

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092218\
 Data File : VU027010.D
 Acq On : 22 Sep 2018 10:24
 Operator : MD/SY
 Sample : J4958-03MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 50 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 9/24/2018 2:14:19 PM

Quant Time: Sep 24 04:27:24 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	4.98	168	53503	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	103530	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	96359	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	49193	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	79794	74.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	148.20%	
35) Dibromofluoromethane	4.88	113	54518	60.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.50%	
50) Toluene-d8	7.57	98	162337	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
62) 4-Bromofluorobenzene	10.31	95	56811	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.21	85	35552	50.894	ug/l	98
3) Chloromethane	1.33	50	83156	69.045	ug/l	100
4) Vinyl Chloride	1.40	62	69129	61.490	ug/l	99
5) Bromomethane	1.61	94	39181	61.201	ug/l	97
6) Chloroethane	1.69	64	48311	67.256	ug/l	98
7) Trichlorofluoromethane	1.88	101	58662	45.942	ug/l	98
8) Diethyl Ether	2.10	74	47465	77.230	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.28	101	26584	33.861	ug/l	99
10) Methyl Iodide	2.41	142	54407	55.876	ug/l	100
11) Tert butyl alcohol	2.83	59	103328	418.639	ug/l	99
12) 1,1-Dichloroethene	2.28	96	38569	52.194	ug/l	98
13) Acrolein	2.19	56	64852	487.420	ug/l	100
14) Allyl chloride	2.59	41	92372	61.632	ug/l	99
15) Acrylonitrile	2.94	53	251166	403.753	ug/l	99
16) Acetone	2.32	43	230424	413.698	ug/l	98
17) Carbon Disulfide	2.48	76	114491	47.561	ug/l	100
18) Methyl Acetate	2.62	43	89895	58.652	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	224879	82.813	ug/l	99
20) Methylene Chloride	2.70	84	66197	68.641	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	46418	58.834	ug/l	98
22) Diisopropyl ether	3.57	45	260110	81.139	ug/l	97
23) Vinyl Acetate	3.53	43	750559	274.663	ug/l	99
24) 1,1-Dichloroethane	3.45	63	122892	69.603	ug/l	100
25) 2-Butanone	4.26	43	354590	391.830	ug/l	100
26) 2,2-Dichloropropane	4.23	77	33106	24.043	ug/l	92
27) cis-1,2-Dichloroethene	4.23	96	59602	66.894	ug/l	95
28) Bromochloromethane	4.55	49	64959	76.323	ug/l	97
29) Tetrahydrofuran	4.64	42	232123	424.015	ug/l	98
30) Chloroform	4.67	83	110800	67.606	ug/l	100
31) Cyclohexane	5.00	56	51476	31.864	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	73511	56.178	ug/l	99
36) 1,1-Dichloropropene	5.14	75	53838	38.964	ug/l	99
37) Ethyl Acetate	4.38	43	92758	49.590	ug/l	99
38) Carbon Tetrachloride	5.13	117	52380	39.836	ug/l	98

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Quant Time: Sep 24 04:27:24 2018
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	36190	24.102	ug/l	95
40) Benzene	5.39	78	225366	53.653	ug/l	99
41) Methacrylonitrile	4.54	41	73061	75.210	ug/l	97
42) 1,2-Dichloroethane	5.40	62	102926	64.856	ug/l	100
43) Isopropyl Acetate	5.55	43	158889	58.246	ug/l	99
44) Trichloroethene	6.19	130	39934	44.657	ug/l	97
45) 1,2-Dichloropropane	6.43	63	72508	60.583	ug/l	97
46) Dibromomethane	6.56	93	45723	63.255	ug/l	98
47) Bromodichloromethane	6.76	83	85733	58.657	ug/l	97
48) Methyl methacrylate	6.62	41	96747	64.855	ug/l	99
49) 1,4-Dioxane	6.61	88	40559	1376.175	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	675591	368.236	ug/l	100
52) Toluene	7.64	92	115663	48.039	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	85957	54.737	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	87869	50.889	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	65139	63.849	ug/l	99
56) Ethyl methacrylate	8.02	69	110829	62.057	ug/l	99
57) 1,3-Dichloropropane	8.24	76	122760	64.696	ug/l	100
59) 2-Hexanone	8.36	43	519872	361.993	ug/l	100
60) Dibromochloromethane	8.48	129	62868	62.824	ug/l	98
61) 1,2-Dibromoethane	8.59	107	66569	62.713	ug/l	99
64) Tetrachloroethene	8.23	164	25698	34.609	ug/l	98
65) Chlorobenzene	9.12	112	121440	47.531	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	50924	57.867	ug/l	99
67) Ethyl Benzene	9.25	91	185367	44.121	ug/l	100
68) m/p-Xylenes	9.38	106	136669	80.618	ug/l	97
69) o-Xylene	9.78	106	73909	49.650	ug/l	100
70) Styrene	9.79	104	126952	45.832	ug/l	100
71) Bromoform	9.96	173	45673	67.114	ug/l #	98
73) Isopropylbenzene	10.17	105	160294	42.836	ug/l	99
74) N-amyl acetate	10.02	43	117163	54.090	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	117424	68.250	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	110521m	73.953	ug/l	
77) Bromobenzene	10.45	156	50777	55.528	ug/l	96
78) n-propylbenzene	10.59	91	184050	41.568	ug/l	99
79) 2-Chlorotoluene	10.66	91	132372	47.596	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	145323	47.046	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	24447m	52.349	ug/l	
82) 4-Chlorotoluene	10.77	91	150129	48.142	ug/l	100
83) tert-Butylbenzene	11.10	119	135930	44.510	ug/l	95
84) 1,2,4-Trimethylbenzene	11.15	105	153075	48.694	ug/l	99
85) sec-Butylbenzene	11.32	105	141268	37.894	ug/l	100
86) p-Isopropyltoluene	11.48	119	124717	35.919	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	82443	48.448	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	85458	46.079	ug/l	99
89) n-Butylbenzene	11.89	91	103634	31.492	ug/l	99
90) Hexachloroethane	12.15	117	27114	39.996	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	91964	50.877	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	26231	74.735	ug/l	98
93) 1,2,4-Trichlorobenzene	13.50	180	54691	52.504	ug/l	100

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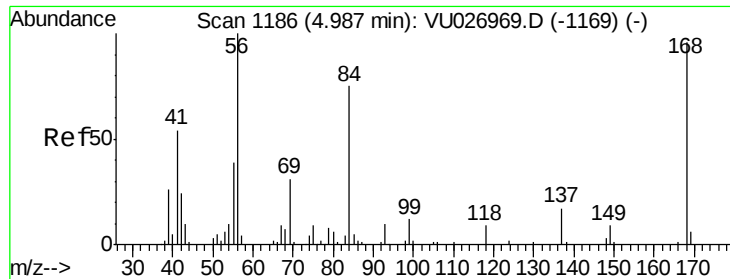
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.69	225	17011	30.864	ug/l	100
95) Naphthalene	13.74	128	256901	62.637	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	65012	58.199	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MSD

Tot Ion:168 Resp: 53503

Ion Ratio Lower Upper

168 100

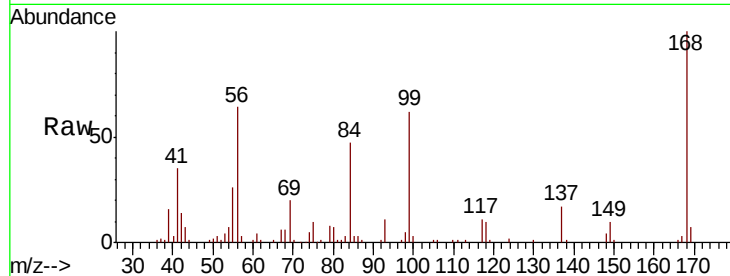
99 61.2 48.1 72.1

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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) (-)

25000

20000

15000

10000

5000

0

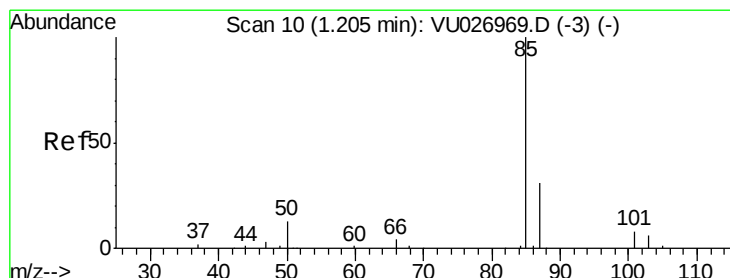
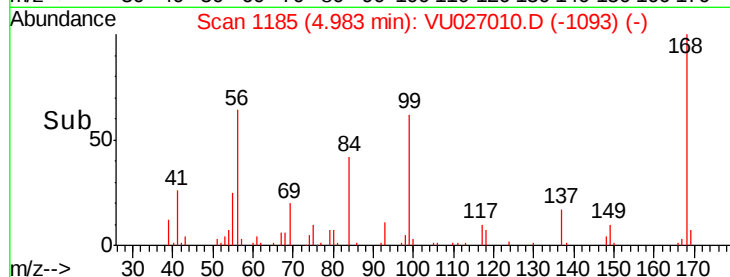
4.90

4.95

5.00

5.05

Time-->



#2

Dichlorodifluoromethane

Concen: 50.894 ug/l

RT: 1.21 min Scan# 10

Delta R.T. -0.00 min

Lab File: VU027010.D

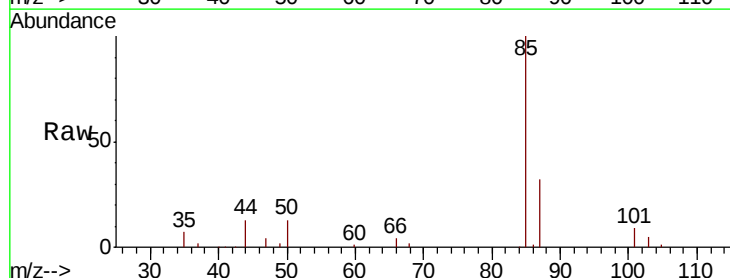
Acq: 22 Sep 2018 10:24

Tgt Ion: 85 Resp: 35552

Ion Ratio Lower Upper

85 100

87 32.3 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) (-)

40000

30000

20000

10000

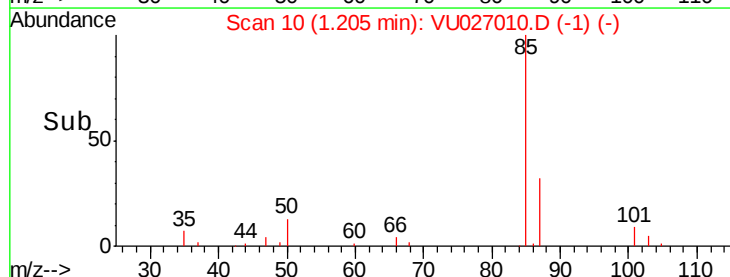
0

1.15

1.20

1.25

Time-->





#3

Chloromethane

Concen: 69.045 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MSD

Tot Ion: 50 Resp: 83156

Ion Ratio Lower Upper

50 100

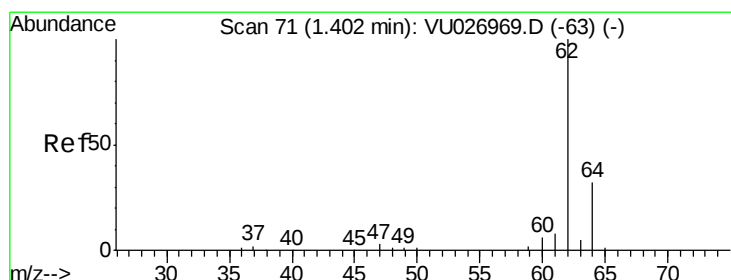
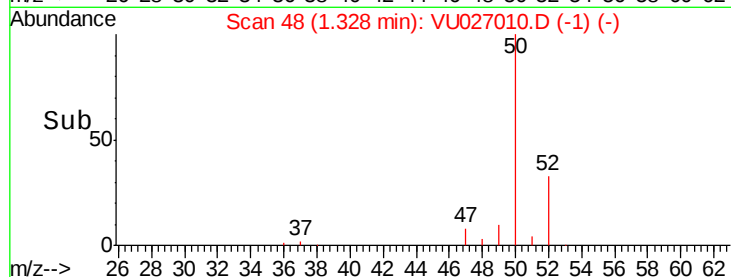
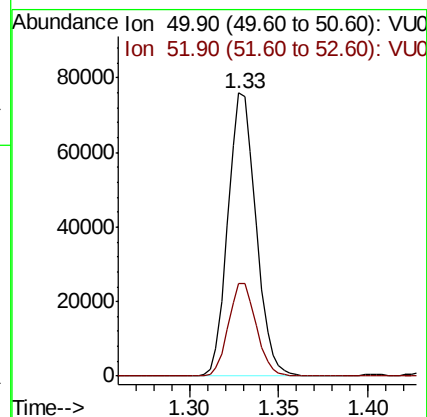
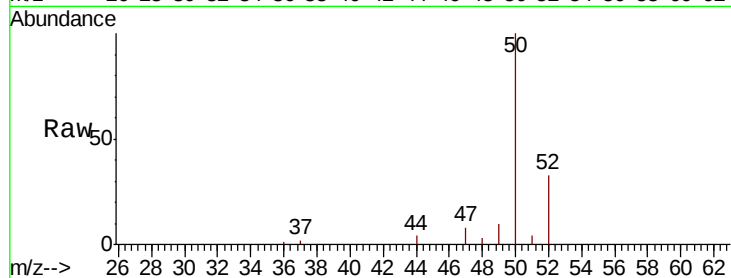
52 32.6 25.9 38.9

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#4

Vinyl Chloride

Concen: 61.490 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU027010.D

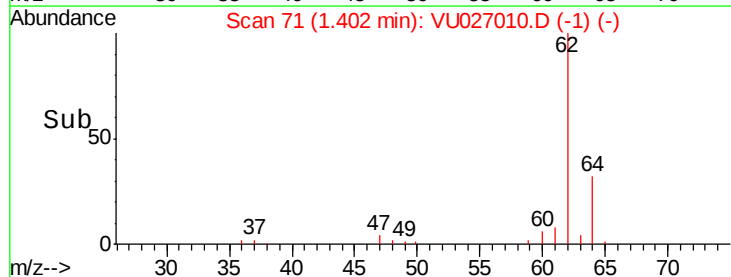
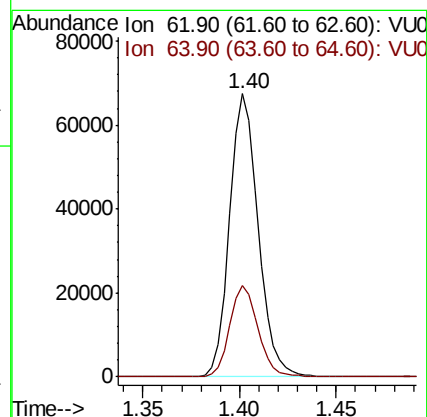
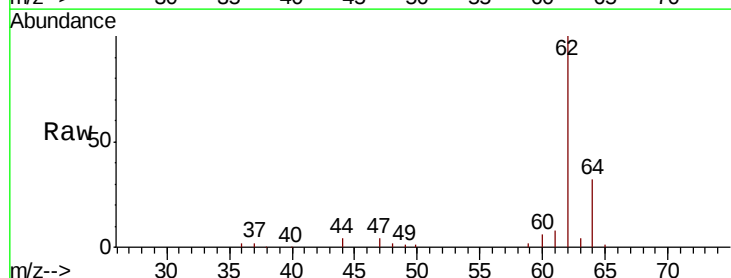
Acq: 22 Sep 2018 10:24

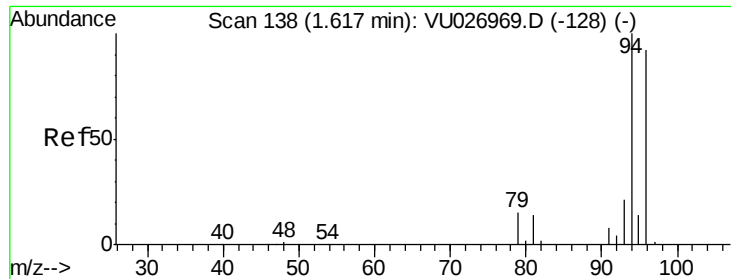
Tgt Ion: 62 Resp: 69129

Ion Ratio Lower Upper

62 100

64 32.3 25.5 38.3





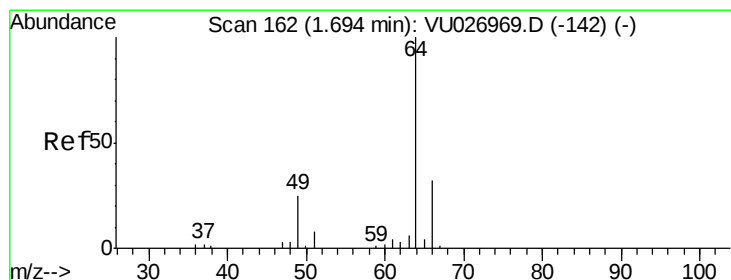
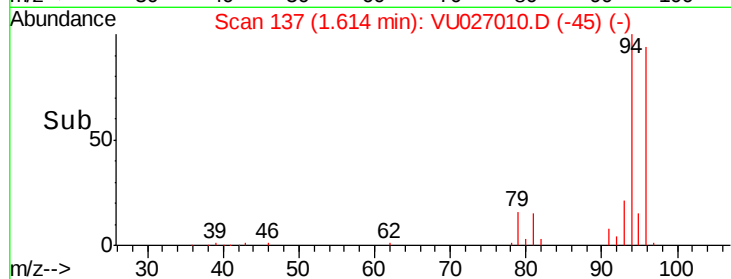
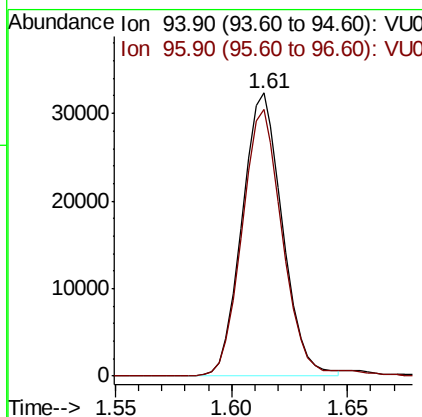
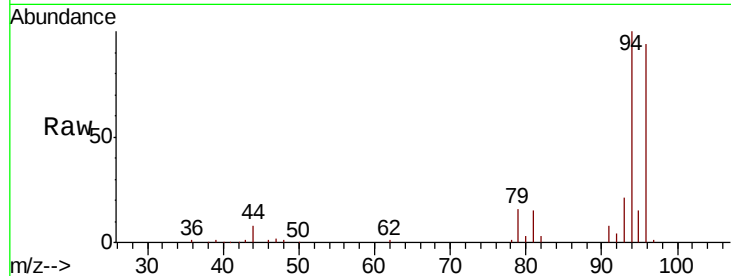
#5
Bromomethane
Concen: 61.201 ug/l
RT: 1.61 min Scan# 137
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

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Tot Ion: 94 Resp: 39181
Ion Ratio Lower Upper
94 100
96 94.0 73.2 109.8

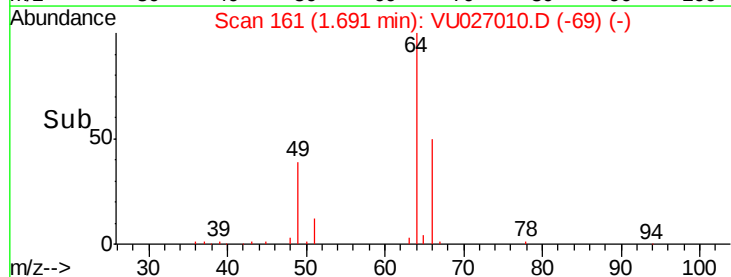
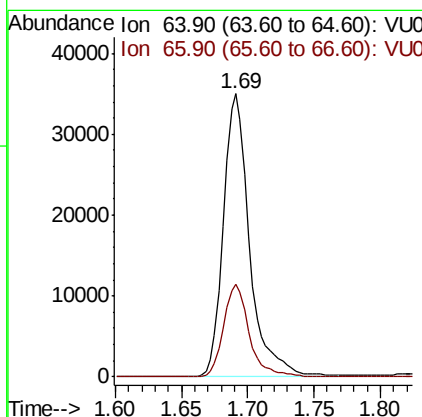
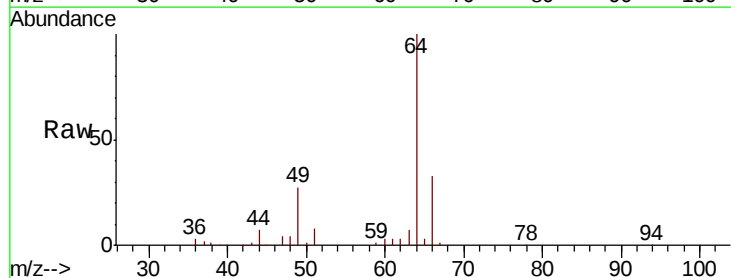
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#6
Chloroethane
Concen: 67.256 ug/l
RT: 1.69 min Scan# 161
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

Tgt Ion: 64 Resp: 48311
Ion Ratio Lower Upper
64 100
66 32.7 25.3 37.9





#7

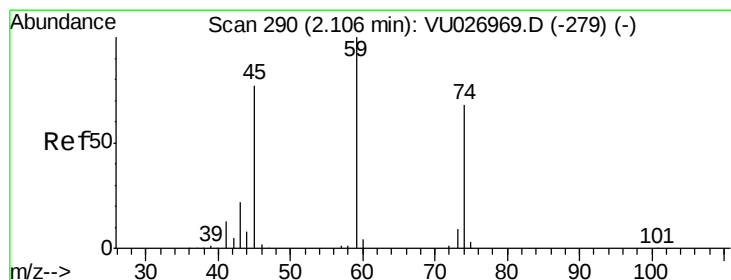
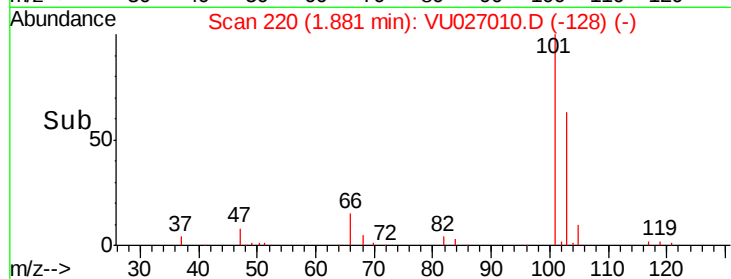
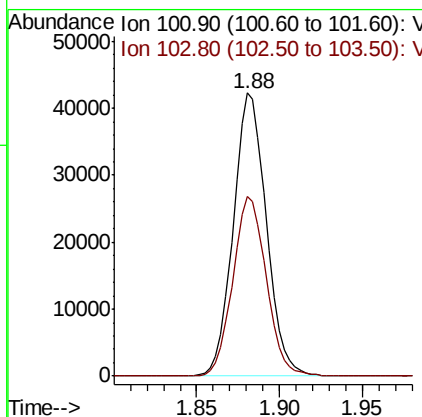
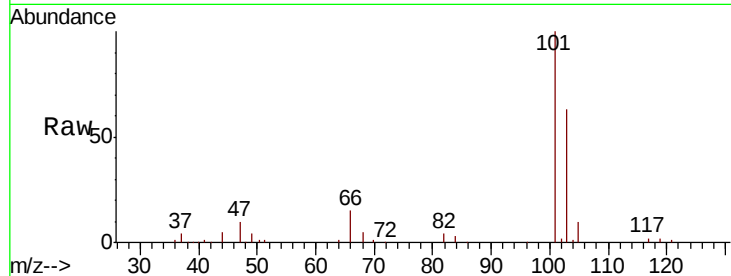
Trichlorofluoromethane
 Concen: 45.942 ug/l
 RT: 1.88 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VU027010.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	52.2	78.2

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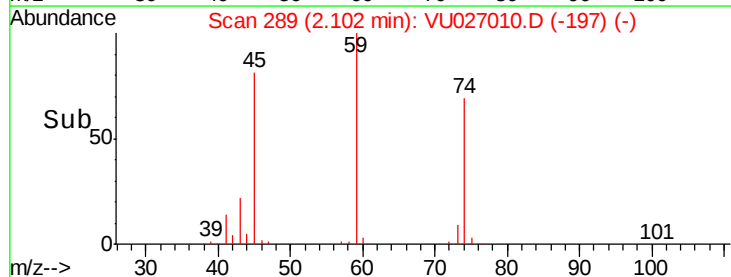
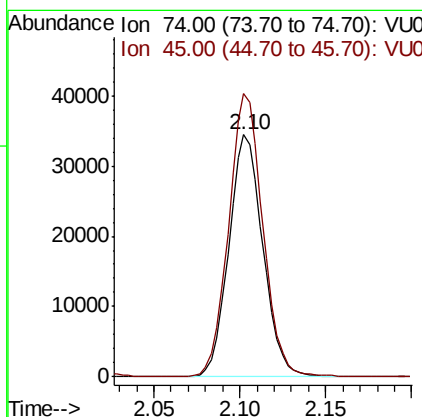
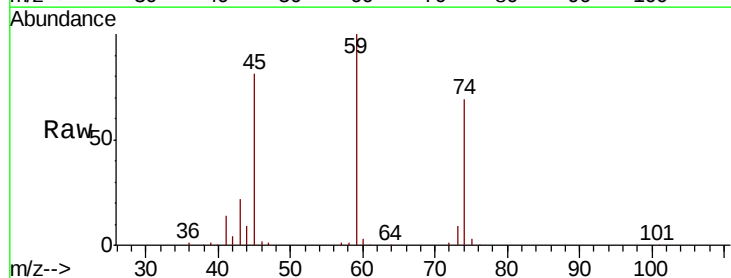
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#8

Diethyl Ether
 Concen: 77.230 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	117.9	56.9	170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 33.861 ug/l

RT: 2.28 min Scan# 345

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Instrument :

MSVOA_U

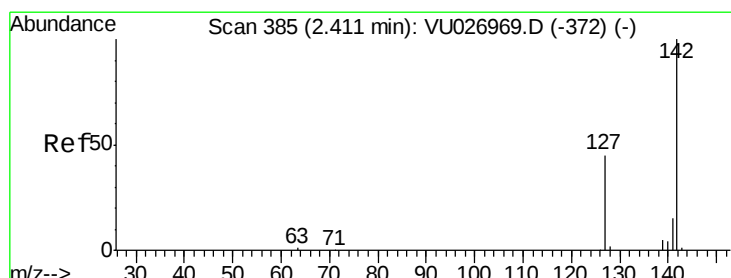
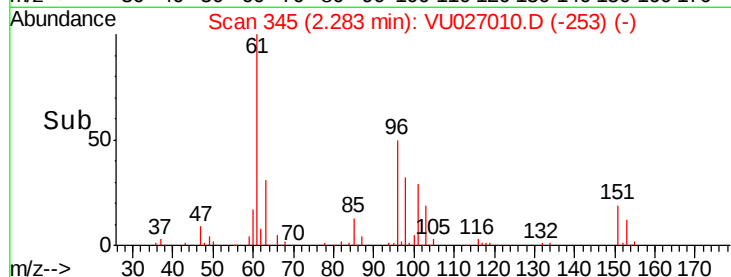
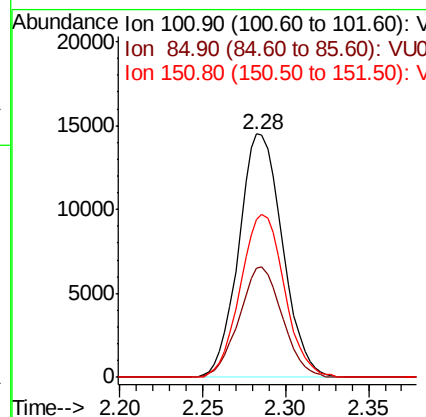
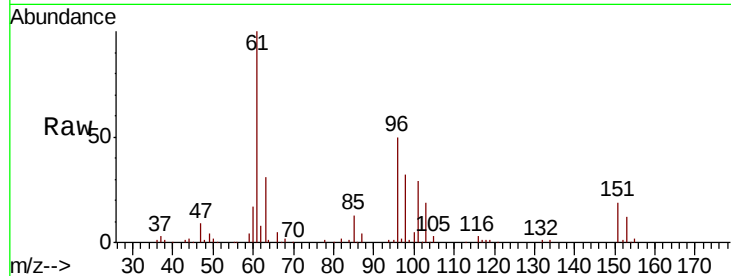
ClientSampleId :

BPSI-TT-MW308D-20180914MSD

Tot Ion:	101	Resp:	26584
Ion Ratio	Lower	Upper	
101	100		
85	44.7	36.2	54.2
151	67.4	54.5	81.7

Manual Integrations
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#10

Methyl Iodide

Concen: 55.876 ug/l

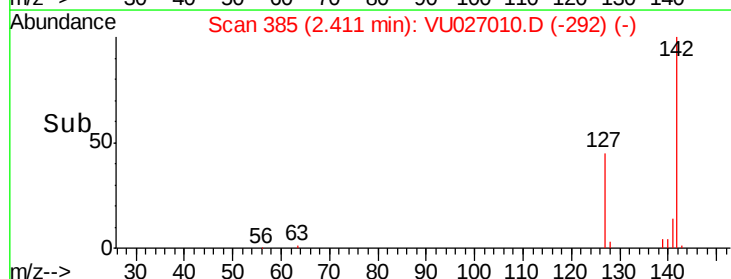
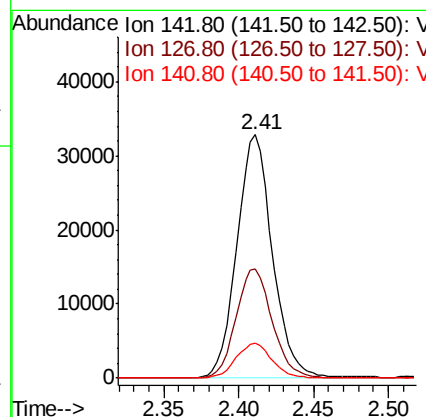
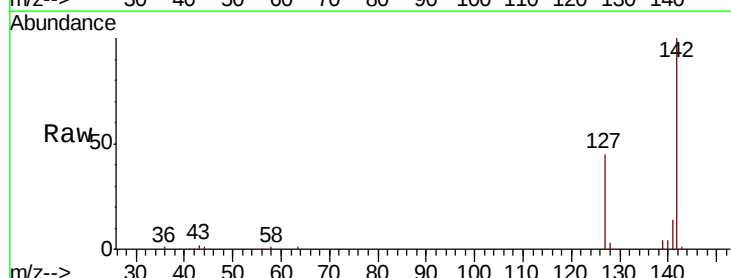
RT: 2.41 min Scan# 385

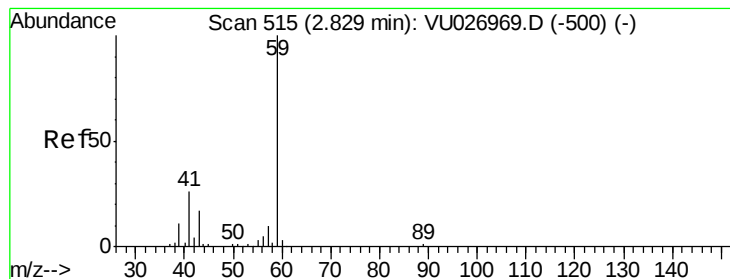
Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Tgt Ion:	142	Resp:	54407
Ion Ratio	Lower	Upper	
142	100		
127	45.6	36.7	55.1
141	14.6	11.8	17.6





