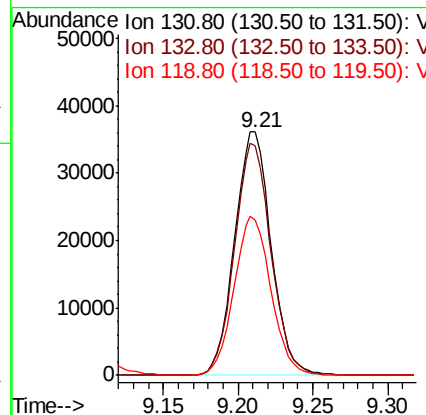
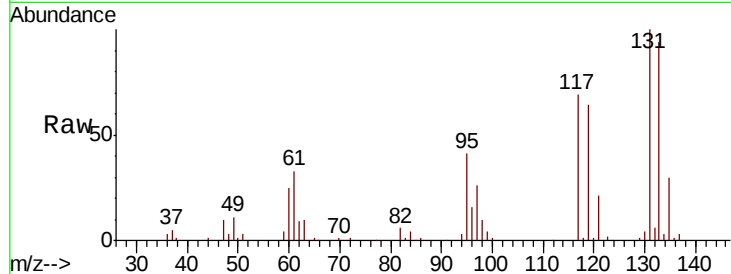
ClientSampleId :

BPSI-TT-MW308D-20180914MS

Tot Ion:	131	Resp:	61375
Ion	Ratio	Lower	Upper
131	100		
133	95.2	48.0	144.2
119	65.9	33.4	100.1

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#67

Ethyl Benzene

Concen: 52.235 ug/l

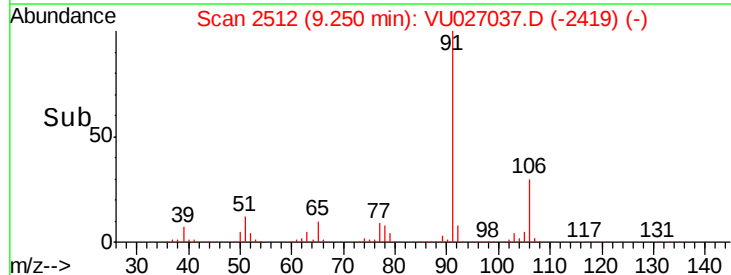
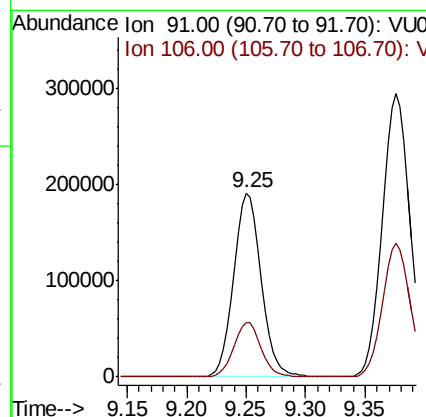
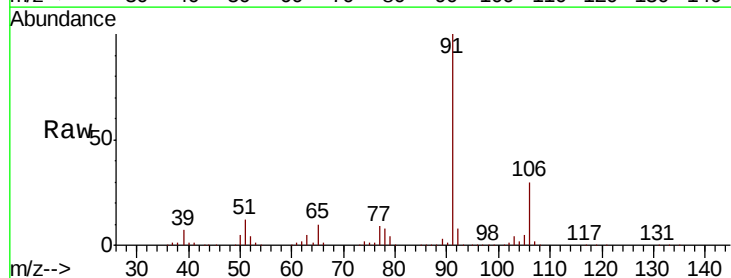
RT: 9.25 min Scan# 2512

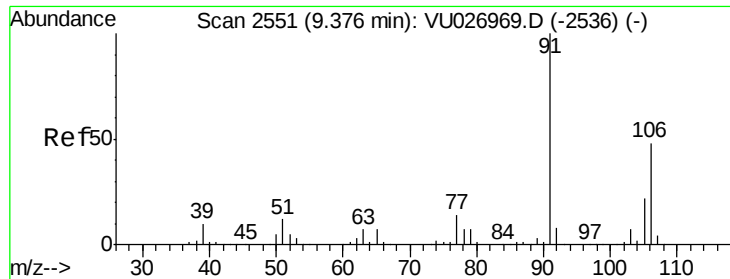
Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Tgt Ion:	91	Resp:	306702
Ion	Ratio	Lower	Upper
91	100		
106	29.8	23.8	35.8





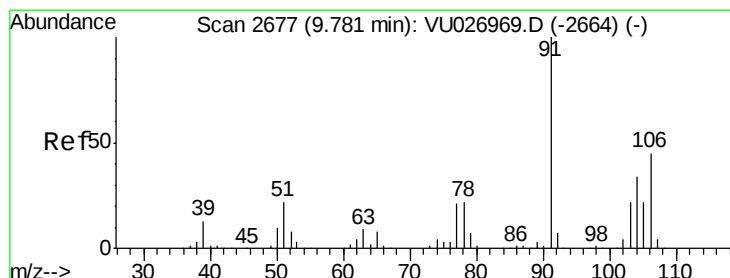
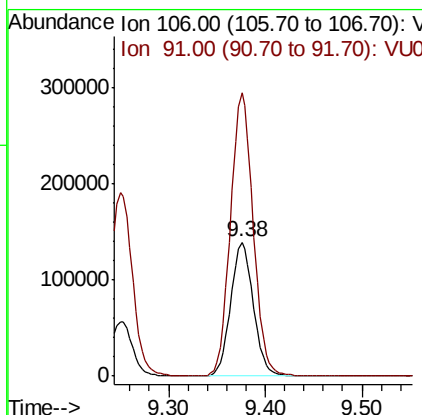
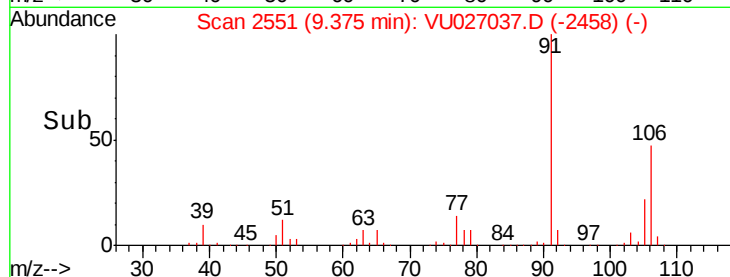
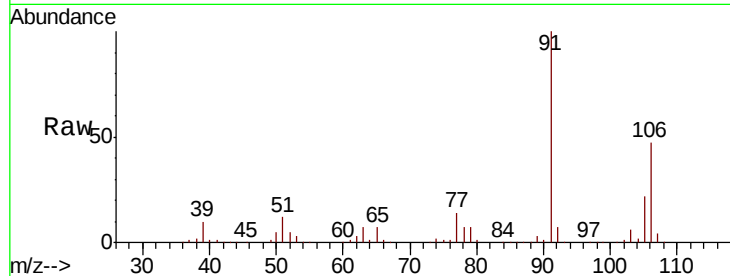
#68
m/p-Xylenes
Concen: 95.311 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914MS

Tot Ion:106 Resp: 226470
Ion Ratio Lower Upper
106 100
91 211.2 166.5 249.7

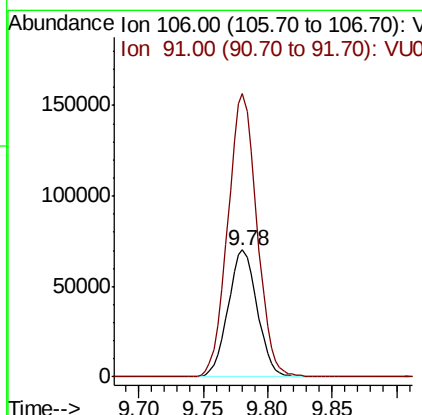
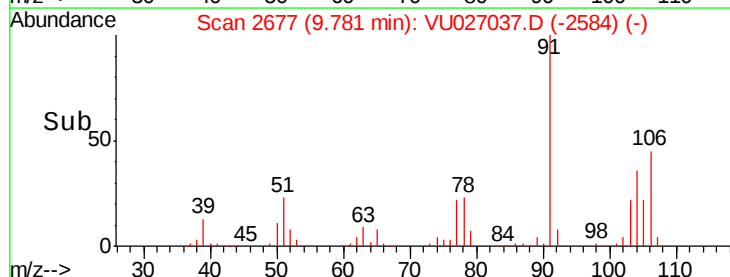
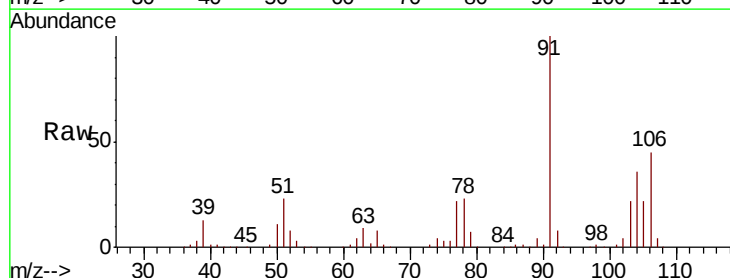
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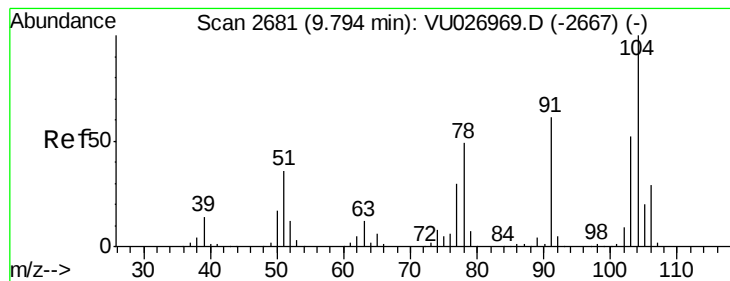
MMDadoda
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#69
o-Xylene
Concen: 52.884 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

Tgt Ion:106 Resp: 110019
Ion Ratio Lower Upper
106 100
91 223.0 110.2 330.6





#70

Stvrene

Concen: 47.532 ug/l

RT: 9.79 min Scan# 2681

Delta R.T. 0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Instrument :