#11

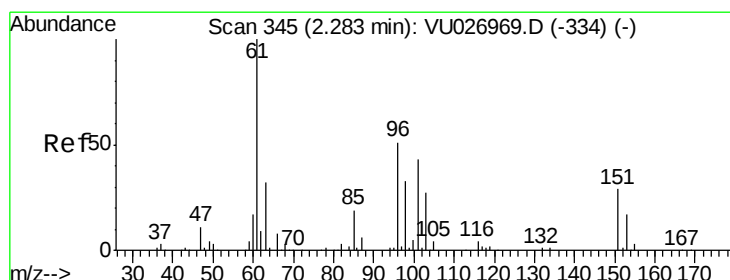
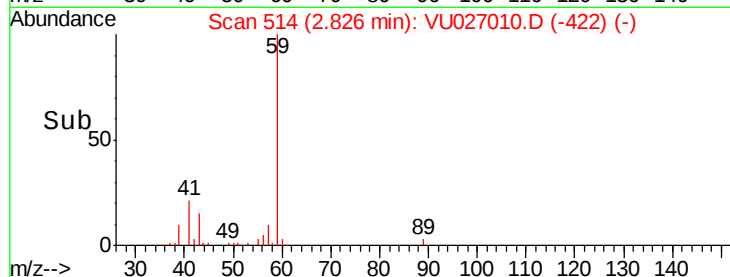
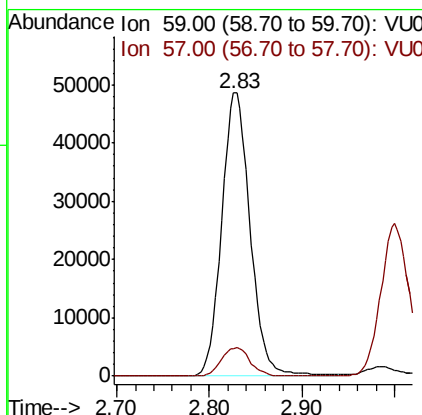
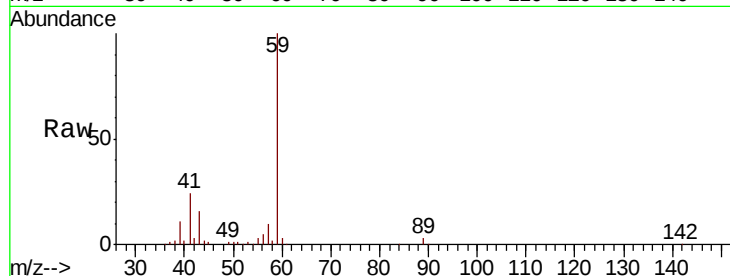
Tert butyl alcohol
 Concen: 418.639 ug/l
 RT: 2.83 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

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

Tot Ion	59	Resp	103328
Ion Ratio	100	Lower	Upper
57	10.2	8.5	12.7

Manual Integrations
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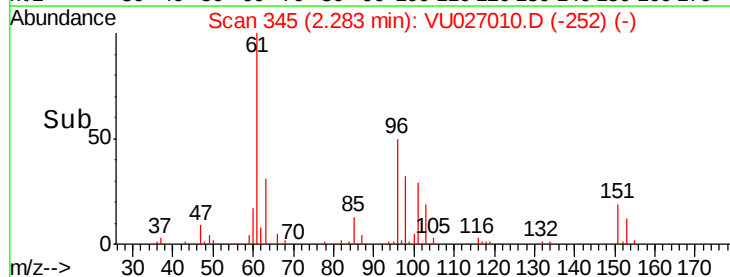
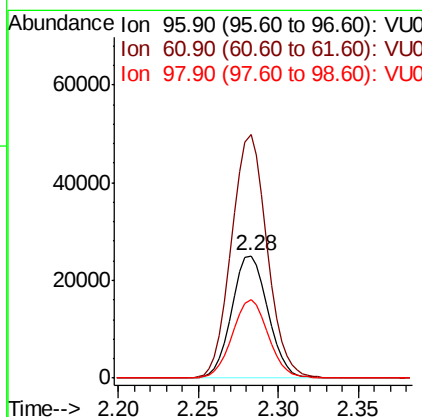
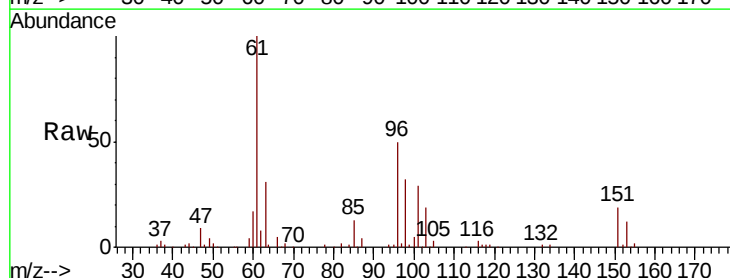
MMDadoda
 9/24/2018 2:14:19 PM

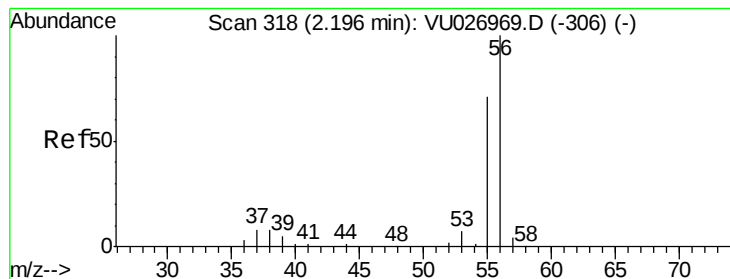


#12

1,1-Dichloroethene
 Concen: 52.194 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. -0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

Tgt Ion	96	Resp	38569
Ion Ratio	100	Lower	Upper
61	199.0	156.1	234.1
98	64.2	51.4	77.0





#13

Acrolein

Concen: 487.420 ug/l

RT: 2.19 min Scan# 317

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MSD

Tot Ion: 56 Resp: 64852

Ion Ratio Lower Upper

56 100

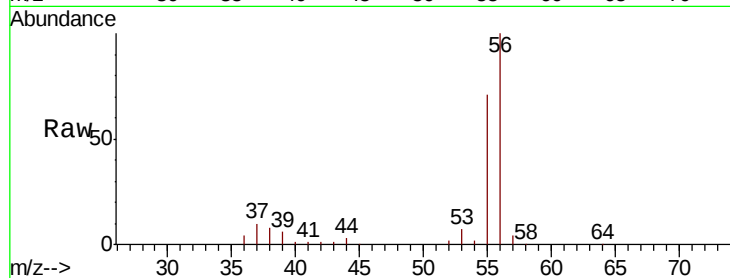
55 71.0 57.1 85.7

Manual Integrations

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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) (-)

2.19

40000

30000

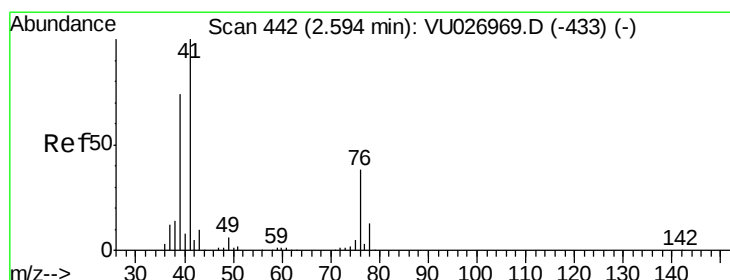
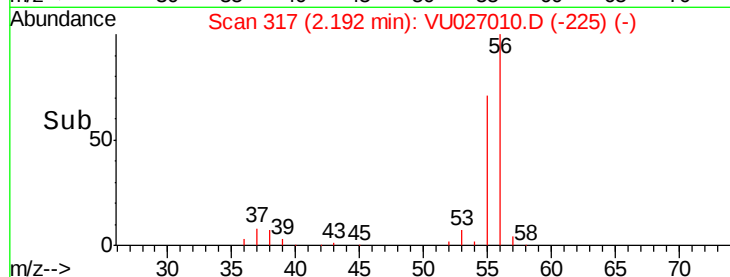
20000

10000

0

Time-->

2.15 2.20 2.25 2.30



#14

Allyl chloride

Concen: 61.632 ug/l

RT: 2.59 min Scan# 441

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

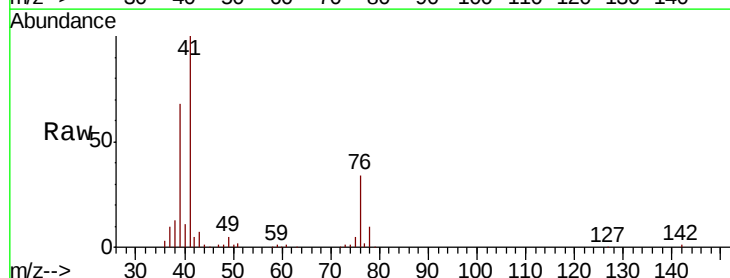
Tgt Ion: 41 Resp: 92372

Ion Ratio Lower Upper

41 100

39 70.1 55.7 83.5

76 31.7 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) (-)

2.59

60000

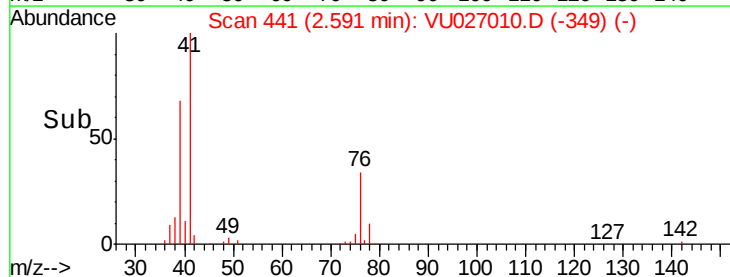
40000

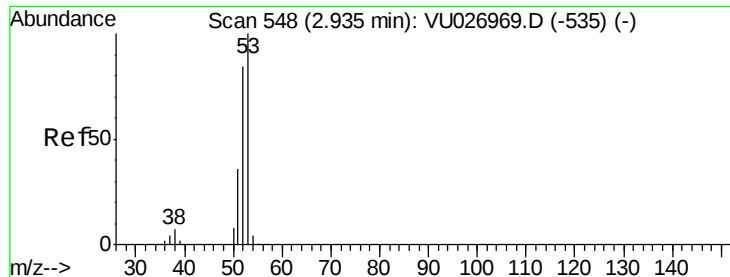
20000

0

Time-->

2.55 2.60 2.65





#15

Acrylonitrile

Concen: 403.753 ug/l

RT: 2.94 min Scan# 548

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Instrument :

MSVOA_U

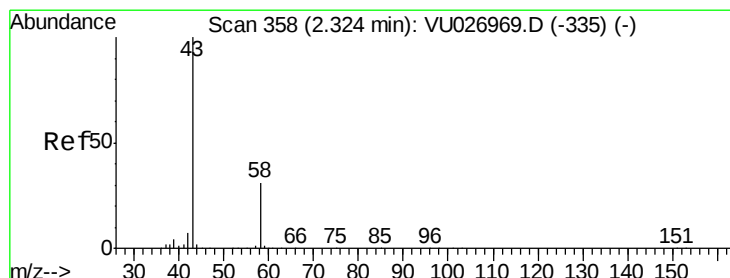
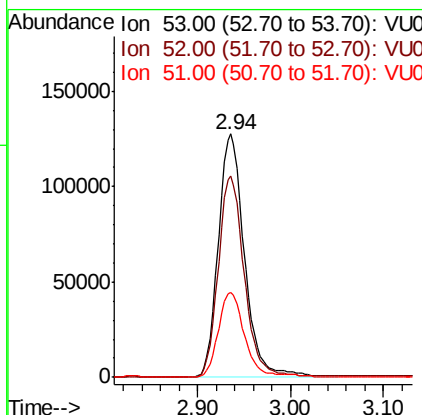
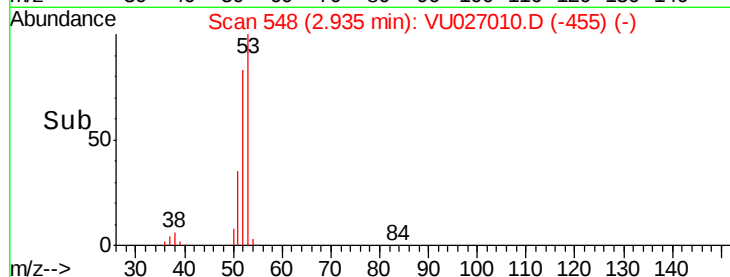
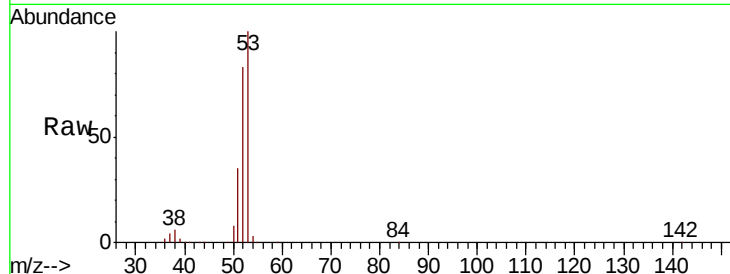
ClientSampleId :

BPSI-TT-MW308D-20180914MSD

Tot Ion:	53	Resp:	251166
Ion	Ratio	Lower	Upper
53	100		
52	82.2	65.7	98.5
51	35.7	27.4	41.2

Manual Integrations
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#16

Acetone

Concen: 413.698 ug/l

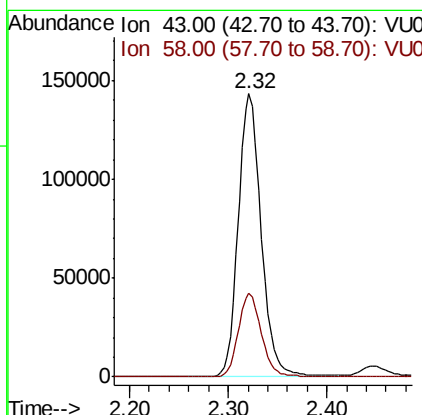
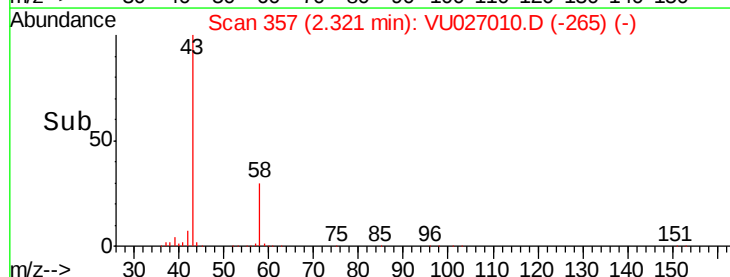
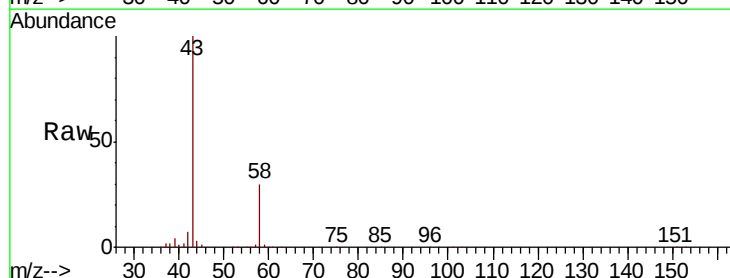
RT: 2.32 min Scan# 357

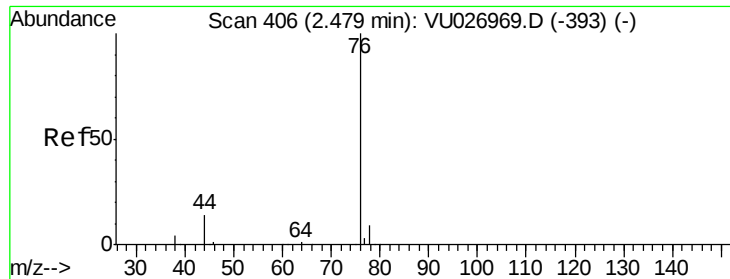
Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Tgt Ion:	43	Resp:	230424
Ion	Ratio	Lower	Upper
43	100		
58	29.6	24.6	36.8





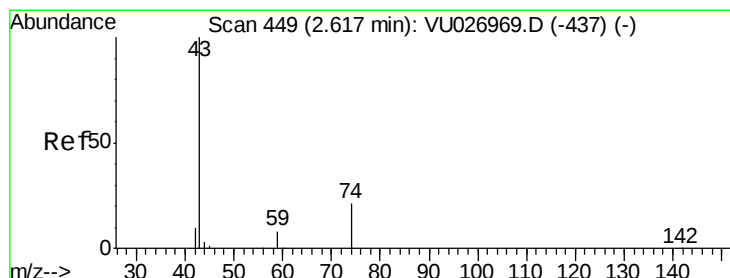
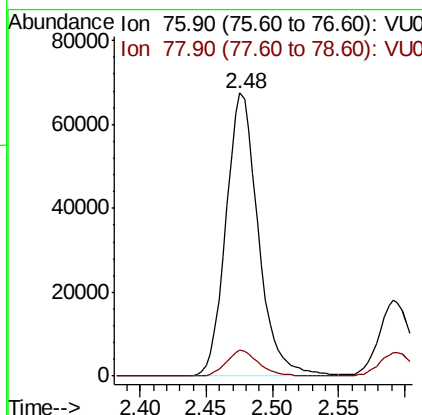
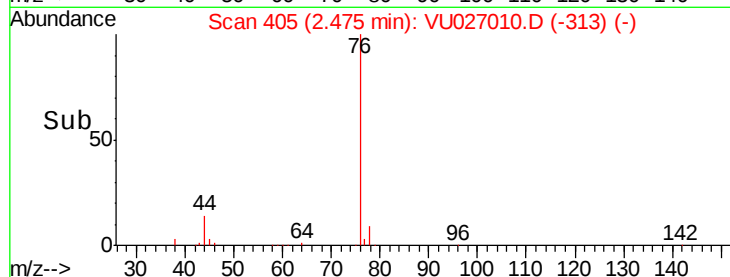
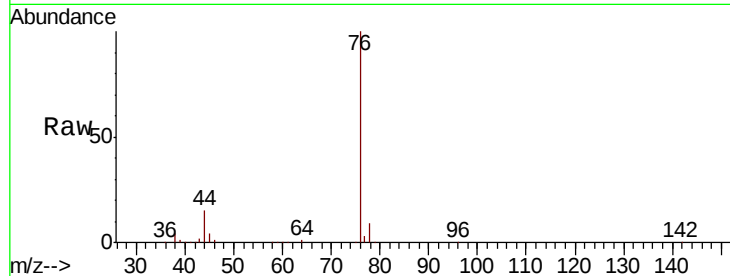
#17
Carbon Disulfide
Concen: 47.561 ug/l
RT: 2.48 min Scan# 405
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

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

Tot Ion: 76 Resp: 114491
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

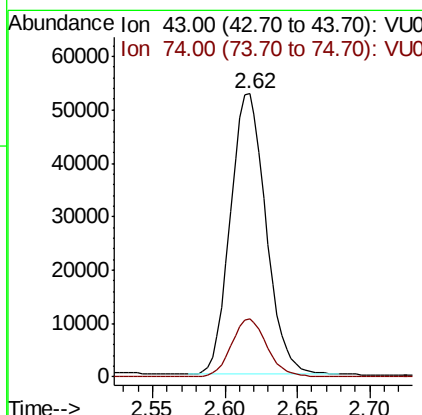
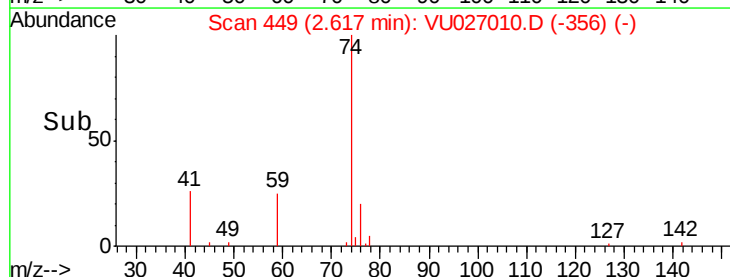
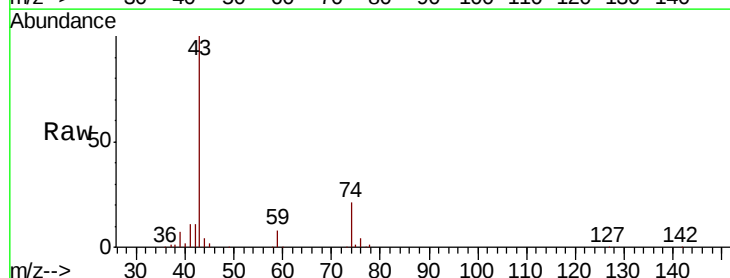
Manual Integrations
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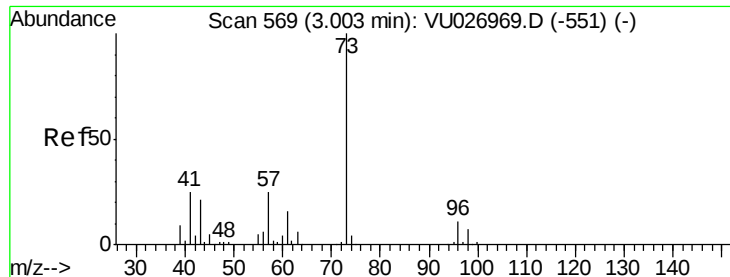
MMDadoda
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#18
Methyl Acetate
Concen: 58.652 ug/l
RT: 2.62 min Scan# 449
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

Tgt Ion: 43 Resp: 89895
Ion Ratio Lower Upper
43 100
74 20.7 16.6 25.0





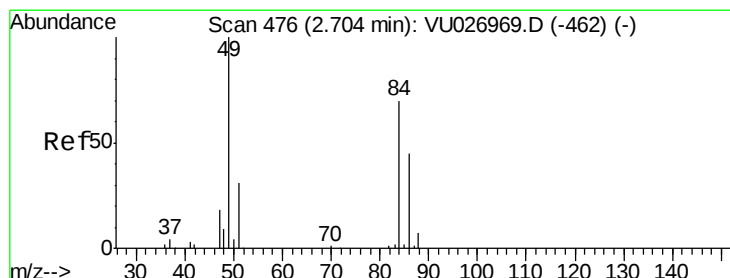
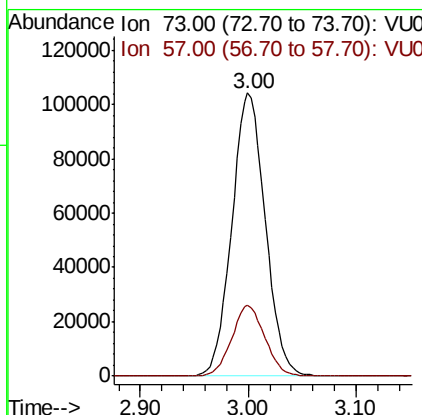
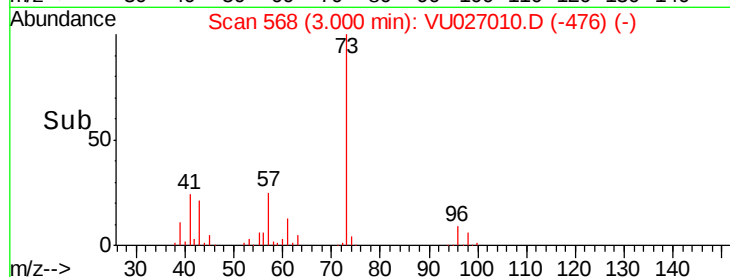
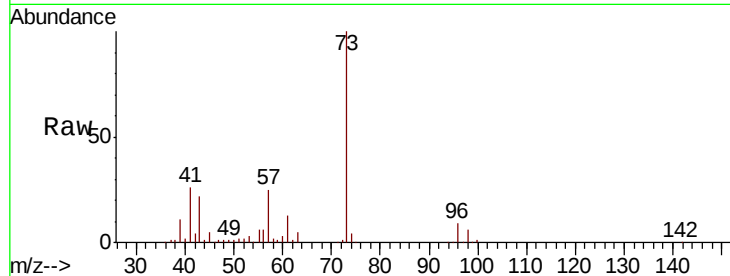
#19
Methyl tert-butyl Ether
Concen: 82.813 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

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

Tot Ion	Ratio	Lower	Upper
73	100		
57	25.2	19.8	29.6

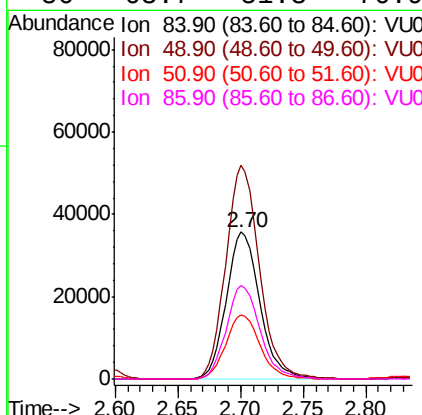
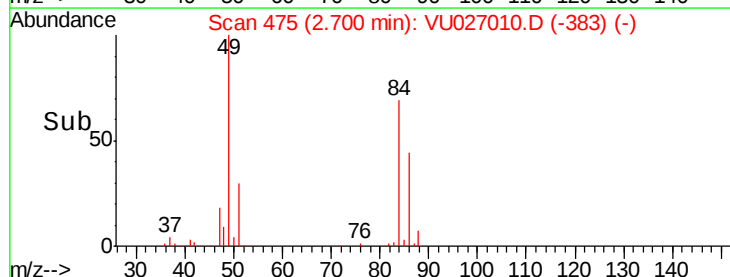
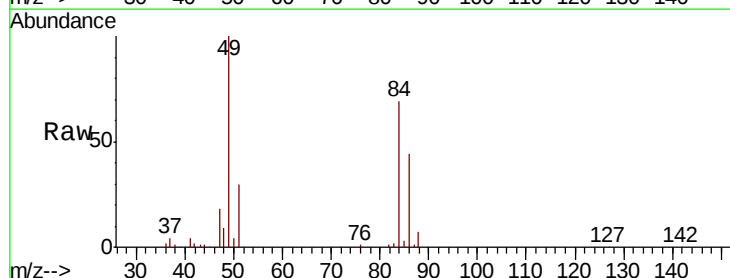
Manual Integrations
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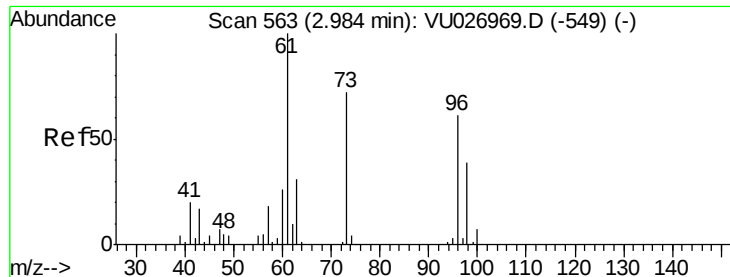
MMDadoda
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#20
Methylene Chloride
Concen: 68.641 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

Tgt Ion	Ratio	Lower	Upper
84	100		
49	145.6	114.9	172.3
51	43.9	35.8	53.8
86	63.7	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 58.834 ug/l

RT: 2.98 min Scan# 563

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MSD

Tot Ion: 96 Resp: 46418

Ion Ratio Lower Upper

96 100

61 162.3 131.8 197.6

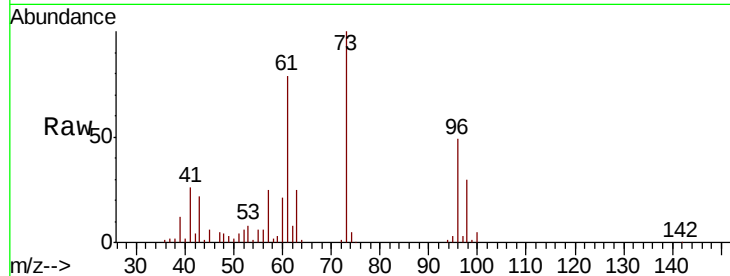
98 62.3 50.9 76.3

Manual Integrations

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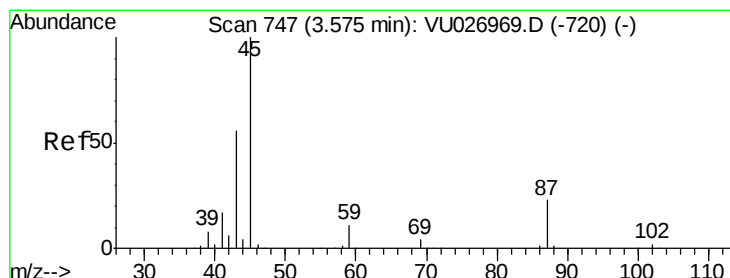
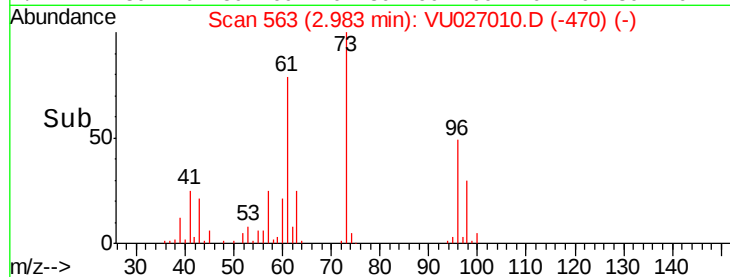
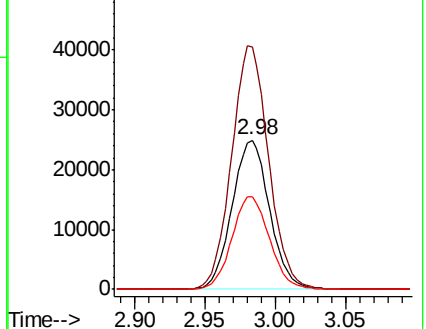
9/24/2018 2:14:19 PM



Abundance Ion 95.90 (95.60 to 96.60): VU027010.D (-470) (-)

Ion 60.90 (60.60 to 61.60): VU027010.D (-470) (-)

Ion 97.90 (97.60 to 98.60): VU027010.D (-470) (-)



#22

Diisopropyl ether

Concen: 81.139 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Tgt Ion: 45 Resp: 260110

Ion Ratio Lower Upper

45 100

43 55.2 45.8 68.6

87 21.9 18.6 28.0

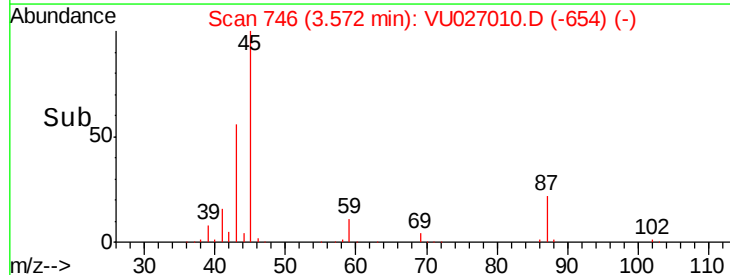
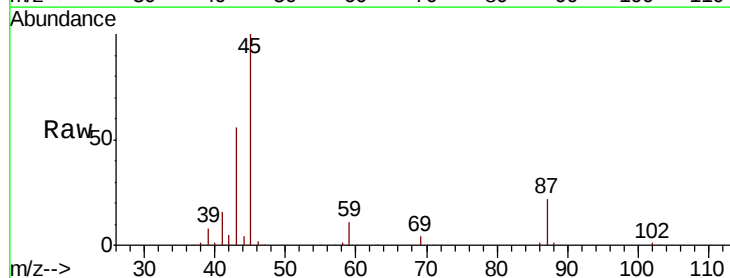
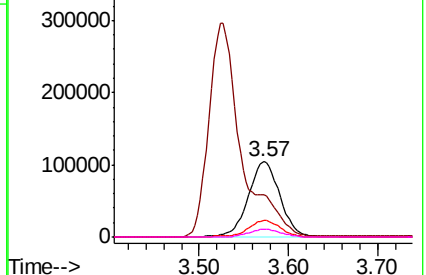
59 10.6 9.0 13.4

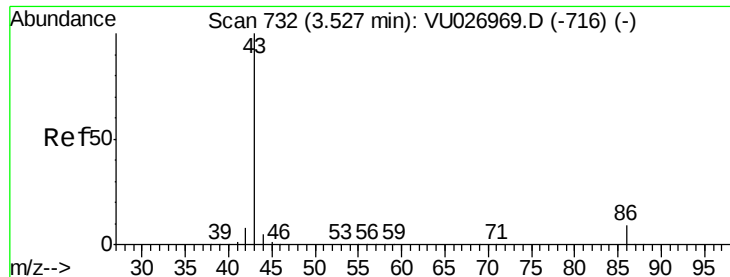
Abundance Ion 45.00 (44.70 to 45.70): VU027010.D (-654) (-)