MSVOA_U

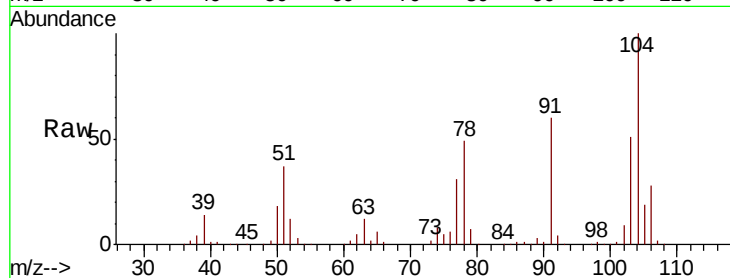
ClientSampleId :

BPSI-TT-MW308D-20180914MS

Tot Ion:	104	Resp:	184273
Ion Ratio	Lower	Upper	
104	100		
78	53.7	43.0	64.4
103	55.2	44.1	66.1

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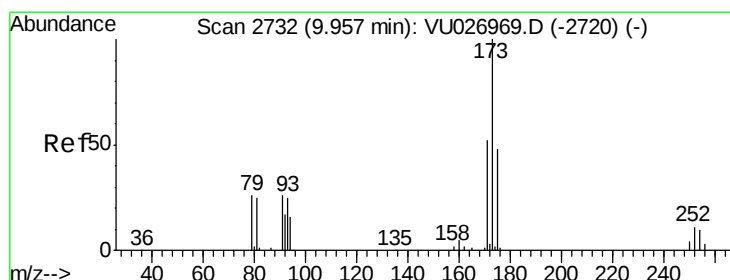
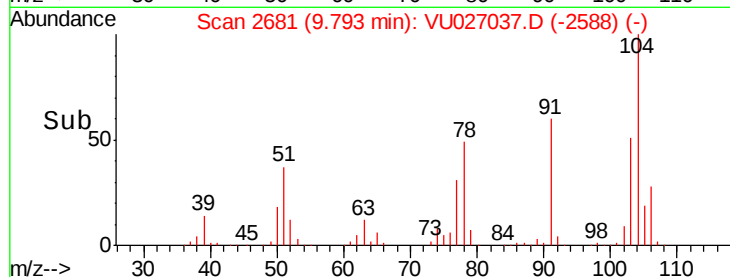
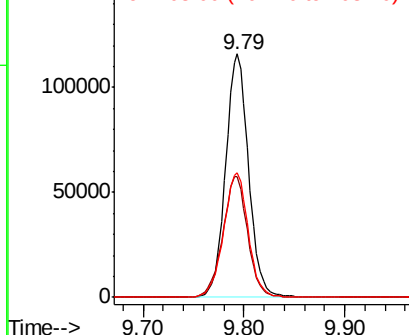


Abundance

Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 50.555 ug/l

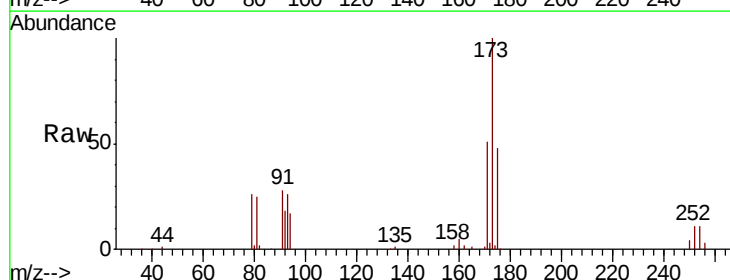
RT: 9.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Tgt Ion:	173	Resp:	48081
Ion Ratio	Lower	Upper	
173	100		
175	48.4	23.9	71.8
254	0.0	0.0	0.0

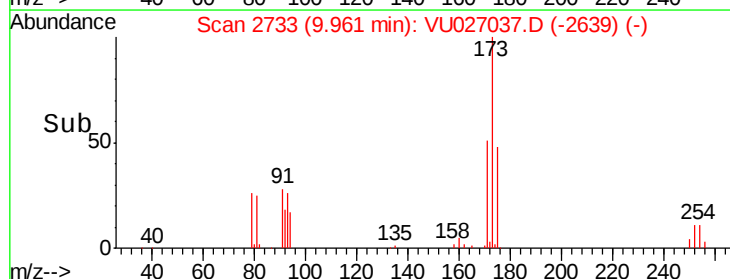
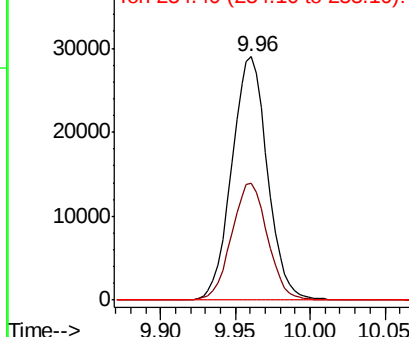


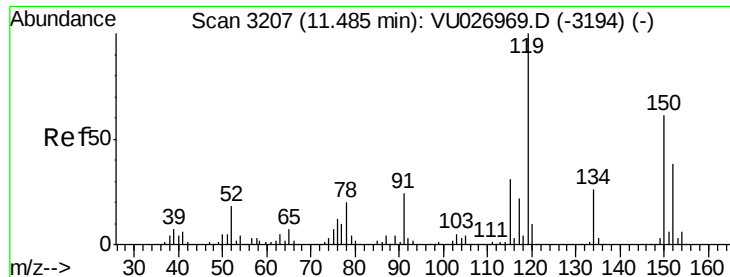
Abundance

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

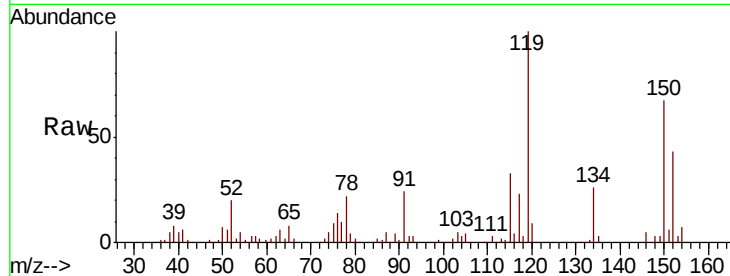
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914MS

Tot Ion	Ratio	Lower	Upper
152	100		
115	84.6	44.9	134.5
150	174.3	0.0	355.8

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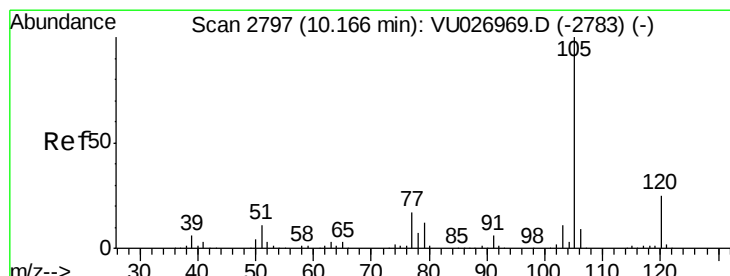
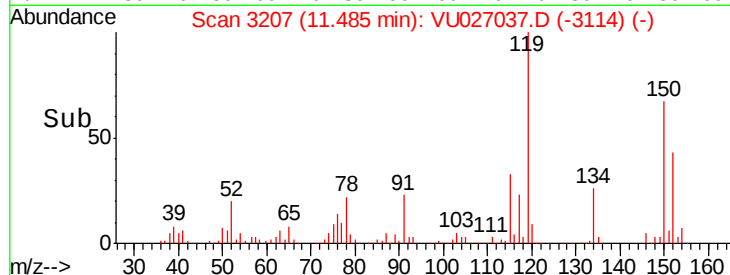
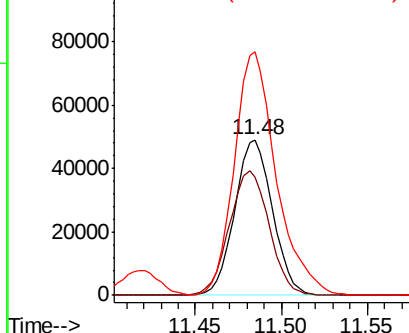


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

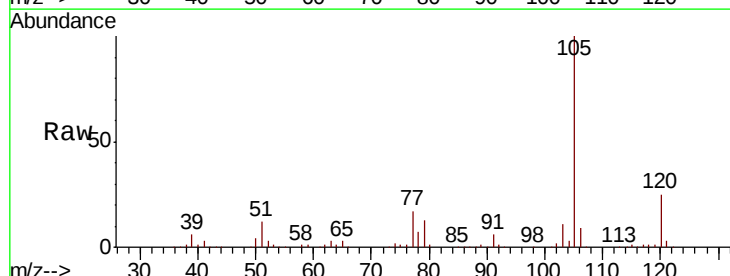
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene
Concen: 51.562 ug/l
RT: 10.17 min Scan# 2797
Delta R.T. -0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

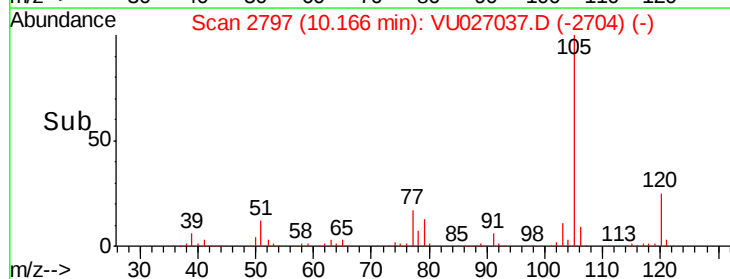
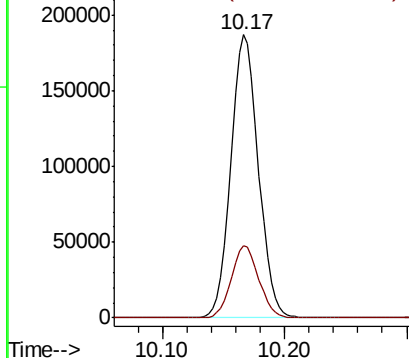
Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.5	12.8	38.4

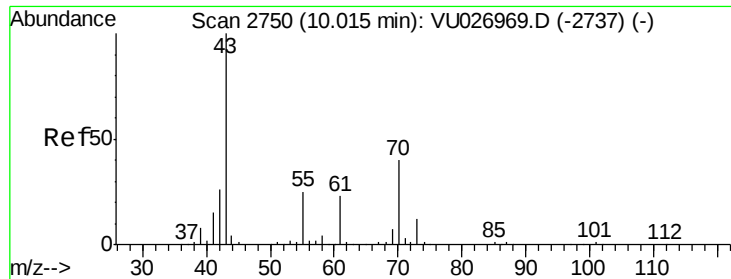


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 49.414 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Instrument :