Ion 43.00 (42.70 to 43.70): VU027010.D (-654) (-)

Ion 87.00 (86.70 to 87.70): VU027010.D (-654) (-)

Ion 59.00 (58.70 to 59.70): VU027010.D (-654) (-)





#23

Vinyl Acetate

Concen: 274.663 ug/l

RT: 3.53 min Scan# 732

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MSD

Tot Ion: 43 Resp: 750559

Ion Ratio Lower Upper

43 100

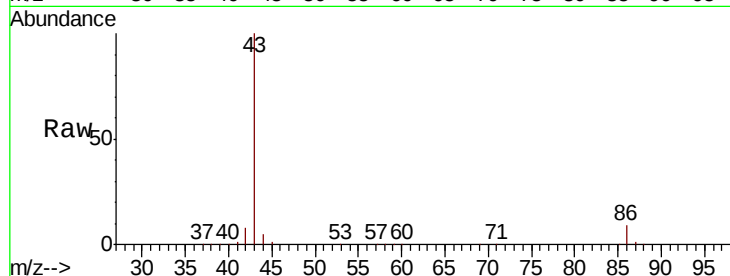
86 8.5 7.2 10.8

Manual Integrations

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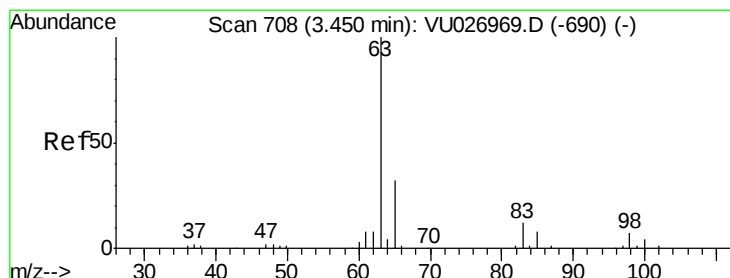
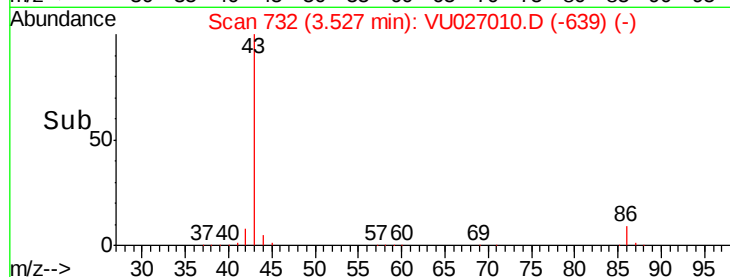
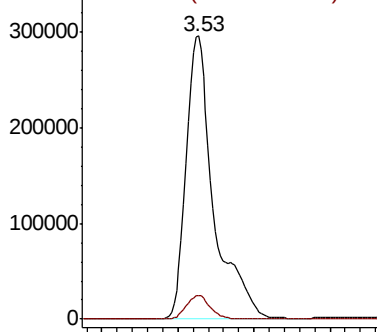
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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 69.603 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

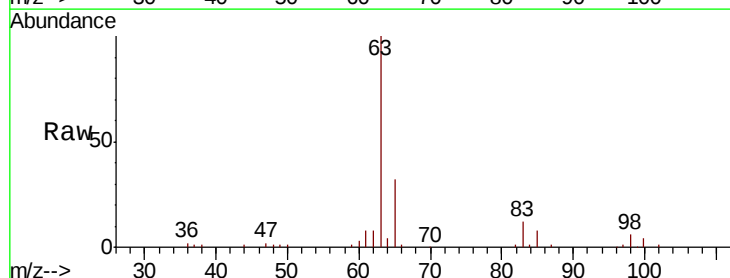
Tgt Ion: 63 Resp: 122892

Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.8

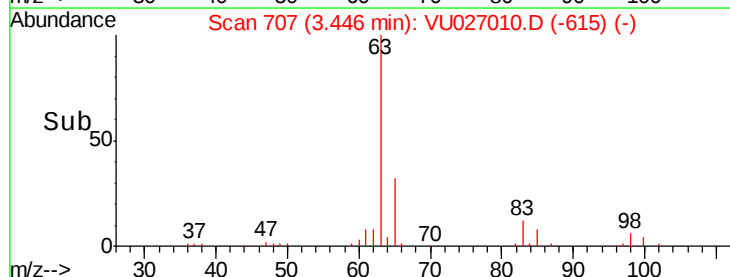
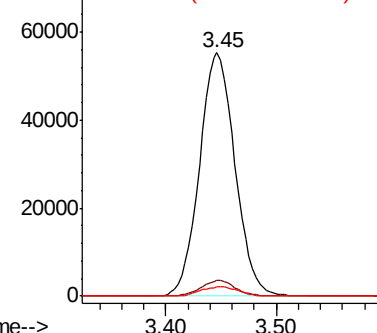
100 4.0 2.0 5.8

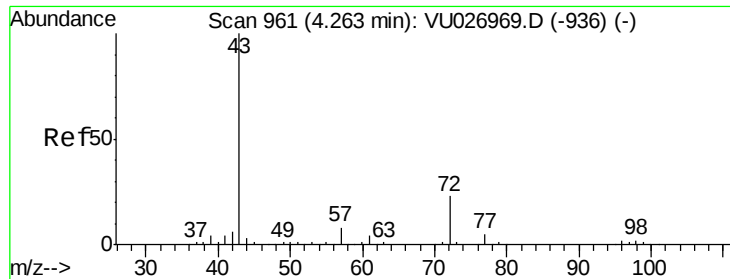


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0





#25

2-Butanone

Concen: 391.830 ug/l

RT: 4.26 min Scan# 961

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MSD

Tot Ion: 43 Resp: 354590

Ion Ratio Lower Upper

43 100

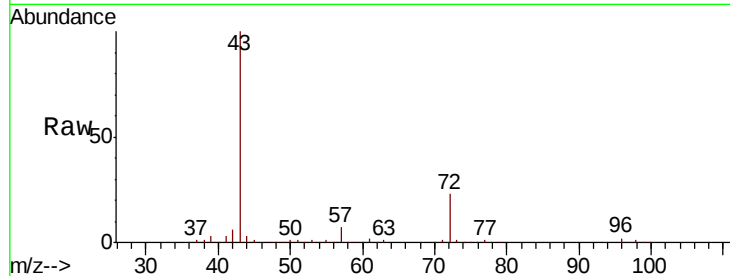
72 23.1 18.4 27.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VU027010.D (-868) (-)

Ion 72.00 (71.70 to 72.70): VU027010.D (-868) (-)

4.26

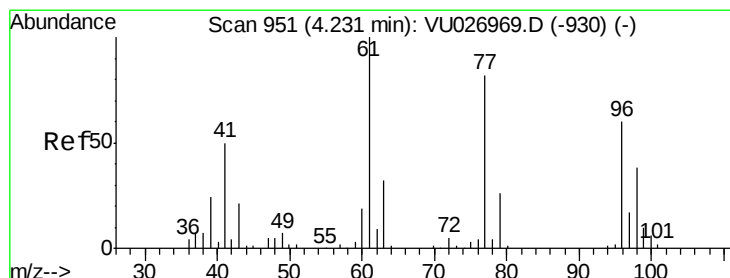
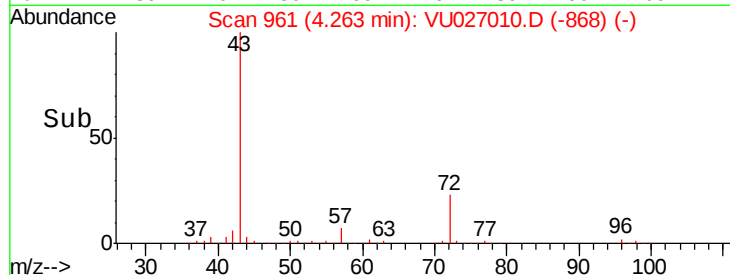
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 24.043 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027010.D

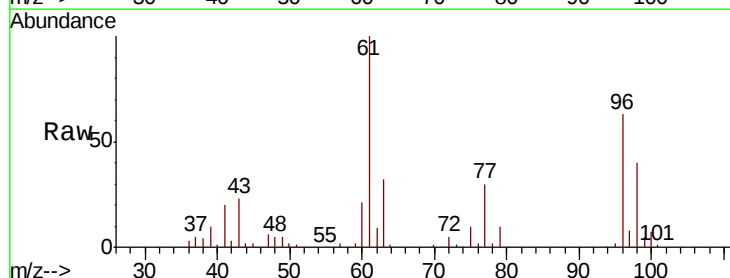
Acq: 22 Sep 2018 10:24

Tgt Ion: 77 Resp: 33106

Ion Ratio Lower Upper

77 100

97 24.6 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VU027010.D (-858) (-)

Ion 96.90 (96.60 to 97.60): VU027010.D (-858) (-)

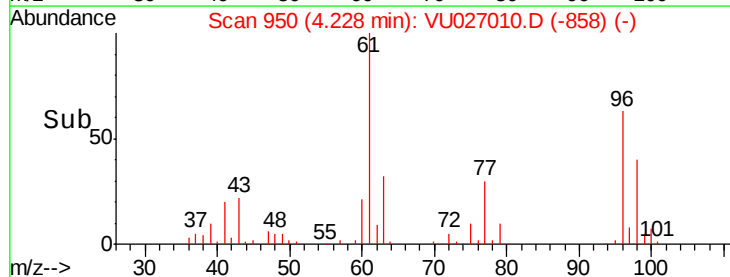
4.23

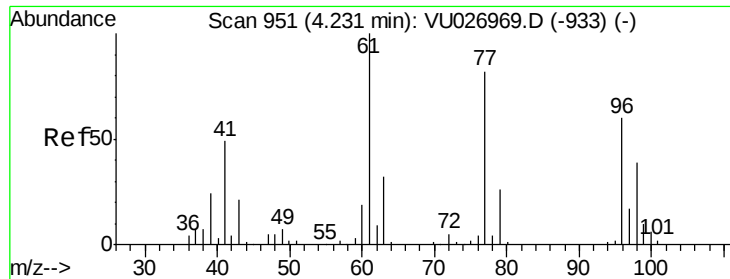
10000

5000

0

Time-->





#27

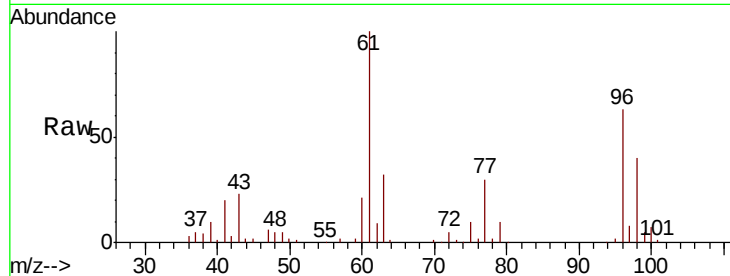
cis-1,2-Dichloroethene
Concen: 66.894 ug/l
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

Instrument :
MSVOA_U
ClientSampleID :
BPSI-TT-MW308D-20180914MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	159.6	0.0	337.2
98	64.1	0.0	127.6

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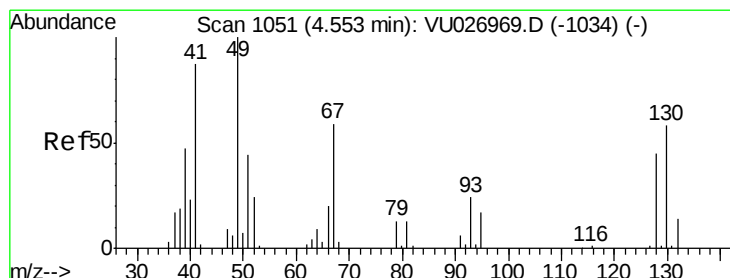
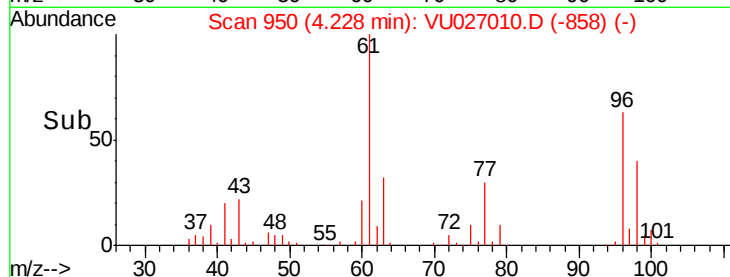
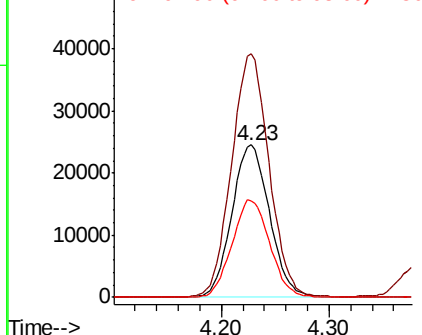


Abundance

Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

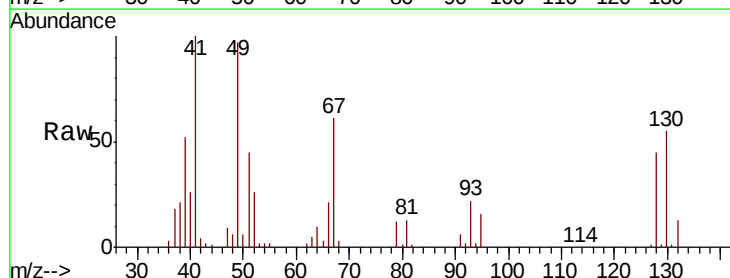
Ion 97.90 (97.60 to 98.60): VU0



#28

Bromochloromethane
Concen: 76.323 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.0
130	57.3	47.8	71.8

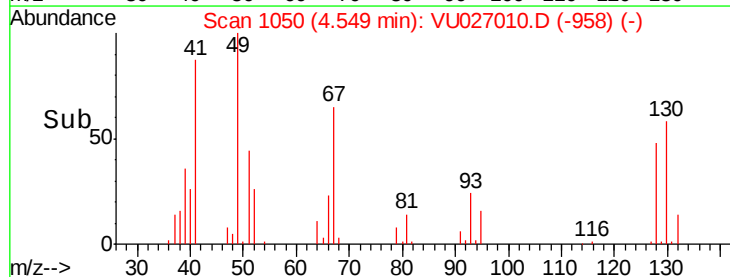
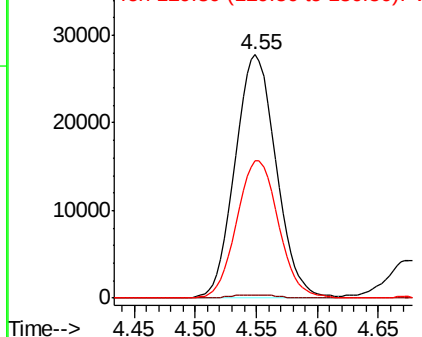


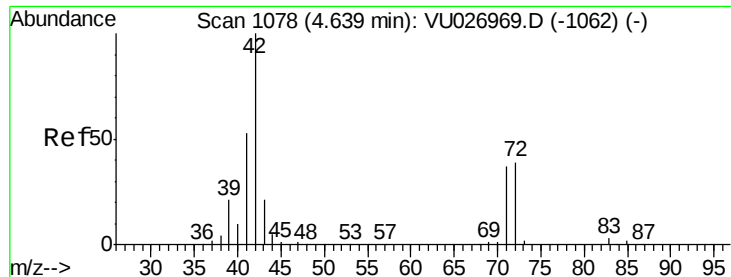
Abundance

Ion 48.90 (48.60 to 49.60): VU0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





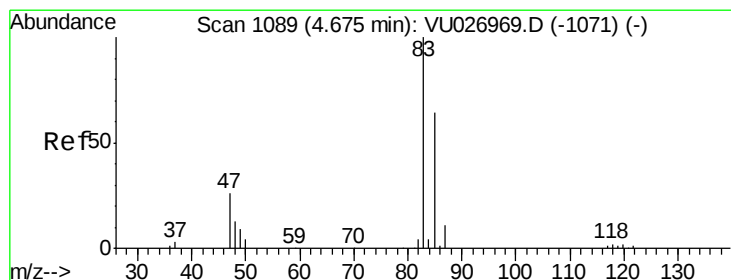
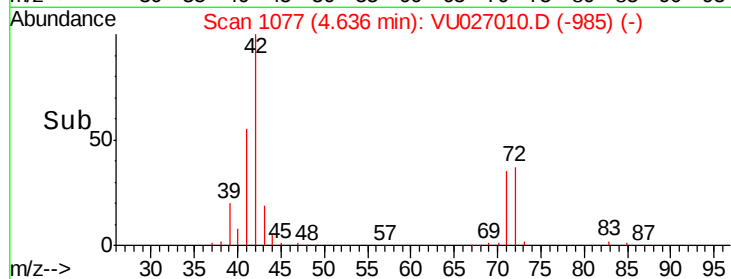
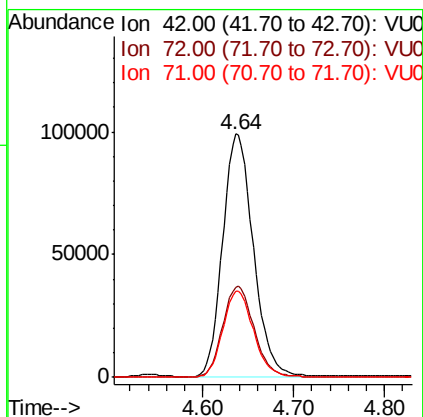
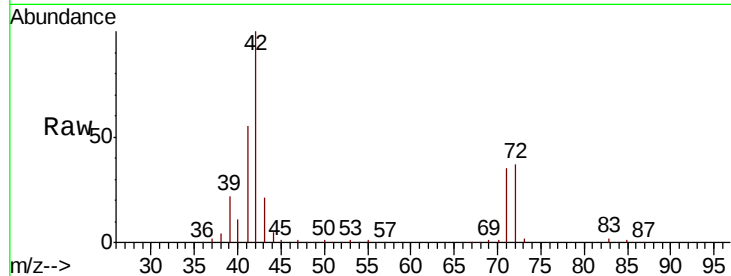
#29
Tetrahydrofuran
Concen: 424.015 ug/l
RT: 4.64 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

Instrument :
MSVOA_U
ClientSampleID :
BPSI-TT-MW308D-20180914MSD

Tot Ion:	42	Resp:	232123
Ion	Ratio	Lower	Upper
42	100		
72	38.3	31.7	47.5
71	35.7	29.6	44.4

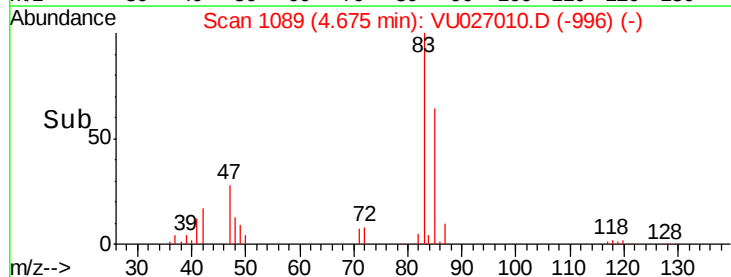
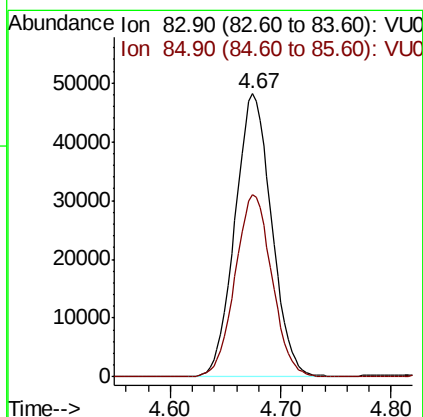
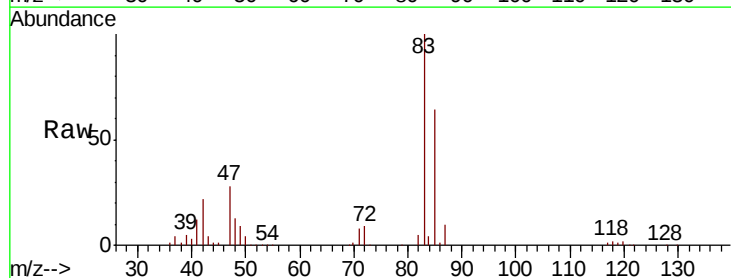
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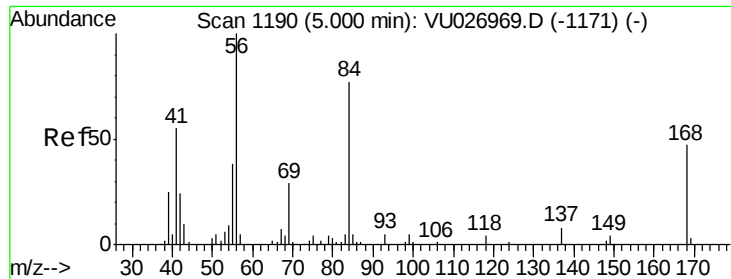
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#30
Chloroform
Concen: 67.606 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

Tgt Ion:	83	Resp:	110800
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.5	77.3





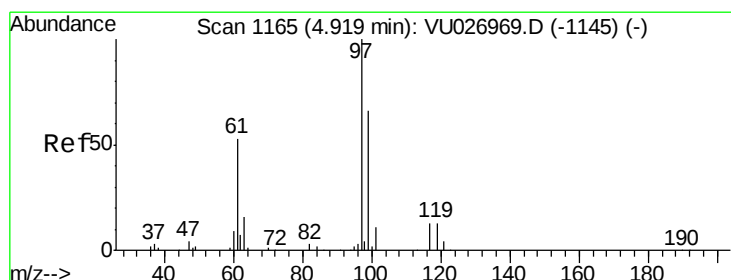
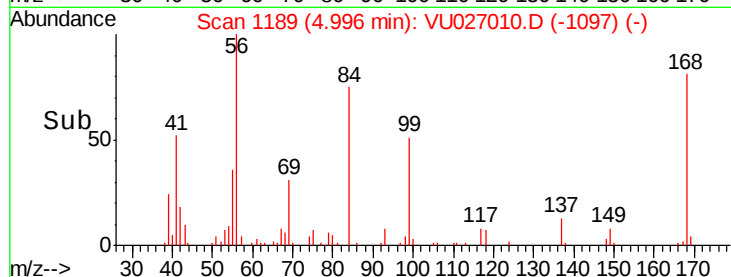
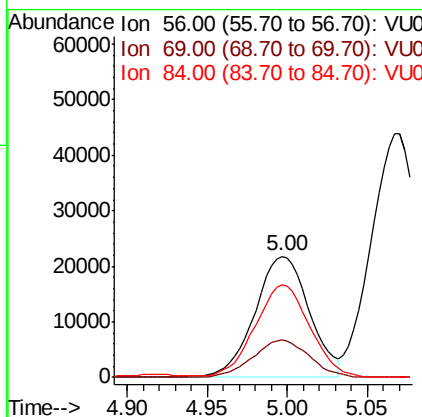
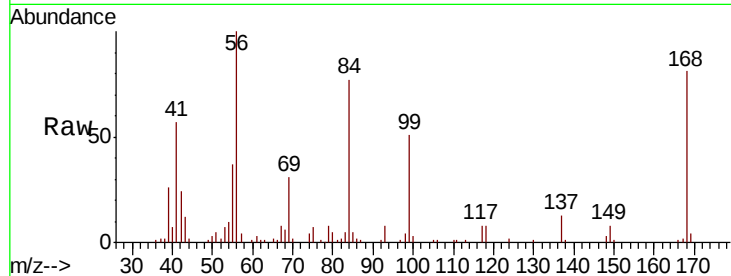
#31
Cyclohexane
Concen: 31.864 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

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

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.6	23.0	34.4
84	75.2	61.4	92.2

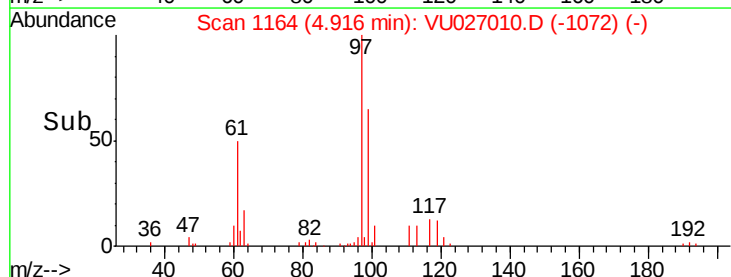
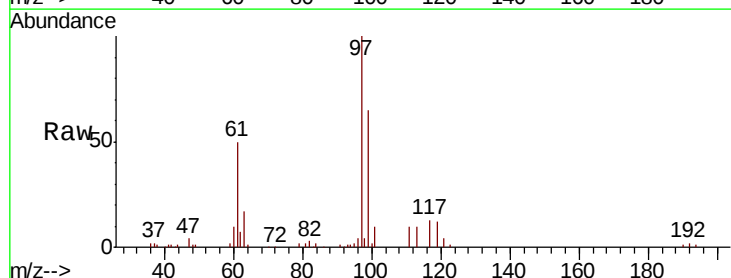
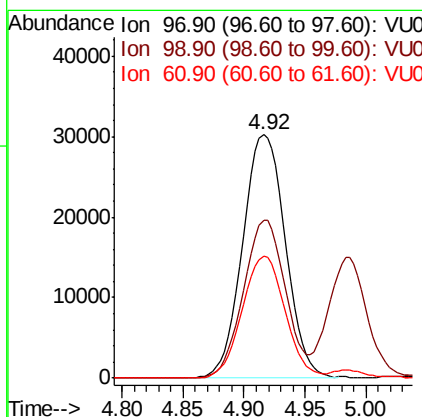
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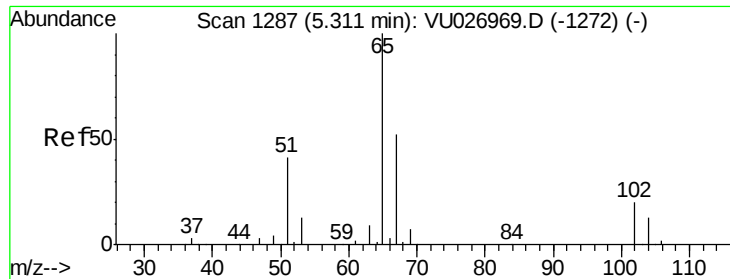
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#32
1,1,1-Trichloroethane
Concen: 56.178 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.8	77.6
61	50.5	41.1	61.7





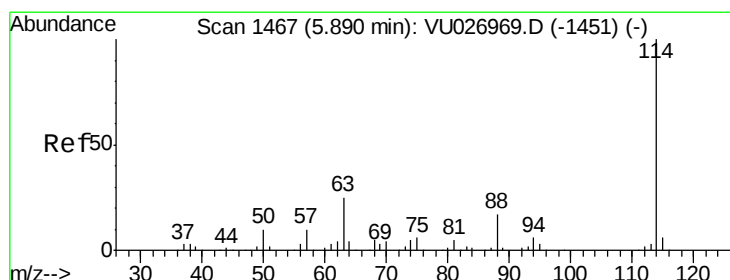
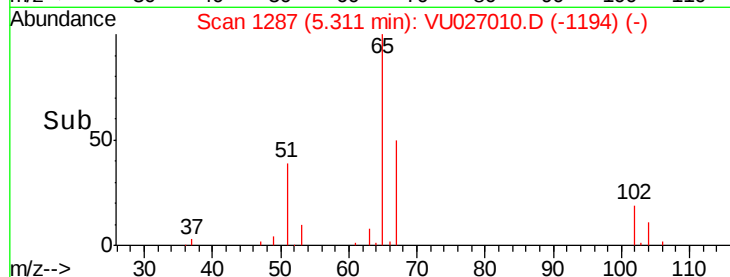
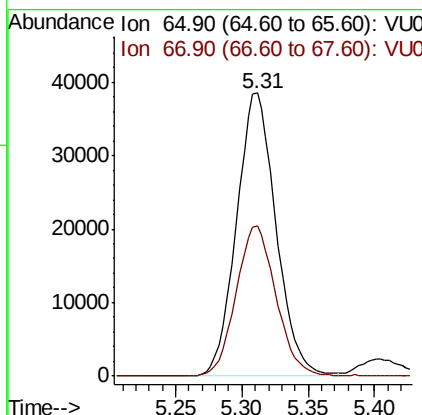
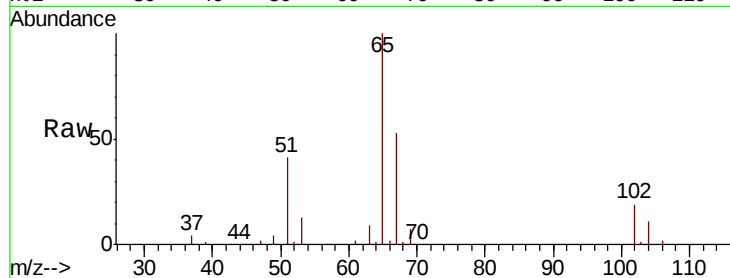
#33
 1,2-Dichloroethane-d4
 Concen: 74.100 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

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

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	105.6

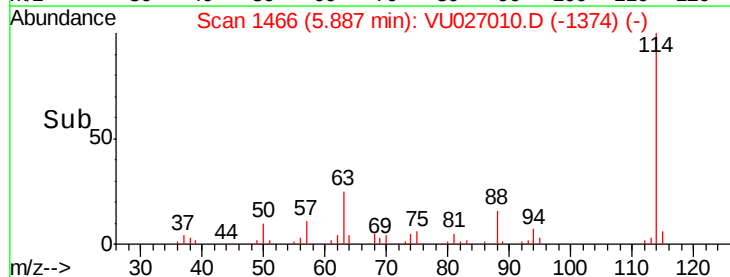
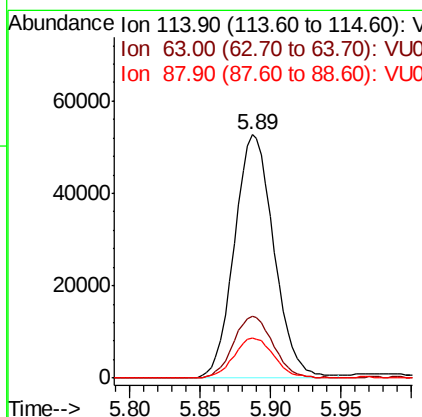
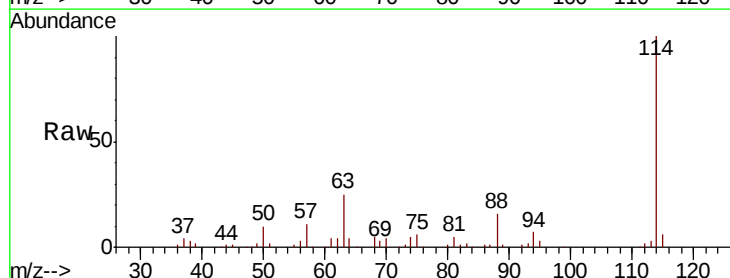
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.3	0.0	49.2
88	16.4	0.0	33.8