MSVOA_U

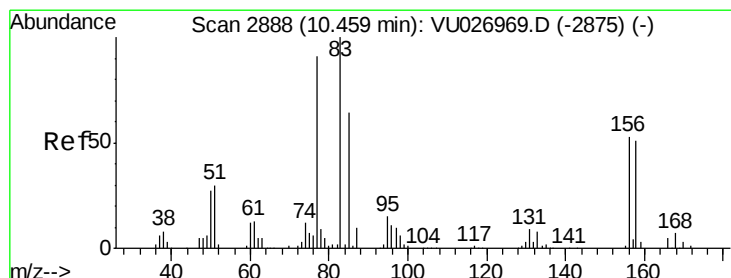
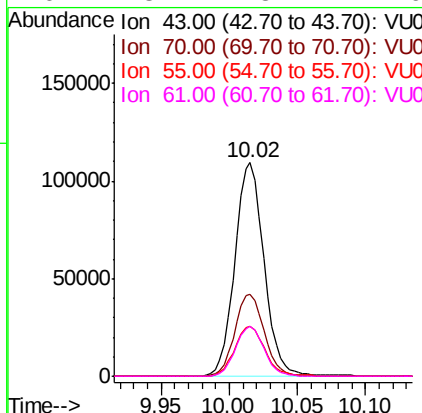
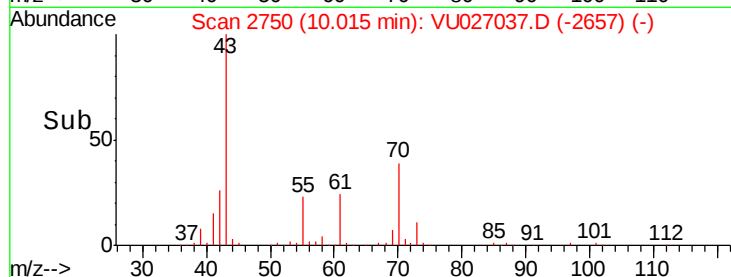
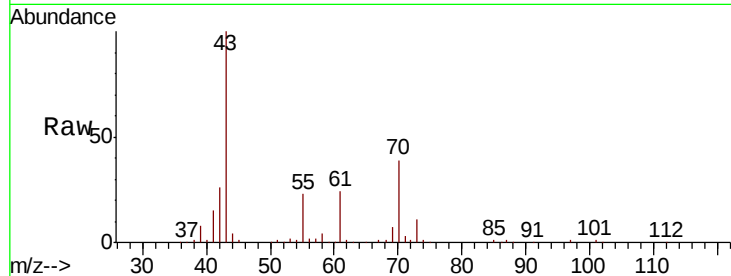
ClientSampleId :

BPSI-TT-MW308D-20180914MS

Tot Ion	43	Resp	162589
Ion Ratio	Lower	Upper	
43	100		
70	38.9	31.8	47.8
55	24.5	19.9	29.9
61	23.1	18.4	27.6

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#75

1,1,2,2-Tetrachloroethane

Concen: 45.830 ug/l

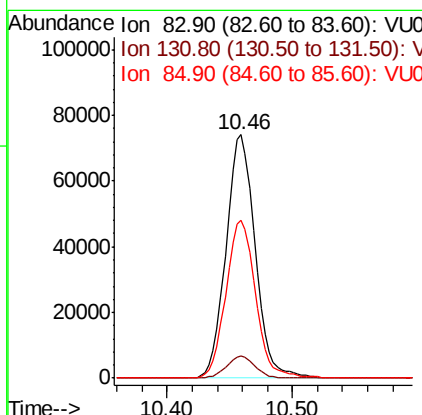
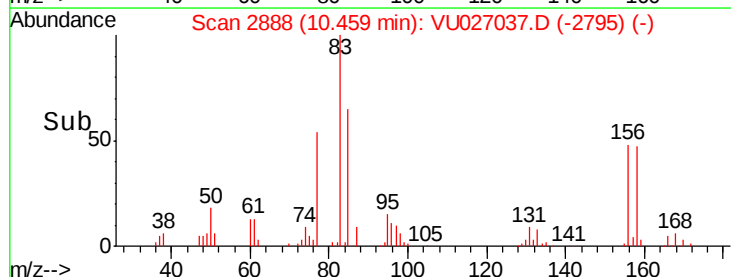
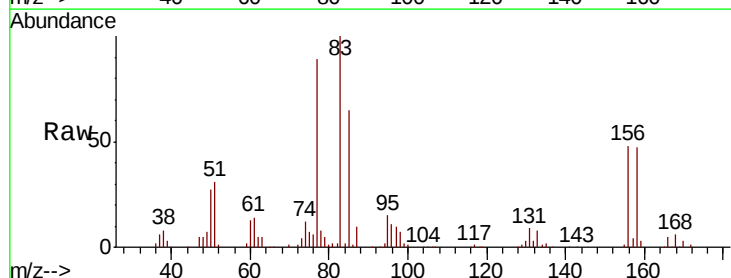
RT: 10.46 min Scan# 2888

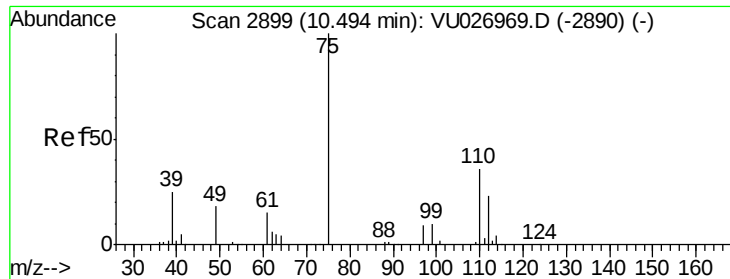
Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Tgt Ion	83	Resp	119779
Ion Ratio	Lower	Upper	
83	100		
131	8.6	4.3	12.8
85	65.9	31.9	95.7





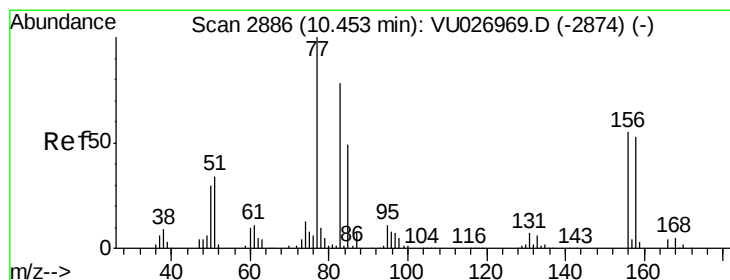
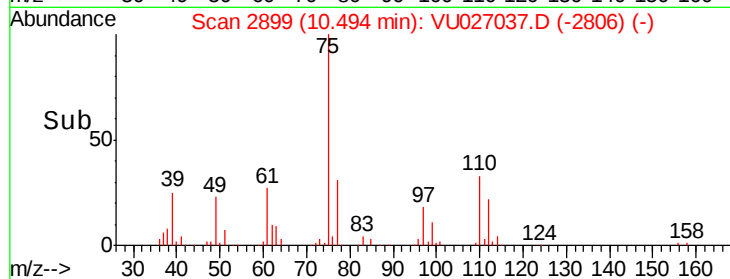
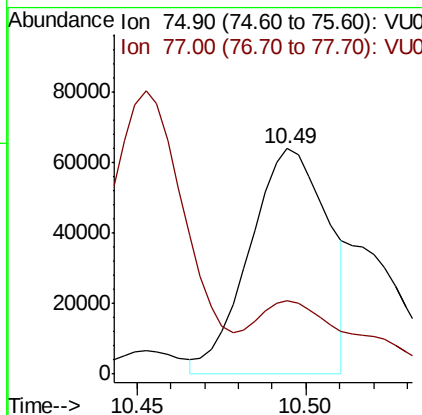
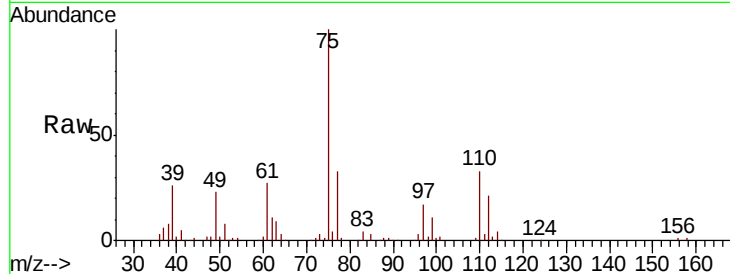
#76
 1,2,3-Trichloropropane
 Concen: 45.589 ug/l m
 RT: 10.49 min Scan# 2899
 Delta R.T. -0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MS

Tot Ion: 75 Resp: 103496
 Ion Ratio Lower Upper
 75 100
 77 41.8 20.9 62.8

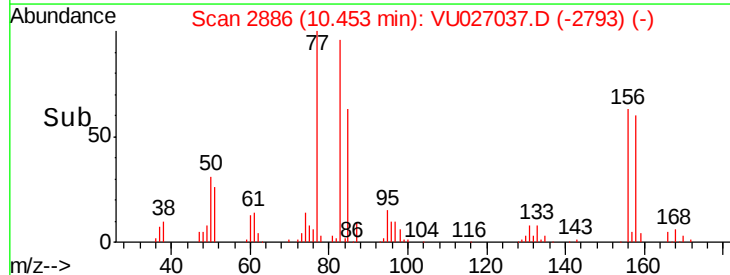
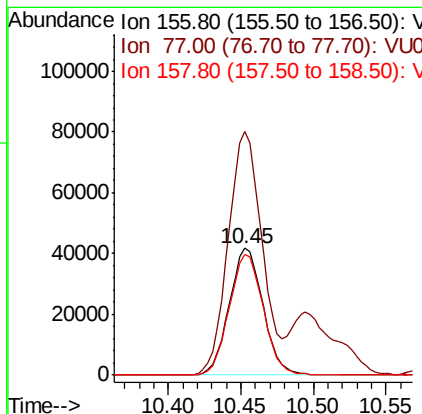
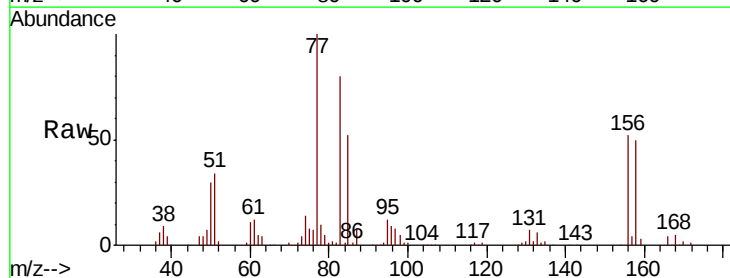
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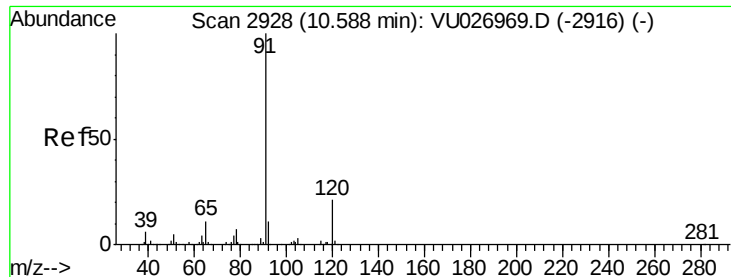
MMDadoda
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#77
 Bromobenzene
 Concen: 48.566 ug/l
 RT: 10.45 min Scan# 2886
 Delta R.T. -0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

Tgt Ion: 156 Resp: 67462
 Ion Ratio Lower Upper
 156 100
 77 192.4 92.3 276.9
 158 96.1 48.1 144.3





#78

n-propylbenzene

Concen: 52.624 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Instrument :

MSVOA_U

ClientSampleID :

BPSI-TT-MW308D-20180914MS

Tot Ion: 91 Resp: 353947

Ion Ratio Lower Upper

91 100

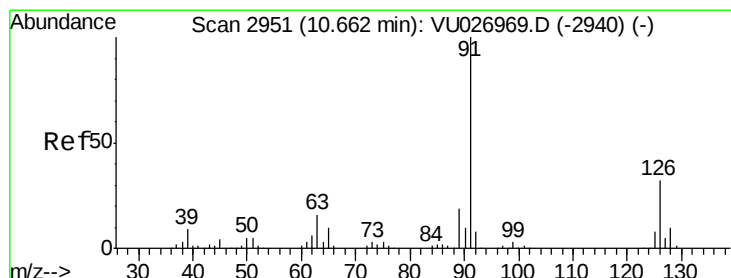
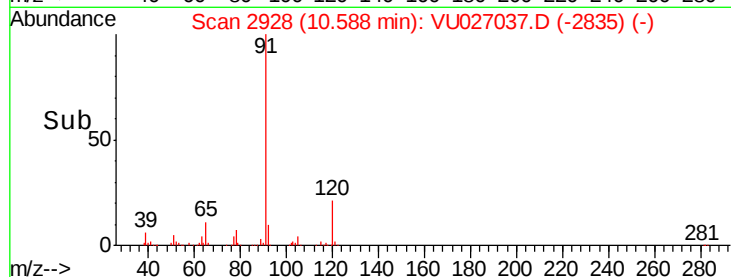
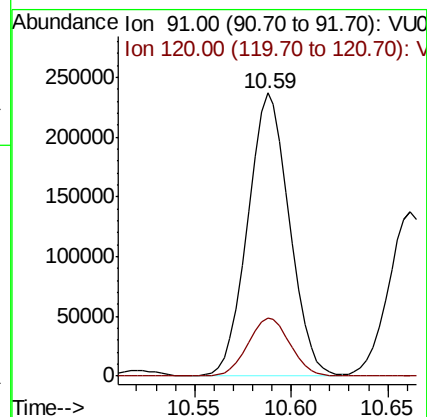
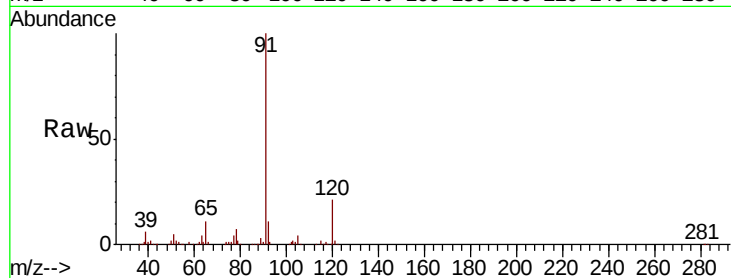
120 20.8 10.6 31.8

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#79

2-Chlorotoluene

Concen: 50.428 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. -0.00 min

Lab File: VU027037.D

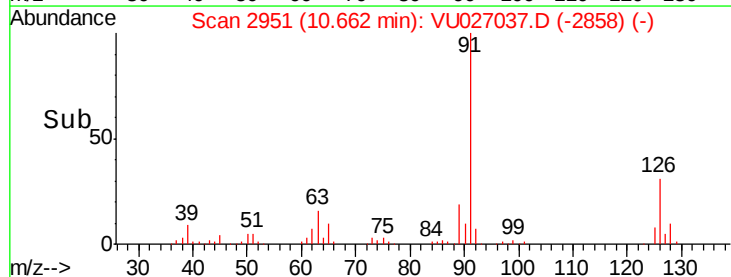
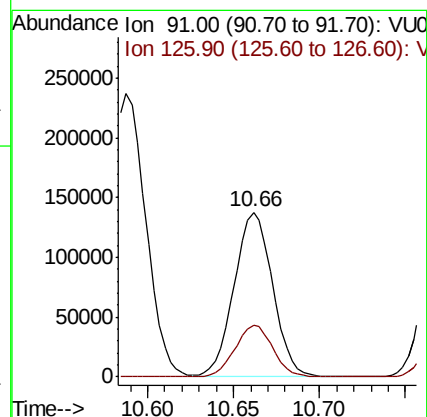
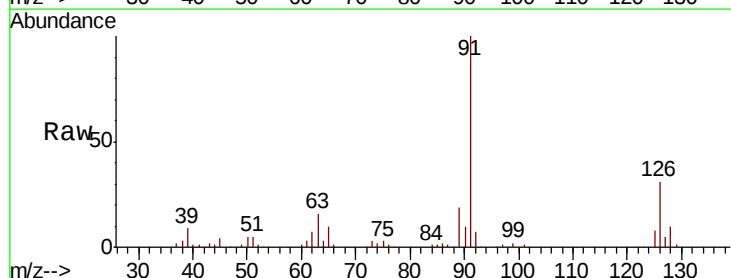
Acq: 22 Sep 2018 23:33

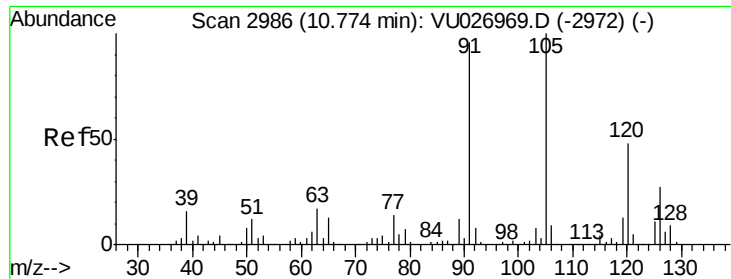
Tgt Ion: 91 Resp: 213047

Ion Ratio Lower Upper

91 100

126 31.2 15.8 47.3





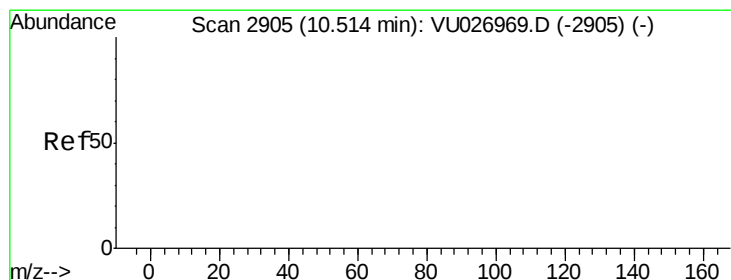
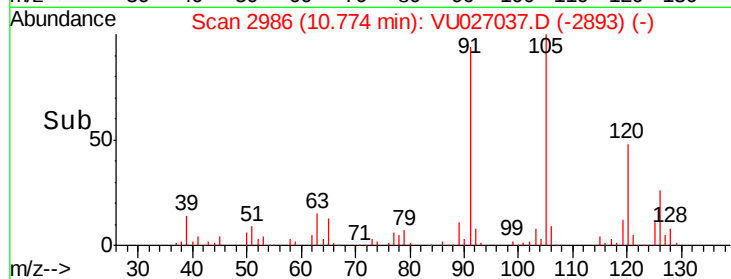
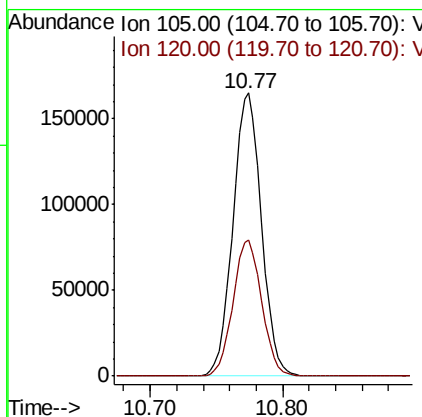
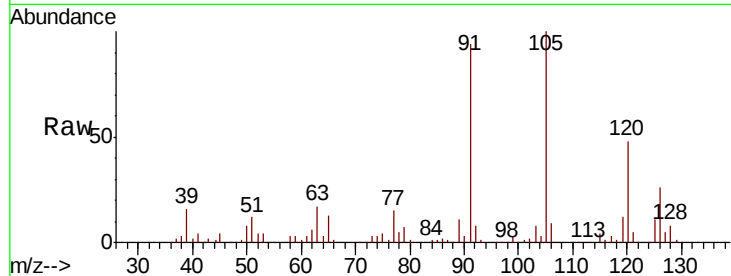
#80
 1,3,5-Trimethylbenzene
 Concen: 52.376 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. -0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MS