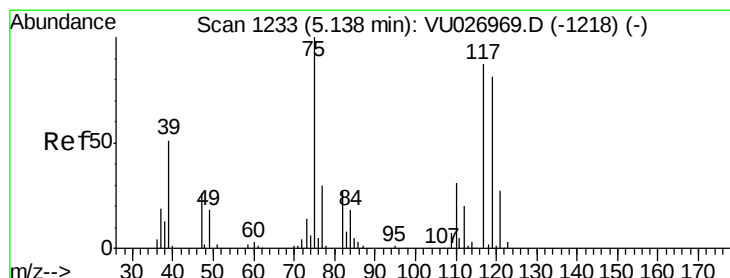
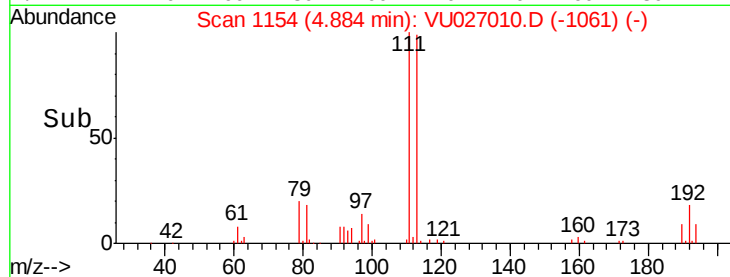
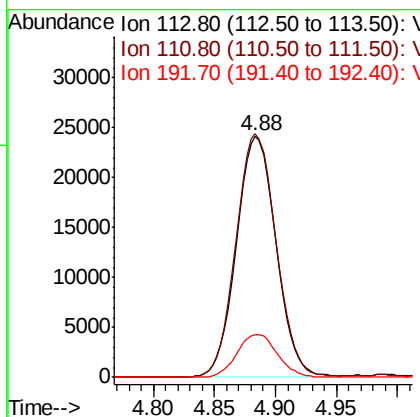
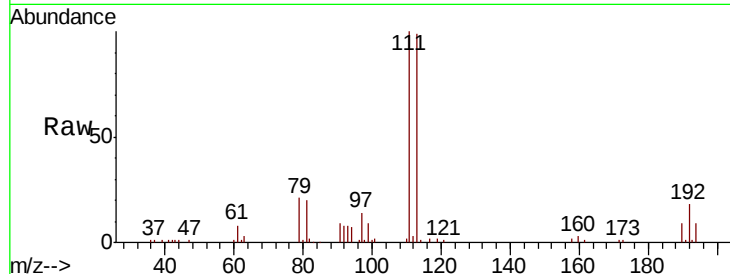
#35
 Dibromofluoromethane
 Concen: 60.751 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

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

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.4	82.2	123.4	
192	18.1	15.2	22.8	

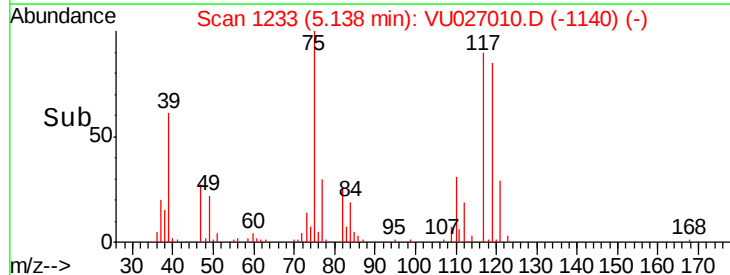
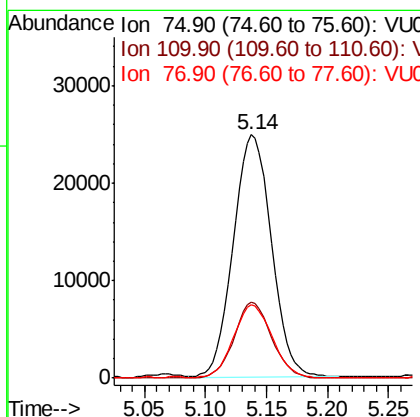
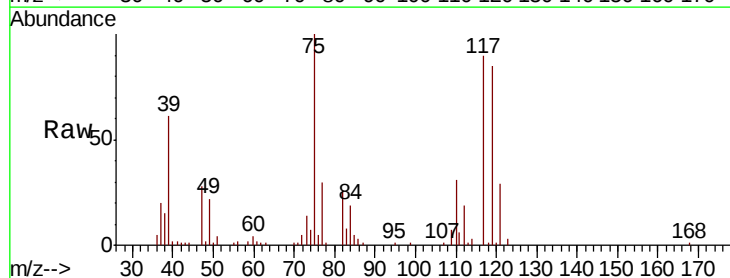
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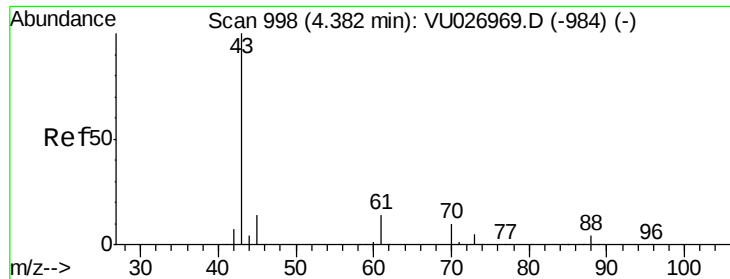
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 38.964 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	30.6	16.1	48.2	
77	30.7	24.6	36.8	





#37

Ethyl Acetate

Concen: 49.590 ug/l

RT: 4.38 min Scan# 998

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Instrument :

MSVOA_U

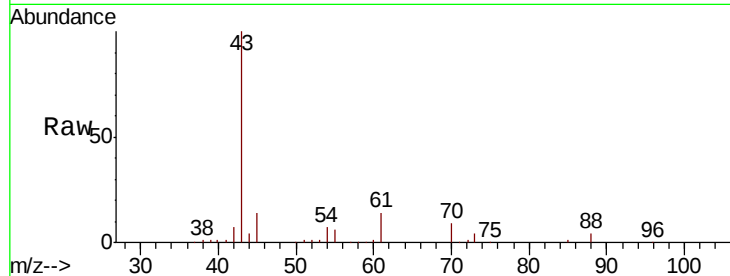
ClientSampleId :

BPSI-TT-MW308D-20180914MSD

Tot Ion:	43	Resp:	92758
Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.5	15.7
70	8.7	7.4	11.0

Manual Integrations
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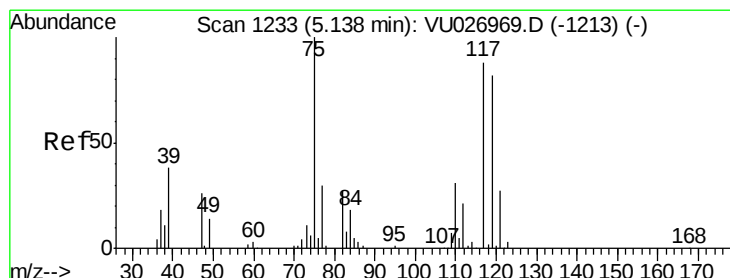
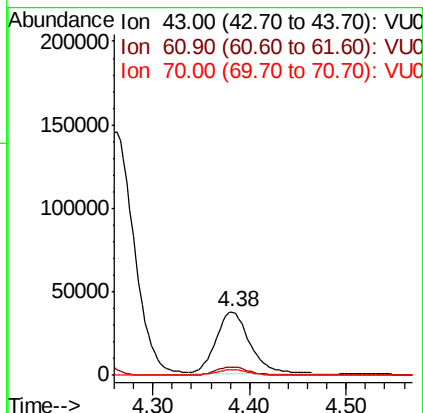
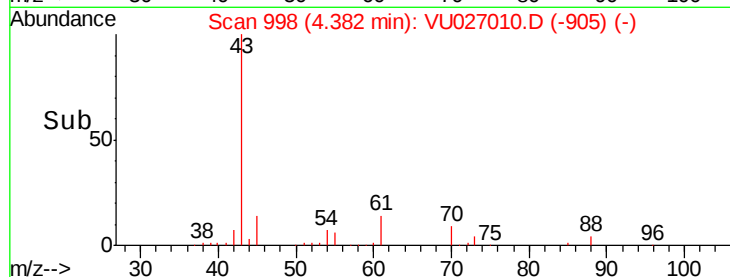


Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-984) (-)

Ion 60.90 (60.60 to 61.60): VU026969.D (-984) (-)

Ion 70.00 (69.70 to 70.70): VU026969.D (-984) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 39.836 ug/l

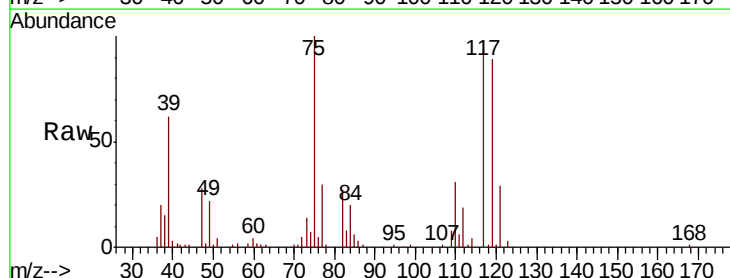
RT: 5.13 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Tgt Ion:	117	Resp:	52380
Ion	Ratio	Lower	Upper
117	100		
119	95.5	74.4	111.6
121	31.2	24.2	36.4

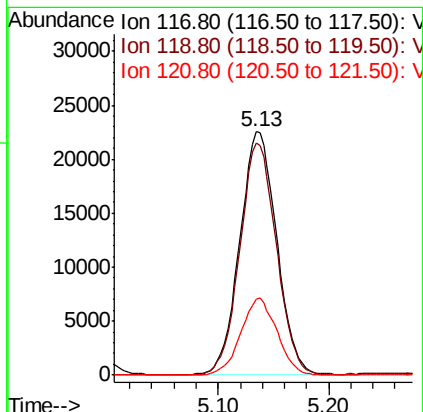
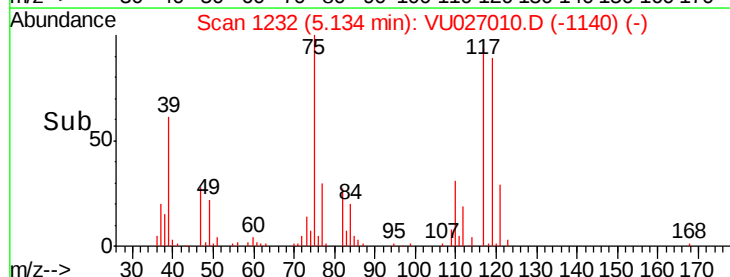


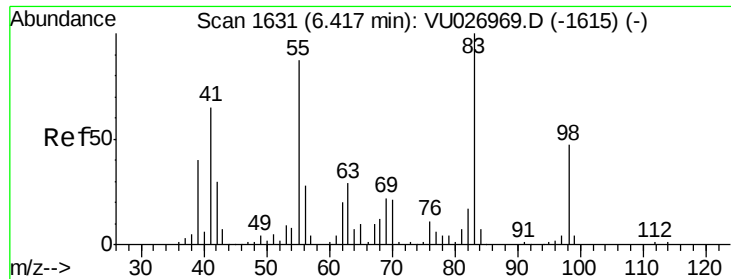
Abundance Ion 116.80 (116.50 to 117.50): VU026969.D (-1213) (-)

Ion 118.80 (118.50 to 119.50): VU026969.D (-1213) (-)

Ion 120.80 (120.50 to 121.50): VU026969.D (-1213) (-)

Time-->





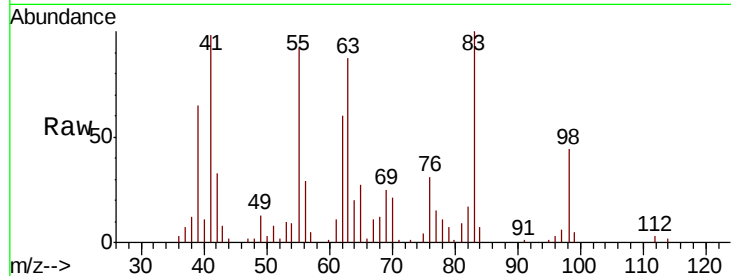
#39
Methylvlcyclohexane
Concen: 24.102 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

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

Tot Ion	Ratio	Lower	Upper
83	100		
55	91.8	69.9	104.9
98	44.3	37.5	56.3

Manual Integrations
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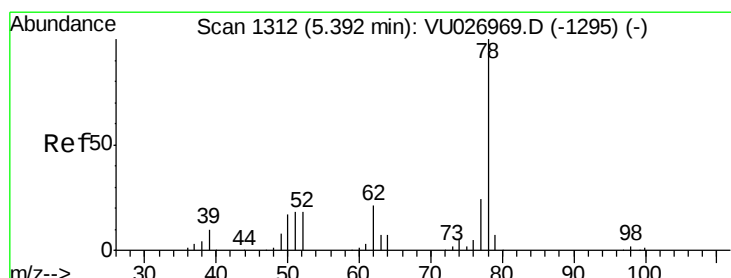
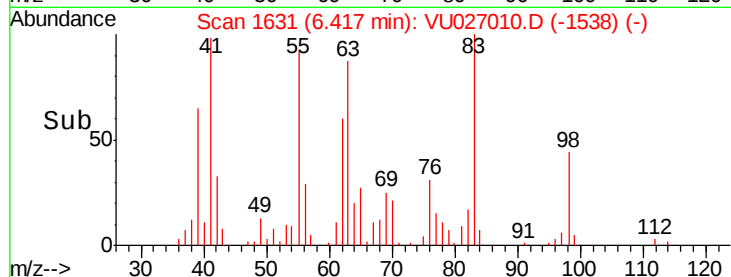
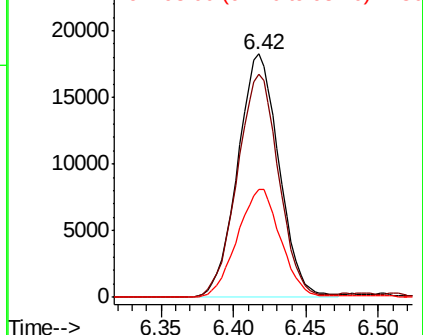


Abundance

Ion 83.00 (82.70 to 83.70): VU026969.D (-1615) (-)

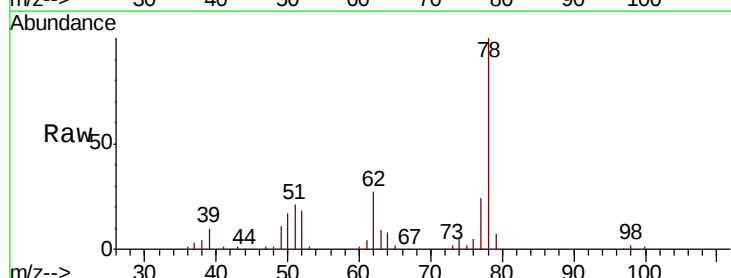
Ion 55.00 (54.70 to 55.70): VU026969.D (-1615) (-)

Ion 98.00 (97.70 to 98.70): VU026969.D (-1615) (-)



#40
Benzene
Concen: 53.653 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

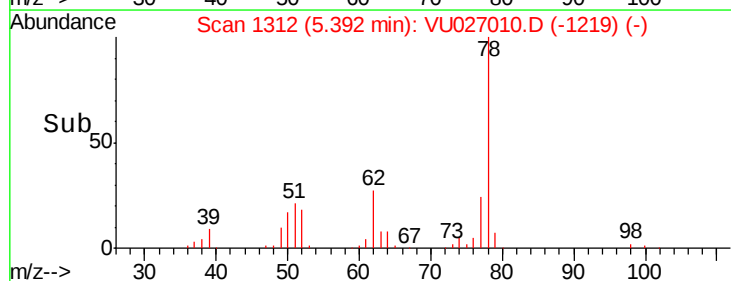
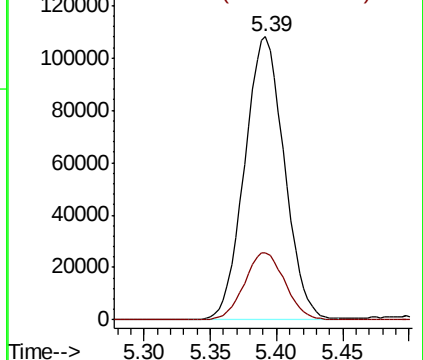
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.4	29.0



Abundance

Ion 78.00 (77.70 to 78.70): VU026969.D (-1295) (-)

Ion 77.00 (76.70 to 77.70): VU026969.D (-1295) (-)





#41

Methacrylonitrile

Concen: 75.210 ug/l

RT: 4.54 min Scan# 1048

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Instrument :

MSVOA_U

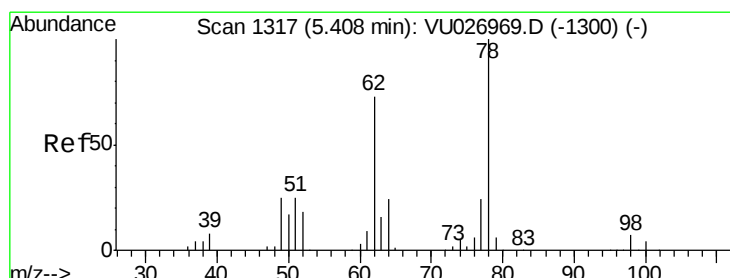
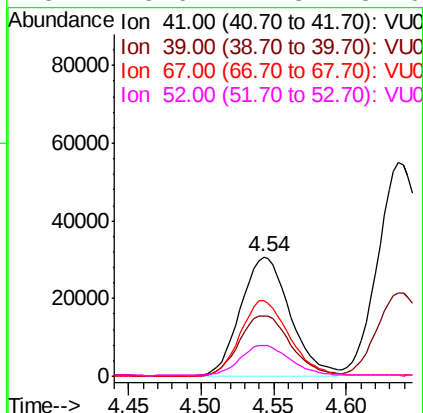
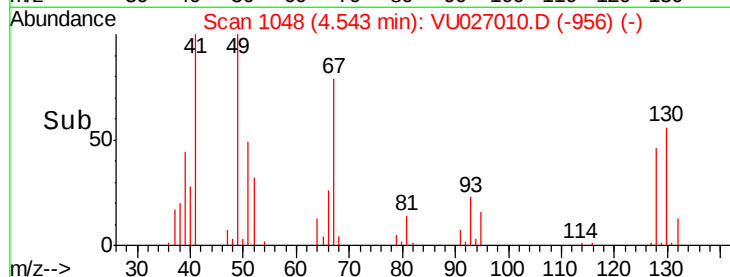
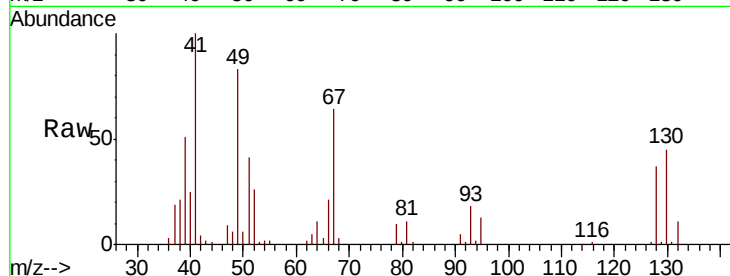
ClientSampleId :

BPSI-TT-MW308D-20180914MSD

Tot Ion:	41	Resp:	73061
Ion	Ratio	Lower	Upper
41	100		
39	51.9	42.9	64.3
67	62.8	52.4	78.6
52	25.6	21.3	31.9

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 64.856 ug/l

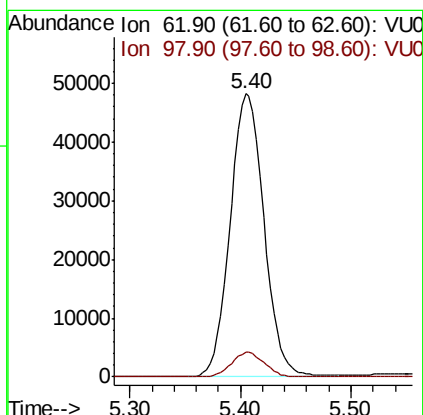
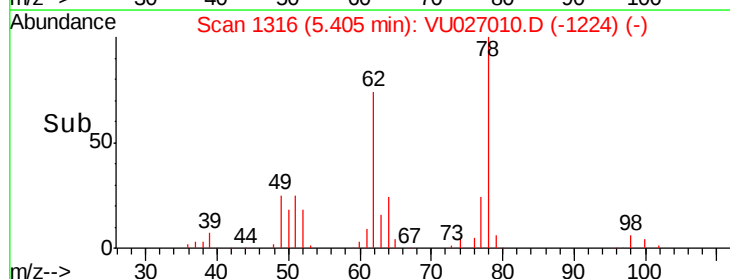
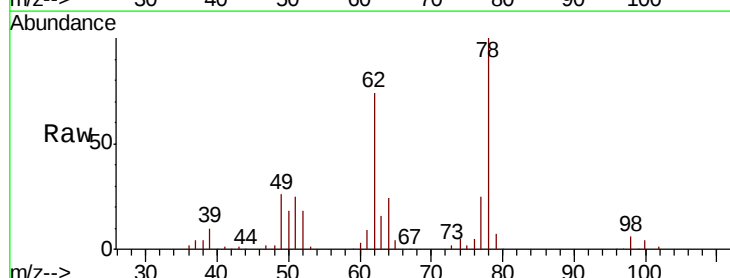
RT: 5.40 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Tgt Ion:	62	Resp:	102926
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.0





#43

Isopropyl Acetate

Concen: 58.246 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Instrument :

MSVOA_U

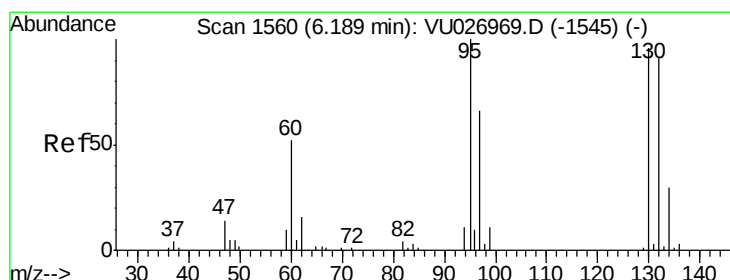
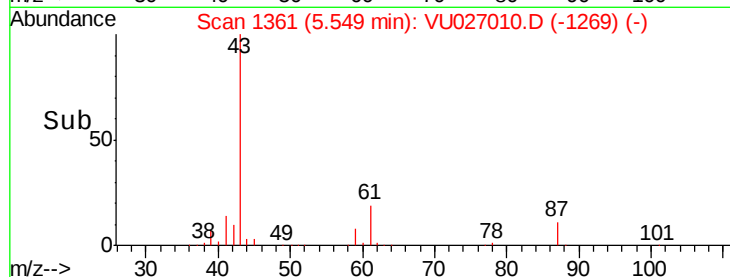
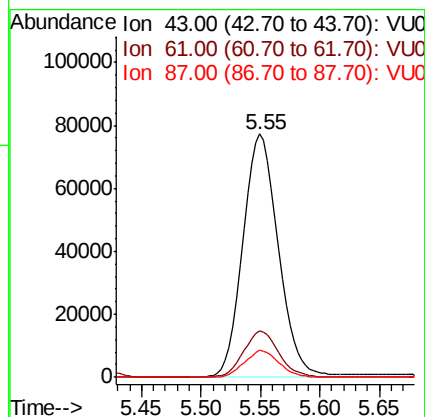
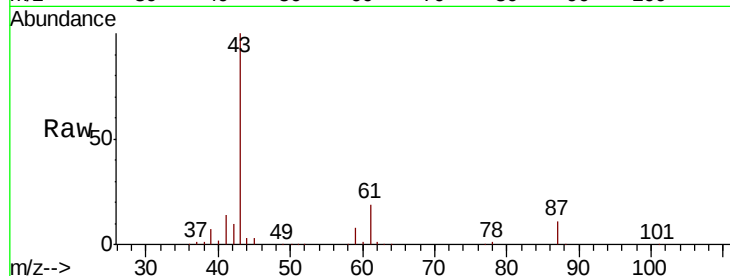
ClientSampleID :

BPSI-TT-MW308D-20180914MSD

Tot Ion:	43	Resp:	158889
Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.7	23.5
87	10.9	9.0	13.4

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#44

Trichloroethene

Concen: 44.657 ug/l

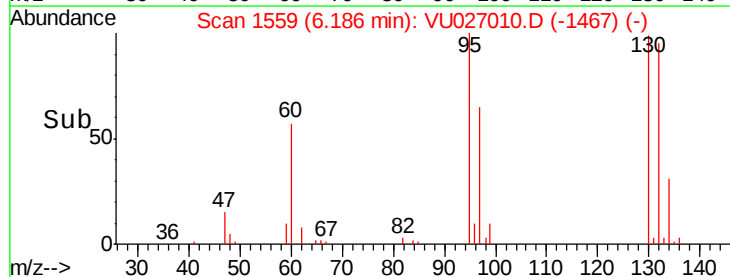
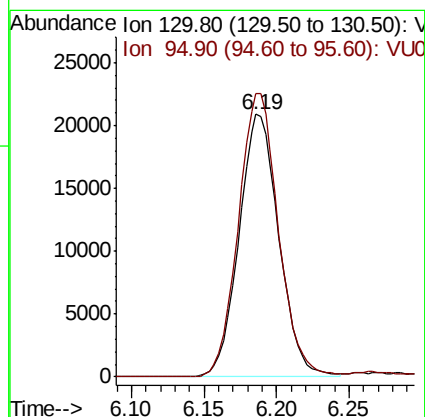
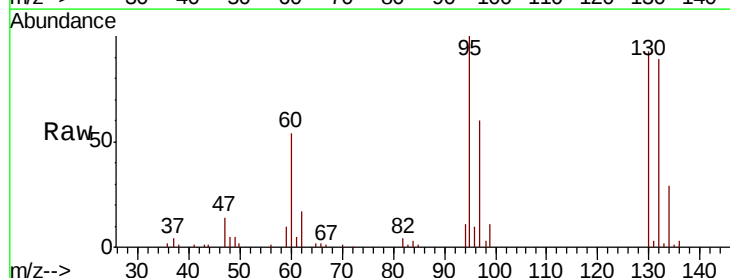
RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Tgt Ion:	130	Resp:	39934
Ion	Ratio	Lower	Upper
130	100		
95	107.9	0.0	208.8





#45

1,2-Dichloropropane

Concen: 60.583 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MSD

Tot Ion: 63 Resp: 72508

Ion Ratio Lower Upper

63 100

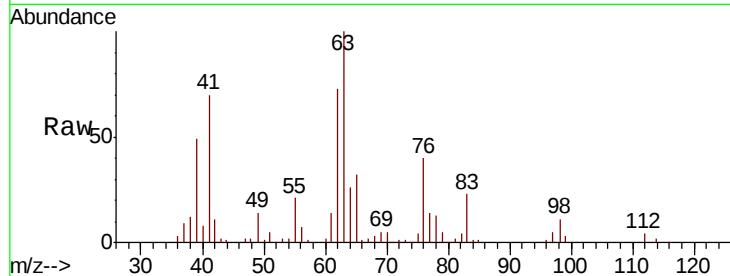
65 32.1 24.3 36.5

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Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0

6.43

40000

30000

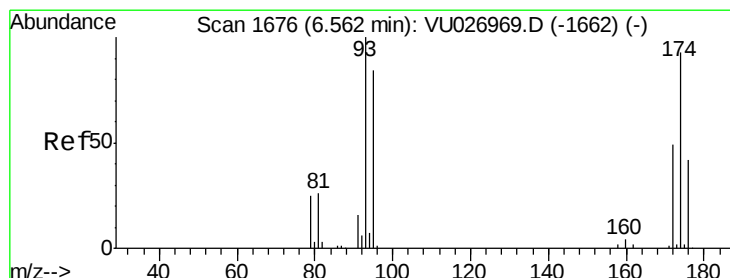
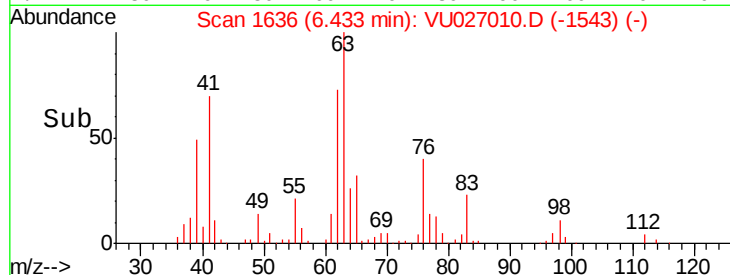
20000

10000

0

6.35 6.40 6.45 6.50

Time-->



#46

Dibromomethane

Concen: 63.255 ug/l

RT: 6.56 min Scan# 1676

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

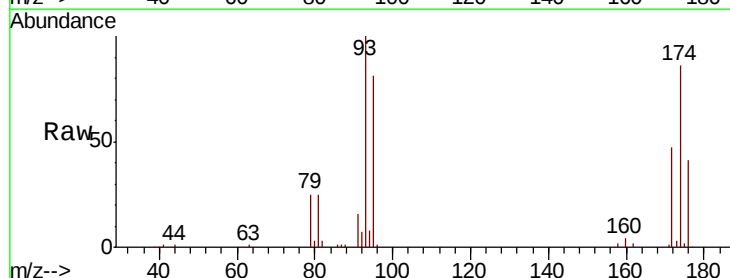
Tgt Ion: 93 Resp: 45723

Ion Ratio Lower Upper

93 100

95 81.9 66.2 99.4

174 86.1 71.7 107.5



Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V

6.56

30000

25000

20000

15000

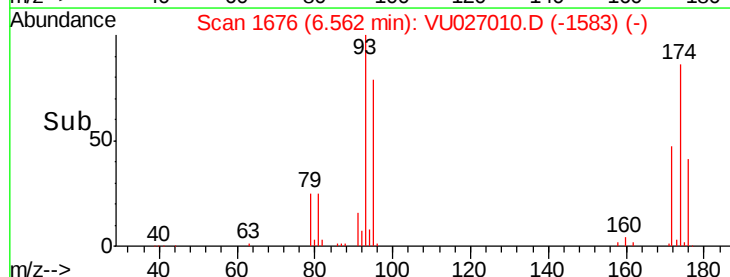
10000

5000

0

6.50 6.55 6.60 6.65

Time-->





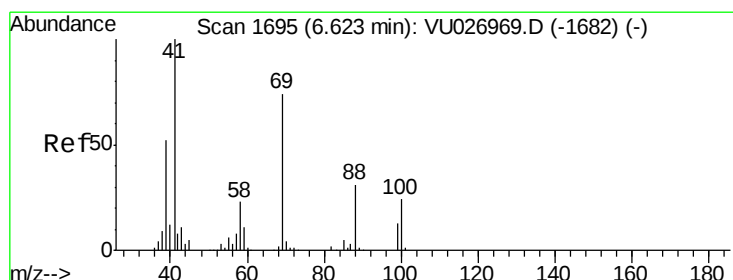
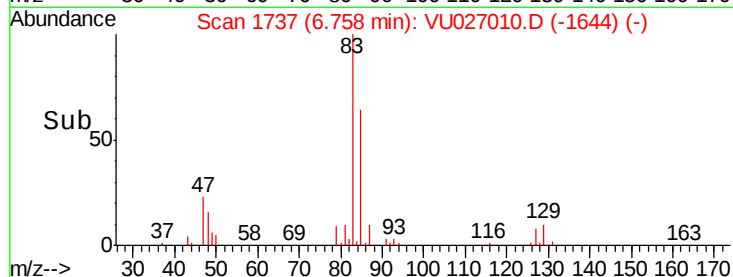
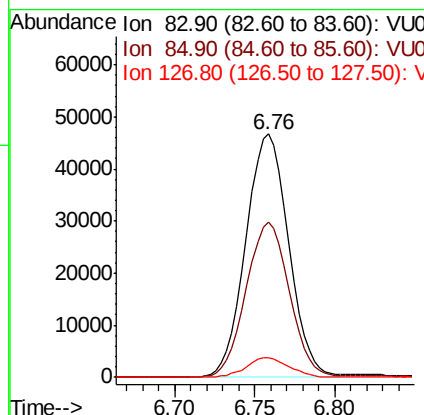
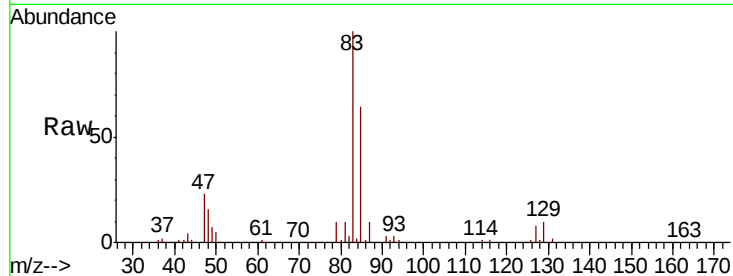
#47
Bromodichloromethane
Concen: 58.657 ug/l
RT: 6.76 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