Tot Ion: 105 Resp: 245766
 Ion Ratio Lower Upper
 105 100
 120 48.5 23.9 71.7

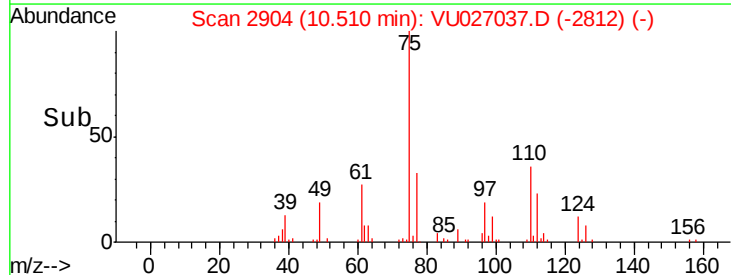
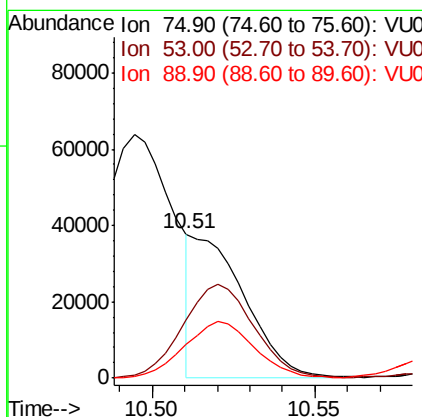
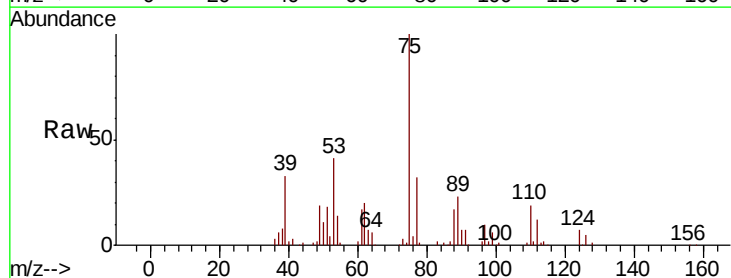
Manual Integrations
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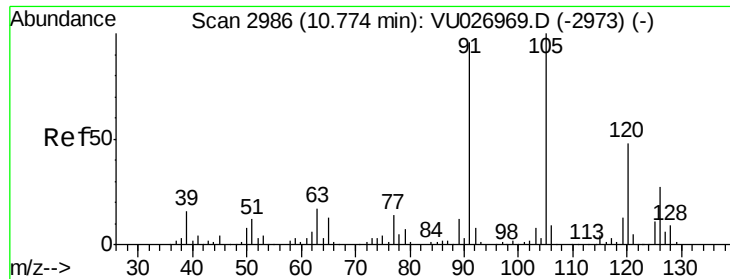
MMDadoda
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.405 ug/l m
 RT: 10.51 min Scan# 2904
 Delta R.T. -0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

Tgt Ion: 75 Resp: 41432
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0





#82

4-Chlorotoluene

Concen: 50.891 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MS

Tot Ion: 91 Resp: 241078

Ion Ratio Lower Upper

91 100

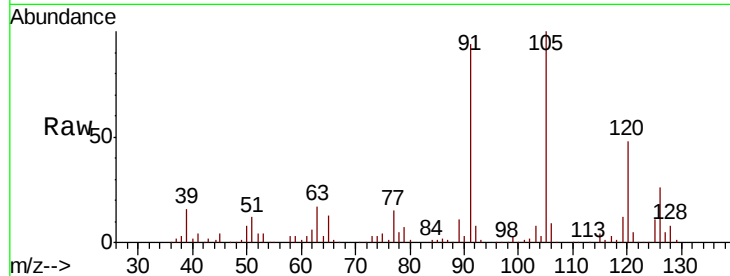
126 27.9 14.1 42.2

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VU026969.D (-2973) (-)

Ion 125.90 (125.60 to 126.60): VU026969.D (-2973) (-)

10.77

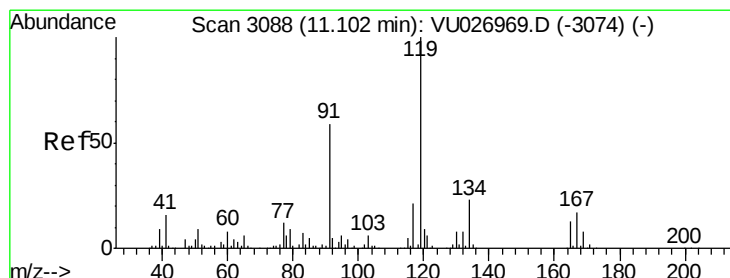
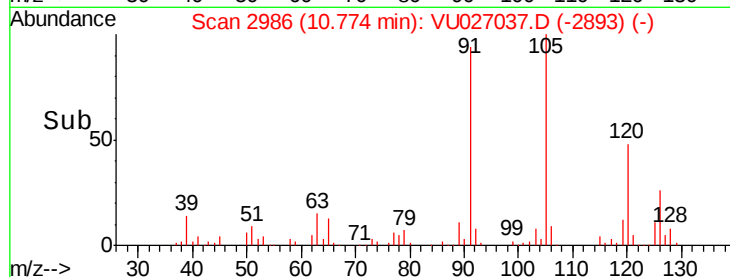
150000

100000

50000

0

Time-->



#83

tert-Butylbenzene

Concen: 50.806 ug/l

RT: 11.10 min Scan# 3088

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

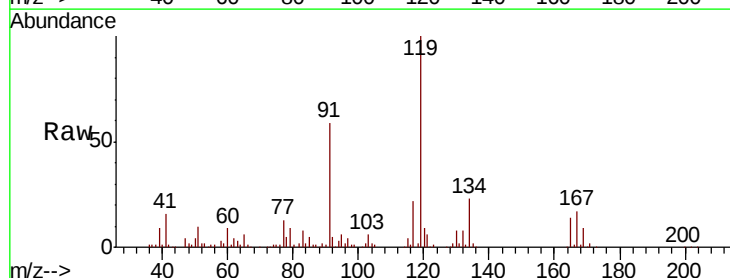
Tgt Ion: 119 Resp: 235697

Ion Ratio Lower Upper

119 100

91 59.0 29.8 89.4

134 22.9 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): VU026969.D (-3074) (-)

Ion 91.00 (90.70 to 91.70): VU026969.D (-3074) (-)

Ion 134.00 (133.70 to 134.70): VU026969.D (-3074) (-)

11.10

200000

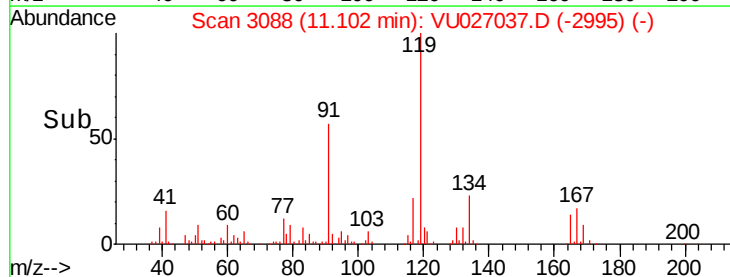
150000

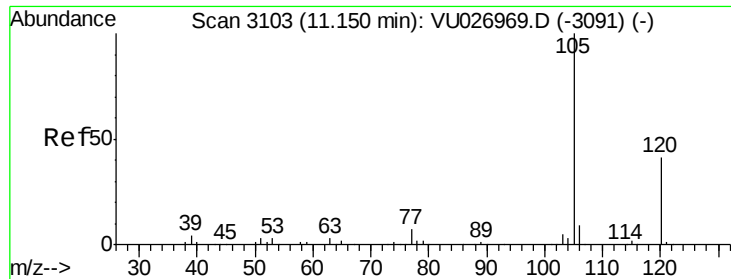
100000

50000

0

Time-->





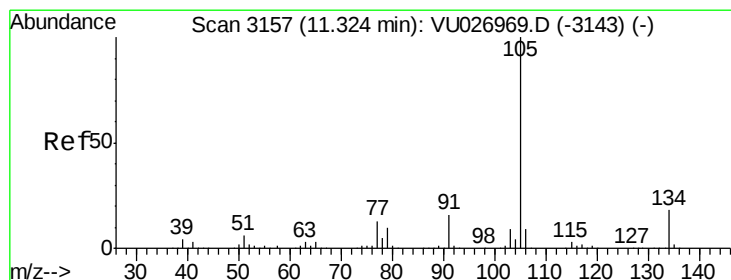
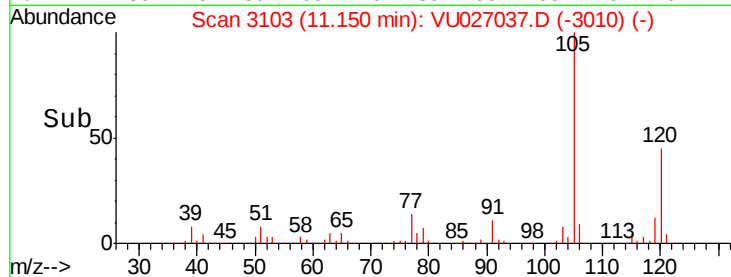
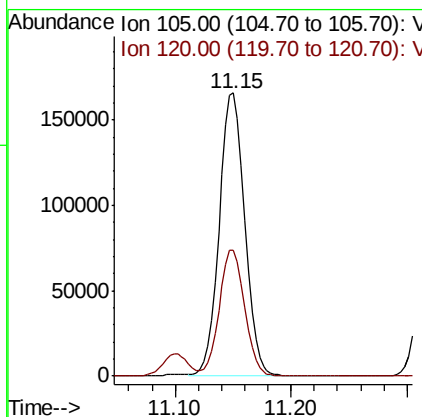
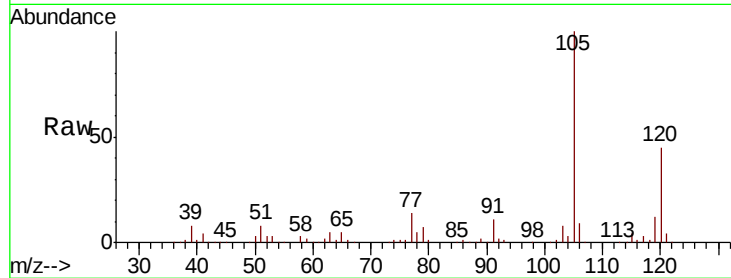
#84
 1,2,4-Trimethylbenzene
 Concen: 52.965 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. -0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MS

Tot Ion:105 Resp: 252928
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.4 67.2