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

Tot Ion	83	Resp	85733
Ion Ratio	100	Lower	Upper
83	100		
85	63.3	52.5	78.7
127	8.0	6.3	9.5

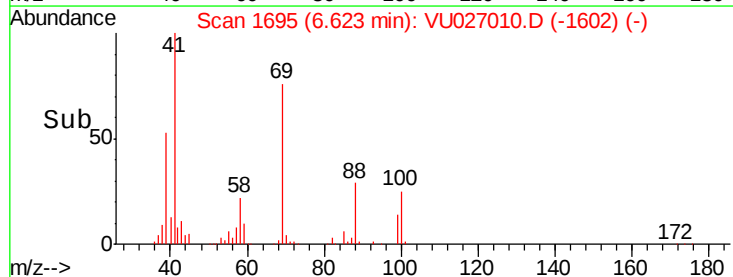
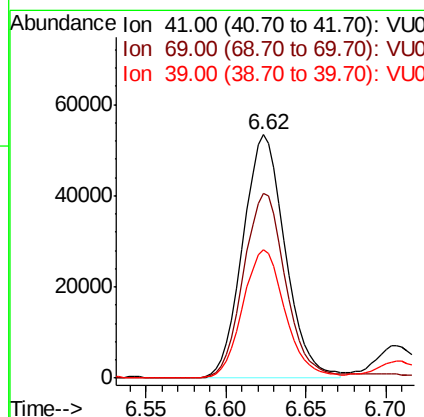
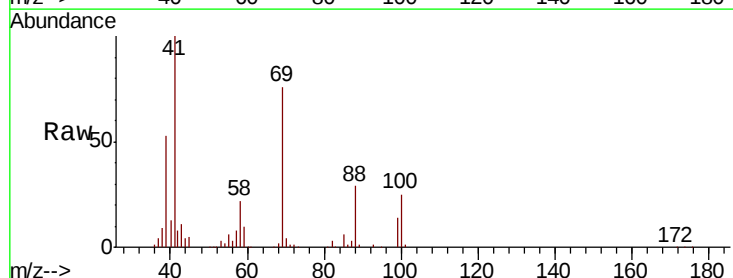
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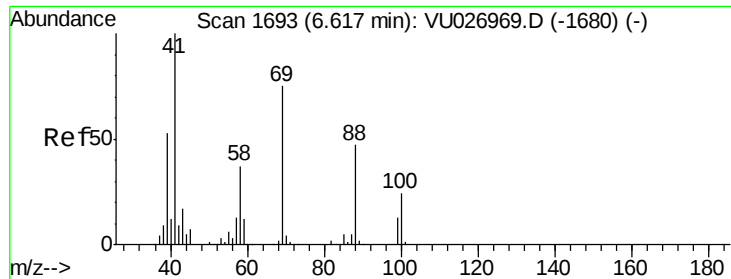
MMDadoda
9/24/2018 2:14:19 PM



#48
Methyl methacrylate
Concen: 64.855 ug/l
RT: 6.62 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

Tgt Ion	41	Resp	96747
Ion Ratio	100	Lower	Upper
41	100		
69	76.1	60.6	90.8
39	52.9	42.8	64.2





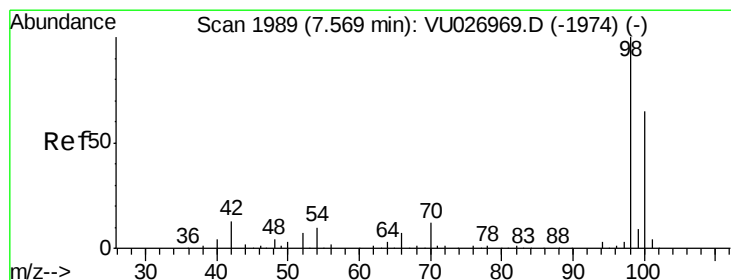
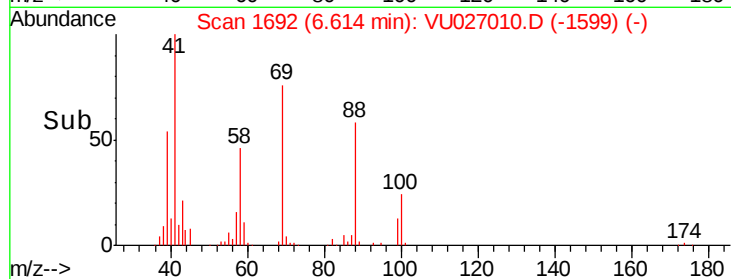
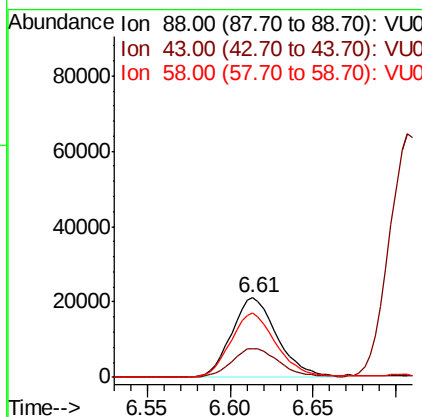
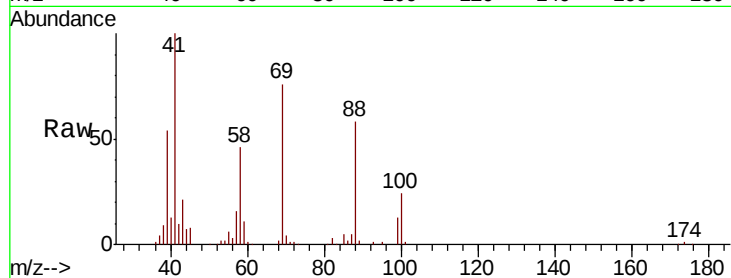
#49
1,4-Dioxane
Concen: 1376.175 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

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

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.2	29.8	44.8
58	81.2	63.9	95.9

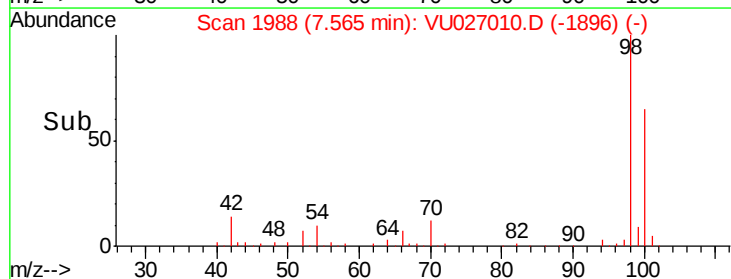
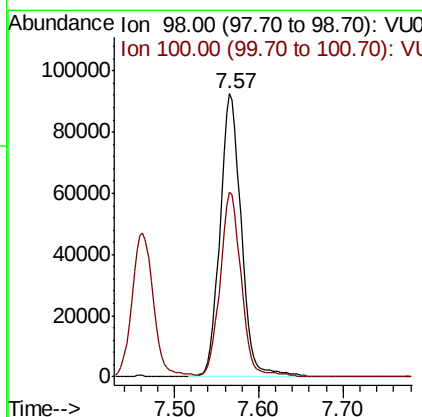
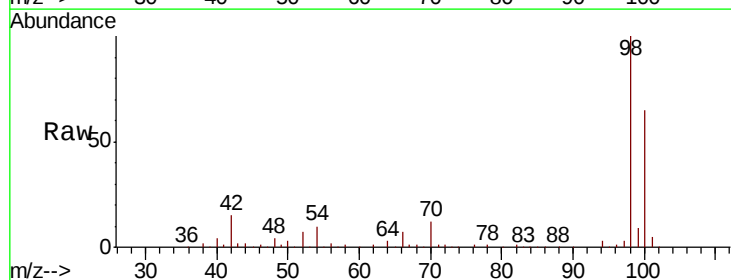
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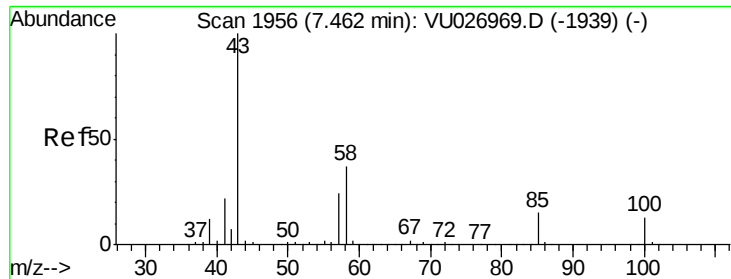
MMDadoda
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#50
Toluene-d8
Concen: 47.467 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 368.236 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MSD

Tot Ion: 43 Resp: 675591

Ion Ratio Lower Upper

43 100

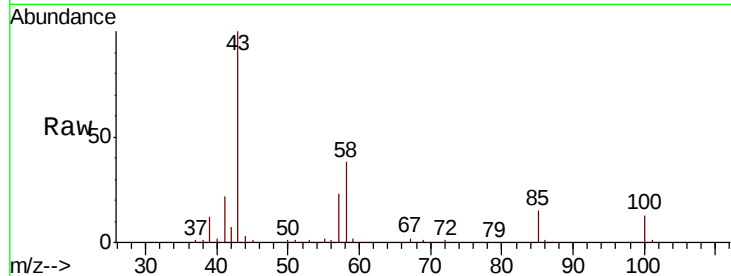
58 37.0 29.8 44.6

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

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

7.46

400000

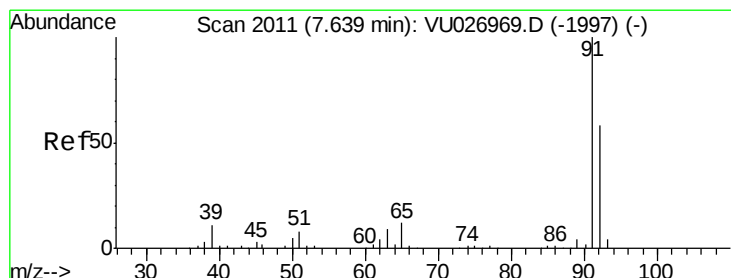
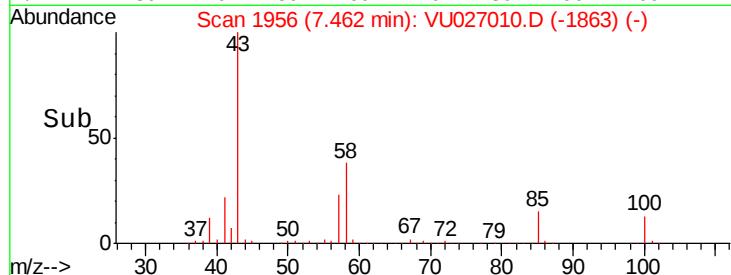
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 48.039 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. -0.00 min

Lab File: VU027010.D

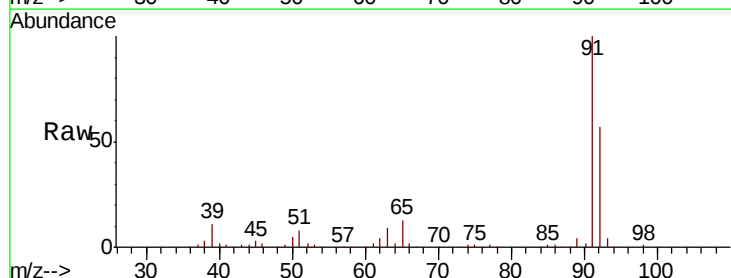
Acq: 22 Sep 2018 10:24

Tgt Ion: 92 Resp: 115663

Ion Ratio Lower Upper

92 100

91 173.2 136.4 204.6



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

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

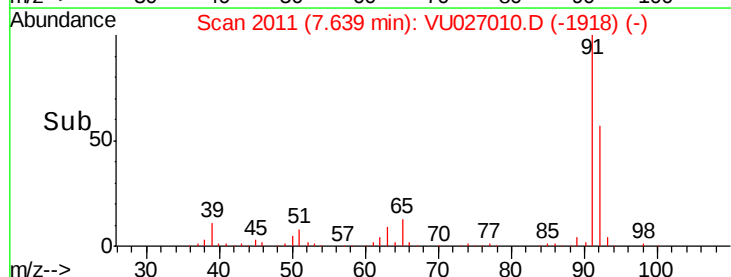
7.64

100000

50000

0

Time-->





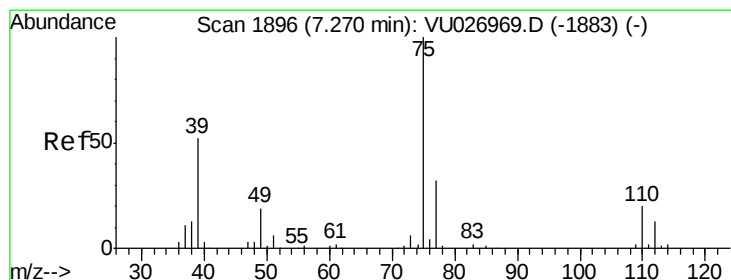
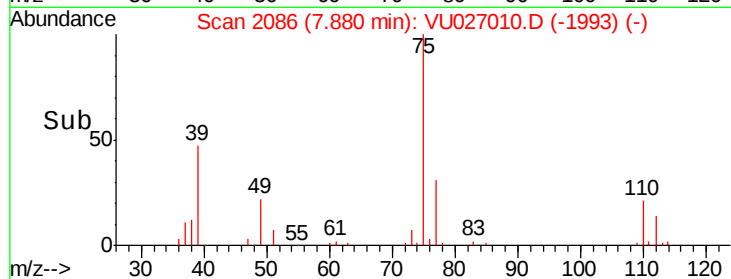
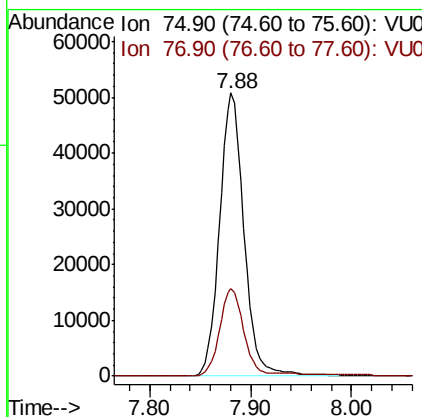
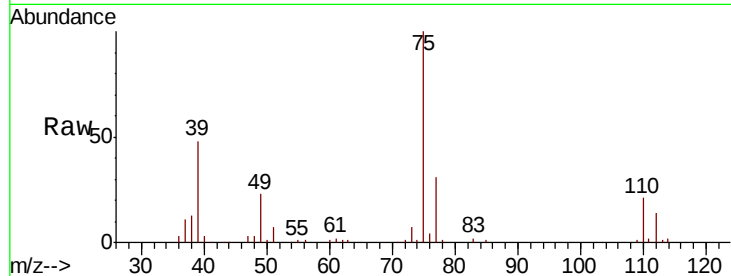
#53
t-1,3-Dichloropropene
Concen: 54.737 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

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

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.3	37.9

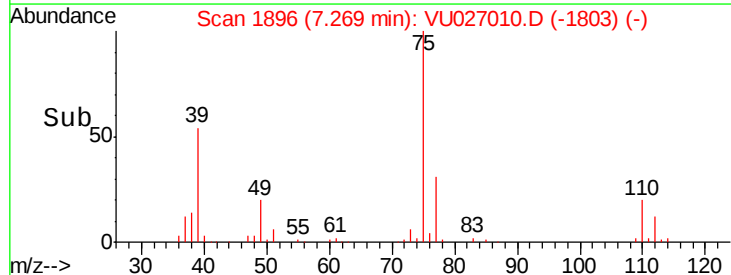
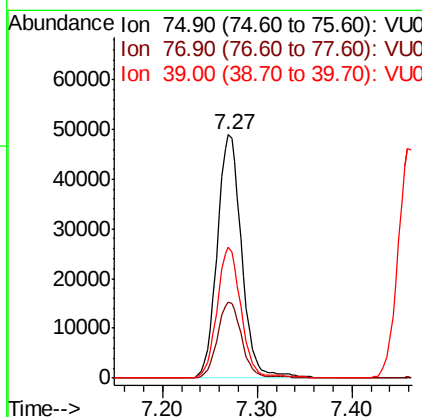
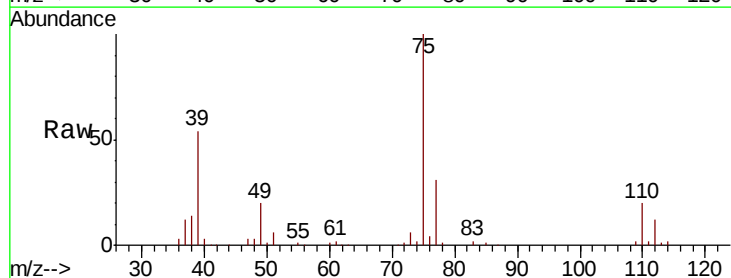
Manual Integrations
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#54
cis-1,3-Dichloropropene
Concen: 50.889 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.4	38.0
39	54.0	41.6	62.4





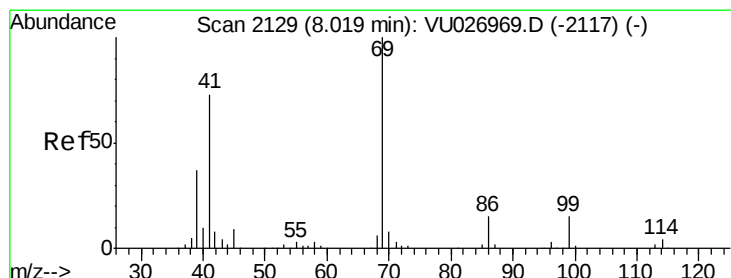
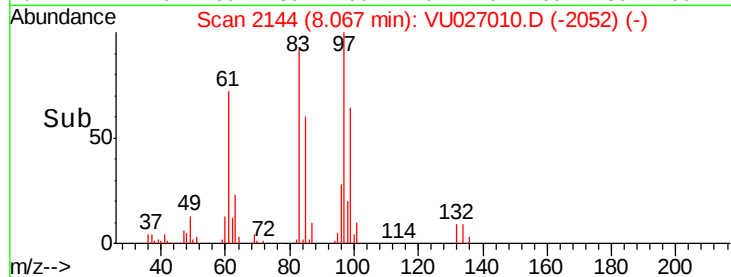
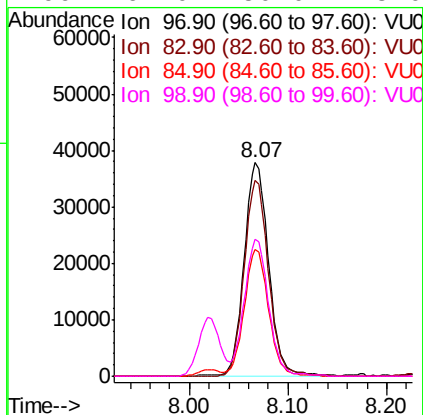
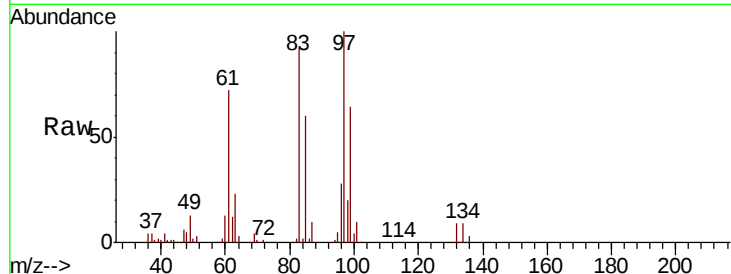
#55
 1,1,2-Trichloroethane
 Concen: 63.849 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

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

Tot Ion:	97	Resp:	65139
Ion	Ratio	Lower	Upper
97	100		
83	91.5	73.1	109.7
85	59.6	46.7	70.1
99	64.0	50.0	75.0

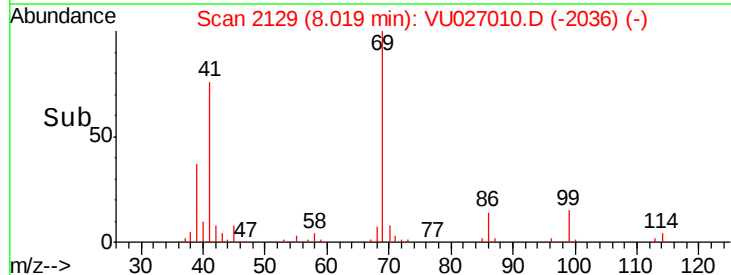
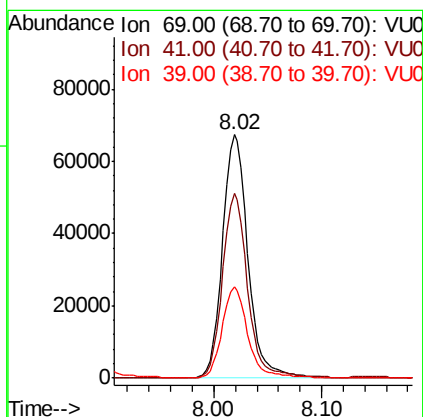
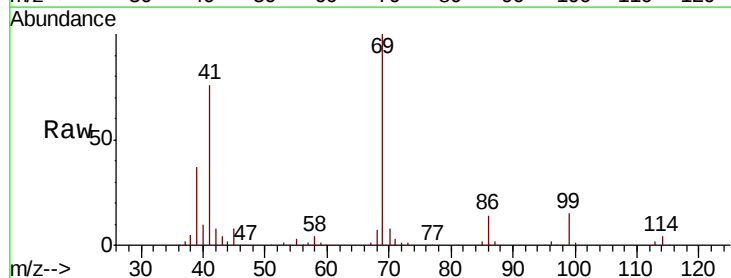
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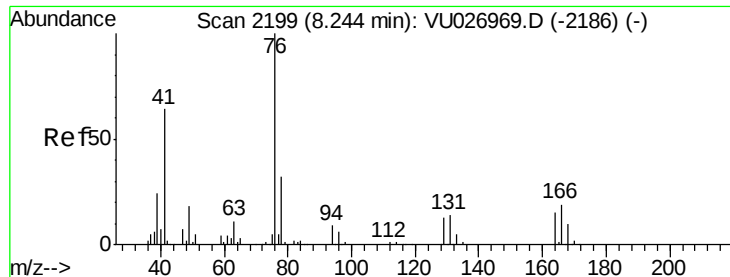
MMDadoda
 9/24/2018 2:14:19 PM



#56
 Ethyl methacrylate
 Concen: 62.057 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

Tgt Ion:	69	Resp:	110829
Ion	Ratio	Lower	Upper
69	100		
41	75.2	59.0	88.4
39	37.6	30.2	45.4





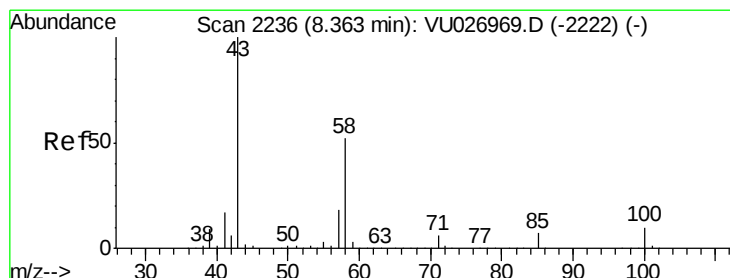
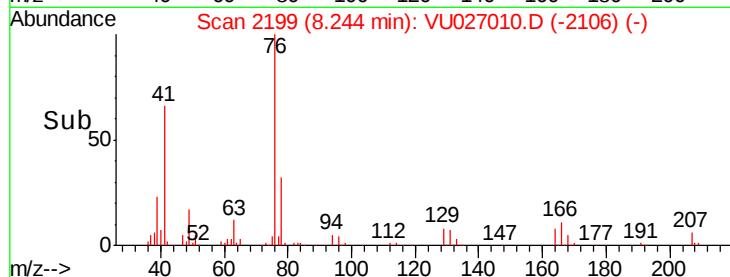
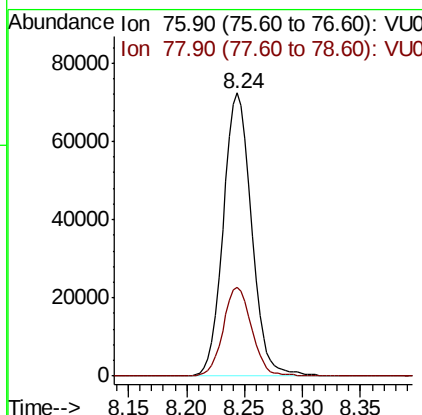
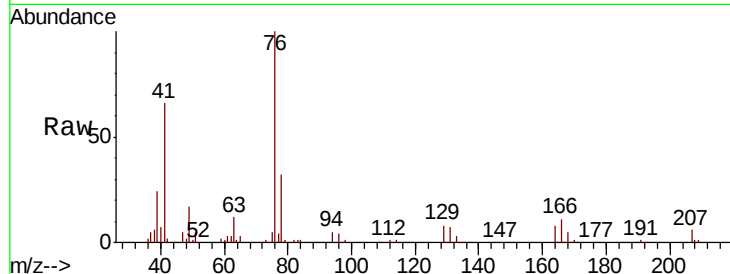
#57
 1,3-Dichloropropane
 Concen: 64.696 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

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

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.5	38.3

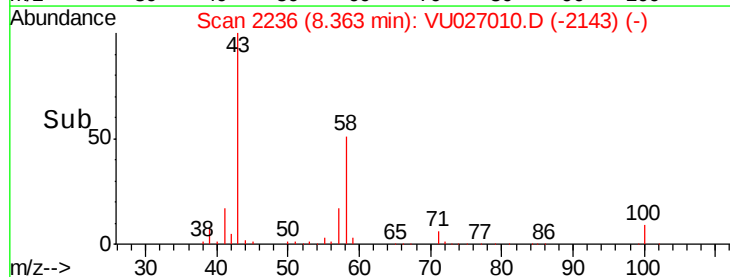
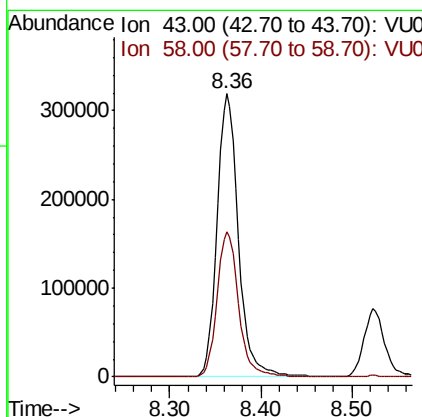
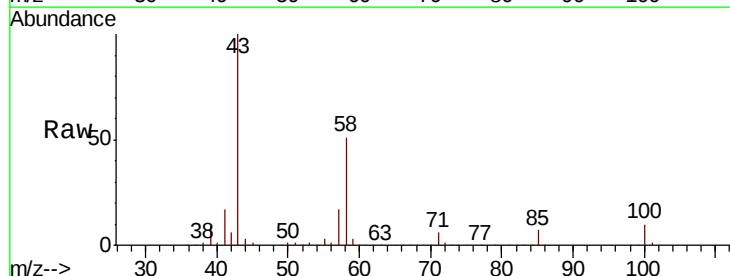
Manual Integrations
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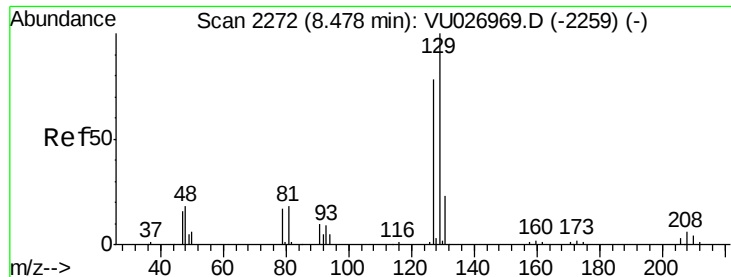
MMDadoda
 9/24/2018 2:14:19 PM



#59
 2-Hexanone
 Concen: 361.993 ug/l
 RT: 8.36 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

Tgt Ion	Ratio	Lower	Upper
43	100		
58	51.8	26.1	78.2





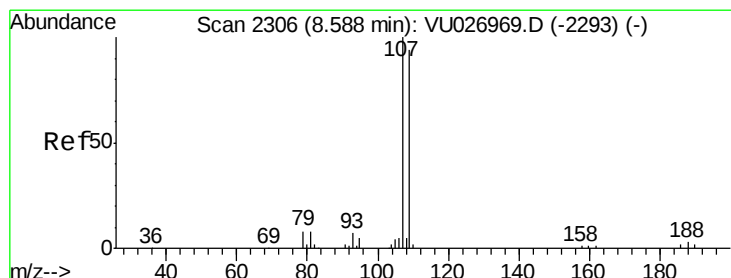
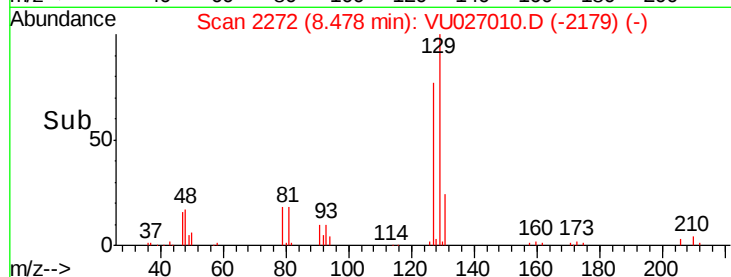
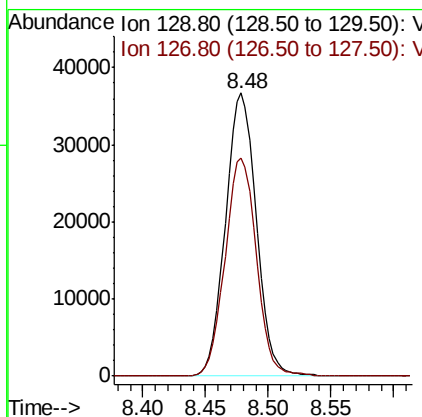
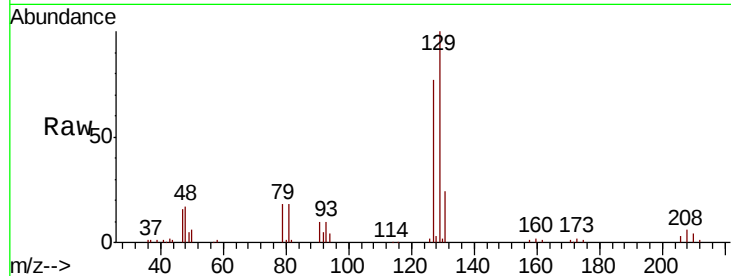
#60
Dibromochloromethane
Concen: 62.824 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