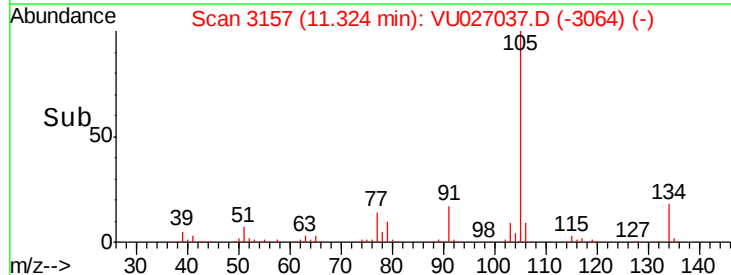
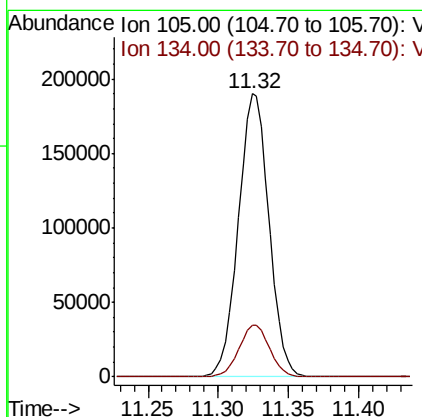
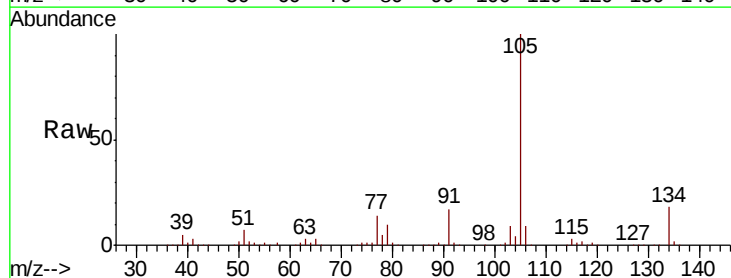
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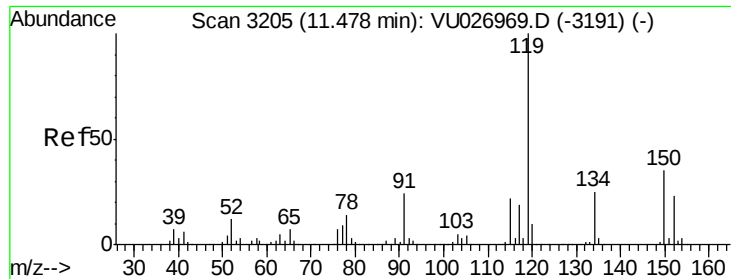
MMDadoda
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#85
 sec-Butylbenzene
 Concen: 50.998 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

Tgt Ion:105 Resp: 288800
 Ion Ratio Lower Upper
 105 100
 134 18.4 9.4 28.2





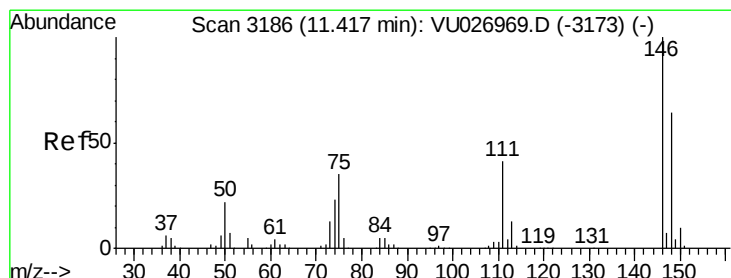
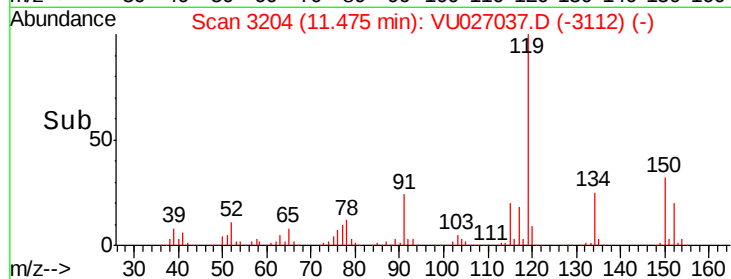
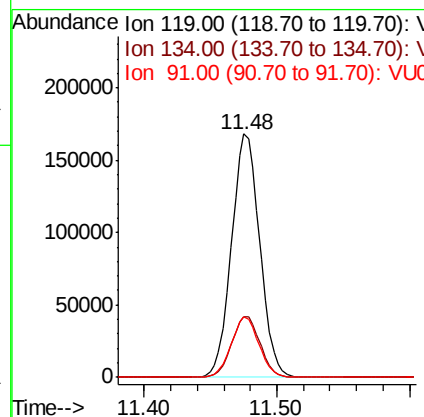
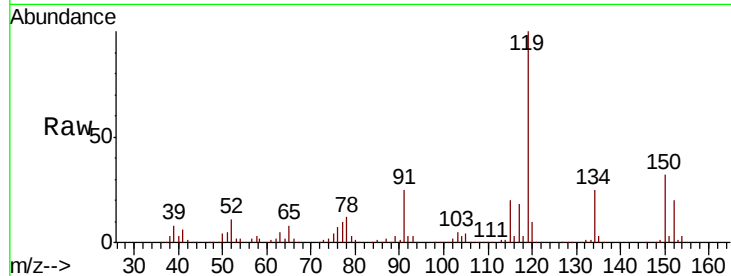
#86
 p-Isopropyltoluene
 Concen: 46.736 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	248014		
134	25.2	12.8	38.3	
91	24.4	12.3	36.8	

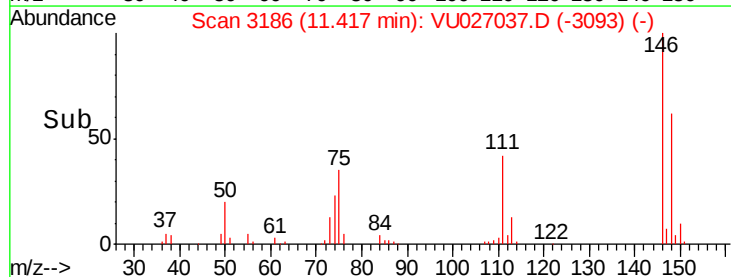
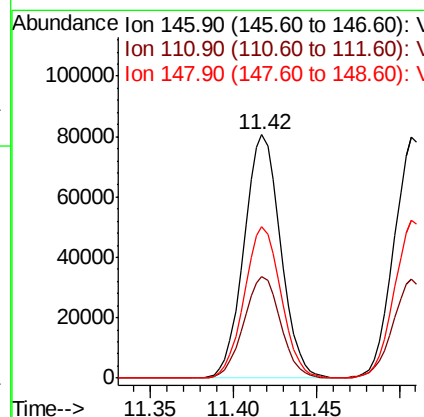
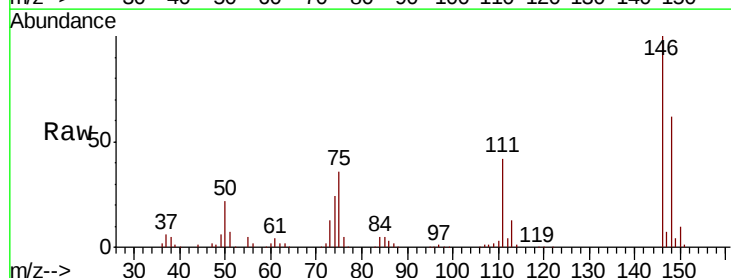
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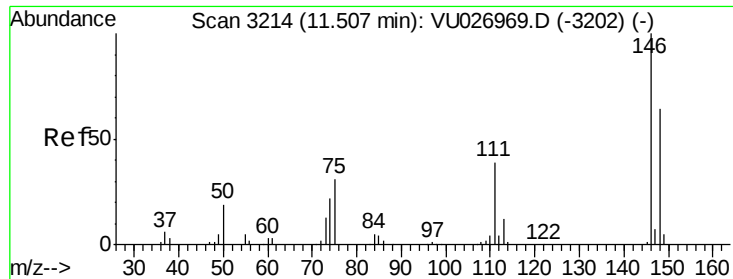
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#87
 1,3-Dichlorobenzene
 Concen: 47.917 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. -0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	123861		
111	41.9	20.8	62.2	
148	62.5	32.0	96.2	





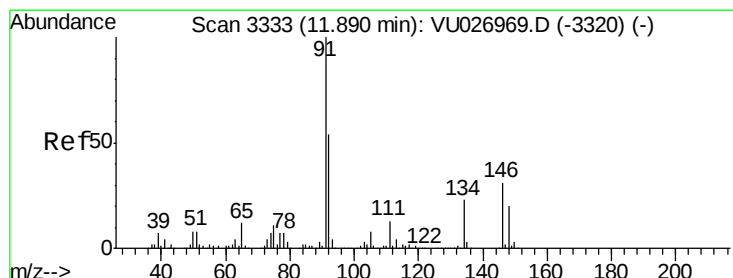
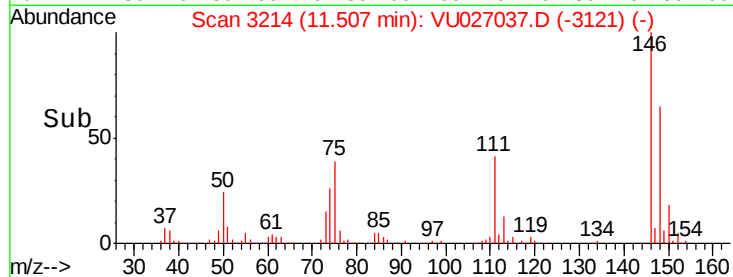
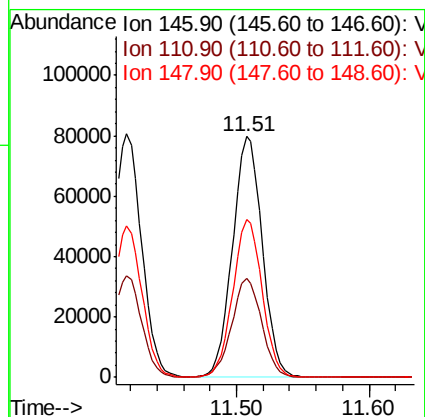
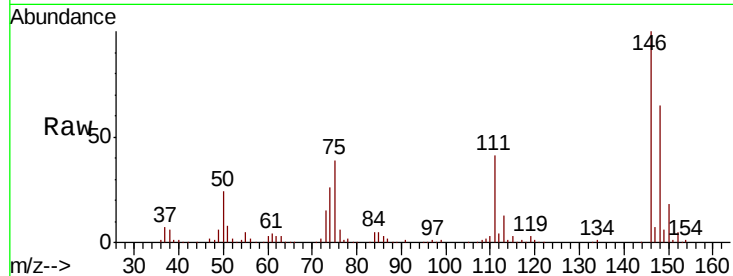
#88
 1,4-Dichlorobenzene
 Concen: 44.208 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MS

Tot Ion:	146	Resp:	124546
Ion Ratio	Lower	Upper	
146	100		
111	41.4	20.3	60.9
148	64.5	31.9	95.9

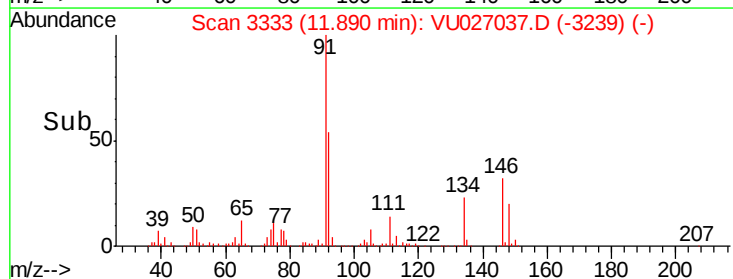
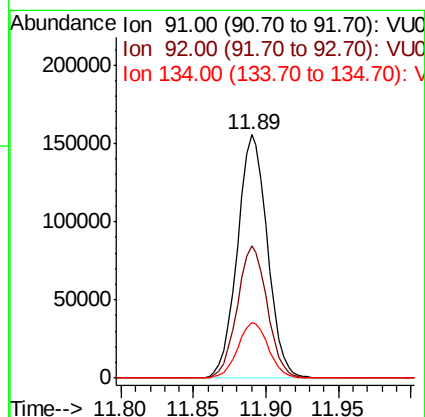
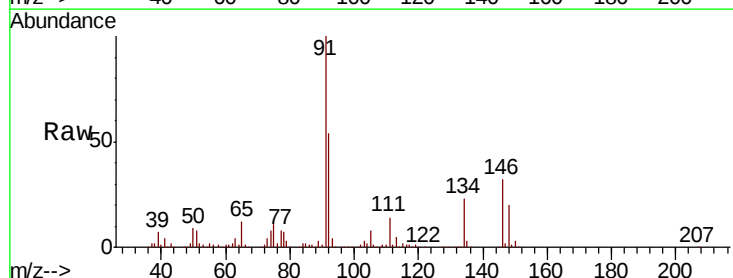
Manual Integrations
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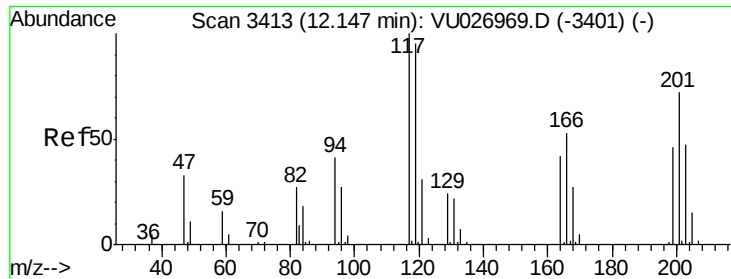
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#89
 n-Butylbenzene
 Concen: 43.689 ug/l
 RT: 11.89 min Scan# 3333
 Delta R.T. 0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

Tgt Ion:	91	Resp:	223409
Ion Ratio	Lower	Upper	
91	100		
92	54.4	27.1	81.2
134	23.2	11.7	35.0





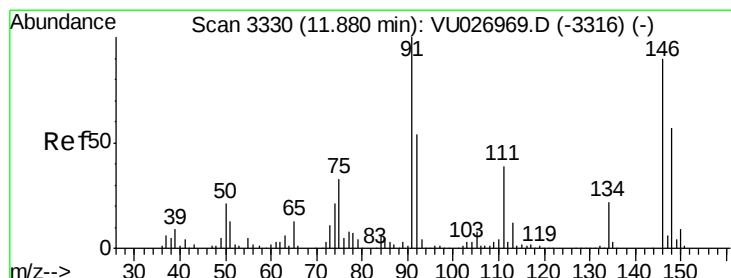
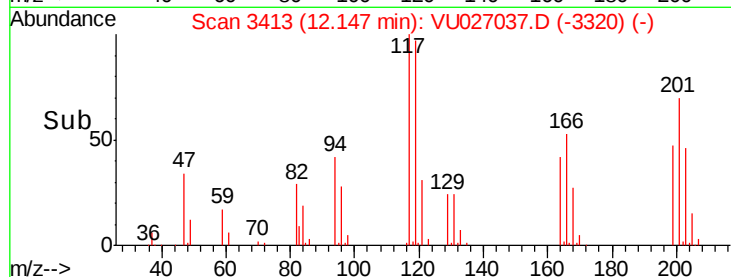
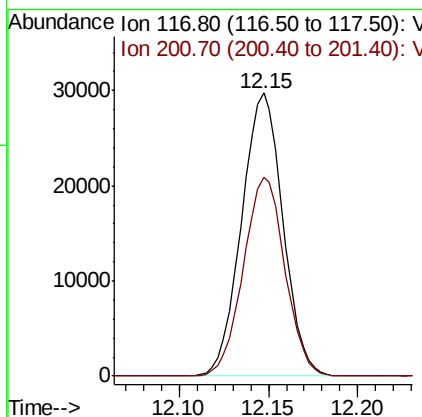
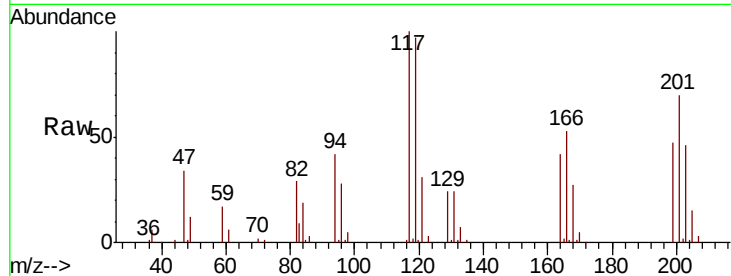
#90
Hexachloroethane
Concen: 46.777 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914MS

Tot Ion:117 Resp: 48171
Ion Ratio Lower Upper
117 100
201 70.6 36.8 110.3

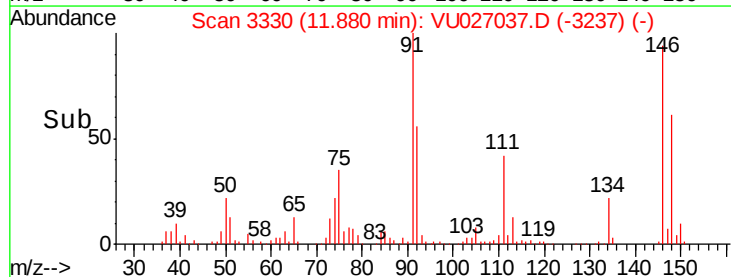
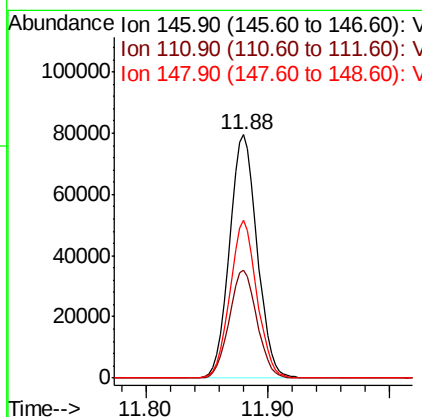
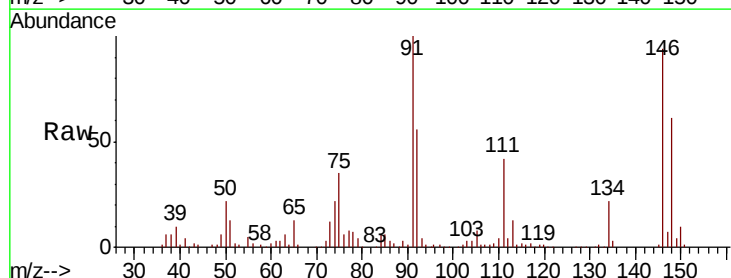
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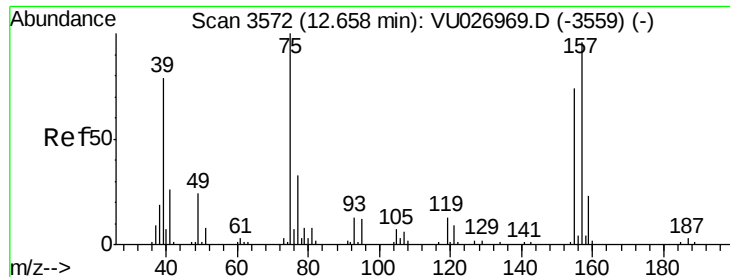
MMDadoda
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#91
1,2-Dichlorobenzene
Concen: 45.730 ug/l
RT: 11.88 min Scan# 3330
Delta R.T. -0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

Tgt Ion:146 Resp: 125566
Ion Ratio Lower Upper
146 100
111 44.4 21.8 65.3
148 63.3 31.9 95.7





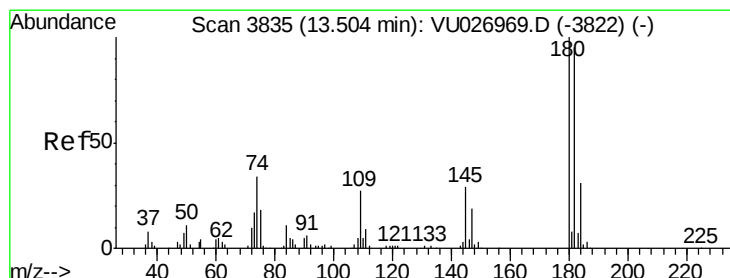
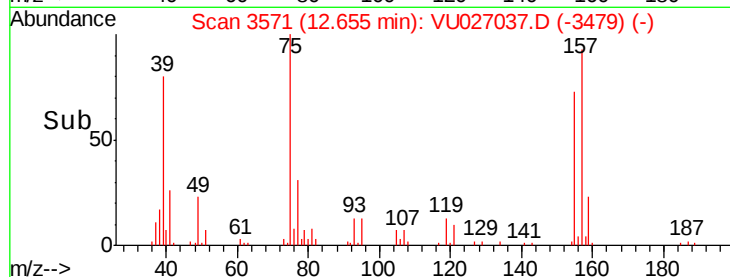
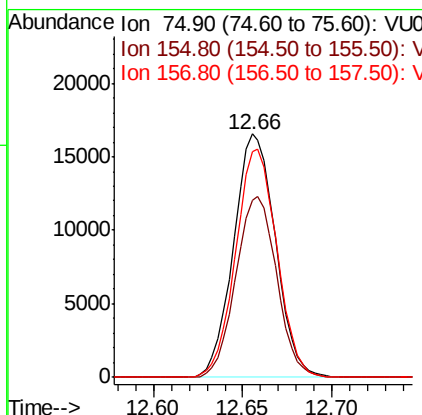
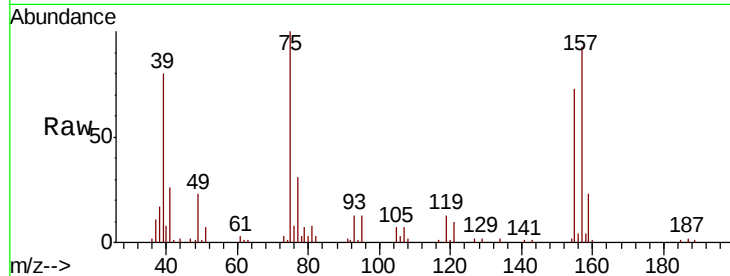
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.663 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	72.5	36.6	109.8
157	92.3	47.4	142.2