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

Tot Ion	Ratio	Lower	Upper
129	100		
127	78.1	38.1	114.5

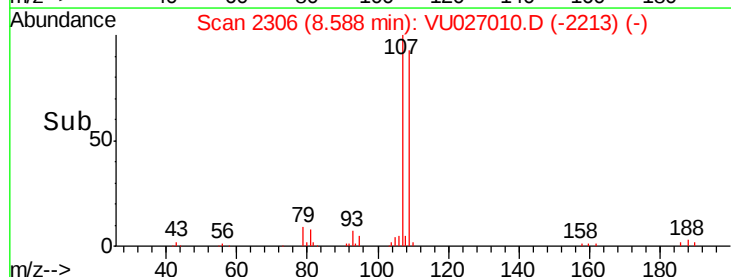
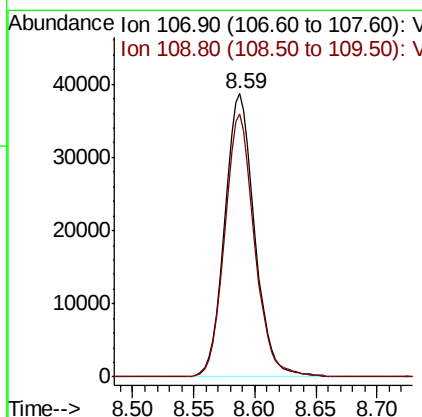
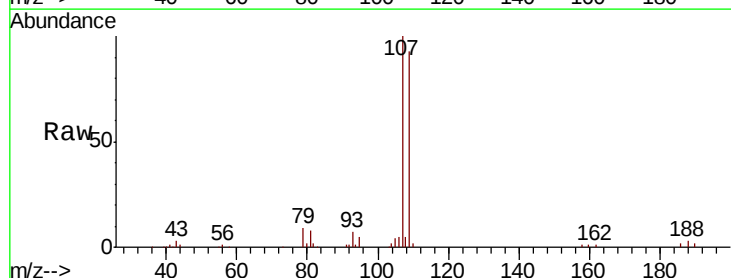
Manual Integrations
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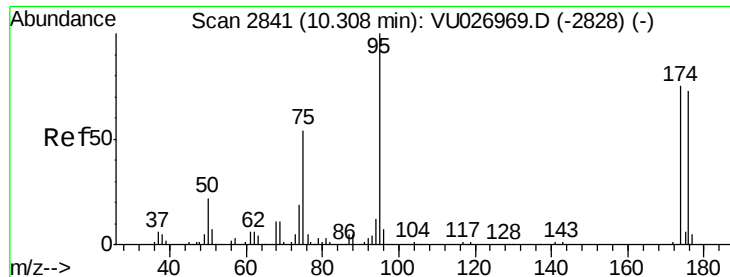
MMDadoda
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#61
1,2-Dibromoethane
Concen: 62.713 ug/l
RT: 8.59 min Scan# 2306
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

Tgt Ion	Ratio	Lower	Upper
107	100		
109	92.5	75.0	112.6





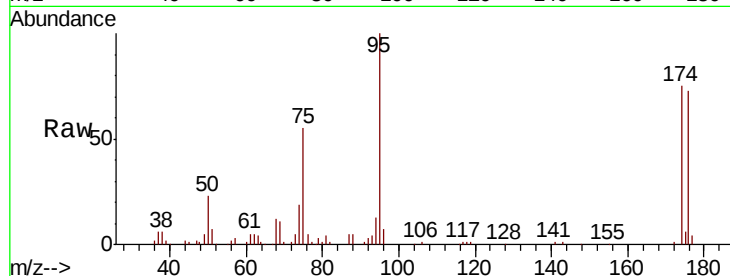
#62
4-Bromofluorobenzene
Concen: 48.411 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

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

Tot Ion	Ratio	Resp	Lower	Upper
95	100	56811		
174	73.1	0.0	150.2	
176	72.4	0.0	145.2	

Manual Integrations
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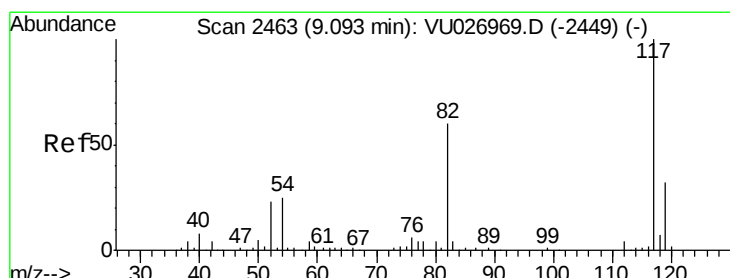
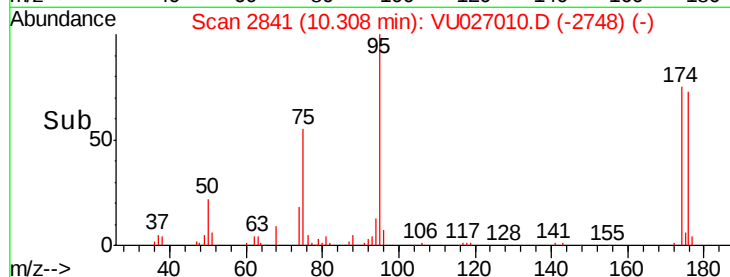
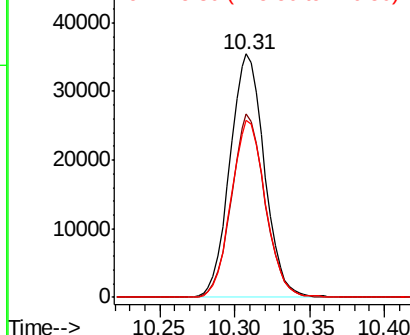


Abundance

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

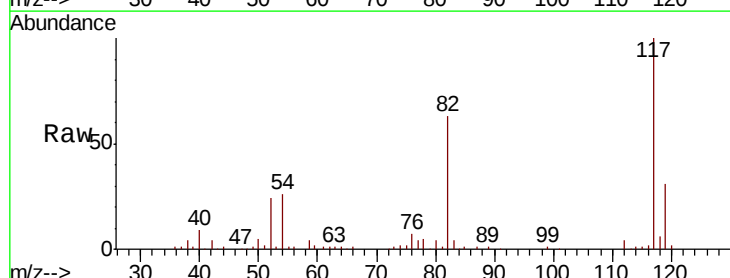
Ion 173.80 (173.50 to 174.50): VU026969.D (-2828) (-)

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



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	96359		
82	62.6	48.0	72.0	
119	31.1	25.8	38.8	

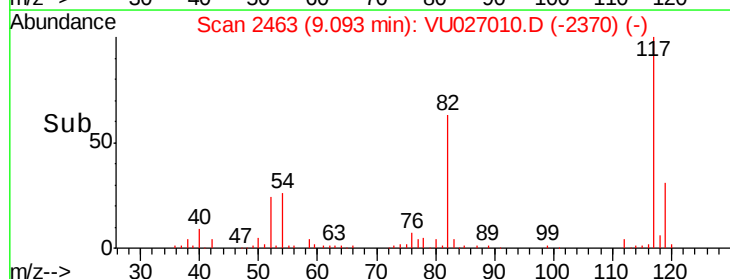
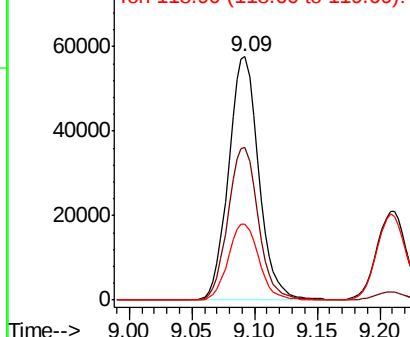


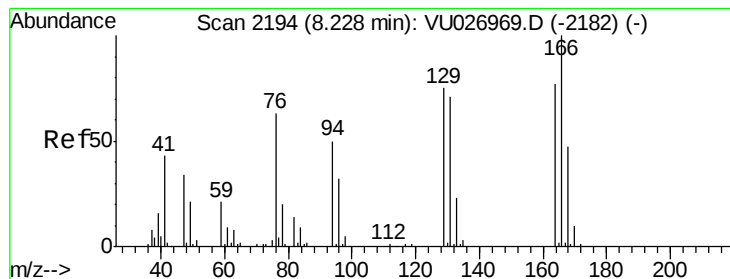
Abundance

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) (-)





#64

Tetrachloroethene

Concen: 34.609 ug/l

RT: 8.23 min Scan# 2194

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MSD

Tot Ion:164 Resp: 25698

Ion Ratio Lower Upper

164 100

166 129.0 104.4 156.6

129 101.3 78.7 118.1

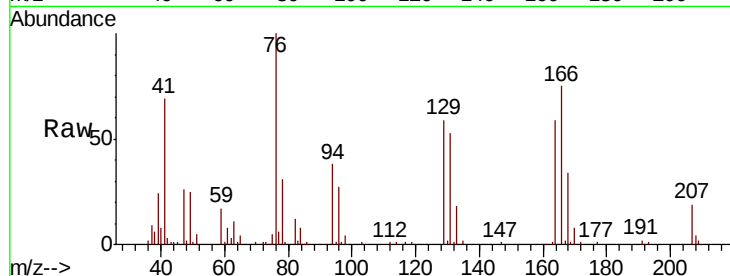
131 91.0 73.9 110.9

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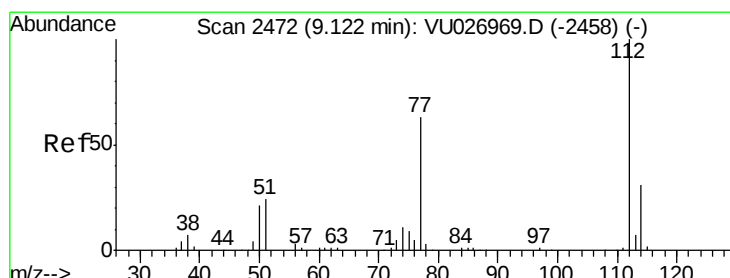
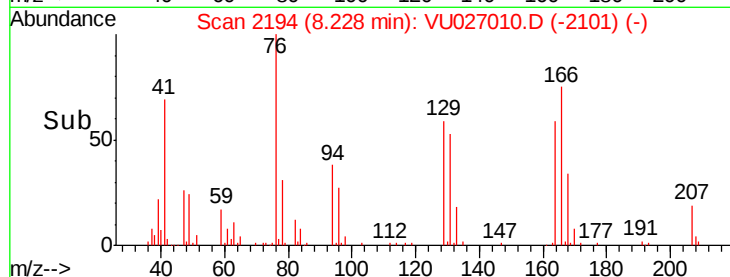
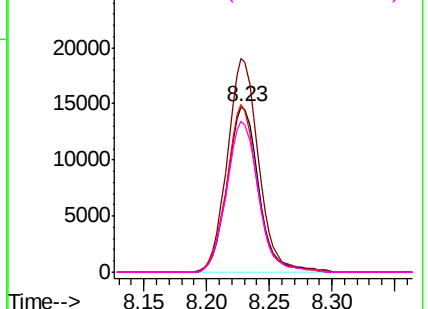
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 47.531 ug/l

RT: 9.12 min Scan# 2472

Delta R.T. -0.00 min

Lab File: VU027010.D

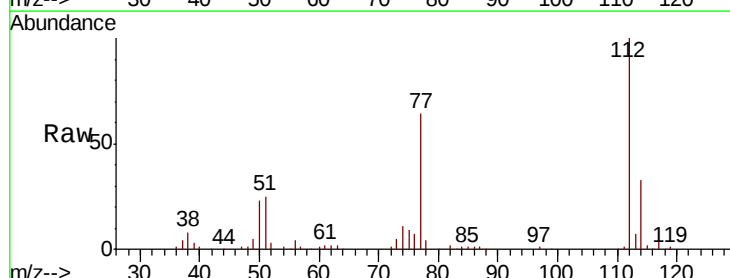
Acq: 22 Sep 2018 10:24

Tgt Ion:112 Resp: 121440

Ion Ratio Lower Upper

112 100

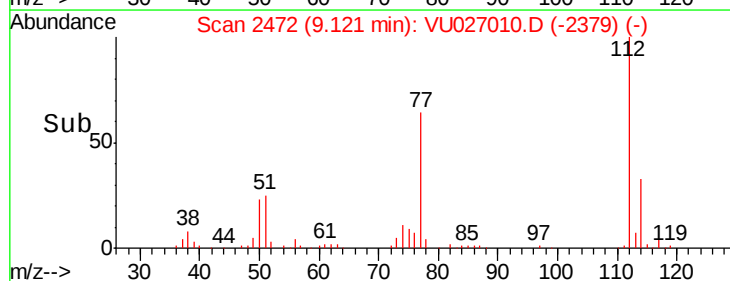
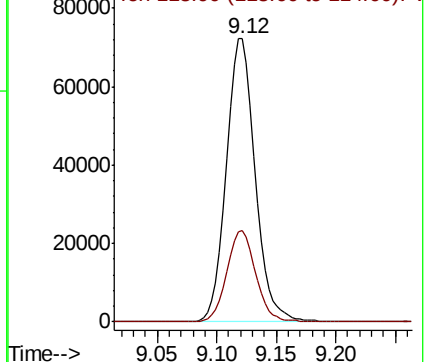
114 32.5 25.0 37.6

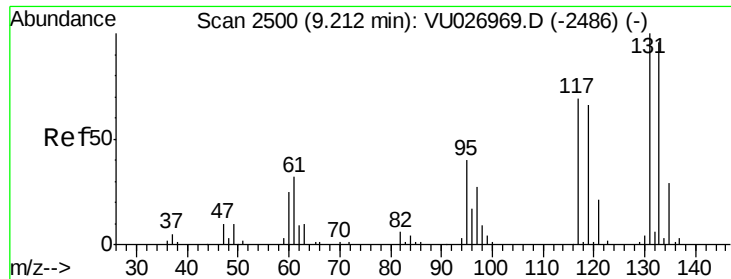


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





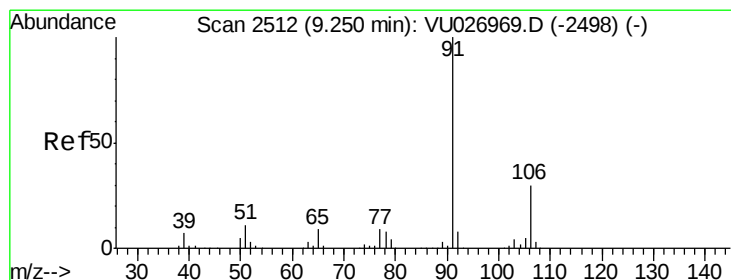
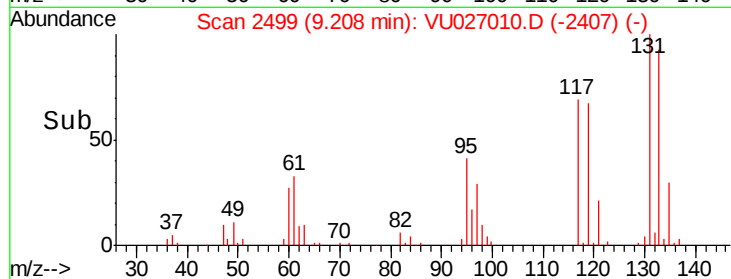
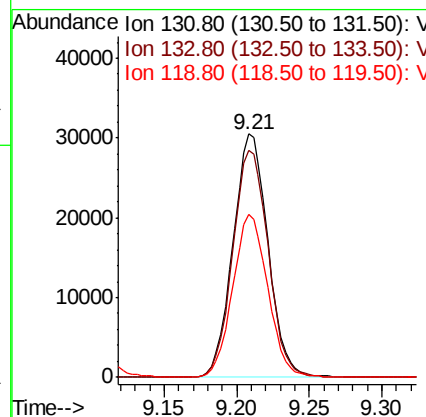
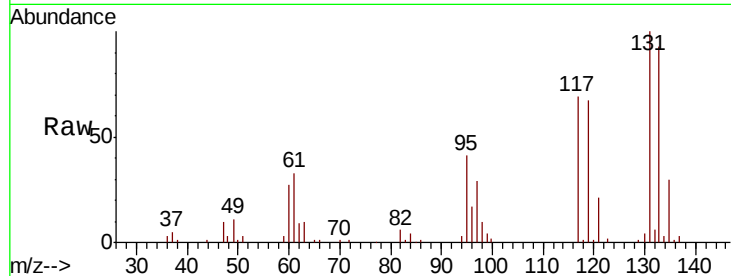
#66
 1,1,1,2-Tetrachloroethane
 Concen: 57.867 ug/l
 RT: 9.21 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

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

Tot Ion	Ratio	Lower	Upper
131	100		
133	94.7	48.0	144.2
119	67.1	33.4	100.1

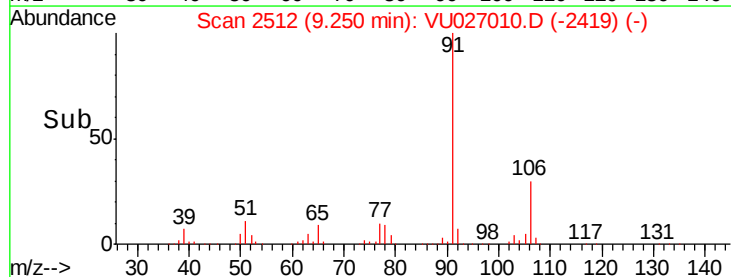
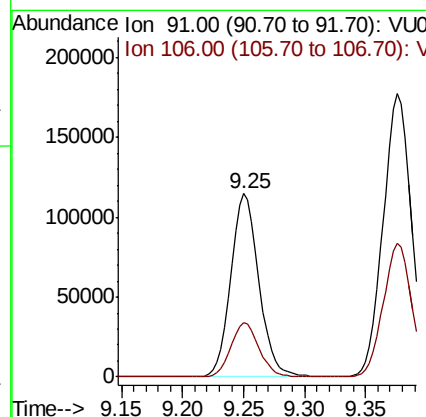
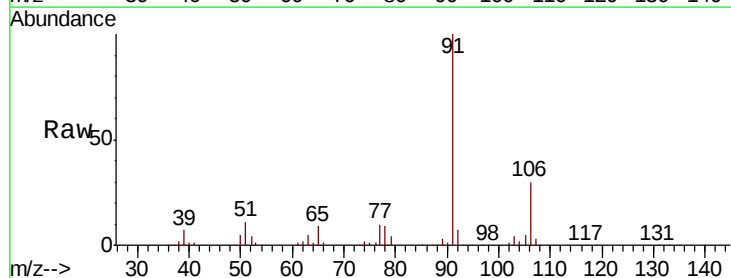
Manual Integrations
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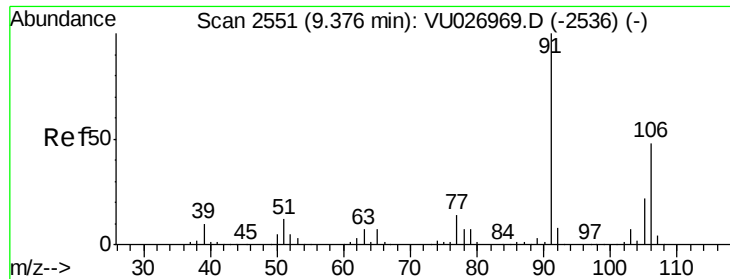
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#67
 Ethyl Benzene
 Concen: 44.121 ug/l
 RT: 9.25 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.7	23.8	35.8





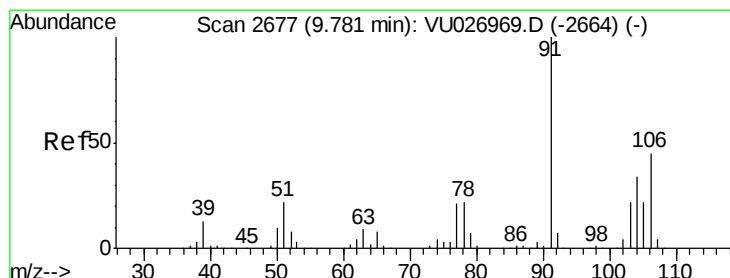
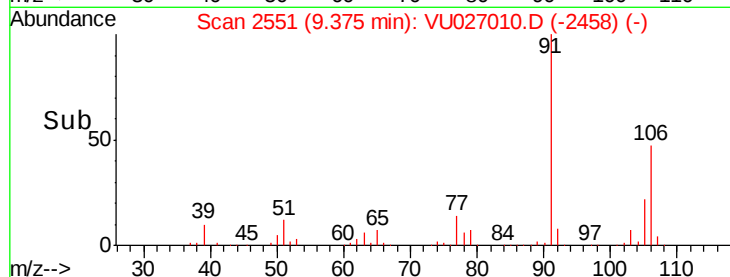
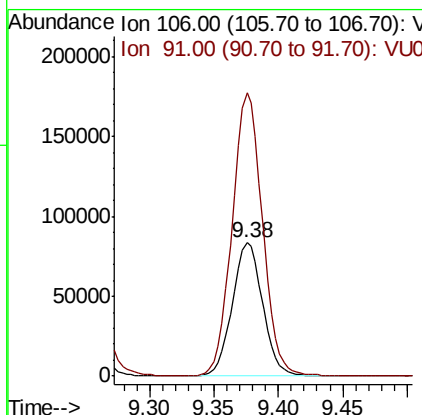
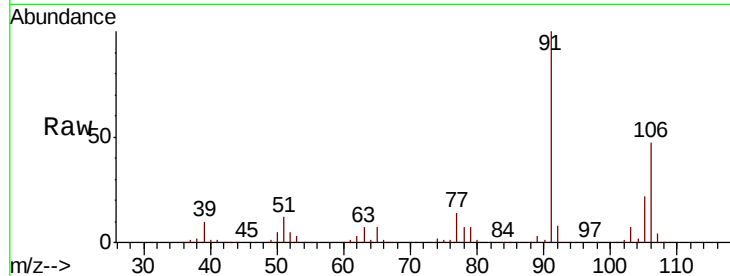
#68
m/p-Xylenes
Concen: 80.618 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

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

Tot Ion:106 Resp: 136669
Ion Ratio Lower Upper
106 100
91 212.5 166.5 249.7

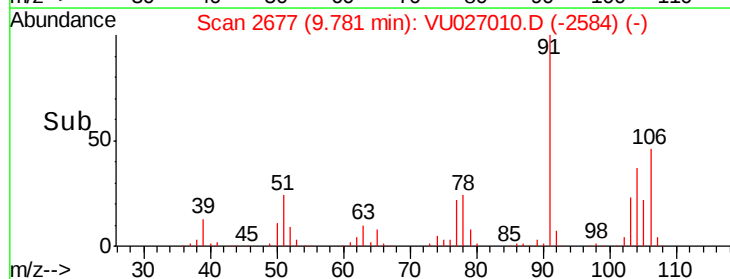
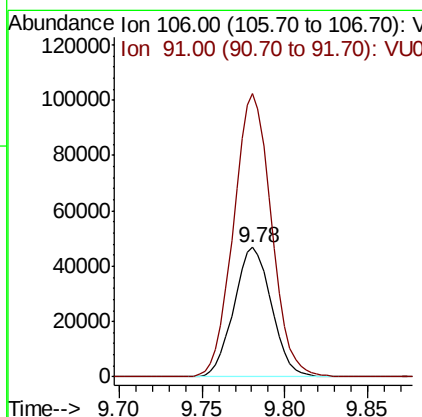
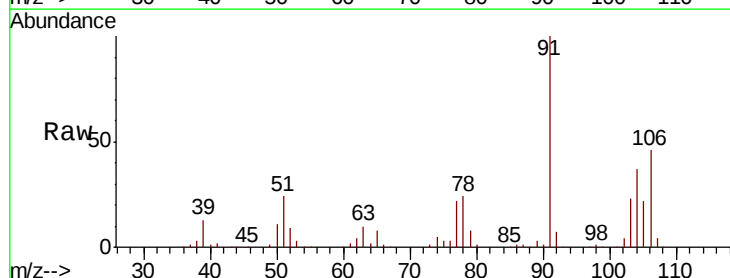
Manual Integrations
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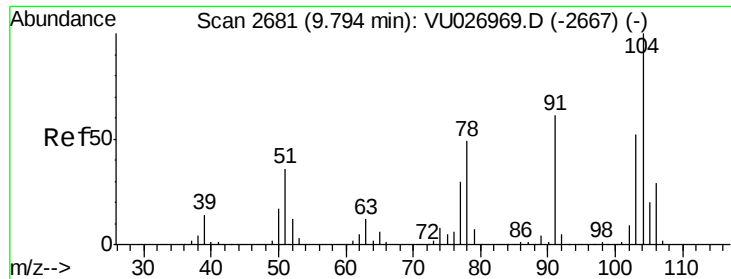
MMDadoda
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#69
o-Xylene
Concen: 49.650 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

Tgt Ion:106 Resp: 73909
Ion Ratio Lower Upper
106 100
91 219.9 110.2 330.6





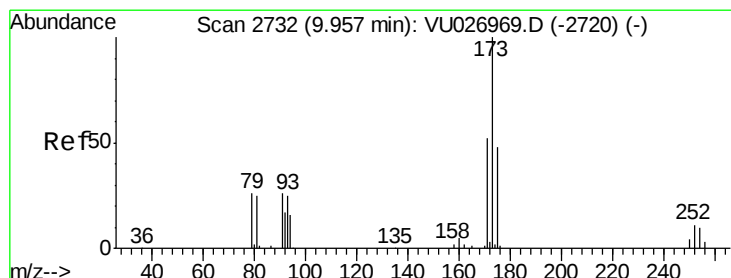
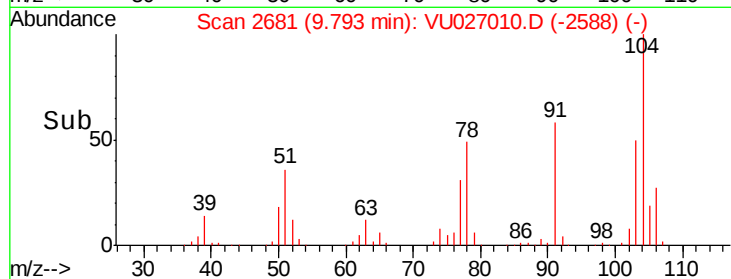
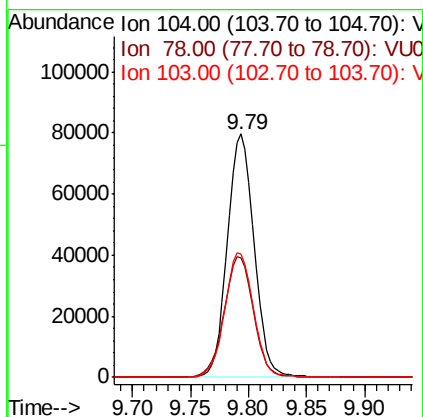
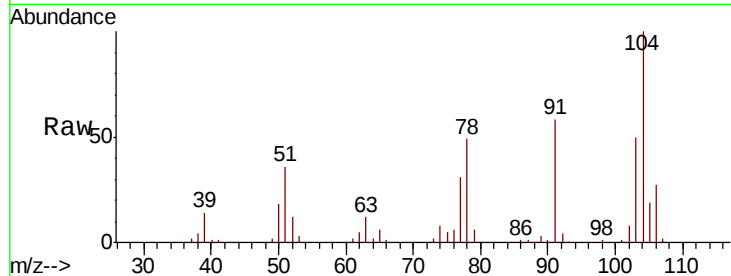
#70
Stvrene
Concen: 45.832 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

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

Tot Ion	Ratio	Resp	Lower	Upper
104	100	126952		
78	54.2	43.0	64.4	
103	55.0	44.1	66.1	

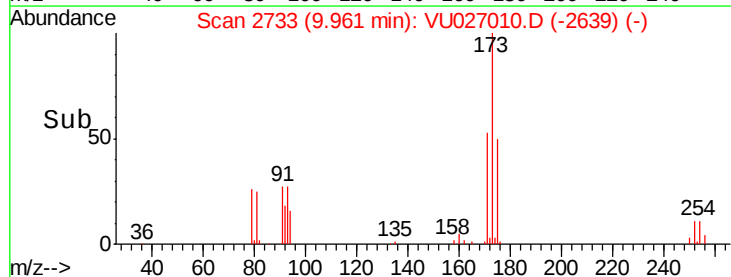
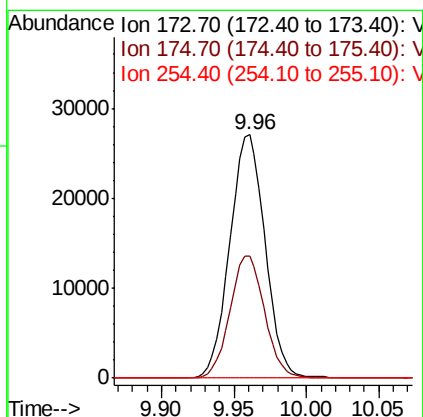
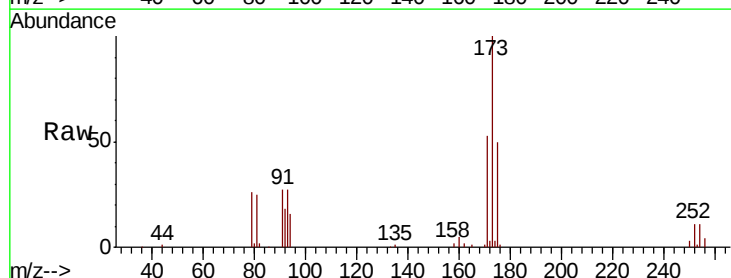
Manual Integrations
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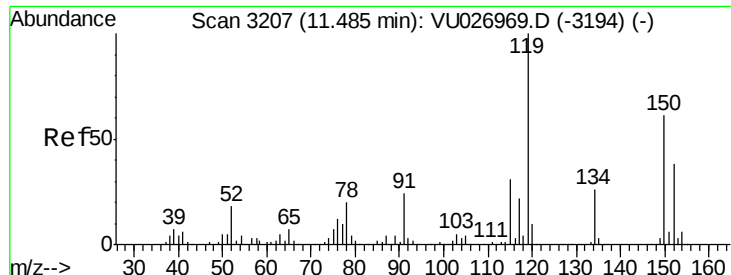
MMDadoda
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#71
Bromoform
Concen: 67.114 ug/l
RT: 9.96 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	45673		
175	49.3	23.9	71.8	
254	0.0	0.0	0.0	





#72

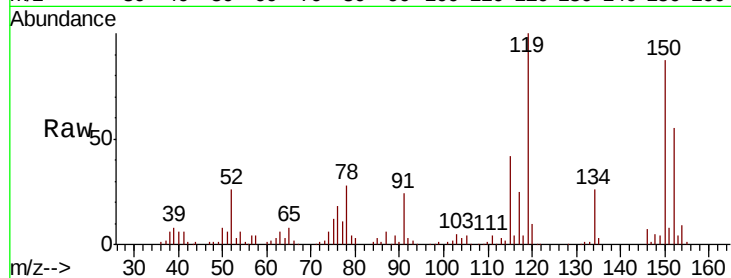
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

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

Tot Ion	Ratio	Lower	Upper
152	100		
115	82.0	44.9	134.5
150	174.0	0.0	355.8

Manual Integrations
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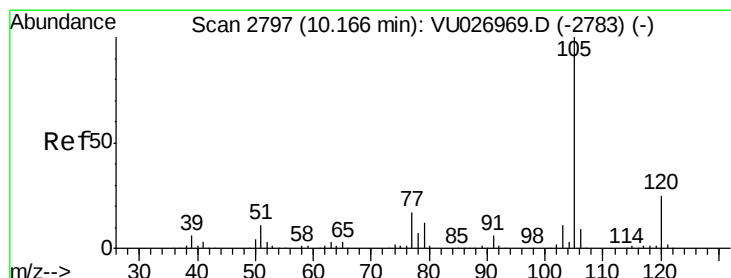
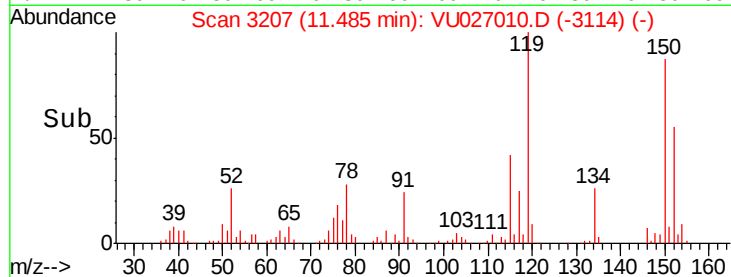
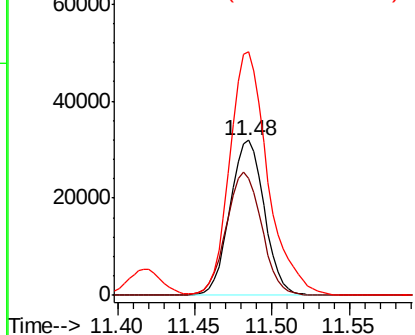