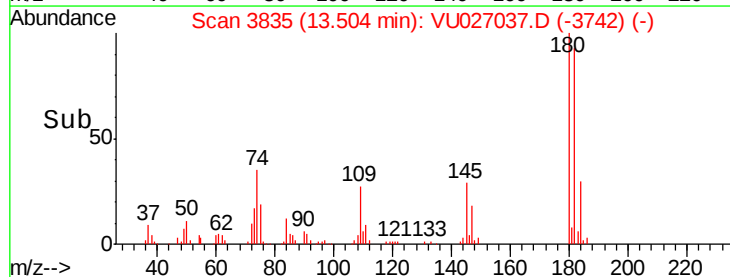
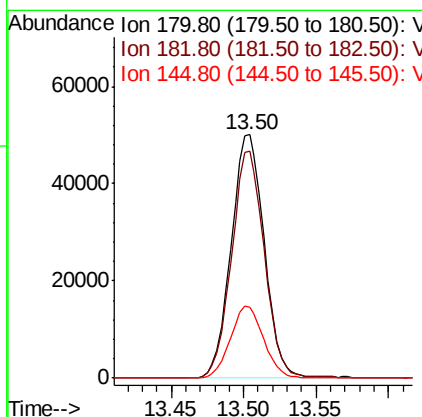
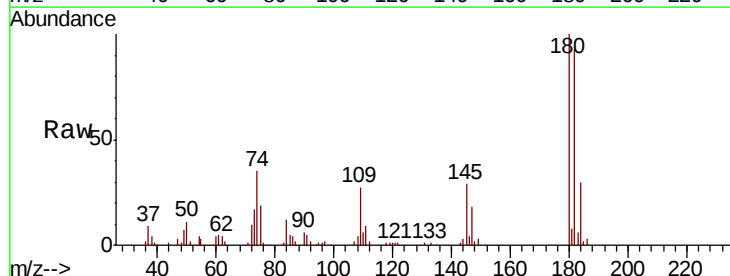
Manual Integrations
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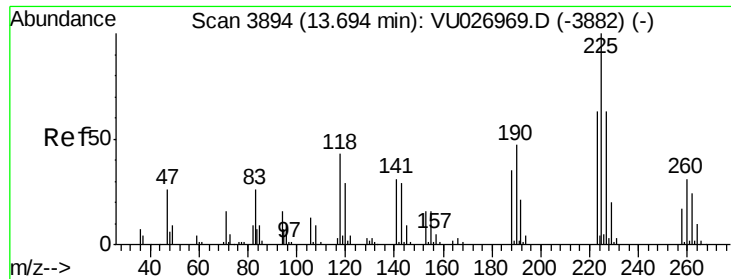
MMDadoda
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#93
 1,2,4-Trichlorobenzene
 Concen: 50.064 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. -0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.6	47.4	142.2
145	29.6	14.9	44.5





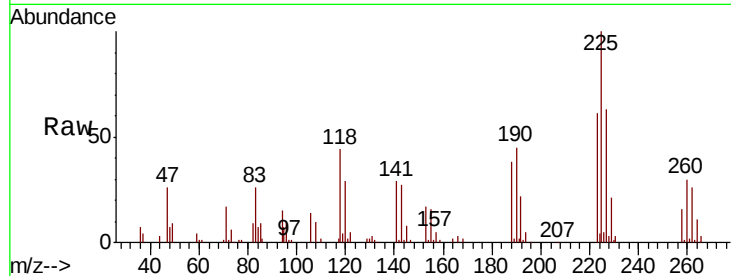
#94
Hexachlorobutadiene
Concen: 43.002 ug/l
RT: 13.69 min Scan# 3894
Delta R.T. -0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914MS

Tot Ion	Ratio	Resp	Lower	Upper
225	100	36003		
223	62.5		31.9	95.7
227	64.0		32.1	96.5

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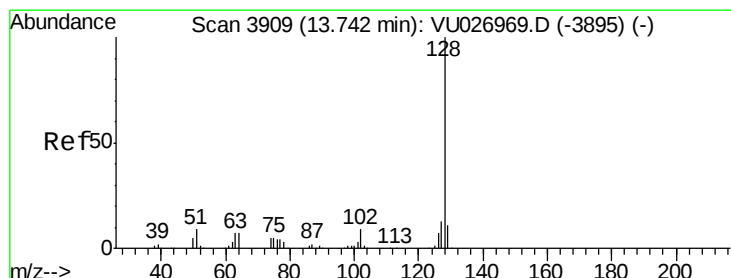
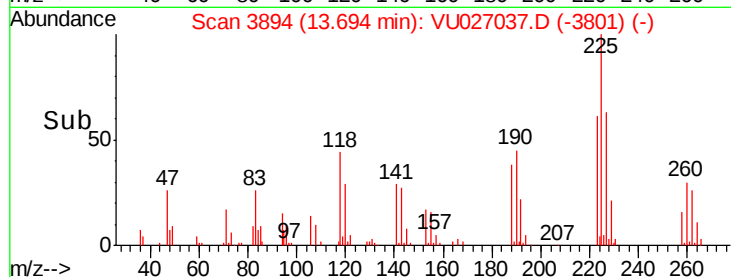
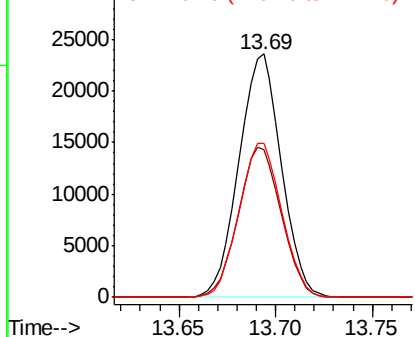


Abundance

Ion 224.70 (224.40 to 225.40): V

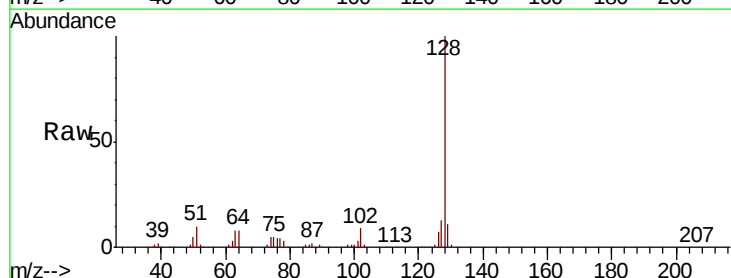
Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95
Naphthalene
Concen: 47.752 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	294941		
127	13.3		10.6	15.8
129	10.8		8.6	12.8

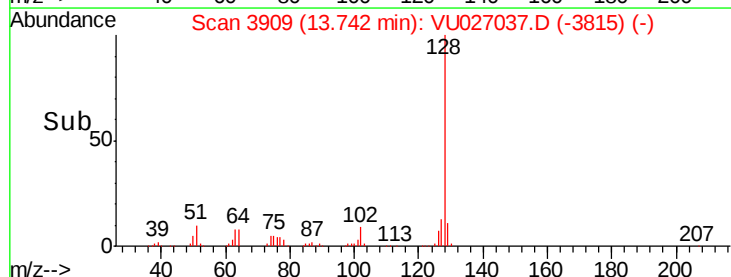
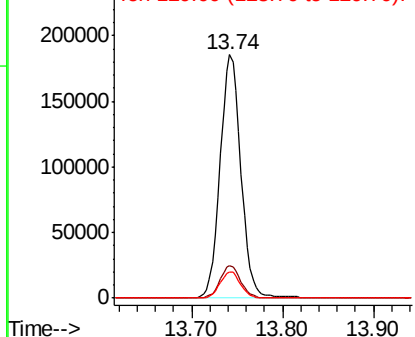


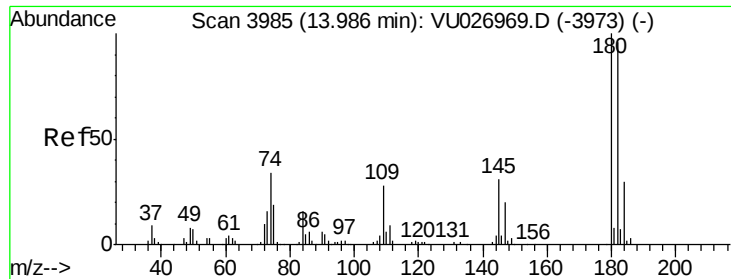
Abundance

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





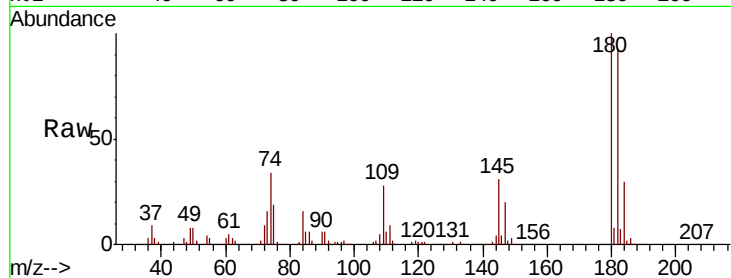
#96
 1,2,3-Trichlorobenzene
 Concen: 50.160 ug/l
 RT: 13.99 min Scan# 3985
 Delta R.T. -0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MS

Tot Ion:	180	Resp:	85116
Ion Ratio	Lower	Upper	
180	100		
182	94.3	47.5	142.5
145	31.7	15.4	46.4

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Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