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

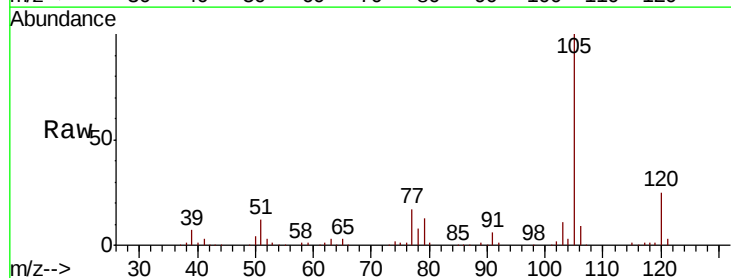
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene
Concen: 42.836 ug/l
RT: 10.17 min Scan# 2797
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

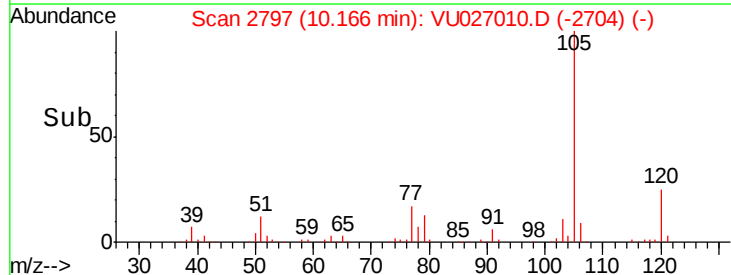
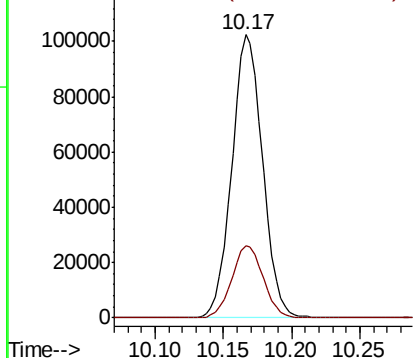
Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.9	12.8	38.4

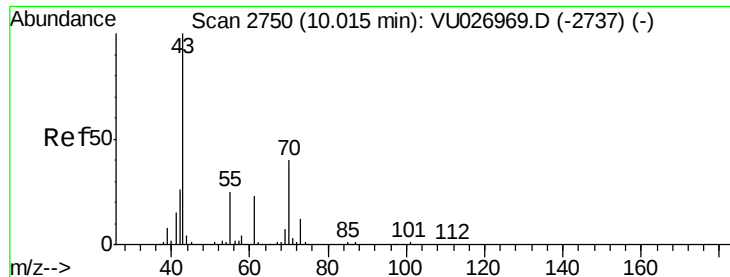


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyl acetate

Concen: 54.090 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Instrument :

MSVOA_U

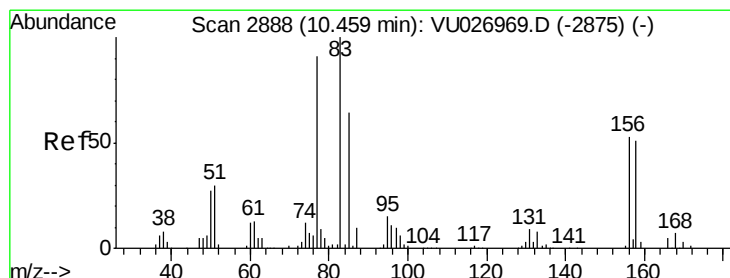
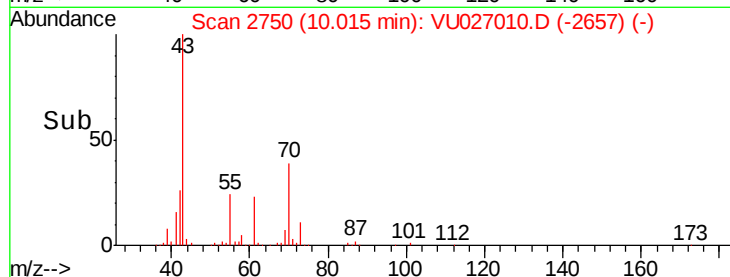
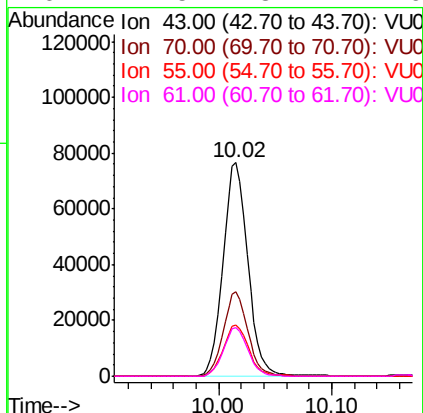
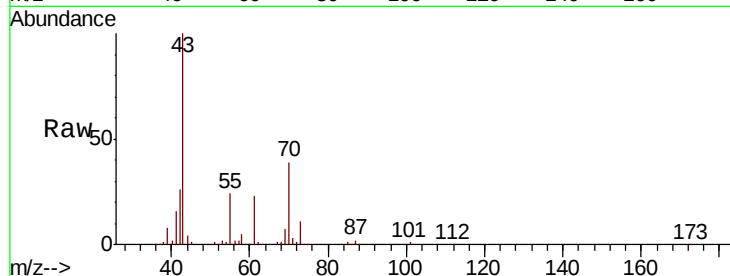
ClientSampleId :

BPSI-TT-MW308D-20180914MSD

Tot Ion	43	Resp	117163
Ion	Ratio	Lower	Upper
43	100		
70	38.8	31.8	47.8
55	24.4	19.9	29.9
61	22.5	18.4	27.6

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 68.250 ug/l

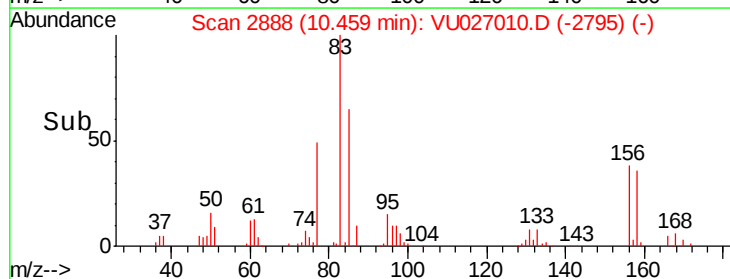
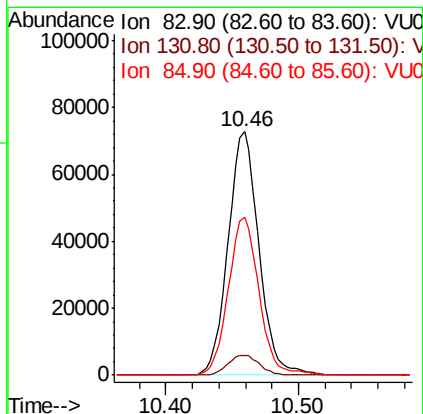
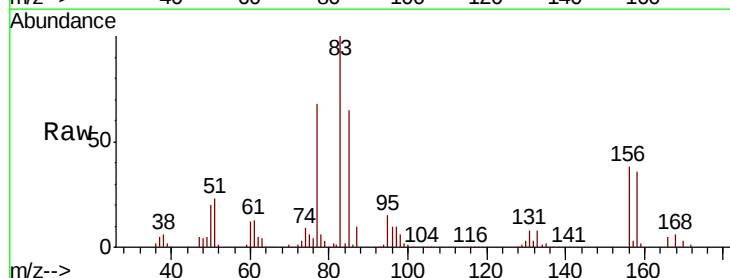
RT: 10.46 min Scan# 2888

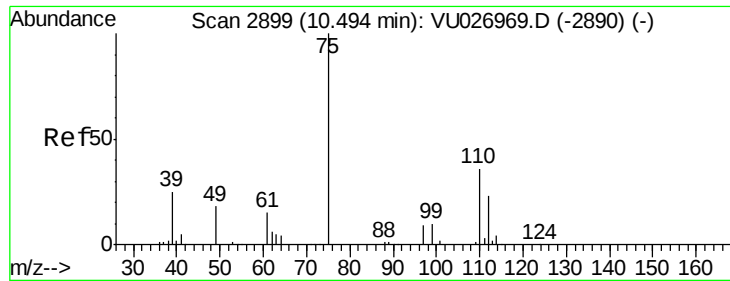
Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Tgt Ion	83	Resp	117424
Ion	Ratio	Lower	Upper
83	100		
131	8.3	4.3	12.8
85	64.7	31.9	95.7





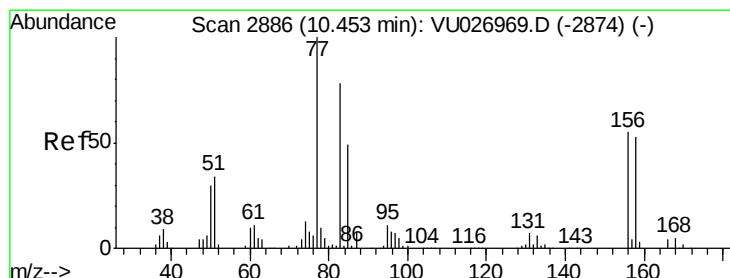
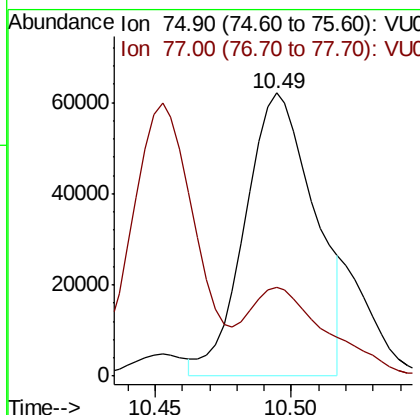
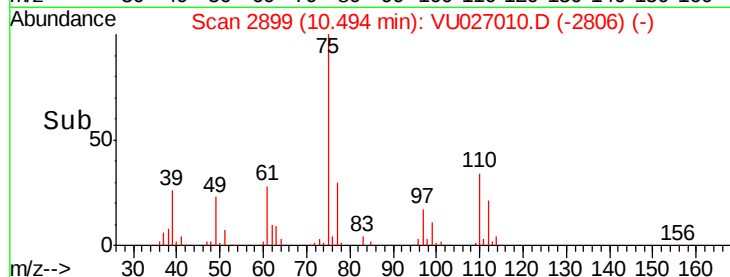
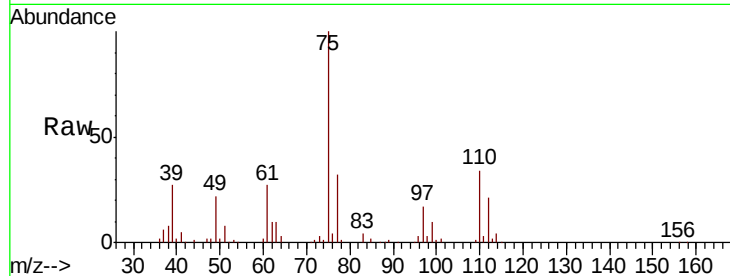
#76
1,2,3-Trichloropropane
Concen: 73.953 ug/l m
RT: 10.49 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

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

Tot Ion: 75 Resp: 110521
Ion Ratio Lower Upper
75 100
77 36.0 20.9 62.8

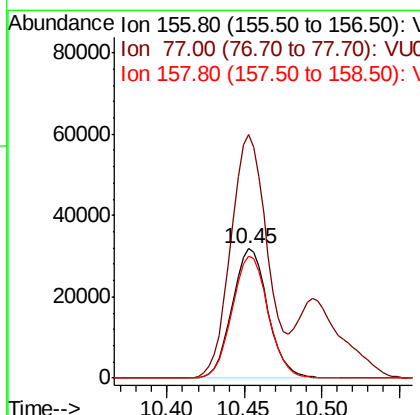
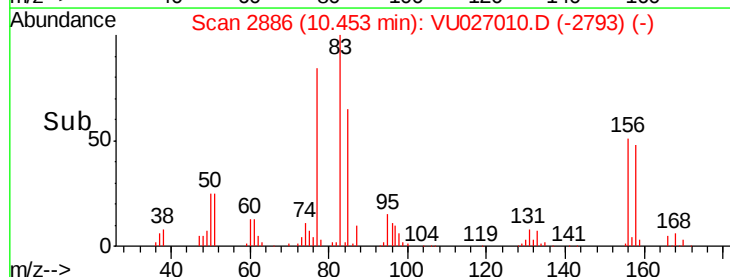
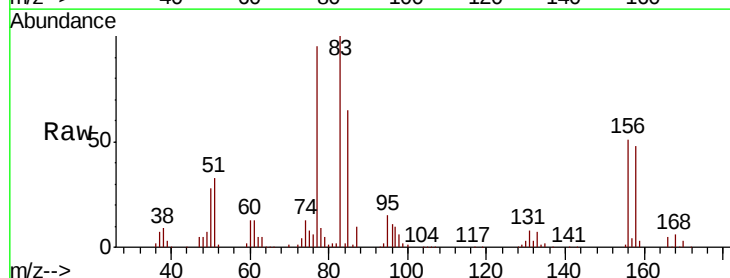
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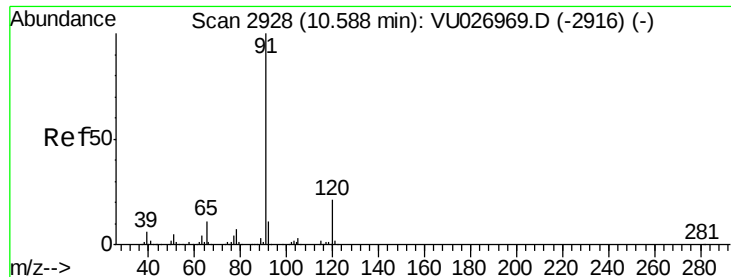
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#77
Bromobenzene
Concen: 55.528 ug/l
RT: 10.45 min Scan# 2886
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

Tgt Ion: 156 Resp: 50777
Ion Ratio Lower Upper
156 100
77 193.0 92.3 276.9
158 95.7 48.1 144.3





#78

n-propylbenzene

Concen: 41.568 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MSD

Tot Ion: 91 Resp: 184050

Ion Ratio Lower Upper

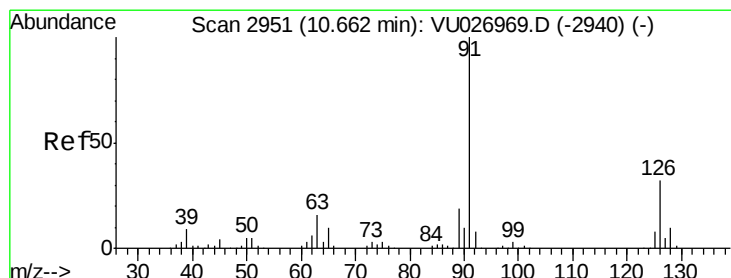
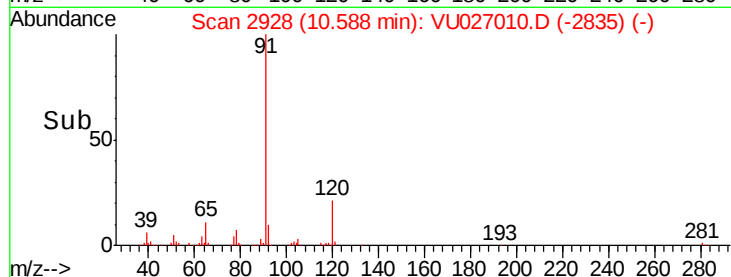
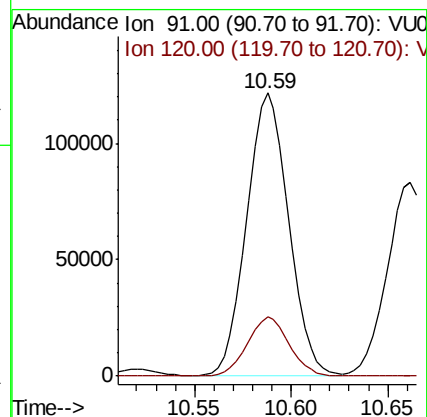
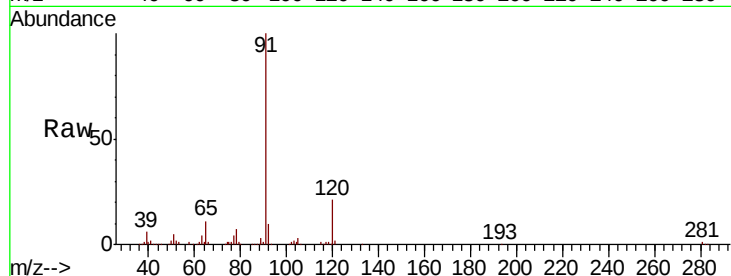
91 100

120 20.7 10.6 31.8

Manual Integrations
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#79

2-Chlorotoluene

Concen: 47.596 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. -0.00 min

Lab File: VU027010.D

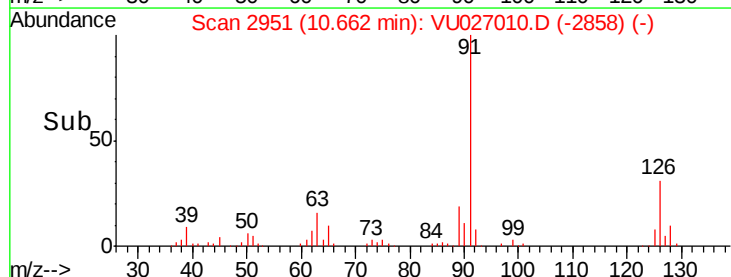
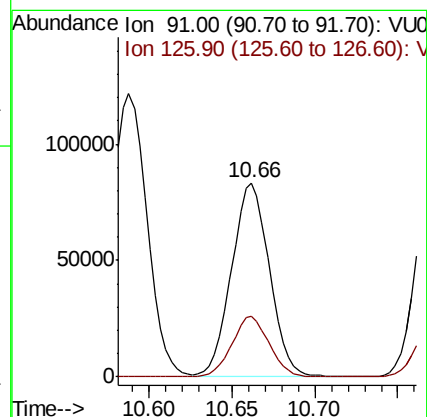
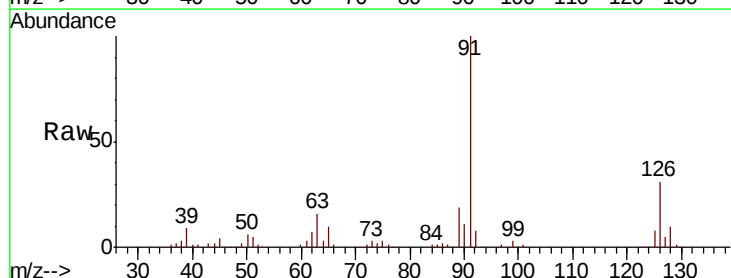
Acq: 22 Sep 2018 10:24

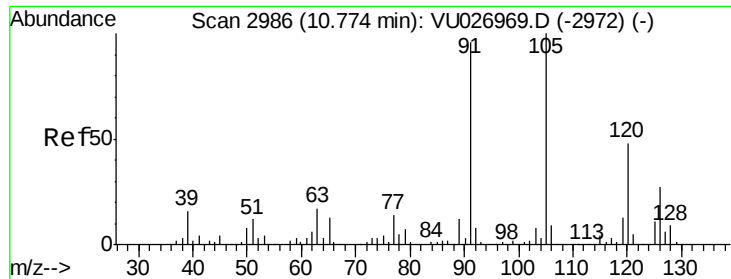
Tgt Ion: 91 Resp: 132372

Ion Ratio Lower Upper

91 100

126 30.7 15.8 47.3





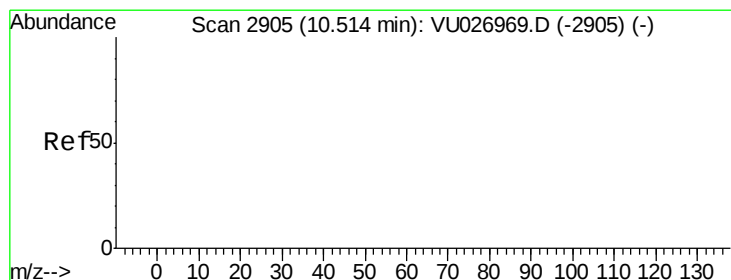
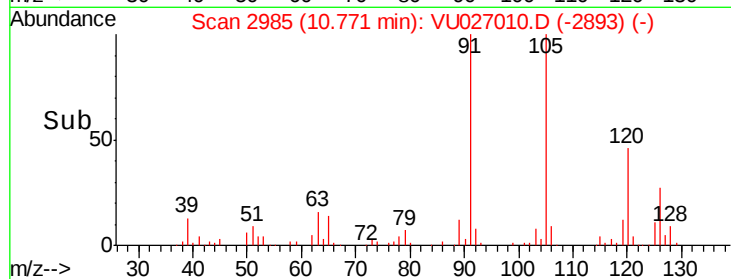
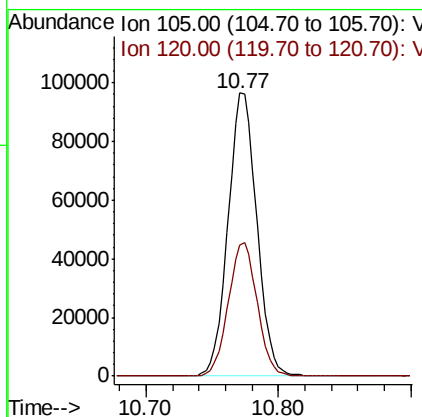
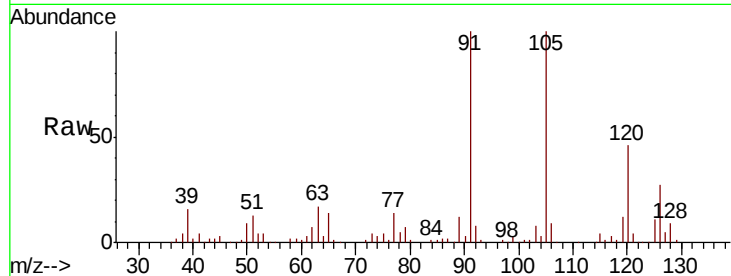
#80
 1,3,5-Trimethylbenzene
 Concen: 47.046 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. -0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

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

Tot Ion: 105 Resp: 145323
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.9 71.7

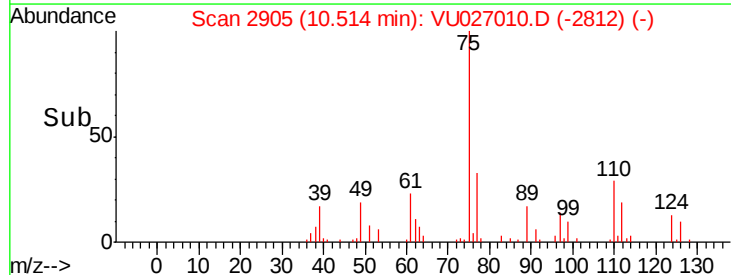
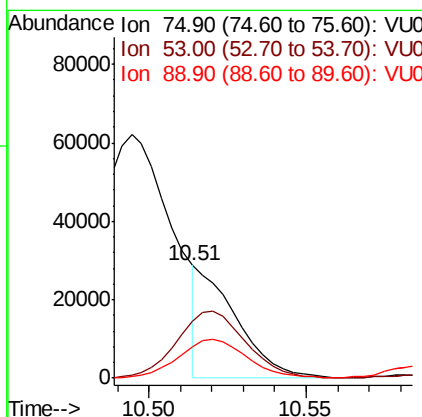
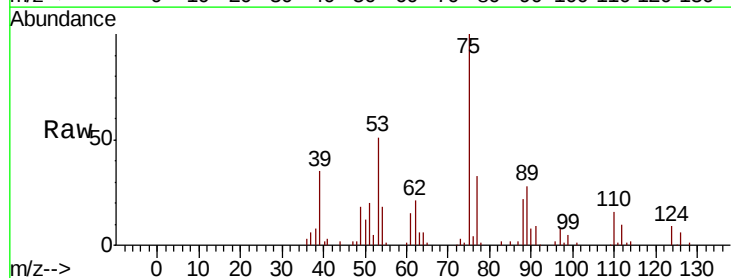
Manual Integrations
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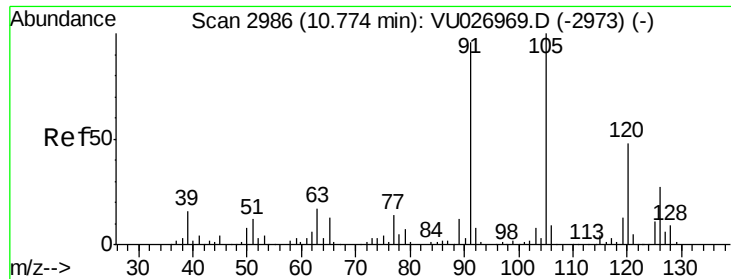
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.349 ug/l m
 RT: 10.51 min Scan# 2905
 Delta R.T. -0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

Tgt Ion: 75 Resp: 24447
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0





#82

4-Chlorotoluene

Concen: 48.142 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MSD

Tot Ion: 91 Resp: 150129

Ion Ratio Lower Upper

91 100

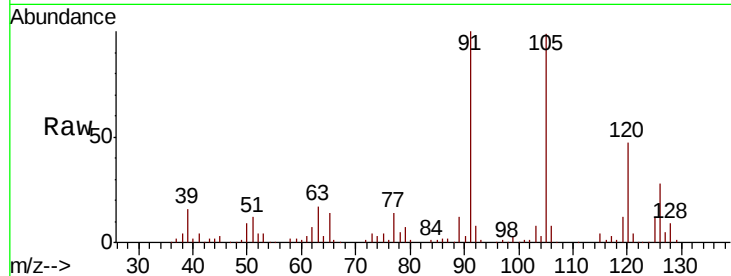
126 28.1 14.1 42.2

Manual Integrations

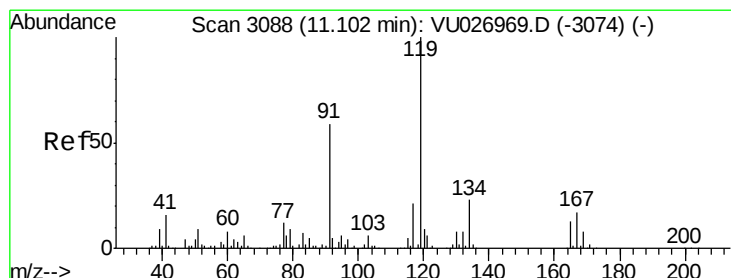
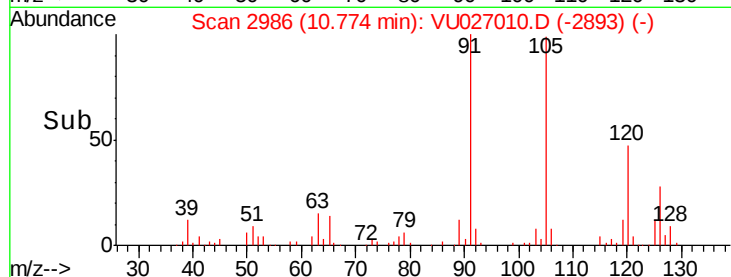
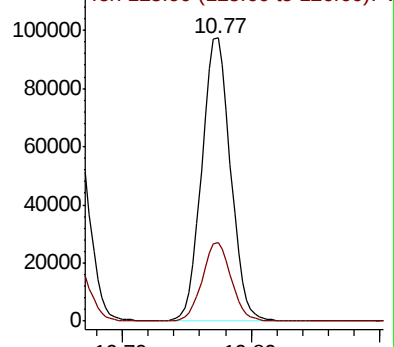
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Abundance Ion 91.00 (90.70 to 91.70): VU026969.D (-2973) (-)



#83

tert-Butylbenzene

Concen: 44.510 ug/l

RT: 11.10 min Scan# 3088

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

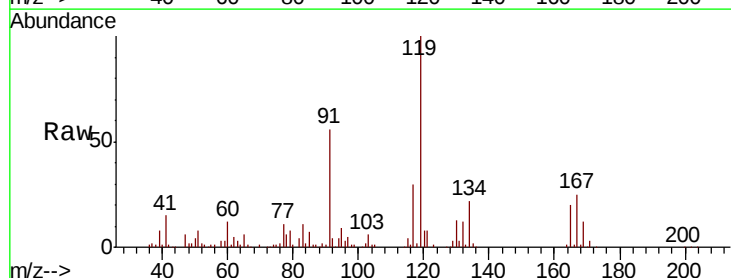
Tgt Ion: 119 Resp: 135930

Ion Ratio Lower Upper

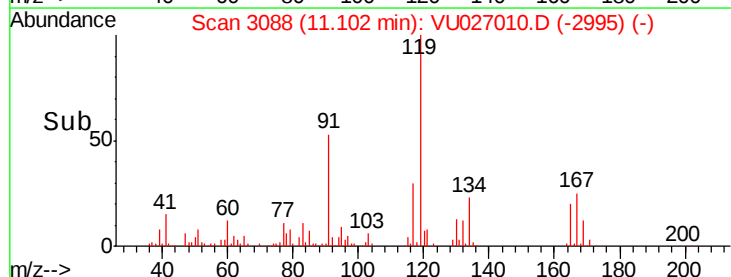
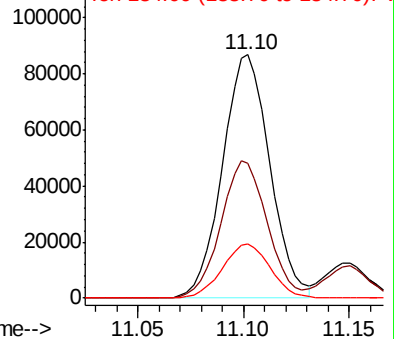
119 100

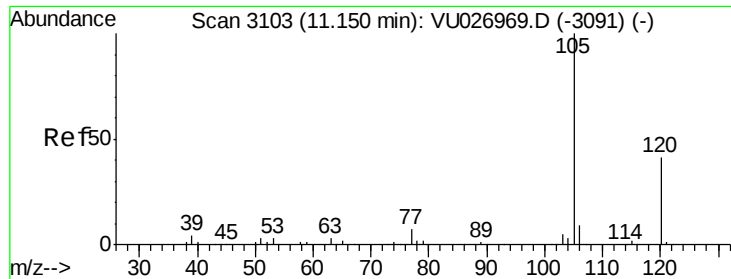
91 54.9 29.8 89.4

134 22.4 11.5 34.4



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





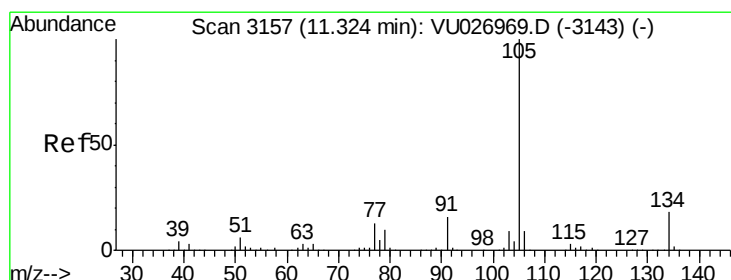
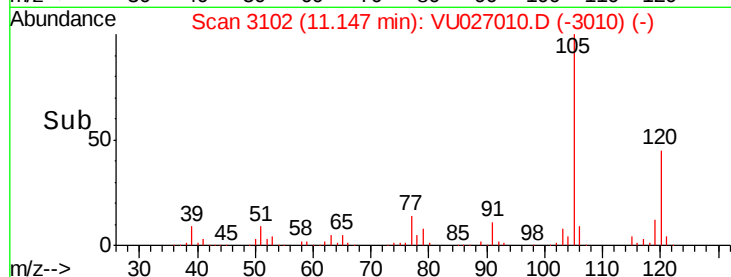
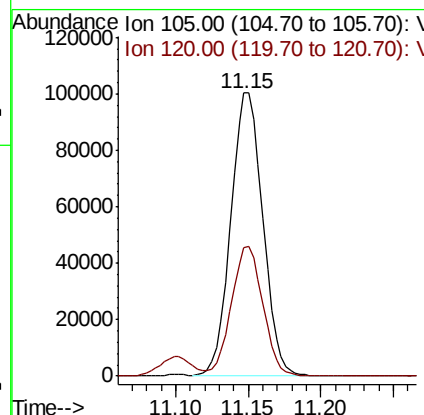
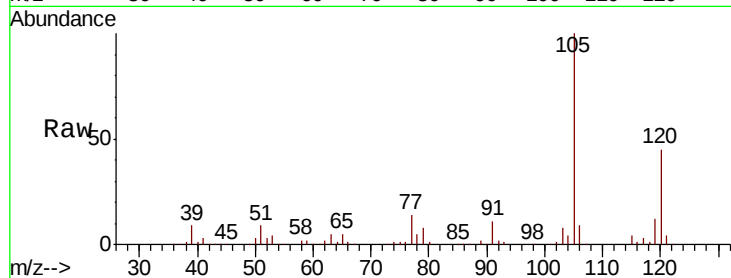
#84
 1,2,4-Trimethylbenzene
 Concen: 48.694 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

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

Tot Ion:105 Resp: 153075
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.4 67.2

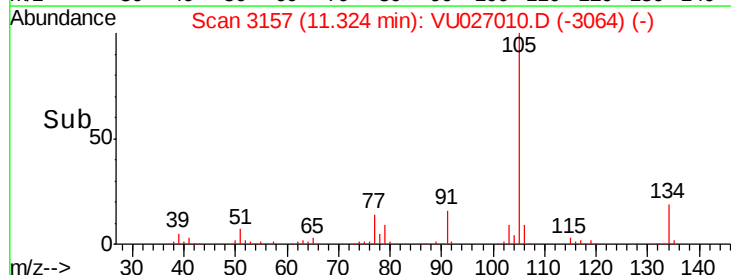
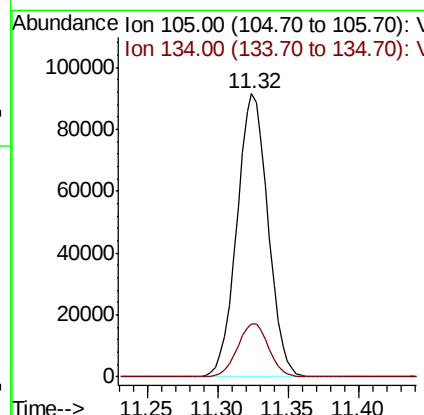
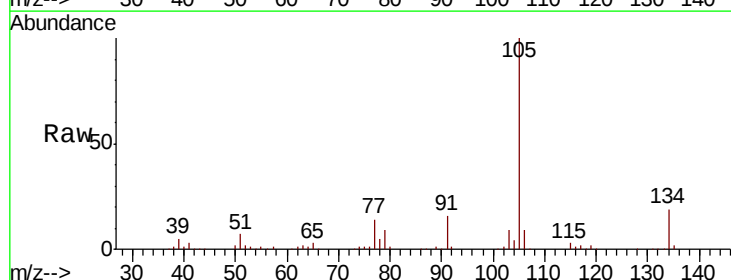
Manual Integrations
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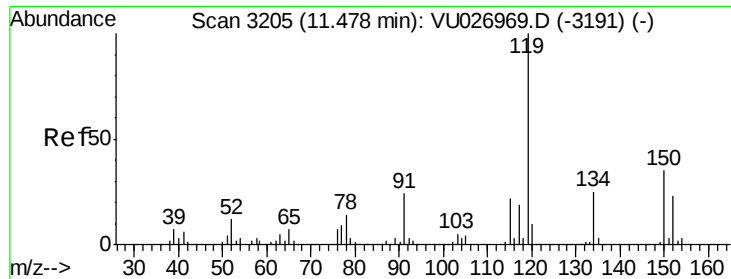
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#85
 sec-Butylbenzene
 Concen: 37.894 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

Tgt Ion:105 Resp: 141268
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.4 28.2





#86

p-Isopropyltoluene

Concen: 35.919 ug/l

RT: 11.48 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Instrument :

MSVOA_U

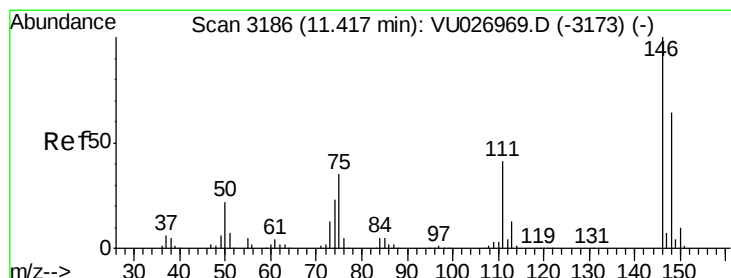
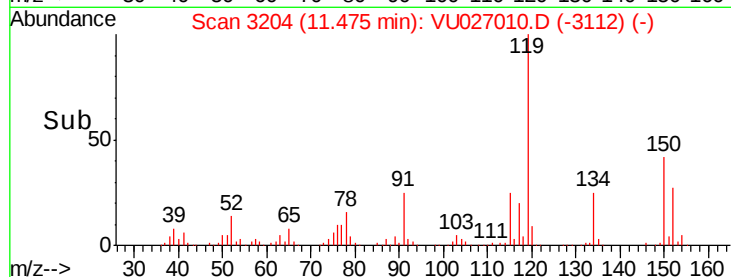
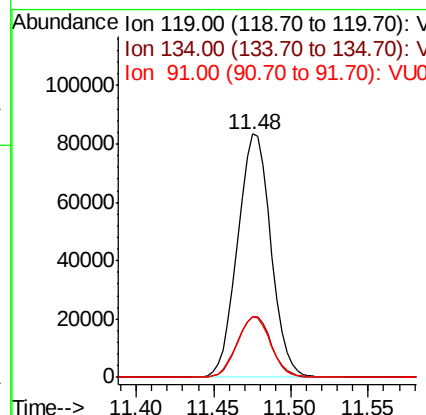
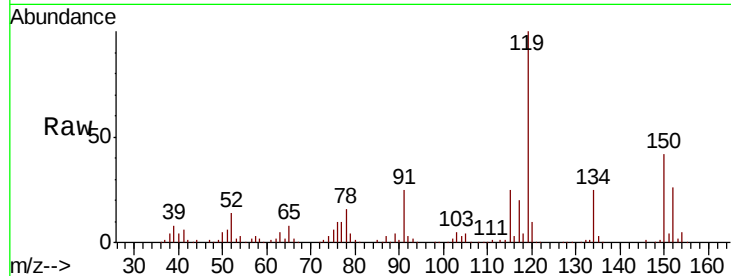
ClientSampleId :

BPSI-TT-MW308D-20180914MSD

Tot Ion:	119	Resp:	124717
Ion Ratio	Lower	Upper	
119	100		
134	25.4	12.8	38.3
91	25.1	12.3	36.8

Manual Integrations
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#87

1,3-Dichlorobenzene

Concen: 48.448 ug/l

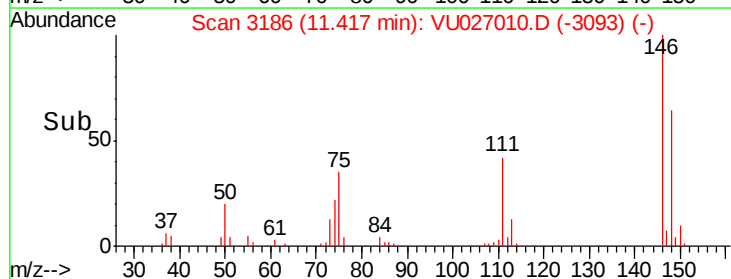
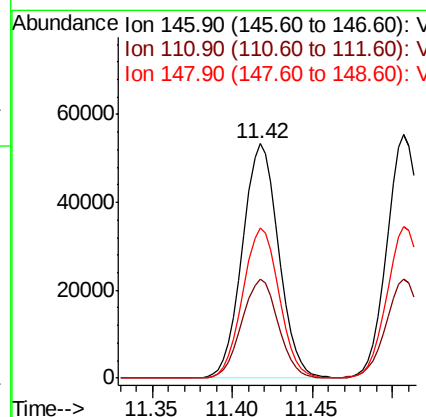
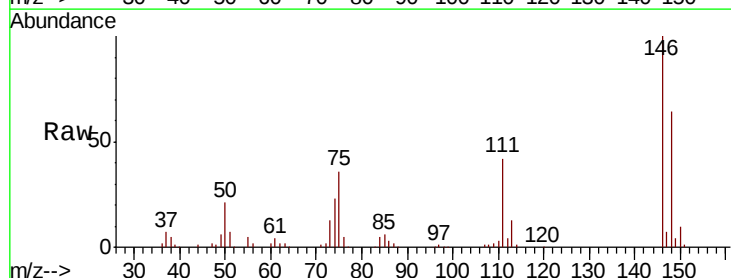
RT: 11.42 min Scan# 3186

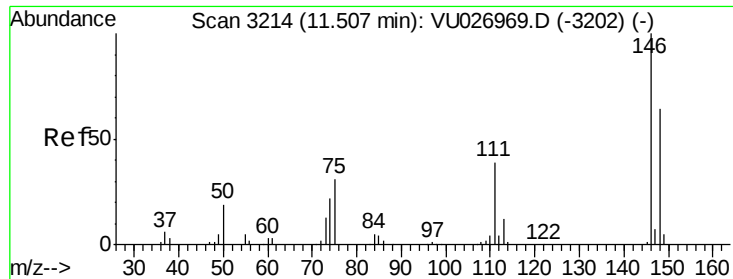
Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Tgt Ion:	146	Resp:	82443
Ion Ratio	Lower	Upper	
146	100		
111	42.3	20.8	62.2
148	64.3	32.0	96.2





#88

1,4-Dichlorobenzene

Concen: 46.079 ug/l

RT: 11.51 min Scan# 3214

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Instrument :

MSVOA_U

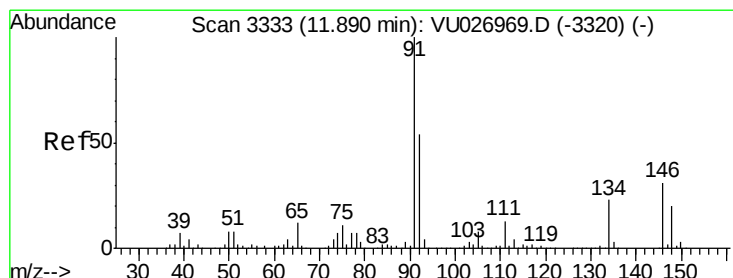
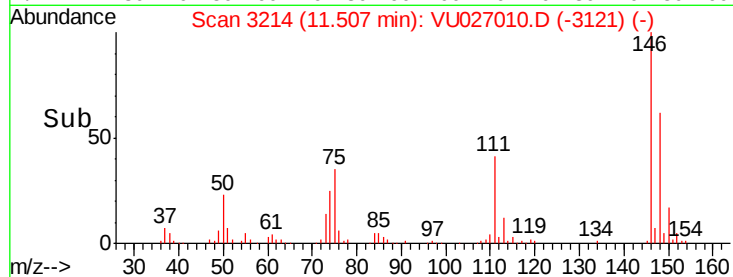
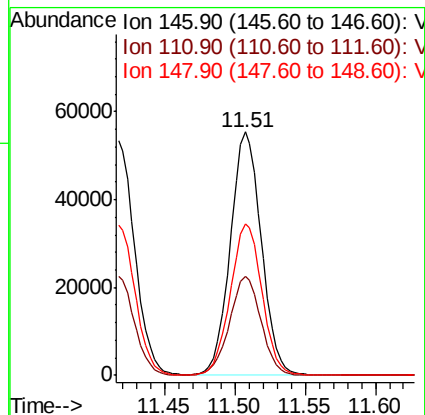
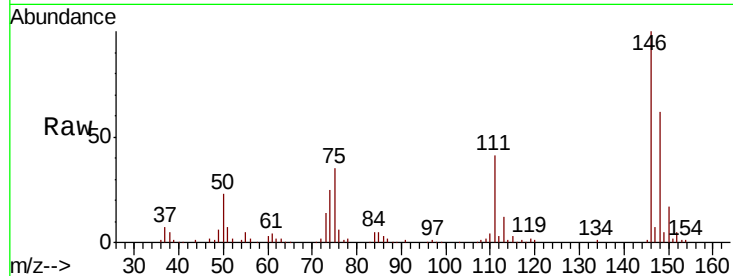
ClientSampleId :

BPSI-TT-MW308D-20180914MSD

Tot Ion:	146	Resp:	85458
Ion Ratio	Lower	Upper	
146	100		
111	41.4	20.3	60.9
148	63.5	31.9	95.9

Manual Integrations
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#89

n-Butylbenzene

Concen: 31.492 ug/l

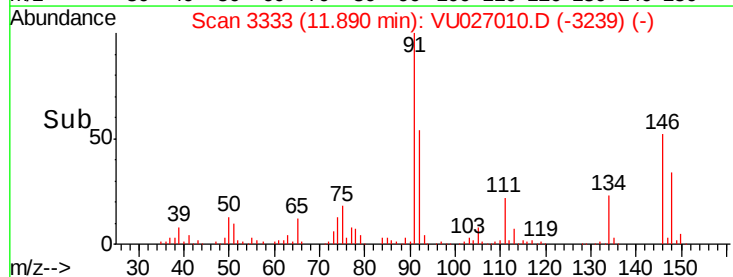
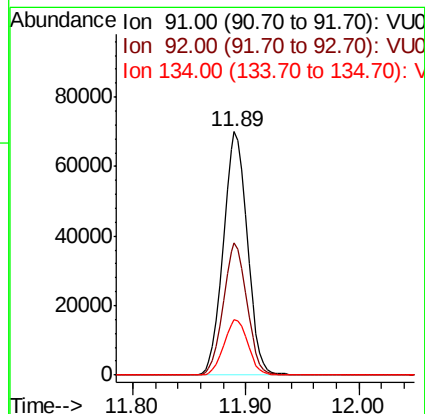
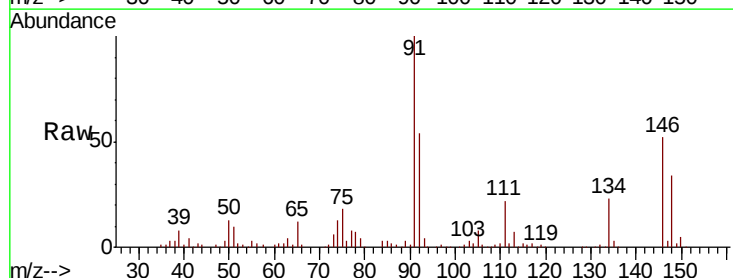
RT: 11.89 min Scan# 3333

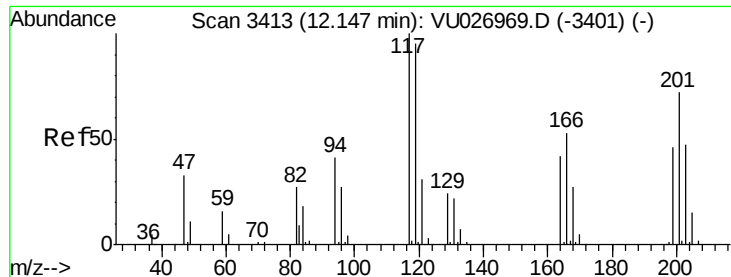
Delta R.T. 0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Tgt Ion:	91	Resp:	103634
Ion Ratio	Lower	Upper	
91	100		
92	53.1	27.1	81.2
134	22.8	11.7	35.0





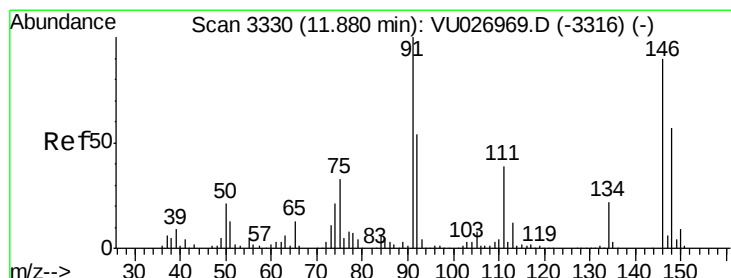
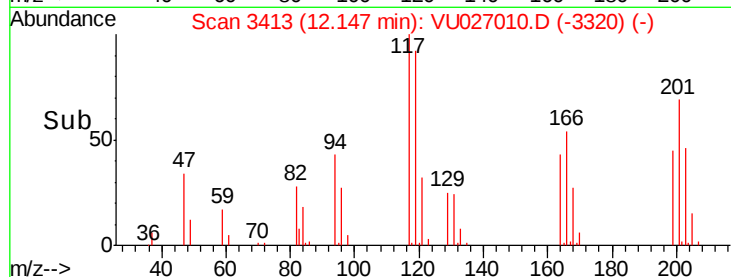
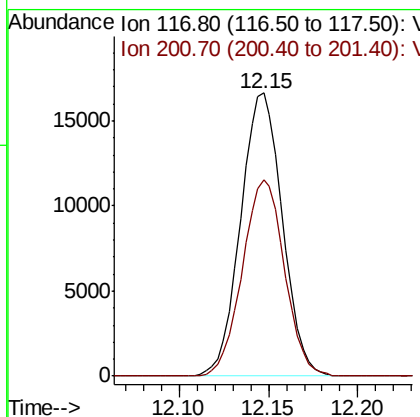
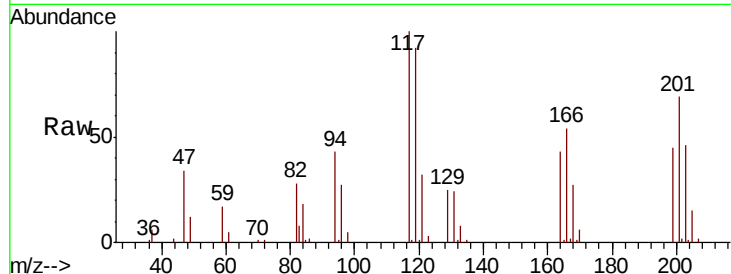
#90
Hexachloroethane
Concen: 39.996 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

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

Tot Ion:117 Resp: 27114
Ion Ratio Lower Upper
117 100
201 70.0 36.8 110.3

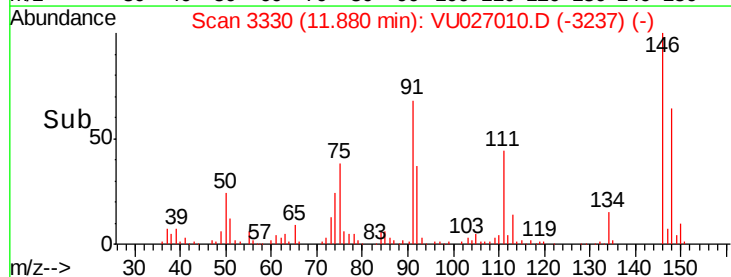
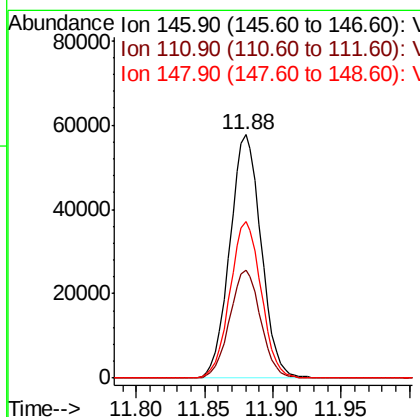
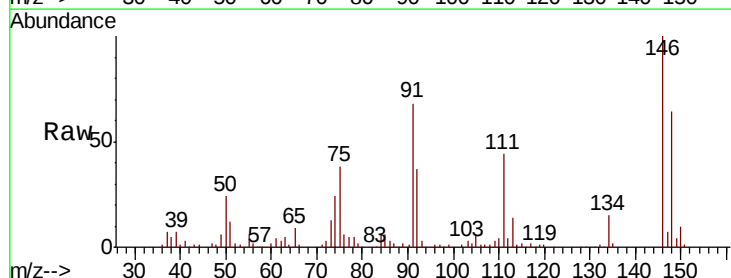
Manual Integrations
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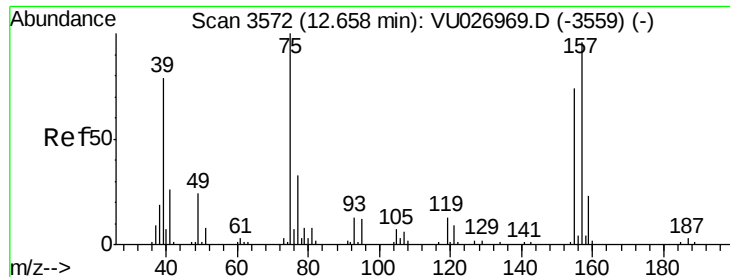
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#91
1,2-Dichlorobenzene
Concen: 50.877 ug/l
RT: 11.88 min Scan# 3330
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

Tgt Ion:146 Resp: 91964
Ion Ratio Lower Upper
146 100
111 43.8 21.8 65.3
148 64.0 31.9 95.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 74.735 ug/l

RT: 12.66 min Scan# 3571

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Instrument :

MSVOA_U

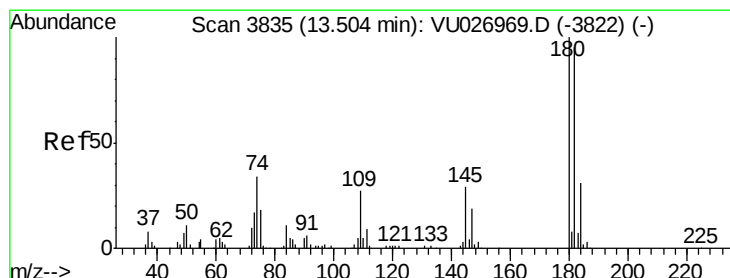
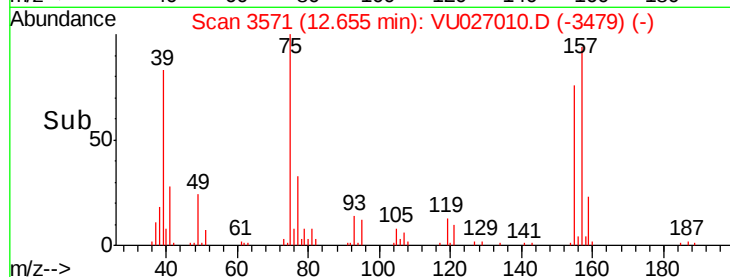
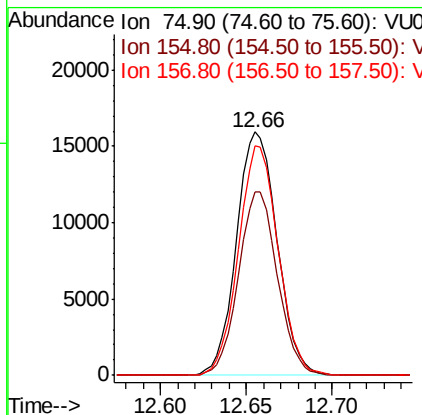
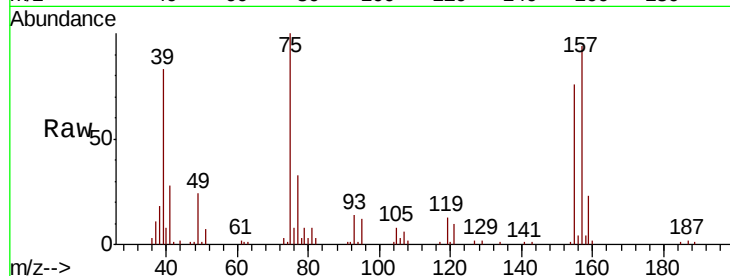
ClientSampleId :

BPSI-TT-MW308D-20180914MSD

Tot Ion:	75	Resp:	26231
Ion	Ratio	Lower	Upper
75	100		
155	72.0	36.6	109.8
157	92.0	47.4	142.2

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#93

1,2,4-Trichlorobenzene

Concen: 52.504 ug/l

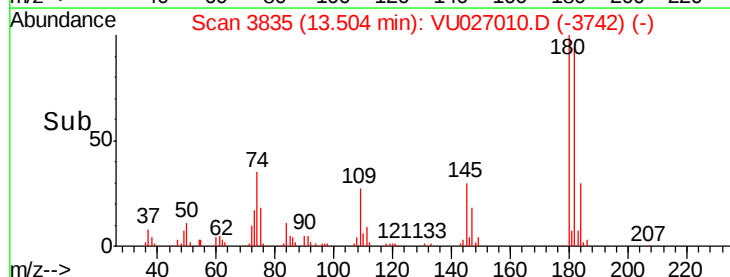
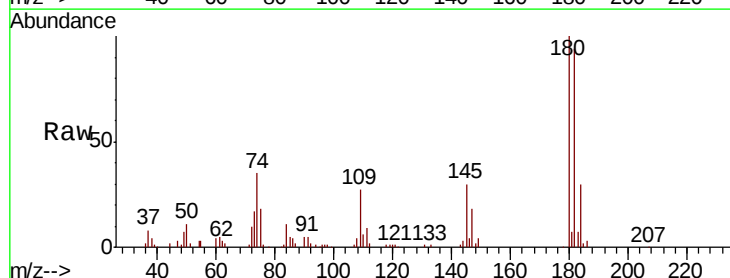
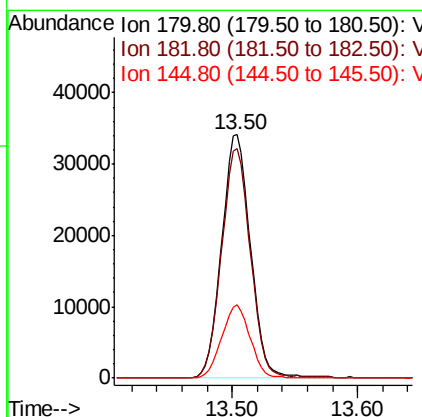
RT: 13.50 min Scan# 3835

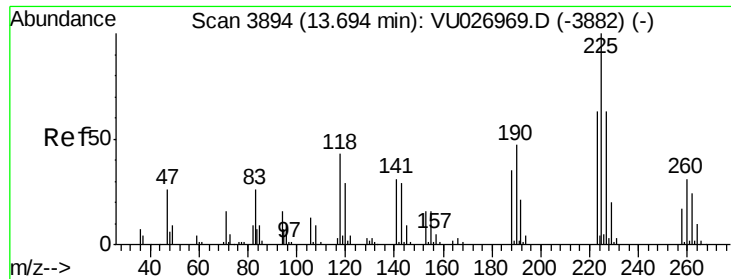
Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Tgt Ion:	180	Resp:	54691
Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.4	142.2
145	29.6	14.9	44.5





#94

Hexachlorobutadiene

Concen: 30.864 ug/l

RT: 13.69 min Scan# 3893

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Instrument :

MSVOA_U

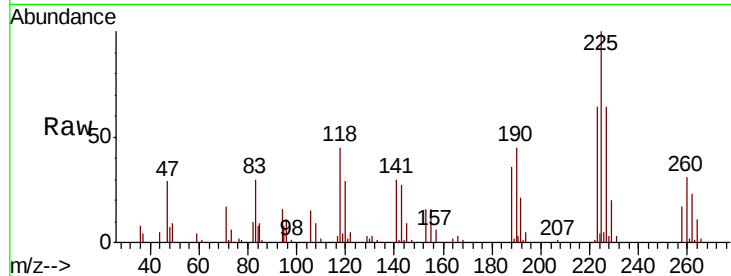
ClientSampleId :

BPSI-TT-MW308D-20180914MSD

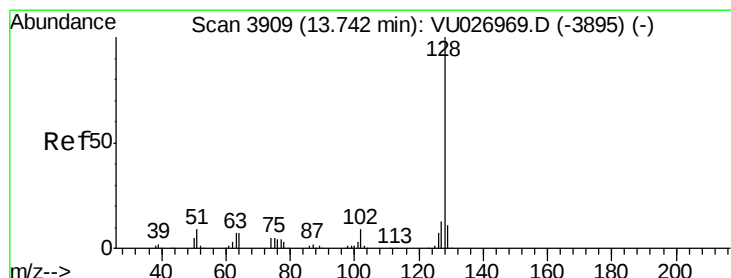
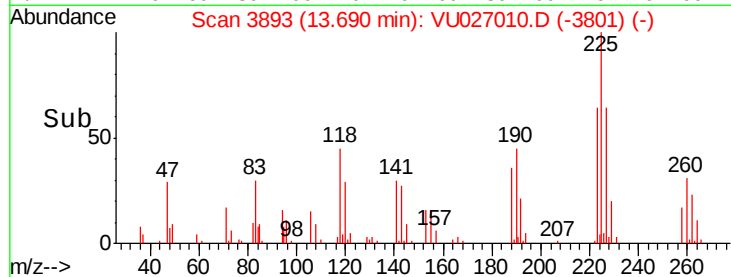
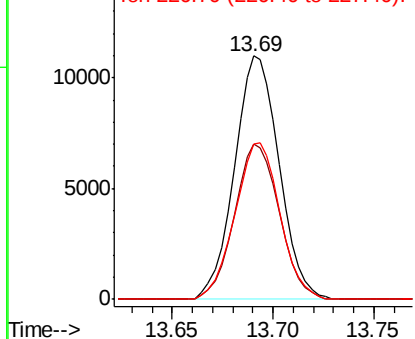
Tot Ion:	225	Resp:	17011
Ion Ratio		Lower	Upper
225	100		
223	64.1	31.9	95.7
227	64.7	32.1	96.5

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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: 62.637 ug/l

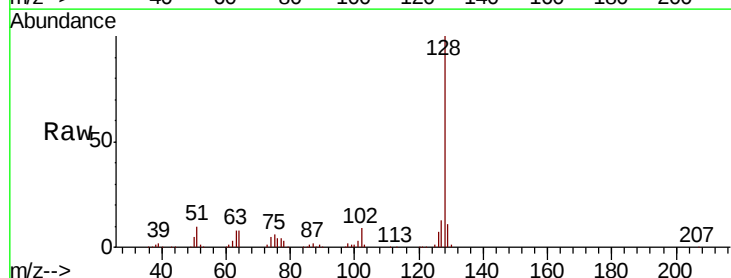
RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

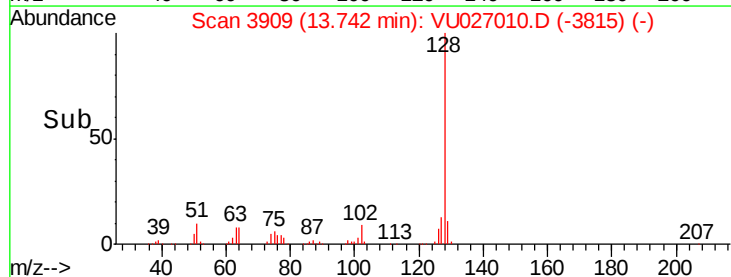
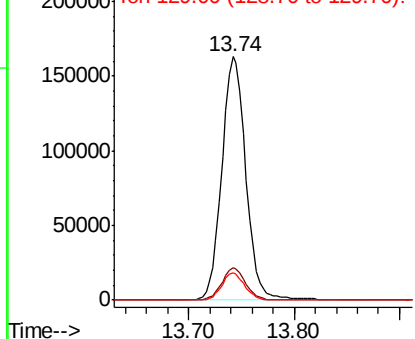
Lab File: VU027010.D

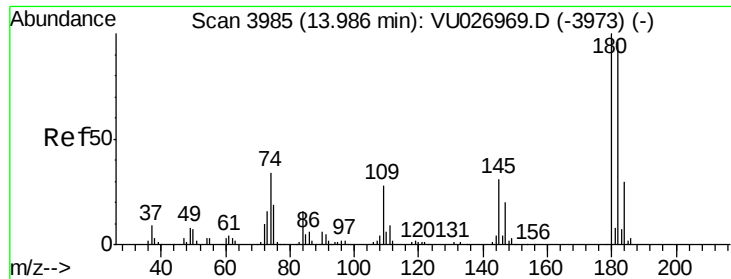
Acq: 22 Sep 2018 10:24

Tgt Ion:	128	Resp:	256901
Ion Ratio		Lower	Upper
128	100		
127	13.1	10.6	15.8
129	10.5	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: 58.199 ug/l
 RT: 13.99 min Scan# 3985
 Delta R.T. -0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

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

Tot Ion:	180	Resp:	65012
Ion Ratio	Lower	Upper	
180	100		
182	93.8	47.5	142.5
145	31.3	15.4	46.4

Manual Integrations
 APPROVED

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